284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : THE WILLS BUILDING

CORE ENVIRONMENTAL CONSULTANTS AND SERVICES, INC.

22-48 119th Street

College Point, NY - 11356

Phone No: 7187864730

ORDER ID : Q3311

ATTENTION : Roland Scardino

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q3311

Project ID : The Wills Building

Client : Core Environmental Consultants and Services, Inc.

Lab Sample Number	Client Sample Number
Q3311-01	MW-218
Q3311-02	MW-219
Q3311-03MS	MW-219MS
Q3311-04MSD	MW-219MSD
Q3311-05	MW-1S
Q3311-06	MW-1D
Q3311-07	MW-2S
Q3311-08	MW-101S
Q3311-09	C-MW-3
Q3311-10	MW-5BA
Q3311-11	MW-6BA
Q3311-12	MW-214D
Q3311-13	MW-215D
Q3311-14	MW-227B
Q3311-15	GW-DUP

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____ Date: 10/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Core Environmental Consultants and Services, Inc.
Project Name: The Wills Building
Project # N/A
Order ID # Q3311
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
15 Water samples were received on 10/08/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for MW-214DDL [4-Bromofluorobenzene - 123%], due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q3311-03MS} with File ID: VX048177.D recoveries met the requirements for all compounds except for 1,2,3-Trichlorobenzene[73%], 1,2,4-Trichlorobenzene[69%], 1,2-Dibromo-3-Chloropropane[74%], 1,2-Dichlorobenzene[78%], 1,3-Dichlorobenzene[78%], 1,4-Dichlorobenzene[77%] and Tetrachloroethene[260%] due to matrix interference.

The MSD {Q3311-04MSD} with File ID: VX048178.D recoveries met the requirements for all compounds except for Tetrachloroethene[260%] due to matrix interference.

The RPD for {Q3311-04MSD} with File ID: VX048178.D met criteria except for 1,1,2,2-Tetrachloroethane[21%], 1,2,3-Trichlorobenzene[27%], 1,2,4-Trichlorobenzene[27%], 1,2-Dibromo-3-Chloropropane[26%], 1,2-Dichlorobenzene[24%], 1,3-Dichlorobenzene[22%], 1,4-Dichlorobenzene[22%] and Isopropylbenzene[24%] due to difference in results of MS and MSD.

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The Blank Spike for {VX1014WBS01} with File ID: VX048156.D met requirements for all compounds except for Methyl Acetate[65%], Methyl tert-butyl Ether[76%] are failing marginally low therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID VX048100.D met the requirements except for 1,1,2-Trichlorotrifluoroethane,Bromomethane,Carbon Disulfide, Dichlorodifluoromethane, Methylcyclohexane, Trichlorofluoromethane and Vinyl Chloride are failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VX048126.D met the requirements except for 1,1,2-Trichlorotrifluoroethane, Bromomethane and Dichlorodifluoromethane, Trichlorofluoromethane are failing high but no positive hit in associate sample and Vinyl Chloride is failing high and associate sample having hit of Vinyl Chloride but below CRQL therefore no corrective action taken while Carbon Disulfide is failing high and due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Continuous Calibration File ID VX048153.D met the requirements except for 1,1,2-Trichlorotrifluoroethane,Bromomethane,Carbon Disulfide,Carbon Tetrachloride, Dichlorodifluoromethane, Trichlorofluoromethane and Vinyl Chloride are failing high but no positive hit in associate sample therefore no corrective action taken.
The Tuning criteria met requirements.

Samples MW-6BA and GW-DUP were diluted due to past history of these samples containing high amounts of compound Tetrachloroethene.

Samples MW-218, MW-1S, MW-1D, MW-101S, C-MW-3, MW-214D, MW-215D and MW-227B were diluted due to high concentrations.

E. Additional Comments:

Trip Blank was not provided with this set of samples.

The Sample # MW-1S, C-MW-3 and MW-5BA have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3311 MATRIX: Water

METHOD: 8260D

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2.	GC/MS Tuning Specifications BFB Meet Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3.	GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4.	GC/MS Calibration - Initial Calibration performed before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5.	GC/MS Calibration Requirements.			✓

The Initial Calibration met the requirements.
The Continuous Calibration File ID VX048100.D met the requirements except for 1,1,2-Trichlorotrifluoroethane,Bromomethane,Carbon Disulfide, Dichlorodifluoromethane, Methylcyclohexane,Trichlorofluoromethane and Vinyl Chloride are failing high but no positive hit in associate sample therefore no corrective action taken.

The Continuous Calibration File ID VX048126.D met the requirements except for 1,1,2-Trichlorotrifluoroethane,Bromomethane and Dichlorodifluoromethane, Trichlorofluoromethane are failing high but no positive hit in associate sample and Vinyl Chloride is failing high and associate sample having hit of Vinyl Chloride but below CRQL therefore no corrective action taken. while Carbon Disulfide is failing high and due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

The Continuous Calibration File ID VX048153.D met the requirements except for 1,1,2-Trichlorotrifluoroethane,Bromomethane,Carbon Disulfide,Carbon Tetrachloride,Dichlorodifluoromethane,Trichlorofluoromethane and Vinyl Chloride are failing high but no positive hit in associate sample therefore no corrective action taken.

6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria		✓	

If not met, list those compounds and their recoveries which fall outside the acceptable ranges.

The Surrogate recoveries were met for all analysis except for MW-214DDL [4-Bromofluorobenzene - 123%], due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported.

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	

If not met, list those compounds and their recoveries which fall outside the acceptable range.

The MS {Q3311-03MS} with File ID: VX048177.D recoveries met the requirements for all compounds except for 1,2,3-Trichlorobenzene[73%], 1,2,4-Trichlorobenzene[69%], 1,2-Dibromo-3-Chloropropane[74%], 1,2-Dichlorobenzene[78%], 1,3-Dichlorobenzene[78%], 1,4-Dichlorobenzene[77%] and Tetrachloroethene[260%] due to matrix interference.
The MSD {Q3311-04MSD} with File ID: VX048178.D recoveries met the requirements for all compounds except for Tetrachloroethene[260%] due to matrix interference.
The Blank Spike for {VX1014WBS01} with File ID: VX048156.D met requirements for all compounds except for Methyl Acetate[65%], Methyl tert-butyl Ether[76%] are failing marginally low therefore no corrective action taken.

The RPD for {Q3311-04MSD} with File ID: VX048178.D met criteria except for 1,1,2,2-Tetrachloroethane[21%], 1,2,3-Trichlorobenzene[27%], 1,2,4-Trichlorobenzene[27%], 1,2-Dibromo-3-Chloropropane[26%], 1,2-Dichlorobenzene[24%], 1,3-Dichlorobenzene[22%], 1,4-Dichlorobenzene[22%] and Isopropylbenzene[24%] due to difference in results of MS and MSD.

9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓

Comments:

10.	Analysis Holding Time Met			✓

If not met, list number of days exceeded for each sample:

ADDITIONAL COMMENTS:

Samples MW-6BA and GW-DUP were diluted due to past history of these samples containing high amounts of compound Tetrachloroethene.

Samples MW-218, MW-1S, MW-1D, MW-101S, C-MW-3, MW-214D, MW-215D and MW-227B were diluted due to high concentrations.

Trip Blank was not provided with this set of samples.

The Sample # MW-1S, C-MW-3 and MW-5BA, have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3311

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 10/22/2025

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LAB CHRONICLE

OrderID:	Q3311	**OrderDate:**	10/8/2025 1:32:58 PM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	The Wills Building
Contact:	Roland Scardino	**Location:**	VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3311-01	**MW-218**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/09/25	
Q3311-01DL	**MW-218DL**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3311-02	**MW-219**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/14/25	
Q3311-05	**MW-1S**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/09/25	
Q3311-05DL	**MW-1SDL**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3311-06	**MW-1D**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/09/25	
Q3311-06DL	**MW-1DDL**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3311-07	**MW-2S**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/09/25	
Q3311-08	**MW-101S**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/09/25	
Q3311-08DL	**MW-101SDL**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3311-09	**C-MW-3**	**Water**			**10/07/25**			**10/08/25**
			VOC-TCLVOA-10	8260-Low			10/09/25	
Q3311-09DL	**C-MW-3DL**	**Water**			**10/07/25**			**10/08/25**

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LAB CHRONICLE

			VOC-TCLVOA-10	8260-Low		10/10/25	
Q3311-10	**MW-5BA**	**Water**			**10/07/25**		**10/08/25**
			VOC-TCLVOA-10	8260-Low		10/13/25	
Q3311-11	**MW-6BA**	**Water**			**10/07/25**		**10/08/25**
			VOC-TCLVOA-10	8260-Low		10/10/25	
Q3311-12	**MW-214D**	**Water**			**10/07/25**		**10/08/25**
			VOC-TCLVOA-10	8260-Low		10/13/25	
Q3311-12DL	**MW-214DDL**	**Water**			**10/07/25**		**10/08/25**
			VOC-TCLVOA-10	8260-Low		10/17/25	
Q3311-13	**MW-215D**	**Water**			**10/07/25**		**10/08/25**
			VOC-TCLVOA-10	8260-Low		10/13/25	
Q3311-13DL	**MW-215DDL**	**Water**			**10/07/25**		**10/08/25**
			VOC-TCLVOA-10	8260-Low		10/14/25	
Q3311-14	**MW-227B**	**Water**			**10/07/25**		**10/08/25**
			VOC-TCLVOA-10	8260-Low		10/14/25	
Q3311-14DL	**MW-227BDL**	**Water**			**10/07/25**		**10/08/25**
			VOC-TCLVOA-10	8260-Low		10/14/25	
Q3311-15	**GW-DUP**	**Water**			**10/07/25**		**10/08/25**
			VOC-TCLVOA-10	8260-Low		10/14/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3311

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW-218**							
Q3311-01	MW-218	Water	Acetone	2.10	J	1.50	5.00	ug/L
Q3311-01	MW-218	Water	2-Butanone	7.80		0.98	5.00	ug/L
Q3311-01	MW-218	Water	cis-1,2-Dichloroethene	23.3		0.19	1.00	ug/L
Q3311-01	MW-218	Water	Chloroform	7.30		0.25	1.00	ug/L
Q3311-01	MW-218	Water	Trichloroethene	52.2		0.090	1.00	ug/L
Q3311-01	MW-218	Water	Tetrachloroethene	410	E	0.23	1.00	ug/L
			Total Voc :	503				
			Total Concentration:	503				
Client ID:	**MW-218DL**							
Q3311-01DL	MW-218DL	Water	cis-1,2-Dichloroethene	22.6	D	1.90	10.0	ug/L
Q3311-01DL	MW-218DL	Water	Chloroform	8.10	JD	2.50	10.0	ug/L
Q3311-01DL	MW-218DL	Water	Trichloroethene	40.6	D	0.93	10.0	ug/L
Q3311-01DL	MW-218DL	Water	Tetrachloroethene	340	D	2.30	10.0	ug/L
			Total Voc :	411				
			Total Concentration:	411				
Client ID:	**MW-219**							
Q3311-02	MW-219	Water	Acetone	1.50	J	1.50	5.00	ug/L
Q3311-02	MW-219	Water	2-Butanone	3.50	J	0.98	5.00	ug/L
Q3311-02	MW-219	Water	cis-1,2-Dichloroethene	1.00		0.19	1.00	ug/L
Q3311-02	MW-219	Water	Chloroform	0.83	J	0.25	1.00	ug/L
Q3311-02	MW-219	Water	Trichloroethene	1.60		0.090	1.00	ug/L
Q3311-02	MW-219	Water	Tetrachloroethene	150		0.23	1.00	ug/L
			Total Voc :	158				
			Total Concentration:	158				
Client ID:	**MW-1S**							
Q3311-05	MW-1S	Water	Acetone	2.10	J	1.50	5.00	ug/L
Q3311-05	MW-1S	Water	2-Butanone	9.30		0.98	5.00	ug/L
Q3311-05	MW-1S	Water	cis-1,2-Dichloroethene	6.50		0.19	1.00	ug/L
Q3311-05	MW-1S	Water	Chloroform	0.27	J	0.25	1.00	ug/L
Q3311-05	MW-1S	Water	Trichloroethene	13.3		0.090	1.00	ug/L
Q3311-05	MW-1S	Water	Tetrachloroethene	1700	E	0.23	1.00	ug/L
			Total Voc :	1730				
			Total Concentration:	1730				
Client ID:	**MW-1SDL**							
Q3311-05DL	MW-1SDL	Water	Tetrachloroethene	1700	D	11.5	50.0	ug/L
			Total Voc :	1700				
			Total Concentration:	1700				
Client ID:	**MW-1D**							

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3311

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3311-06	MW-1D	Water	Vinyl Chloride		0.61	J	0.26	1.00	ug/L
Q3311-06	MW-1D	Water	Acetone		11.4		1.50	5.00	ug/L
Q3311-06	MW-1D	Water	Carbon Disulfide		0.62	J	0.21	1.00	ug/L
Q3311-06	MW-1D	Water	2-Butanone		4.10	J	0.98	5.00	ug/L
Q3311-06	MW-1D	Water	cis-1,2-Dichloroethene		2.40		0.19	1.00	ug/L
Q3311-06	MW-1D	Water	Trichloroethene		1.70		0.090	1.00	ug/L
Q3311-06	MW-1D	Water	Toluene		0.25	J	0.14	1.00	ug/L
Q3311-06	MW-1D	Water	Tetrachloroethene		310	E	0.23	1.00	ug/L
			Total Voc :		331				
			Total Concentration:		331				
Client ID:	**MW-1DDL**								
Q3311-06DL	MW-1DDL	Water	Acetone		15.6	JD	7.60	25.0	ug/L
Q3311-06DL	MW-1DDL	Water	cis-1,2-Dichloroethene		1.90	JD	0.95	5.00	ug/L
Q3311-06DL	MW-1DDL	Water	Tetrachloroethene		290	D	1.20	5.00	ug/L
			Total Voc :		308				
			Total Concentration:		308				
Client ID:	**MW-2S**								
Q3311-07	MW-2S	Water	Vinyl Chloride		0.37	J	0.26	1.00	ug/L
Q3311-07	MW-2S	Water	Cyclohexane		8.10		1.50	5.00	ug/L
Q3311-07	MW-2S	Water	2-Butanone		4.70	J	0.98	5.00	ug/L
Q3311-07	MW-2S	Water	cis-1,2-Dichloroethene		9.50		0.19	1.00	ug/L
Q3311-07	MW-2S	Water	Benzene		0.76	J	0.15	1.00	ug/L
Q3311-07	MW-2S	Water	Trichloroethene		6.40		0.090	1.00	ug/L
Q3311-07	MW-2S	Water	Tetrachloroethene		80.6		0.23	1.00	ug/L
Q3311-07	MW-2S	Water	Isopropylbenzene		9.50		0.12	1.00	ug/L
			Total Voc :		120				
Q3311-07	MW-2S	Water	Butane, 2-methyl-	*	41.5	J	0	0	ug/L
Q3311-07	MW-2S	Water	Cyclopentane, methyl-	*	6.20	J	0	0	ug/L
Q3311-07	MW-2S	Water	Cyclohexene, 4-methyl-	*	13.4	J	0	0	ug/L
Q3311-07	MW-2S	Water	Cyclohexene, 1-methyl-	*	6.70	J	0	0	ug/L
Q3311-07	MW-2S	Water	tert-Butylbenzene	*	0.40	J	0.14	1.00	ug/L
Q3311-07	MW-2S	Water	sec-Butylbenzene	*	0.93	J	0.13	1.00	ug/L
			Total Tics :		69.1				
			Total Concentration:		189				
Client ID:	**MW-101S**								
Q3311-08	MW-101S	Water	Chloromethane		0.39	J	0.32	1.00	ug/L
Q3311-08	MW-101S	Water	Acetone		2.10	J	1.50	5.00	ug/L
Q3311-08	MW-101S	Water	2-Butanone		5.10		0.98	5.00	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3311

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q3311-08	MW-101S	Water	cis-1,2-Dichloroethene		10.6		0.19	1.00	ug/L
Q3311-08	MW-101S	Water	Trichloroethene		8.90		0.090	1.00	ug/L
Q3311-08	MW-101S	Water	Tetrachloroethene		530	E	0.23	1.00	ug/L
			Total Voc :		557				
			Total Concentration:		557				
Client ID:	**MW-101SDL**								
Q3311-08DL	MW-101SDL	Water	cis-1,2-Dichloroethene		8.80	JD	1.90	10.0	ug/L
Q3311-08DL	MW-101SDL	Water	Trichloroethene		7.90	JD	0.93	10.0	ug/L
Q3311-08DL	MW-101SDL	Water	Tetrachloroethene		440	D	2.30	10.0	ug/L
			Total Voc :		457				
			Total Concentration:		457				
Client ID:	**C-MW-3**								
Q3311-09	C-MW-3	Water	Vinyl Chloride		3.80		0.26	1.00	ug/L
Q3311-09	C-MW-3	Water	1,1-Dichloroethene		0.89	J	0.23	1.00	ug/L
Q3311-09	C-MW-3	Water	Acetone		2.70	J	1.50	5.00	ug/L
Q3311-09	C-MW-3	Water	2-Butanone		5.60		0.98	5.00	ug/L
Q3311-09	C-MW-3	Water	cis-1,2-Dichloroethene		6.20		0.19	1.00	ug/L
Q3311-09	C-MW-3	Water	1,1,1-Trichloroethane		6.30		0.20	1.00	ug/L
Q3311-09	C-MW-3	Water	Trichloroethene		79.0		0.090	1.00	ug/L
Q3311-09	C-MW-3	Water	Toluene		0.54	J	0.14	1.00	ug/L
Q3311-09	C-MW-3	Water	Tetrachloroethene		28900	E	0.23	1.00	ug/L
			Total Voc :		29000				
Q3311-09	C-MW-3	Water	1,1,1,2-Tetrachloroethane	*	14.9	J	0.19	1.00	ug/L
			Total Tics :		14.9				
			Total Concentration:		29000				
Client ID:	**C-MW-3DL**								
Q3311-09DL	C-MW-3DL	Water	Tetrachloroethene		47200	D	120	500	ug/L
			Total Voc :		47200				
			Total Concentration:		47200				
Client ID:	**MW-5BA**								
Q3311-10	MW-5BA	Water	Acetone		62.5		1.50	5.00	ug/L
Q3311-10	MW-5BA	Water	Carbon Disulfide		0.65	J	0.21	1.00	ug/L
Q3311-10	MW-5BA	Water	2-Butanone		10.7		0.98	5.00	ug/L
Q3311-10	MW-5BA	Water	Trichloroethene		0.93	J	0.090	1.00	ug/L
Q3311-10	MW-5BA	Water	Tetrachloroethene		60.5		0.23	1.00	ug/L
			Total Voc :		135				
			Total Concentration:		135				
Client ID:	**MW-6BA**								
Q3311-11	MW-6BA	Water	cis-1,2-Dichloroethene		65.0	J	38.0	200	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q3311

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3311-11	MW-6BA	Water	Tetrachloroethene	9200		46.0	200	ug/L
			Total Voc :	9270				
			Total Concentration:	9270				
Client ID:	**MW-214D**							
Q3311-12	MW-214D	Water	Vinyl Chloride	0.37	J	0.26	1.00	ug/L
Q3311-12	MW-214D	Water	Chloroethane	5.70		0.47	1.00	ug/L
Q3311-12	MW-214D	Water	Acetone	7.80		1.50	5.00	ug/L
Q3311-12	MW-214D	Water	Carbon Disulfide	2.40		0.21	1.00	ug/L
Q3311-12	MW-214D	Water	2-Butanone	3.20	J	0.98	5.00	ug/L
Q3311-12	MW-214D	Water	cis-1,2-Dichloroethene	3.10		0.19	1.00	ug/L
Q3311-12	MW-214D	Water	Trichloroethene	1.20		0.090	1.00	ug/L
Q3311-12	MW-214D	Water	Tetrachloroethene	260	E	0.23	1.00	ug/L
			Total Voc :	284				
			Total Concentration:	284				
Client ID:	**MW-214DDL**							
Q3311-12DL	MW-214DDL	Water	Chloroethane	8.80	D	2.40	5.00	ug/L
Q3311-12DL	MW-214DDL	Water	Carbon Disulfide	3.50	JD	1.10	5.00	ug/L
Q3311-12DL	MW-214DDL	Water	Tetrachloroethene	300	D	1.20	5.00	ug/L
			Total Voc :	312				
			Total Concentration:	312				
Client ID:	**MW-215D**							
Q3311-13	MW-215D	Water	Acetone	1.90	J	1.50	5.00	ug/L
Q3311-13	MW-215D	Water	2-Butanone	4.30	J	0.98	5.00	ug/L
Q3311-13	MW-215D	Water	Trichloroethene	0.54	J	0.090	1.00	ug/L
Q3311-13	MW-215D	Water	Tetrachloroethene	190	E	0.23	1.00	ug/L
			Total Voc :	197				
			Total Concentration:	197				
Client ID:	**MW-215DDL**							
Q3311-13DL	MW-215DDL	Water	Tetrachloroethene	400	D	1.20	5.00	ug/L
			Total Voc :	400				
			Total Concentration:	400				
Client ID:	**MW-227B**							
Q3311-14	MW-227B	Water	Acetone	2.00	J	1.50	5.00	ug/L
Q3311-14	MW-227B	Water	2-Butanone	8.40		0.98	5.00	ug/L
Q3311-14	MW-227B	Water	cis-1,2-Dichloroethene	8.50		0.19	1.00	ug/L
Q3311-14	MW-227B	Water	Chloroform	4.50		0.25	1.00	ug/L
Q3311-14	MW-227B	Water	Trichloroethene	15.6		0.090	1.00	ug/L
Q3311-14	MW-227B	Water	Tetrachloroethene	210	E	0.23	1.00	ug/L
			Total Voc :	249				

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Hit Summary Sheet
SW-846

SDG No.: Q3311

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	249				
Client ID:	**MW-227BDL**							
Q3311-14DL	MW-227BDL	Water	cis-1,2-Dichloroethene	11.6	D	0.95	5.00	ug/L
Q3311-14DL	MW-227BDL	Water	Chloroform	6.30	D	1.30	5.00	ug/L
Q3311-14DL	MW-227BDL	Water	Trichloroethene	25.5	D	0.47	5.00	ug/L
Q3311-14DL	MW-227BDL	Water	Tetrachloroethene	210	D	1.20	5.00	ug/L
			Total Voc :	253				
			Total Concentration:	253				
Client ID:	**GW-DUP**							
Q3311-15	GW-DUP	Water	Tetrachloroethene	5100		23.0	100	ug/L
			Total Voc :	5100				
			Total Concentration:	5100				

QC SUMMARY

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Surrogate Summary

SDG No.: Q3311

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3311-01	MW-218	1,2-Dichloroethane-d4	50	49.9	100		74	125
		Dibromofluoromethane	50	48.5	97		75	124
		Toluene-d8	50	48.1	96		86	113
		4-Bromofluorobenzene	50	51.8	104		77	121
Q3311-01DL	MW-218DL	1,2-Dichloroethane-d4	50	51.2	102		74	125
		Dibromofluoromethane	50	49.0	98		75	124
		Toluene-d8	50	48.3	97		86	113
		4-Bromofluorobenzene	50	53.5	107		77	121
Q3311-02	MW-219	1,2-Dichloroethane-d4	50	49.2	98		74	125
		Dibromofluoromethane	50	54.3	109		75	124
		Toluene-d8	50	53.3	107		86	113
		4-Bromofluorobenzene	50	57.4	115		77	121
Q3311-03MS	MW-219MS	1,2-Dichloroethane-d4	50	46.6	93		74	125
		Dibromofluoromethane	50	51.2	102		75	124
		Toluene-d8	50	47.3	95		86	113
		4-Bromofluorobenzene	50	50.3	101		77	121
Q3311-04MSD	MW-219MSD	1,2-Dichloroethane-d4	50	47.7	95		74	125
		Dibromofluoromethane	50	48.8	98		75	124
		Toluene-d8	50	46.2	92		86	113
		4-Bromofluorobenzene	50	47.8	96		77	121
Q3311-05	MW-1S	1,2-Dichloroethane-d4	50	54.1	108		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	49.0	98		86	113
		4-Bromofluorobenzene	50	51.6	103		77	121
Q3311-05DL	MW-1SDL	1,2-Dichloroethane-d4	50	55.8	112		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	48.8	98		86	113
		4-Bromofluorobenzene	50	57.1	114		77	121
Q3311-06	MW-1D	1,2-Dichloroethane-d4	50	55.4	111		74	125
		Dibromofluoromethane	50	50.1	100		75	124
		Toluene-d8	50	49.1	98		86	113
		4-Bromofluorobenzene	50	57.7	115		77	121
Q3311-06DL	MW-1DDL	1,2-Dichloroethane-d4	50	55.6	111		74	125
		Dibromofluoromethane	50	50.5	101		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	56.6	113		77	121
Q3311-07	MW-2S	1,2-Dichloroethane-d4	50	53.2	106		74	125
		Dibromofluoromethane	50	50.3	101		75	124
		Toluene-d8	50	49.7	99		86	113
		4-Bromofluorobenzene	50	58.2	116		77	121
Q3311-08	MW-101S	1,2-Dichloroethane-d4	50	55.5	111		74	125
		Dibromofluoromethane	50	50.7	101		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	55.5	111		77	121
Q3311-08DL	MW-101SDL	1,2-Dichloroethane-d4	50	58.6	117		74	125
		Dibromofluoromethane	50	52.3	104		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	58.6	117		77	121
Q3311-09	C-MW-3	1,2-Dichloroethane-d4	50	55.7	111		74	125
		Dibromofluoromethane	50	50.7	101		75	124

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Surrogate Summary

SDG No.: Q3311

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3311-09	C-MW-3	Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	44.3	89		77	121
Q3311-09DL	C-MW-3DL	1,2-Dichloroethane-d4	50	53.4	107		74	125
		Dibromofluoromethane	50	50.4	101		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	56.6	113		77	121
Q3311-10	MW-5BA	1,2-Dichloroethane-d4	50	51.2	102		74	125
		Dibromofluoromethane	50	50.0	100		75	124
		Toluene-d8	50	49.8	100		86	113
		4-Bromofluorobenzene	50	55.9	112		77	121
Q3311-11	MW-6BA	1,2-Dichloroethane-d4	50	49.7	99		74	125
		Dibromofluoromethane	50	48.2	96		75	124
		Toluene-d8	50	47.6	95		86	113
		4-Bromofluorobenzene	50	52.7	105		77	121
Q3311-12	MW-214D	1,2-Dichloroethane-d4	50	53.9	108		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	50.3	101		86	113
		4-Bromofluorobenzene	50	57.0	114		77	121
Q3311-12DL	MW-214DDL	1,2-Dichloroethane-d4	50	58.1	116		74	125
		Dibromofluoromethane	50	53.5	107		75	124
		Toluene-d8	50	50.2	100		86	113
		4-Bromofluorobenzene	50	61.4	123	*	77	121
Q3311-13	MW-215D	1,2-Dichloroethane-d4	50	54.8	110		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	48.9	98		86	113
		4-Bromofluorobenzene	50	56.6	113		77	121
Q3311-13DL	MW-215DDL	1,2-Dichloroethane-d4	50	51.0	102		74	125
		Dibromofluoromethane	50	47.5	95		75	124
		Toluene-d8	50	46.9	94		86	113
		4-Bromofluorobenzene	50	51.2	102		77	121
Q3311-14	MW-227B	1,2-Dichloroethane-d4	50	52.3	105		74	125
		Dibromofluoromethane	50	51.3	103		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	54.4	109		77	121
Q3311-14DL	MW-227BDL	1,2-Dichloroethane-d4	50	54.1	108		74	125
		Dibromofluoromethane	50	50.2	100		75	124
		Toluene-d8	50	50.6	101		86	113
		4-Bromofluorobenzene	50	56.3	113		77	121
Q3311-15	GW-DUP	1,2-Dichloroethane-d4	50	51.3	103		74	125
		Dibromofluoromethane	50	48.6	97		75	124
		Toluene-d8	50	49.1	98		86	113
		4-Bromofluorobenzene	50	53.4	107		77	121
VX1009WBL01	VX1009WBL01	1,2-Dichloroethane-d4	50	56.5	113		74	125
		Dibromofluoromethane	50	51.8	104		75	124
		Toluene-d8	50	50.1	100		86	113
		4-Bromofluorobenzene	50	57.9	116		77	121
VX1009WBS02	VX1009WBS02	1,2-Dichloroethane-d4	50	49.8	99		74	125
		Dibromofluoromethane	50	52.2	104		75	124
		Toluene-d8	50	50.5	101		86	113
		4-Bromofluorobenzene	50	50.9	102		77	121

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Surrogate Summary

SDG No.: Q3311

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX1010WBL01	VX1010WBL01	1,2-Dichloroethane-d4	50	49.5	99		74	125
		Dibromofluoromethane	50	48.9	98		75	124
		Toluene-d8	50	49.5	99		86	113
		4-Bromofluorobenzene	50	54.5	109		77	121
VX1010WBS01	VX1010WBS01	1,2-Dichloroethane-d4	50	45.4	91		74	125
		Dibromofluoromethane	50	50.1	100		75	124
		Toluene-d8	50	48.3	97		86	113
		4-Bromofluorobenzene	50	49.2	98		77	121
VX1013WBL01	VX1013WBL01	1,2-Dichloroethane-d4	50	49.8	100		74	125
		Dibromofluoromethane	50	48.9	98		75	124
		Toluene-d8	50	48.3	97		86	113
		4-Bromofluorobenzene	50	54.5	109		77	121
VX1013WBS01	VX1013WBS01	1,2-Dichloroethane-d4	50	50.5	101		74	125
		Dibromofluoromethane	50	55.6	111		75	124
		Toluene-d8	50	53.9	108		86	113
		4-Bromofluorobenzene	50	54.8	110		77	121
VX1014WBL01	VX1014WBL01	1,2-Dichloroethane-d4	50	55.0	110		74	125
		Dibromofluoromethane	50	52.0	104		75	124
		Toluene-d8	50	50.4	101		86	113
		4-Bromofluorobenzene	50	56.5	113		77	121
VX1014WBS01	VX1014WBS01	1,2-Dichloroethane-d4	50	42.8	86		74	125
		Dibromofluoromethane	50	52.5	105		75	124
		Toluene-d8	50	51.6	103		86	113
		4-Bromofluorobenzene	50	52.1	104		77	121
VX1017WBL01	VX1017WBL01	1,2-Dichloroethane-d4	50	53.1	106		74	125
		Dibromofluoromethane	50	51.2	102		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	59.1	118		77	121
VX1017WBS01	VX1017WBS01	1,2-Dichloroethane-d4	50	43.7	87		74	125
		Dibromofluoromethane	50	51.2	102		75	124
		Toluene-d8	50	48.1	96		86	113
		4-Bromofluorobenzene	50	47.9	96		77	121

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3311 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultar **Datafile :** VX048177.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3311-03MS		**Client Sample ID : MW-219MS**									
Dichlorodifluoromethane	50	0	46.5	ug/L	93				73	120	
Chloromethane	50	0	46.1	ug/L	92				58	133	
Vinyl chloride	50	0	49.1	ug/L	98				69	125	
Bromomethane	50	0	50.8	ug/L	102				28	165	
Chloroethane	50	0	47.0	ug/L	94				70	141	
Trichlorofluoromethane	50	0	49.3	ug/L	99				72	124	
1,1,2-Trichlorotrifluoroethane	50	0	47.4	ug/L	95				75	117	
1,1-Dichloroethene	50	0	47.1	ug/L	94				53	162	
Acetone	250	1.50	170	ug/L	67				44	150	
Carbon disulfide	50	0	52.0	ug/L	104				44	135	
Methyl tert-butyl Ether	50	0	43.8	ug/L	88				82	133	
Methyl Acetate	50	0	39.0	ug/L	78				76	138	
Methylene Chloride	50	0	46.1	ug/L	92				79	115	
trans-1,2-Dichloroethene	50	0	47.9	ug/L	96				76	118	
1,1-Dichloroethane	50	0	46.4	ug/L	93				78	122	
Cyclohexane	50	0	43.8	ug/L	88				71	119	
2-Butanone	250	3.50	210	ug/L	83				67	137	
Carbon Tetrachloride	50	0	49.8	ug/L	100				66	133	
cis-1,2-Dichloroethene	50	1.00	46.8	ug/L	92				82	124	
Bromochloromethane	50	0	47.8	ug/L	96				72	130	
Chloroform	50	0.83	48.7	ug/L	96				83	119	
1,1,1-Trichloroethane	50	0	46.9	ug/L	94				83	117	
Methylcyclohexane	50	0	47.3	ug/L	95				64	120	
Benzene	50	0	50.1	ug/L	100				81	128	
1,2-Dichloroethane	50	0	49.3	ug/L	99				76	120	
Trichloroethene	50	1.60	54.2	ug/L	105				28	175	
1,2-Dichloropropane	50	0	49.7	ug/L	99				85	116	
Bromodichloromethane	50	0	51.3	ug/L	103				54	157	
4-Methyl-2-Pentanone	250	0	240	ug/L	96				72	137	
Toluene	50	0	50.2	ug/L	100				85	115	
t-1,3-Dichloropropene	50	0	48.0	ug/L	96				60	141	
cis-1,3-Dichloropropene	50	0	46.8	ug/L	94				36	161	
1,1,2-Trichloroethane	50	0	50.9	ug/L	102				27	175	
2-Hexanone	250	0	220	ug/L	88				75	131	
Dibromochloromethane	50	0	51.9	ug/L	104				59	164	
1,2-Dibromoethane	50	0	51.5	ug/L	103				85	119	
Tetrachloroethene	50	150	280	ug/L	260	*			48	153	
Chlorobenzene	50	0	44.5	ug/L	89				85	114	
Ethyl Benzene	50	0	44.7	ug/L	89				81	128	
m/p-Xylenes	100	0	91.1	ug/L	91				69	129	
o-Xylene	50	0	44.5	ug/L	89				75	127	
Styrene	50	0	45.0	ug/L	90				84	128	
Bromoform	50	0	49.2	ug/L	98				73	147	
Isopropylbenzene	50	0	38.9	ug/L	78				76	121	
1,1,2,2-Tetrachloroethane	50	0	40.3	ug/L	81				81	131	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3311 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultar **Datafile :** VX048177.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	38.9	ug/L	78	*			84	110	
1,4-Dichlorobenzene	50	0	38.7	ug/L	77	*			81	111	
1,2-Dichlorobenzene	50	0	38.9	ug/L	78	*			82	113	
1,2-Dibromo-3-Chloropropane	50	0	36.8	ug/L	74	*			79	137	
1,2,4-Trichlorobenzene	50	0	34.7	ug/L	69	*			73	120	
1,2,3-Trichlorobenzene	50	0	36.5	ug/L	73	*			75	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3311 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultar **Datafile :** VX048178.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3311-04MSD		**Client Sample ID : MW-219MSD**									
Dichlorodifluoromethane	50	0	54.1	ug/L	108		15		73	120	20
Chloromethane	50	0	53.3	ug/L	107		14		58	133	20
Vinyl chloride	50	0	57.4	ug/L	115		16		69	125	20
Bromomethane	50	0	59.0	ug/L	118		15		28	165	20
Chloroethane	50	0	55.2	ug/L	110		16		70	141	20
Trichlorofluoromethane	50	0	57.8	ug/L	116		16		72	124	20
1,1,2-Trichlorotrifluoroethane	50	0	54.8	ug/L	110		14		75	117	20
1,1-Dichloroethene	50	0	56.0	ug/L	112		17		53	162	20
Acetone	250	1.50	200	ug/L	79		16		44	150	20
Carbon disulfide	50	0	61.5	ug/L	123		17		44	135	20
Methyl tert-butyl Ether	50	0	52.3	ug/L	105		18		82	133	20
Methyl Acetate	50	0	45.7	ug/L	91		16		76	138	20
Methylene Chloride	50	0	53.6	ug/L	107		15		79	115	20
trans-1,2-Dichloroethene	50	0	56.9	ug/L	114		17		76	118	20
1,1-Dichloroethane	50	0	54.9	ug/L	110		17		78	122	20
Cyclohexane	50	0	53.0	ug/L	106		19		71	119	20
2-Butanone	250	3.50	250	ug/L	99		18		67	137	20
Carbon Tetrachloride	50	0	54.9	ug/L	110		10		66	133	20
cis-1,2-Dichloroethene	50	1.00	56.0	ug/L	110		18		82	124	20
Bromochloromethane	50	0	48.4	ug/L	97		1		72	130	20
Chloroform	50	0.83	57.0	ug/L	112		15		83	119	20
1,1,1-Trichloroethane	50	0	56.9	ug/L	114		19		83	117	20
Methylcyclohexane	50	0	52.8	ug/L	106		11		64	120	20
Benzene	50	0	56.0	ug/L	112		11		81	128	20
1,2-Dichloroethane	50	0	54.2	ug/L	108		9		76	120	20
Trichloroethene	50	1.60	57.7	ug/L	112		6		28	175	20
1,2-Dichloropropane	50	0	49.8	ug/L	100		0		85	116	20
Bromodichloromethane	50	0	57.0	ug/L	114		11		54	157	20
4-Methyl-2-Pentanone	250	0	260	ug/L	104		8		72	137	20
Toluene	50	0	55.4	ug/L	111		10		85	115	20
t-1,3-Dichloropropene	50	0	53.0	ug/L	106		10		60	141	20
cis-1,3-Dichloropropene	50	0	52.7	ug/L	105		12		36	161	20
1,1,2-Trichloroethane	50	0	55.1	ug/L	110		8		27	175	20
2-Hexanone	250	0	250	ug/L	100		13		75	131	20
Dibromochloromethane	50	0	58.1	ug/L	116		11		59	164	20
1,2-Dibromoethane	50	0	55.9	ug/L	112		8		85	119	20
Tetrachloroethene	50	150	280	ug/L	260	*	0		48	153	20
Chlorobenzene	50	0	54.4	ug/L	109		20		85	114	20
Ethyl Benzene	50	0	53.8	ug/L	108		18		81	128	20
m/p-Xylenes	100	0	110	ug/L	110		19		69	129	20
o-Xylene	50	0	54.3	ug/L	109		20		75	127	20
Styrene	50	0	54.3	ug/L	109		19		84	128	20
Bromoform	50	0	59.6	ug/L	119		19		73	147	20
Isopropylbenzene	50	0	49.5	ug/L	99		24	*	76	121	20
1,1,2,2-Tetrachloroethane	50	0	49.8	ug/L	100		21	*	81	131	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3311 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultar **Datafile :** VX048178.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	50	0	48.3	ug/L	97		22	*	84	110	20
1,4-Dichlorobenzene	50	0	48.4	ug/L	97		22	*	81	111	20
1,2-Dichlorobenzene	50	0	49.3	ug/L	99		24	*	82	113	20
1,2-Dibromo-3-Chloropropane	50	0	47.6	ug/L	95		26	*	79	137	20
1,2,4-Trichlorobenzene	50	0	45.5	ug/L	91		27	*	73	120	20
1,2,3-Trichlorobenzene	50	0	47.7	ug/L	95		27	*	75	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3311 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultants and S **Datafile :** VX048080.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1009WBS02	Dichlorodifluoromethane	20	16.1	ug/L	81			69	116	
	Chloromethane	20	13.9	ug/L	70			65	116	
	Vinyl chloride	20	16.1	ug/L	81			65	117	
	Bromomethane	20	17.5	ug/L	88			58	125	
	Chloroethane	20	16.5	ug/L	83			56	128	
	Trichlorofluoromethane	20	18.2	ug/L	91			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			80	112	
	1,1-Dichloroethene	20	17.1	ug/L	86			74	110	
	Acetone	100	74.6	ug/L	75			60	125	
	Carbon disulfide	20	13.8	ug/L	69			64	112	
	Methyl tert-butyl Ether	20	18.4	ug/L	92			78	114	
	Methyl Acetate	20	20.0	ug/L	100			67	125	
	Methylene Chloride	20	18.2	ug/L	91			72	114	
	trans-1,2-Dichloroethene	20	16.9	ug/L	85			75	108	
	1,1-Dichloroethane	20	19.1	ug/L	96			78	112	
	Cyclohexane	20	15.3	ug/L	77			75	110	
	2-Butanone	100	81.4	ug/L	81			65	122	
	Carbon Tetrachloride	20	18.8	ug/L	94			77	113	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			77	110	
	Bromochloromethane	20	21.5	ug/L	108			70	124	
	Chloroform	20	20.3	ug/L	102			79	113	
	1,1,1-Trichloroethane	20	19.2	ug/L	96			80	108	
	Methylcyclohexane	20	16.3	ug/L	81			72	115	
	Benzene	20	18.5	ug/L	93			82	109	
	1,2-Dichloroethane	20	19.6	ug/L	98			80	115	
	Trichloroethene	20	18.2	ug/L	91			77	113	
	1,2-Dichloropropane	20	19.9	ug/L	100			83	111	
	Bromodichloromethane	20	21.0	ug/L	105			83	110	
	4-Methyl-2-Pentanone	100	92.5	ug/L	93			74	118	
	Toluene	20	18.8	ug/L	94			82	110	
	t-1,3-Dichloropropene	20	19.1	ug/L	96			79	110	
	cis-1,3-Dichloropropene	20	19.3	ug/L	97			82	110	
	1,1,2-Trichloroethane	20	20.9	ug/L	104			83	112	
	2-Hexanone	100	85.4	ug/L	85			73	117	
	Dibromochloromethane	20	21.4	ug/L	107			82	110	
	1,2-Dibromoethane	20	19.8	ug/L	99			81	110	
	Tetrachloroethene	20	17.7	ug/L	89			67	123	
	Chlorobenzene	20	19.0	ug/L	95			82	109	
	Ethyl Benzene	20	18.1	ug/L	91			83	109	
	m/p-Xylenes	40	36.5	ug/L	91			82	110	
	o-Xylene	20	18.3	ug/L	92			83	109	
	Styrene	20	18.7	ug/L	94			80	111	
	Bromoform	20	19.7	ug/L	99			79	109	
	Isopropylbenzene	20	17.9	ug/L	90			83	112	
	1,1,2,2-Tetrachloroethane	20	19.0	ug/L	95			76	118	
	1,3-Dichlorobenzene	20	18.7	ug/L	94			82	108	
	1,4-Dichlorobenzene	20	18.5	ug/L	93			82	107	
	1,2-Dichlorobenzene	20	19.0	ug/L	95			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3311**	**Analytical Method:**	**SW8260-Low**
Client:	**Core Environmental Consultants and**	**Datafile :**	VX048080.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1009WBS02	1,2-Dibromo-3-Chloropropane	20	15.8	ug/L	79			68	112	
	1,2,4-Trichlorobenzene	20	17.6	ug/L	88			75	113	
	1,2,3-Trichlorobenzene	20	17.8	ug/L	89			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3311 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultants and S **Datafile :** VX048104.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1010WBS01	Dichlorodifluoromethane	20	20.7	ug/L	104			69	116	
	Chloromethane	20	17.6	ug/L	88			65	116	
	Vinyl chloride	20	19.2	ug/L	96			65	117	
	Bromomethane	20	20.6	ug/L	103			58	125	
	Chloroethane	20	18.7	ug/L	94			56	128	
	Trichlorofluoromethane	20	19.8	ug/L	99			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/L	100			80	112	
	1,1-Dichloroethene	20	18.5	ug/L	93			74	110	
	Acetone	100	67.1	ug/L	67			60	125	
	Carbon disulfide	20	20.2	ug/L	101			64	112	
	Methyl tert-butyl Ether	20	16.3	ug/L	81			78	114	
	Methyl Acetate	20	14.2	ug/L	71			67	125	
	Methylene Chloride	20	17.6	ug/L	88			72	114	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			75	108	
	1,1-Dichloroethane	20	17.5	ug/L	88			78	112	
	Cyclohexane	20	19.2	ug/L	96			75	110	
	2-Butanone	100	71.9	ug/L	72			65	122	
	Carbon Tetrachloride	20	19.5	ug/L	98			77	113	
	cis-1,2-Dichloroethene	20	17.7	ug/L	89			77	110	
	Bromochloromethane	20	24.4	ug/L	122			70	124	
	Chloroform	20	18.5	ug/L	93			79	113	
	1,1,1-Trichloroethane	20	18.3	ug/L	92			80	108	
	Methylcyclohexane	20	20.4	ug/L	102			72	115	
	Benzene	20	19.2	ug/L	96			82	109	
	1,2-Dichloroethane	20	18.7	ug/L	94			80	115	
	Trichloroethene	20	18.9	ug/L	95			77	113	
	1,2-Dichloropropane	20	18.9	ug/L	95			83	111	
	Bromodichloromethane	20	18.9	ug/L	95			83	110	
	4-Methyl-2-Pentanone	100	81.3	ug/L	81			74	118	
	Toluene	20	19.1	ug/L	96			82	110	
	t-1,3-Dichloropropene	20	18.3	ug/L	92			79	110	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			82	110	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			83	112	
	2-Hexanone	100	76.5	ug/L	77			73	117	
	Dibromochloromethane	20	19.5	ug/L	98			82	110	
	1,2-Dibromoethane	20	18.7	ug/L	94			81	110	
	Tetrachloroethene	20	20.0	ug/L	100			67	123	
	Chlorobenzene	20	18.6	ug/L	93			82	109	
	Ethyl Benzene	20	18.2	ug/L	91			83	109	
	m/p-Xylenes	40	36.7	ug/L	92			82	110	
	o-Xylene	20	18.2	ug/L	91			83	109	
	Styrene	20	17.9	ug/L	90			80	111	
	Bromoform	20	18.0	ug/L	90			79	109	
	Isopropylbenzene	20	17.5	ug/L	88			83	112	
	1,1,2,2-Tetrachloroethane	20	17.0	ug/L	85			76	118	
	1,3-Dichlorobenzene	20	17.5	ug/L	88			82	108	
	1,4-Dichlorobenzene	20	17.4	ug/L	87			82	107	
	1,2-Dichlorobenzene	20	17.4	ug/L	87			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3311**	**Analytical Method:**	**SW8260-Low**
Client:	**Core Environmental Consultants and**	**Datafile :**	VX048104.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1010WBS01	1,2-Dibromo-3-Chloropropane	20	13.9	ug/L	70			68	112	
	1,2,4-Trichlorobenzene	20	16.1	ug/L	81			75	113	
	1,2,3-Trichlorobenzene	20	16.1	ug/L	81			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3311 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultants and S **Datafile :** VX048129.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1013WBS01	Dichlorodifluoromethane	20	21.4	ug/L	107			69	116	
	Chloromethane	20	18.7	ug/L	94			65	116	
	Vinyl chloride	20	20.0	ug/L	100			65	117	
	Bromomethane	20	22.5	ug/L	113			58	125	
	Chloroethane	20	20.0	ug/L	100			56	128	
	Trichlorofluoromethane	20	20.1	ug/L	101			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/L	100			80	112	
	1,1-Dichloroethene	20	19.4	ug/L	97			74	110	
	Acetone	100	79.7	ug/L	80			60	125	
	Carbon disulfide	20	21.6	ug/L	108			64	112	
	Methyl tert-butyl Ether	20	16.9	ug/L	85			78	114	
	Methyl Acetate	20	14.3	ug/L	72			67	125	
	Methylene Chloride	20	18.0	ug/L	90			72	114	
	trans-1,2-Dichloroethene	20	19.8	ug/L	99			75	108	
	1,1-Dichloroethane	20	18.7	ug/L	94			78	112	
	Cyclohexane	20	19.6	ug/L	98			75	110	
	2-Butanone	100	77.9	ug/L	78			65	122	
	Carbon Tetrachloride	20	20.0	ug/L	100			77	113	
	cis-1,2-Dichloroethene	20	18.7	ug/L	94			77	110	
	Bromochloromethane	20	18.1	ug/L	91			70	124	
	Chloroform	20	19.1	ug/L	96			79	113	
	1,1,1-Trichloroethane	20	19.5	ug/L	98			80	108	
	Methylcyclohexane	20	19.9	ug/L	100			72	115	
	Benzene	20	19.8	ug/L	99			82	109	
	1,2-Dichloroethane	20	19.1	ug/L	96			80	115	
	Trichloroethene	20	20.2	ug/L	101			77	113	
	1,2-Dichloropropane	20	19.5	ug/L	98			83	111	
	Bromodichloromethane	20	19.8	ug/L	99			83	110	
	4-Methyl-2-Pentanone	100	83.1	ug/L	83			74	118	
	Toluene	20	20.2	ug/L	101			82	110	
	t-1,3-Dichloropropene	20	18.6	ug/L	93			79	110	
	cis-1,3-Dichloropropene	20	19.4	ug/L	97			82	110	
	1,1,2-Trichloroethane	20	18.9	ug/L	95			83	112	
	2-Hexanone	100	81.2	ug/L	81			73	117	
	Dibromochloromethane	20	20.1	ug/L	101			82	110	
	1,2-Dibromoethane	20	19.7	ug/L	99			81	110	
	Tetrachloroethene	20	20.4	ug/L	102			67	123	
	Chlorobenzene	20	19.5	ug/L	98			82	109	
	Ethyl Benzene	20	19.2	ug/L	96			83	109	
	m/p-Xylenes	40	39.4	ug/L	99			82	110	
	o-Xylene	20	19.4	ug/L	97			83	109	
	Styrene	20	19.0	ug/L	95			80	111	
	Bromoform	20	19.6	ug/L	98			79	109	
	Isopropylbenzene	20	18.0	ug/L	90			83	112	
	1,1,2,2-Tetrachloroethane	20	16.9	ug/L	85			76	118	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			82	108	
	1,4-Dichlorobenzene	20	17.8	ug/L	89			82	107	
	1,2-Dichlorobenzene	20	17.8	ug/L	89			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3311**	**Analytical Method:**	**SW8260-Low**
Client:	**Core Environmental Consultants and**	**Datafile :**	VX048129.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1013WBS01	1,2-Dibromo-3-Chloropropane	20	14.2	ug/L	71			68	112	
	1,2,4-Trichlorobenzene	20	16.4	ug/L	82			75	113	
	1,2,3-Trichlorobenzene	20	16.4	ug/L	82			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3311 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultants and S **Datafile :** VX048156.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1014WBS01	Dichlorodifluoromethane	20	22.9	ug/L	115			69	116	
	Chloromethane	20	17.6	ug/L	88			65	116	
	Vinyl chloride	20	18.5	ug/L	93			65	117	
	Bromomethane	20	19.3	ug/L	97			58	125	
	Chloroethane	20	17.1	ug/L	86			56	128	
	Trichlorofluoromethane	20	19.4	ug/L	97			73	115	
	1,1,2-Trichlorotrifluoroethane	20	20.3	ug/L	102			80	112	
	1,1-Dichloroethene	20	18.9	ug/L	95			74	110	
	Acetone	100	62.3	ug/L	62			60	125	
	Carbon disulfide	20	20.9	ug/L	104			64	112	
	Methyl tert-butyl Ether	20	15.2	ug/L	76		*	78	114	
	Methyl Acetate	20	12.9	ug/L	65		*	67	125	
	Methylene Chloride	20	17.1	ug/L	86			72	114	
	trans-1,2-Dichloroethene	20	18.5	ug/L	93			75	108	
	1,1-Dichloroethane	20	17.0	ug/L	85			78	112	
	Cyclohexane	20	18.8	ug/L	94			75	110	
	2-Butanone	100	67.4	ug/L	67			65	122	
	Carbon Tetrachloride	20	21.2	ug/L	106			77	113	
	cis-1,2-Dichloroethene	20	17.3	ug/L	86			77	110	
	Bromochloromethane	20	17.7	ug/L	89			70	124	
	Chloroform	20	17.6	ug/L	88			79	113	
	1,1,1-Trichloroethane	20	18.6	ug/L	93			80	108	
	Methylcyclohexane	20	21.0	ug/L	105			72	115	
	Benzene	20	19.6	ug/L	98			82	109	
	1,2-Dichloroethane	20	17.4	ug/L	87			80	115	
	Trichloroethene	20	21.1	ug/L	106			77	113	
	1,2-Dichloropropane	20	18.6	ug/L	93			83	111	
	Bromodichloromethane	20	19.1	ug/L	96			83	110	
	4-Methyl-2-Pentanone	100	76.9	ug/L	77			74	118	
	Toluene	20	20.0	ug/L	100			82	110	
	t-1,3-Dichloropropene	20	18.0	ug/L	90			79	110	
	cis-1,3-Dichloropropene	20	18.4	ug/L	92			82	110	
	1,1,2-Trichloroethane	20	18.7	ug/L	94			83	112	
	2-Hexanone	100	74.3	ug/L	74			73	117	
	Dibromochloromethane	20	20.3	ug/L	102			82	110	
	1,2-Dibromoethane	20	19.2	ug/L	96			81	110	
	Tetrachloroethene	20	22.8	ug/L	114			67	123	
	Chlorobenzene	20	19.5	ug/L	98			82	109	
	Ethyl Benzene	20	19.2	ug/L	96			83	109	
	m/p-Xylenes	40	39.5	ug/L	99			82	110	
	o-Xylene	20	19.2	ug/L	96			83	109	
	Styrene	20	19.2	ug/L	96			80	111	
	Bromoform	20	19.9	ug/L	100			79	109	
	Isopropylbenzene	20	17.7	ug/L	89			83	112	
	1,1,2,2-Tetrachloroethane	20	16.0	ug/L	80			76	118	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			82	108	
	1,4-Dichlorobenzene	20	17.7	ug/L	89			82	107	
	1,2-Dichlorobenzene	20	17.5	ug/L	88			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3311**	**Analytical Method:**	**SW8260-Low**
Client:	**Core Environmental Consultants and**	**Datafile :**	VX048156.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1014WBS01	1,2-Dibromo-3-Chloropropane	20	14.1	ug/L	71			68	112	
	1,2,4-Trichlorobenzene	20	16.1	ug/L	81			75	113	
	1,2,3-Trichlorobenzene	20	16.4	ug/L	82			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3311 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultants and S **Datafile :** VX048209.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1017WBS01	Dichlorodifluoromethane	20	18.3	ug/L	92			69	116	
	Chloromethane	20	18.5	ug/L	93			65	116	
	Vinyl chloride	20	18.7	ug/L	94			65	117	
	Bromomethane	20	19.2	ug/L	96			58	125	
	Chloroethane	20	17.9	ug/L	90			56	128	
	Trichlorofluoromethane	20	17.8	ug/L	89			73	115	
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/L	98			80	112	
	1,1-Dichloroethene	20	19.1	ug/L	96			74	110	
	Acetone	100	86.1	ug/L	86			60	125	
	Carbon disulfide	20	18.8	ug/L	94			64	112	
	Methyl tert-butyl Ether	20	19.2	ug/L	96			78	114	
	Methyl Acetate	20	18.9	ug/L	95			67	125	
	Methylene Chloride	20	18.7	ug/L	94			72	114	
	trans-1,2-Dichloroethene	20	20.1	ug/L	101			75	108	
	1,1-Dichloroethane	20	18.1	ug/L	91			78	112	
	Cyclohexane	20	20.9	ug/L	104			75	110	
	2-Butanone	100	95.3	ug/L	95			65	122	
	Carbon Tetrachloride	20	19.9	ug/L	100			77	113	
	cis-1,2-Dichloroethene	20	18.2	ug/L	91			77	110	
	Bromochloromethane	20	18.9	ug/L	95			70	124	
	Chloroform	20	18.2	ug/L	91			79	113	
	1,1,1-Trichloroethane	20	19.8	ug/L	99			80	108	
	Methylcyclohexane	20	20.5	ug/L	103			72	115	
	Benzene	20	19.5	ug/L	98			82	109	
	1,2-Dichloroethane	20	19.9	ug/L	100			80	115	
	Trichloroethene	20	19.5	ug/L	98			77	113	
	1,2-Dichloropropane	20	19.3	ug/L	97			83	111	
	Bromodichloromethane	20	19.3	ug/L	97			83	110	
	4-Methyl-2-Pentanone	100	110	ug/L	110			74	118	
	Toluene	20	20.1	ug/L	101			82	110	
	t-1,3-Dichloropropene	20	19.4	ug/L	97			79	110	
	cis-1,3-Dichloropropene	20	19.5	ug/L	98			82	110	
	1,1,2-Trichloroethane	20	20.6	ug/L	103			83	112	
	2-Hexanone	100	100	ug/L	100			73	117	
	Dibromochloromethane	20	20.5	ug/L	103			82	110	
	1,2-Dibromoethane	20	20.9	ug/L	104			81	110	
	Tetrachloroethene	20	18.9	ug/L	95			67	123	
	Chlorobenzene	20	19.3	ug/L	97			82	109	
	Ethyl Benzene	20	19.4	ug/L	97			83	109	
	m/p-Xylenes	40	39.5	ug/L	99			82	110	
	o-Xylene	20	19.9	ug/L	100			83	109	
	Styrene	20	20.0	ug/L	100			80	111	
	Bromoform	20	19.0	ug/L	95			79	109	
	Isopropylbenzene	20	19.8	ug/L	99			83	112	
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97			76	118	
	1,3-Dichlorobenzene	20	19.0	ug/L	95			82	108	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			82	107	
	1,2-Dichlorobenzene	20	18.9	ug/L	95			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3311**	**Analytical Method:**	**SW8260-Low**
Client:	**Core Environmental Consultants and**	**Datafile :**	VX048209.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1017WBS01	1,2-Dibromo-3-Chloropropane	20	19.0	ug/L	95			68	112	
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96			75	113	
	1,2,3-Trichlorobenzene	20	19.4	ug/L	97			76	114	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1009WBL01

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048074.D Lab Sample ID: VX1009WBL01

Date Analyzed: 10/09/2025 Time Analyzed: 09:55

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1009WBS02	VX1009WBS02	VX048080.D	10/09/2025
MW-218	Q3311-01	VX048081.D	10/09/2025
MW-1S	Q3311-05	VX048082.D	10/09/2025
MW-1D	Q3311-06	VX048083.D	10/09/2025
MW-2S	Q3311-07	VX048084.D	10/09/2025
MW-101S	Q3311-08	VX048085.D	10/09/2025
C-MW-3	Q3311-09	VX048086.D	10/09/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1010WBL01

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048102.D Lab Sample ID: VX1010WBL01

Date Analyzed: 10/10/2025 Time Analyzed: 11:33

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1010WBS01	VX1010WBS01	VX048104.D	10/10/2025
MW-1DDL	Q3311-06DL	VX048114.D	10/10/2025
MW-218DL	Q3311-01DL	VX048115.D	10/10/2025
MW-101SDL	Q3311-08DL	VX048116.D	10/10/2025
MW-1SDL	Q3311-05DL	VX048117.D	10/10/2025
C-MW-3DL	Q3311-09DL	VX048118.D	10/10/2025
MW-6BA	Q3311-11	VX048119.D	10/10/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1013WBL01

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3311

Lab File ID: VX048128.D | Lab Sample ID: VX1013WBL01

Date Analyzed: 10/13/2025 | Time Analyzed: 09:46

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1013WBS01	VX1013WBS01	VX048129.D	10/13/2025
MW-5BA	Q3311-10	VX048134.D	10/13/2025
MW-214D	Q3311-12	VX048135.D	10/13/2025
MW-215D	Q3311-13	VX048137.D	10/13/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1014WBL01

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048155.D Lab Sample ID: VX1014WBL01

Date Analyzed: 10/14/2025 Time Analyzed: 10:52

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1014WBS01	VX1014WBS01	VX048156.D	10/14/2025
MW-215DDL	Q3311-13DL	VX048158.D	10/14/2025
MW-227B	Q3311-14	VX048159.D	10/14/2025
MW-227BDL	Q3311-14DL	VX048160.D	10/14/2025
GW-DUP	Q3311-15	VX048161.D	10/14/2025
MW-219	Q3311-02	VX048176.D	10/14/2025
MW-219MS	Q3311-03MS	VX048177.D	10/14/2025
MW-219MSD	Q3311-04MSD	VX048178.D	10/14/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1017WBL01

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048207.D Lab Sample ID: VX1017WBL01

Date Analyzed: 10/17/2025 Time Analyzed: 13:15

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MW-214DDL	Q3311-12DL	VX048208.D	10/17/2025
VX1017WBS01	VX1017WBS01	VX048209.D	10/17/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3311

Lab File ID: VX047584.D | BFB Injection Date: 09/16/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:56

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20
75	30.0 - 60.0% of mass 95	54
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	67.3
175	5.0 - 9.0% of mass 174	5.4 (8.1) 1
176	95.0 - 101.0% of mass 174	66.3 (98.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX047585.D	09/16/2025	09:23
VSTDICC005	VSTDICC005	VX047586.D	09/16/2025	10:16
VSTDICC020	VSTDICC020	VX047587.D	09/16/2025	10:37
VSTDICCC050	VSTDICCC050	VX047588.D	09/16/2025	10:58
VSTDICC100	VSTDICC100	VX047589.D	09/16/2025	11:40
VSTDICC150	VSTDICC150	VX047590.D	09/16/2025	12:01

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG NO.: Q3311
Lab File ID: VX048071.D
BFB Injection Date: 10/09/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:35
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.1
75	30.0 - 60.0% of mass 95	52.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	70.3
175	5.0 - 9.0% of mass 174	5.3 (7.6) 1
176	95.0 - 101.0% of mass 174	68.9 (98) 1
177	5.0 - 9.0% of mass 176	4.4 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048072.D	10/09/2025	09:06
VX1009WBL01	VX1009WBL01	VX048074.D	10/09/2025	09:55
VX1009WBS02	VX1009WBS02	VX048080.D	10/09/2025	12:58
MW-218	Q3311-01	VX048081.D	10/09/2025	13:19
MW-1S	Q3311-05	VX048082.D	10/09/2025	13:39
MW-1D	Q3311-06	VX048083.D	10/09/2025	14:00
MW-2S	Q3311-07	VX048084.D	10/09/2025	14:20
MW-101S	Q3311-08	VX048085.D	10/09/2025	14:41
C-MW-3	Q3311-09	VX048086.D	10/09/2025	15:01

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG NO.: Q3311
Lab File ID: VX048099.D
BFB Injection Date: 10/10/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:36
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.2
75	30.0 - 60.0% of mass 95	51.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	67
175	5.0 - 9.0% of mass 174	5.1 (7.6) 1
176	95.0 - 101.0% of mass 174	66.9 (99.9) 1
177	5.0 - 9.0% of mass 176	4.2 (6.3) 2

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

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048100.D	10/10/2025	10:45
VX1010WBL01	VX1010WBL01	VX048102.D	10/10/2025	11:33
VX1010WBS01	VX1010WBS01	VX048104.D	10/10/2025	12:30
MW-1DDL	Q3311-06DL	VX048114.D	10/10/2025	15:54
MW-218DL	Q3311-01DL	VX048115.D	10/10/2025	16:15
MW-101SDL	Q3311-08DL	VX048116.D	10/10/2025	16:35
MW-1SDL	Q3311-05DL	VX048117.D	10/10/2025	16:56
C-MW-3DL	Q3311-09DL	VX048118.D	10/10/2025	17:16
MW-6BA	Q3311-11	VX048119.D	10/10/2025	17:37

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG NO.: Q3311
Lab File ID: VX048125.D
BFB Injection Date: 10/13/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:13
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.9
75	30.0 - 60.0% of mass 95	52.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.9 (1.3) 1
174	50.0 - 100.0% of mass 95	68.4
175	5.0 - 9.0% of mass 174	5.3 (7.8) 1
176	95.0 - 101.0% of mass 174	66.7 (97.5) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048126.D	10/13/2025	08:55
VX1013WBL01	VX1013WBL01	VX048128.D	10/13/2025	09:46
VX1013WBS01	VX1013WBS01	VX048129.D	10/13/2025	10:43
MW-5BA	Q3311-10	VX048134.D	10/13/2025	12:25
MW-214D	Q3311-12	VX048135.D	10/13/2025	12:46
MW-215D	Q3311-13	VX048137.D	10/13/2025	13:27

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG NO.: Q3311
Lab File ID: VX048152.D
BFB Injection Date: 10/14/2025
Instrument ID: MSVOA_X
BFB Injection Time: 09:33
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.6
75	30.0 - 60.0% of mass 95	53.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	69.1
175	5.0 - 9.0% of mass 174	5.3 (7.7) 1
176	95.0 - 101.0% of mass 174	66.7 (96.5) 1
177	5.0 - 9.0% of mass 176	4.5 (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 ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX048153.D	10/14/2025	10:02
VX1014WBL01	VX1014WBL01	VX048155.D	10/14/2025	10:52
VX1014WBS01	VX1014WBS01	VX048156.D	10/14/2025	11:20
MW-215DDL	Q3311-13DL	VX048158.D	10/14/2025	12:28
MW-227B	Q3311-14	VX048159.D	10/14/2025	12:49
MW-227BDL	Q3311-14DL	VX048160.D	10/14/2025	13:09
GW-DUP	Q3311-15	VX048161.D	10/14/2025	13:30
MW-219	Q3311-02	VX048176.D	10/14/2025	18:38
MW-219MS	Q3311-03MS	VX048177.D	10/14/2025	18:59
MW-219MSD	Q3311-04MSD	VX048178.D	10/14/2025	19:20

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG NO.: Q3311
Lab File ID: VX048197.D
BFB Injection Date: 10/17/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:17
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	53.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	71.6
175	5.0 - 9.0% of mass 174	5.3 (7.4) 1
176	95.0 - 101.0% of mass 174	68.1 (95.1) 1
177	5.0 - 9.0% of mass 176	4.8 (7.1) 2

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

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX048198.D	10/17/2025	08:45
VSTDICC005	VSTDICC005	VX048199.D	10/17/2025	09:14
VSTDICC020	VSTDICC020	VX048200.D	10/17/2025	09:35
VSTDICCC050	VSTDICCC050	VX048201.D	10/17/2025	09:55
VSTDICC100	VSTDICC100	VX048202.D	10/17/2025	10:16
VSTDICC150	VSTDICC150	VX048203.D	10/17/2025	10:36
VX1017WBL01	VX1017WBL01	VX048207.D	10/17/2025	13:15
MW-214DDL	Q3311-12DL	VX048208.D	10/17/2025	13:43
VX1017WBS01	VX1017WBS01	VX048209.D	10/17/2025	14:03

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048072.D Date Analyzed: 10/09/2025

Instrument ID: MSVOA_X Time Analyzed: 09:06

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	133891	5.53	232812	6.74	208761	10.04
UPPER LIMIT	267782	6.031	465624	7.239	417522	10.537
LOWER LIMIT	66945.5	5.031	116406	6.239	104381	9.537
EPA SAMPLE NO.						
MW-218	112297	5.54	231304	6.75	229611	10.04
MW-1S	131146	5.54	272486	6.75	257011	10.04
MW-1D	125884	5.54	264953	6.75	275267	10.04
MW-2S	141458	5.54	285694	6.75	303599	10.04
MW-101S	123020	5.54	255257	6.75	258974	10.04
C-MW-3	112301	5.54	232634	6.75	167533	10.04
VX1009WBL01	142595	5.54	298046	6.75	313391	10.04
VX1009WBS02	129714	5.54	229549	6.75	210518	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048072.D Date Analyzed: 10/09/2025

Instrument ID: MSVOA_X Time Analyzed: 09:06

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	103010	12				
UPPER LIMIT	206020	12.5				
LOWER LIMIT	51505	11.5				
EPA SAMPLE NO.						
MW-218	109726	12.01				
MW-1S	132444	12.01				
MW-1D	142615	12.01				
MW-2S	152199	12.01				
MW-101S	132248	12.01				
C-MW-3	104628	12.01				
VX1009WBL01	160166	12.01				
VX1009WBS02	106240	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048100.D Date Analyzed: 10/10/2025

Instrument ID: MSVOA_X Time Analyzed: 10:45

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	124915	5.53	216127	6.74	194988	10.04
UPPER LIMIT	249830	6.025	432254	7.238	389976	10.537
LOWER LIMIT	62457.5	5.025	108064	6.238	97494	9.537
EPA SAMPLE NO.						
MW-218DL	107553	5.54	220883	6.75	232642	10.04
MW-1SDL	127982	5.54	267787	6.75	282940	10.04
MW-1DDL	149568	5.54	313800	6.75	328751	10.04
MW-101SDL	127815	5.54	272296	6.75	294793	10.04
C-MW-3DL	130759	5.54	269905	6.75	284581	10.04
MW-6BA	106376	5.54	218035	6.75	223748	10.04
VX1010WBL01	163530	5.54	330351	6.75	333490	10.04
VX1010WBS01	134840	5.53	228857	6.74	211483	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048100.D Date Analyzed: 10/10/2025

Instrument ID: MSVOA_X Time Analyzed: 10:45

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	96783	12.006				
UPPER LIMIT	193566	12.506				
LOWER LIMIT	48391.5	11.506				
EPA SAMPLE NO.						
MW-218DL	113160	12.01				
MW-1SDL	143470	12.01				
MW-1DDL	162002	12.01				
MW-101SDL	148707	12.01				
C-MW-3DL	145743	12.01				
MW-6BA	109569	12.01				
VX1010WBL01	161186	12.01				
VX1010WBS01	106925	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048126.D Date Analyzed: 10/13/2025

Instrument ID: MSVOA_X Time Analyzed: 08:55

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	154232	5.53	259451	6.74	223200	10.04
UPPER LIMIT	308464	6.025	518902	7.239	446400	10.537
LOWER LIMIT	77116	5.025	129726	6.239	111600	9.537
EPA SAMPLE NO.						
MW-5BA	158387	5.54	323274	6.75	331796	10.04
MW-214D	145817	5.54	302188	6.75	311267	10.04
MW-215D	132600	5.54	277826	6.75	287289	10.04
VX1013WBL01	171399	5.54	348950	6.75	354107	10.04
VX1013WBS01	148350	5.53	252959	6.74	229883	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048126.D Date Analyzed: 10/13/2025

Instrument ID: MSVOA_X Time Analyzed: 08:55

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	109642	12				
UPPER LIMIT	219284	12.5				
LOWER LIMIT	54821	11.5				
EPA SAMPLE NO.						
MW-5BA	163977	12.01				
MW-214D	151108	12.01				
MW-215D	142090	12.01				
VX1013WBL01	171429	12.01				
VX1013WBS01	119033	12.00				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048153.D Date Analyzed: 10/14/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	124958	5.53	212282	6.74	195629	10.04
UPPER LIMIT	249916	6.031	424564	7.239	391258	10.537
LOWER LIMIT	62479	5.031	106141	6.239	97814.5	9.537
EPA SAMPLE NO.						
MW-219	101378	5.54	188364	6.75	214540	10.04
MW-219MS	113183	5.54	188359	6.75	183859	10.04
MW-219MSD	110142	5.54	199465	6.74	178364	10.04
MW-215DDL	103382	5.54	217778	6.75	217224	10.04
MW-227B	127304	5.54	263250	6.75	264360	10.04
MW-227BDL	117143	5.54	242012	6.75	256907	10.04
GW-DUP	103754	5.54	213396	6.75	226773	10.04
VX1014WBL01	131511	5.54	270081	6.75	285912	10.04
VX1014WBS01	142018	5.54	232029	6.75	210304	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048153.D Date Analyzed: 10/14/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	95000	12.006				
UPPER LIMIT	190000	12.506				
LOWER LIMIT	47500	11.506				
EPA SAMPLE NO.						
MW-219	104145	12.01				
MW-219MS	100149	12.01				
MW-219MSD	94291	12.01				
MW-215DDL	99280	12.01				
MW-227B	131679	12.01				
MW-227BDL	129216	12.01				
GW-DUP	113205	12.01				
VX1014WBL01	141849	12.01				
VX1014WBS01	112794	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048201.D Date Analyzed: 10/17/2025

Instrument ID: MSVOA_X Time Analyzed: 09:55

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	144905	5.54	233738	6.75	208719	10.04
UPPER LIMIT	289810	6.044	467476	7.245	417438	10.537
LOWER LIMIT	72452.5	5.044	116869	6.245	104360	9.537
EPA SAMPLE NO.						
MW-214DDL	83059	5.54	168187	6.75	177290	10.04
VX1017WBL01	129436	5.54	259480	6.75	275267	10.04
VX1017WBS01	157010	5.54	248908	6.75	238012	10.04

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3311

Lab File ID: VX048201.D Date Analyzed: 10/17/2025

Instrument ID: MSVOA_X Time Analyzed: 09:55

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	103673	12.006				
UPPER LIMIT	207346	12.506				
LOWER LIMIT	51836.5	11.506				
EPA SAMPLE NO.						
MW-214DDL	85687	12.01				
VX1017WBL01	138959	12.01				
VX1017WBS01	112861	12.01				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-218	SDG No.:	Q3311
Lab Sample ID:	Q3311-01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 13:19	VX100925
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/09/25 13:19	VX100925
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/09/25 13:19	VX100925
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/09/25 13:19	VX100925
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/09/25 13:19	VX100925
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/09/25 13:19	VX100925
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/09/25 13:19	VX100925
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 13:19	VX100925
67-64-1	Acetone	2.10	J	1	1.50	5.00	ug/L	10/09/25 13:19	VX100925
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/09/25 13:19	VX100925
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/09/25 13:19	VX100925
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/09/25 13:19	VX100925
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/09/25 13:19	VX100925
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 13:19	VX100925
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/09/25 13:19	VX100925
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/09/25 13:19	VX100925
78-93-3	2-Butanone	7.80		1	0.98	5.00	ug/L	10/09/25 13:19	VX100925
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/09/25 13:19	VX100925
156-59-2	cis-1,2-Dichloroethene	23.3		1	0.19	1.00	ug/L	10/09/25 13:19	VX100925
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 13:19	VX100925
67-66-3	Chloroform	7.30		1	0.25	1.00	ug/L	10/09/25 13:19	VX100925
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/09/25 13:19	VX100925
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/09/25 13:19	VX100925
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/09/25 13:19	VX100925
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 13:19	VX100925
79-01-6	Trichloroethene	52.2		1	0.090	1.00	ug/L	10/09/25 13:19	VX100925
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/09/25 13:19	VX100925
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 13:19	VX100925
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/09/25 13:19	VX100925
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/09/25 13:19	VX100925
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/09/25 13:19	VX100925
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/09/25 13:19	VX100925
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/09/25 13:19	VX100925
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/09/25 13:19	VX100925
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/09/25 13:19	VX100925
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/09/25 13:19	VX100925
127-18-4	Tetrachloroethene	410	E	1	0.23	1.00	ug/L	10/09/25 13:19	VX100925
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 13:19	VX100925
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/09/25 13:19	VX100925
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/09/25 13:19	VX100925
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/09/25 13:19	VX100925
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/09/25 13:19	VX100925
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/09/25 13:19	VX100925

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-218	SDG No.:	Q3311
Lab Sample ID:	Q3311-01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 13:19	VX100925
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/09/25 13:19	VX100925
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 13:19	VX100925
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/09/25 13:19	VX100925
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 13:19	VX100925
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/09/25 13:19	VX100925
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 13:19	VX100925
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 13:19	VX100925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.9			74 - 125	100%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.5			75 - 124	97%	SPK: 50		
2037-26-5	Toluene-d8	48.1			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.8			77 - 121	104%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	112000							
540-36-3	1,4-Difluorobenzene	231000							
3114-55-4	Chlorobenzene-d5	230000							
3855-82-1	1,4-Dichlorobenzene-d4	110000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048081.D
Acq On : 09 Oct 2025 13:19
Operator : JC/MD
Sample : Q3311-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Quant Time: Oct 10 01:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

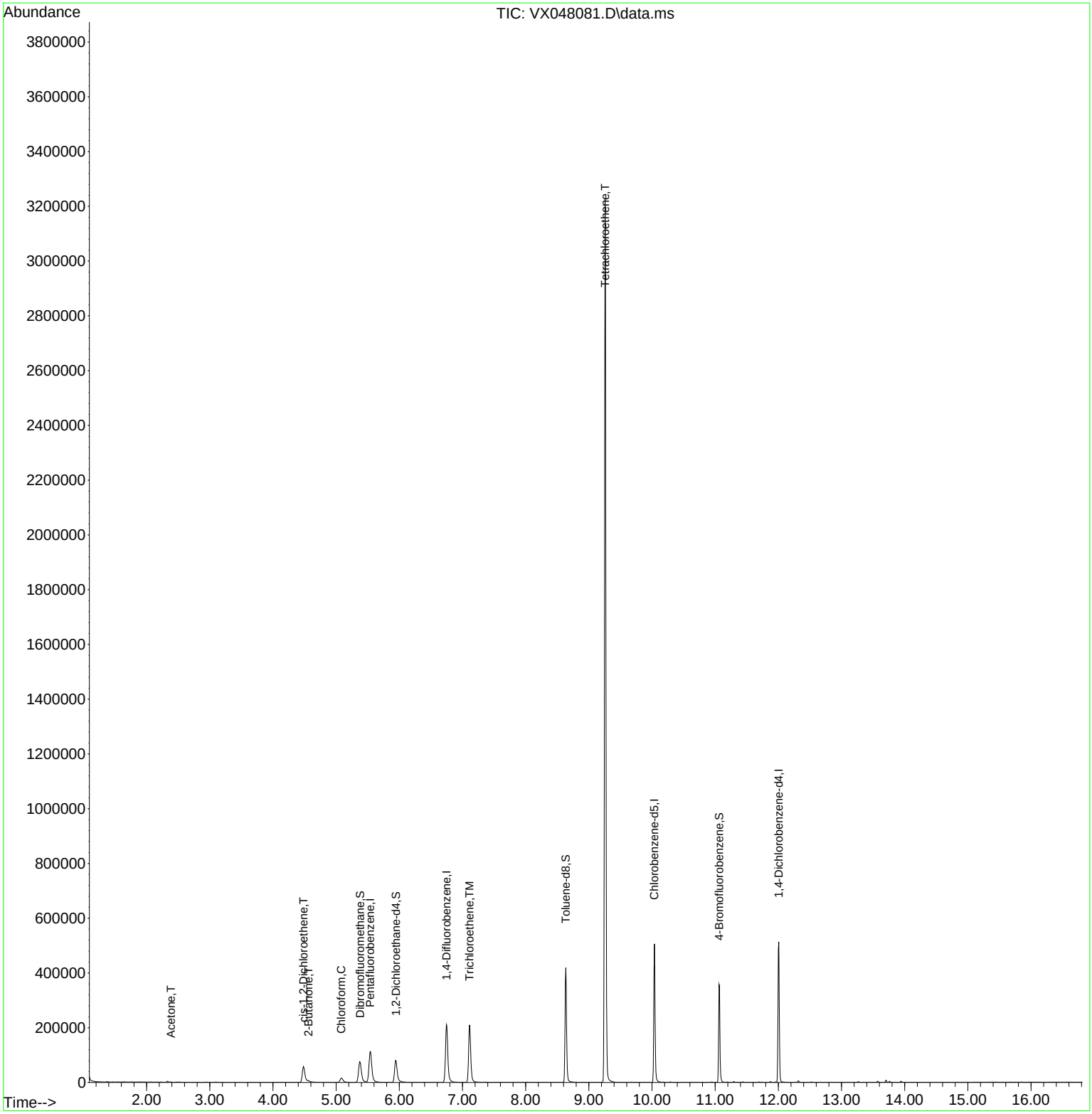
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	112297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	231304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	89211	49.909	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.820%			
35) Dibromofluoromethane	5.379	113	75189	48.470	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.940%			
50) Toluene-d8	8.635	98	258033	48.072	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.140%			
62) 4-Bromofluorobenzene	11.061	95	105541	51.809	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.620%			
Target Compounds						Qvalue
16) Acetone	2.386	43	1657	2.132	ug/l #	81
25) 2-Butanone	4.562	43	7540	7.777	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	40949	23.278	ug/l	89
30) Chloroform	5.080	83	21015	7.333	ug/l	96
44) Trichloroethene	7.111	130	86834	52.169	ug/l	94
64) Tetrachloroethene	9.257	164	608834	406.751	ug/l	100

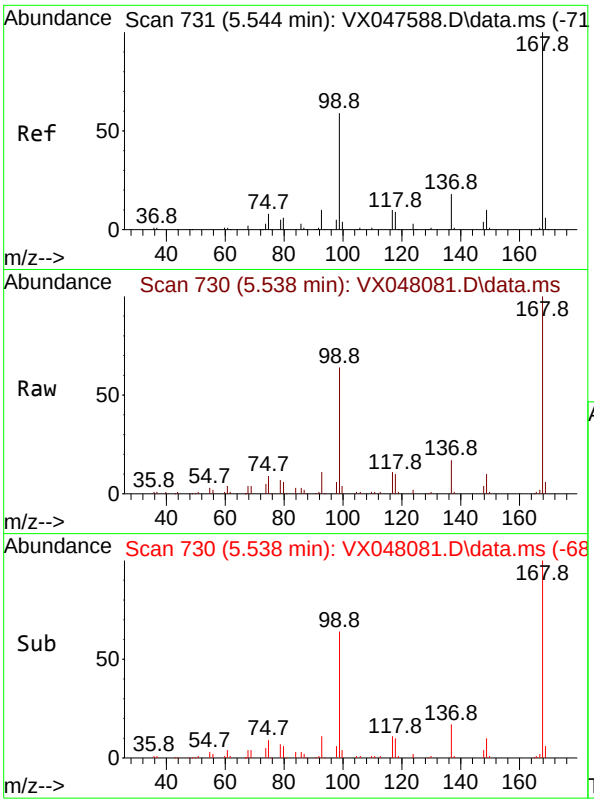
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048081.D
Acq On : 09 Oct 2025 13:19
Operator : JC/MD
Sample : Q3311-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Quant Time: Oct 10 01:22:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



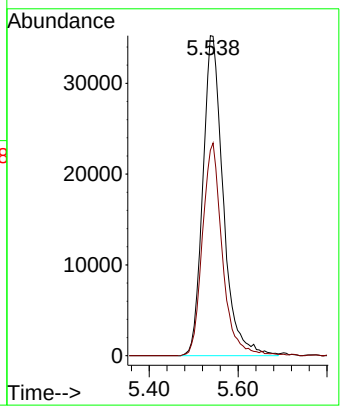


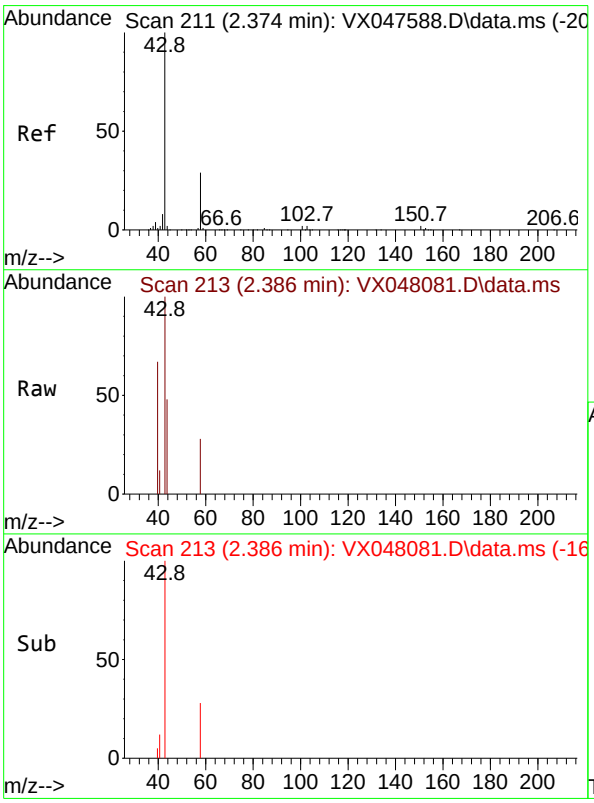
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Tgt Ion:168 Resp: 112297

Ion	Ratio	Lower	Upper
168	100		
99	64.2	48.8	73.2

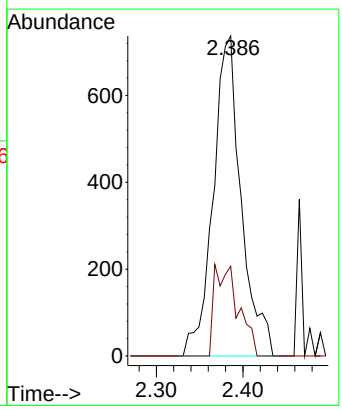


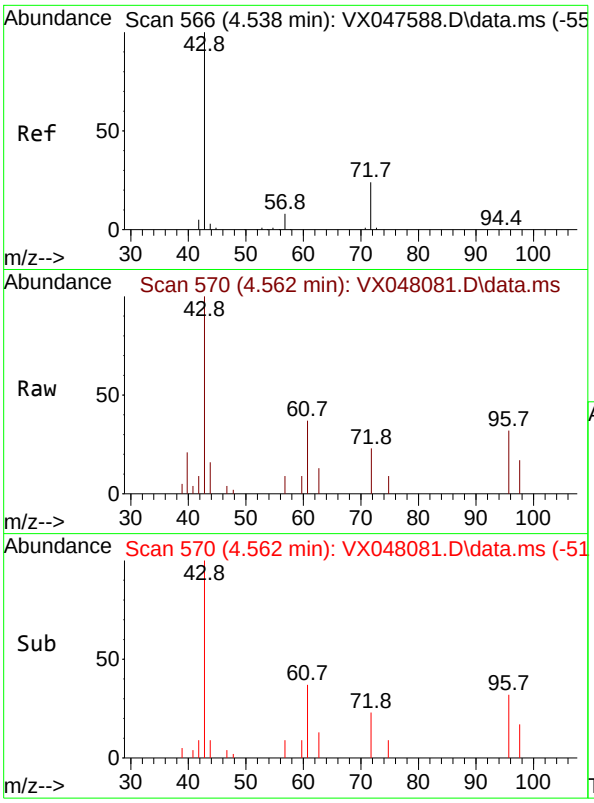


#16
Acetone
Concen: 2.132 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion: 43 Resp: 1657

Ion	Ratio	Lower	Upper
43	100		
58	18.9	23.4	35.0#



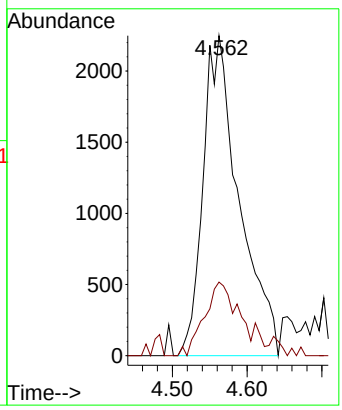


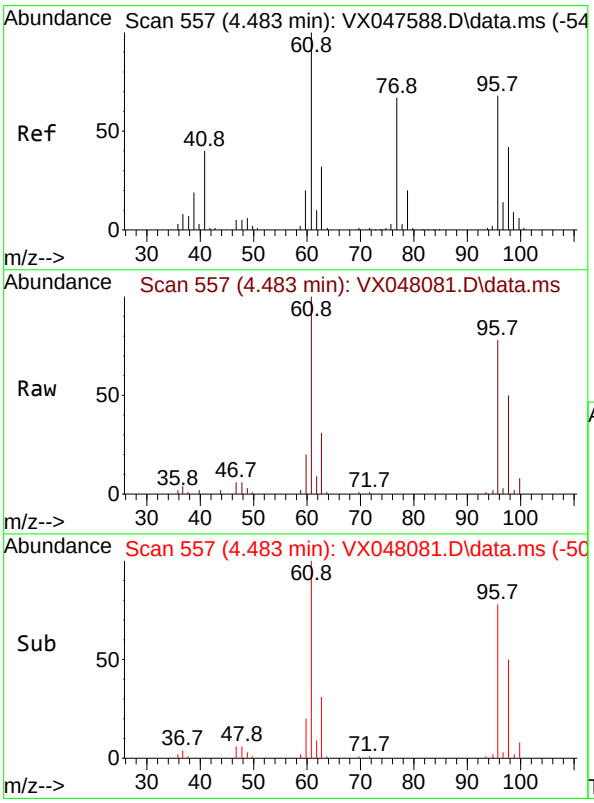
#25
2-Butanone
Concen: 7.777 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Tgt Ion: 43 Resp: 7540

Ion	Ratio	Lower	Upper
43	100		
72	23.0	20.1	30.1

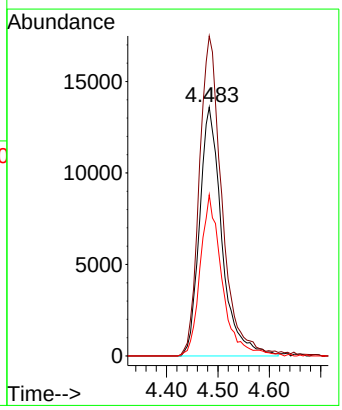


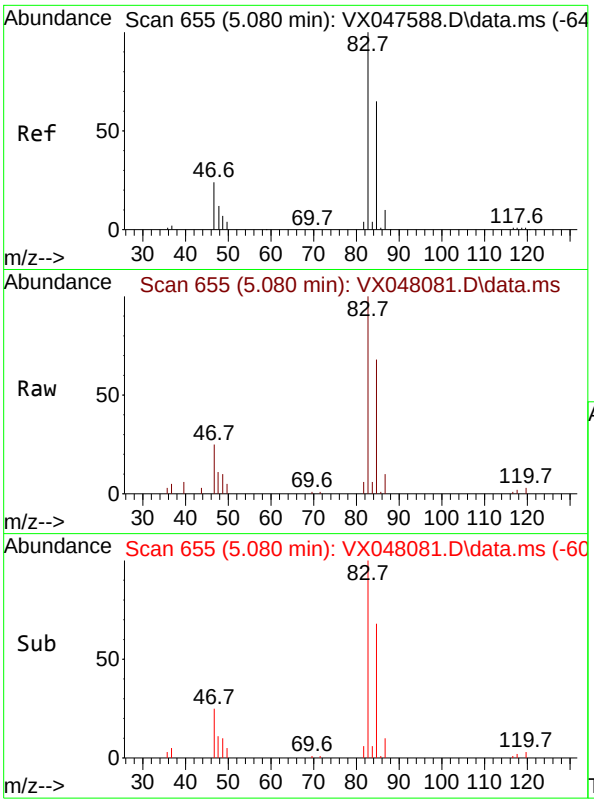


#27
cis-1,2-Dichloroethene
Concen: 23.278 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion: 96 Resp: 40949

Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	303.2
98	63.4	0.0	127.8



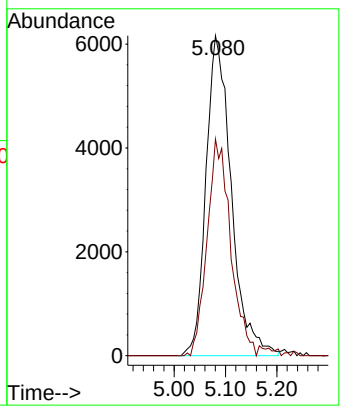


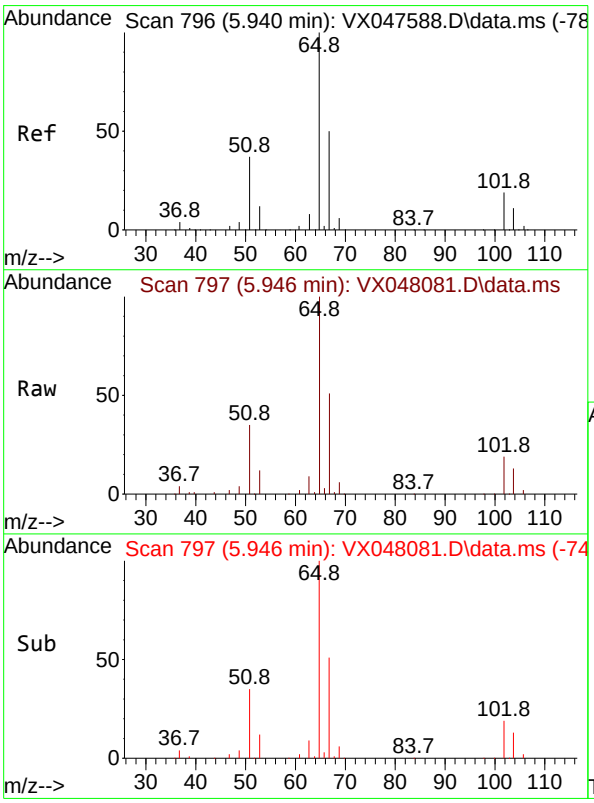
#30
Chloroform
Concen: 7.333 ug/l
RT: 5.080 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Tgt Ion: 83 Resp: 21015

Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.8	77.6

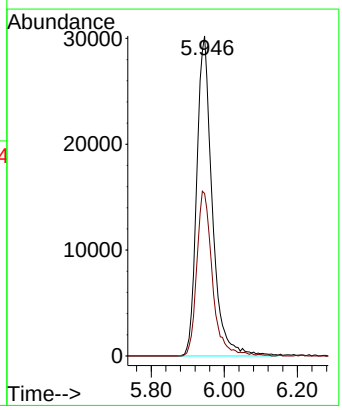


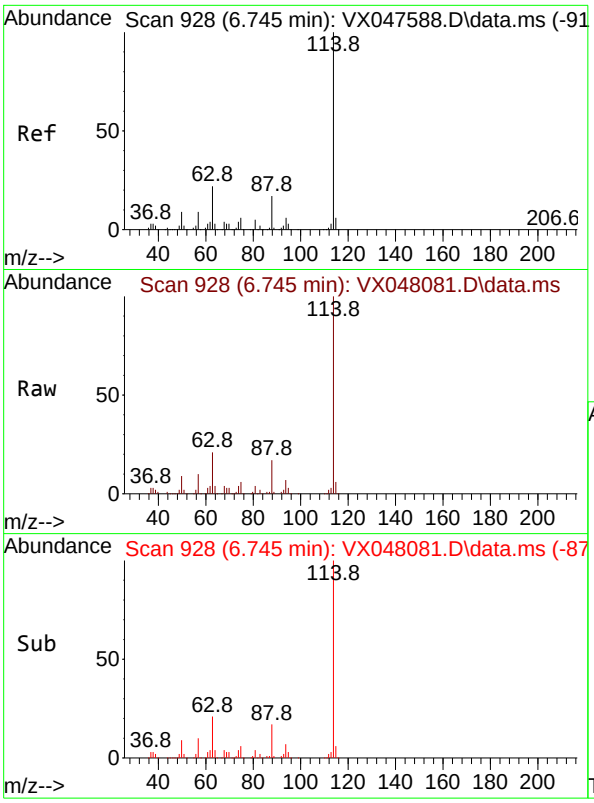


#33
1,2-Dichloroethane-d4
Concen: 49.909 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion: 65 Resp: 89211

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0



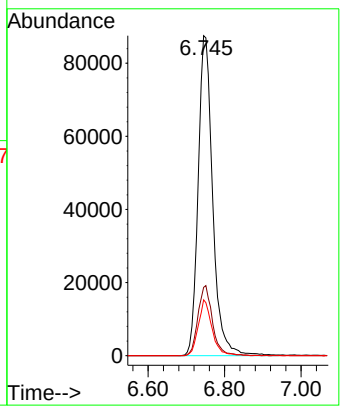


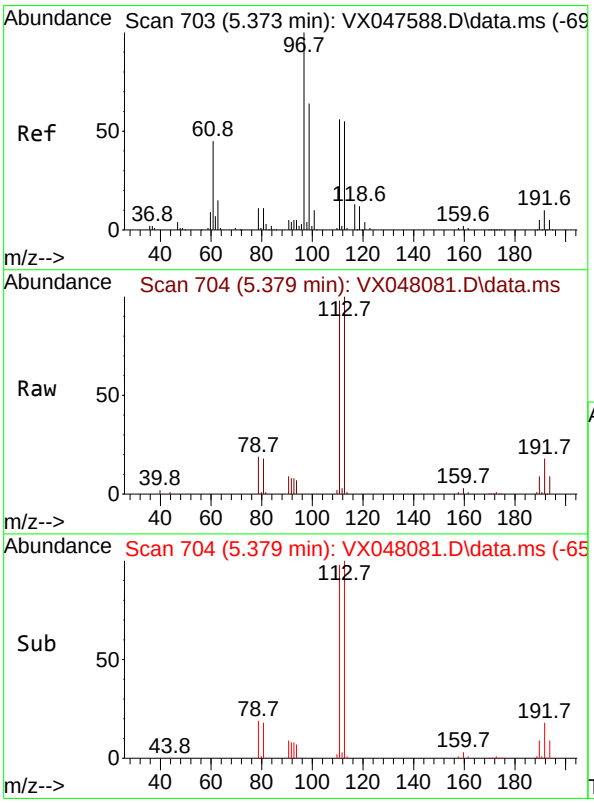
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Tgt Ion:114 Resp: 231304

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.0
88	17.5	0.0	34.2

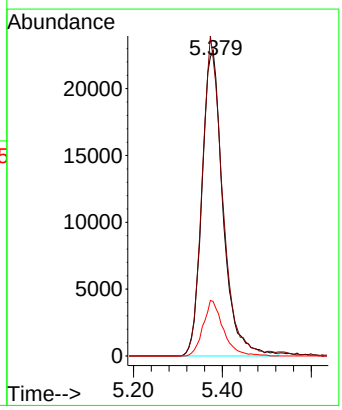


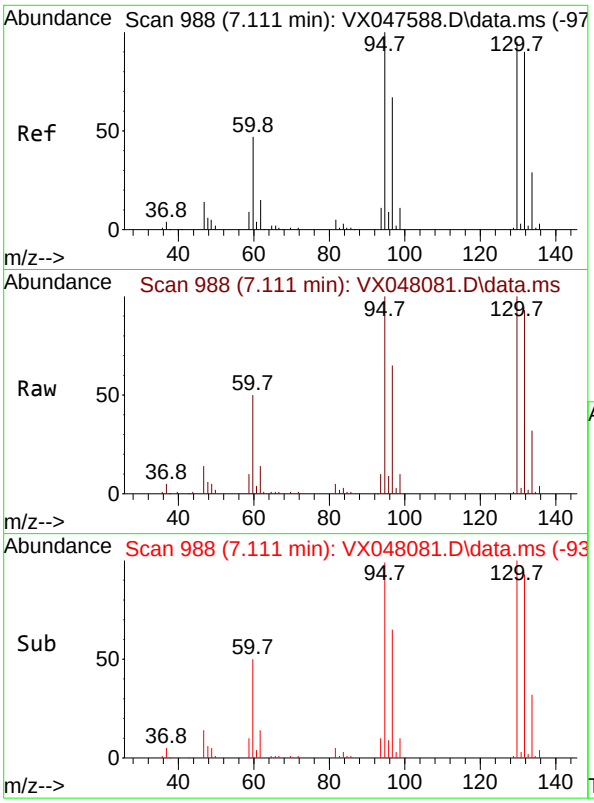


#35
Dibromofluoromethane
Concen: 48.470 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion:113 Resp: 75189

Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.9	121.3
192	17.5	14.2	21.4



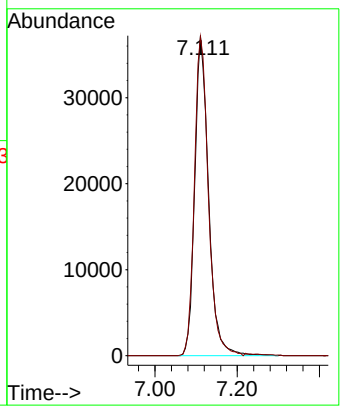


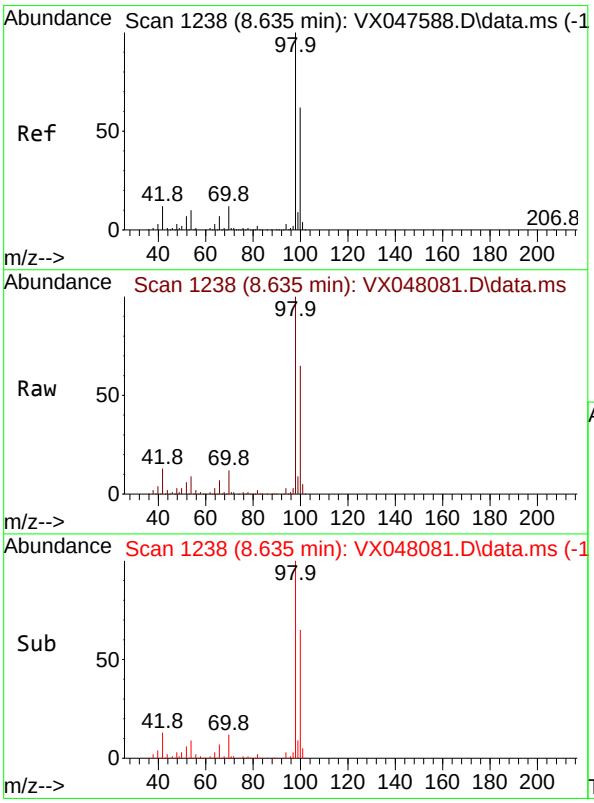
#44
Trichloroethene
Concen: 52.169 ug/l
RT: 7.111 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Tgt Ion:130 Resp: 86834

Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	210.8

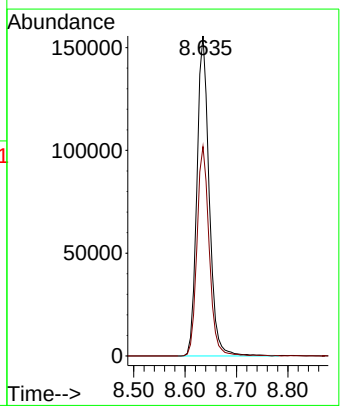


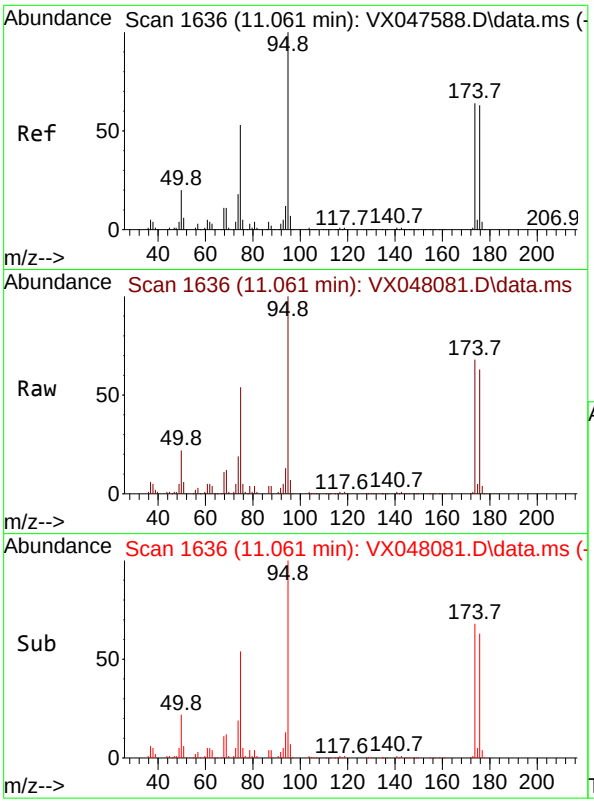


#50
Toluene-d8
Concen: 48.072 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion: 98 Resp: 258033

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.4



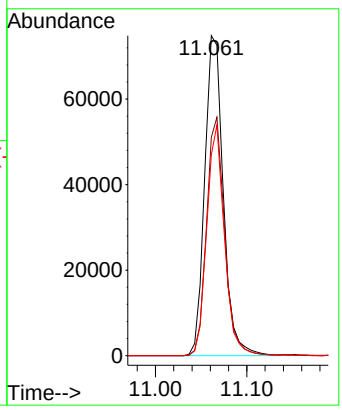


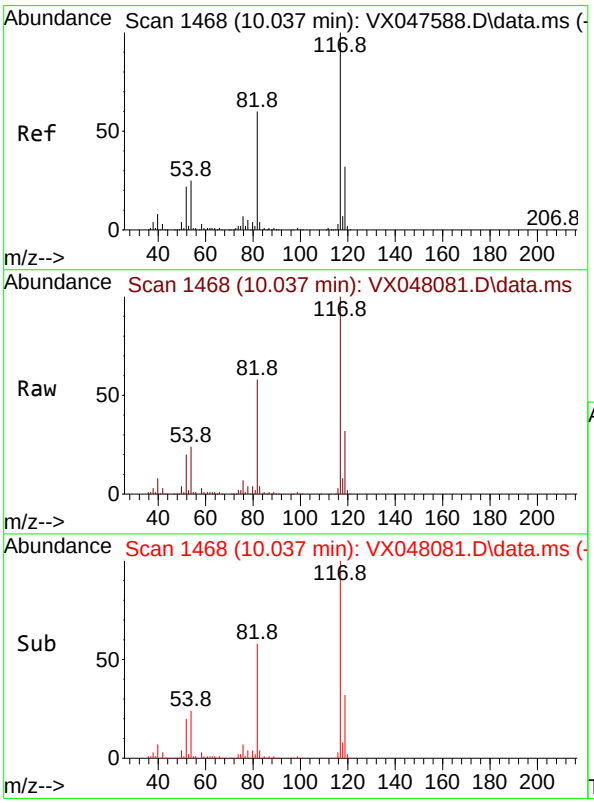
#62
4-Bromofluorobenzene
Concen: 51.809 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Tgt Ion: 95 Resp: 105541

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	141.6
176	68.7	0.0	138.4

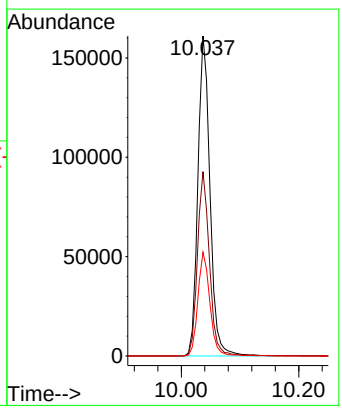


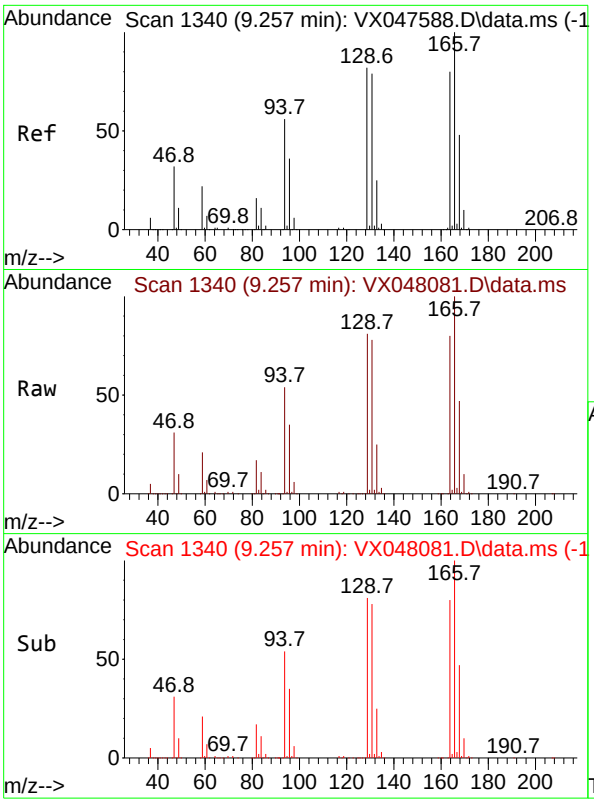


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion:117 Resp: 229611

Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.8	71.6
119	32.4	25.2	37.8



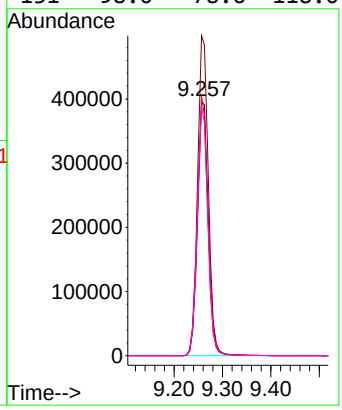


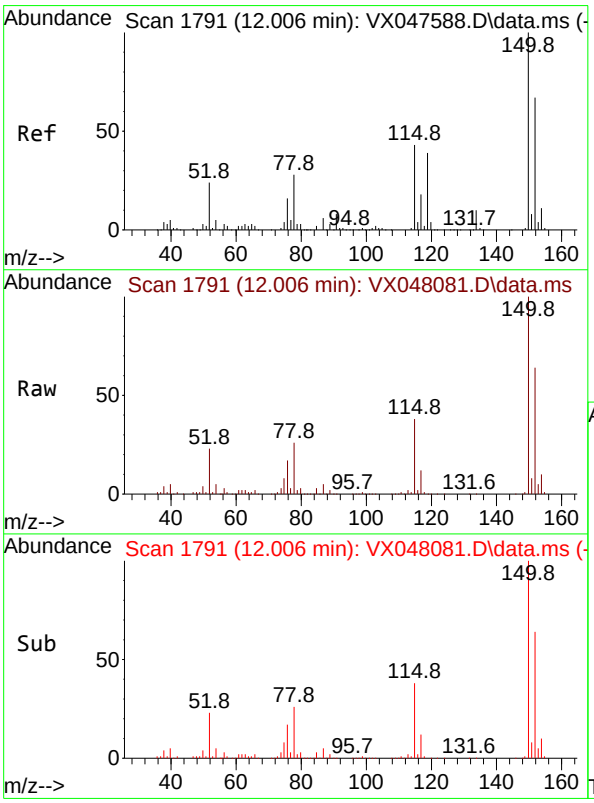
#64
Tetrachloroethene
Concen: 406.751 ug/l
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Tgt Ion:164 Resp: 608834

Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.2	150.2
129	101.9	81.8	122.6
131	98.0	78.6	118.0

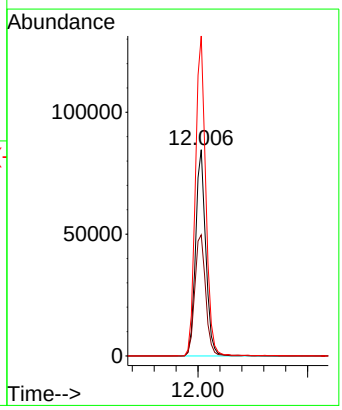




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048081.D
Acq: 09 Oct 2025 13:19

Tgt Ion:152 Resp: 109726

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.9	134.5
150	157.9	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048081.D
Acq On : 09 Oct 2025 13:19
Operator : JC/MD
Sample : Q3311-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048081.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.483	546	557	569	rBV	57893	176468	3.60%	1.830%
2	5.080	644	655	671	rBV	15774	51722	1.06%	0.536%
3	5.373	691	703	720	rBV3	75446	245685	5.01%	2.548%
4	5.538	720	730	749	rVB	111427	348579	7.11%	3.616%
5	5.946	786	797	820	rBV	80707	242023	4.94%	2.510%
6	6.745	914	928	957	rBV	211536	556092	11.35%	5.768%
7	7.111	979	988	1004	rBV	209506	492332	10.05%	5.107%
8	8.635	1231	1238	1259	rBV	418383	697216	14.23%	7.232%
9	9.257	1333	1340	1369	rBV	3226554	4900399	100.00%	50.830%
10	10.037	1462	1468	1489	rBV	505719	726100	14.82%	7.532%
11	11.061	1631	1636	1651	rBV	357574	503948	10.28%	5.227%
12	12.006	1785	1791	1807	rBV	512591	700180	14.29%	7.263%

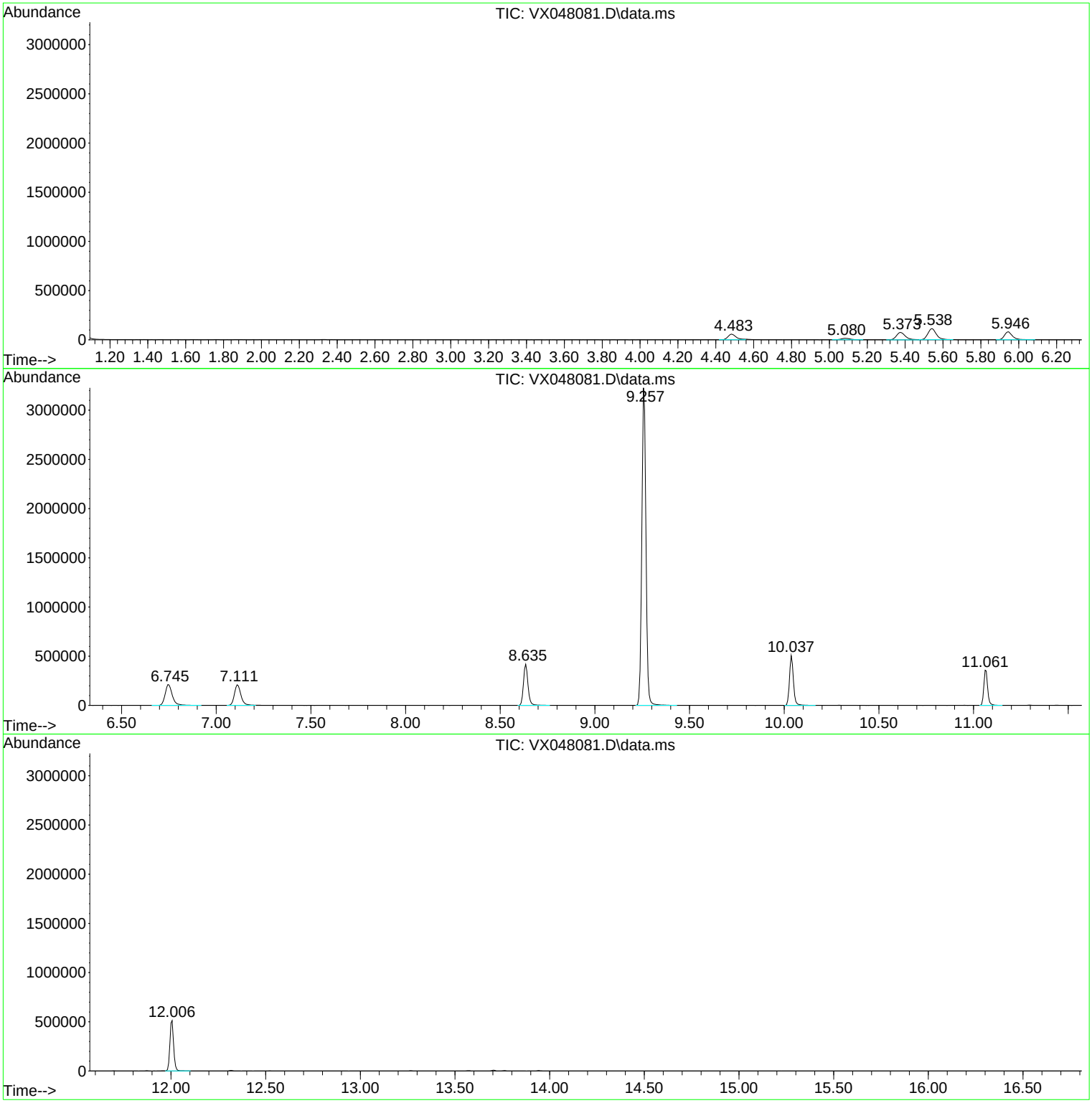
Sum of corrected areas: 9640744

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048081.D
Acq On : 09 Oct 2025 13:19
Operator : JC/MD
Sample : Q3311-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048081.D
Acq On : 09 Oct 2025 13:19
Operator : JC/MD
Sample : Q3311-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048081.D
Acq On : 09 Oct 2025 13:19
Operator : JC/MD
Sample : Q3311-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-218

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-218DL	SDG No.:	Q3311
Lab Sample ID:	Q3311-01DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	10.0	UD	10	2.20	10.0	ug/L	10/10/25 16:15	VX101025
74-87-3	Chloromethane	10.0	UD	10	3.20	10.0	ug/L	10/10/25 16:15	VX101025
75-01-4	Vinyl Chloride	10.0	UD	10	2.60	10.0	ug/L	10/10/25 16:15	VX101025
74-83-9	Bromomethane	50.0	UD	10	14.4	50.0	ug/L	10/10/25 16:15	VX101025
75-00-3	Chloroethane	10.0	UD	10	4.70	10.0	ug/L	10/10/25 16:15	VX101025
75-69-4	Trichlorofluoromethane	10.0	UD	10	3.30	10.0	ug/L	10/10/25 16:15	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	10.0	UD	10	2.50	10.0	ug/L	10/10/25 16:15	VX101025
75-35-4	1,1-Dichloroethene	10.0	UD	10	2.30	10.0	ug/L	10/10/25 16:15	VX101025
67-64-1	Acetone	50.0	UD	10	15.1	50.0	ug/L	10/10/25 16:15	VX101025
75-15-0	Carbon Disulfide	10.0	UD	10	2.10	10.0	ug/L	10/10/25 16:15	VX101025
1634-04-4	Methyl tert-butyl Ether	10.0	UD	10	1.60	10.0	ug/L	10/10/25 16:15	VX101025
79-20-9	Methyl Acetate	10.0	UD	10	2.70	10.0	ug/L	10/10/25 16:15	VX101025
75-09-2	Methylene Chloride	10.0	UD	10	2.80	10.0	ug/L	10/10/25 16:15	VX101025
156-60-5	trans-1,2-Dichloroethene	10.0	UD	10	2.30	10.0	ug/L	10/10/25 16:15	VX101025
75-34-3	1,1-Dichloroethane	10.0	UD	10	2.30	10.0	ug/L	10/10/25 16:15	VX101025
110-82-7	Cyclohexane	50.0	UD	10	14.5	50.0	ug/L	10/10/25 16:15	VX101025
78-93-3	2-Butanone	50.0	UD	10	9.80	50.0	ug/L	10/10/25 16:15	VX101025
56-23-5	Carbon Tetrachloride	10.0	UD	10	2.50	10.0	ug/L	10/10/25 16:15	VX101025
156-59-2	cis-1,2-Dichloroethene	22.6	D	10	1.90	10.0	ug/L	10/10/25 16:15	VX101025
74-97-5	Bromochloromethane	10.0	UD	10	2.20	10.0	ug/L	10/10/25 16:15	VX101025
67-66-3	Chloroform	8.10	JD	10	2.50	10.0	ug/L	10/10/25 16:15	VX101025
71-55-6	1,1,1-Trichloroethane	10.0	UD	10	2.00	10.0	ug/L	10/10/25 16:15	VX101025
108-87-2	Methylcyclohexane	10.0	UD	10	1.60	10.0	ug/L	10/10/25 16:15	VX101025
71-43-2	Benzene	10.0	UD	10	1.50	10.0	ug/L	10/10/25 16:15	VX101025
107-06-2	1,2-Dichloroethane	10.0	UD	10	2.20	10.0	ug/L	10/10/25 16:15	VX101025
79-01-6	Trichloroethene	40.6	D	10	0.93	10.0	ug/L	10/10/25 16:15	VX101025
78-87-5	1,2-Dichloropropane	10.0	UD	10	2.00	10.0	ug/L	10/10/25 16:15	VX101025
75-27-4	Bromodichloromethane	10.0	UD	10	2.20	10.0	ug/L	10/10/25 16:15	VX101025
108-10-1	4-Methyl-2-Pentanone	50.0	UD	10	6.80	50.0	ug/L	10/10/25 16:15	VX101025
108-88-3	Toluene	10.0	UD	10	1.40	10.0	ug/L	10/10/25 16:15	VX101025
10061-02-6	t-1,3-Dichloropropene	10.0	UD	10	1.70	10.0	ug/L	10/10/25 16:15	VX101025
10061-01-5	cis-1,3-Dichloropropene	10.0	UD	10	1.60	10.0	ug/L	10/10/25 16:15	VX101025
79-00-5	1,1,2-Trichloroethane	10.0	UD	10	2.10	10.0	ug/L	10/10/25 16:15	VX101025
591-78-6	2-Hexanone	50.0	UD	10	8.90	50.0	ug/L	10/10/25 16:15	VX101025
124-48-1	Dibromochloromethane	10.0	UD	10	1.80	10.0	ug/L	10/10/25 16:15	VX101025
106-93-4	1,2-Dibromoethane	10.0	UD	10	1.50	10.0	ug/L	10/10/25 16:15	VX101025
127-18-4	Tetrachloroethene	340	D	10	2.30	10.0	ug/L	10/10/25 16:15	VX101025
108-90-7	Chlorobenzene	10.0	UD	10	1.20	10.0	ug/L	10/10/25 16:15	VX101025
100-41-4	Ethyl Benzene	10.0	UD	10	1.30	10.0	ug/L	10/10/25 16:15	VX101025
179601-23-1	m/p-Xylenes	20.0	UD	10	2.40	20.0	ug/L	10/10/25 16:15	VX101025
95-47-6	o-Xylene	10.0	UD	10	1.20	10.0	ug/L	10/10/25 16:15	VX101025
100-42-5	Styrene	10.0	UD	10	1.50	10.0	ug/L	10/10/25 16:15	VX101025
75-25-2	Bromoform	10.0	UD	10	1.90	10.0	ug/L	10/10/25 16:15	VX101025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-218DL	SDG No.:	Q3311
Lab Sample ID:	Q3311-01DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	10.0	UD	10	1.20	10.0	ug/L	10/10/25 16:15	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	10.0	UD	10	2.60	10.0	ug/L	10/10/25 16:15	VX101025
541-73-1	1,3-Dichlorobenzene	10.0	UD	10	1.60	10.0	ug/L	10/10/25 16:15	VX101025
106-46-7	1,4-Dichlorobenzene	10.0	UD	10	1.90	10.0	ug/L	10/10/25 16:15	VX101025
95-50-1	1,2-Dichlorobenzene	10.0	UD	10	1.60	10.0	ug/L	10/10/25 16:15	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	10.0	UD	10	5.30	10.0	ug/L	10/10/25 16:15	VX101025
120-82-1	1,2,4-Trichlorobenzene	10.0	UD	10	2.00	10.0	ug/L	10/10/25 16:15	VX101025
87-61-6	1,2,3-Trichlorobenzene	10.0	UD	10	2.00	10.0	ug/L	10/10/25 16:15	VX101025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	51.2			74 - 125	102%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.0			75 - 124	98%	SPK: 50		
2037-26-5	Toluene-d8	48.3			86 - 113	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.5			77 - 121	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	108000							
540-36-3	1,4-Difluorobenzene	221000							
3114-55-4	Chlorobenzene-d5	233000							
3855-82-1	1,4-Dichlorobenzene-d4	113000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048115.D
Acq On : 10 Oct 2025 16:15
Operator : JC/MD
Sample : Q3311-01DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

Quant Time: Oct 10 23:50:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

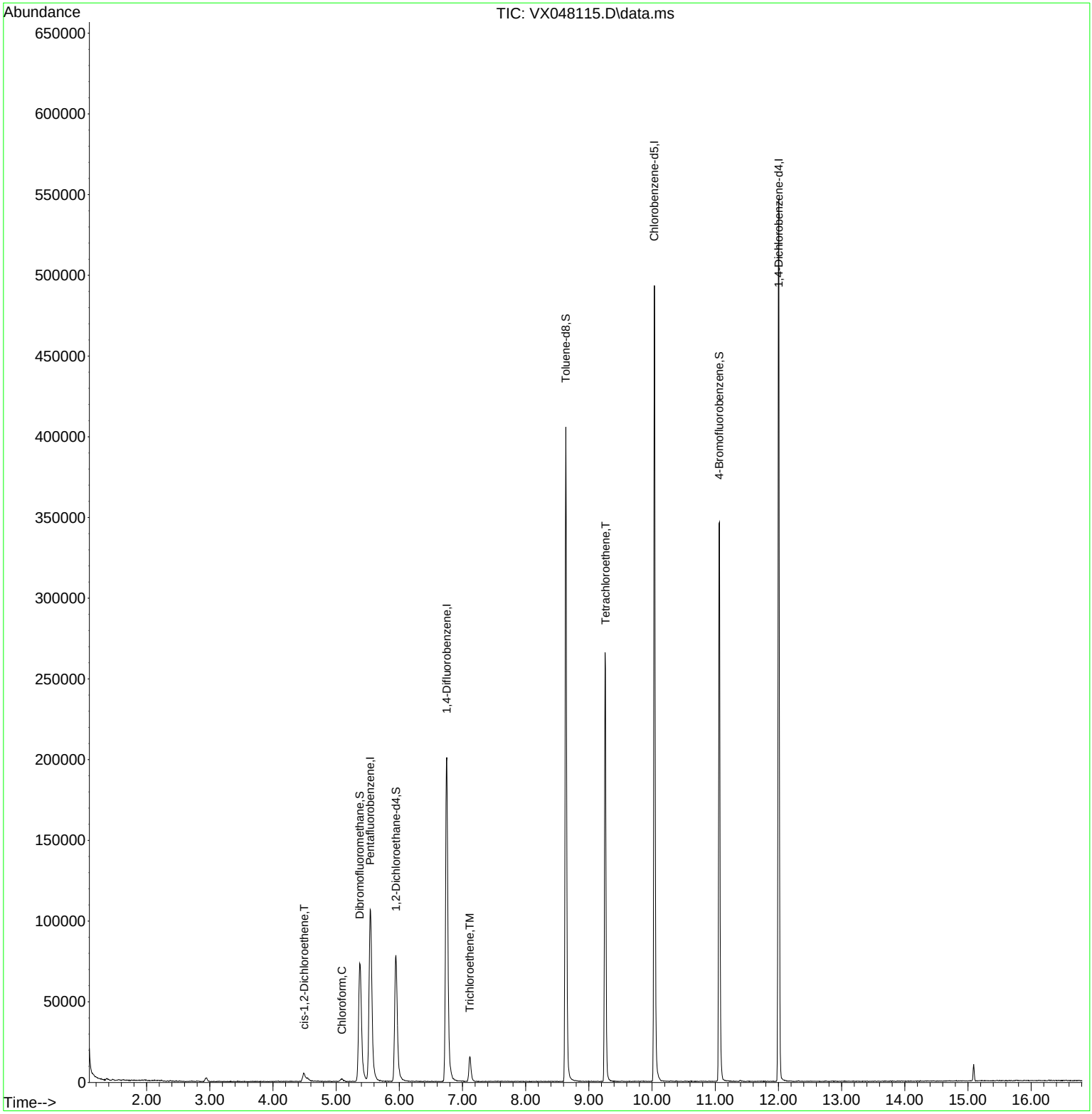
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	107553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	220883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	232642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87628	51.185	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.380%			
35) Dibromofluoromethane	5.373	113	72547	48.973	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.940%			
50) Toluene-d8	8.635	98	247795	48.343	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.680%			
62) 4-Bromofluorobenzene	11.061	95	104105	53.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.040%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.495	96	3812	2.263	ug/l	88
30) Chloroform	5.093	83	2217	0.808	ug/l	96
44) Trichloroethene	7.117	130	6452	4.059	ug/l	95
64) Tetrachloroethene	9.263	164	51425	33.908	ug/l	96

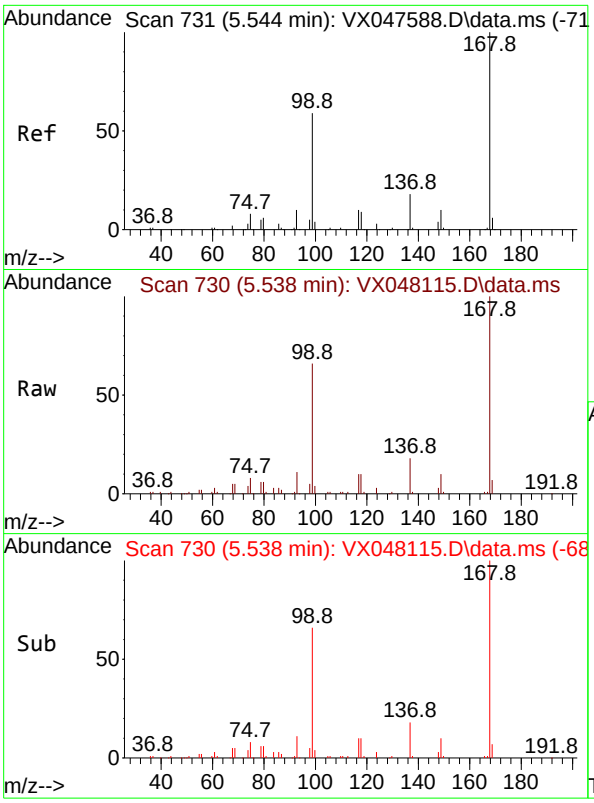
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048115.D
Acq On : 10 Oct 2025 16:15
Operator : JC/MD
Sample : Q3311-01DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

Quant Time: Oct 10 23:50:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



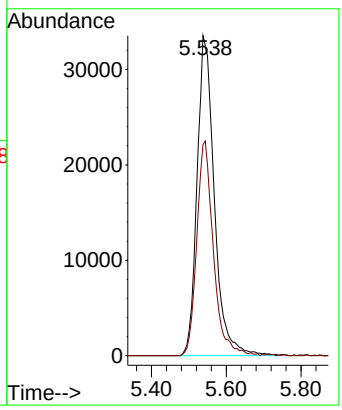


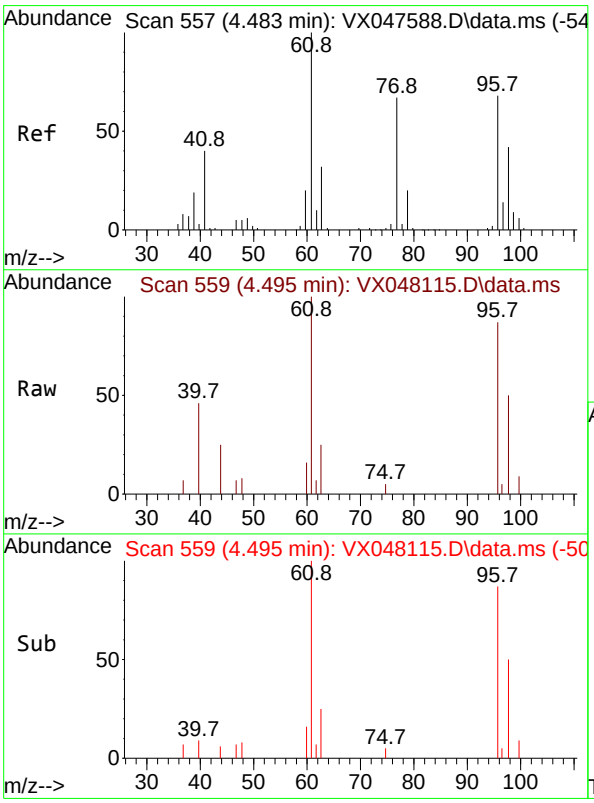
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

Tgt Ion:168 Resp: 107553

Ion	Ratio	Lower	Upper
168	100		
99	65.9	48.8	73.2

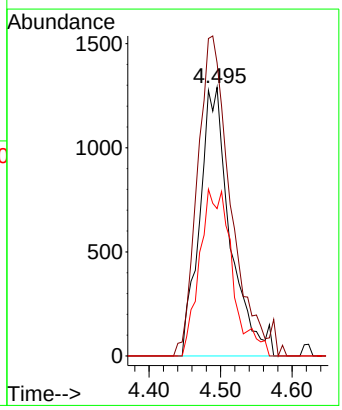


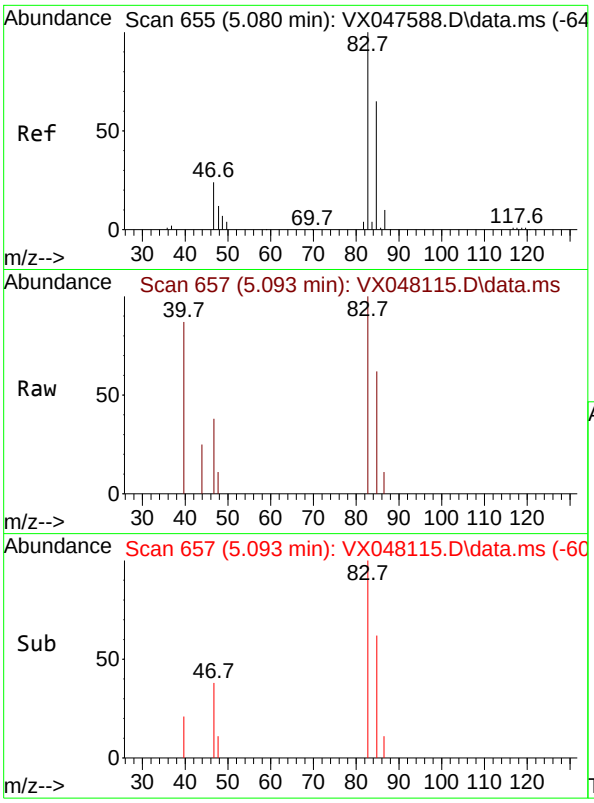


#27
cis-1,2-Dichloroethene
Concen: 2.263 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Tgt Ion: 96 Resp: 3812

Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	303.2
98	66.5	0.0	127.8



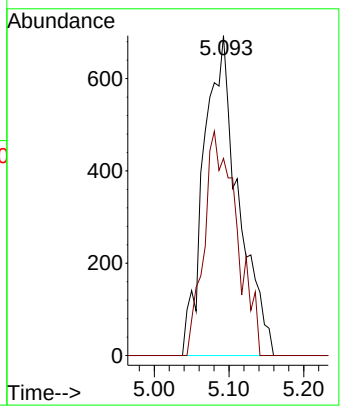


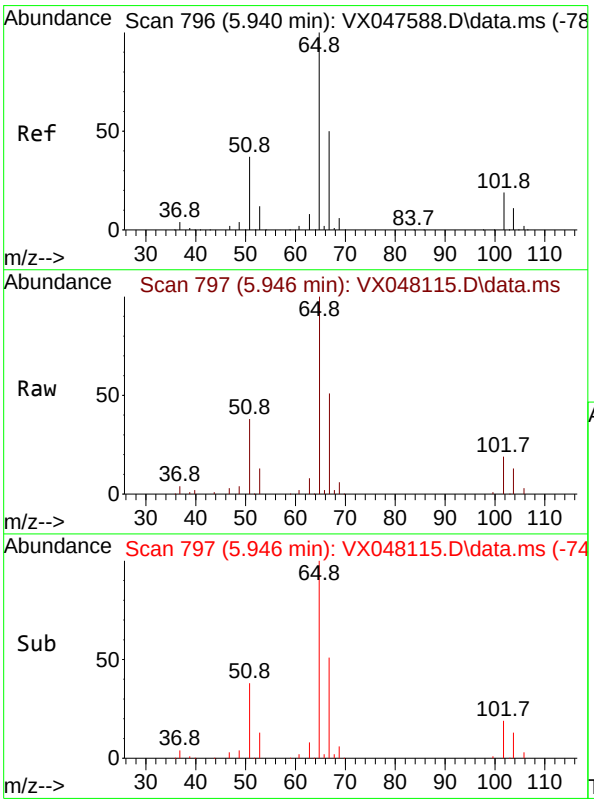
#30
Chloroform
Concen: 0.808 ug/l
RT: 5.093 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

Tgt Ion: 83 Resp: 2217

Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.8	77.6

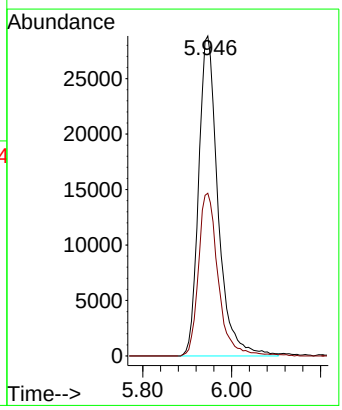


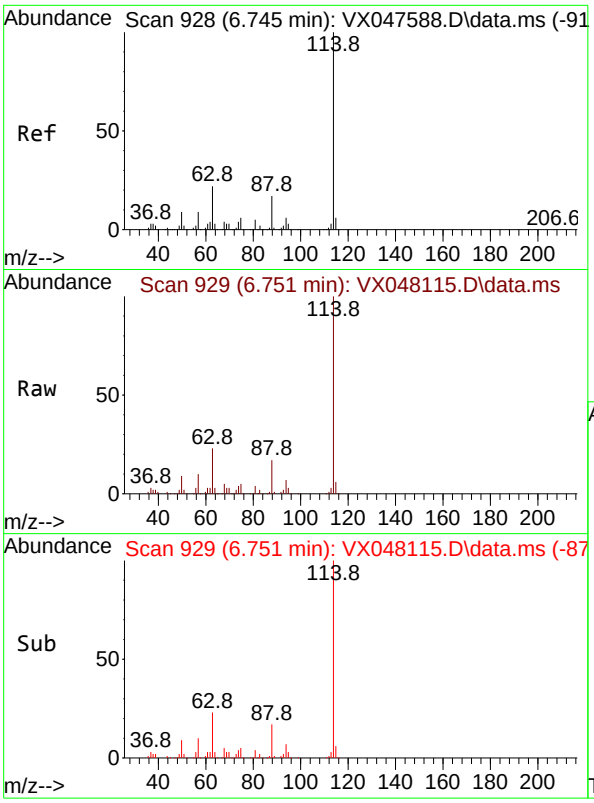


#33
1,2-Dichloroethane-d4
Concen: 51.185 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Tgt Ion: 65 Resp: 87628

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0



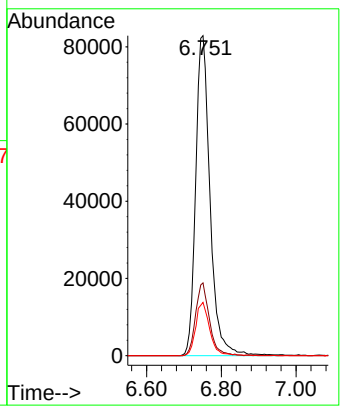


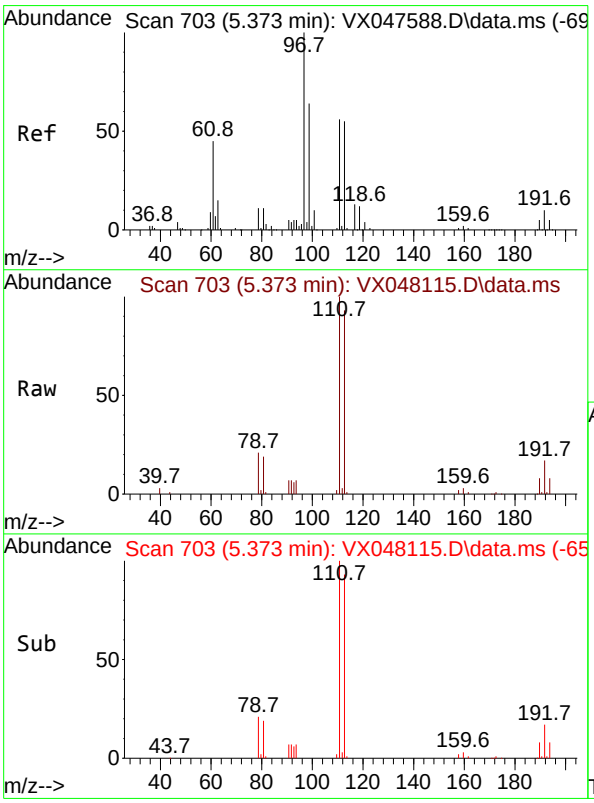
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

Tgt Ion:114 Resp: 220883

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	16.6	0.0	34.2

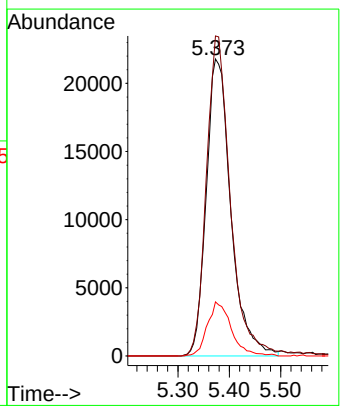


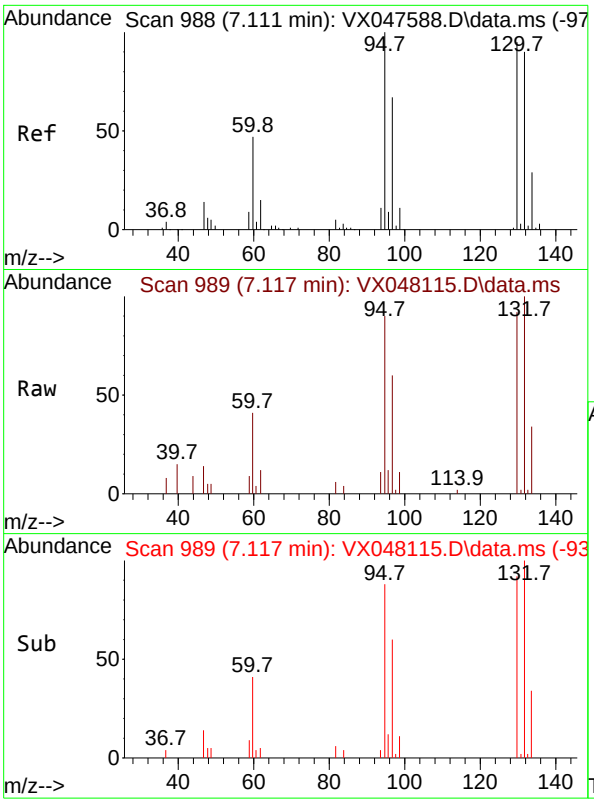


#35
Dibromofluoromethane
Concen: 48.973 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Tgt Ion:113 Resp: 72547

Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.9	121.3
192	17.7	14.2	21.4



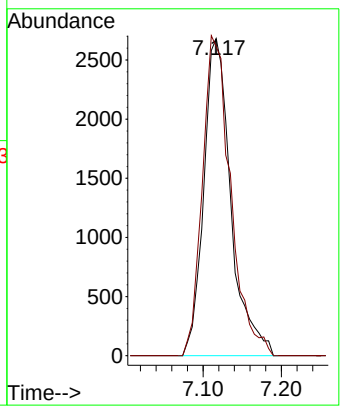


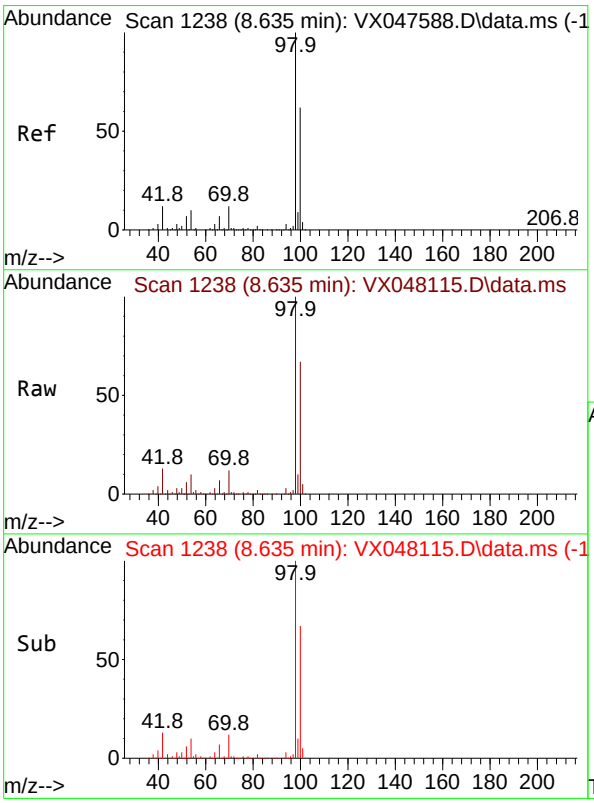
#44
Trichloroethene
Concen: 4.059 ug/l
RT: 7.117 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

Tgt Ion:130 Resp: 6452

Ion	Ratio	Lower	Upper
130	100		
95	110.2	0.0	210.8

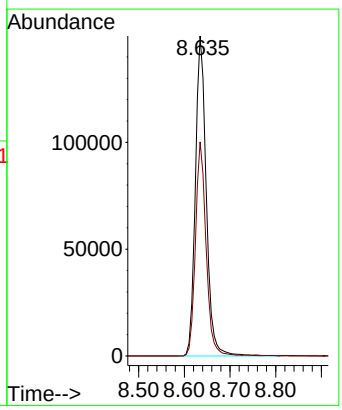


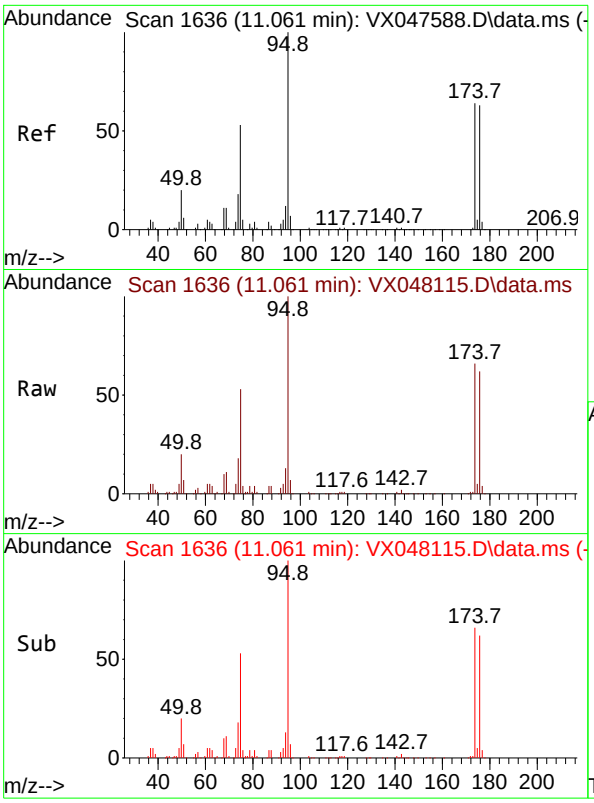


#50
Toluene-d8
Concen: 48.343 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Tgt Ion: 98 Resp: 247795

Ion	Ratio	Lower	Upper
98	100		
100	65.5	53.0	79.4



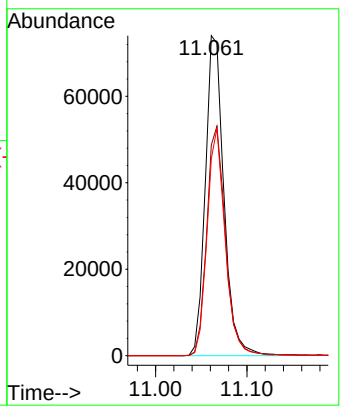


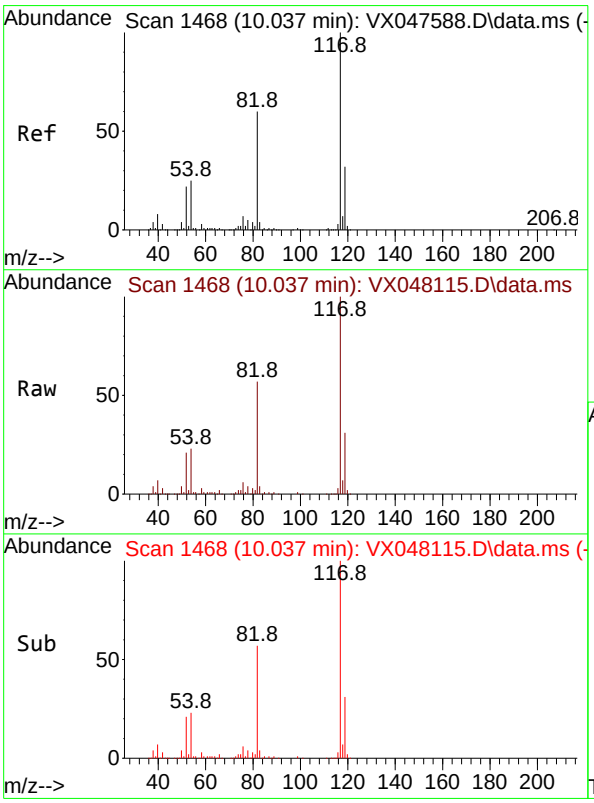
#62
4-Bromofluorobenzene
Concen: 53.515 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

Tgt Ion: 95 Resp: 104105

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.6
176	69.3	0.0	138.4

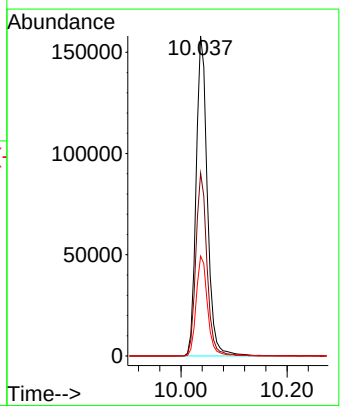


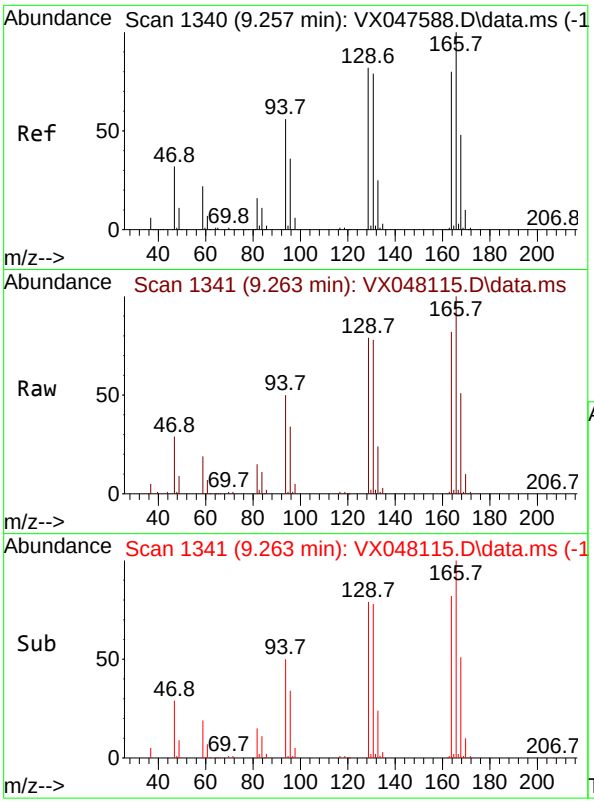


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Tgt Ion:117 Resp: 232642

Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.8	71.6
119	31.2	25.2	37.8



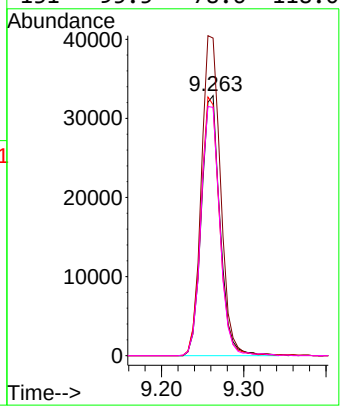


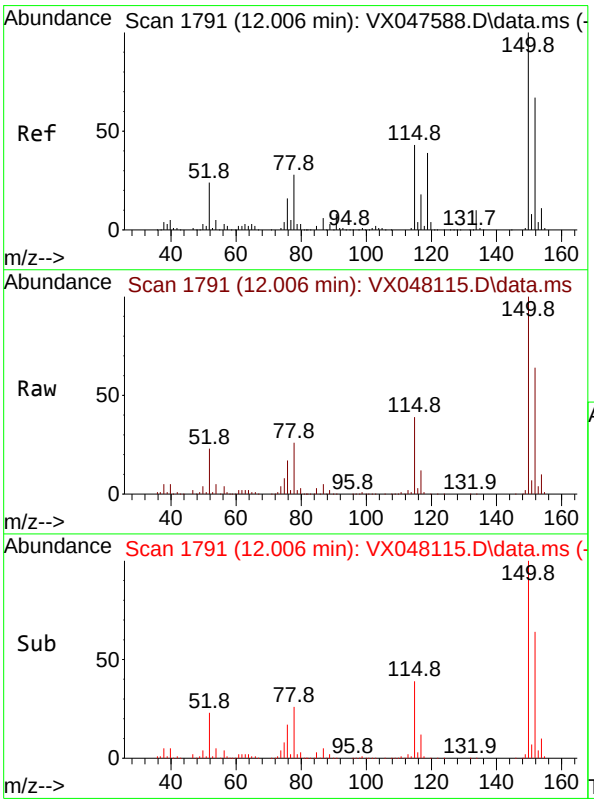
#64
Tetrachloroethene
Concen: 33.908 ug/l
RT: 9.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Instrument :
MSVOA_X
ClientSampleId :
MW-218DL

Tgt Ion:164 Resp: 51425

Ion	Ratio	Lower	Upper
164	100		
166	122.2	100.2	150.2
129	96.5	81.8	122.6
131	95.5	78.6	118.0

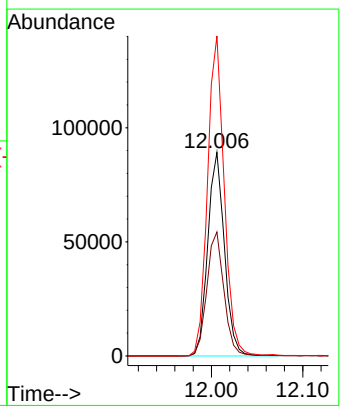




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048115.D
Acq: 10 Oct 2025 16:15

Tgt Ion:152 Resp: 113160

Ion	Ratio	Lower	Upper
152	100		
115	62.8	44.9	134.5
150	157.7	0.0	352.0



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-219	SDG No.:	Q3311
Lab Sample ID:	Q3311-02	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 18:38	VX101425
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/14/25 18:38	VX101425
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/14/25 18:38	VX101425
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/14/25 18:38	VX101425
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/14/25 18:38	VX101425
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/14/25 18:38	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/14/25 18:38	VX101425
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/14/25 18:38	VX101425
67-64-1	Acetone	1.50	J	1	1.50	5.00	ug/L	10/14/25 18:38	VX101425
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/14/25 18:38	VX101425
1634-04-4	Methyl tert-butyl Ether	1.00	UQ	1	0.16	1.00	ug/L	10/14/25 18:38	VX101425
79-20-9	Methyl Acetate	1.00	UQ	1	0.27	1.00	ug/L	10/14/25 18:38	VX101425
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/14/25 18:38	VX101425
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/14/25 18:38	VX101425
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/14/25 18:38	VX101425
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/14/25 18:38	VX101425
78-93-3	2-Butanone	3.50	J	1	0.98	5.00	ug/L	10/14/25 18:38	VX101425
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/14/25 18:38	VX101425
156-59-2	cis-1,2-Dichloroethene	1.00		1	0.19	1.00	ug/L	10/14/25 18:38	VX101425
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 18:38	VX101425
67-66-3	Chloroform	0.83	J	1	0.25	1.00	ug/L	10/14/25 18:38	VX101425
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/14/25 18:38	VX101425
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/14/25 18:38	VX101425
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/14/25 18:38	VX101425
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 18:38	VX101425
79-01-6	Trichloroethene	1.60		1	0.090	1.00	ug/L	10/14/25 18:38	VX101425
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/14/25 18:38	VX101425
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 18:38	VX101425
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/14/25 18:38	VX101425
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/14/25 18:38	VX101425
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/14/25 18:38	VX101425
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/14/25 18:38	VX101425
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/14/25 18:38	VX101425
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/14/25 18:38	VX101425
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/14/25 18:38	VX101425
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/14/25 18:38	VX101425
127-18-4	Tetrachloroethene	150		1	0.23	1.00	ug/L	10/14/25 18:38	VX101425
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/14/25 18:38	VX101425
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/14/25 18:38	VX101425
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/14/25 18:38	VX101425
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/14/25 18:38	VX101425
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/14/25 18:38	VX101425
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/14/25 18:38	VX101425

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-219	SDG No.:	Q3311
Lab Sample ID:	Q3311-02	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/14/25 18:38	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/14/25 18:38	VX101425
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/14/25 18:38	VX101425
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/14/25 18:38	VX101425
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/14/25 18:38	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/14/25 18:38	VX101425
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/14/25 18:38	VX101425
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/14/25 18:38	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.2			74 - 125	98%	SPK: 50		
1868-53-7	Dibromofluoromethane	54.3			75 - 124	109%	SPK: 50		
2037-26-5	Toluene-d8	53.3			86 - 113	107%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.4			77 - 121	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	101000							
540-36-3	1,4-Difluorobenzene	188000							
3114-55-4	Chlorobenzene-d5	215000							
3855-82-1	1,4-Dichlorobenzene-d4	104000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048176.D
Acq On : 14 Oct 2025 18:38
Operator : JC/MD
Sample : Q3311-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Quant Time: Oct 15 02:50:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

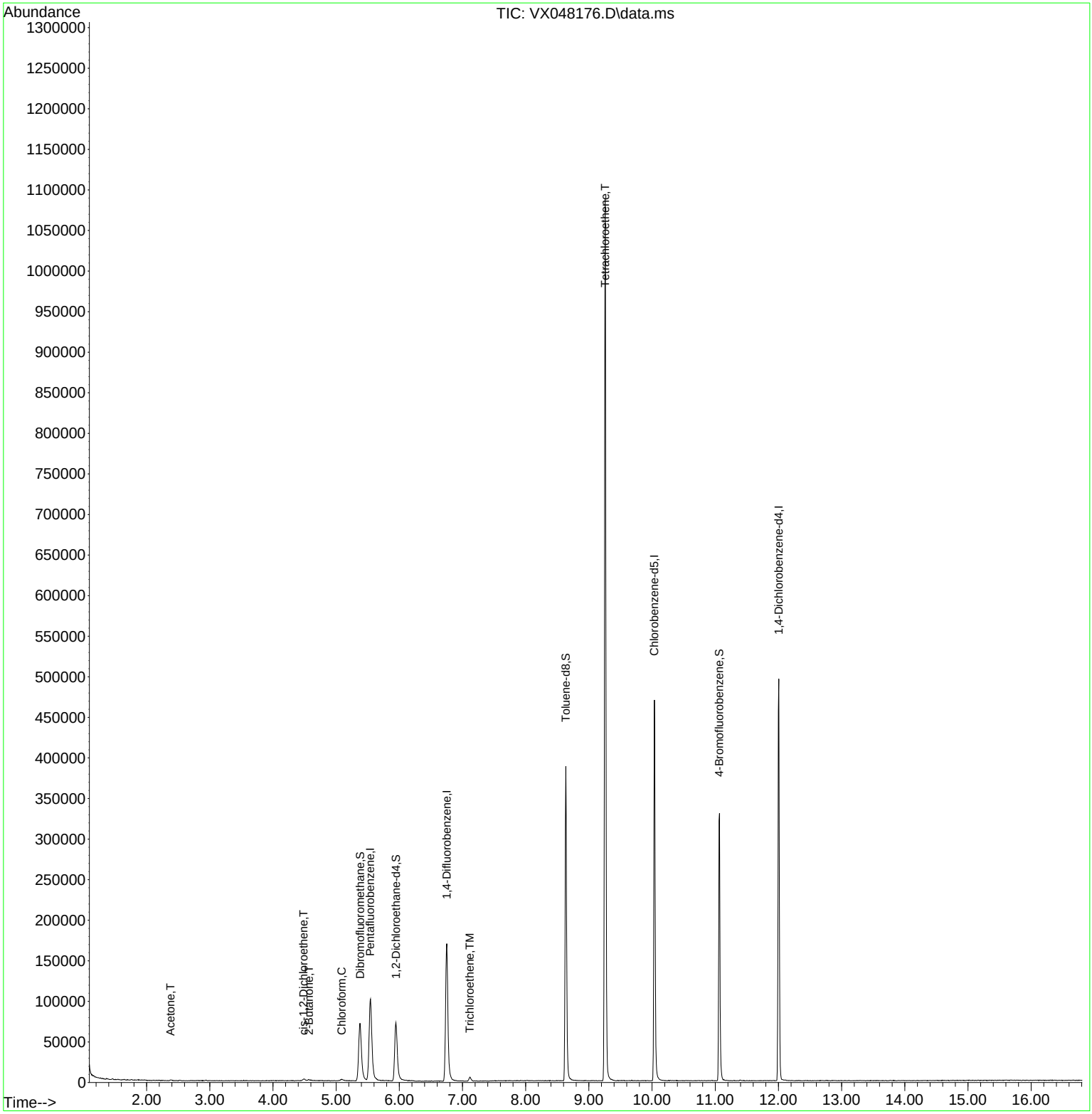
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	101378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	188364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	214540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	104145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79441	49.230	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.460%			
35) Dibromofluoromethane	5.379	113	68594	54.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.600%			
50) Toluene-d8	8.635	98	232782	53.254	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.500%			
62) 4-Bromofluorobenzene	11.061	95	95184	57.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.760%			
Target Compounds						Qvalue
16) Acetone	2.380	43	1061	1.512	ug/l #	80
25) 2-Butanone	4.568	43	3074	3.512	ug/l #	87
27) cis-1,2-Dichloroethene	4.483	96	1654	1.041	ug/l	82
30) Chloroform	5.086	83	2151	0.831	ug/l #	78
44) Trichloroethene	7.116	130	2167	1.599	ug/l	94
64) Tetrachloroethene	9.256	164	203167	145.267	ug/l	98

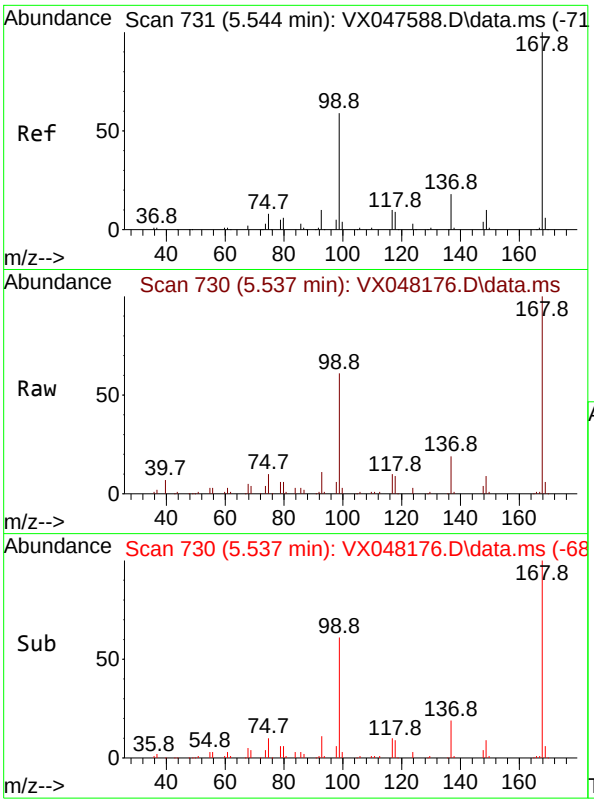
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048176.D
Acq On : 14 Oct 2025 18:38
Operator : JC/MD
Sample : Q3311-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Quant Time: Oct 15 02:50:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



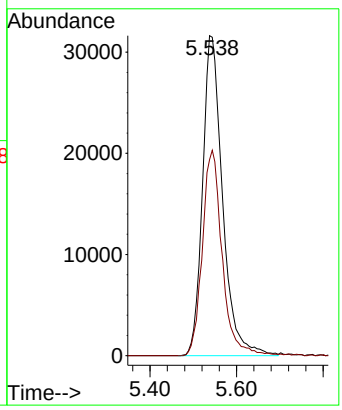


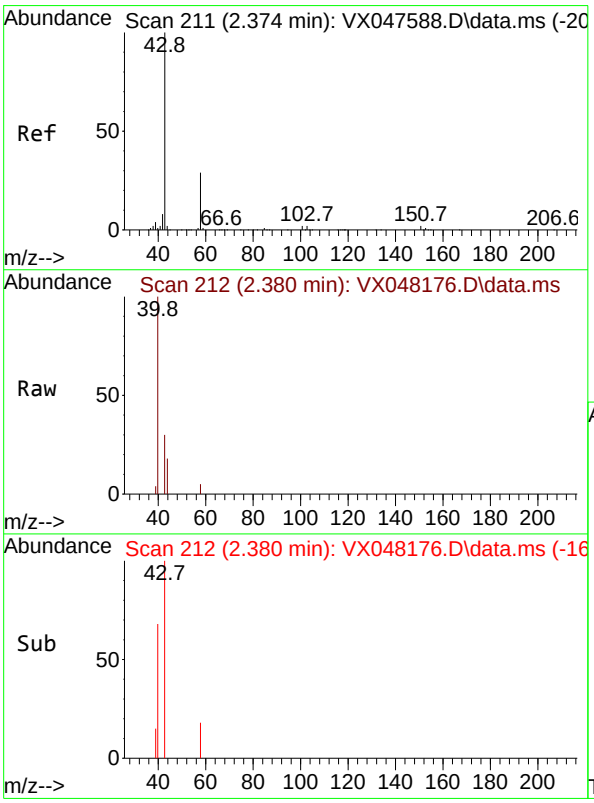
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Tgt Ion:168 Resp: 101378

Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.8	73.2

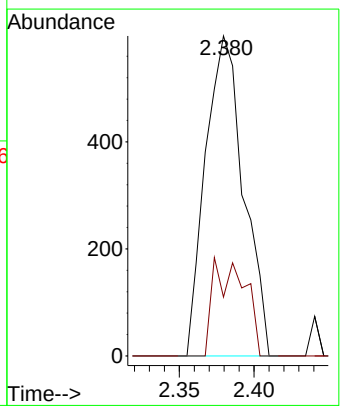


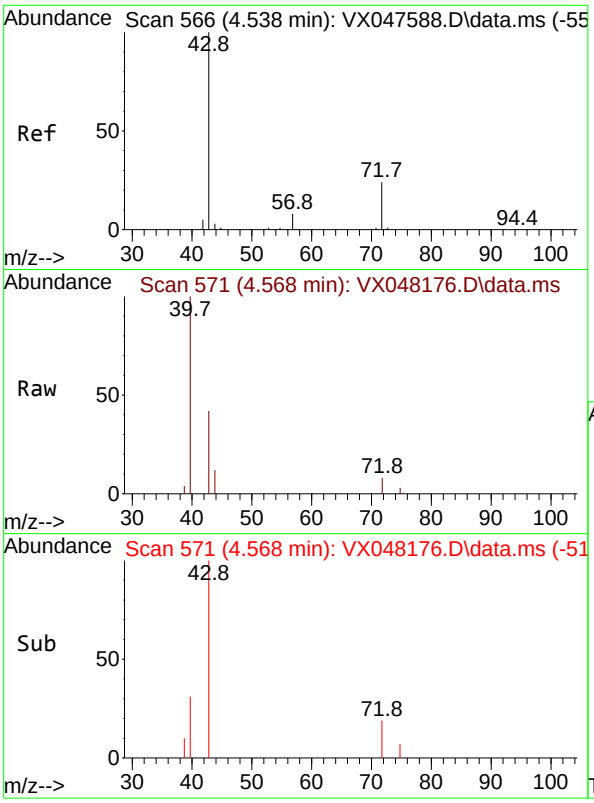


#16
Acetone
Concen: 1.512 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion: 43 Resp: 1061

Ion	Ratio	Lower	Upper
43	100		
58	18.4	23.4	35.0#



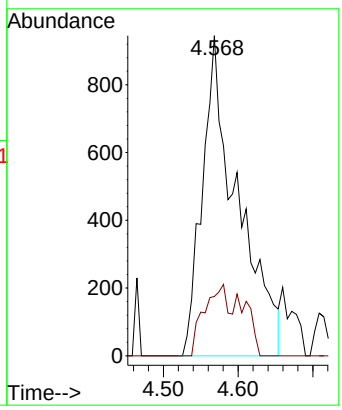


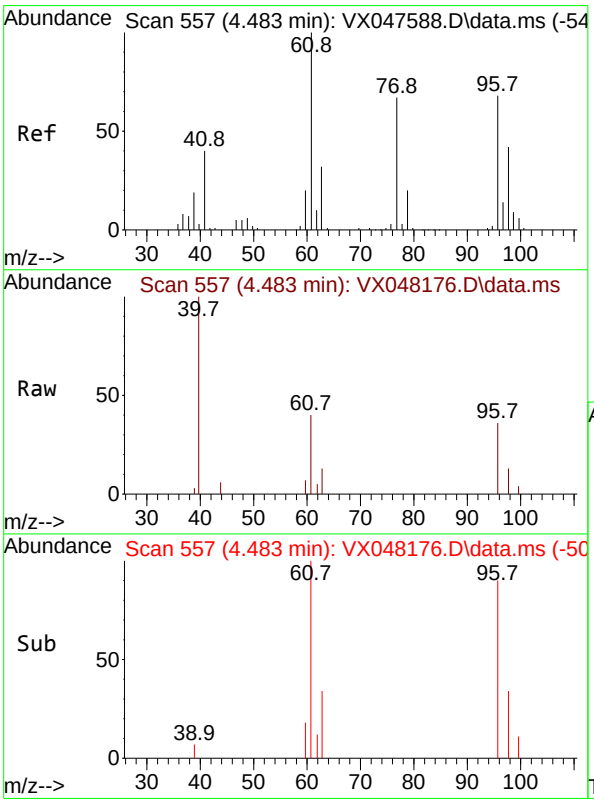
#25
2-Butanone
Concen: 3.512 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.030 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Tgt Ion: 43 Resp: 3074

Ion	Ratio	Lower	Upper
43	100		
72	18.5	20.1	30.1#

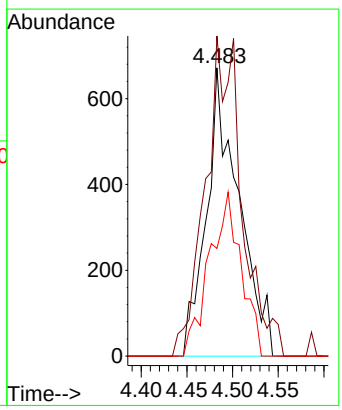


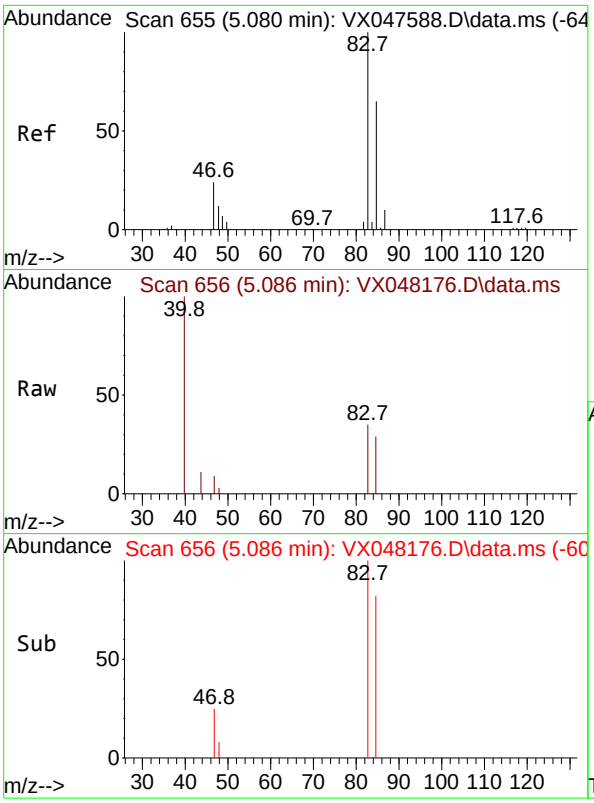


#27
cis-1,2-Dichloroethene
Concen: 1.041 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion: 96 Resp: 1654

Ion	Ratio	Lower	Upper
96	100		
61	125.2	0.0	303.2
98	55.9	0.0	127.8



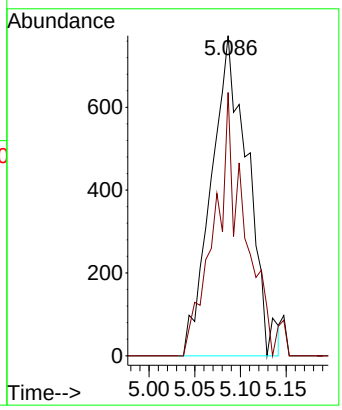


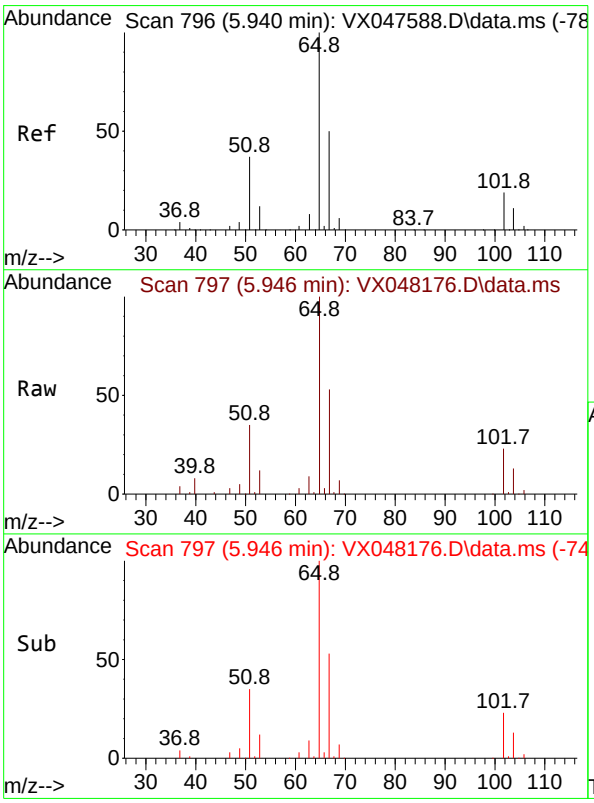
#30
Chloroform
Concen: 0.831 ug/l
RT: 5.086 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Tgt Ion: 83 Resp: 2151

Ion	Ratio	Lower	Upper
83	100		
85	82.3	51.8	77.6#

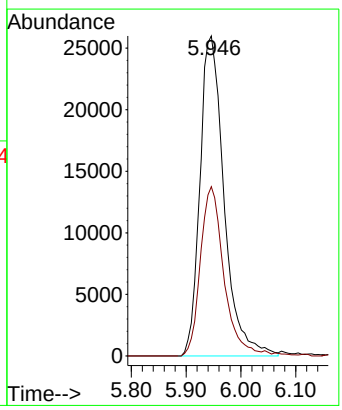


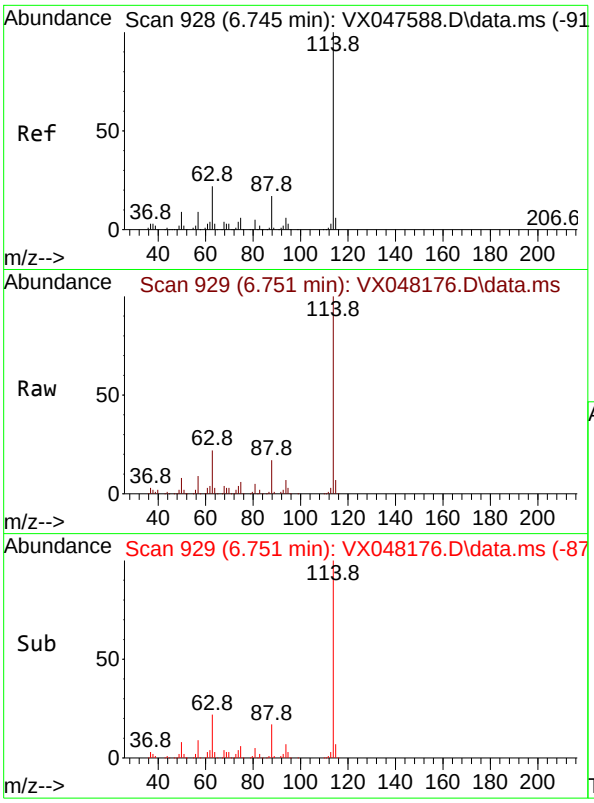


#33
1,2-Dichloroethane-d4
Concen: 49.230 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion: 65 Resp: 79441

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.0



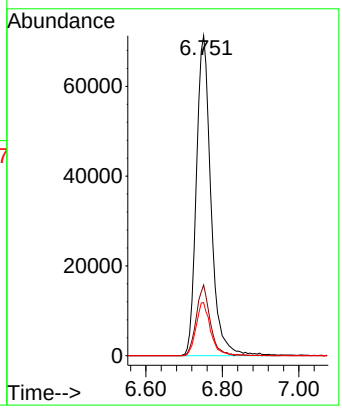


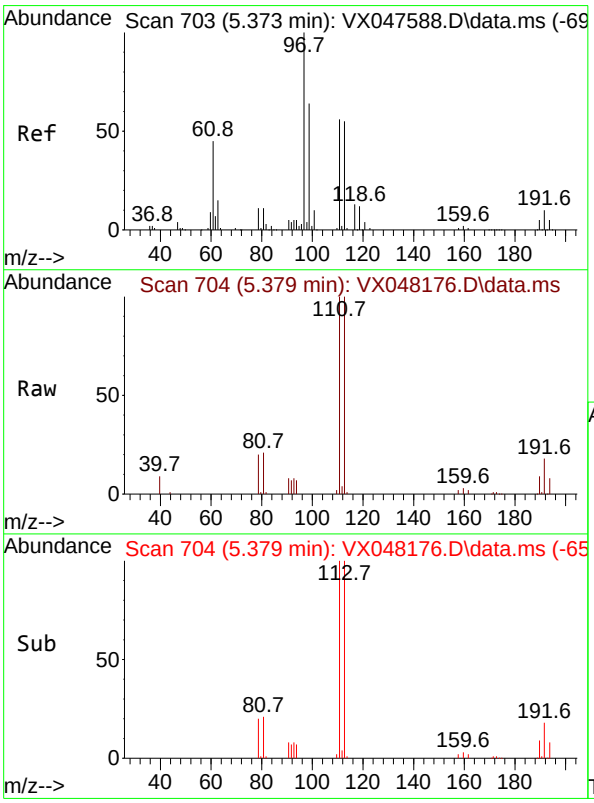
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Tgt Ion:114 Resp: 188364

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.0
88	16.6	0.0	34.2

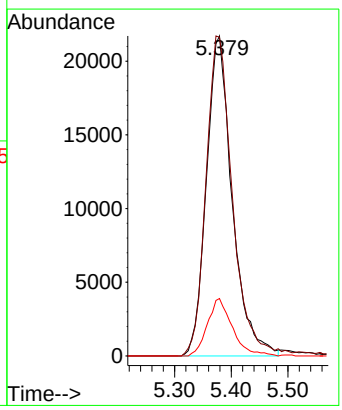


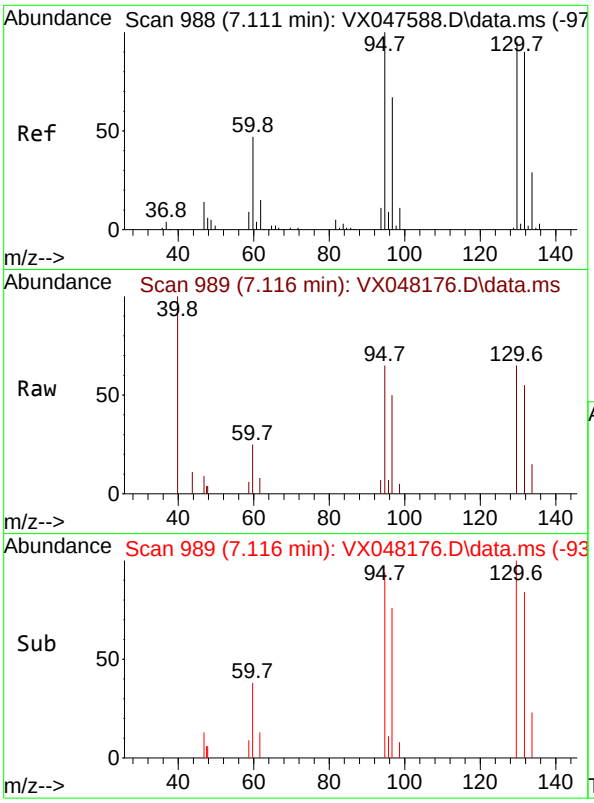


#35
Dibromofluoromethane
Concen: 54.299 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion:113 Resp: 68594

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.9	121.3
192	17.4	14.2	21.4



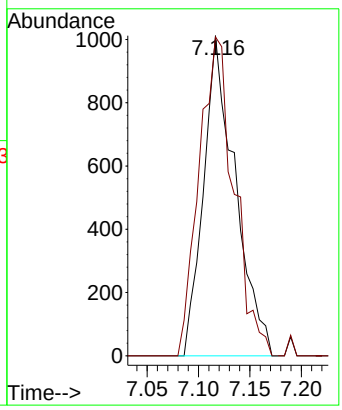


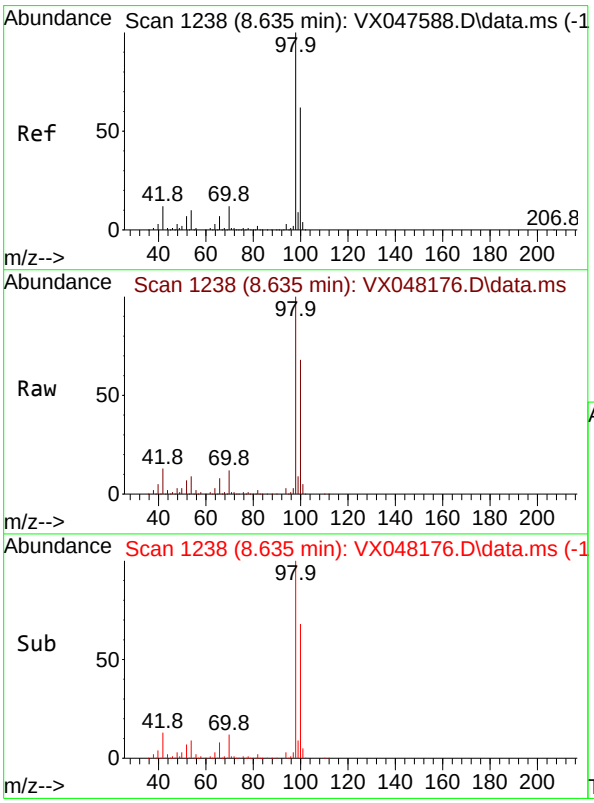
#44
Trichloroethene
Concen: 1.599 ug/l
RT: 7.116 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Tgt Ion:130 Resp: 2167

Ion	Ratio	Lower	Upper
130	100		
95	99.6	0.0	210.8

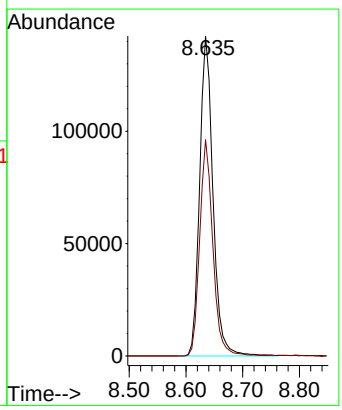


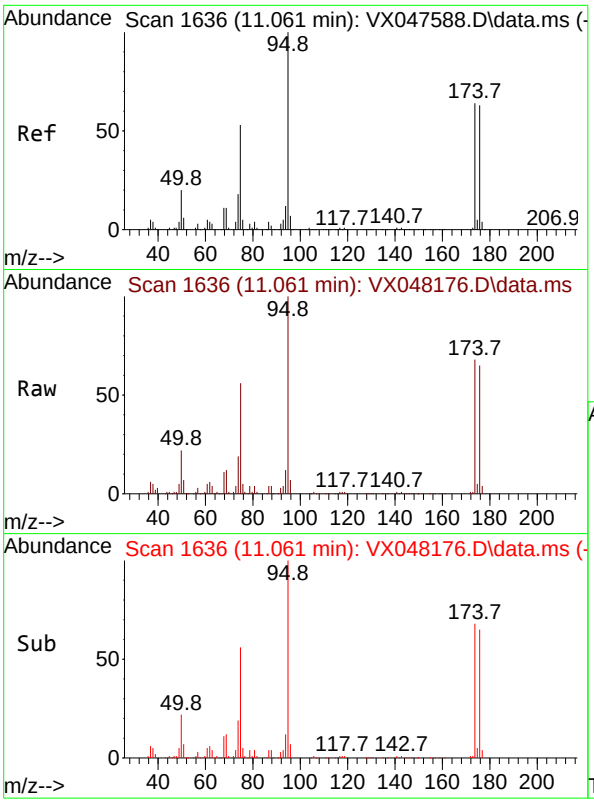


#50
Toluene-d8
Concen: 53.254 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion: 98 Resp: 232782

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



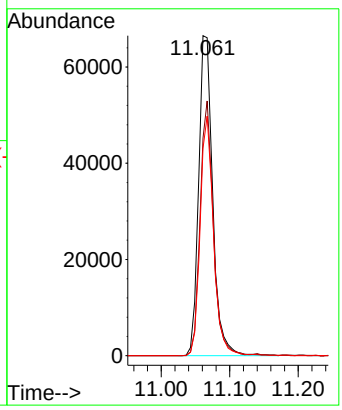


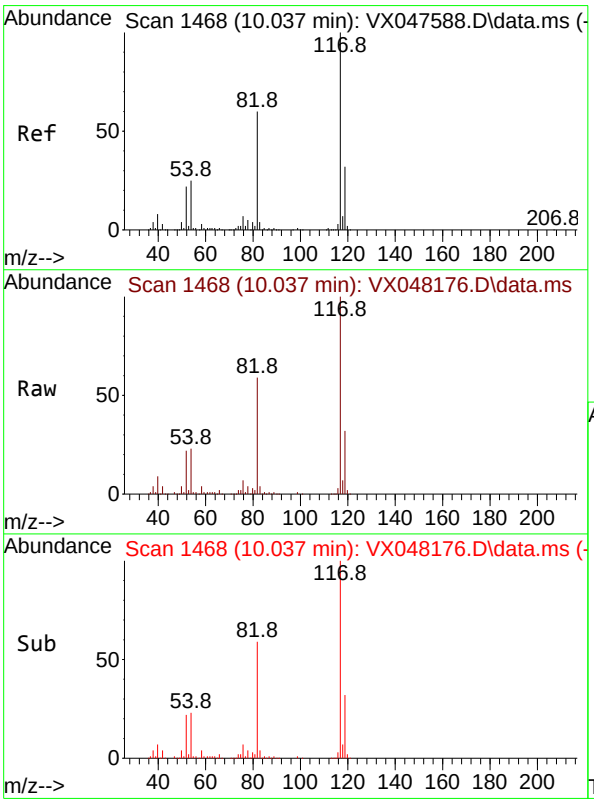
#62
4-Bromofluorobenzene
Concen: 57.376 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Tgt Ion: 95 Resp: 95184

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	141.6
176	71.4	0.0	138.4

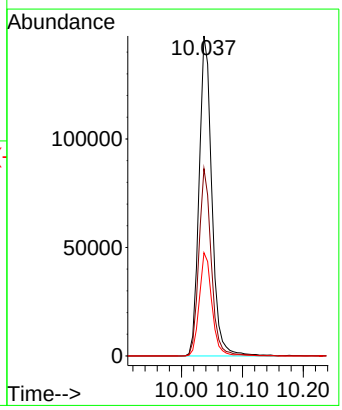


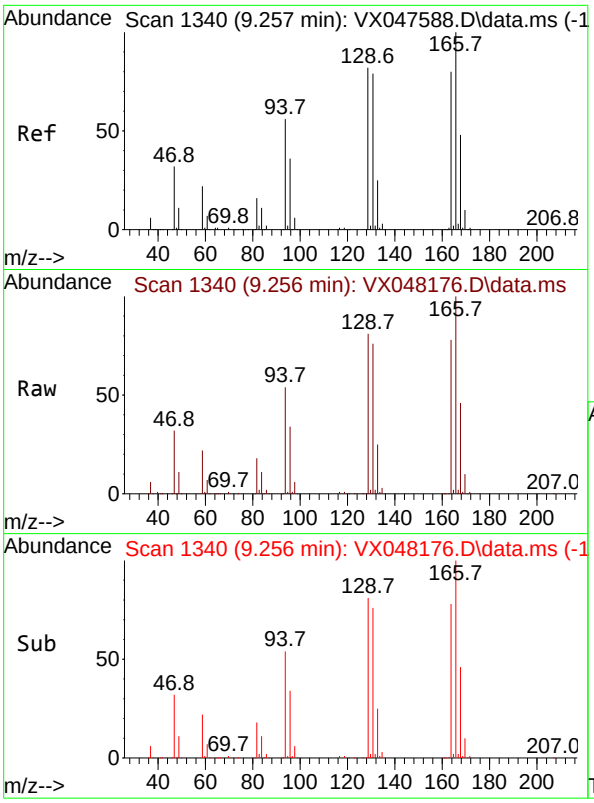


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion:117 Resp: 214540

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.8	71.6
119	32.3	25.2	37.8



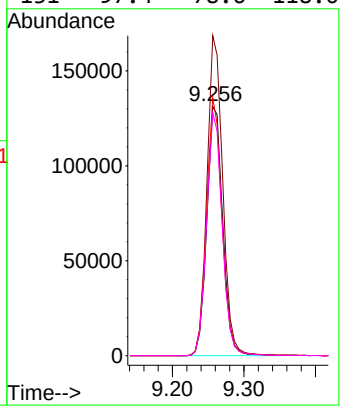


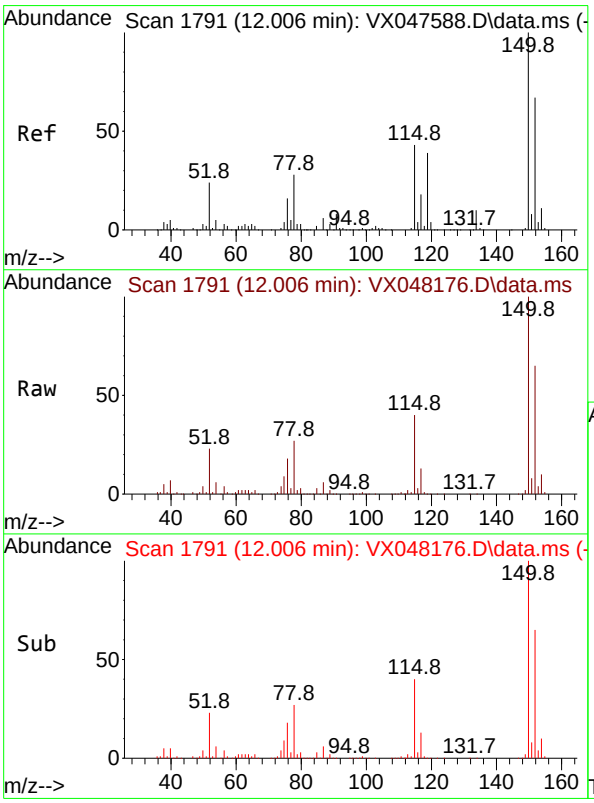
#64
Tetrachloroethene
Concen: 145.267 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Tgt Ion:164 Resp: 203167

Ion	Ratio	Lower	Upper
164	100		
166	128.4	100.2	150.2
129	103.4	81.8	122.6
131	97.4	78.6	118.0

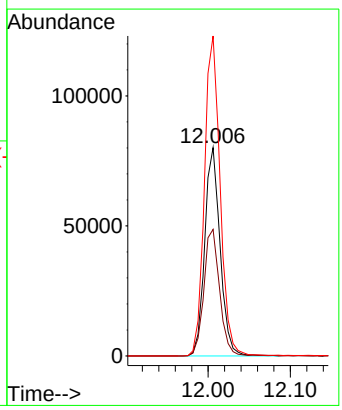




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048176.D
Acq: 14 Oct 2025 18:38

Tgt Ion:152 Resp: 104145

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.9	134.5
150	156.9	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048176.D
Acq On : 14 Oct 2025 18:38
Operator : JC/MD
Sample : Q3311-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048176.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.379	693	704	720	rBV4	70798	228004	13.80%	4.311%
2	5.544	720	731	750	rVB	99952	314011	19.00%	5.937%
3	5.946	787	797	812	rBV	71621	213302	12.91%	4.033%
4	6.751	920	929	951	rBV	169494	444234	26.88%	8.400%
5	8.635	1232	1238	1254	rBV	387641	632744	38.29%	11.964%
6	9.256	1333	1340	1355	rBV2	1086919	1652694	100.00%	31.249%
7	10.037	1463	1468	1488	rBV	469154	677032	40.97%	12.801%
8	11.067	1631	1637	1648	rBV	329456	465228	28.15%	8.797%
9	12.006	1785	1791	1804	rBV	495082	661536	40.03%	12.508%

Sum of corrected areas: 5288785

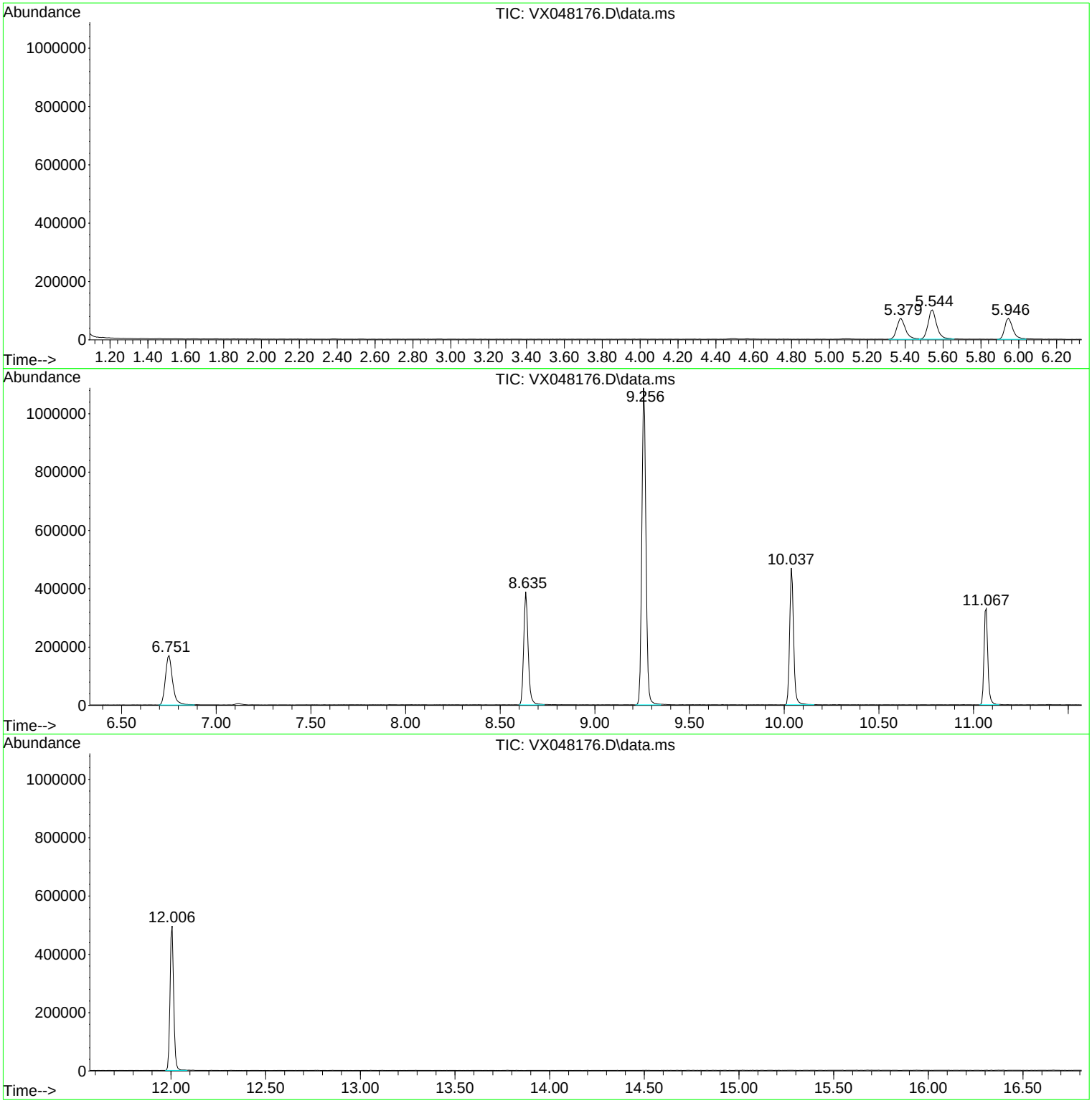
Sample Results: **VX048176.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048176.D
Acq On : 14 Oct 2025 18:38
Operator : JC/MD
Sample : Q3311-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048176.D
Acq On : 14 Oct 2025 18:38
Operator : JC/MD
Sample : Q3311-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048176.D
Acq On : 14 Oct 2025 18:38
Operator : JC/MD
Sample : Q3311-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-219

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-1S	SDG No.:	Q3311
Lab Sample ID:	Q3311-05	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 13:39	VX100925
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/09/25 13:39	VX100925
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/09/25 13:39	VX100925
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/09/25 13:39	VX100925
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/09/25 13:39	VX100925
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/09/25 13:39	VX100925
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/09/25 13:39	VX100925
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 13:39	VX100925
67-64-1	Acetone	2.10	J	1	1.50	5.00	ug/L	10/09/25 13:39	VX100925
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/09/25 13:39	VX100925
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/09/25 13:39	VX100925
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/09/25 13:39	VX100925
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/09/25 13:39	VX100925
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 13:39	VX100925
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/09/25 13:39	VX100925
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/09/25 13:39	VX100925
78-93-3	2-Butanone	9.30		1	0.98	5.00	ug/L	10/09/25 13:39	VX100925
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/09/25 13:39	VX100925
156-59-2	cis-1,2-Dichloroethene	6.50		1	0.19	1.00	ug/L	10/09/25 13:39	VX100925
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 13:39	VX100925
67-66-3	Chloroform	0.27	J	1	0.25	1.00	ug/L	10/09/25 13:39	VX100925
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/09/25 13:39	VX100925
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/09/25 13:39	VX100925
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/09/25 13:39	VX100925
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 13:39	VX100925
79-01-6	Trichloroethene	13.3		1	0.090	1.00	ug/L	10/09/25 13:39	VX100925
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/09/25 13:39	VX100925
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 13:39	VX100925
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/09/25 13:39	VX100925
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/09/25 13:39	VX100925
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/09/25 13:39	VX100925
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/09/25 13:39	VX100925
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/09/25 13:39	VX100925
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/09/25 13:39	VX100925
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/09/25 13:39	VX100925
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/09/25 13:39	VX100925
127-18-4	Tetrachloroethene	1700	E	1	0.23	1.00	ug/L	10/09/25 13:39	VX100925
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 13:39	VX100925
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/09/25 13:39	VX100925
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/09/25 13:39	VX100925
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/09/25 13:39	VX100925
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/09/25 13:39	VX100925
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/09/25 13:39	VX100925

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-1S	SDG No.:	Q3311
Lab Sample ID:	Q3311-05	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 13:39	VX100925
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/09/25 13:39	VX100925
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 13:39	VX100925
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/09/25 13:39	VX100925
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 13:39	VX100925
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/09/25 13:39	VX100925
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 13:39	VX100925
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 13:39	VX100925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.1			74 - 125	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.8			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	49.0			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.6			77 - 121	103%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	131000							
540-36-3	1,4-Difluorobenzene	272000							
3114-55-4	Chlorobenzene-d5	257000							
3855-82-1	1,4-Dichlorobenzene-d4	132000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048082.D
Acq On : 09 Oct 2025 13:39
Operator : JC/MD
Sample : Q3311-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Quant Time: Oct 10 01:23:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

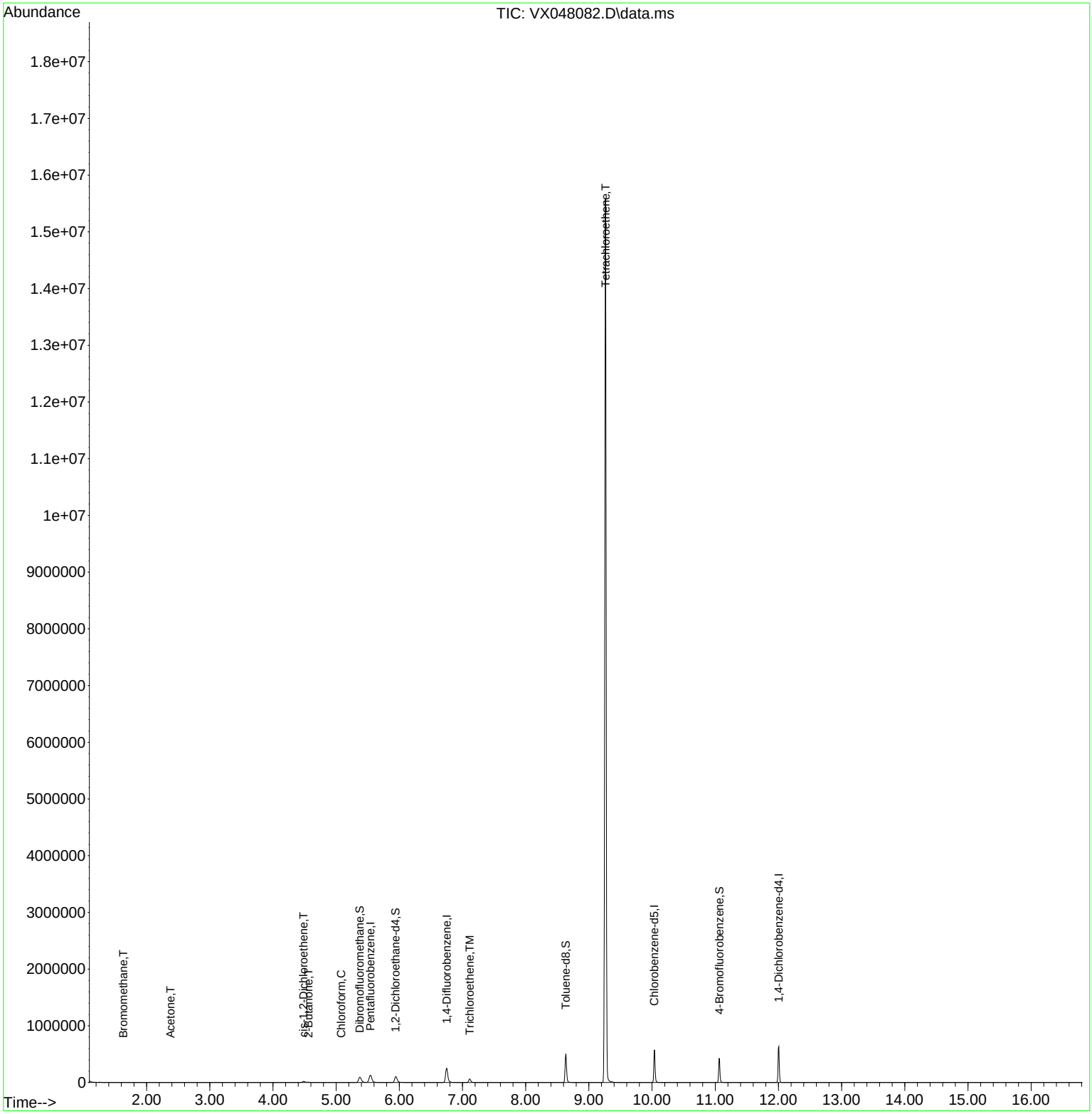
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	131146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	272486	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	257011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112939	54.102	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.200%			
35) Dibromofluoromethane	5.373	113	91039	49.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.640%			
50) Toluene-d8	8.635	98	309824	48.997	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.000%			
62) 4-Bromofluorobenzene	11.067	95	123862	51.613	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.220%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	535	0.483	ug/l #	72
16) Acetone	2.380	43	1874	2.065	ug/l #	84
25) 2-Butanone	4.562	43	10546	9.315	ug/l #	87
27) cis-1,2-Dichloroethene	4.483	96	13327	6.487	ug/l	87
30) Chloroform	5.080	83	908	0.271	ug/l	90
44) Trichloroethene	7.117	130	26022	13.271	ug/l	95
64) Tetrachloroethene	9.263	164	2927961	1747.576	ug/l	100

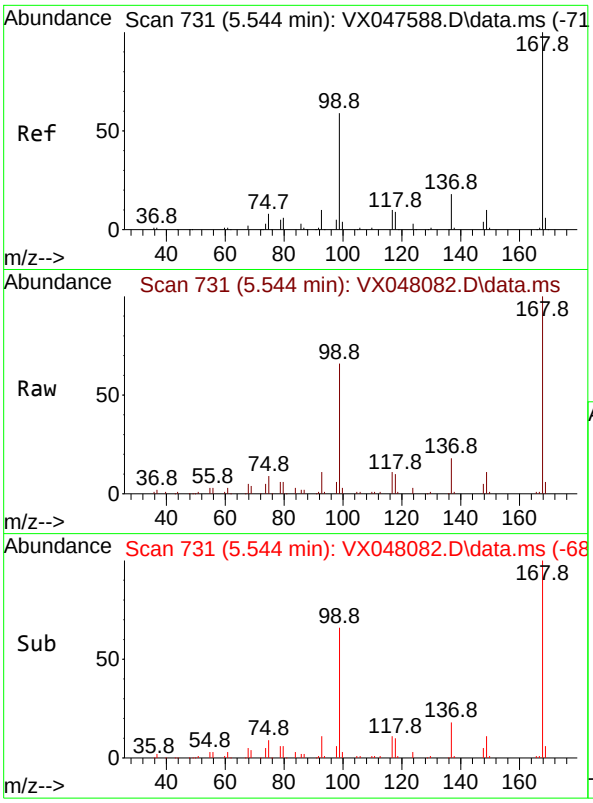
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048082.D
Acq On : 09 Oct 2025 13:39
Operator : JC/MD
Sample : Q3311-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Quant Time: Oct 10 01:23:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



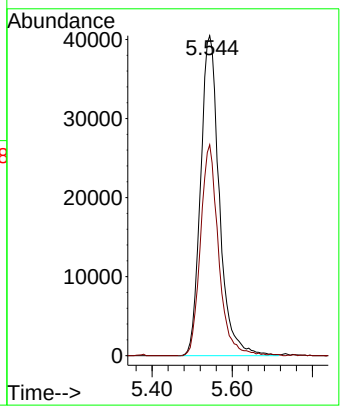


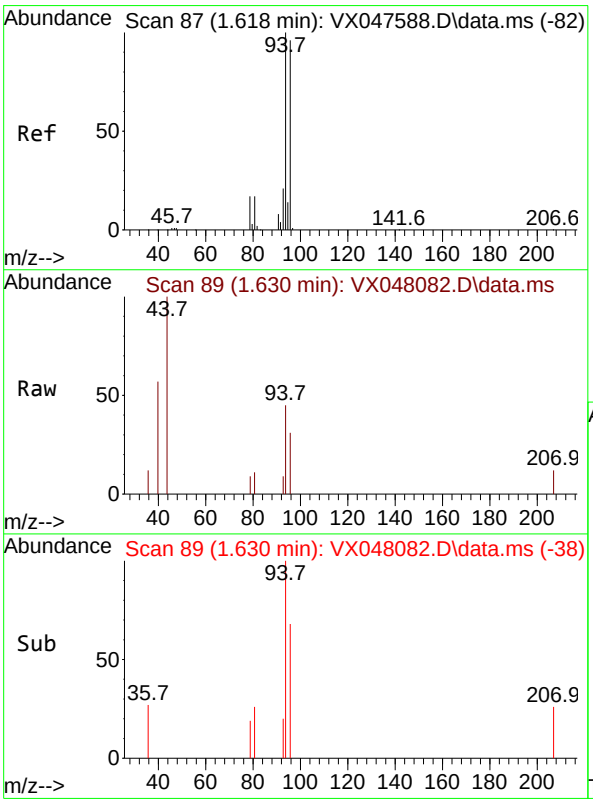
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Tgt Ion:168 Resp: 131146

Ion	Ratio	Lower	Upper
168	100		
99	65.9	48.8	73.2

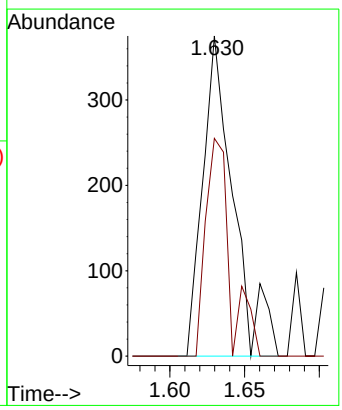


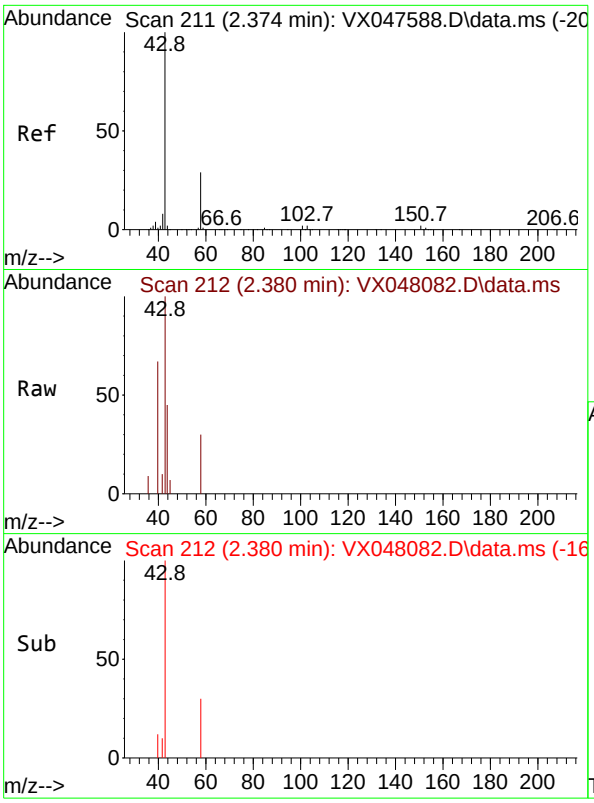


#5
Bromomethane
Concen: 0.483 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Tgt Ion: 94 Resp: 535

Ion	Ratio	Lower	Upper
94	100		
96	68.0	76.6	115.0#



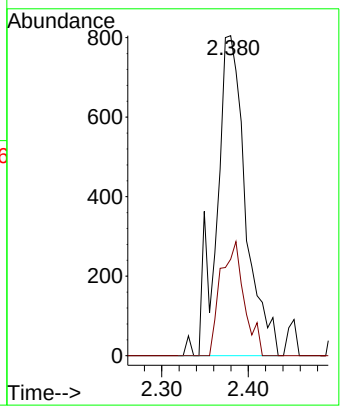


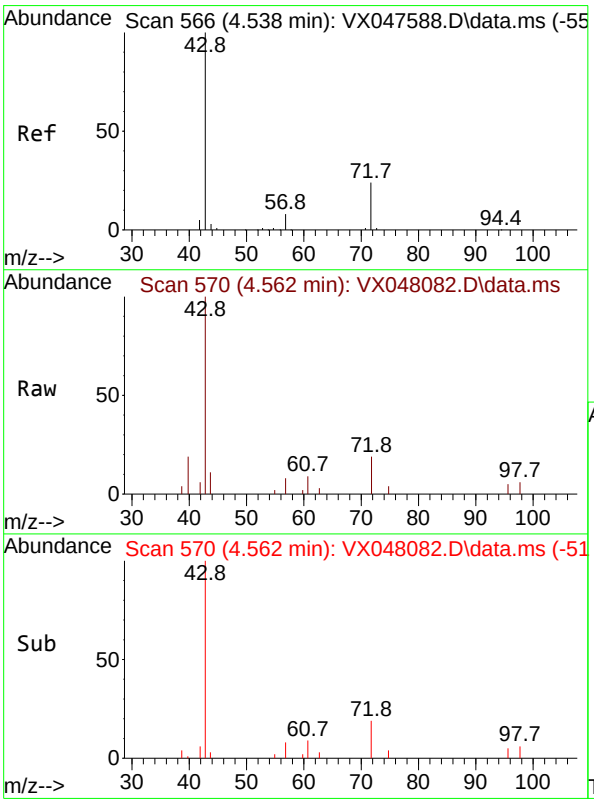
#16
Acetone
Concen: 2.065 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Tgt Ion: 43 Resp: 1874

Ion	Ratio	Lower	Upper
43	100		
58	20.8	23.4	35.0#

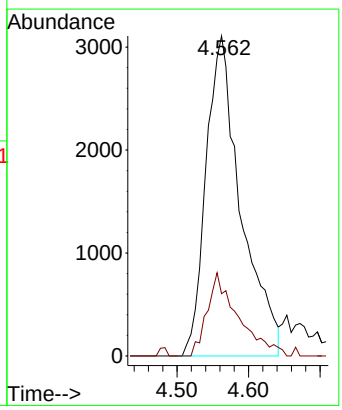


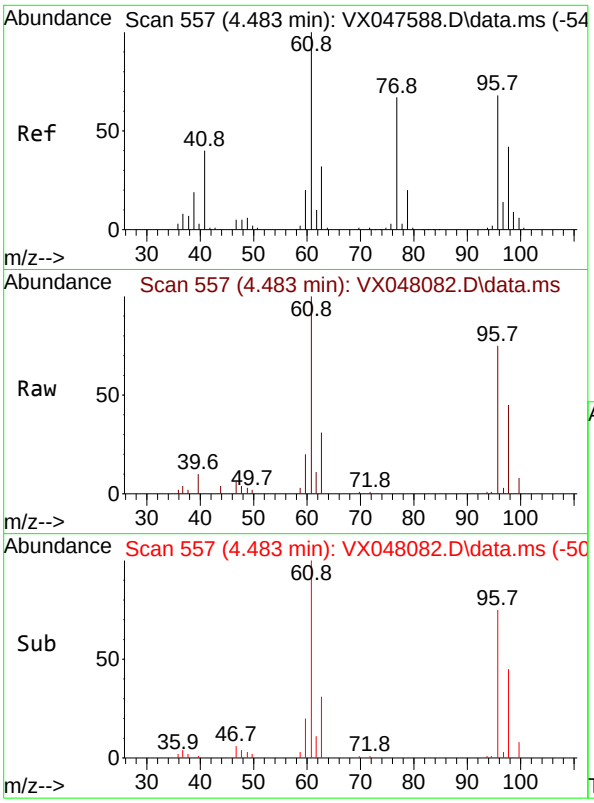


#25
2-Butanone
Concen: 9.315 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.024 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Tgt Ion: 43 Resp: 10546

Ion	Ratio	Lower	Upper
43	100		
72	18.5	20.1	30.1#



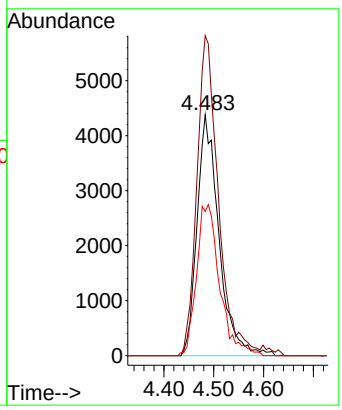


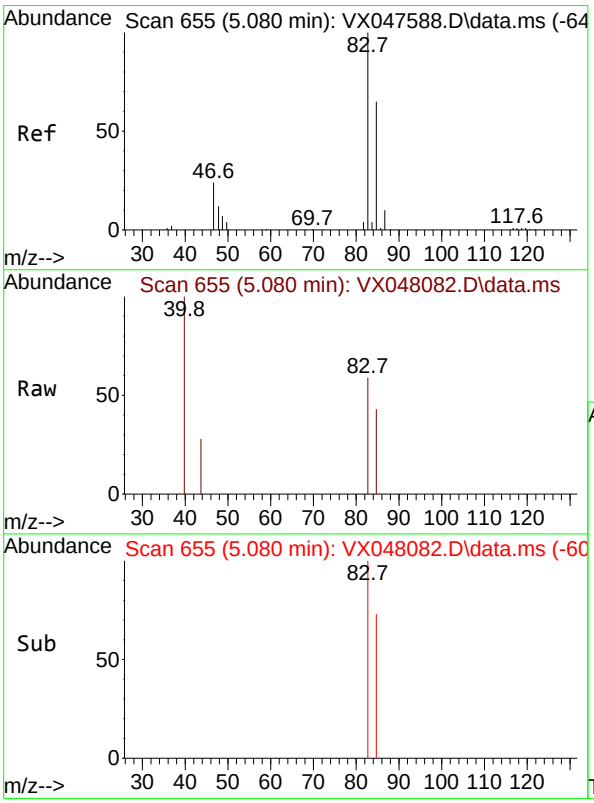
#27
cis-1,2-Dichloroethene
Concen: 6.487 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Tgt Ion: 96 Resp: 13327

Ion	Ratio	Lower	Upper
96	100		
61	130.6	0.0	303.2
98	66.4	0.0	127.8

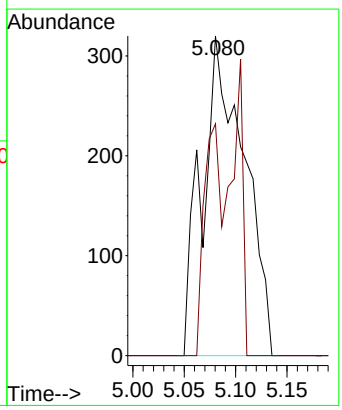


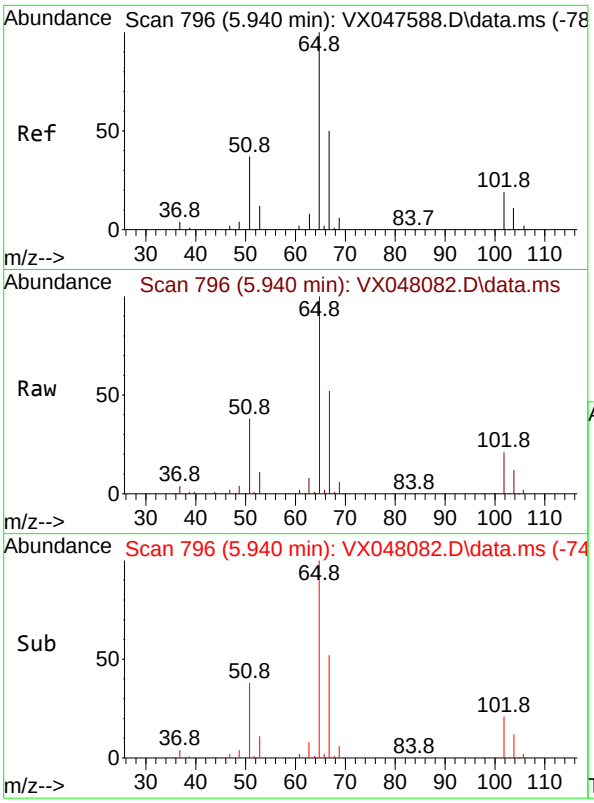


#30
Chloroform
Concen: 0.271 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Tgt Ion: 83 Resp: 908

Ion	Ratio	Lower	Upper
83	100		
85	72.5	51.8	77.6



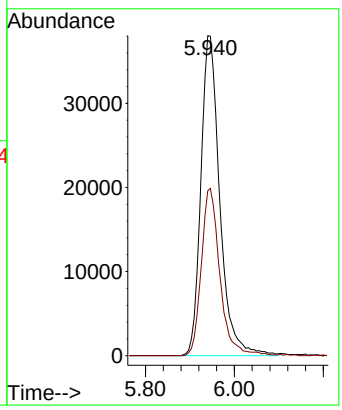


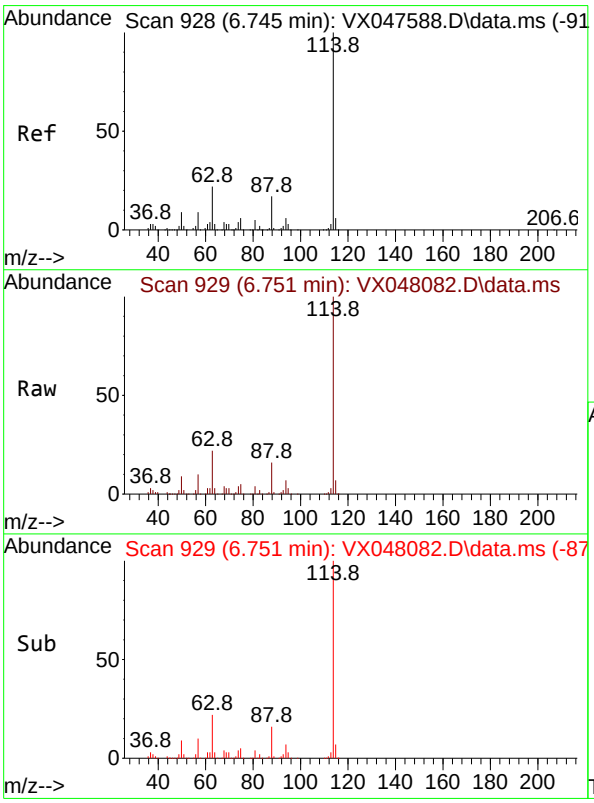
#33
1,2-Dichloroethane-d4
Concen: 54.102 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Tgt Ion: 65 Resp: 112939

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0

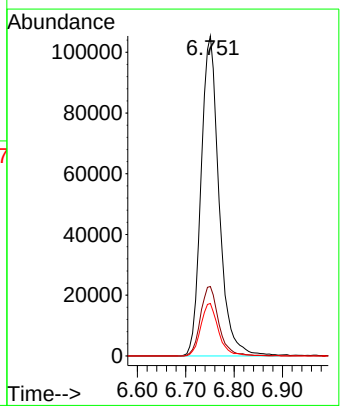


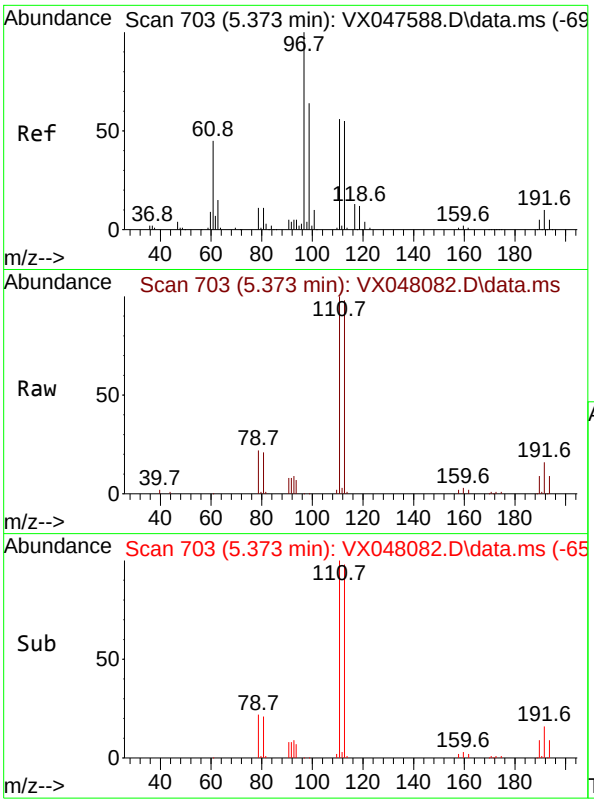


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Tgt Ion:114 Resp: 272486

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.4	0.0	34.2



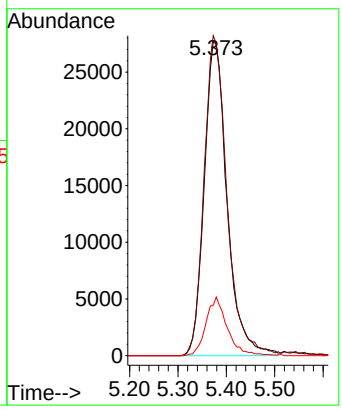


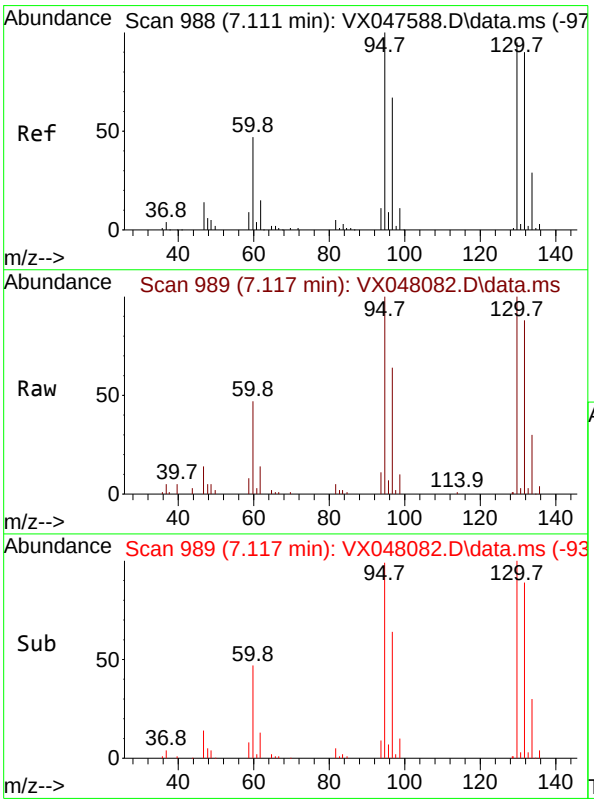
#35
Dibromofluoromethane
Concen: 49.818 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Tgt Ion:113 Resp: 91039

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.9	121.3
192	17.4	14.2	21.4

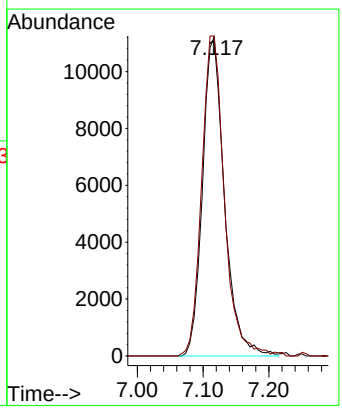


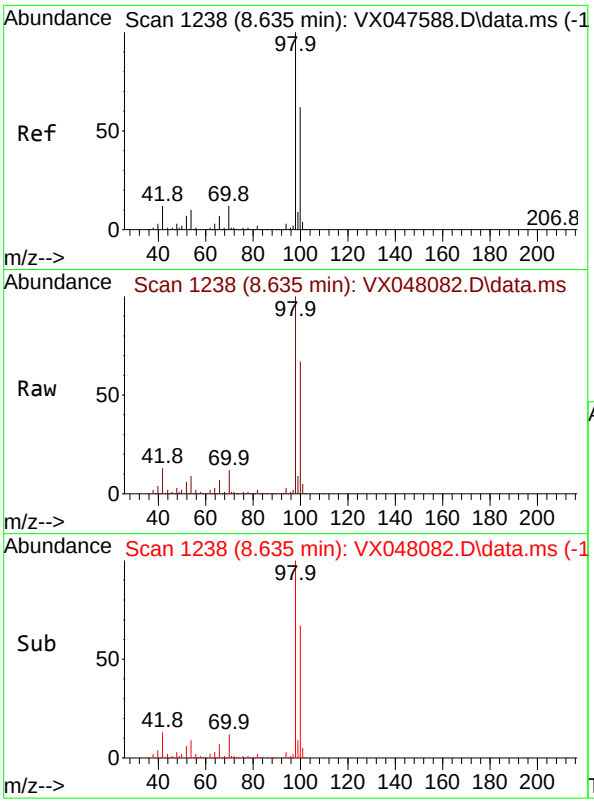


#44
Trichloroethene
Concen: 13.271 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Tgt Ion:130 Resp: 26022

Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	210.8



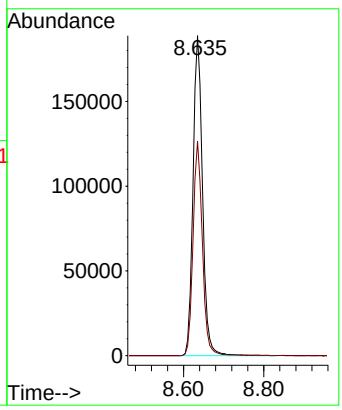


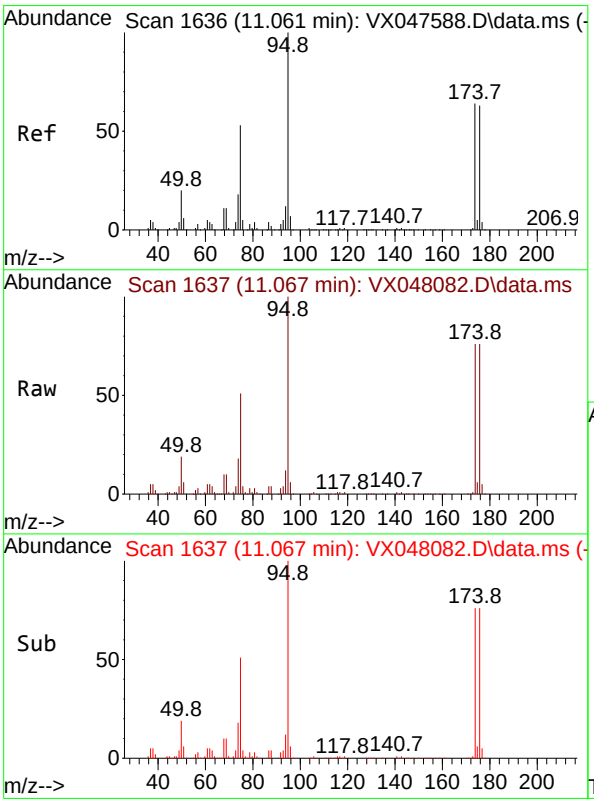
#50
Toluene-d8
Concen: 48.997 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Tgt Ion: 98 Resp: 309824

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4

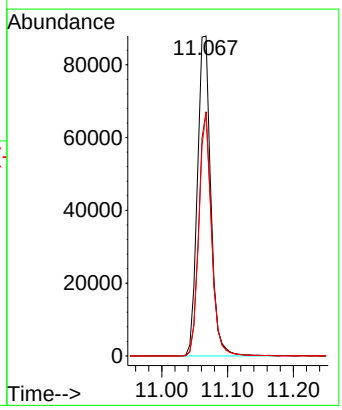


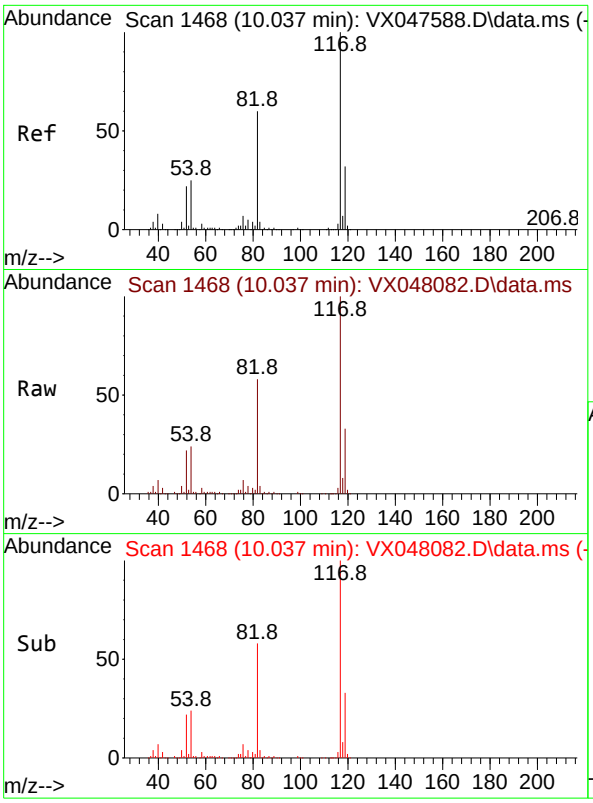


#62
4-Bromofluorobenzene
Concen: 51.613 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Tgt Ion: 95 Resp: 123862

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	141.6
176	71.2	0.0	138.4



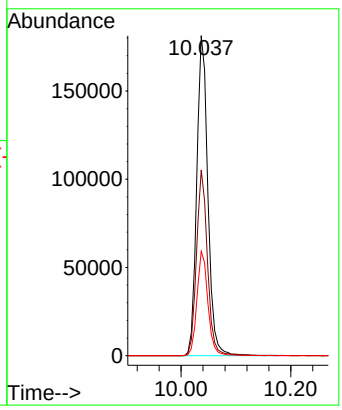


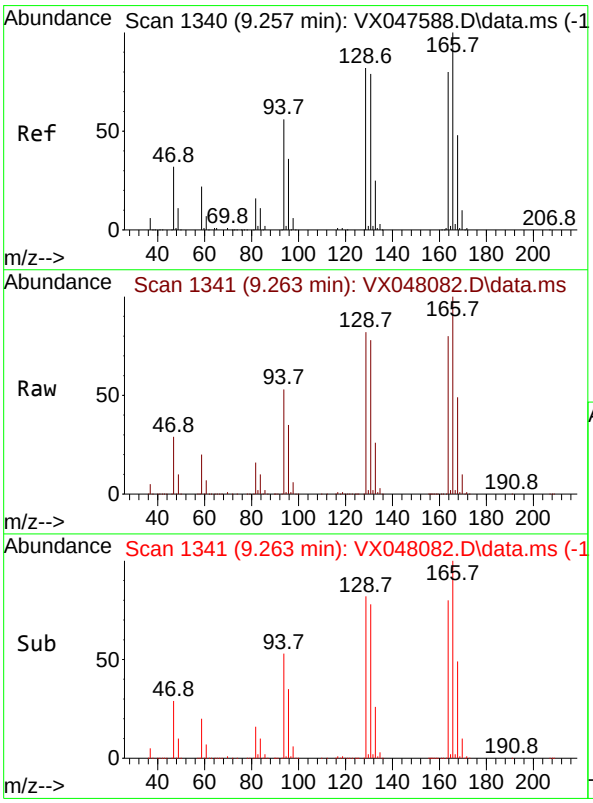
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Tgt Ion:117 Resp: 257011

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.6
119	32.6	25.2	37.8

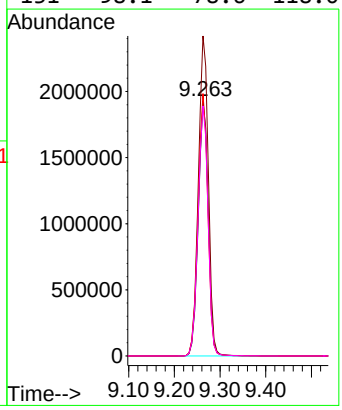


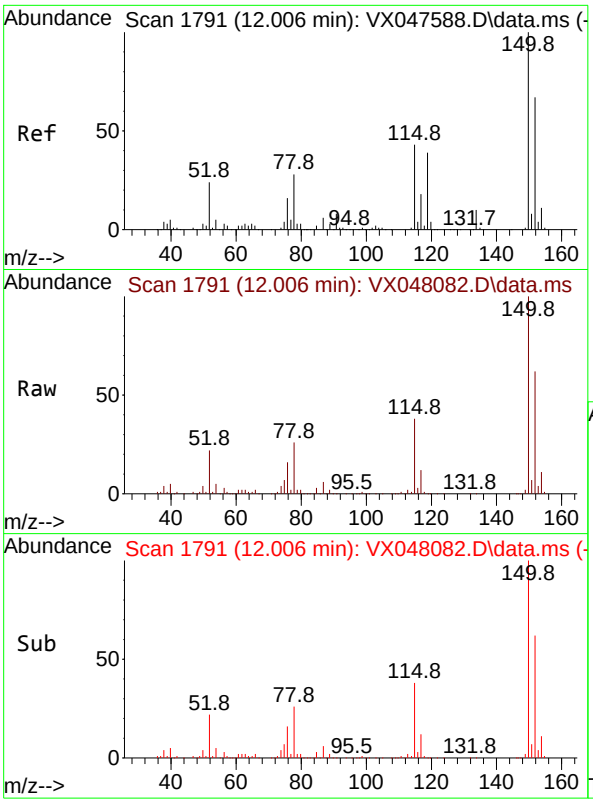


#64
Tetrachloroethene
Concen: 1747.576 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Tgt Ion:164 Resp: 2927961

Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.2	150.2
129	102.9	81.8	122.6
131	98.1	78.6	118.0



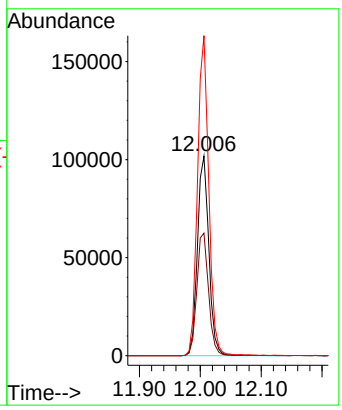


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048082.D
Acq: 09 Oct 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Tgt Ion:152 Resp: 132444

Ion	Ratio	Lower	Upper
152	100		
115	62.8	44.9	134.5
150	158.0	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048082.D
Acq On : 09 Oct 2025 13:39
Operator : JC/MD
Sample : Q3311-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	691	703	721	rBV4	92497	302450	1.28%	1.066%
2	5.544	721	731	752	rVB	128545	410000	1.74%	1.445%
3	5.940	786	796	819	rBV	103095	305648	1.29%	1.077%
4	6.751	918	929	952	rBV	251134	654964	2.77%	2.309%
5	8.635	1231	1238	1256	rBV	505327	836353	3.54%	2.948%
6	9.263	1333	1341	1368	rBV	15581220	23613119	100.00%	83.238%
7	10.037	1462	1468	1489	rBV	575414	811211	3.44%	2.860%
8	11.067	1631	1637	1652	rBV	422434	593792	2.51%	2.093%
9	12.006	1785	1791	1802	rBV	630903	840692	3.56%	2.963%

Sum of corrected areas: 28368229

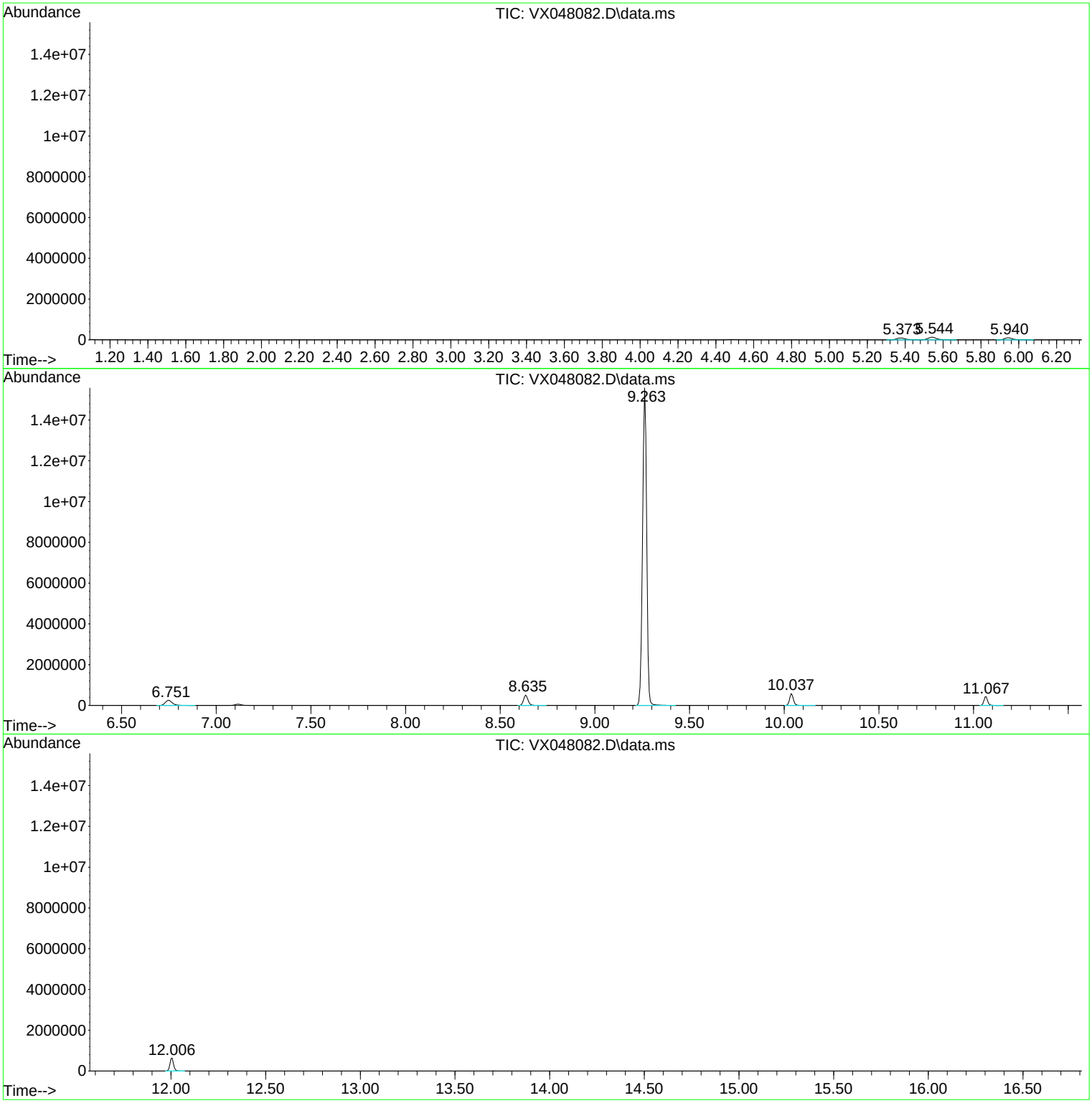
Sample Results: **VX048082.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048082.D
Acq On : 09 Oct 2025 13:39
Operator : JC/MD
Sample : Q3311-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048082.D
Acq On : 09 Oct 2025 13:39
Operator : JC/MD
Sample : Q3311-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048082.D
Acq On : 09 Oct 2025 13:39
Operator : JC/MD
Sample : Q3311-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-1SDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-05DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	50.0	UD	50	11.0	50.0	ug/L	10/10/25 16:56	VX101025
74-87-3	Chloromethane	50.0	UD	50	16.0	50.0	ug/L	10/10/25 16:56	VX101025
75-01-4	Vinyl Chloride	50.0	UD	50	13.0	50.0	ug/L	10/10/25 16:56	VX101025
74-83-9	Bromomethane	250	UD	50	72.0	250	ug/L	10/10/25 16:56	VX101025
75-00-3	Chloroethane	50.0	UD	50	23.5	50.0	ug/L	10/10/25 16:56	VX101025
75-69-4	Trichlorofluoromethane	50.0	UD	50	16.5	50.0	ug/L	10/10/25 16:56	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	50.0	UD	50	12.5	50.0	ug/L	10/10/25 16:56	VX101025
75-35-4	1,1-Dichloroethene	50.0	UD	50	11.5	50.0	ug/L	10/10/25 16:56	VX101025
67-64-1	Acetone	250	UD	50	75.5	250	ug/L	10/10/25 16:56	VX101025
75-15-0	Carbon Disulfide	50.0	UD	50	10.5	50.0	ug/L	10/10/25 16:56	VX101025
1634-04-4	Methyl tert-butyl Ether	50.0	UD	50	8.00	50.0	ug/L	10/10/25 16:56	VX101025
79-20-9	Methyl Acetate	50.0	UD	50	13.5	50.0	ug/L	10/10/25 16:56	VX101025
75-09-2	Methylene Chloride	50.0	UD	50	14.0	50.0	ug/L	10/10/25 16:56	VX101025
156-60-5	trans-1,2-Dichloroethene	50.0	UD	50	11.5	50.0	ug/L	10/10/25 16:56	VX101025
75-34-3	1,1-Dichloroethane	50.0	UD	50	11.5	50.0	ug/L	10/10/25 16:56	VX101025
110-82-7	Cyclohexane	250	UD	50	72.5	250	ug/L	10/10/25 16:56	VX101025
78-93-3	2-Butanone	250	UD	50	49.0	250	ug/L	10/10/25 16:56	VX101025
56-23-5	Carbon Tetrachloride	50.0	UD	50	12.5	50.0	ug/L	10/10/25 16:56	VX101025
156-59-2	cis-1,2-Dichloroethene	50.0	UD	50	9.50	50.0	ug/L	10/10/25 16:56	VX101025
74-97-5	Bromochloromethane	50.0	UD	50	11.0	50.0	ug/L	10/10/25 16:56	VX101025
67-66-3	Chloroform	50.0	UD	50	12.5	50.0	ug/L	10/10/25 16:56	VX101025
71-55-6	1,1,1-Trichloroethane	50.0	UD	50	10.0	50.0	ug/L	10/10/25 16:56	VX101025
108-87-2	Methylcyclohexane	50.0	UD	50	8.00	50.0	ug/L	10/10/25 16:56	VX101025
71-43-2	Benzene	50.0	UD	50	7.50	50.0	ug/L	10/10/25 16:56	VX101025
107-06-2	1,2-Dichloroethane	50.0	UD	50	11.0	50.0	ug/L	10/10/25 16:56	VX101025
79-01-6	Trichloroethene	50.0	UD	50	4.70	50.0	ug/L	10/10/25 16:56	VX101025
78-87-5	1,2-Dichloropropane	50.0	UD	50	10.0	50.0	ug/L	10/10/25 16:56	VX101025
75-27-4	Bromodichloromethane	50.0	UD	50	11.0	50.0	ug/L	10/10/25 16:56	VX101025
108-10-1	4-Methyl-2-Pentanone	250	UD	50	34.0	250	ug/L	10/10/25 16:56	VX101025
108-88-3	Toluene	50.0	UD	50	7.00	50.0	ug/L	10/10/25 16:56	VX101025
10061-02-6	t-1,3-Dichloropropene	50.0	UD	50	8.50	50.0	ug/L	10/10/25 16:56	VX101025
10061-01-5	cis-1,3-Dichloropropene	50.0	UD	50	8.00	50.0	ug/L	10/10/25 16:56	VX101025
79-00-5	1,1,2-Trichloroethane	50.0	UD	50	10.5	50.0	ug/L	10/10/25 16:56	VX101025
591-78-6	2-Hexanone	250	UD	50	44.5	250	ug/L	10/10/25 16:56	VX101025
124-48-1	Dibromochloromethane	50.0	UD	50	9.00	50.0	ug/L	10/10/25 16:56	VX101025
106-93-4	1,2-Dibromoethane	50.0	UD	50	7.50	50.0	ug/L	10/10/25 16:56	VX101025
127-18-4	Tetrachloroethene	1700	D	50	11.5	50.0	ug/L	10/10/25 16:56	VX101025
108-90-7	Chlorobenzene	50.0	UD	50	6.00	50.0	ug/L	10/10/25 16:56	VX101025
100-41-4	Ethyl Benzene	50.0	UD	50	6.50	50.0	ug/L	10/10/25 16:56	VX101025
179601-23-1	m/p-Xylenes	100	UD	50	12.0	100	ug/L	10/10/25 16:56	VX101025
95-47-6	o-Xylene	50.0	UD	50	6.00	50.0	ug/L	10/10/25 16:56	VX101025
100-42-5	Styrene	50.0	UD	50	7.50	50.0	ug/L	10/10/25 16:56	VX101025
75-25-2	Bromoform	50.0	UD	50	9.50	50.0	ug/L	10/10/25 16:56	VX101025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-1SDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-05DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	50.0	UD	50	6.00	50.0	ug/L	10/10/25 16:56	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	50.0	UD	50	13.0	50.0	ug/L	10/10/25 16:56	VX101025
541-73-1	1,3-Dichlorobenzene	50.0	UD	50	8.00	50.0	ug/L	10/10/25 16:56	VX101025
106-46-7	1,4-Dichlorobenzene	50.0	UD	50	9.50	50.0	ug/L	10/10/25 16:56	VX101025
95-50-1	1,2-Dichlorobenzene	50.0	UD	50	8.00	50.0	ug/L	10/10/25 16:56	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	50.0	UD	50	26.5	50.0	ug/L	10/10/25 16:56	VX101025
120-82-1	1,2,4-Trichlorobenzene	50.0	UD	50	10.0	50.0	ug/L	10/10/25 16:56	VX101025
87-61-6	1,2,3-Trichlorobenzene	50.0	UD	50	10.0	50.0	ug/L	10/10/25 16:56	VX101025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.8			74 - 125	112%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.3			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	48.8			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.1			77 - 121	114%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	128000							
540-36-3	1,4-Difluorobenzene	268000							
3114-55-4	Chlorobenzene-d5	283000							
3855-82-1	1,4-Dichlorobenzene-d4	143000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048117.D
Acq On : 10 Oct 2025 16:56
Operator : JC/MD
Sample : Q3311-05DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Quant Time: Oct 10 23:51:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

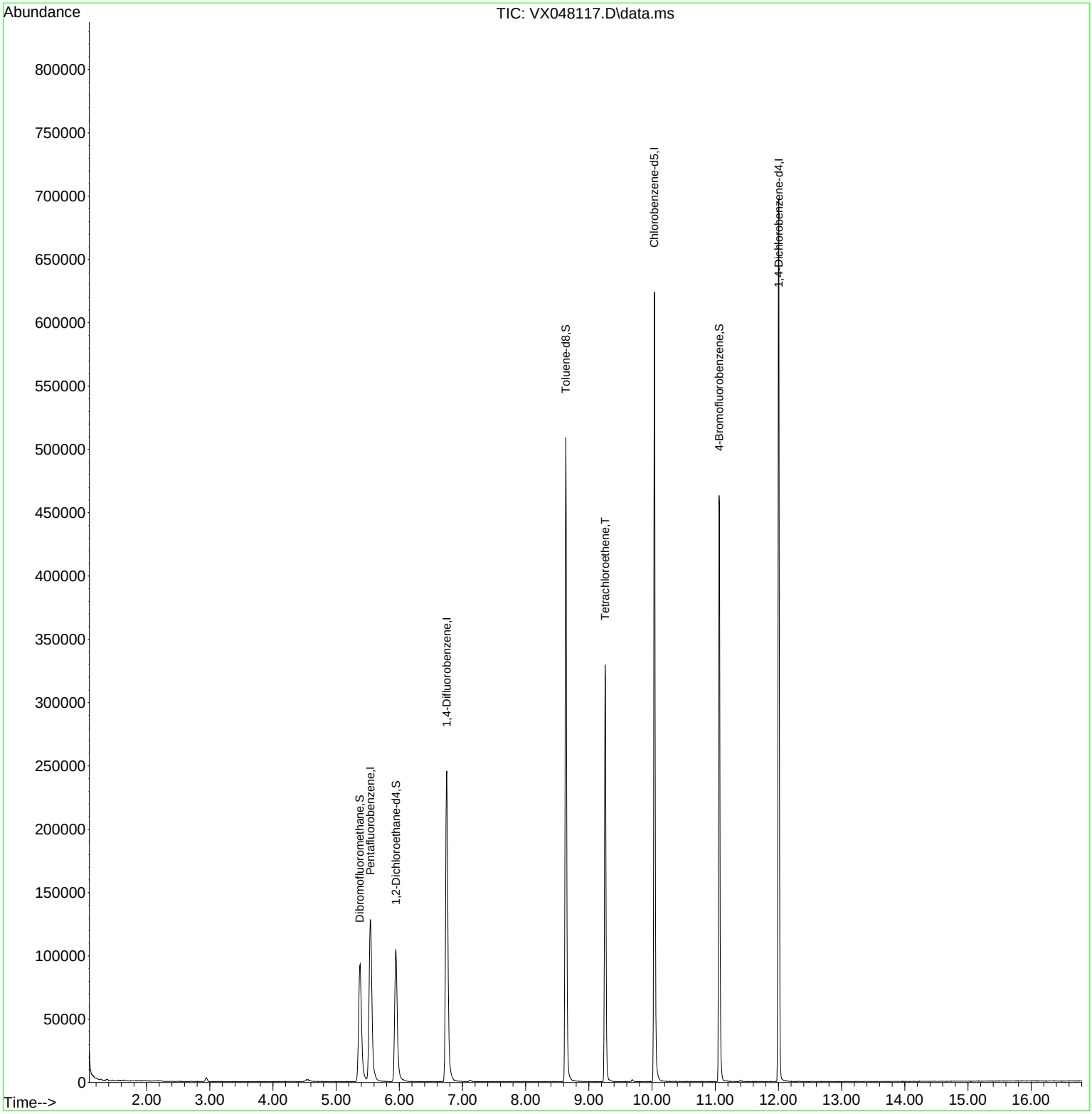
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	127982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	267787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	282940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113607	55.768	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.540%			
35) Dibromofluoromethane	5.373	113	90402	50.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	8.635	98	303195	48.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.580%			
62) 4-Bromofluorobenzene	11.061	95	134619	57.080	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.160%			
Target Compounds						Qvalue
64) Tetrachloroethene	9.256	164	63775	34.576	ug/l	99

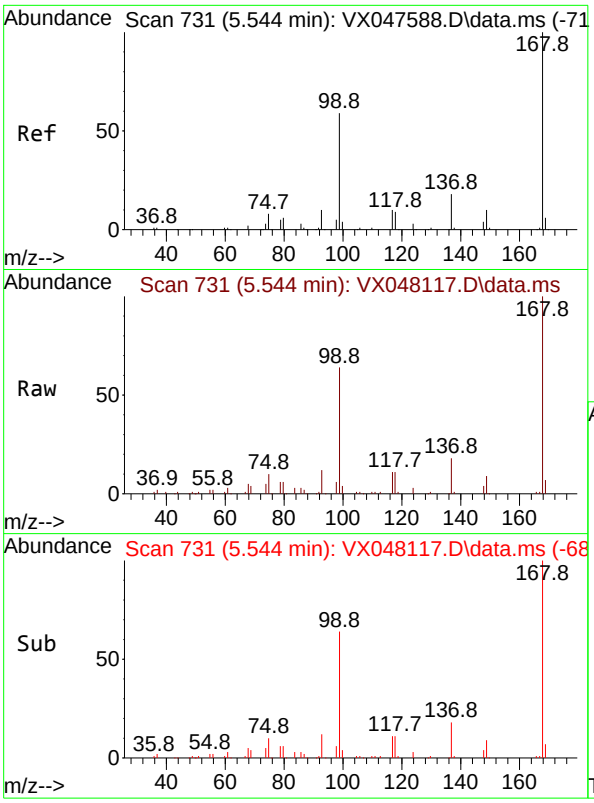
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048117.D
Acq On : 10 Oct 2025 16:56
Operator : JC/MD
Sample : Q3311-05DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Quant Time: Oct 10 23:51:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



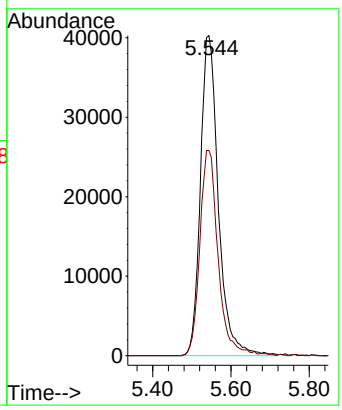


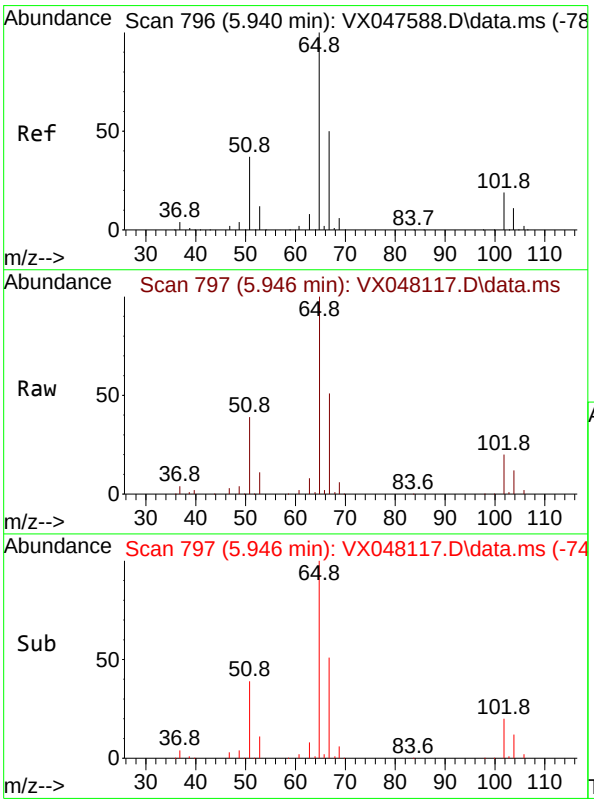
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Tgt Ion:168 Resp: 127982

Ion	Ratio	Lower	Upper
168	100		
99	64.2	48.8	73.2

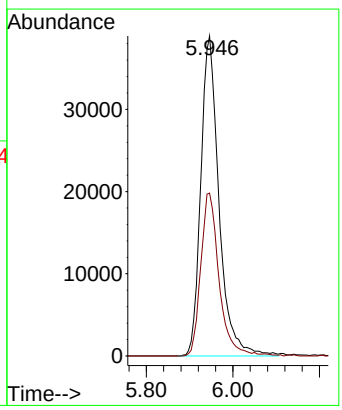


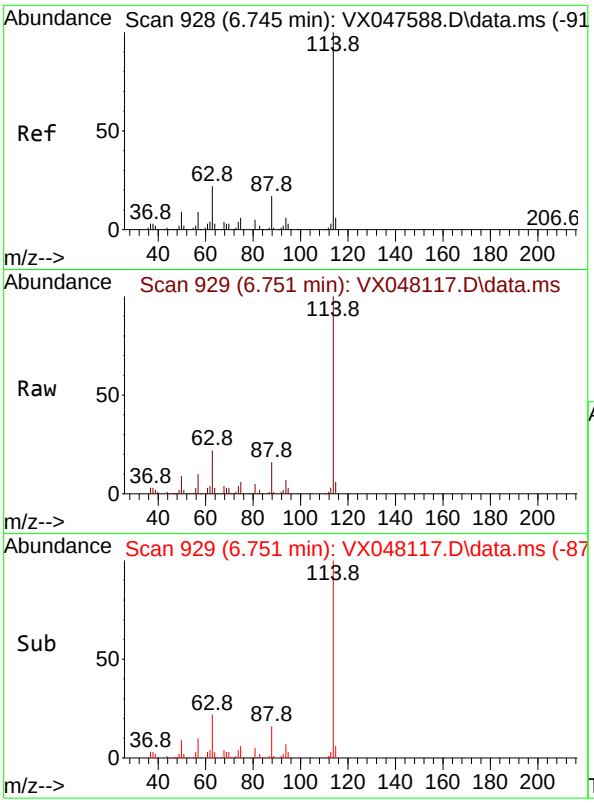


#33
1,2-Dichloroethane-d4
Concen: 55.768 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion: 65 Resp: 113607

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0



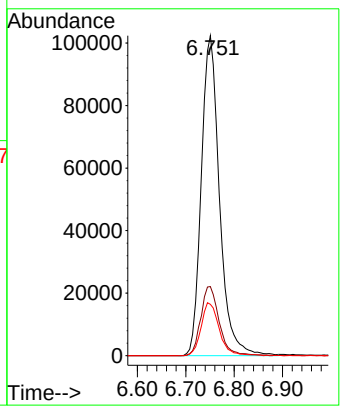


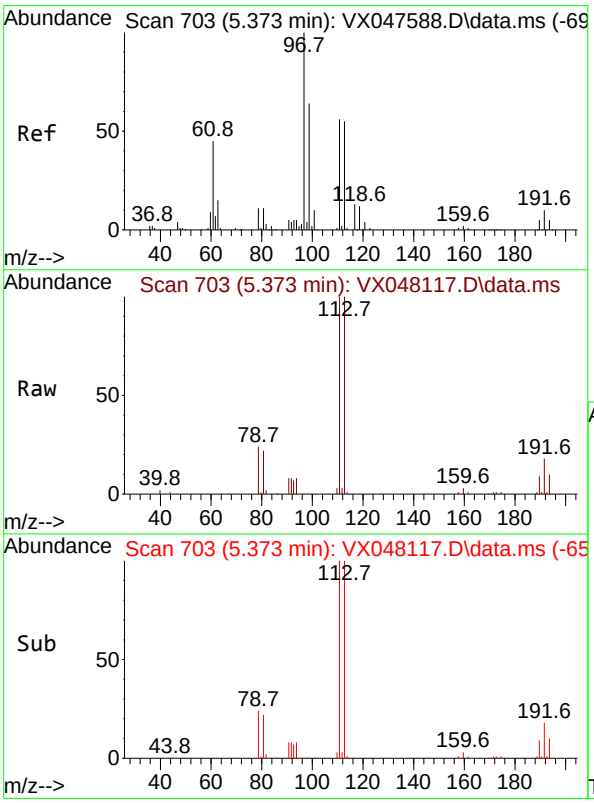
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Tgt Ion:114 Resp: 267787

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	16.1	0.0	34.2

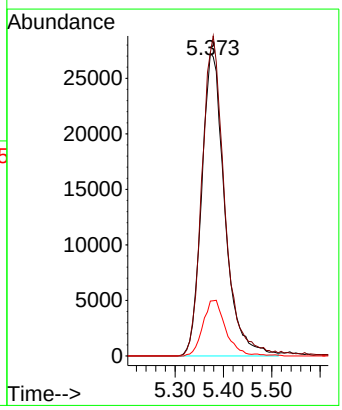


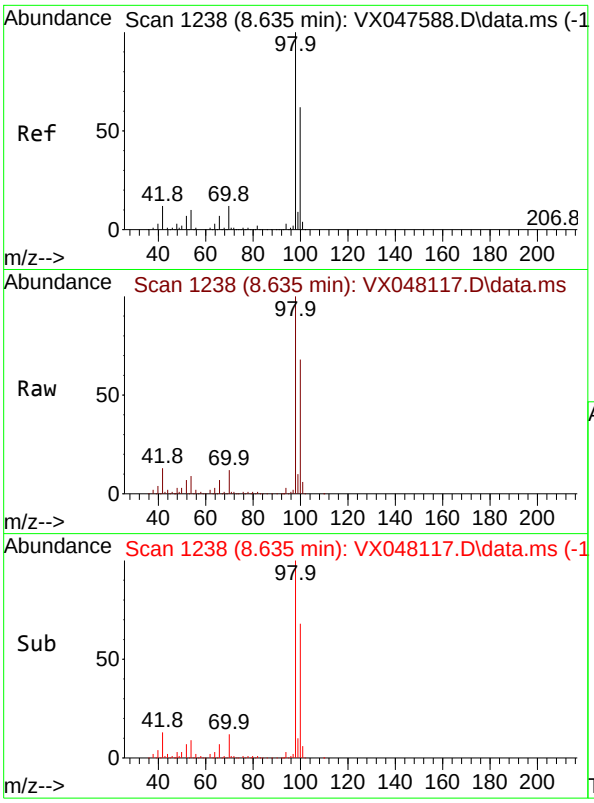


#35
Dibromofluoromethane
Concen: 50.337 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion:113 Resp: 90402

Ion	Ratio	Lower	Upper
113	100		
111	104.5	80.9	121.3
192	18.0	14.2	21.4



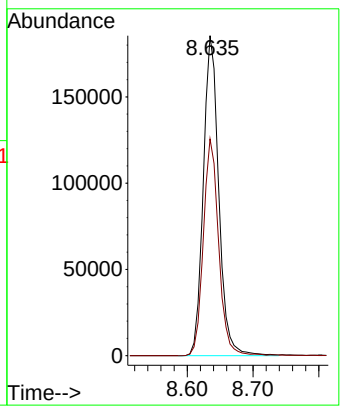


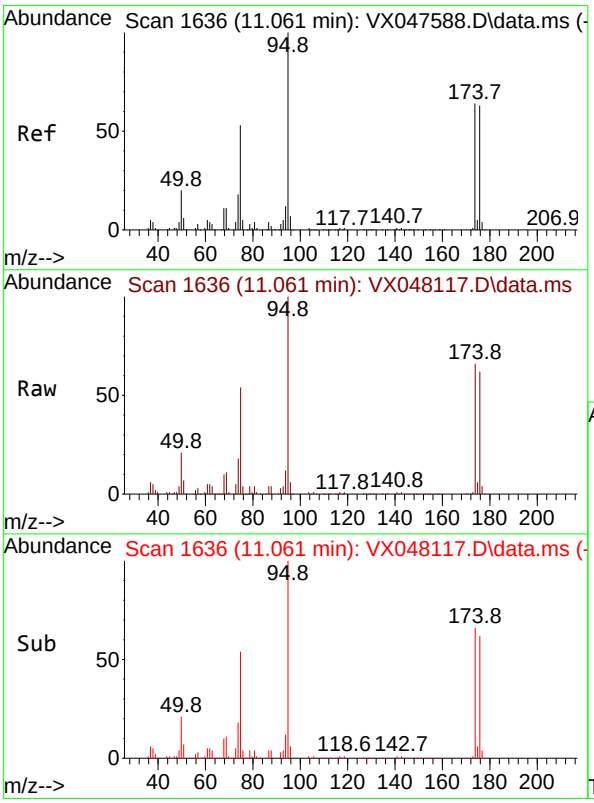
#50
Toluene-d8
Concen: 48.790 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Tgt Ion: 98 Resp: 303195

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.0	79.4

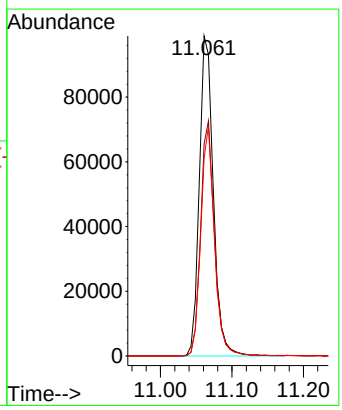


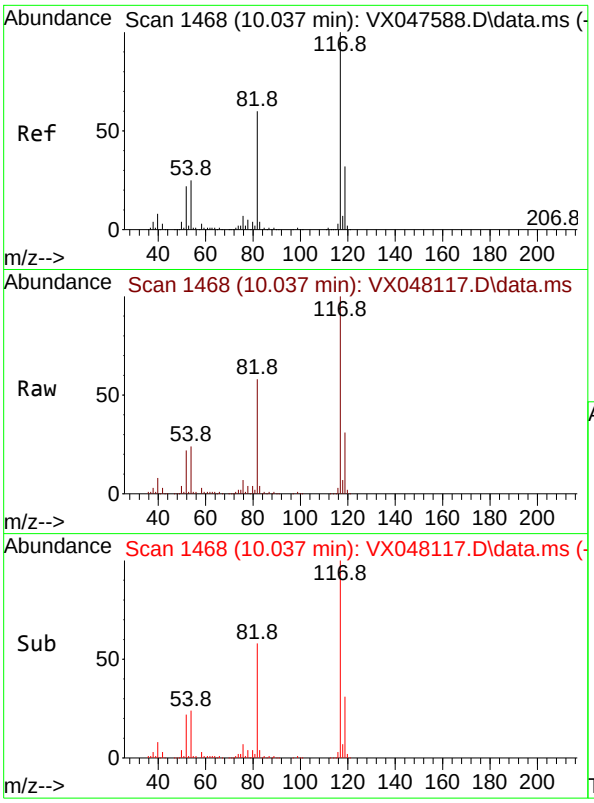


#62
4-Bromofluorobenzene
Concen: 57.080 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion: 95 Resp: 134619

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	141.6
176	69.7	0.0	138.4



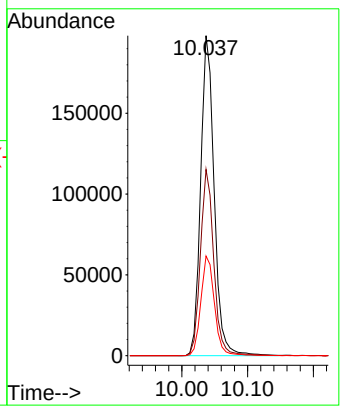


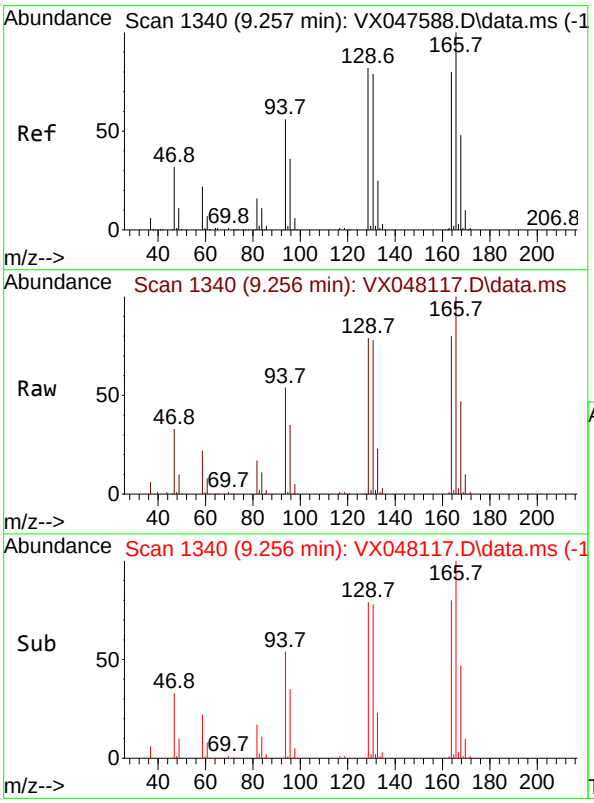
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Tgt Ion:117 Resp: 282940

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.8	71.6
119	31.1	25.2	37.8

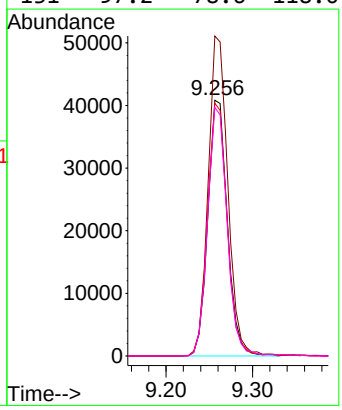


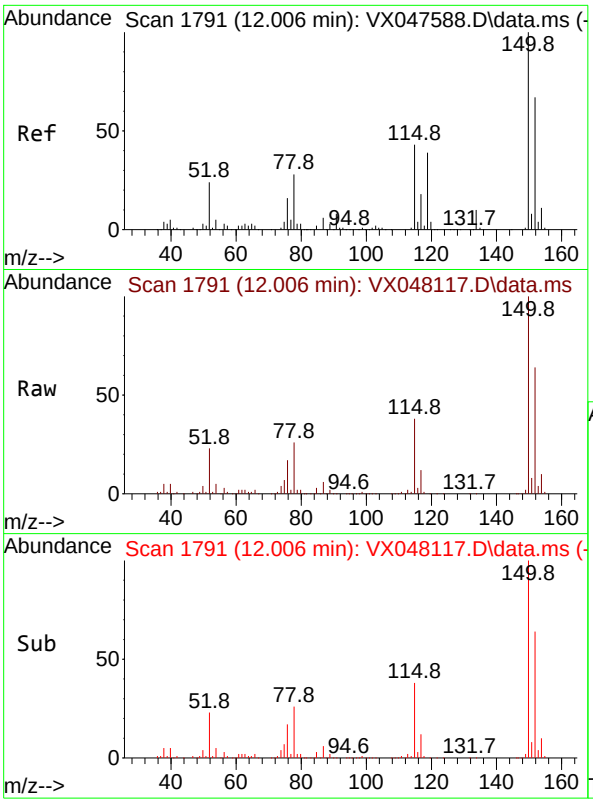


#64
Tetrachloroethene
Concen: 34.576 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion:164 Resp: 63775

Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.2	150.2
129	98.9	81.8	122.6
131	97.2	78.6	118.0



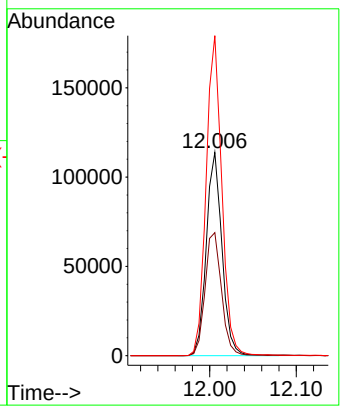


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Tgt Ion:152 Resp: 143470

Ion	Ratio	Lower	Upper
152	100		
115	63.6	44.9	134.5
150	157.7	0.0	352.0



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-1D	SDG No.:	Q3311
Lab Sample ID:	Q3311-06	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:00	VX100925
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/09/25 14:00	VX100925
75-01-4	Vinyl Chloride	0.61	J	1	0.26	1.00	ug/L	10/09/25 14:00	VX100925
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/09/25 14:00	VX100925
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/09/25 14:00	VX100925
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/09/25 14:00	VX100925
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:00	VX100925
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:00	VX100925
67-64-1	Acetone	11.4		1	1.50	5.00	ug/L	10/09/25 14:00	VX100925
75-15-0	Carbon Disulfide	0.62	J	1	0.21	1.00	ug/L	10/09/25 14:00	VX100925
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:00	VX100925
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/09/25 14:00	VX100925
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/09/25 14:00	VX100925
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:00	VX100925
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:00	VX100925
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/09/25 14:00	VX100925
78-93-3	2-Butanone	4.10	J	1	0.98	5.00	ug/L	10/09/25 14:00	VX100925
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:00	VX100925
156-59-2	cis-1,2-Dichloroethene	2.40		1	0.19	1.00	ug/L	10/09/25 14:00	VX100925
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:00	VX100925
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:00	VX100925
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:00	VX100925
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:00	VX100925
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/09/25 14:00	VX100925
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:00	VX100925
79-01-6	Trichloroethene	1.70		1	0.090	1.00	ug/L	10/09/25 14:00	VX100925
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:00	VX100925
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:00	VX100925
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/09/25 14:00	VX100925
108-88-3	Toluene	0.25	J	1	0.14	1.00	ug/L	10/09/25 14:00	VX100925
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/09/25 14:00	VX100925
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:00	VX100925
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/09/25 14:00	VX100925
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/09/25 14:00	VX100925
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/09/25 14:00	VX100925
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/09/25 14:00	VX100925
127-18-4	Tetrachloroethene	310	E	1	0.23	1.00	ug/L	10/09/25 14:00	VX100925
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 14:00	VX100925
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/09/25 14:00	VX100925
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/09/25 14:00	VX100925
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/09/25 14:00	VX100925
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/09/25 14:00	VX100925
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/09/25 14:00	VX100925

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-1D	SDG No.:	Q3311
Lab Sample ID:	Q3311-06	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 14:00	VX100925
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/09/25 14:00	VX100925
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:00	VX100925
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/09/25 14:00	VX100925
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:00	VX100925
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/09/25 14:00	VX100925
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:00	VX100925
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:00	VX100925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.4			74 - 125	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.1			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	49.1			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.7			77 - 121	115%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	126000							
540-36-3	1,4-Difluorobenzene	265000							
3114-55-4	Chlorobenzene-d5	275000							
3855-82-1	1,4-Dichlorobenzene-d4	143000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048083.D
Acq On : 09 Oct 2025 14:00
Operator : JC/MD
Sample : Q3311-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Quant Time: Oct 10 01:24:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

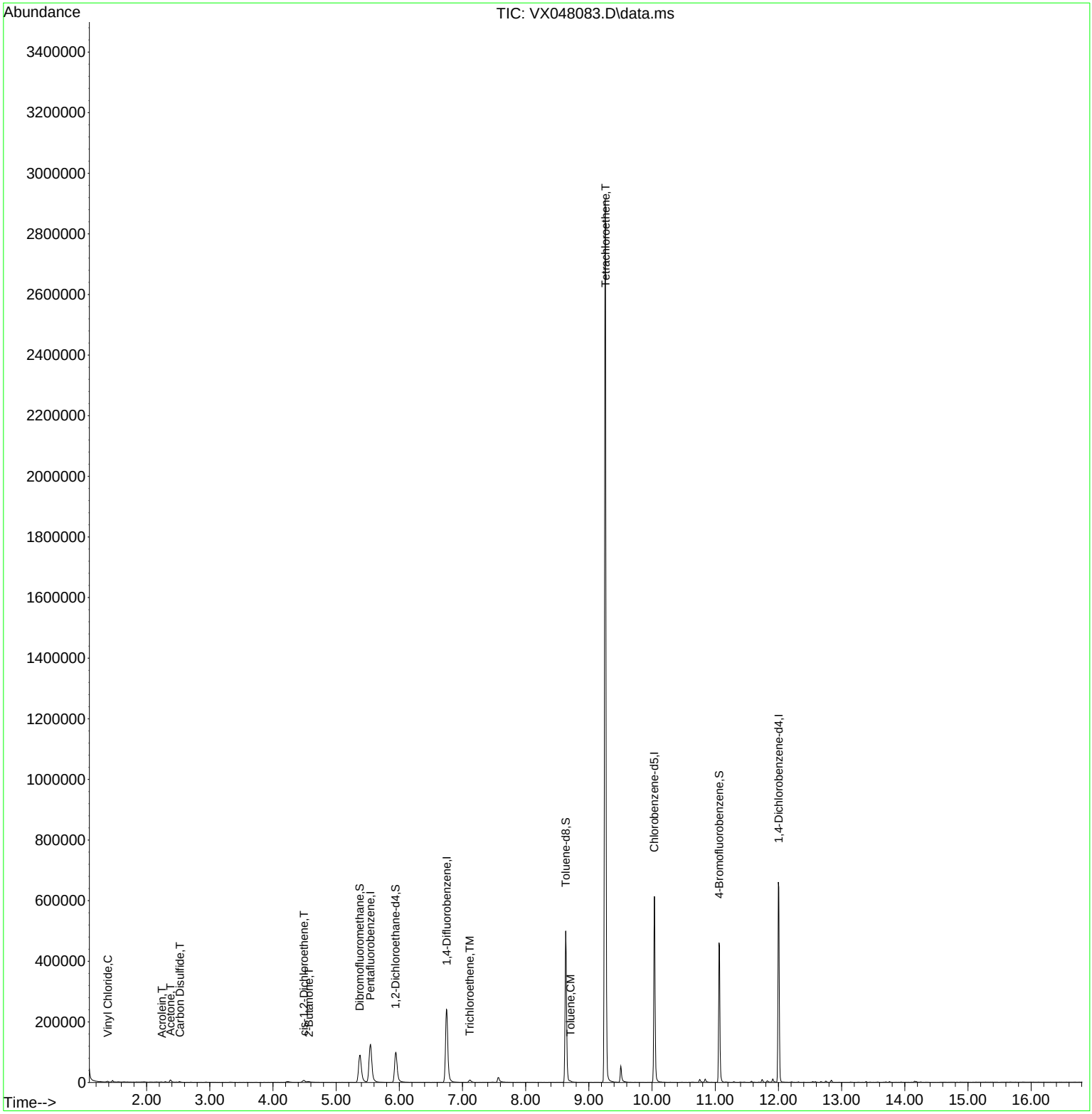
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	125884	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.751	114	264953	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	275267	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142615	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.940	65	110914	55.353	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.700%				
35) Dibromofluoromethane	5.373	113	88996	50.084	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.160%				
50) Toluene-d8	8.635	98	302025	49.122	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.240%				
62) 4-Bromofluorobenzene	11.061	95	134616	57.689	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.380%				
Target Compounds							Qvalue
4) Vinyl Chloride	1.386	62	1023	0.610	ug/l		94
13) Acrolein	2.239	56	290	1.410	ug/l		92
16) Acetone	2.380	43	9921	11.387	ug/l		96
17) Carbon Disulfide	2.526	76	2528	0.617	ug/l	#	84
25) 2-Butanone	4.568	43	4499	4.140	ug/l	#	87
27) cis-1,2-Dichloroethene	4.489	96	4775	2.421	ug/l		85
44) Trichloroethene	7.117	130	3216	1.687	ug/l		86
52) Toluene	8.708	92	1225	0.252	ug/l		89
64) Tetrachloroethene	9.263	164	559434	311.758	ug/l		98

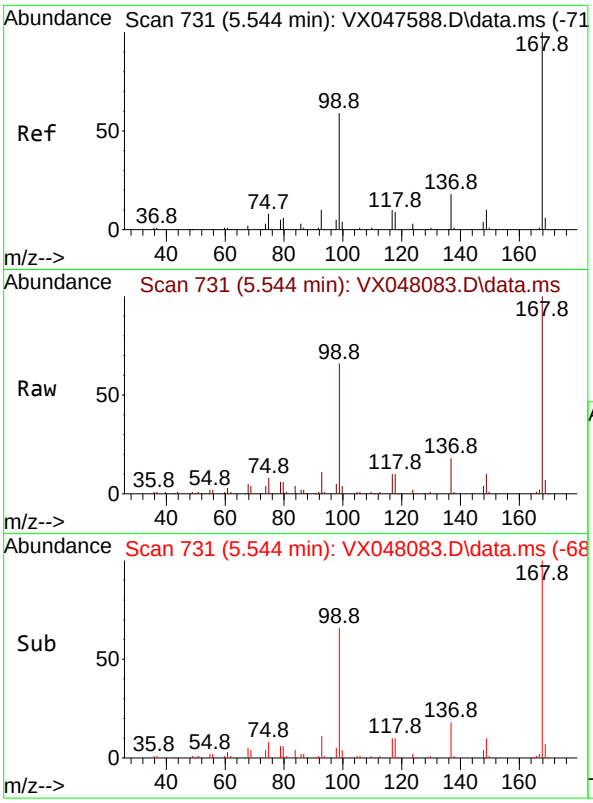
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048083.D
Acq On : 09 Oct 2025 14:00
Operator : JC/MD
Sample : Q3311-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Quant Time: Oct 10 01:24:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



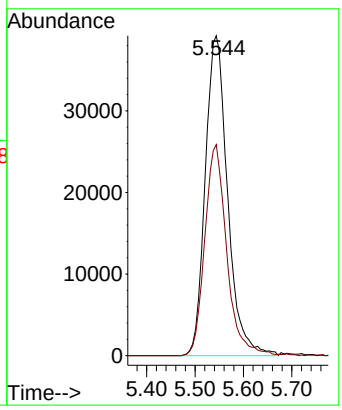


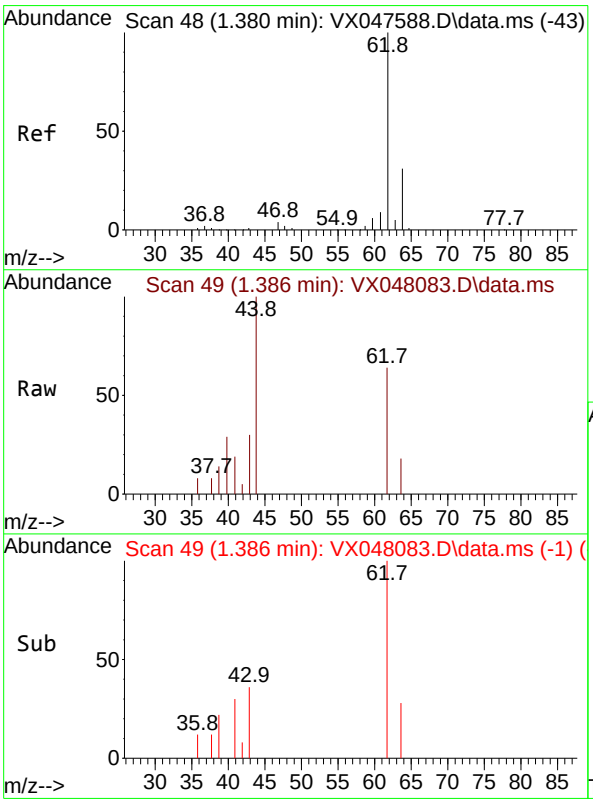
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion:168 Resp: 125884

Ion	Ratio	Lower	Upper
168	100		
99	66.0	48.8	73.2

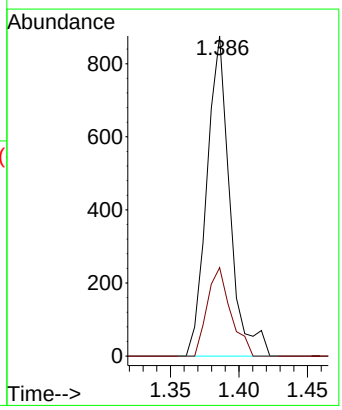


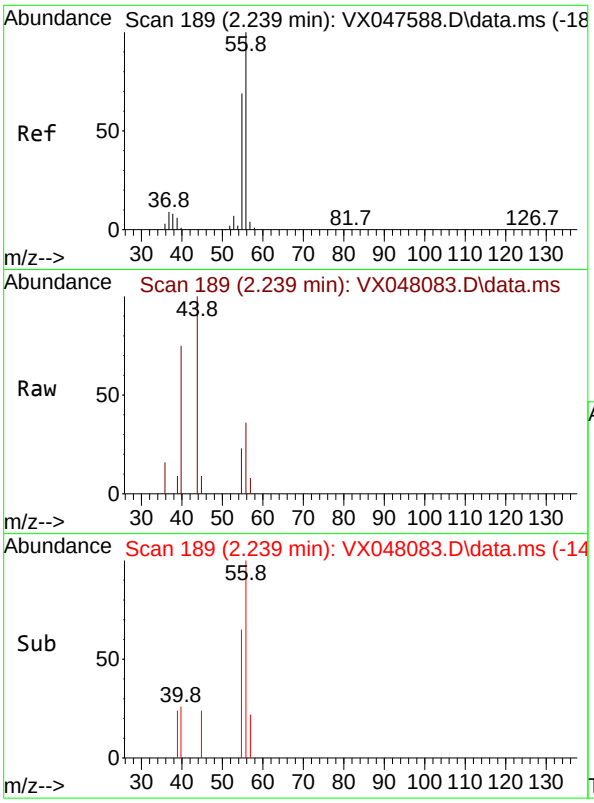


#4
Vinyl Chloride
Concen: 0.610 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 62 Resp: 1023

Ion	Ratio	Lower	Upper
62	100		
64	27.6	24.9	37.3



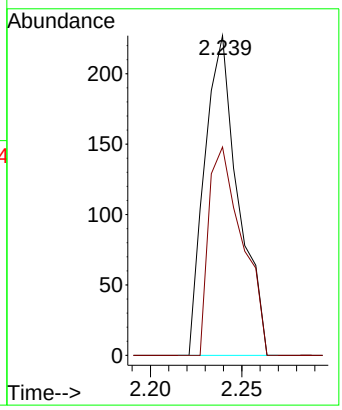


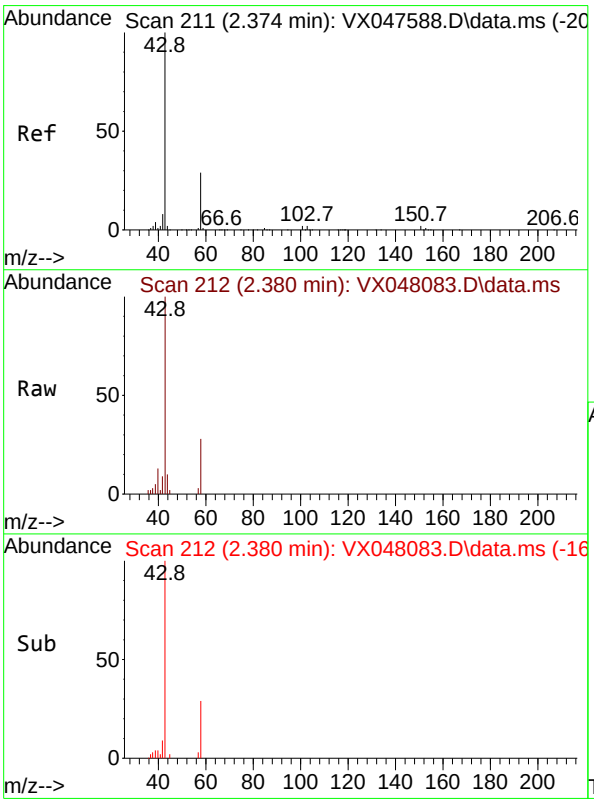
#13
Acrolein
Concen: 1.410 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 56 Resp: 290

Ion	Ratio	Lower	Upper
56	100		
55	65.2	57.2	85.8

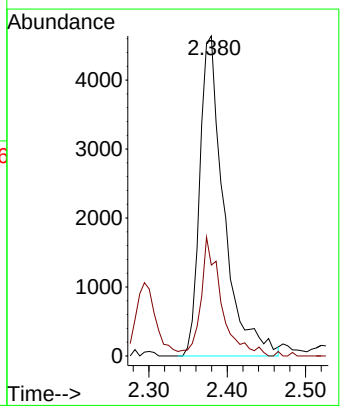


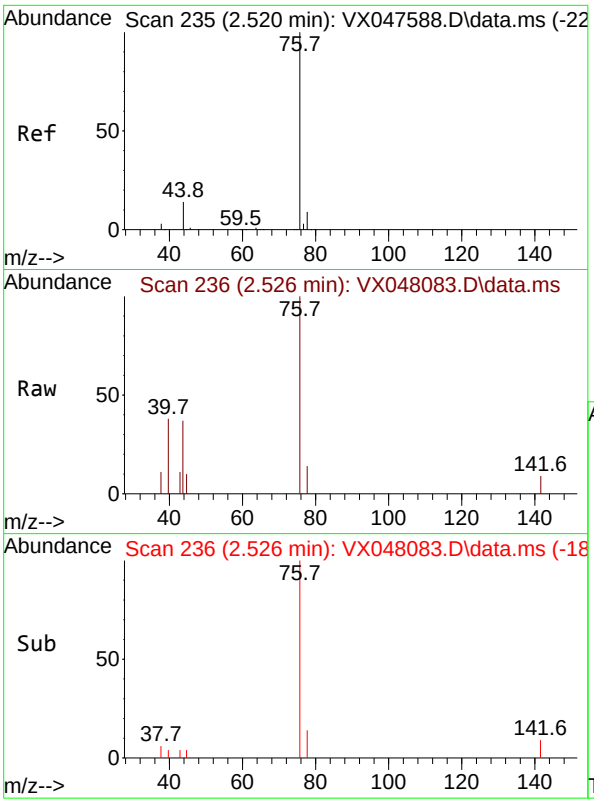


#16
Acetone
Concen: 11.387 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 43 Resp: 9921

Ion	Ratio	Lower	Upper
43	100		
58	27.0	23.4	35.0



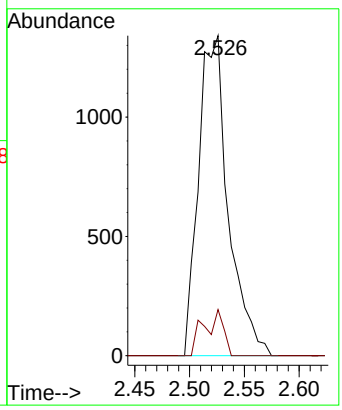


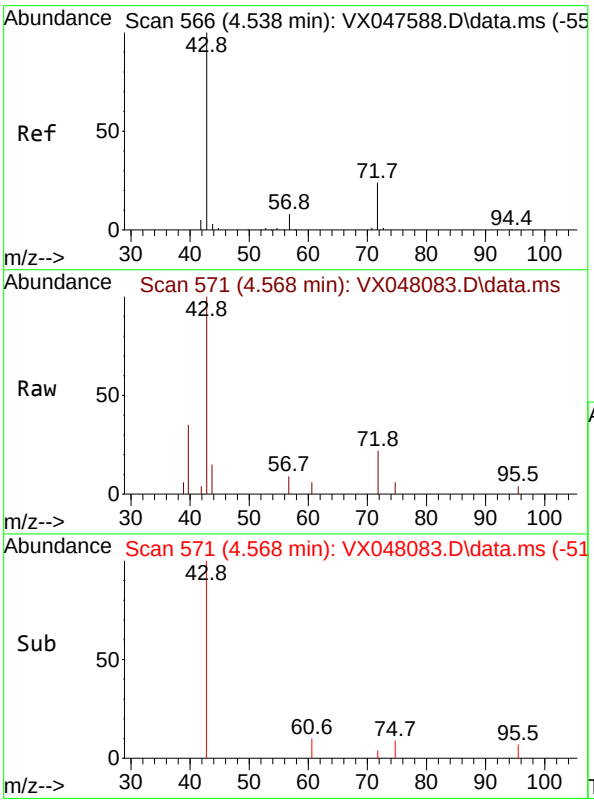
#17
Carbon Disulfide
Concen: 0.617 ug/l
RT: 2.526 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 76 Resp: 2528

Ion	Ratio	Lower	Upper
76	100		
78	14.4	6.8	10.2#

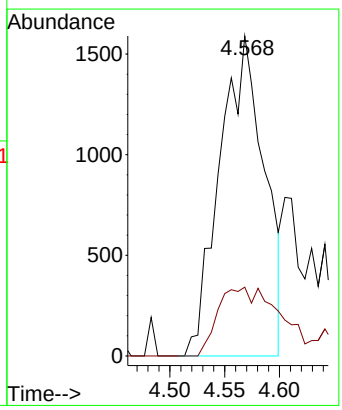


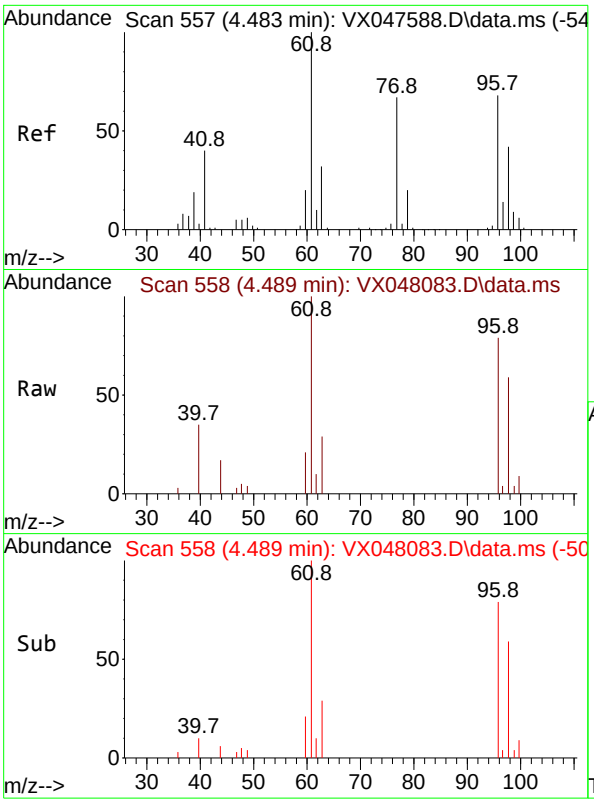


#25
2-Butanone
Concen: 4.140 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.030 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 43 Resp: 4499

Ion	Ratio	Lower	Upper
43	100		
72	18.8	20.1	30.1#



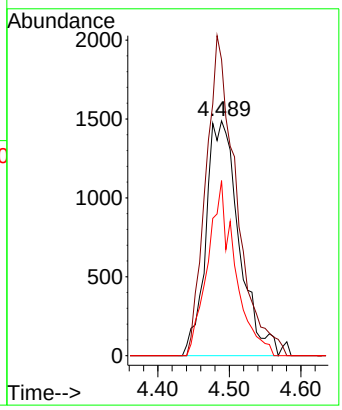


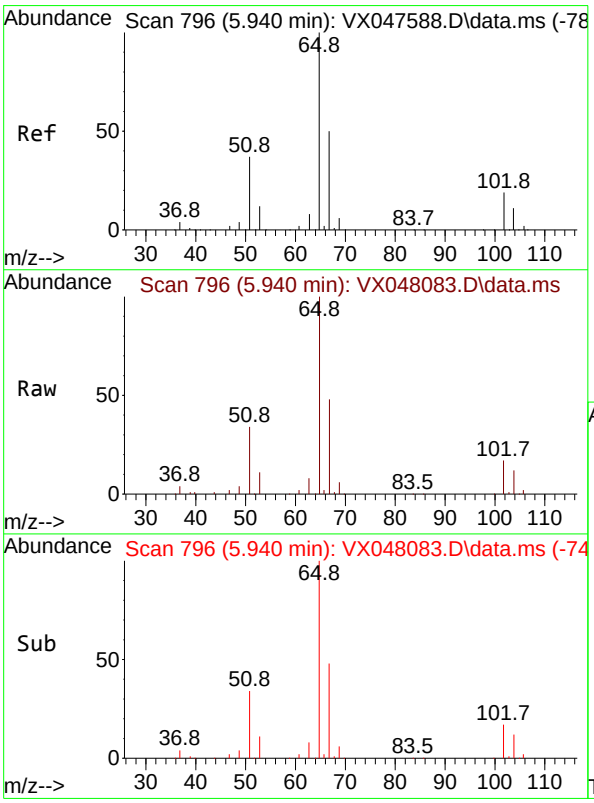
#27
cis-1,2-Dichloroethene
Concen: 2.421 ug/l
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 96 Resp: 4775

Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	303.2
98	61.9	0.0	127.8

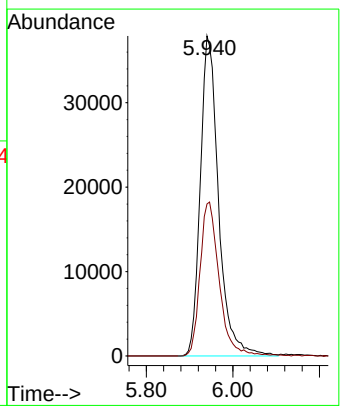


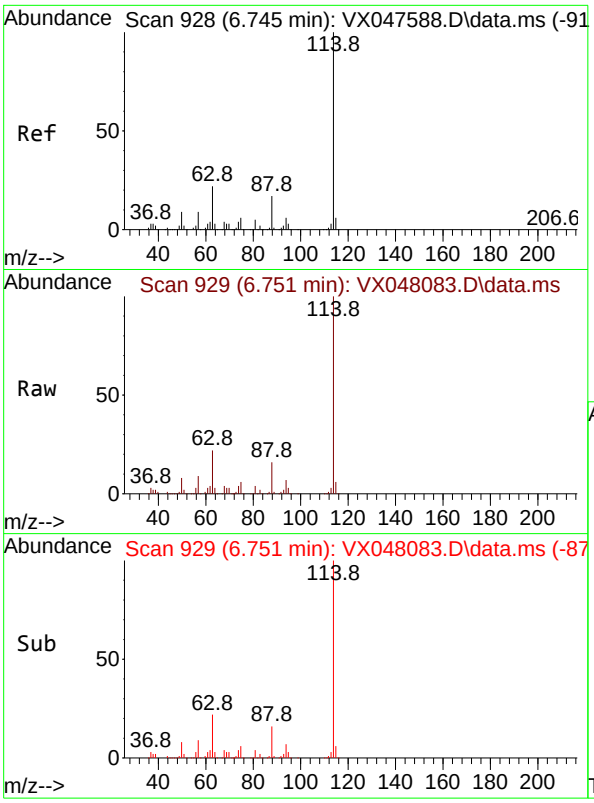


#33
1,2-Dichloroethane-d4
Concen: 55.353 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 65 Resp: 110914

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	103.0



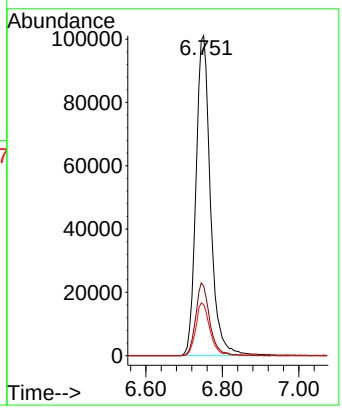


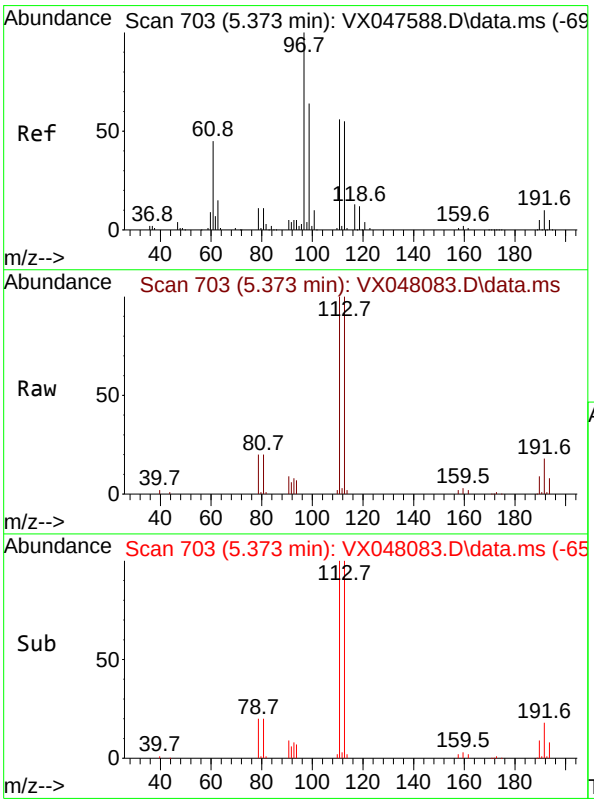
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion:114 Resp: 264953

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	16.0	0.0	34.2

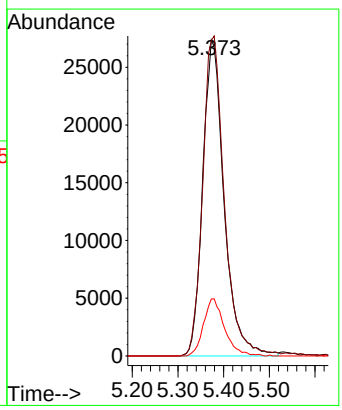


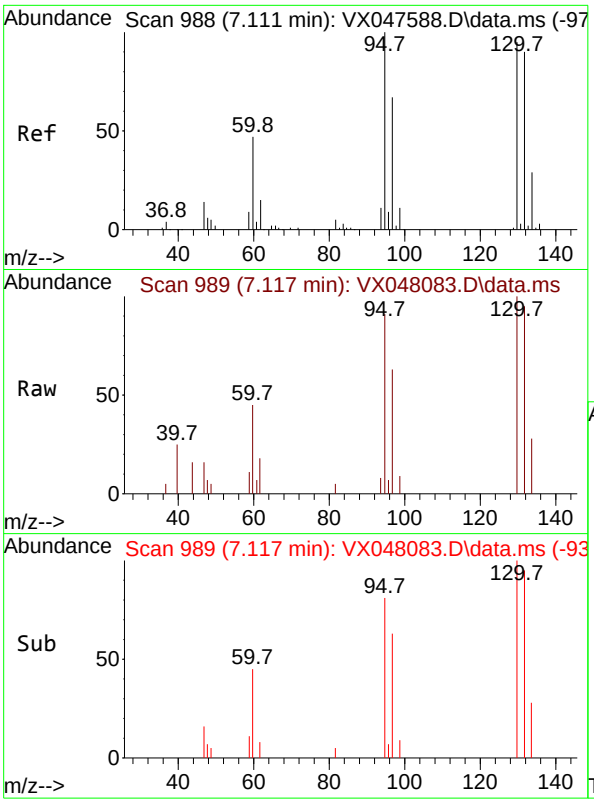


#35
Dibromofluoromethane
Concen: 50.084 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion:113 Resp: 88996

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.9	121.3
192	17.8	14.2	21.4



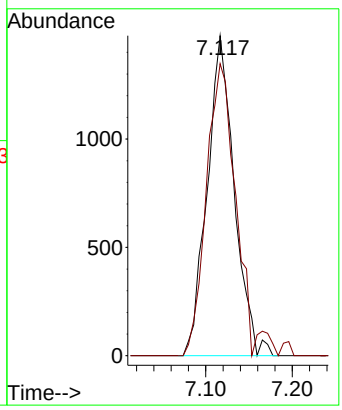


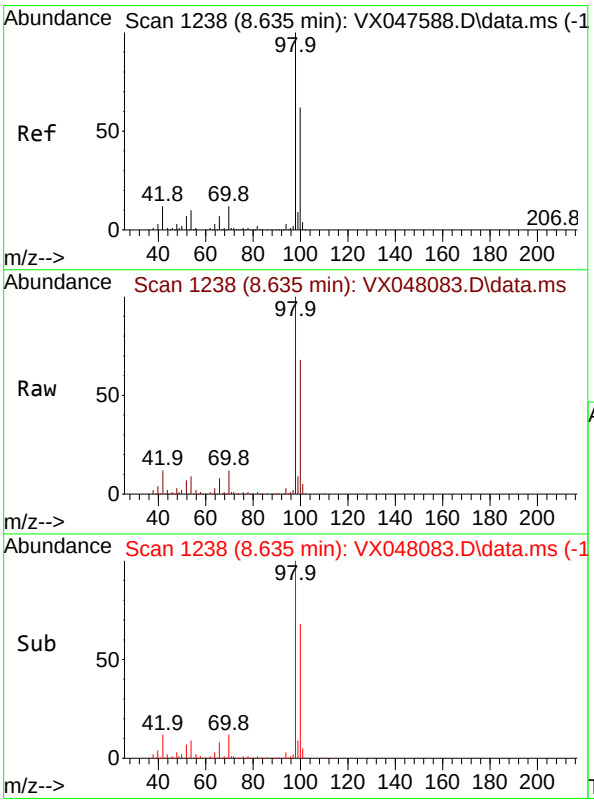
#44
Trichloroethene
Concen: 1.687 ug/l
RT: 7.117 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion:130 Resp: 3216

Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	210.8

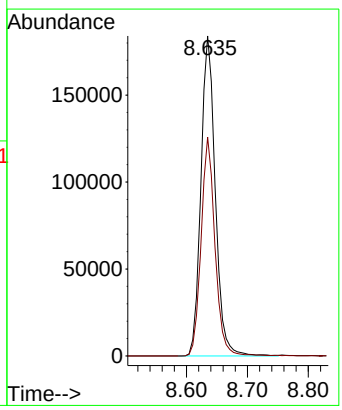


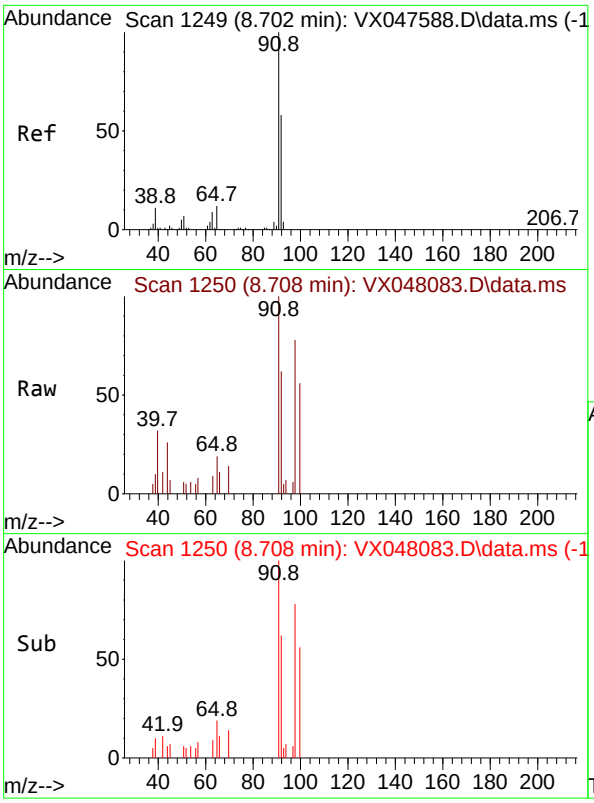


#50
Toluene-d8
Concen: 49.122 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 98 Resp: 302025

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.0	79.4



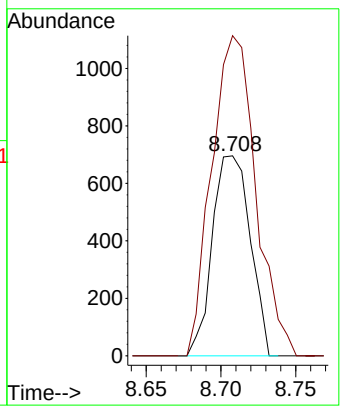


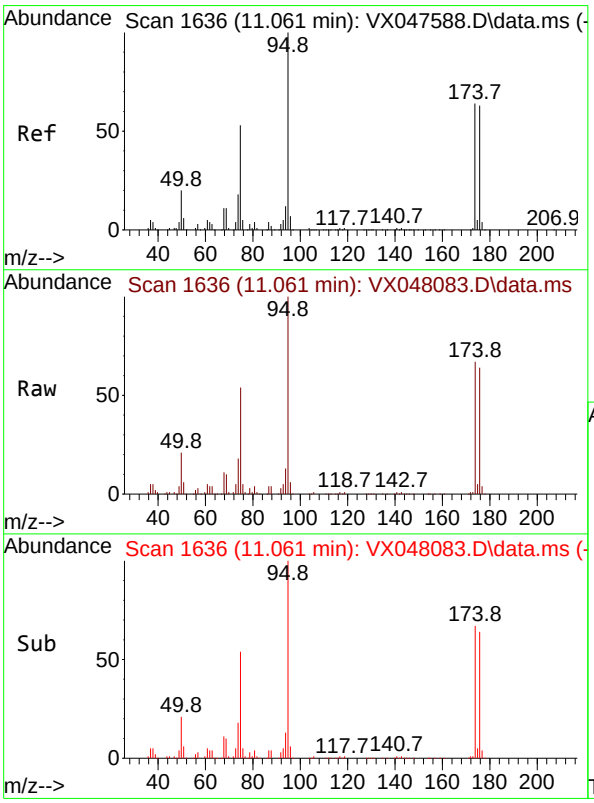
#52
Toluene
Concen: 0.252 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion: 92 Resp: 1225

Ion	Ratio	Lower	Upper
92	100		
91	186.5	137.1	205.7

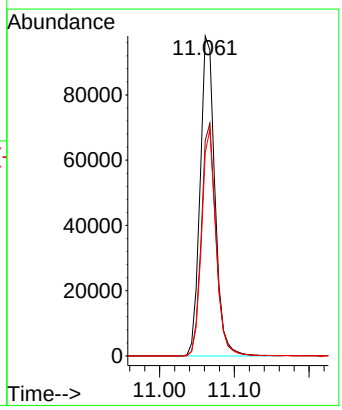


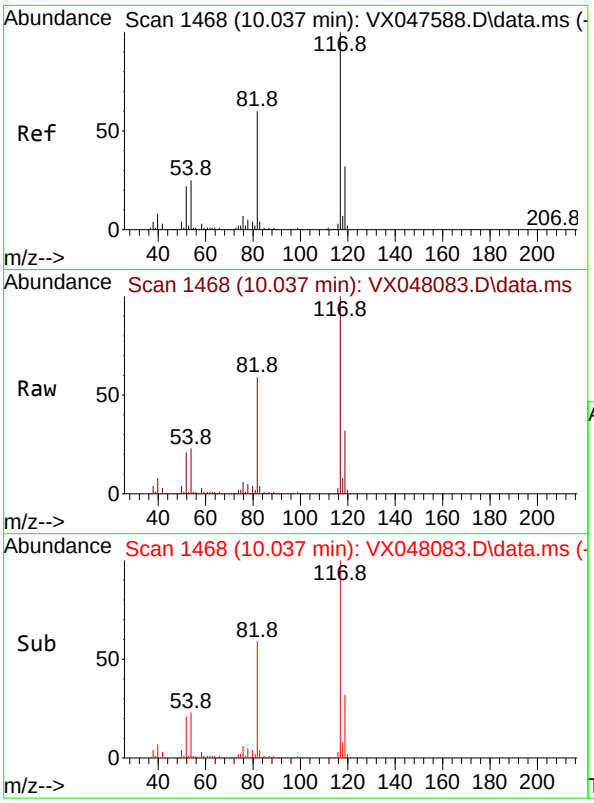


#62
4-Bromofluorobenzene
Concen: 57.689 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion: 95 Resp: 134616

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	141.6
176	69.0	0.0	138.4



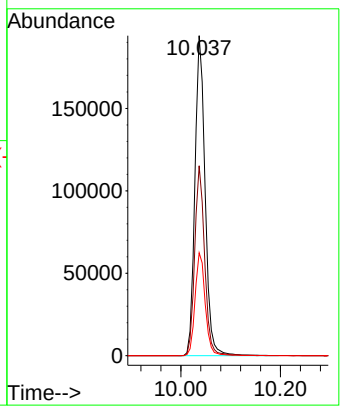


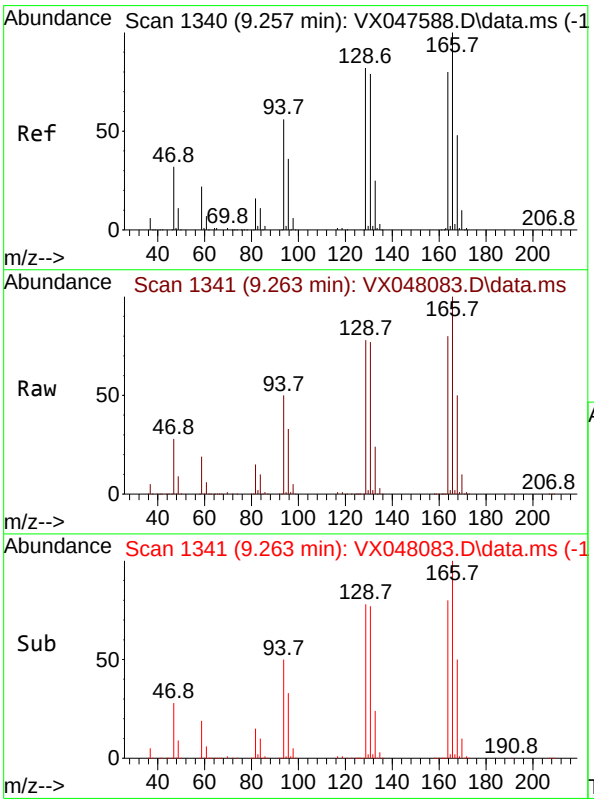
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion:117 Resp: 275267

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.8	71.6
119	32.1	25.2	37.8

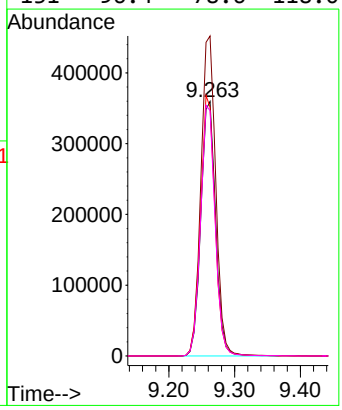


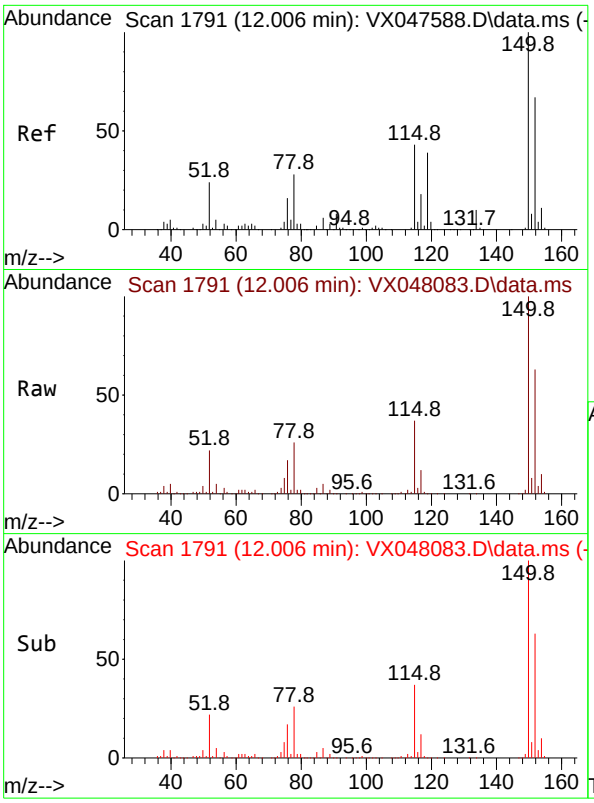


#64
Tetrachloroethene
Concen: 311.758 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Tgt Ion:164 Resp: 559434

Ion	Ratio	Lower	Upper
164	100		
166	125.8	100.2	150.2
129	97.8	81.8	122.6
131	96.4	78.6	118.0



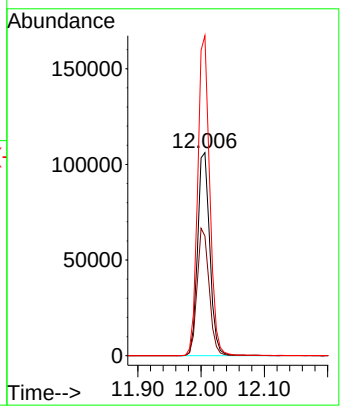


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048083.D
Acq: 09 Oct 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Tgt Ion:152 Resp: 142615

Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.9	134.5
150	155.2	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048083.D
Acq On : 09 Oct 2025 14:00
Operator : JC/MD
Sample : Q3311-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048083.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.379	690	704	718	rBV2	89488	290503	6.43%	3.079%
2	5.544	721	731	752	rVB2	123877	395668	8.75%	4.193%
3	5.946	787	797	824	rBV2	99138	297950	6.59%	3.158%
4	6.745	919	928	952	rBV	240641	632779	14.00%	6.706%
5	8.635	1231	1238	1248	rBV	499343	813210	17.99%	8.618%
6	9.256	1334	1340	1364	rVB	2914335	4520194	100.00%	47.904%
7	9.506	1376	1381	1390	rBV	53137	86989	1.92%	0.922%
8	10.037	1462	1468	1483	rBV	613215	870346	19.25%	9.224%
9	11.061	1631	1636	1651	rBV	460457	639915	14.16%	6.782%
10	12.000	1785	1790	1800	rBV	660197	888333	19.65%	9.414%

Sum of corrected areas: 9435887

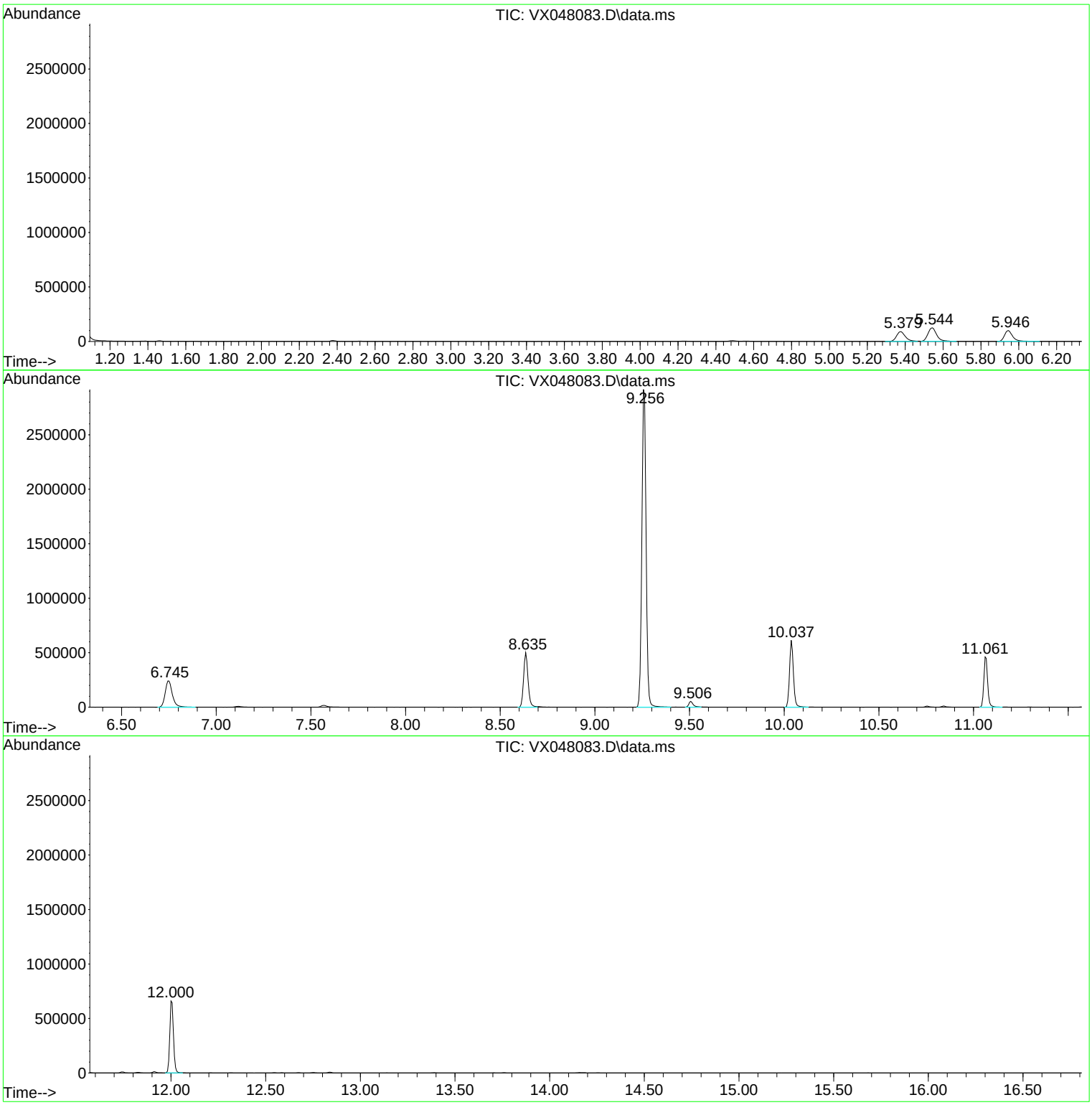
Sample Results: **VX048083.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048083.D
Acq On : 09 Oct 2025 14:00
Operator : JC/MD
Sample : Q3311-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048083.D
Acq On : 09 Oct 2025 14:00
Operator : JC/MD
Sample : Q3311-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048083.D
Acq On : 09 Oct 2025 14:00
Operator : JC/MD
Sample : Q3311-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-1DDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-06DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	5.00	UD	5	1.10	5.00	ug/L	10/10/25 15:54	VX101025
74-87-3	Chloromethane	5.00	UD	5	1.60	5.00	ug/L	10/10/25 15:54	VX101025
75-01-4	Vinyl Chloride	5.00	UD	5	1.30	5.00	ug/L	10/10/25 15:54	VX101025
74-83-9	Bromomethane	25.0	UD	5	7.20	25.0	ug/L	10/10/25 15:54	VX101025
75-00-3	Chloroethane	5.00	UD	5	2.40	5.00	ug/L	10/10/25 15:54	VX101025
75-69-4	Trichlorofluoromethane	5.00	UD	5	1.70	5.00	ug/L	10/10/25 15:54	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5	1.30	5.00	ug/L	10/10/25 15:54	VX101025
75-35-4	1,1-Dichloroethene	5.00	UD	5	1.20	5.00	ug/L	10/10/25 15:54	VX101025
67-64-1	Acetone	15.6	JD	5	7.60	25.0	ug/L	10/10/25 15:54	VX101025
75-15-0	Carbon Disulfide	5.00	UD	5	1.10	5.00	ug/L	10/10/25 15:54	VX101025
1634-04-4	Methyl tert-butyl Ether	5.00	UD	5	0.80	5.00	ug/L	10/10/25 15:54	VX101025
79-20-9	Methyl Acetate	5.00	UD	5	1.40	5.00	ug/L	10/10/25 15:54	VX101025
75-09-2	Methylene Chloride	5.00	UD	5	1.40	5.00	ug/L	10/10/25 15:54	VX101025
156-60-5	trans-1,2-Dichloroethene	5.00	UD	5	1.20	5.00	ug/L	10/10/25 15:54	VX101025
75-34-3	1,1-Dichloroethane	5.00	UD	5	1.20	5.00	ug/L	10/10/25 15:54	VX101025
110-82-7	Cyclohexane	25.0	UD	5	7.30	25.0	ug/L	10/10/25 15:54	VX101025
78-93-3	2-Butanone	25.0	UD	5	4.90	25.0	ug/L	10/10/25 15:54	VX101025
56-23-5	Carbon Tetrachloride	5.00	UD	5	1.30	5.00	ug/L	10/10/25 15:54	VX101025
156-59-2	cis-1,2-Dichloroethene	1.90	JD	5	0.95	5.00	ug/L	10/10/25 15:54	VX101025
74-97-5	Bromochloromethane	5.00	UD	5	1.10	5.00	ug/L	10/10/25 15:54	VX101025
67-66-3	Chloroform	5.00	UD	5	1.30	5.00	ug/L	10/10/25 15:54	VX101025
71-55-6	1,1,1-Trichloroethane	5.00	UD	5	1.00	5.00	ug/L	10/10/25 15:54	VX101025
108-87-2	Methylcyclohexane	5.00	UD	5	0.80	5.00	ug/L	10/10/25 15:54	VX101025
71-43-2	Benzene	5.00	UD	5	0.75	5.00	ug/L	10/10/25 15:54	VX101025
107-06-2	1,2-Dichloroethane	5.00	UD	5	1.10	5.00	ug/L	10/10/25 15:54	VX101025
79-01-6	Trichloroethene	5.00	UD	5	0.47	5.00	ug/L	10/10/25 15:54	VX101025
78-87-5	1,2-Dichloropropane	5.00	UD	5	1.00	5.00	ug/L	10/10/25 15:54	VX101025
75-27-4	Bromodichloromethane	5.00	UD	5	1.10	5.00	ug/L	10/10/25 15:54	VX101025
108-10-1	4-Methyl-2-Pentanone	25.0	UD	5	3.40	25.0	ug/L	10/10/25 15:54	VX101025
108-88-3	Toluene	5.00	UD	5	0.70	5.00	ug/L	10/10/25 15:54	VX101025
10061-02-6	t-1,3-Dichloropropene	5.00	UD	5	0.85	5.00	ug/L	10/10/25 15:54	VX101025
10061-01-5	cis-1,3-Dichloropropene	5.00	UD	5	0.80	5.00	ug/L	10/10/25 15:54	VX101025
79-00-5	1,1,2-Trichloroethane	5.00	UD	5	1.10	5.00	ug/L	10/10/25 15:54	VX101025
591-78-6	2-Hexanone	25.0	UD	5	4.50	25.0	ug/L	10/10/25 15:54	VX101025
124-48-1	Dibromochloromethane	5.00	UD	5	0.90	5.00	ug/L	10/10/25 15:54	VX101025
106-93-4	1,2-Dibromoethane	5.00	UD	5	0.75	5.00	ug/L	10/10/25 15:54	VX101025
127-18-4	Tetrachloroethene	290	D	5	1.20	5.00	ug/L	10/10/25 15:54	VX101025
108-90-7	Chlorobenzene	5.00	UD	5	0.60	5.00	ug/L	10/10/25 15:54	VX101025
100-41-4	Ethyl Benzene	5.00	UD	5	0.65	5.00	ug/L	10/10/25 15:54	VX101025
179601-23-1	m/p-Xylenes	10.0	UD	5	1.20	10.0	ug/L	10/10/25 15:54	VX101025
95-47-6	o-Xylene	5.00	UD	5	0.60	5.00	ug/L	10/10/25 15:54	VX101025
100-42-5	Styrene	5.00	UD	5	0.75	5.00	ug/L	10/10/25 15:54	VX101025
75-25-2	Bromoform	5.00	UD	5	0.95	5.00	ug/L	10/10/25 15:54	VX101025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-1DDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-06DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	5.00	UD	5	0.60	5.00	ug/L	10/10/25 15:54	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	5.00	UD	5	1.30	5.00	ug/L	10/10/25 15:54	VX101025
541-73-1	1,3-Dichlorobenzene	5.00	UD	5	0.80	5.00	ug/L	10/10/25 15:54	VX101025
106-46-7	1,4-Dichlorobenzene	5.00	UD	5	0.95	5.00	ug/L	10/10/25 15:54	VX101025
95-50-1	1,2-Dichlorobenzene	5.00	UD	5	0.80	5.00	ug/L	10/10/25 15:54	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	UD	5	2.70	5.00	ug/L	10/10/25 15:54	VX101025
120-82-1	1,2,4-Trichlorobenzene	5.00	UD	5	1.00	5.00	ug/L	10/10/25 15:54	VX101025
87-61-6	1,2,3-Trichlorobenzene	5.00	UD	5	1.00	5.00	ug/L	10/10/25 15:54	VX101025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.6			74 - 125	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.5			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	50.0			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.6			77 - 121	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	150000							
540-36-3	1,4-Difluorobenzene	314000							
3114-55-4	Chlorobenzene-d5	329000							
3855-82-1	1,4-Dichlorobenzene-d4	162000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048114.D
Acq On : 10 Oct 2025 15:54
Operator : JC/MD
Sample : Q3311-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Quant Time: Oct 10 23:50:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

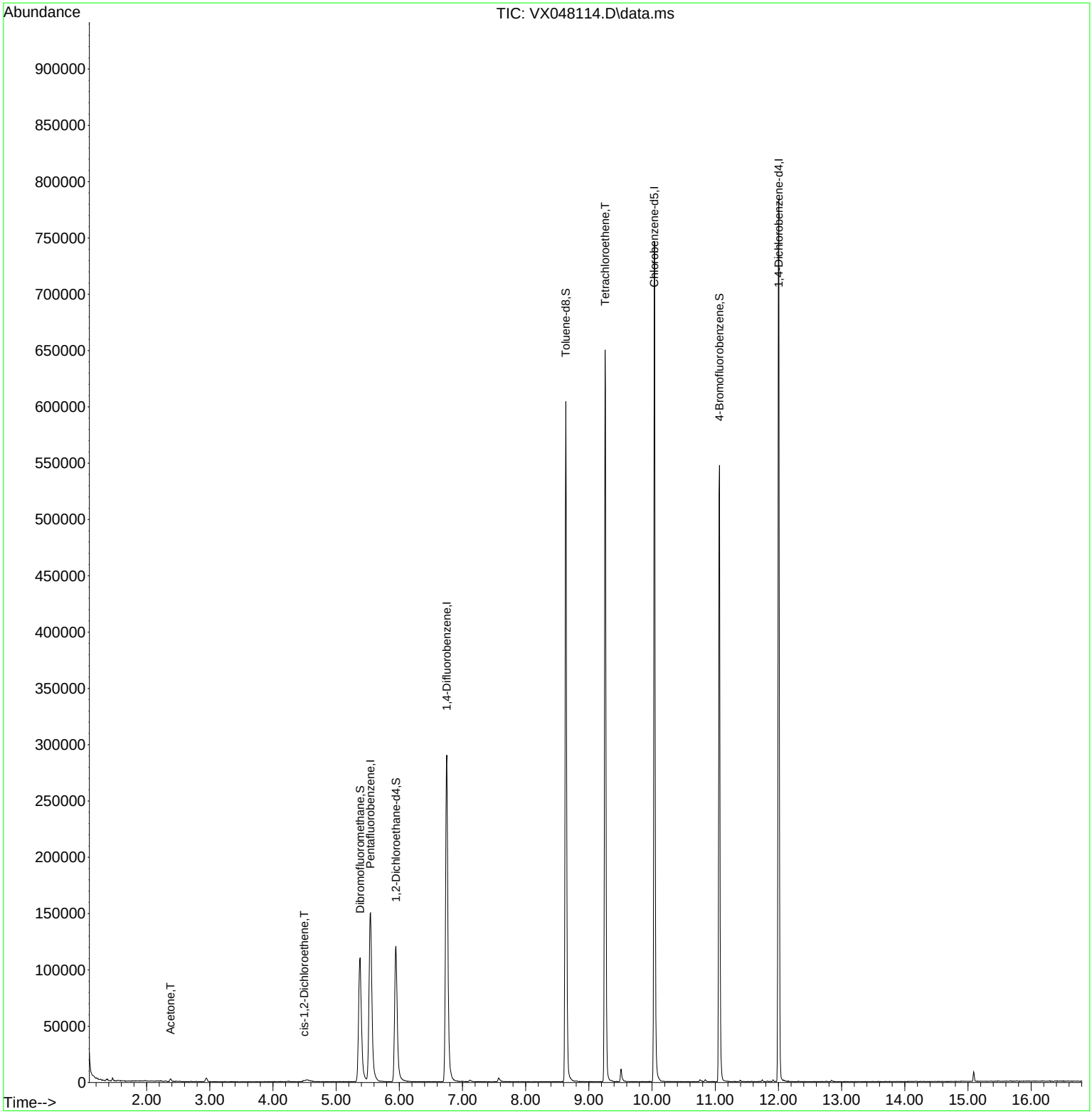
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	149568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	313800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	328751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	162002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	132265	55.556	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.120%			
35) Dibromofluoromethane	5.379	113	106263	50.493	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	8.635	98	364070	49.996	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.000%			
62) 4-Bromofluorobenzene	11.067	95	156454	56.611	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.220%			
Target Compounds						Qvalue
16) Acetone	2.380	43	3223	3.114	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	899	0.384	ug/l	52
64) Tetrachloroethene	9.256	164	122491	57.156	ug/l	99

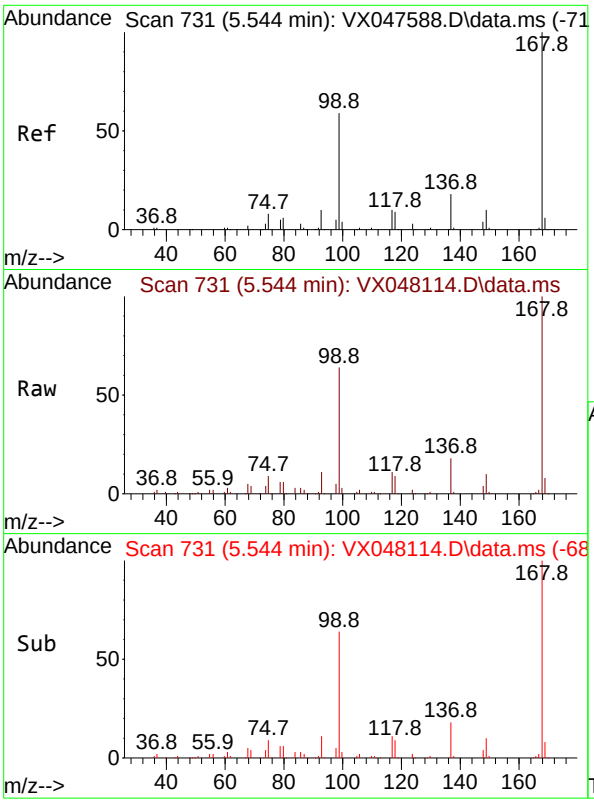
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048114.D
Acq On : 10 Oct 2025 15:54
Operator : JC/MD
Sample : Q3311-06DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Quant Time: Oct 10 23:50:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



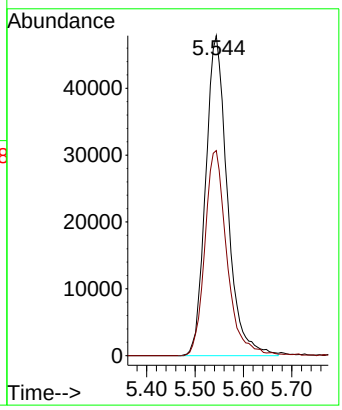


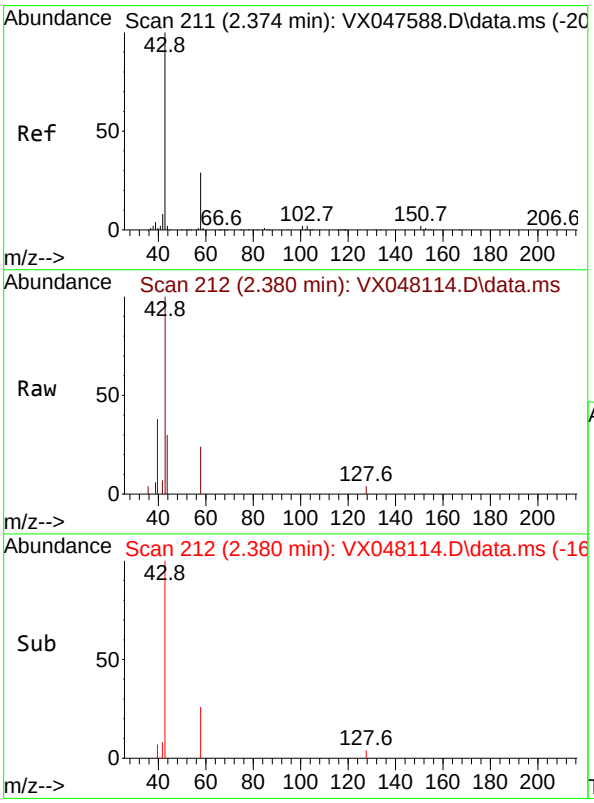
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Tgt Ion:168 Resp: 149568

Ion	Ratio	Lower	Upper
168	100		
99	64.1	48.8	73.2

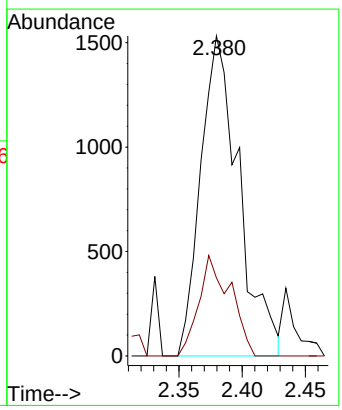


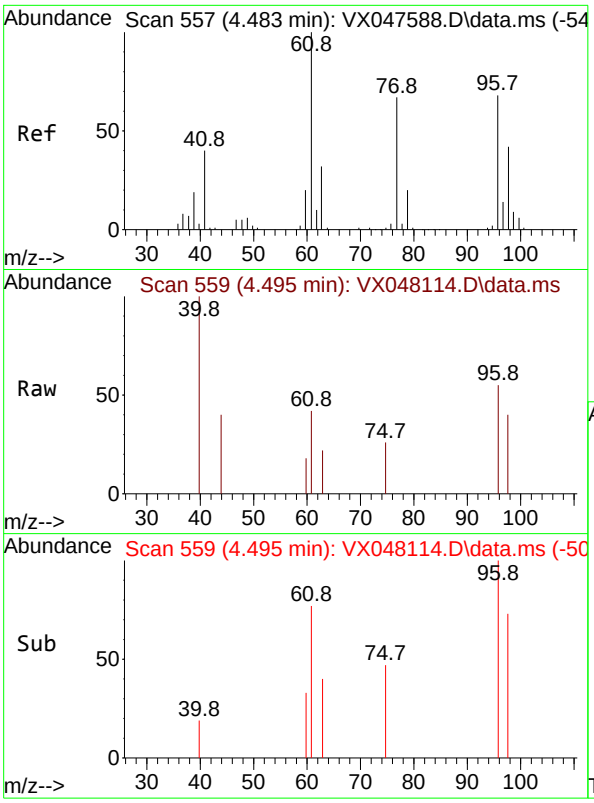


#16
Acetone
Concen: 3.114 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Tgt Ion: 43 Resp: 3223

Ion	Ratio	Lower	Upper
43	100		
58	19.8	23.4	35.0#



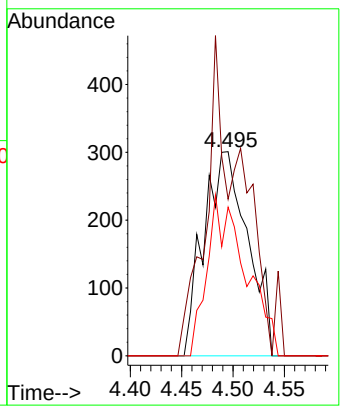


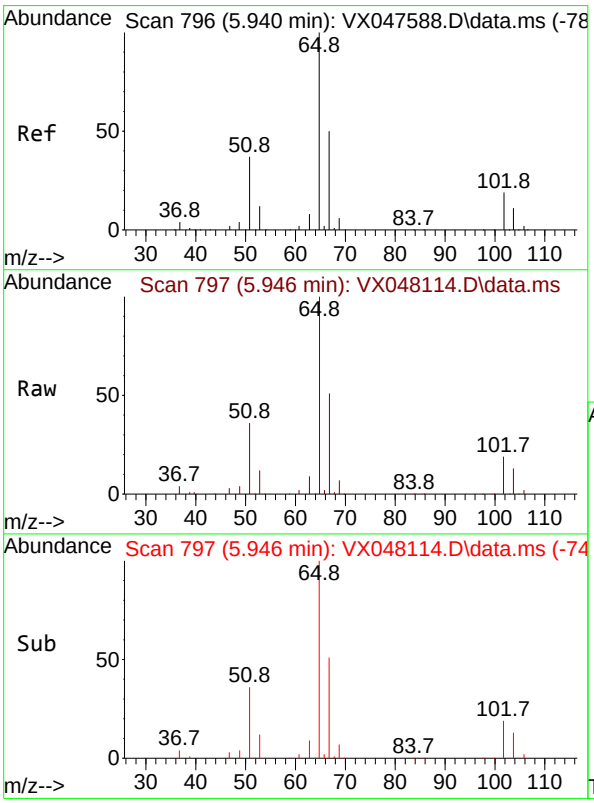
#27
cis-1,2-Dichloroethene
Concen: 0.384 ug/l
RT: 4.495 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Tgt Ion: 96 Resp: 899

Ion	Ratio	Lower	Upper
96	100		
61	68.0	0.0	303.2
98	68.2	0.0	127.8

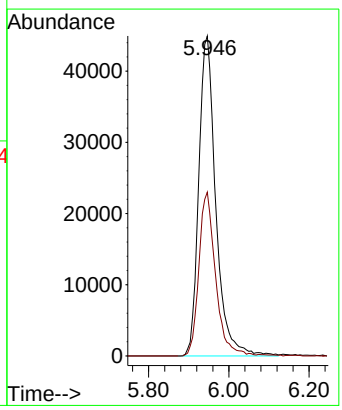


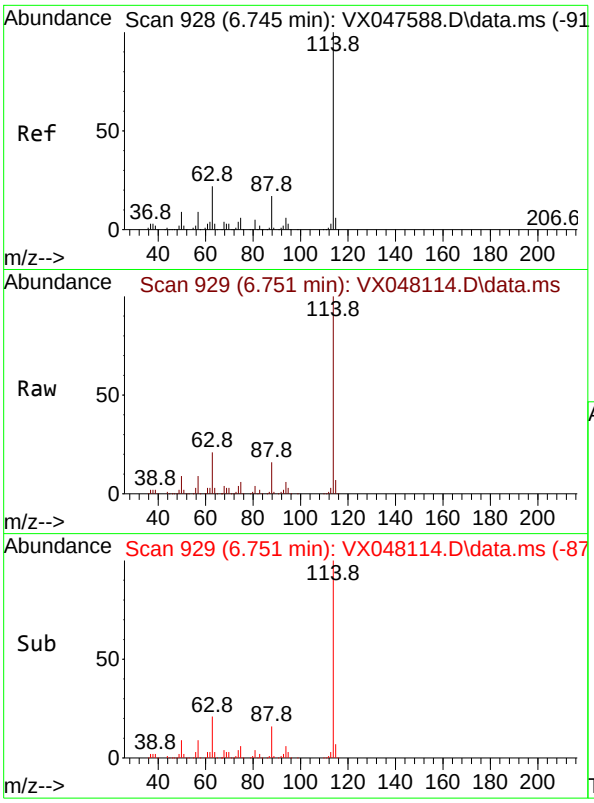


#33
1,2-Dichloroethane-d4
Concen: 55.556 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Tgt Ion: 65 Resp: 132265

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	103.0



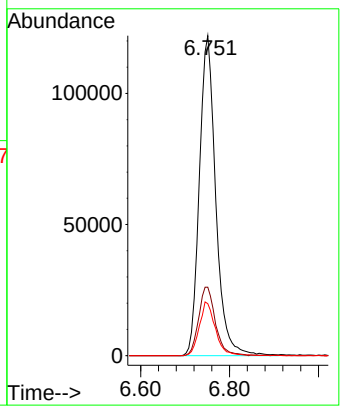


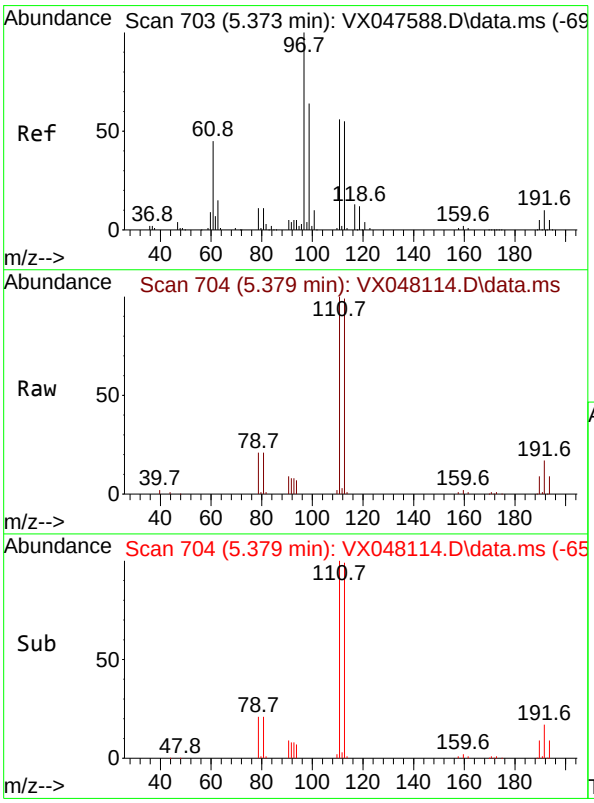
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Tgt Ion:114 Resp: 313800

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.0
88	16.3	0.0	34.2

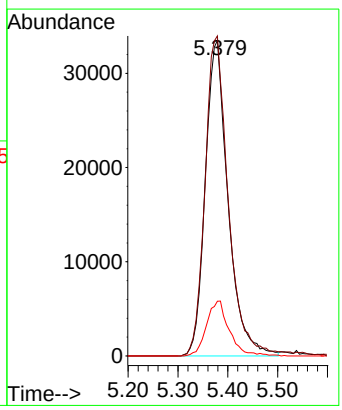


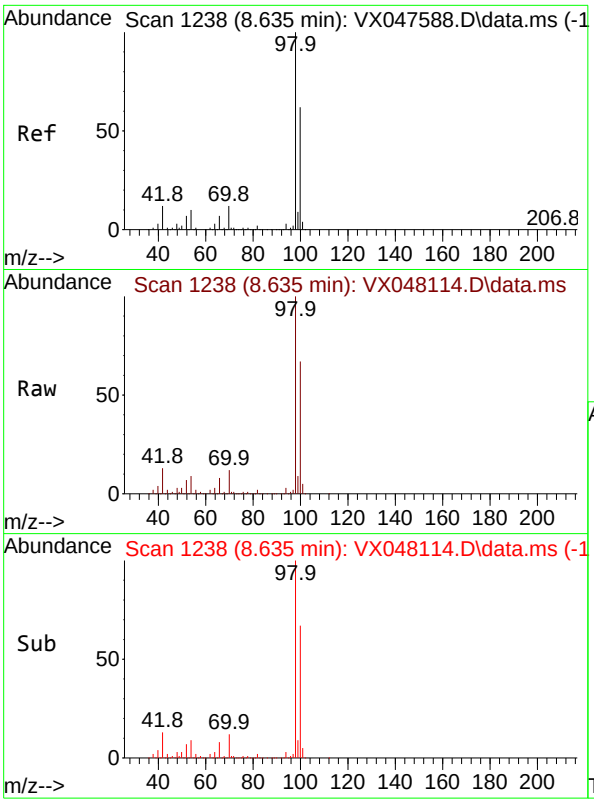


#35
Dibromofluoromethane
Concen: 50.493 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Tgt Ion:113 Resp: 106263

Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.9	121.3
192	17.4	14.2	21.4



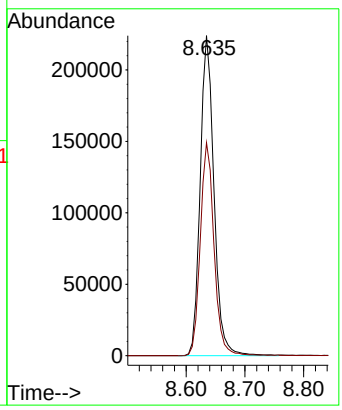


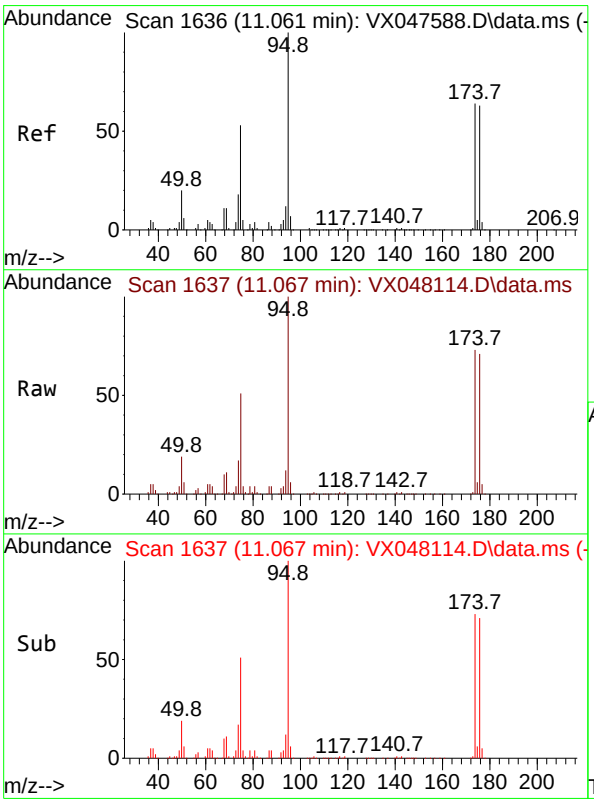
#50
Toluene-d8
Concen: 49.996 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Tgt Ion: 98 Resp: 364070

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

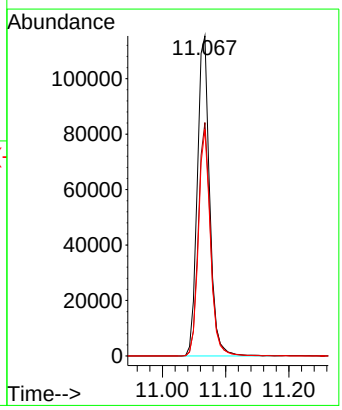


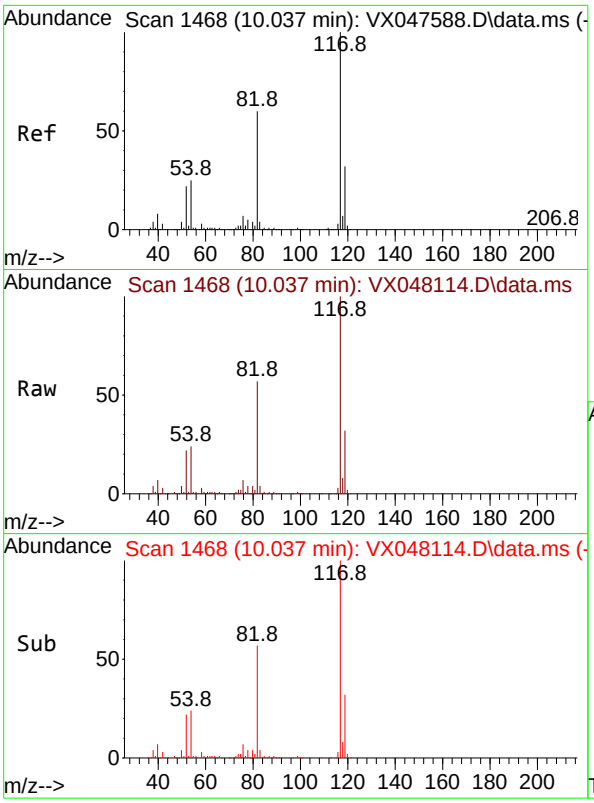


#62
4-Bromofluorobenzene
Concen: 56.611 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Tgt Ion: 95 Resp: 156454

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	141.6
176	68.7	0.0	138.4



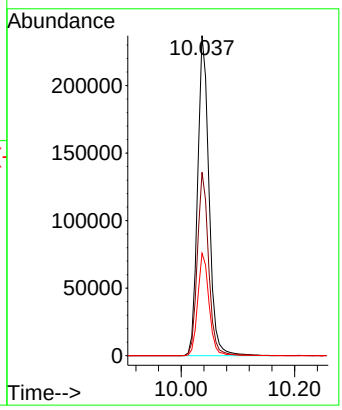


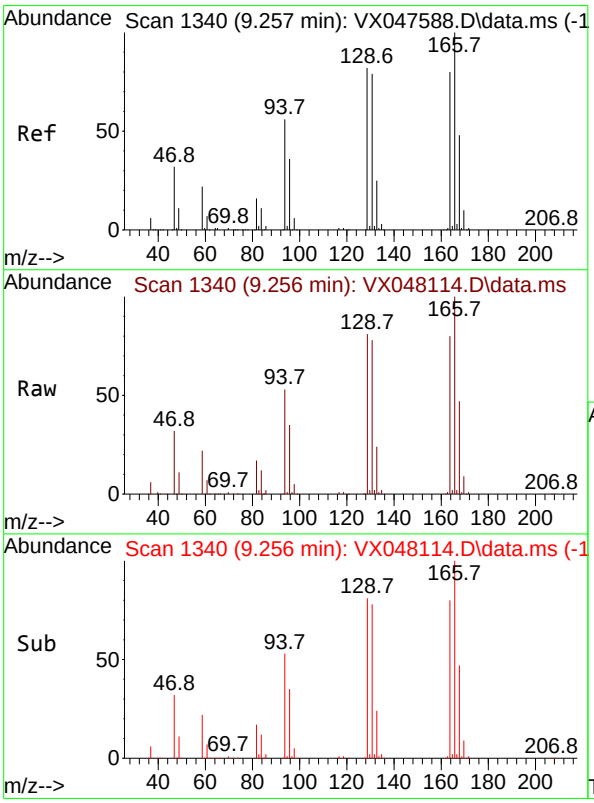
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Tgt Ion:117 Resp: 328751

Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.8	71.6
119	32.0	25.2	37.8

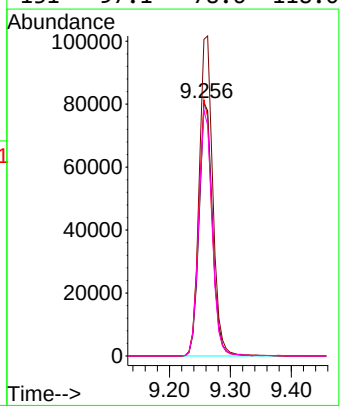


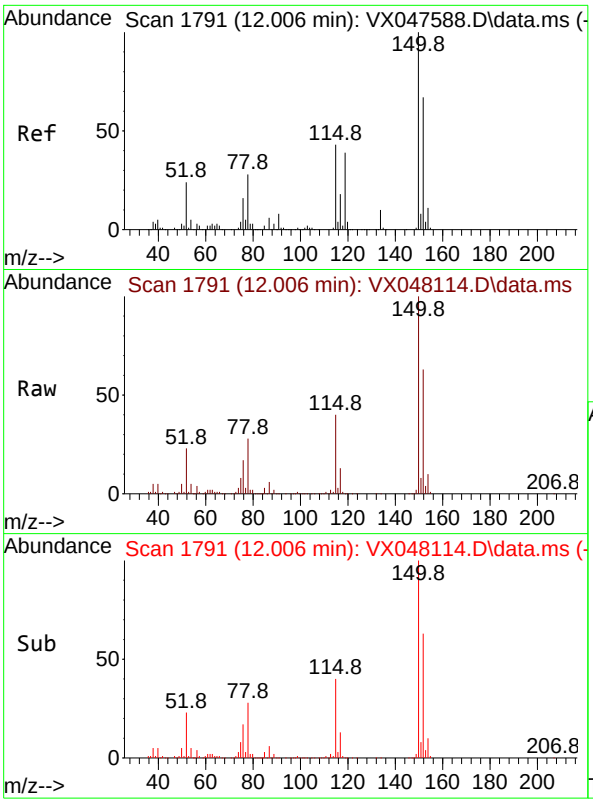


#64
Tetrachloroethene
Concen: 57.156 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Tgt Ion:164 Resp: 122491

Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.2	150.2
129	101.2	81.8	122.6
131	97.1	78.6	118.0



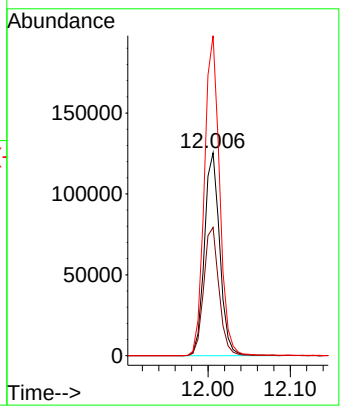


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048114.D
Acq: 10 Oct 2025 15:54

Instrument :
MSVOA_X
ClientSampleId :
MW-1DDL

Tgt Ion:152 Resp: 162002

Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.9	134.5
150	156.8	0.0	352.0



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-2S	SDG No.:	Q3311
Lab Sample ID:	Q3311-07	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:20	VX100925
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/09/25 14:20	VX100925
75-01-4	Vinyl Chloride	0.37	J	1	0.26	1.00	ug/L	10/09/25 14:20	VX100925
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/09/25 14:20	VX100925
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/09/25 14:20	VX100925
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/09/25 14:20	VX100925
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:20	VX100925
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:20	VX100925
67-64-1	Acetone	5.00	U	1	1.50	5.00	ug/L	10/09/25 14:20	VX100925
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/09/25 14:20	VX100925
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:20	VX100925
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/09/25 14:20	VX100925
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/09/25 14:20	VX100925
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:20	VX100925
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:20	VX100925
110-82-7	Cyclohexane	8.10		1	1.50	5.00	ug/L	10/09/25 14:20	VX100925
78-93-3	2-Butanone	4.70	J	1	0.98	5.00	ug/L	10/09/25 14:20	VX100925
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:20	VX100925
156-59-2	cis-1,2-Dichloroethene	9.50		1	0.19	1.00	ug/L	10/09/25 14:20	VX100925
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:20	VX100925
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:20	VX100925
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:20	VX100925
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:20	VX100925
71-43-2	Benzene	0.76	J	1	0.15	1.00	ug/L	10/09/25 14:20	VX100925
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:20	VX100925
79-01-6	Trichloroethene	6.40		1	0.090	1.00	ug/L	10/09/25 14:20	VX100925
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:20	VX100925
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:20	VX100925
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/09/25 14:20	VX100925
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/09/25 14:20	VX100925
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/09/25 14:20	VX100925
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:20	VX100925
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/09/25 14:20	VX100925
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/09/25 14:20	VX100925
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/09/25 14:20	VX100925
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/09/25 14:20	VX100925
127-18-4	Tetrachloroethene	80.6		1	0.23	1.00	ug/L	10/09/25 14:20	VX100925
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 14:20	VX100925
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/09/25 14:20	VX100925
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/09/25 14:20	VX100925
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/09/25 14:20	VX100925
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/09/25 14:20	VX100925
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/09/25 14:20	VX100925

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-2S	SDG No.:	Q3311
Lab Sample ID:	Q3311-07	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	9.50		1	0.12	1.00	ug/L	10/09/25 14:20	VX100925
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/09/25 14:20	VX100925
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:20	VX100925
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/09/25 14:20	VX100925
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:20	VX100925
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/09/25 14:20	VX100925
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:20	VX100925
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:20	VX100925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.2			74 - 125	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.3			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	49.7			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.2			77 - 121	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	141000							
540-36-3	1,4-Difluorobenzene	286000							
3114-55-4	Chlorobenzene-d5	304000							
3855-82-1	1,4-Dichlorobenzene-d4	152000							
TENTATIVE IDENTIFIED COMPOUNDS									
000078-78-4	Butane, 2-methyl-	41.5	J			1.76	ug/L		
000096-37-7	Cyclopentane, methyl-	6.20	J			4.31	ug/L		
000591-47-9	Cyclohexene, 4-methyl-	13.4	J			7.87	ug/L		
000591-49-1	Cyclohexene, 1-methyl-	6.70	J			8.49	ug/L		
98-06-6	tert-Butylbenzene	0.40	J			11.7	ug/L		
135-98-8	sec-Butylbenzene	0.93	J			11.9	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048084.D
Acq On : 09 Oct 2025 14:20
Operator : JC/MD
Sample : Q3311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Quant Time: Oct 10 01:24:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

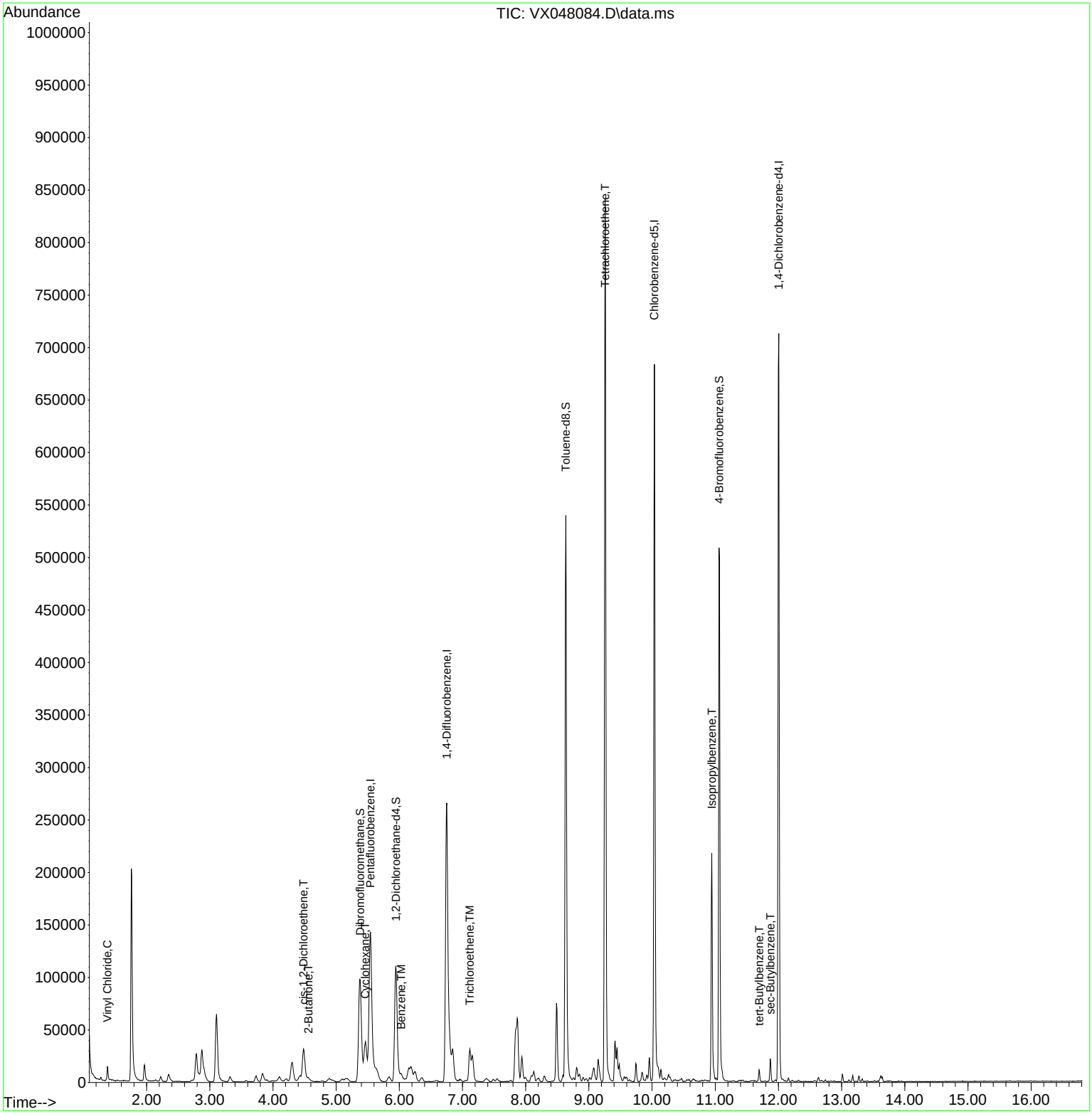
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	141458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	285694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	303599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	152199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	119761	53.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.380%			
35) Dibromofluoromethane	5.379	113	96388	50.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.620%			
50) Toluene-d8	8.635	98	329788	49.743	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.480%			
62) 4-Bromofluorobenzene	11.061	95	146430	58.196	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.400%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.380	62	695	0.369	ug/l	95
25) 2-Butanone	4.562	43	5757	4.714	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	21123	9.532	ug/l	91
31) Cyclohexane	5.458	56	24169	8.123	ug/l	95
40) Benzene	6.031	78	6425	0.756	ug/l	91
44) Trichloroethene	7.117	130	13233	6.437	ug/l	95
64) Tetrachloroethene	9.256	164	159570	80.626	ug/l	99
73) Isopropylbenzene	10.945	105	109954	9.502	ug/l	98
83) tert-Butylbenzene	11.695	119	3850	0.396	ug/l	75
85) sec-Butylbenzene	11.872	105	10747	0.930	ug/l	99

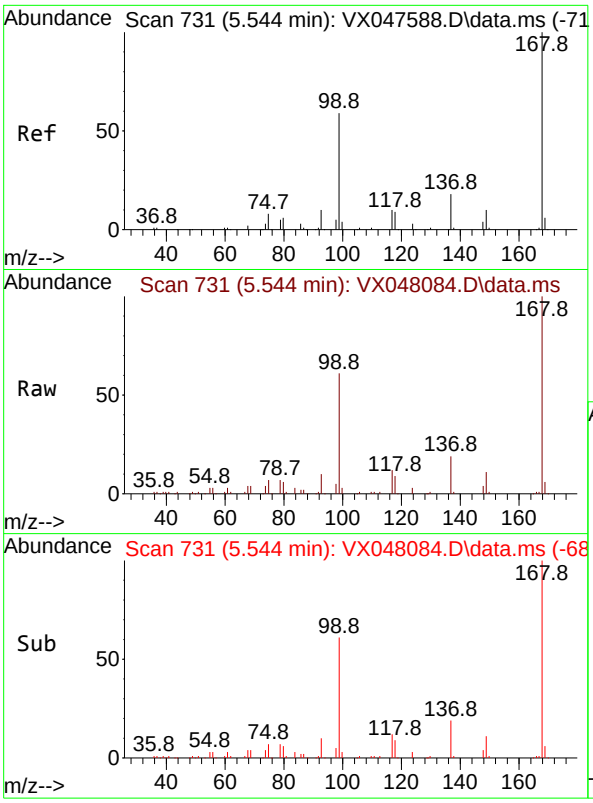
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048084.D
Acq On : 09 Oct 2025 14:20
Operator : JC/MD
Sample : Q3311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Quant Time: Oct 10 01:24:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



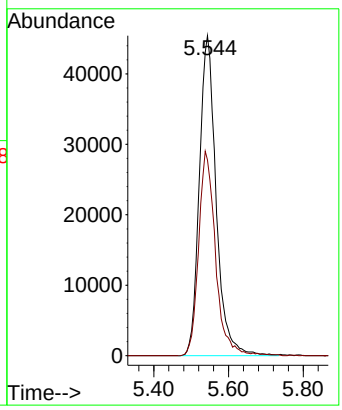


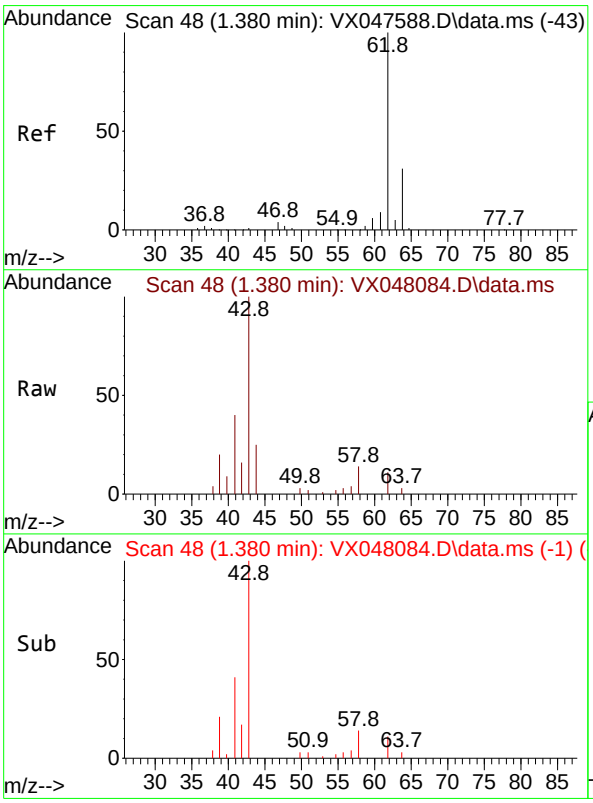
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Tgt Ion:168 Resp: 141458

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2

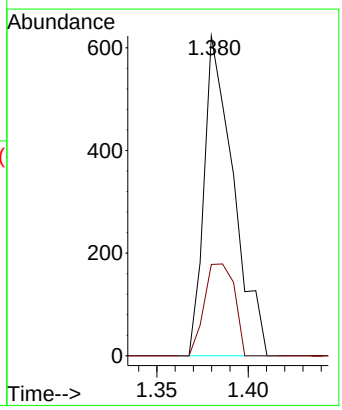


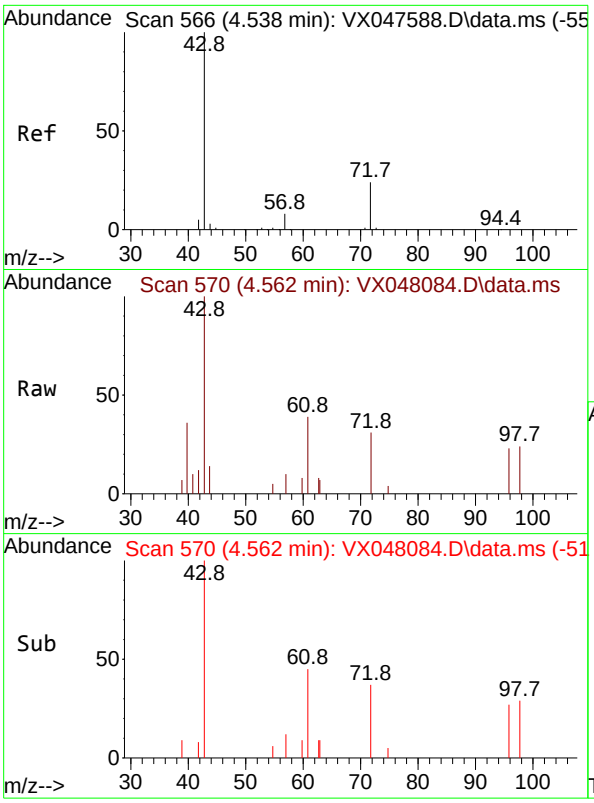


#4
Vinyl Chloride
Concen: 0.369 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Tgt Ion: 62 Resp: 695

Ion	Ratio	Lower	Upper
62	100		
64	28.6	24.9	37.3



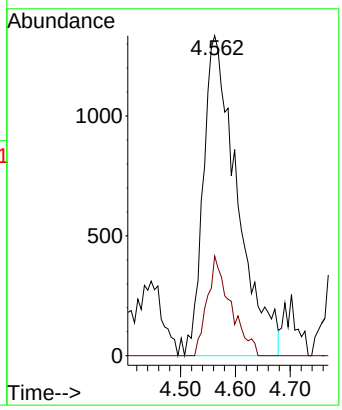


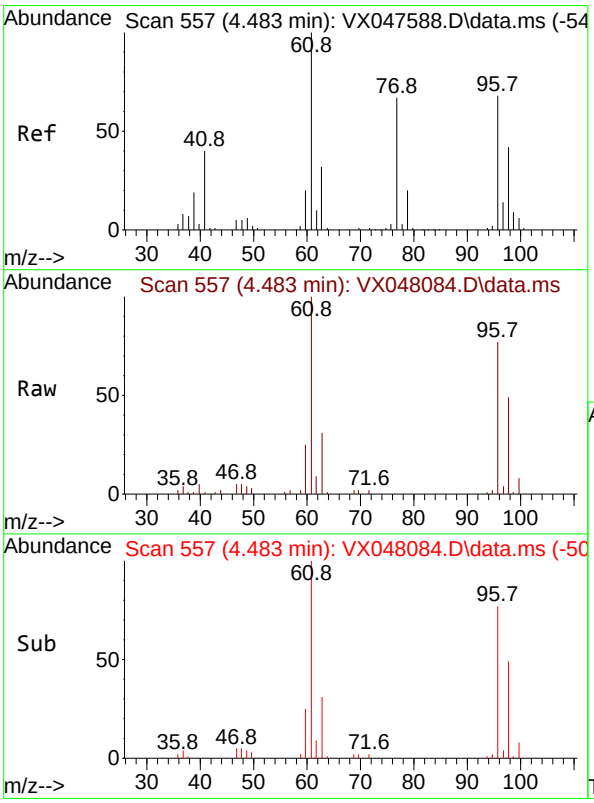
#25
2-Butanone
Concen: 4.714 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Tgt Ion: 43 Resp: 5757

Ion	Ratio	Lower	Upper
43	100		
72	27.4	20.1	30.1

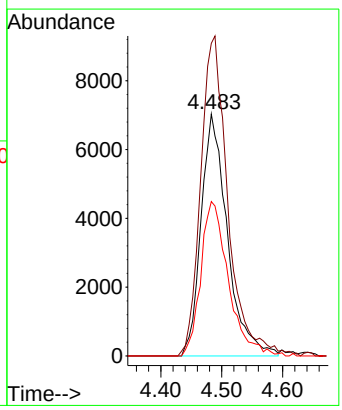


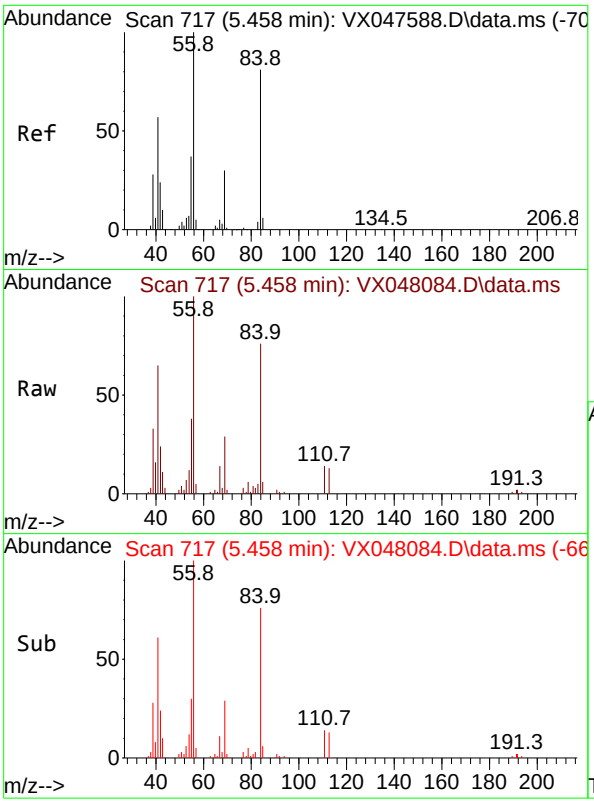


#27
cis-1,2-Dichloroethene
Concen: 9.532 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Tgt Ion: 96 Resp: 21123

Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	303.2
98	67.2	0.0	127.8



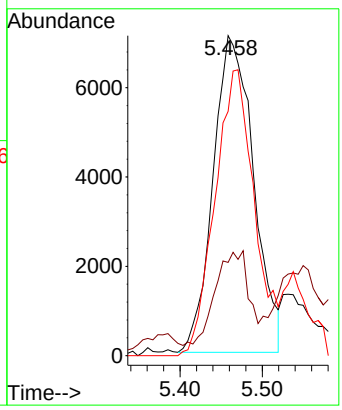


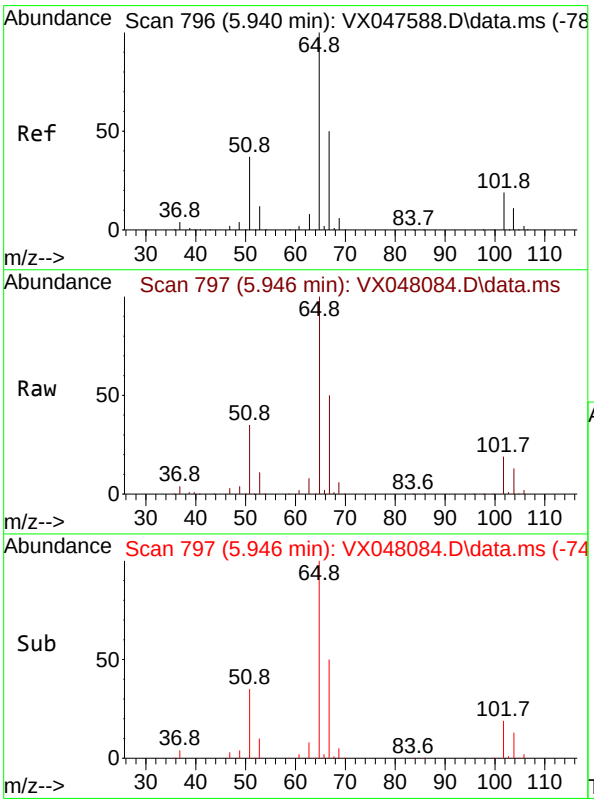
#31
Cyclohexane
Concen: 8.123 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Tgt Ion: 56 Resp: 24169

Ion	Ratio	Lower	Upper
56	100		
69	25.6	23.8	35.8
84	77.2	64.6	97.0

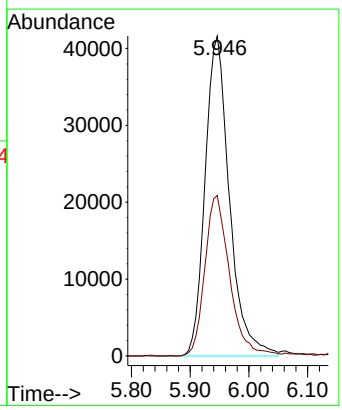


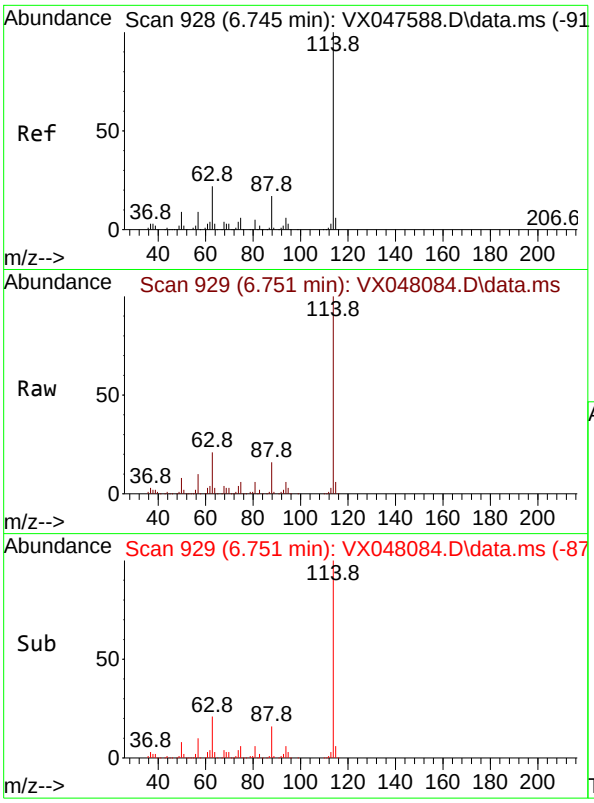


#33
1,2-Dichloroethane-d4
Concen: 53.188 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Tgt Ion: 65 Resp: 119761

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0



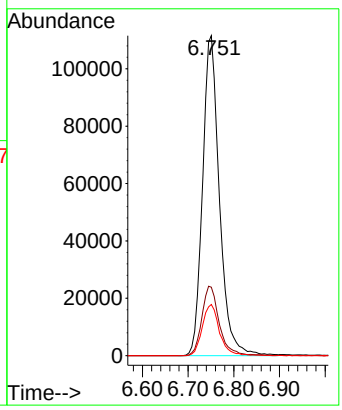


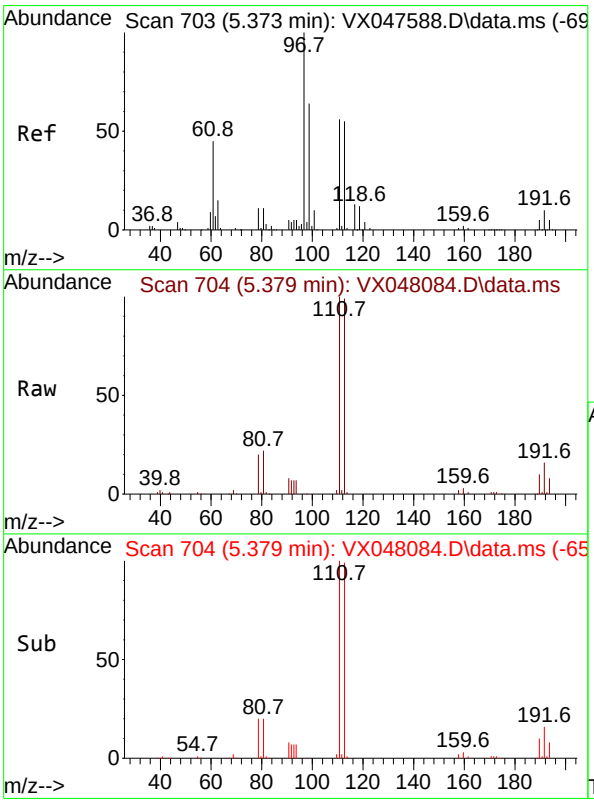
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Tgt Ion:114 Resp: 285694

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.0
88	16.0	0.0	34.2

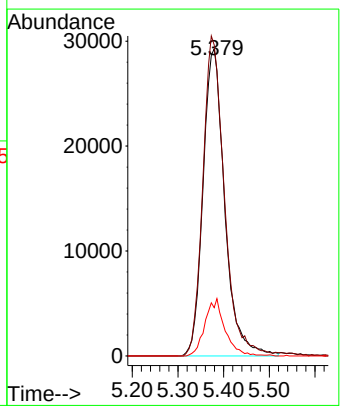


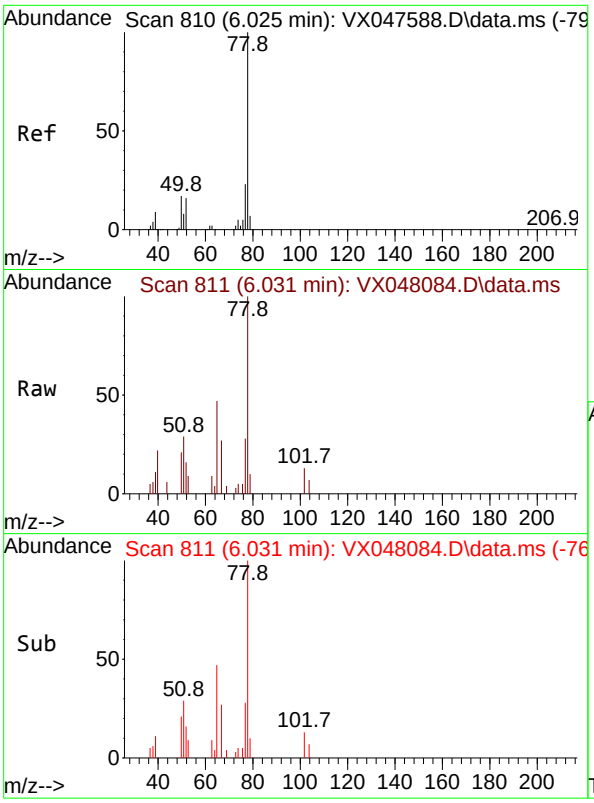


#35
Dibromofluoromethane
Concen: 50.306 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Tgt Ion:113 Resp: 96388

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.9	121.3
192	17.2	14.2	21.4



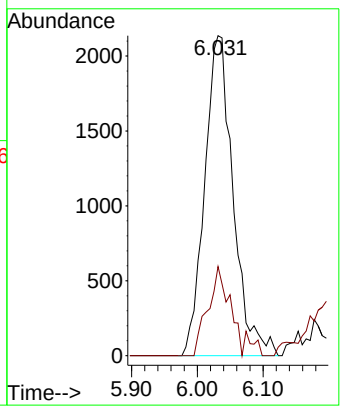


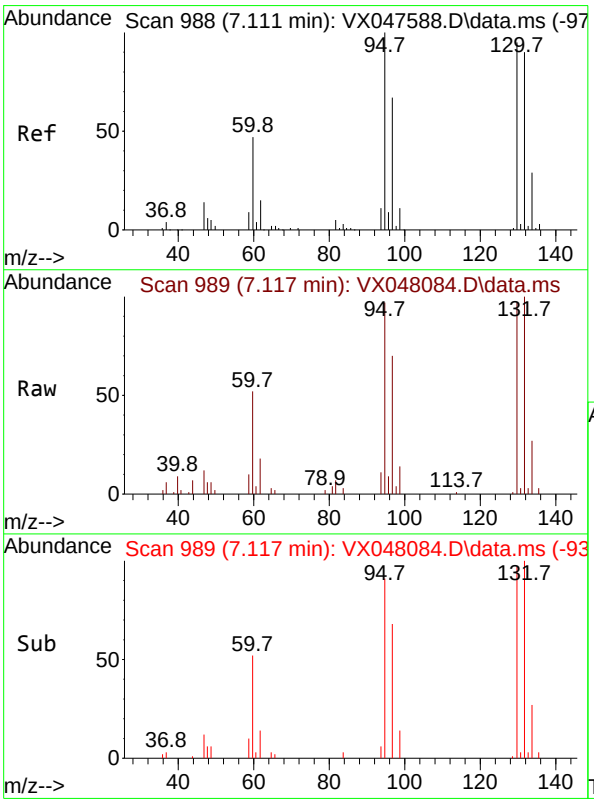
#40
Benzene
Concen: 0.756 ug/l
RT: 6.031 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Tgt Ion: 78 Resp: 6425

Ion	Ratio	Lower	Upper
78	100		
77	27.9	18.8	28.2

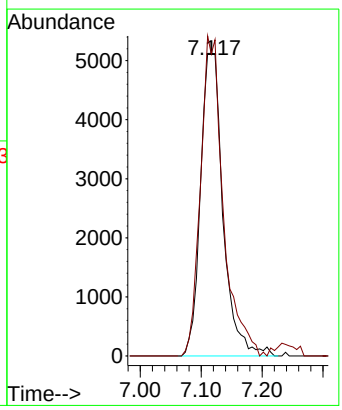


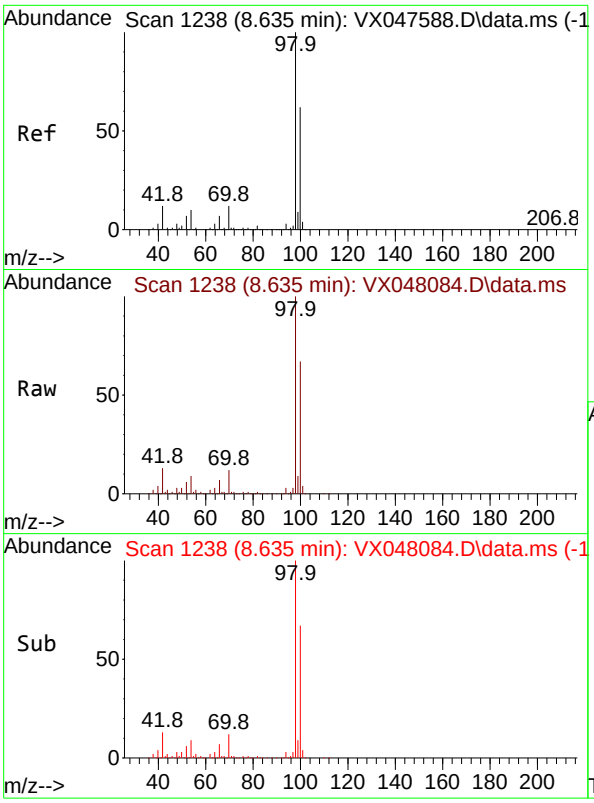


#44
Trichloroethene
Concen: 6.437 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Tgt Ion:130 Resp: 13233

Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	210.8



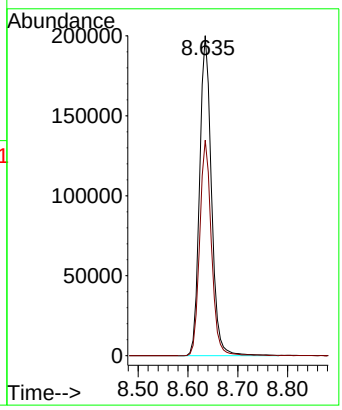


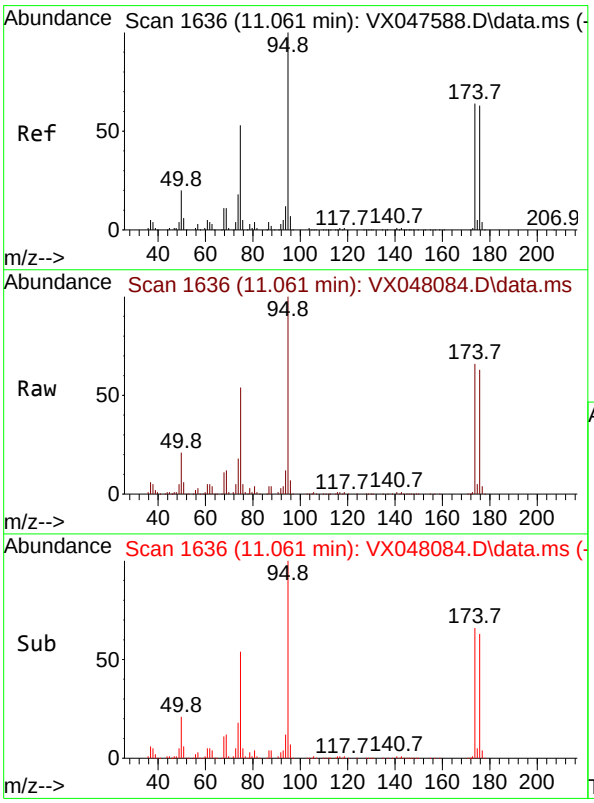
#50
Toluene-d8
Concen: 49.743 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Tgt Ion: 98 Resp: 329788

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4

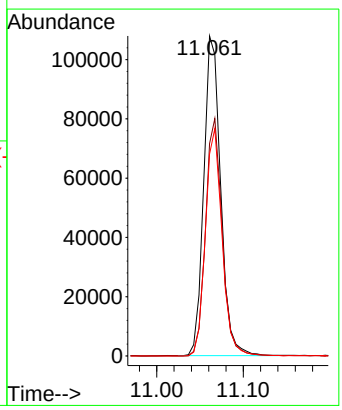


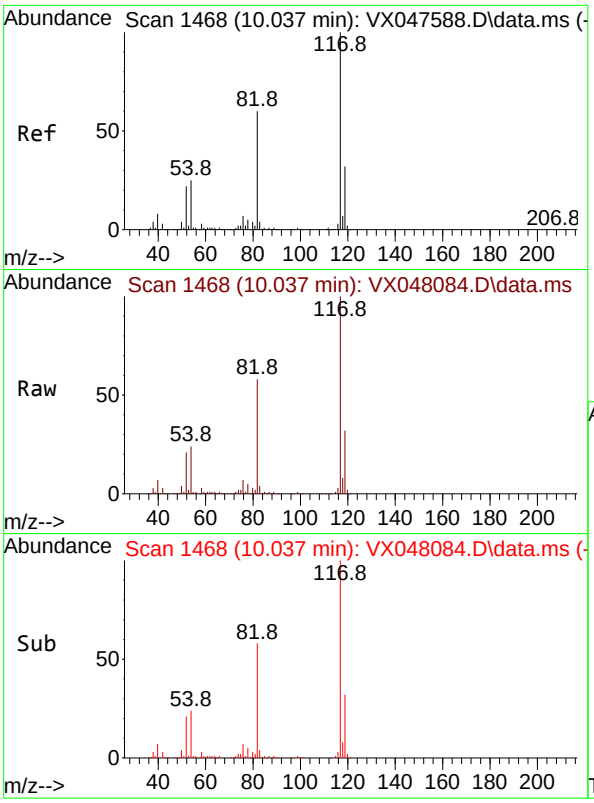


#62
4-Bromofluorobenzene
Concen: 58.196 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Tgt Ion: 95 Resp: 146430

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	141.6
176	70.1	0.0	138.4



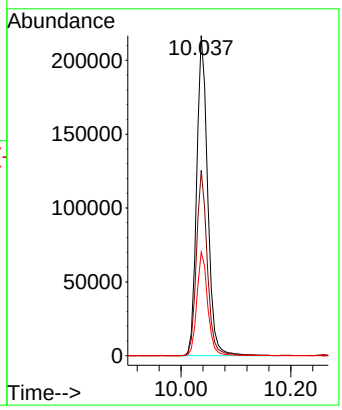


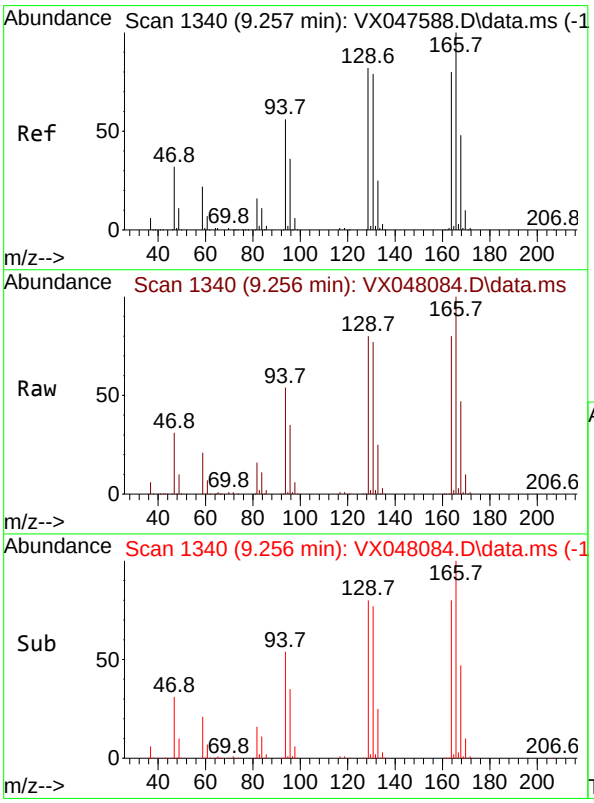
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Tgt Ion:117 Resp: 303599

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.6
119	32.3	25.2	37.8

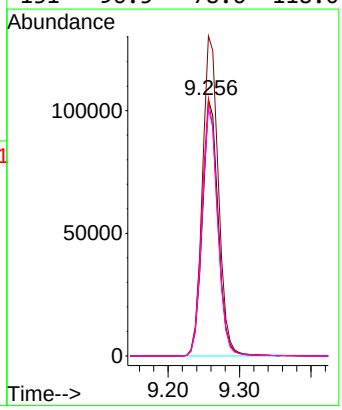


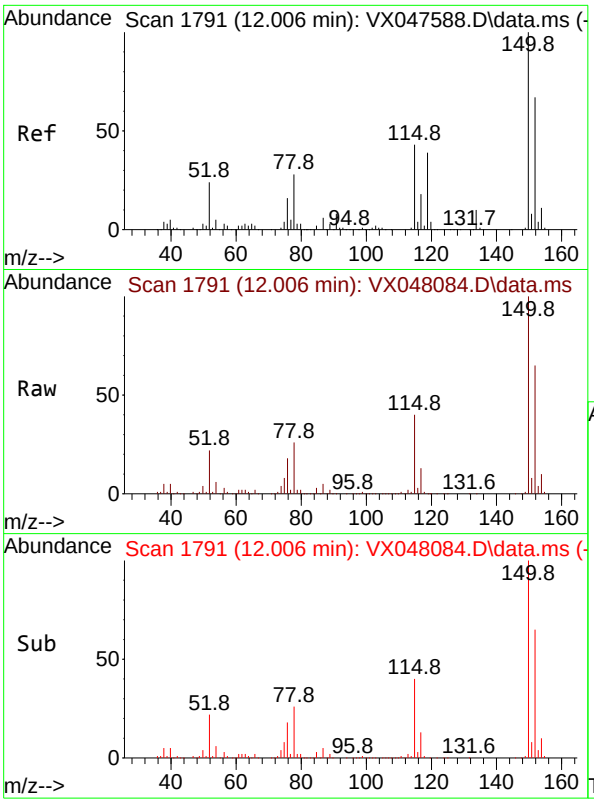


#64
Tetrachloroethene
Concen: 80.626 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Tgt Ion:164 Resp: 159570

Ion	Ratio	Lower	Upper
164	100		
166	124.8	100.2	150.2
129	100.4	81.8	122.6
131	96.5	78.6	118.0



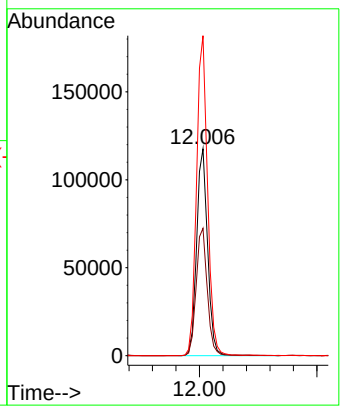


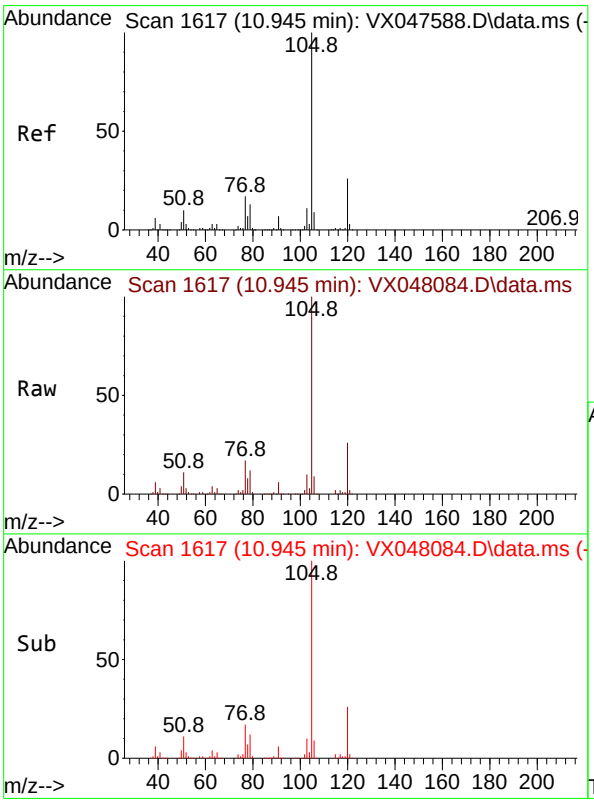
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Tgt Ion:152 Resp: 152199

Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.9	134.5
150	155.2	0.0	352.0

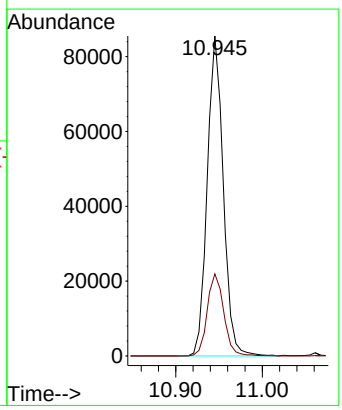


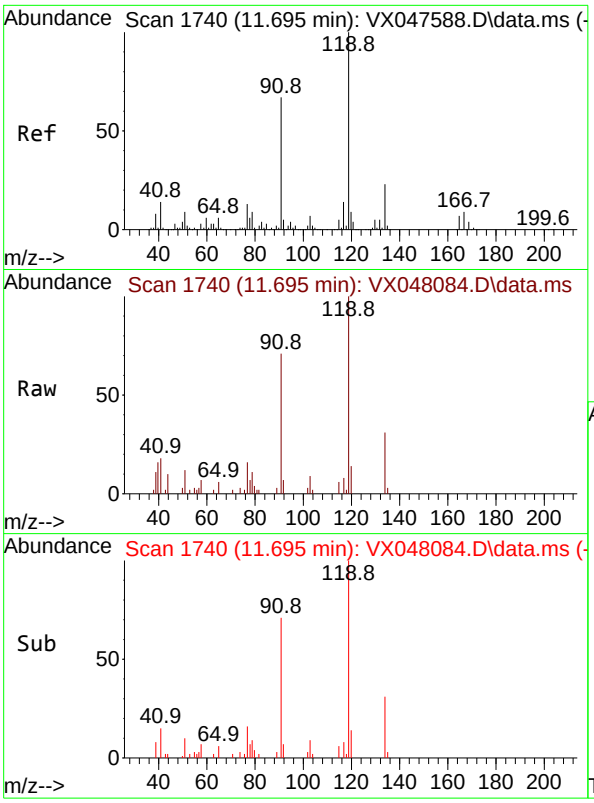


#73
Isopropylbenzene
Concen: 9.502 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Tgt Ion:105 Resp: 109954

Ion	Ratio	Lower	Upper
105	100		
120	26.5	12.8	38.4



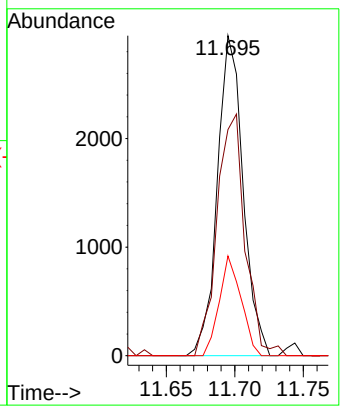


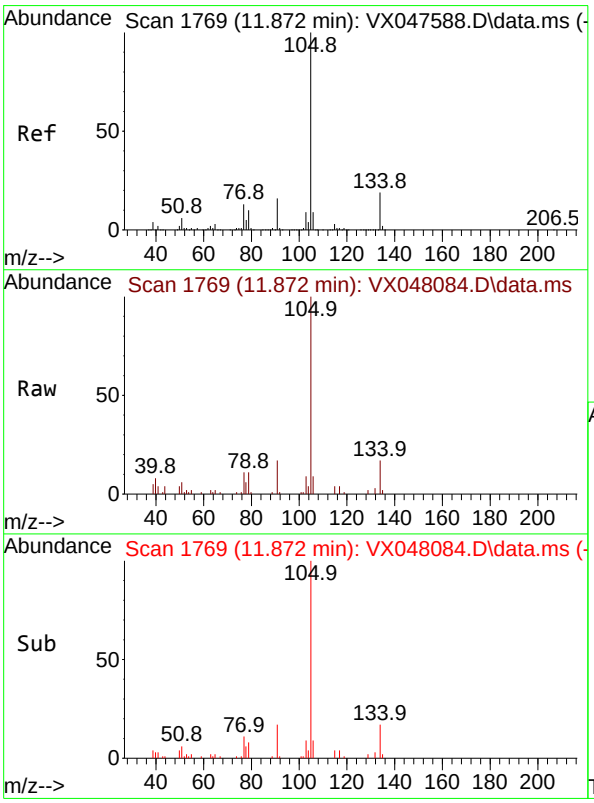
#83
tert-Butylbenzene
Concen: 0.396 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Tgt Ion:119 Resp: 3850

Ion	Ratio	Lower	Upper
119	100		
91	82.2	29.6	88.8
134	26.4	11.0	33.0

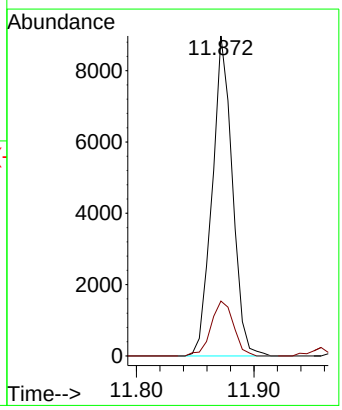




#85
sec-Butylbenzene
Concen: 0.930 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048084.D
Acq: 09 Oct 2025 14:20

Tgt Ion:105 Resp: 10747

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048084.D
Acq On : 09 Oct 2025 14:20
Operator : JC/MD
Sample : Q3311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048084.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.380	42	48	54	rBV	13623	18236	1.40%	0.207%
2	1.758	104	110	127	rBV	202008	333011	25.59%	3.788%
3	1.965	139	144	154	rBV	14917	24706	1.90%	0.281%
4	2.349	201	207	217	rBV	6700	16471	1.27%	0.187%
5	2.788	270	279	287	rBV	25188	67329	5.17%	0.766%
6	2.873	287	293	312	rVB4	29963	97445	7.49%	1.109%
7	3.105	322	331	350	rBV2	64353	163011	12.52%	1.854%
8	3.733	426	434	443	rBV5	5704	13940	1.07%	0.159%
9	3.837	443	451	459	rBV4	7559	19909	1.53%	0.226%
10	4.306	519	528	539	rVB3	17335	50062	3.85%	0.569%
11	4.483	550	557	568	rVB2	27544	76155	5.85%	0.866%
12	5.373	693	703	712	rBV3	97427	314559	24.17%	3.578%
13	5.464	712	718	723	rVV3	32317	95363	7.33%	1.085%
14	5.544	723	731	746	rVB	131416	400852	30.80%	4.560%
15	5.836	770	779	787	rBV7	4426	13135	1.01%	0.149%
16	5.946	787	797	809	rBV	109951	319906	24.58%	3.639%
17	6.153	823	831	832	rBV4	10394	19948	1.53%	0.227%
18	6.239	843	845	856	rVB4	8913	22580	1.73%	0.257%
19	6.751	919	929	941	rBV	265619	771838	59.30%	8.780%
20	7.117	982	989	992	rBV2	29844	64717	4.97%	0.736%
21	7.866	1100	1112	1119	rBV3	60236	206208	15.84%	2.346%
22	7.940	1119	1124	1130	rVB2	21009	39451	3.03%	0.449%
23	8.129	1151	1155	1160	rVV2	9489	17720	1.36%	0.202%
24	8.488	1205	1214	1224	rVB	74496	129942	9.98%	1.478%
25	8.635	1232	1238	1254	rVB	537634	910093	69.93%	10.353%
26	8.805	1262	1266	1270	rBV3	11594	21523	1.65%	0.245%
27	9.074	1304	1310	1317	rVB4	11235	26391	2.03%	0.300%
28	9.147	1317	1322	1332	rVB3	21175	43613	3.35%	0.496%
29	9.256	1332	1340	1360	rBV3	840796	1301514	100.00%	14.806%
30	9.415	1360	1366	1369	rBV	38288	64491	4.96%	0.734%
31	9.445	1369	1371	1375	rVV	31453	45627	3.51%	0.519%
32	9.482	1375	1377	1386	rVB3	15599	22069	1.70%	0.251%
33	9.744	1415	1420	1427	rVB2	17213	26205	2.01%	0.298%
34	9.842	1427	1436	1444	rBV4	8899	19418	1.49%	0.221%
35	9.958	1451	1455	1460	rVB	22135	32266	2.48%	0.367%
36	10.037	1460	1468	1482	rBV	682390	976035	74.99%	11.103%

Sample Results: **VX048084.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048084.D
Acq On : 09 Oct 2025 14:20
Operator : JC/MD
Sample : Q3311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

37	10.945	1612	1617	1626	rBV	217162	292075	22.44%	3.323%
38	11.061	1631	1636	1654	rVB	507854	718068	55.17%	8.168%
39	11.695	1734	1740	1745	rBV	11045	14720	1.13%	0.167%
40	11.872	1764	1769	1775	rVB	21626	26492	2.04%	0.301%
41	12.006	1785	1791	1799	rBV	712049	953609	73.27%	10.848%

Sum of corrected areas: 8790703

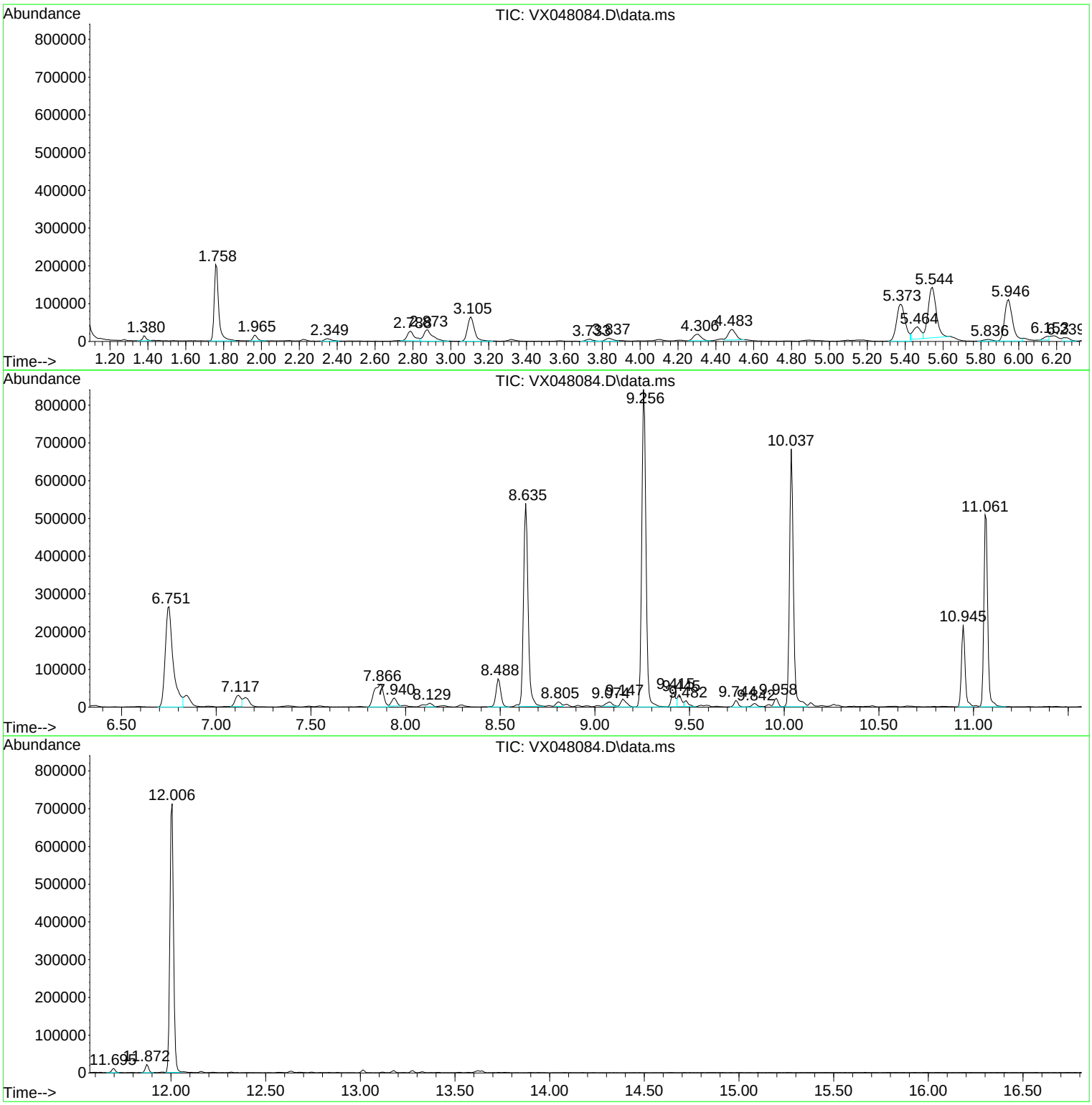
Sample Results: **VX048084.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048084.D
Acq On : 09 Oct 2025 14:20
Operator : JC/MD
Sample : Q3311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048084.D
Acq On : 09 Oct 2025 14:20
Operator : JC/MD
Sample : Q3311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

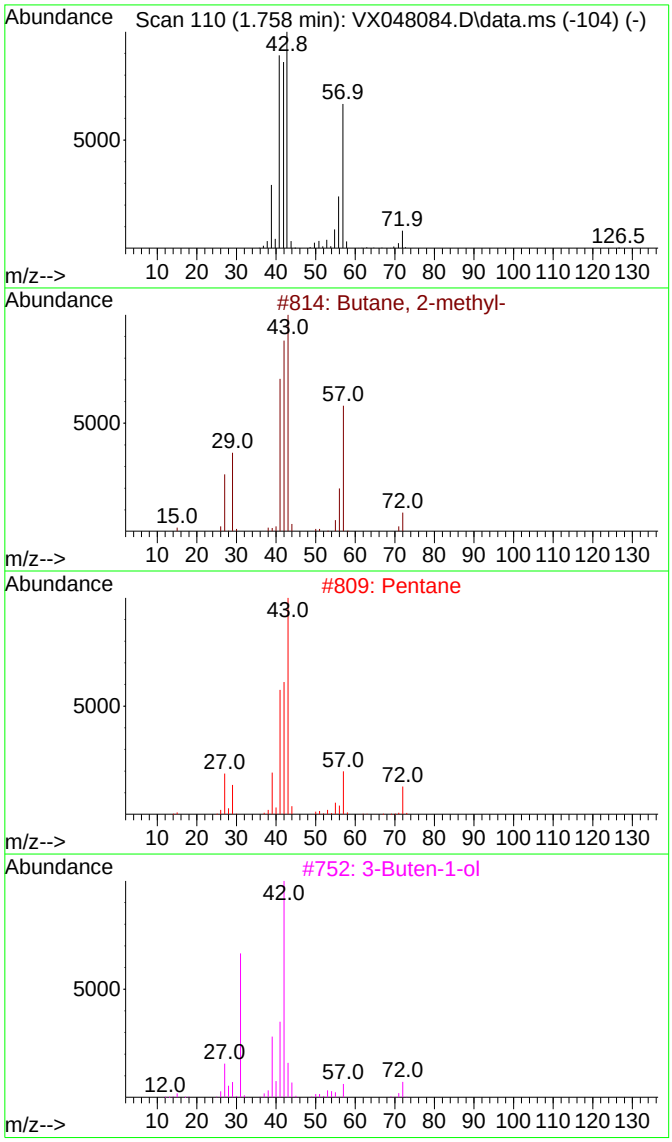
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

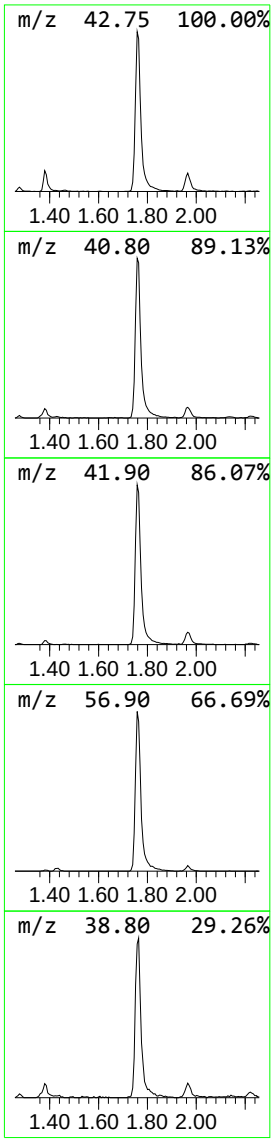
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.758	41.54 ug/l	333011	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Pentane	72	C5H12	000109-66-0	42
3	3-Buten-1-ol	72	C4H8O	000627-27-0	38
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	27
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048084.D
Acq On : 09 Oct 2025 14:20
Operator : JC/MD
Sample : Q3311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

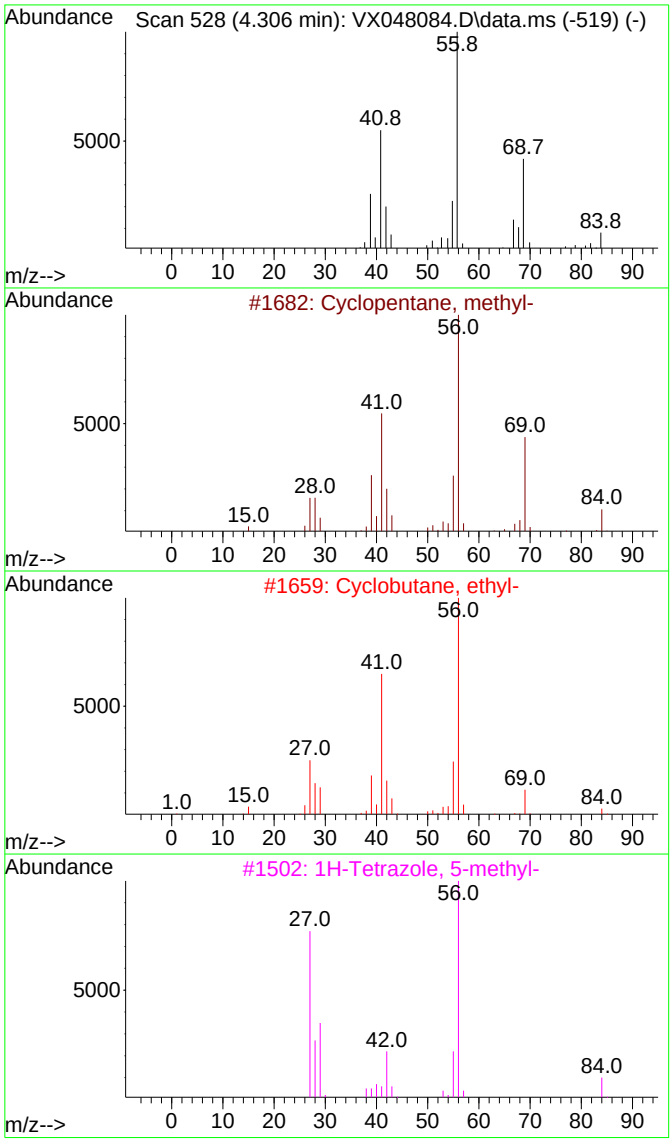
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

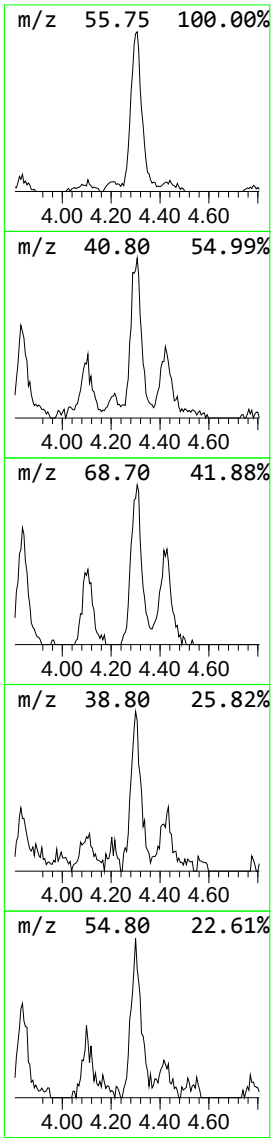
****

Peak Number 5 Cyclopentane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	6.24 ug/l	50062	Pentafluorobenzene	5.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	58
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	53
5	Cyclobutane	56	C4H8	000287-23-0	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048084.D
Acq On : 09 Oct 2025 14:20
Operator : JC/MD
Sample : Q3311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

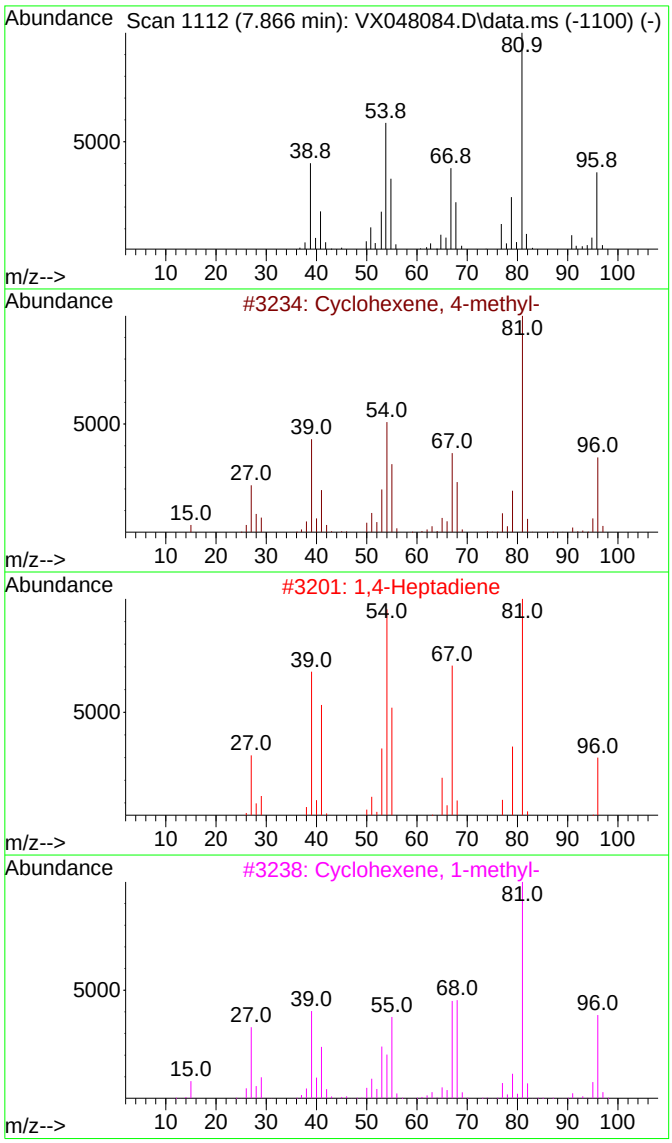
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

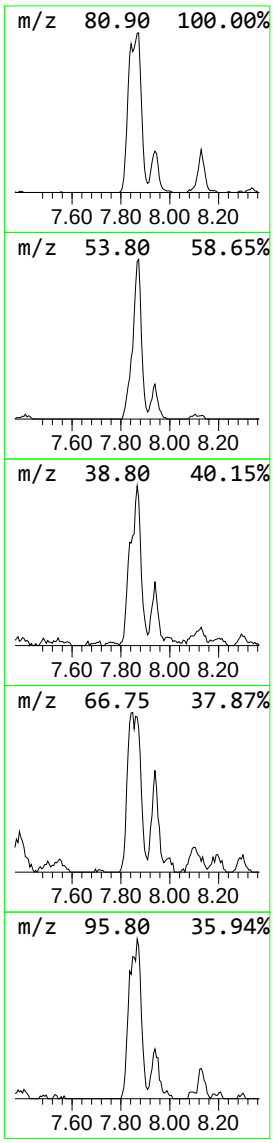
****

Peak Number 6 Cyclohexene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.866	13.36 ug/l	206208	1,4-Difluorobenzene	6.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	96
2	1,4-Heptadiene	96	C7H12	005675-22-9	76
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	70
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	64
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048084.D
Acq On : 09 Oct 2025 14:20
Operator : JC/MD
Sample : Q3311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

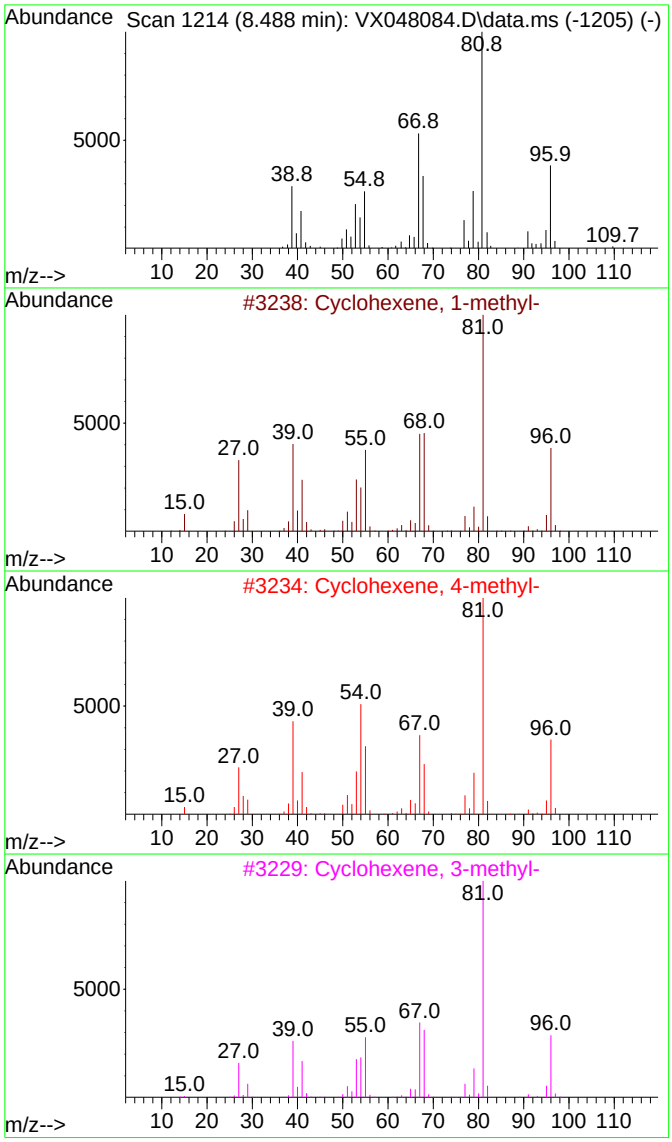
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

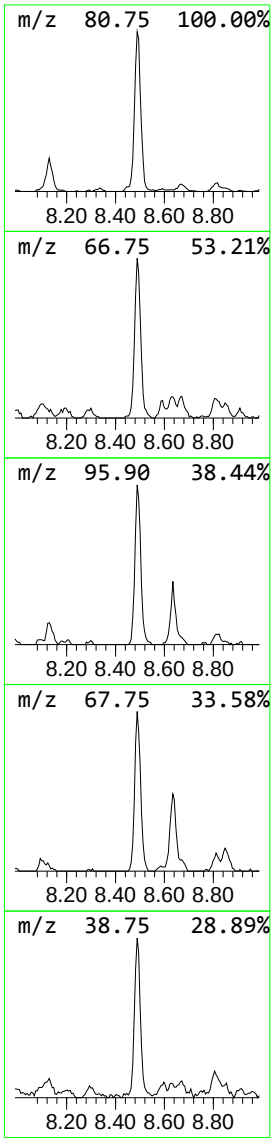
****

Peak Number 7 Cyclohexene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.488	6.66 ug/l	129942	Chlorobenzene-d5	10.037

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
3	Cyclohexene, 3-methyl-	96	C7H12	028823-41-8	81
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-42-9	81
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048084.D
Acq On : 09 Oct 2025 14:20
Operator : JC/MD
Sample : Q3311-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methyl-	1.758	41.5	ug/l	333011	1	5.544	400852	50.0
Cyclopentane, m...	4.306	6.2	ug/l	50062	1	5.544	400852	50.0
Cyclohexene, 4-...	7.866	13.4	ug/l	206208	2	6.751	771838	50.0
Cyclohexene, 1-...	8.488	6.7	ug/l	129942	3	10.037	976035	50.0

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-101S	SDG No.:	Q3311
Lab Sample ID:	Q3311-08	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:41	VX100925
74-87-3	Chloromethane	0.39	J	1	0.32	1.00	ug/L	10/09/25 14:41	VX100925
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/09/25 14:41	VX100925
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/09/25 14:41	VX100925
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/09/25 14:41	VX100925
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/09/25 14:41	VX100925
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:41	VX100925
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:41	VX100925
67-64-1	Acetone	2.10	J	1	1.50	5.00	ug/L	10/09/25 14:41	VX100925
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/09/25 14:41	VX100925
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:41	VX100925
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/09/25 14:41	VX100925
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/09/25 14:41	VX100925
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:41	VX100925
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/09/25 14:41	VX100925
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/09/25 14:41	VX100925
78-93-3	2-Butanone	5.10		1	0.98	5.00	ug/L	10/09/25 14:41	VX100925
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:41	VX100925
156-59-2	cis-1,2-Dichloroethene	10.6		1	0.19	1.00	ug/L	10/09/25 14:41	VX100925
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:41	VX100925
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/09/25 14:41	VX100925
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:41	VX100925
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:41	VX100925
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/09/25 14:41	VX100925
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:41	VX100925
79-01-6	Trichloroethene	8.90		1	0.090	1.00	ug/L	10/09/25 14:41	VX100925
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:41	VX100925
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 14:41	VX100925
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/09/25 14:41	VX100925
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/09/25 14:41	VX100925
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/09/25 14:41	VX100925
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:41	VX100925
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/09/25 14:41	VX100925
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/09/25 14:41	VX100925
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/09/25 14:41	VX100925
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/09/25 14:41	VX100925
127-18-4	Tetrachloroethene	530	E	1	0.23	1.00	ug/L	10/09/25 14:41	VX100925
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 14:41	VX100925
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/09/25 14:41	VX100925
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/09/25 14:41	VX100925
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/09/25 14:41	VX100925
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/09/25 14:41	VX100925
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/09/25 14:41	VX100925

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-101S	SDG No.:	Q3311
Lab Sample ID:	Q3311-08	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 14:41	VX100925
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/09/25 14:41	VX100925
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:41	VX100925
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/09/25 14:41	VX100925
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 14:41	VX100925
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/09/25 14:41	VX100925
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:41	VX100925
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 14:41	VX100925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.5			74 - 125	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	49.6			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.5			77 - 121	111%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	123000							
540-36-3	1,4-Difluorobenzene	255000							
3114-55-4	Chlorobenzene-d5	259000							
3855-82-1	1,4-Dichlorobenzene-d4	132000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048085.D
Acq On : 09 Oct 2025 14:41
Operator : JC/MD
Sample : Q3311-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Quant Time: Oct 10 01:25:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

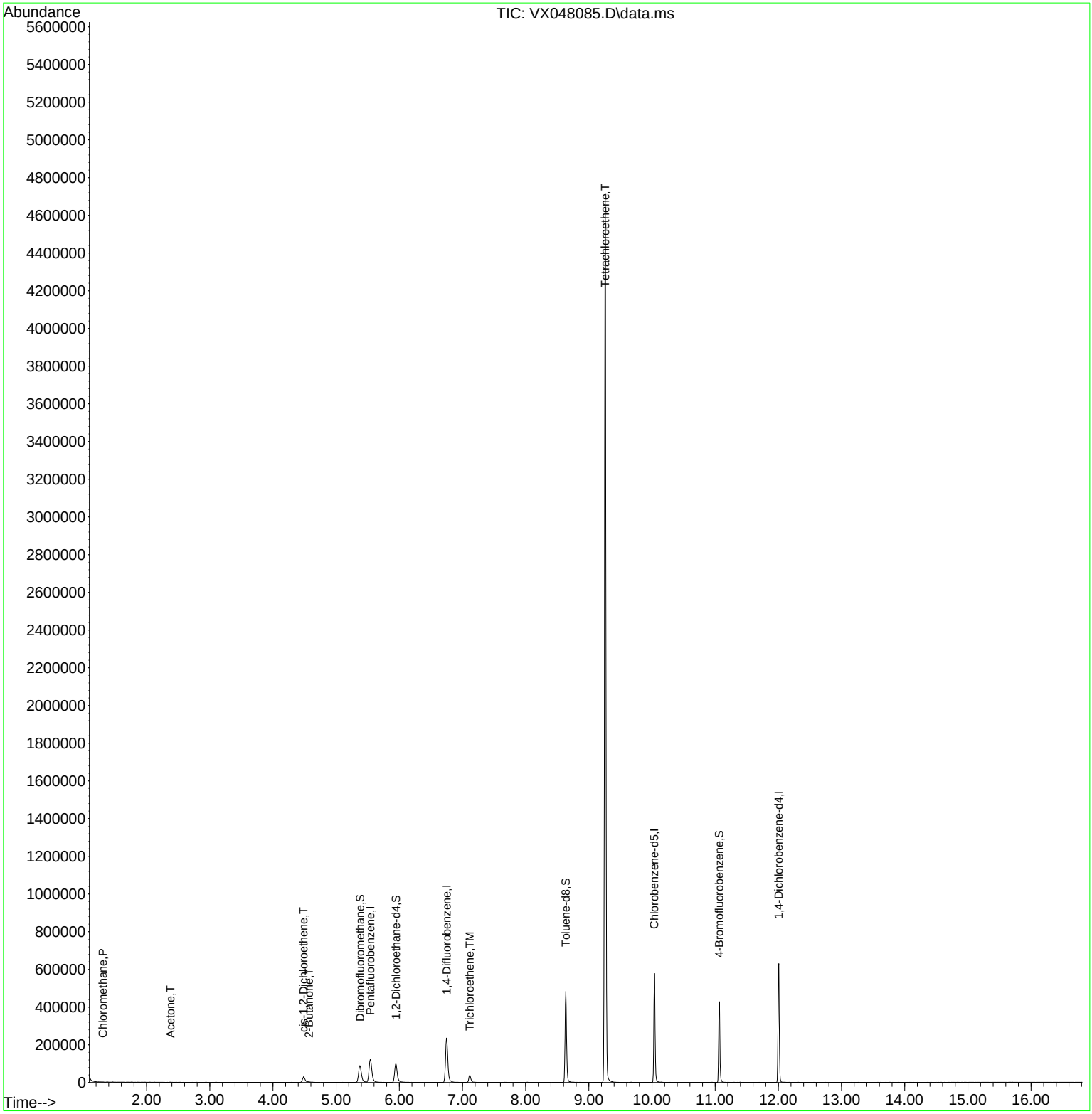
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	123020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	255257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108754	55.539	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.080%			
35) Dibromofluoromethane	5.379	113	86859	50.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	8.635	98	294044	49.640	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.280%			
62) 4-Bromofluorobenzene	11.061	95	124713	55.476	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.960%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	651	0.389	ug/l	90
16) Acetone	2.380	43	1763	2.071	ug/l	90
25) 2-Butanone	4.568	43	5416	5.100	ug/l	90
27) cis-1,2-Dichloroethene	4.483	96	20366	10.568	ug/l	88
44) Trichloroethene	7.117	130	16310	8.879	ug/l	96
64) Tetrachloroethene	9.257	164	902554	534.613	ug/l	99

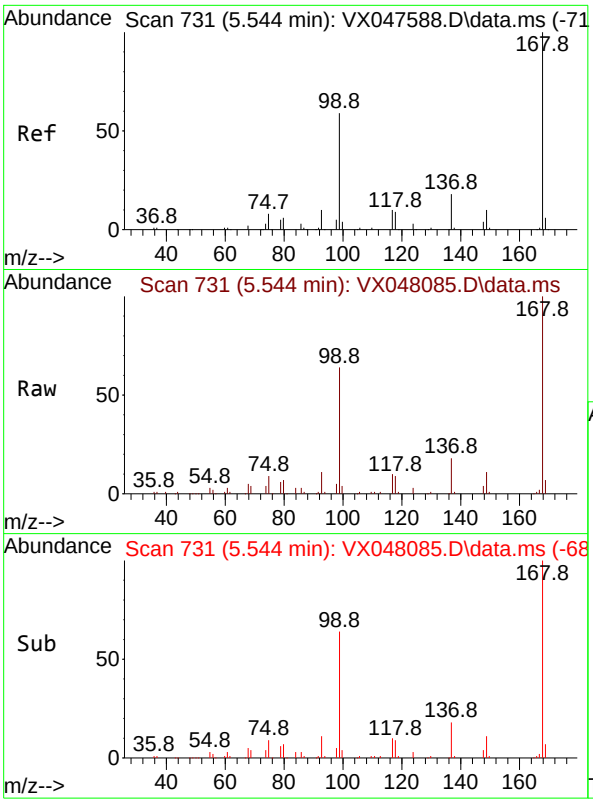
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048085.D
Acq On : 09 Oct 2025 14:41
Operator : JC/MD
Sample : Q3311-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Quant Time: Oct 10 01:25:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



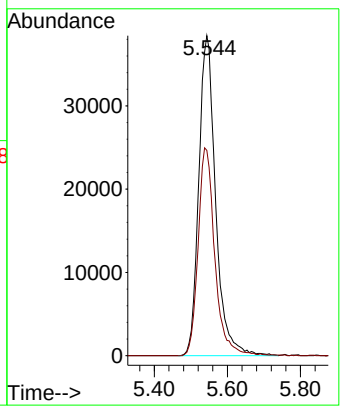


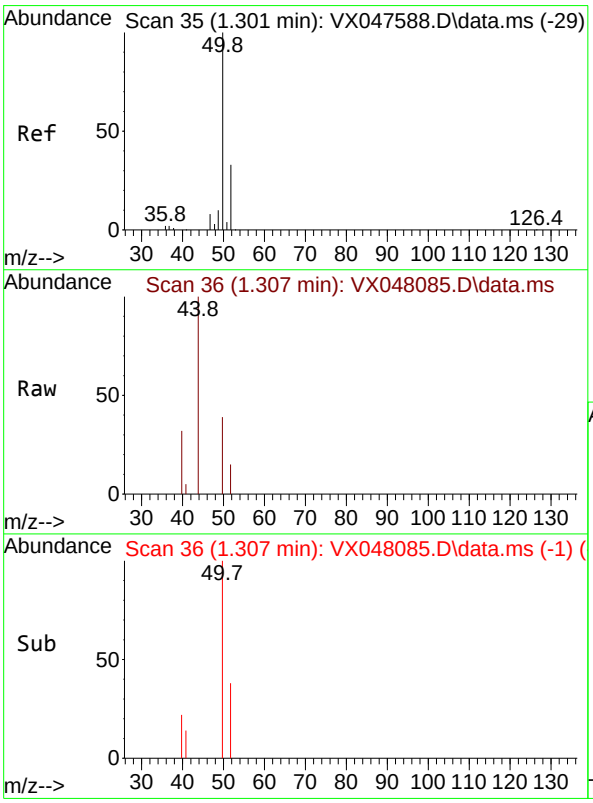
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:168 Resp: 123020

Ion	Ratio	Lower	Upper
168	100		
99	64.2	48.8	73.2

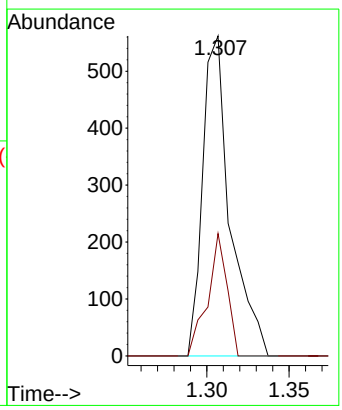


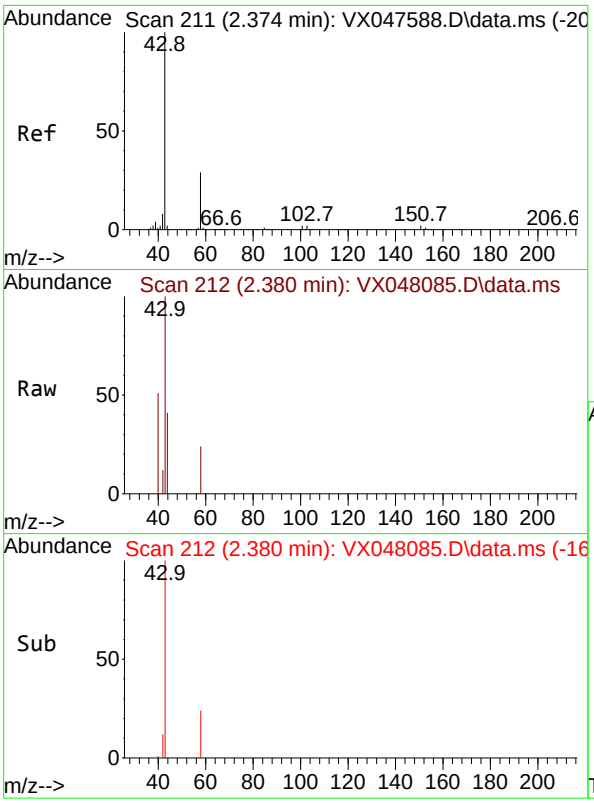


#3
Chloromethane
Concen: 0.389 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion: 50 Resp: 651

Ion	Ratio	Lower	Upper
50	100		
52	38.3	26.1	39.1



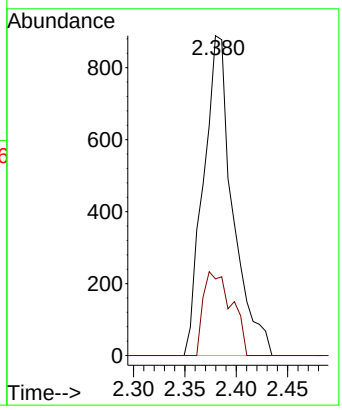


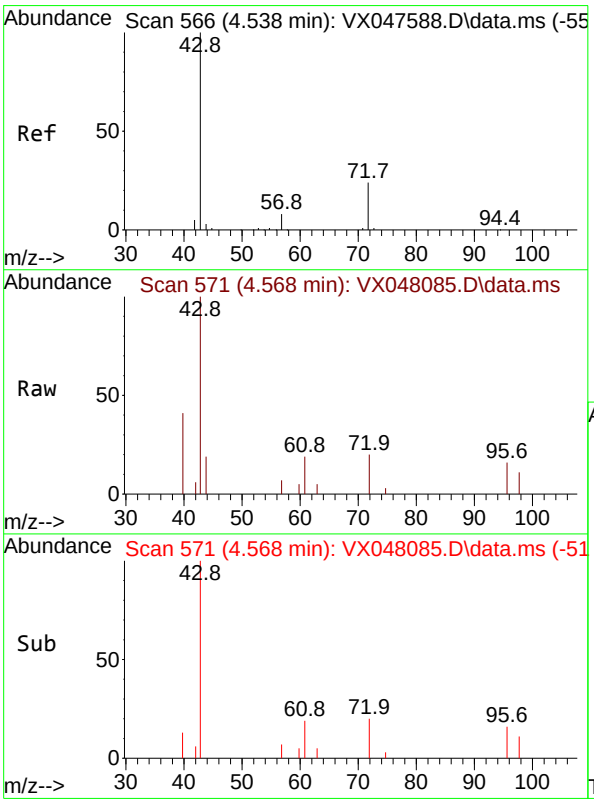
#16
Acetone
Concen: 2.071 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 43 Resp: 1763

Ion	Ratio	Lower	Upper
43	100		
58	24.0	23.4	35.0

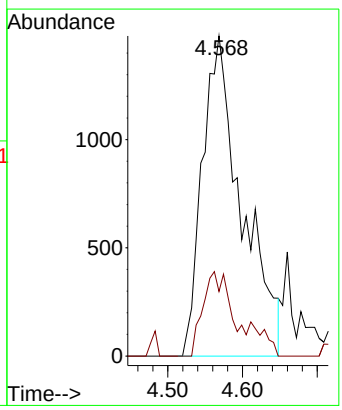


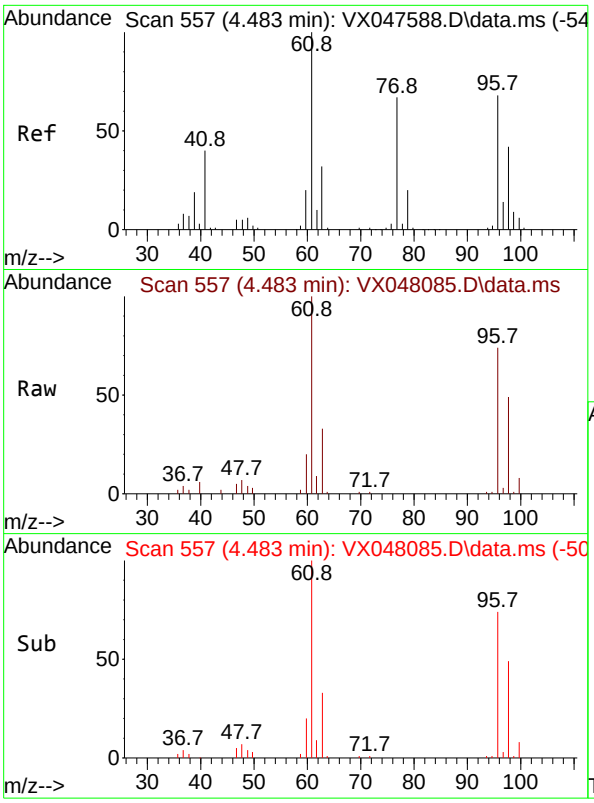


#25
2-Butanone
Concen: 5.100 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.030 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion: 43 Resp: 5416

Ion	Ratio	Lower	Upper
43	100		
72	20.1	20.1	30.1



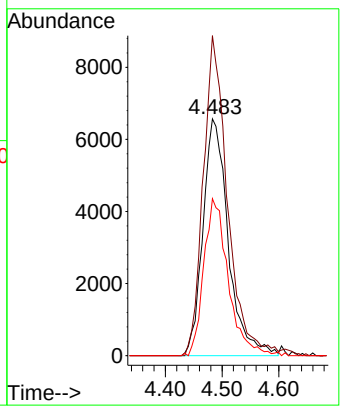


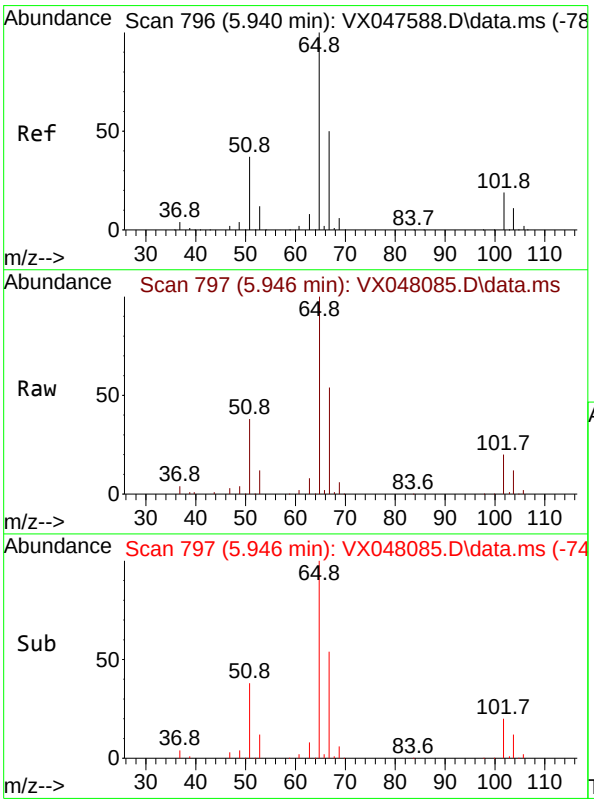
#27
cis-1,2-Dichloroethene
Concen: 10.568 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 96 Resp: 20366

Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	303.2
98	64.2	0.0	127.8

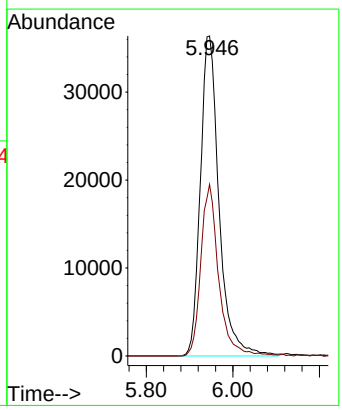


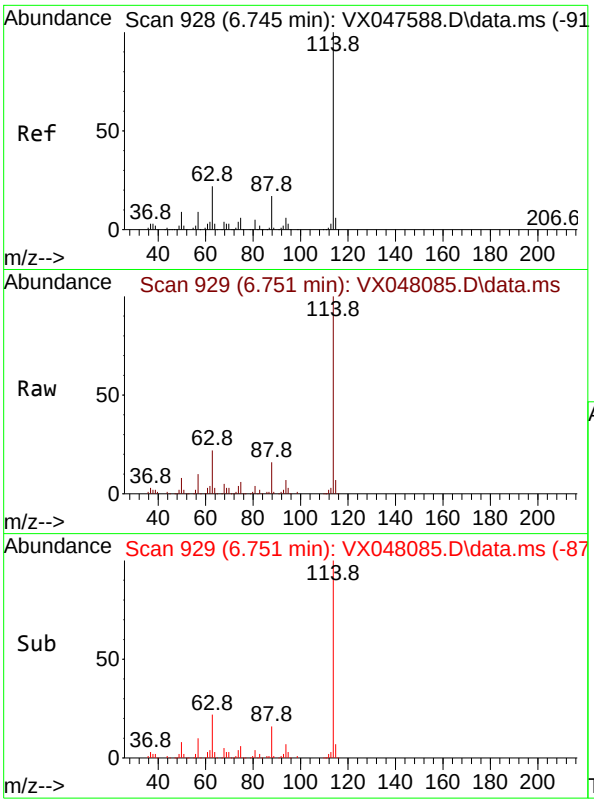


#33
1,2-Dichloroethane-d4
Concen: 55.539 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion: 65 Resp: 108754

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0



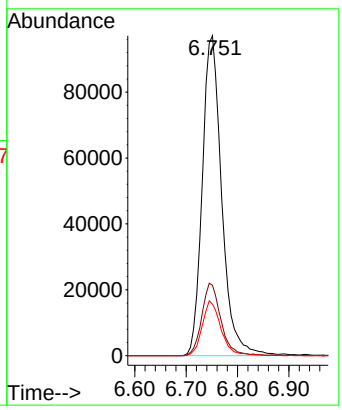


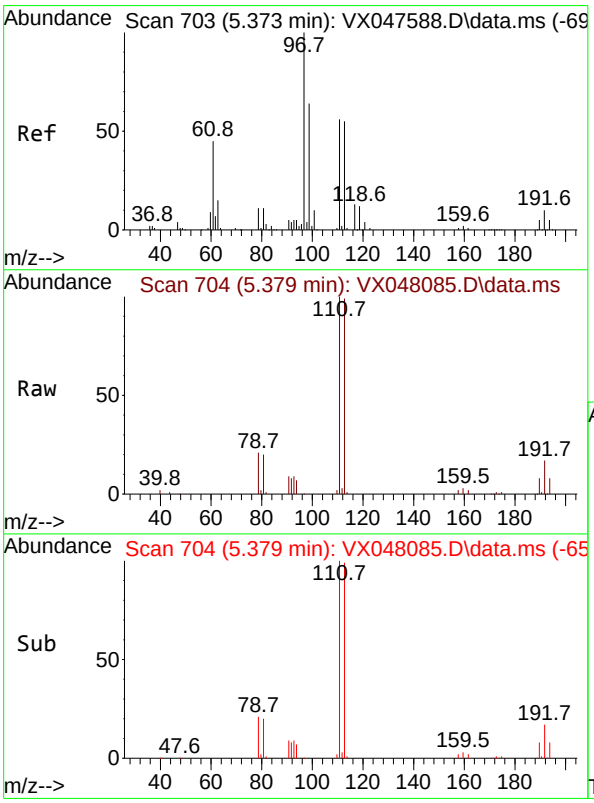
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:114 Resp: 255257

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	16.1	0.0	34.2

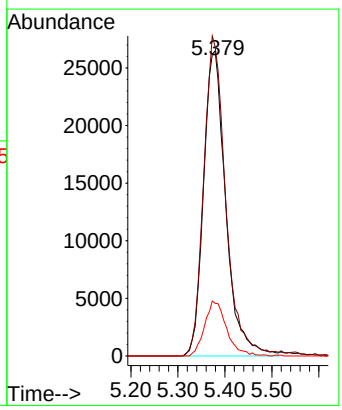


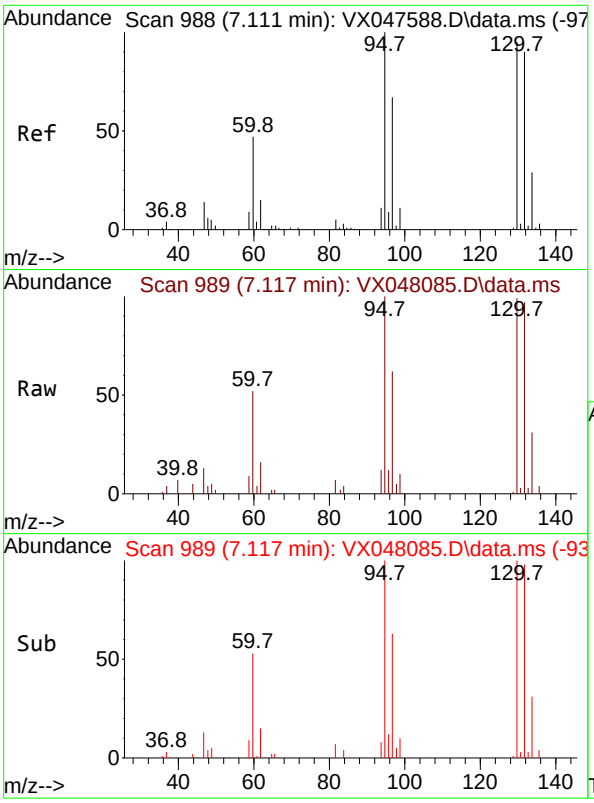


#35
Dibromofluoromethane
Concen: 50.739 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion:113 Resp: 86859

Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.9	121.3
192	17.8	14.2	21.4



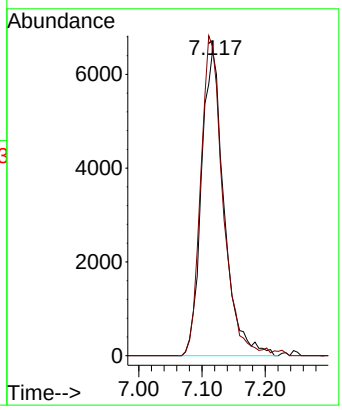


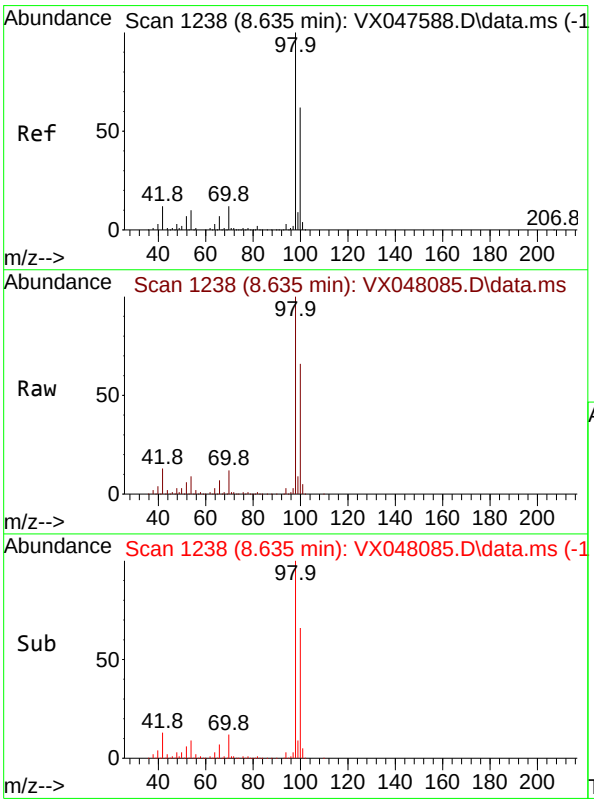
#44
Trichloroethene
Concen: 8.879 ug/l
RT: 7.117 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:130 Resp: 16310

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	210.8

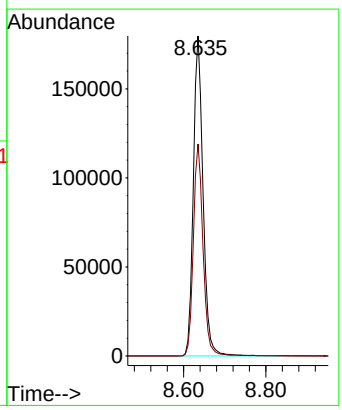


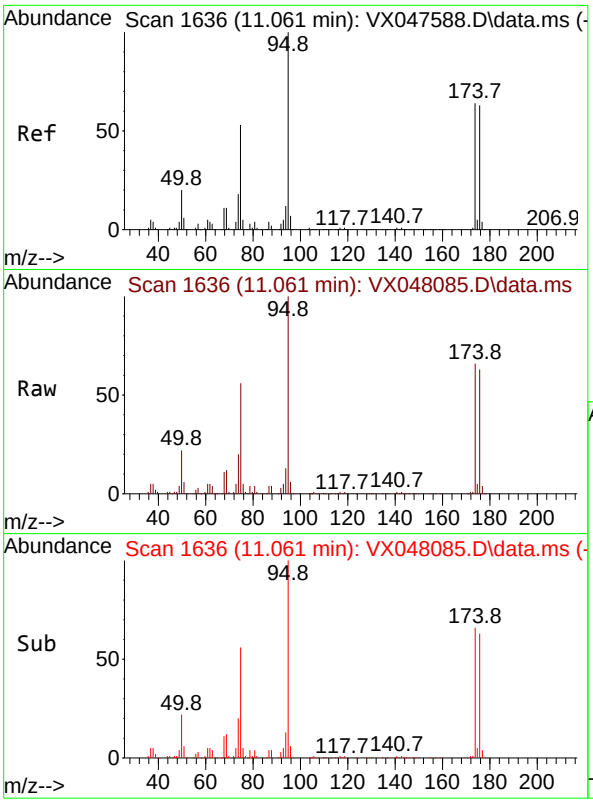


#50
Toluene-d8
Concen: 49.640 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion: 98 Resp: 294044

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4



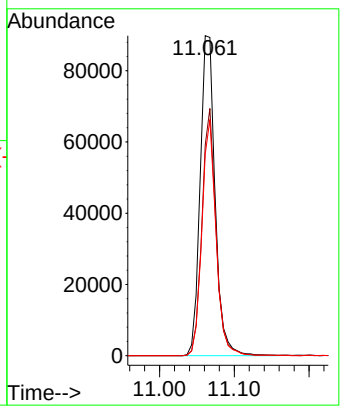


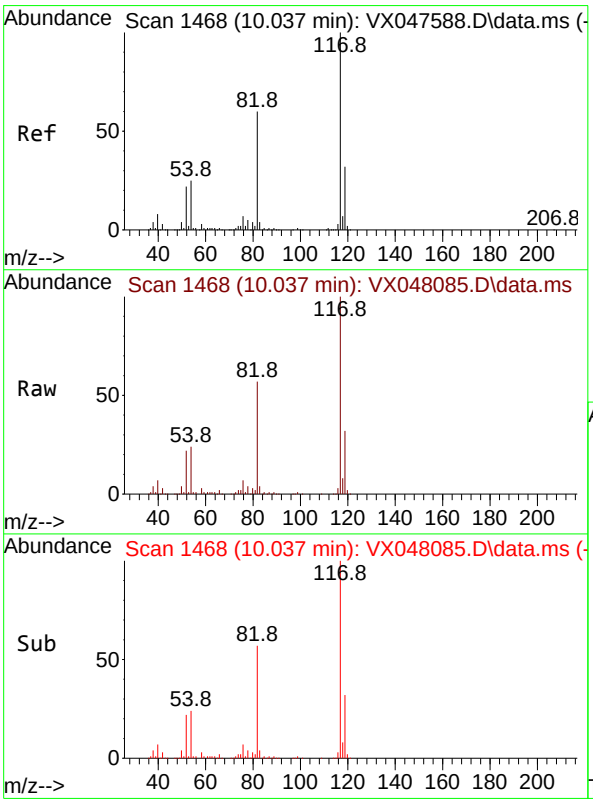
#62
4-Bromofluorobenzene
Concen: 55.476 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion: 95 Resp: 124713

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	141.6
176	69.7	0.0	138.4

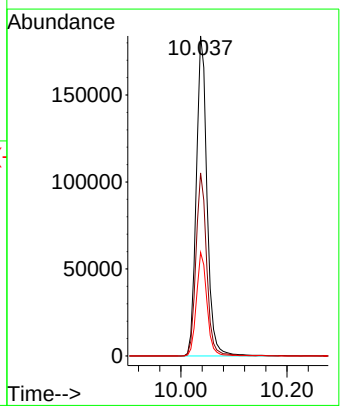


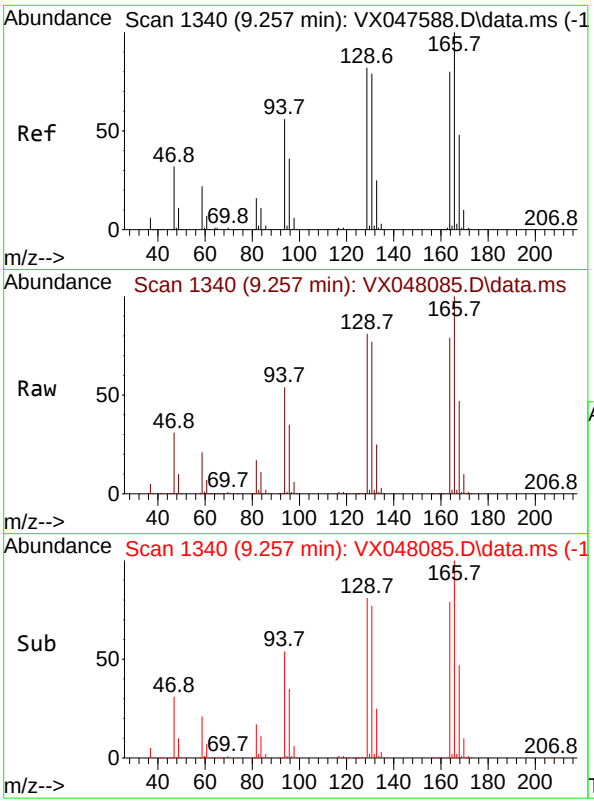


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion:117 Resp: 258974

Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.8	71.6
119	32.3	25.2	37.8



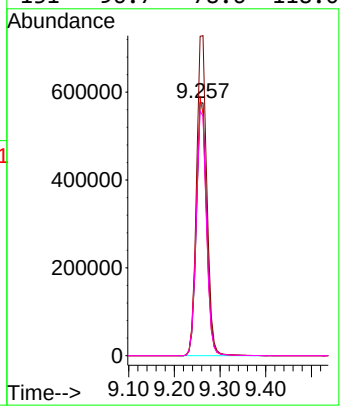


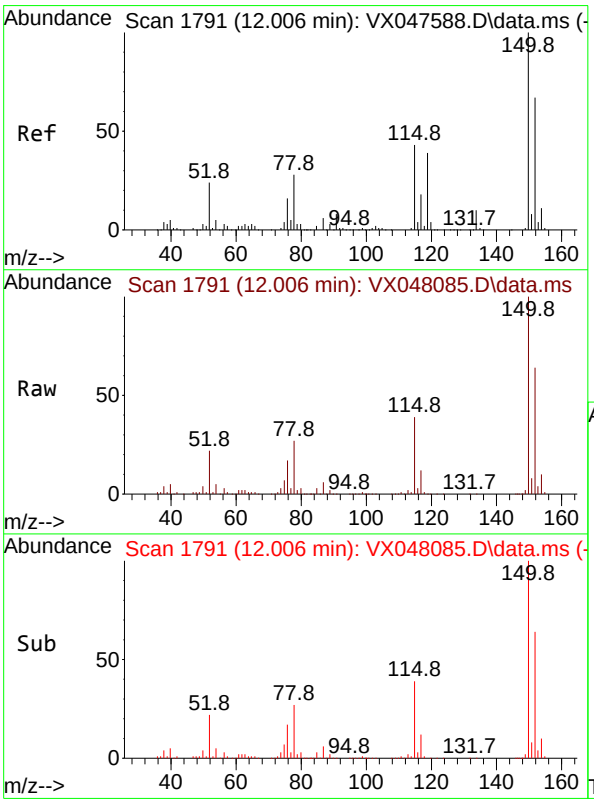
#64
Tetrachloroethene
Concen: 534.613 ug/l
RT: 9.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:164 Resp: 902554

Ion	Ratio	Lower	Upper
164	100		
166	126.3	100.2	150.2
129	101.7	81.8	122.6
131	96.7	78.6	118.0

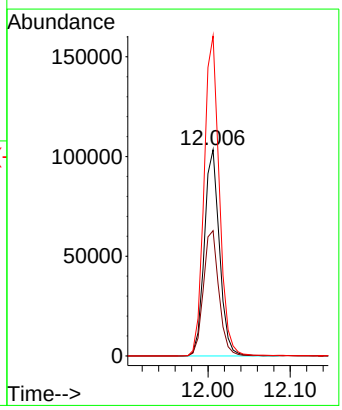




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion:152 Resp: 132248

Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.9	134.5
150	156.0	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048085.D
Acq On : 09 Oct 2025 14:41
Operator : JC/MD
Sample : Q3311-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048085.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.483	547	557	576	rBV2	29326	93379	1.29%	0.776%
2	5.373	692	703	720	rBV2	88142	285695	3.95%	2.373%
3	5.544	720	731	750	rVB	121116	381188	5.26%	3.166%
4	5.946	787	797	816	rBV	99348	291620	4.03%	2.422%
5	6.745	919	928	949	rBV	233551	616954	8.52%	5.125%
6	7.117	981	989	1003	rBV3	37277	90645	1.25%	0.753%
7	8.635	1231	1238	1255	rBV	483453	794724	10.98%	6.601%
8	9.257	1333	1340	1366	rBV2	4687012	7240814	100.00%	60.144%
9	10.037	1462	1468	1483	rBV	578623	812858	11.23%	6.752%
10	11.067	1631	1637	1651	rBV	427644	597319	8.25%	4.961%
11	12.006	1785	1791	1804	rBV	630024	833978	11.52%	6.927%

Sum of corrected areas: 12039174

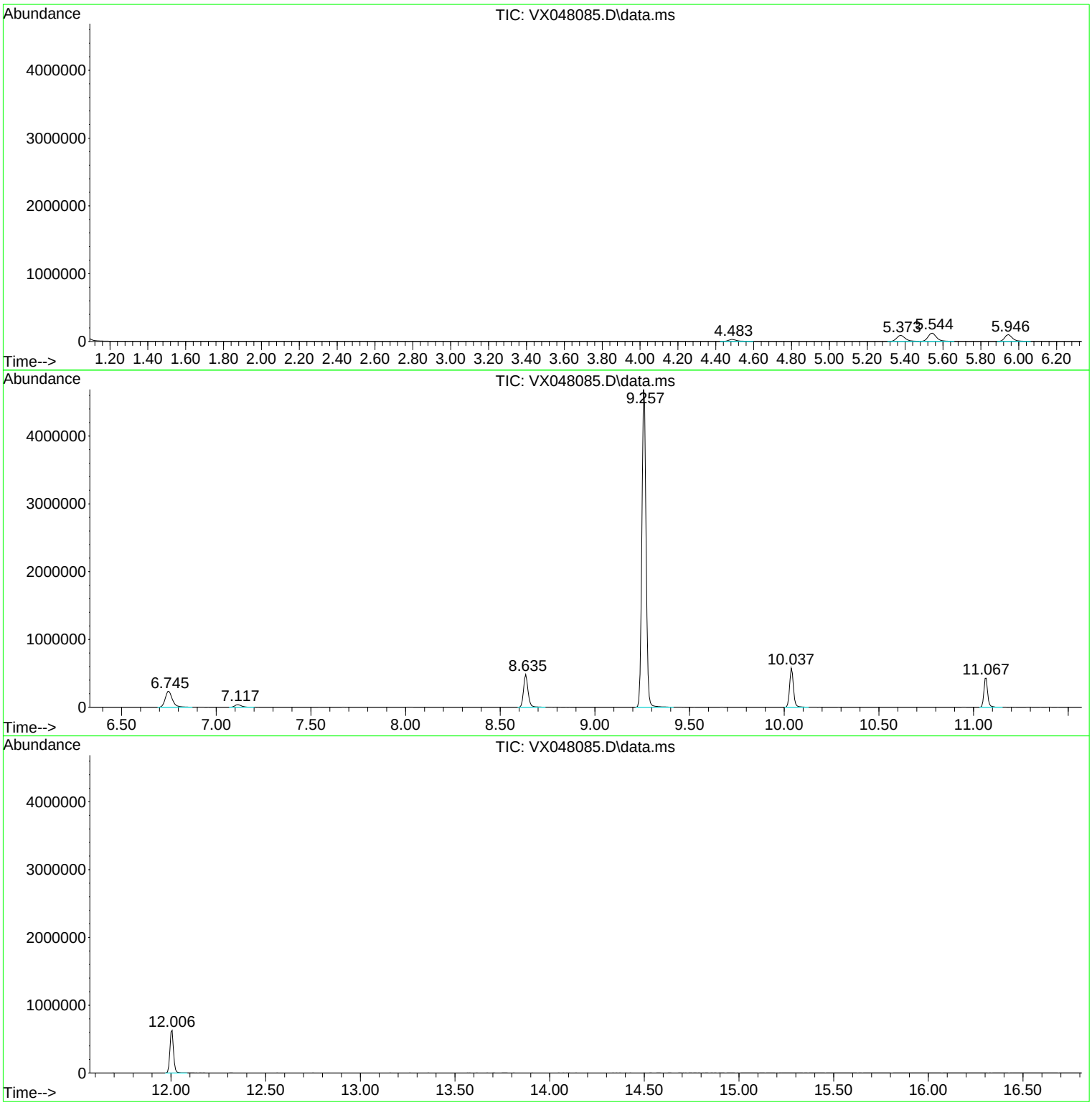
Sample Results: **VX048085.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048085.D
Acq On : 09 Oct 2025 14:41
Operator : JC/MD
Sample : Q3311-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048085.D
Acq On : 09 Oct 2025 14:41
Operator : JC/MD
Sample : Q3311-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048085.D
Acq On : 09 Oct 2025 14:41
Operator : JC/MD
Sample : Q3311-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-101SDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-08DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	10.0	UD	10	2.20	10.0	ug/L	10/10/25 16:35	VX101025
74-87-3	Chloromethane	10.0	UD	10	3.20	10.0	ug/L	10/10/25 16:35	VX101025
75-01-4	Vinyl Chloride	10.0	UD	10	2.60	10.0	ug/L	10/10/25 16:35	VX101025
74-83-9	Bromomethane	50.0	UD	10	14.4	50.0	ug/L	10/10/25 16:35	VX101025
75-00-3	Chloroethane	10.0	UD	10	4.70	10.0	ug/L	10/10/25 16:35	VX101025
75-69-4	Trichlorofluoromethane	10.0	UD	10	3.30	10.0	ug/L	10/10/25 16:35	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	10.0	UD	10	2.50	10.0	ug/L	10/10/25 16:35	VX101025
75-35-4	1,1-Dichloroethene	10.0	UD	10	2.30	10.0	ug/L	10/10/25 16:35	VX101025
67-64-1	Acetone	50.0	UD	10	15.1	50.0	ug/L	10/10/25 16:35	VX101025
75-15-0	Carbon Disulfide	10.0	UD	10	2.10	10.0	ug/L	10/10/25 16:35	VX101025
1634-04-4	Methyl tert-butyl Ether	10.0	UD	10	1.60	10.0	ug/L	10/10/25 16:35	VX101025
79-20-9	Methyl Acetate	10.0	UD	10	2.70	10.0	ug/L	10/10/25 16:35	VX101025
75-09-2	Methylene Chloride	10.0	UD	10	2.80	10.0	ug/L	10/10/25 16:35	VX101025
156-60-5	trans-1,2-Dichloroethene	10.0	UD	10	2.30	10.0	ug/L	10/10/25 16:35	VX101025
75-34-3	1,1-Dichloroethane	10.0	UD	10	2.30	10.0	ug/L	10/10/25 16:35	VX101025
110-82-7	Cyclohexane	50.0	UD	10	14.5	50.0	ug/L	10/10/25 16:35	VX101025
78-93-3	2-Butanone	50.0	UD	10	9.80	50.0	ug/L	10/10/25 16:35	VX101025
56-23-5	Carbon Tetrachloride	10.0	UD	10	2.50	10.0	ug/L	10/10/25 16:35	VX101025
156-59-2	cis-1,2-Dichloroethene	8.80	JD	10	1.90	10.0	ug/L	10/10/25 16:35	VX101025
74-97-5	Bromochloromethane	10.0	UD	10	2.20	10.0	ug/L	10/10/25 16:35	VX101025
67-66-3	Chloroform	10.0	UD	10	2.50	10.0	ug/L	10/10/25 16:35	VX101025
71-55-6	1,1,1-Trichloroethane	10.0	UD	10	2.00	10.0	ug/L	10/10/25 16:35	VX101025
108-87-2	Methylcyclohexane	10.0	UD	10	1.60	10.0	ug/L	10/10/25 16:35	VX101025
71-43-2	Benzene	10.0	UD	10	1.50	10.0	ug/L	10/10/25 16:35	VX101025
107-06-2	1,2-Dichloroethane	10.0	UD	10	2.20	10.0	ug/L	10/10/25 16:35	VX101025
79-01-6	Trichloroethene	7.90	JD	10	0.93	10.0	ug/L	10/10/25 16:35	VX101025
78-87-5	1,2-Dichloropropane	10.0	UD	10	2.00	10.0	ug/L	10/10/25 16:35	VX101025
75-27-4	Bromodichloromethane	10.0	UD	10	2.20	10.0	ug/L	10/10/25 16:35	VX101025
108-10-1	4-Methyl-2-Pentanone	50.0	UD	10	6.80	50.0	ug/L	10/10/25 16:35	VX101025
108-88-3	Toluene	10.0	UD	10	1.40	10.0	ug/L	10/10/25 16:35	VX101025
10061-02-6	t-1,3-Dichloropropene	10.0	UD	10	1.70	10.0	ug/L	10/10/25 16:35	VX101025
10061-01-5	cis-1,3-Dichloropropene	10.0	UD	10	1.60	10.0	ug/L	10/10/25 16:35	VX101025
79-00-5	1,1,2-Trichloroethane	10.0	UD	10	2.10	10.0	ug/L	10/10/25 16:35	VX101025
591-78-6	2-Hexanone	50.0	UD	10	8.90	50.0	ug/L	10/10/25 16:35	VX101025
124-48-1	Dibromochloromethane	10.0	UD	10	1.80	10.0	ug/L	10/10/25 16:35	VX101025
106-93-4	1,2-Dibromoethane	10.0	UD	10	1.50	10.0	ug/L	10/10/25 16:35	VX101025
127-18-4	Tetrachloroethene	440	D	10	2.30	10.0	ug/L	10/10/25 16:35	VX101025
108-90-7	Chlorobenzene	10.0	UD	10	1.20	10.0	ug/L	10/10/25 16:35	VX101025
100-41-4	Ethyl Benzene	10.0	UD	10	1.30	10.0	ug/L	10/10/25 16:35	VX101025
179601-23-1	m/p-Xylenes	20.0	UD	10	2.40	20.0	ug/L	10/10/25 16:35	VX101025
95-47-6	o-Xylene	10.0	UD	10	1.20	10.0	ug/L	10/10/25 16:35	VX101025
100-42-5	Styrene	10.0	UD	10	1.50	10.0	ug/L	10/10/25 16:35	VX101025
75-25-2	Bromoform	10.0	UD	10	1.90	10.0	ug/L	10/10/25 16:35	VX101025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-101SDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-08DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	10.0	UD	10	1.20	10.0	ug/L	10/10/25 16:35	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	10.0	UD	10	2.60	10.0	ug/L	10/10/25 16:35	VX101025
541-73-1	1,3-Dichlorobenzene	10.0	UD	10	1.60	10.0	ug/L	10/10/25 16:35	VX101025
106-46-7	1,4-Dichlorobenzene	10.0	UD	10	1.90	10.0	ug/L	10/10/25 16:35	VX101025
95-50-1	1,2-Dichlorobenzene	10.0	UD	10	1.60	10.0	ug/L	10/10/25 16:35	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	10.0	UD	10	5.30	10.0	ug/L	10/10/25 16:35	VX101025
120-82-1	1,2,4-Trichlorobenzene	10.0	UD	10	2.00	10.0	ug/L	10/10/25 16:35	VX101025
87-61-6	1,2,3-Trichlorobenzene	10.0	UD	10	2.00	10.0	ug/L	10/10/25 16:35	VX101025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.6			74 - 125	117%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.2			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	50.1			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	58.6			77 - 121	117%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	128000							
540-36-3	1,4-Difluorobenzene	272000							
3114-55-4	Chlorobenzene-d5	295000							
3855-82-1	1,4-Dichlorobenzene-d4	149000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048116.D
Acq On : 10 Oct 2025 16:35
Operator : JC/MD
Sample : Q3311-08DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Quant Time: Oct 11 00:35:17 2025
Quant Title :
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

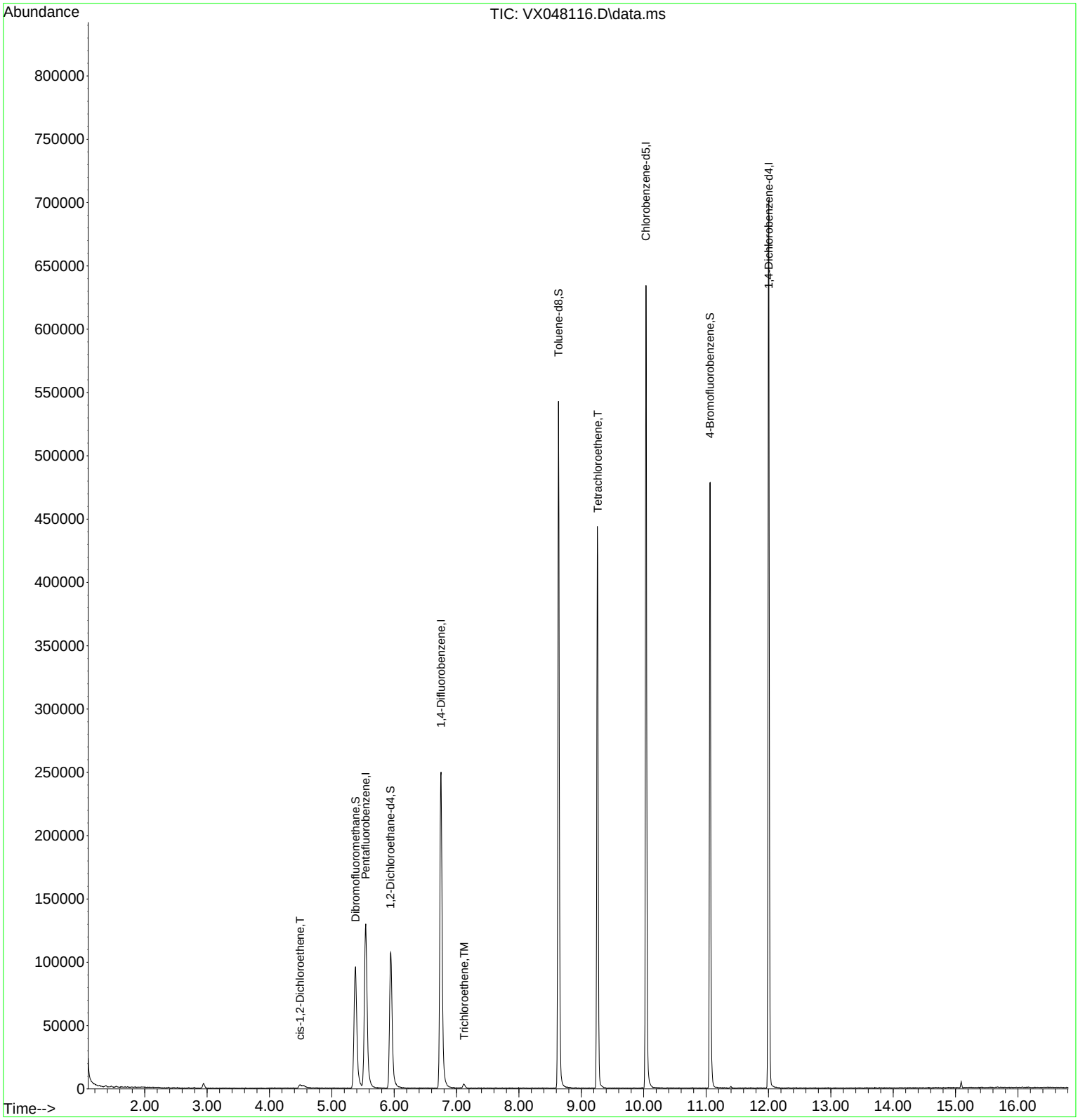
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	127815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	272296	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	294793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	148707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119213	58.596	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 117.200%#			
35) Dibromofluoromethane	5.379	113	95415	52.249	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	8.634	98	316300	50.056	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.061	95	140471	58.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.160%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.489	96	1752	0.875	ug/l	97
44) Trichloroethene	7.123	130	1538	0.785	ug/l	99
64) Tetrachloroethene	9.262	164	83873	43.644	ug/l	98

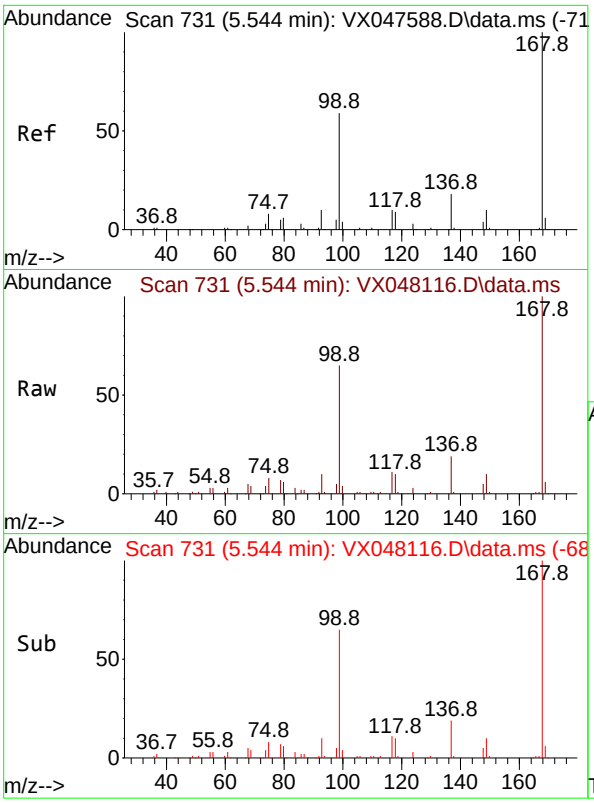
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048116.D
Acq On : 10 Oct 2025 16:35
Operator : JC/MD
Sample : Q3311-08DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Quant Time: Oct 11 00:35:17 2025
Quant Title :
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



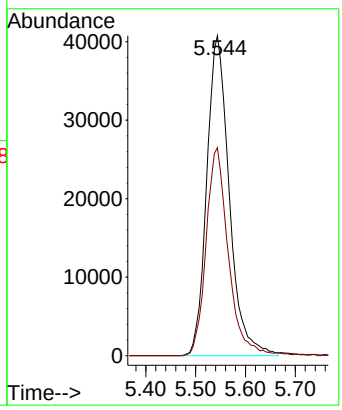


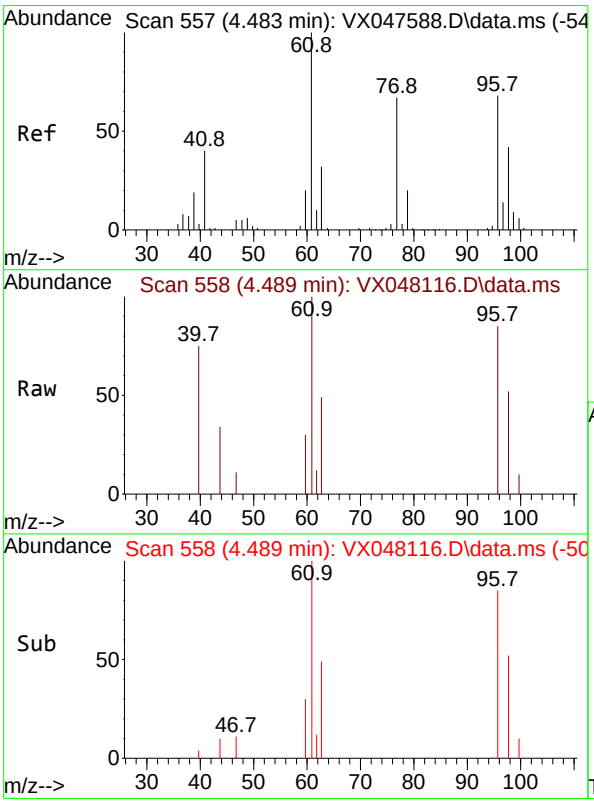
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Tgt Ion:168 Resp: 127815

Ion	Ratio	Lower	Upper
168	100		
99	65.0	48.8	73.2

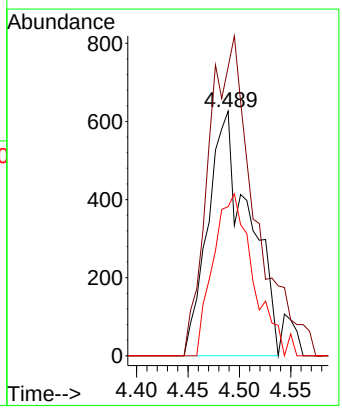


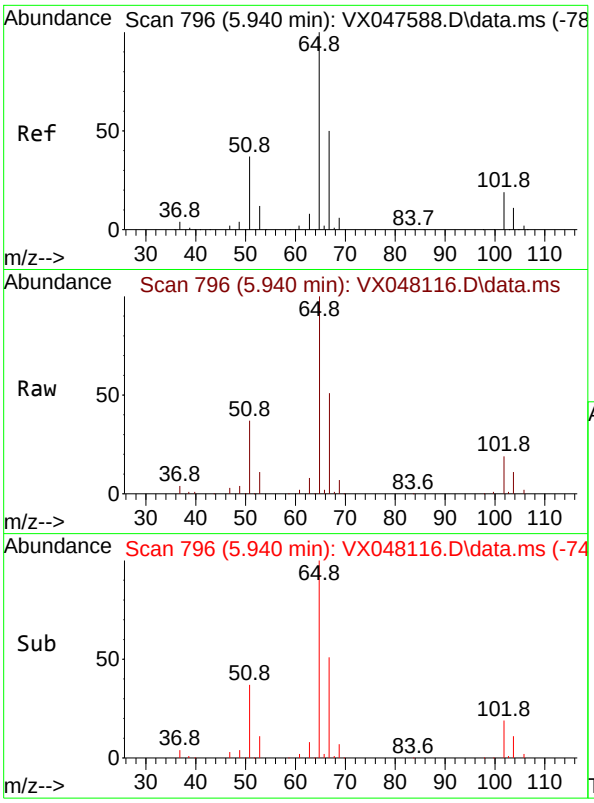


#27
cis-1,2-Dichloroethene
Concen: 0.875 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Tgt Ion: 96 Resp: 1752

Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	303.2
98	64.3	0.0	127.8



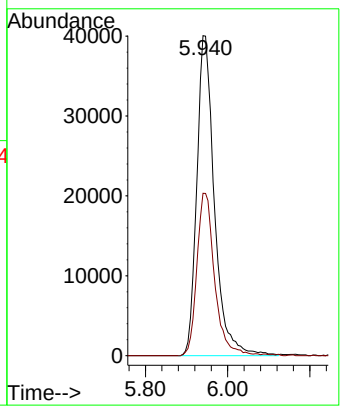


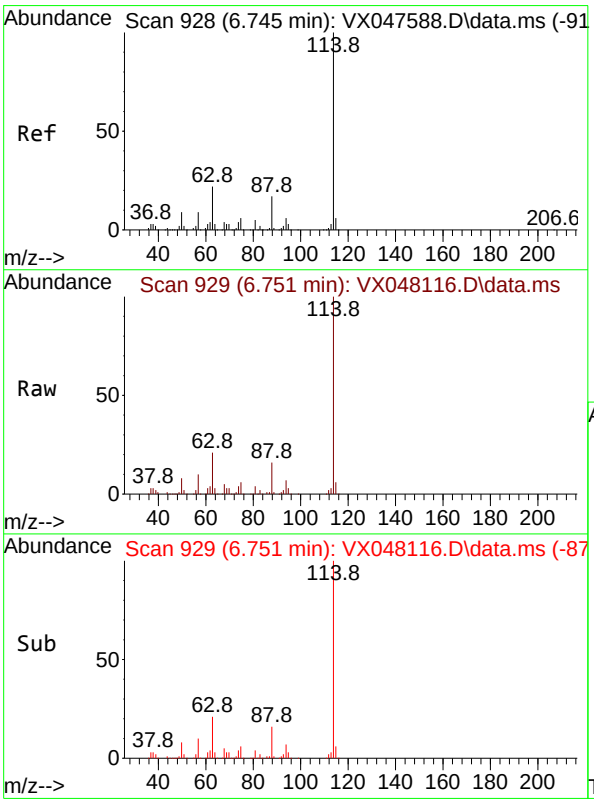
#33
1,2-Dichloroethane-d4
Concen: 58.596 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Tgt Ion: 65 Resp: 119213

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0

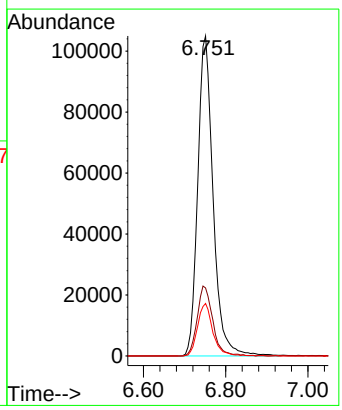


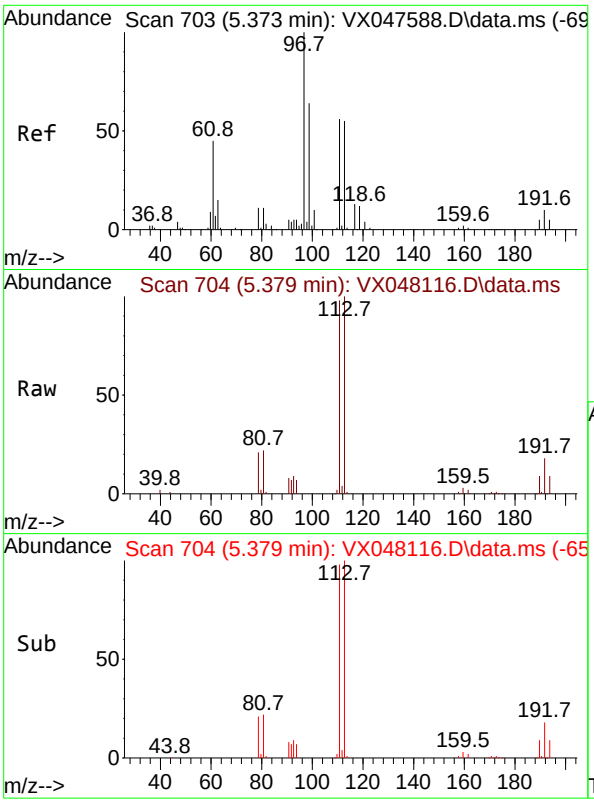


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Tgt Ion:114 Resp: 272296

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.0
88	16.4	0.0	34.2



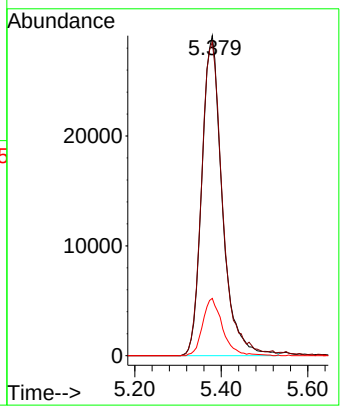


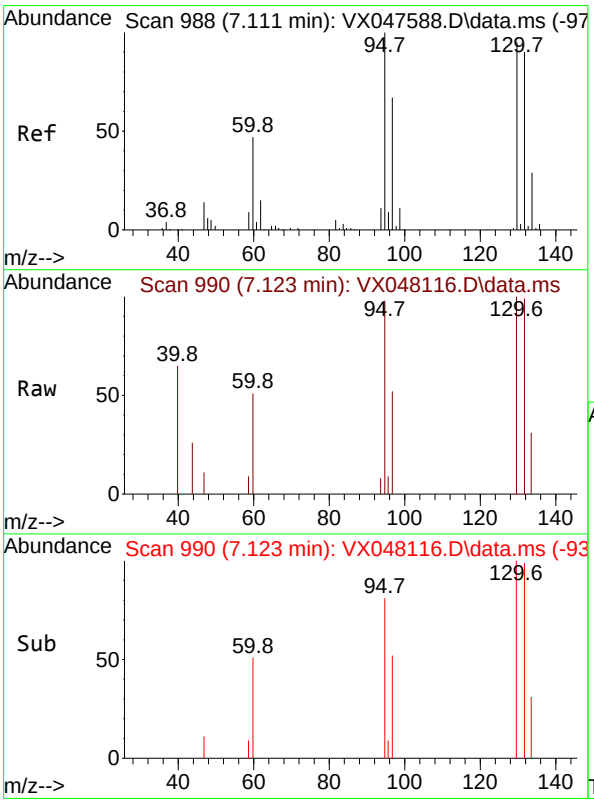
#35
Dibromofluoromethane
Concen: 52.249 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Tgt Ion:113 Resp: 95415

Ion	Ratio	Lower	Upper
113	100		
111	100.0	80.9	121.3
192	17.5	14.2	21.4

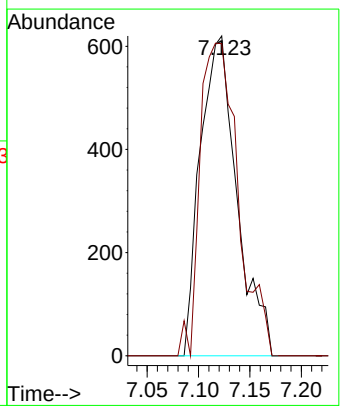


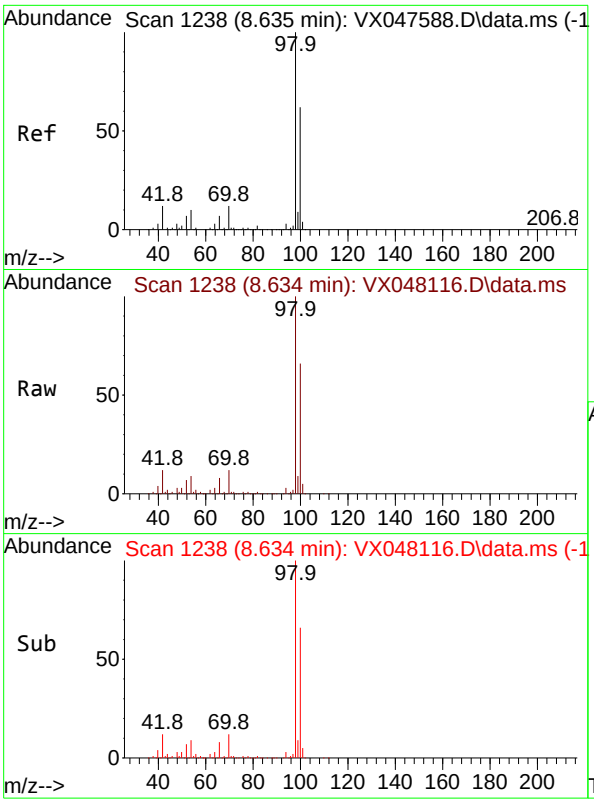


#44
Trichloroethene
Concen: 0.785 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Tgt Ion:130 Resp: 1538

Ion	Ratio	Lower	Upper
130	100		
95	106.3	0.0	210.8



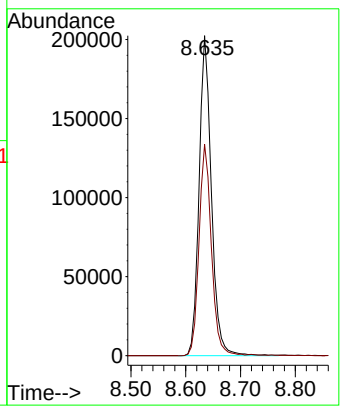


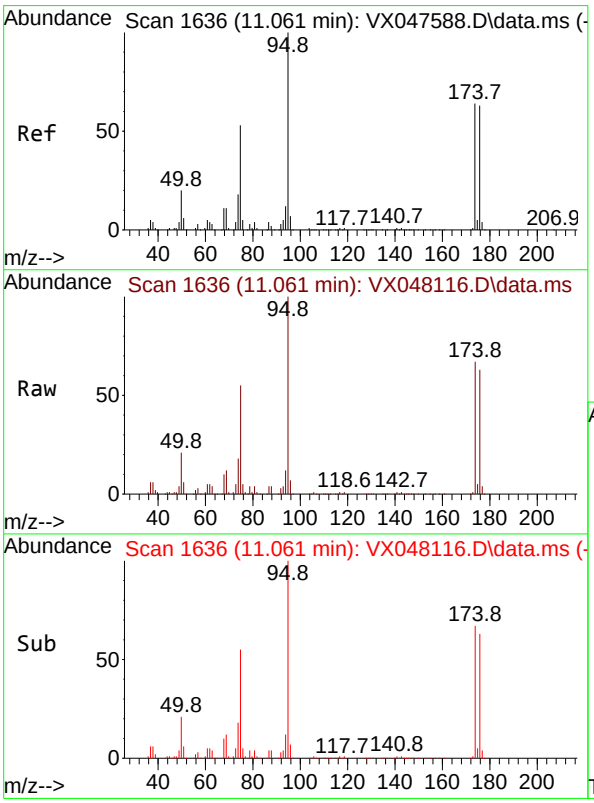
#50
Toluene-d8
Concen: 50.056 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Tgt Ion: 98 Resp: 316300

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

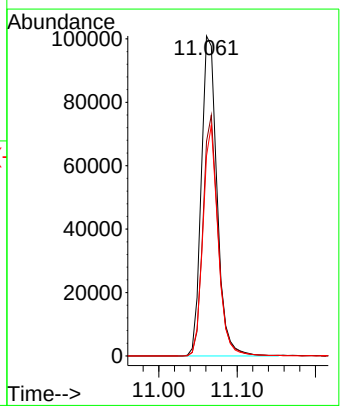


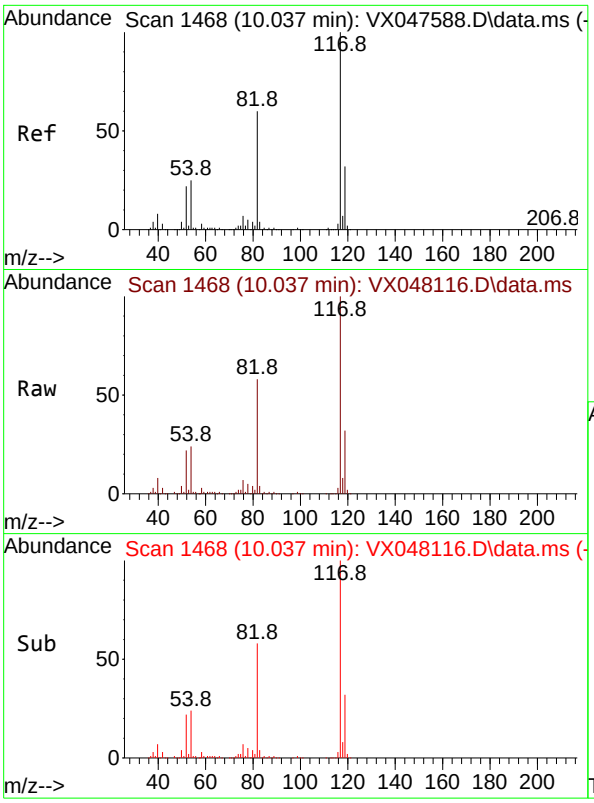


#62
4-Bromofluorobenzene
Concen: 58.575 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Tgt Ion: 95 Resp: 140471

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	141.6
176	69.6	0.0	138.4



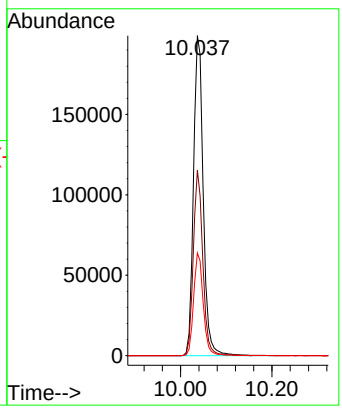


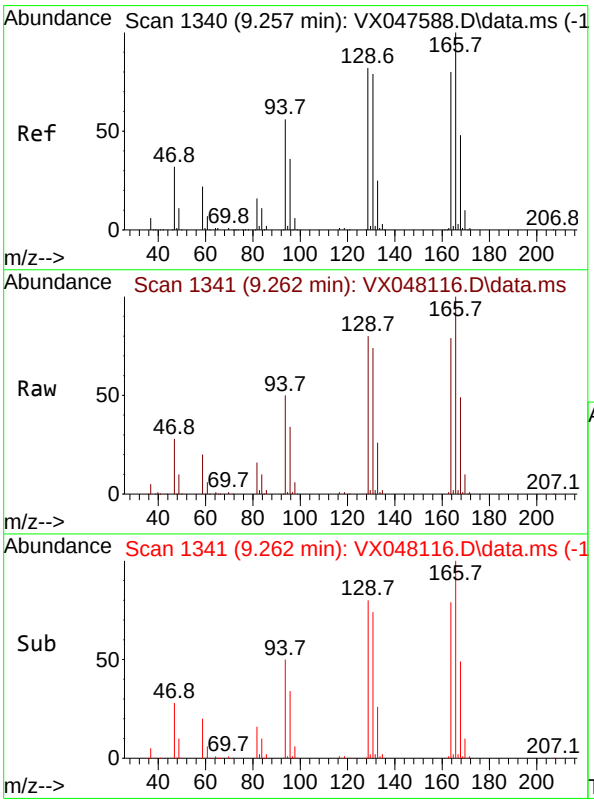
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Tgt Ion:117 Resp: 294793

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.8	71.6
119	32.1	25.2	37.8

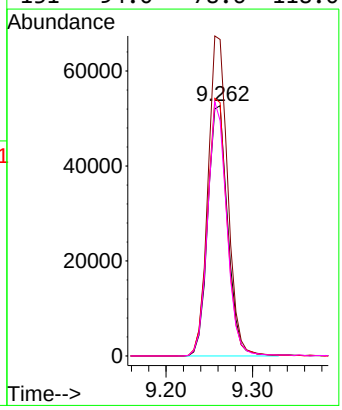


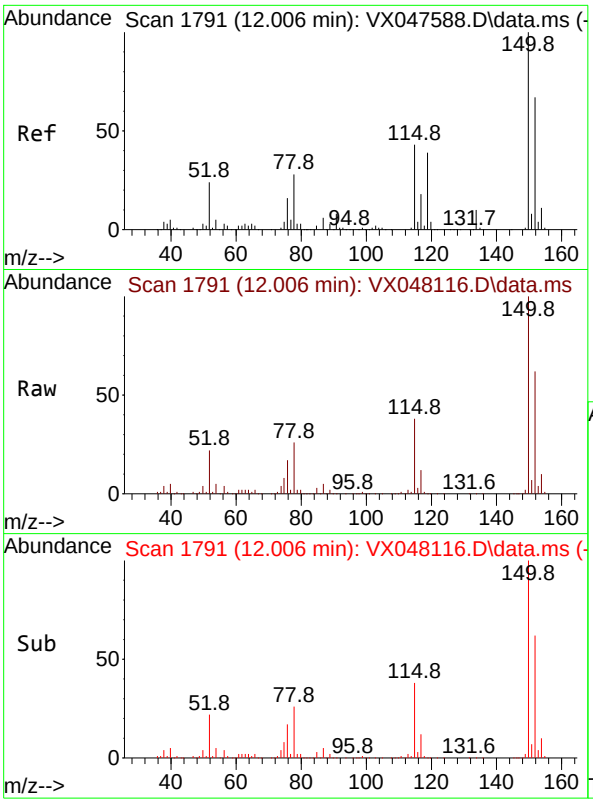


#64
Tetrachloroethene
Concen: 43.644 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Tgt Ion:164 Resp: 83873

Ion	Ratio	Lower	Upper
164	100		
166	126.5	100.2	150.2
129	101.2	81.8	122.6
131	94.0	78.6	118.0



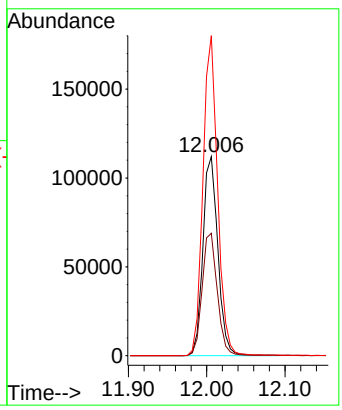


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048116.D
Acq: 10 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :
MW-101SDL

Tgt Ion:152 Resp: 148707

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.9	134.5
150	156.8	0.0	352.0



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	C-MW-3	SDG No.:	Q3311
Lab Sample ID:	Q3311-09	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 15:01	VX100925
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/09/25 15:01	VX100925
75-01-4	Vinyl Chloride	3.80		1	0.26	1.00	ug/L	10/09/25 15:01	VX100925
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/09/25 15:01	VX100925
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/09/25 15:01	VX100925
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/09/25 15:01	VX100925
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/09/25 15:01	VX100925
75-35-4	1,1-Dichloroethene	0.89	J	1	0.23	1.00	ug/L	10/09/25 15:01	VX100925
67-64-1	Acetone	2.70	J	1	1.50	5.00	ug/L	10/09/25 15:01	VX100925
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/09/25 15:01	VX100925
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/09/25 15:01	VX100925
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/09/25 15:01	VX100925
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/09/25 15:01	VX100925
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 15:01	VX100925
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/09/25 15:01	VX100925
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/09/25 15:01	VX100925
78-93-3	2-Butanone	5.60		1	0.98	5.00	ug/L	10/09/25 15:01	VX100925
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/09/25 15:01	VX100925
156-59-2	cis-1,2-Dichloroethene	6.20		1	0.19	1.00	ug/L	10/09/25 15:01	VX100925
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 15:01	VX100925
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/09/25 15:01	VX100925
71-55-6	1,1,1-Trichloroethane	6.30		1	0.20	1.00	ug/L	10/09/25 15:01	VX100925
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/09/25 15:01	VX100925
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/09/25 15:01	VX100925
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 15:01	VX100925
79-01-6	Trichloroethene	79.0		1	0.090	1.00	ug/L	10/09/25 15:01	VX100925
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/09/25 15:01	VX100925
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 15:01	VX100925
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/09/25 15:01	VX100925
108-88-3	Toluene	0.54	J	1	0.14	1.00	ug/L	10/09/25 15:01	VX100925
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/09/25 15:01	VX100925
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/09/25 15:01	VX100925
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/09/25 15:01	VX100925
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/09/25 15:01	VX100925
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/09/25 15:01	VX100925
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/09/25 15:01	VX100925
127-18-4	Tetrachloroethene	28900	E	1	0.23	1.00	ug/L	10/09/25 15:01	VX100925
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 15:01	VX100925
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/09/25 15:01	VX100925
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/09/25 15:01	VX100925
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/09/25 15:01	VX100925
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/09/25 15:01	VX100925
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/09/25 15:01	VX100925

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	C-MW-3	SDG No.:	Q3311
Lab Sample ID:	Q3311-09	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 15:01	VX100925
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/09/25 15:01	VX100925
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 15:01	VX100925
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/09/25 15:01	VX100925
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 15:01	VX100925
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/09/25 15:01	VX100925
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 15:01	VX100925
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 15:01	VX100925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.7			74 - 125	111%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.7			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	48.9			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	44.3			77 - 121	89%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	112000							
540-36-3	1,4-Difluorobenzene	233000							
3114-55-4	Chlorobenzene-d5	168000							
3855-82-1	1,4-Dichlorobenzene-d4	105000							
TENTATIVE IDENTIFIED COMPOUNDS									
630-20-6	1,1,1,2-Tetrachloroethane	14.9	J			10.1	ug/L		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048086.D
Acq On : 09 Oct 2025 15:01
Operator : JC/MD
Sample : Q3311-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Quant Time: Oct 10 01:25:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

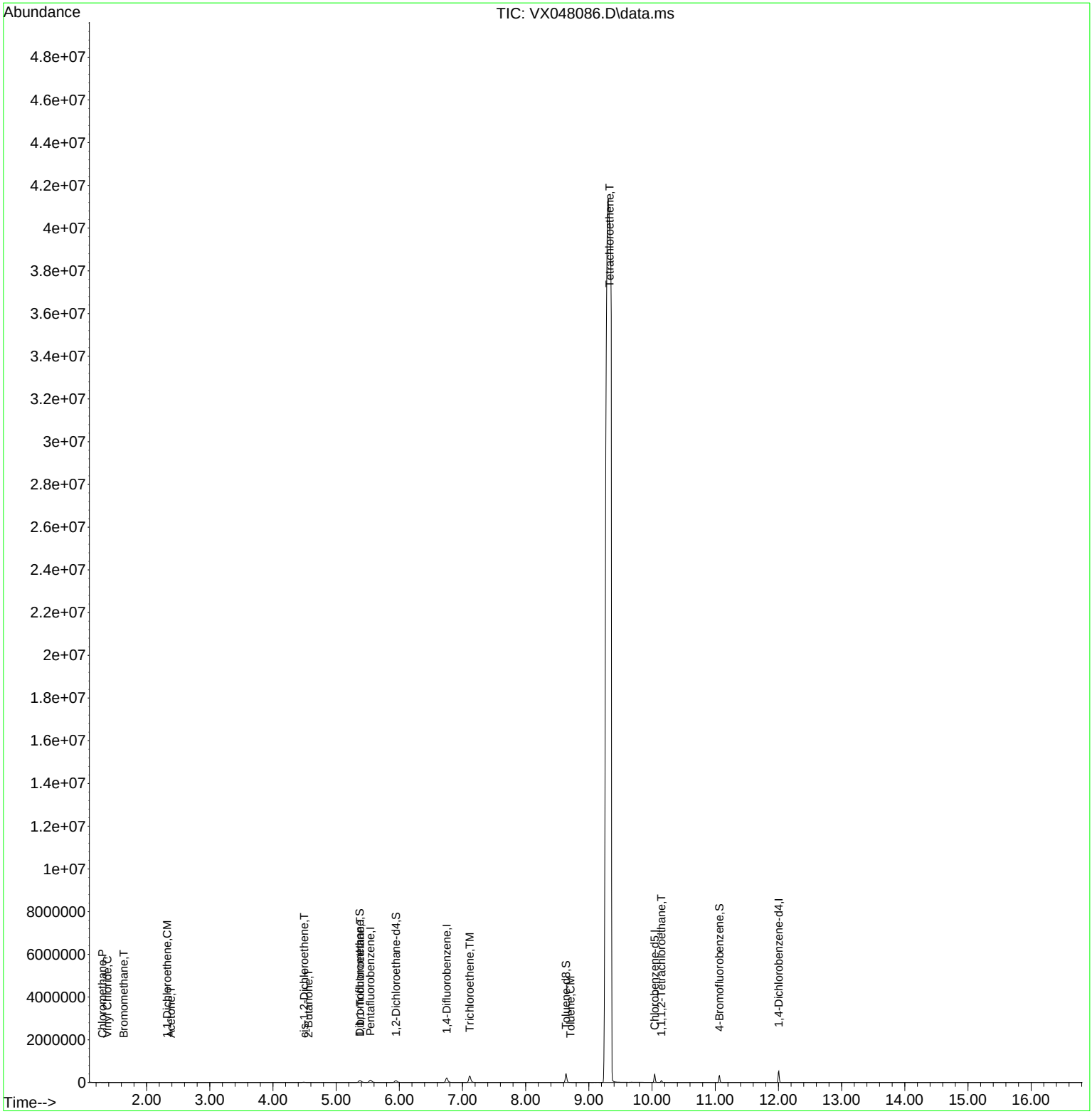
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	112301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	232634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.043	117	167533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	104628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99618	55.729	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.460%			
35) Dibromofluoromethane	5.373	113	79043	50.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.320%			
50) Toluene-d8	8.640	98	263771	48.860	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.720%			
62) 4-Bromofluorobenzene	11.067	95	90699	44.269	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.540%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	436	0.285	ug/l	95
4) Vinyl Chloride	1.379	62	5633	3.765	ug/l	99
5) Bromomethane	1.636	94	496	0.523	ug/l #	76
12) 1,1-Dichloroethene	2.324	96	1188	0.890	ug/l #	76
16) Acetone	2.385	43	2109	2.713	ug/l #	84
25) 2-Butanone	4.562	43	5414	5.584	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	10874	6.181	ug/l	89
32) 1,1,1-Trichloroethane	5.379	97	15212	6.258	ug/l	98
44) Trichloroethene	7.116	130	132167	78.951	ug/l	94
52) Toluene	8.707	92	2320	0.544	ug/l	93
64) Tetrachloroethene	9.329	164	31541329	28880.321	ug/l	88
66) 1,1,1,2-Tetrachloroethane	10.146	131	19582	14.910	ug/l	98

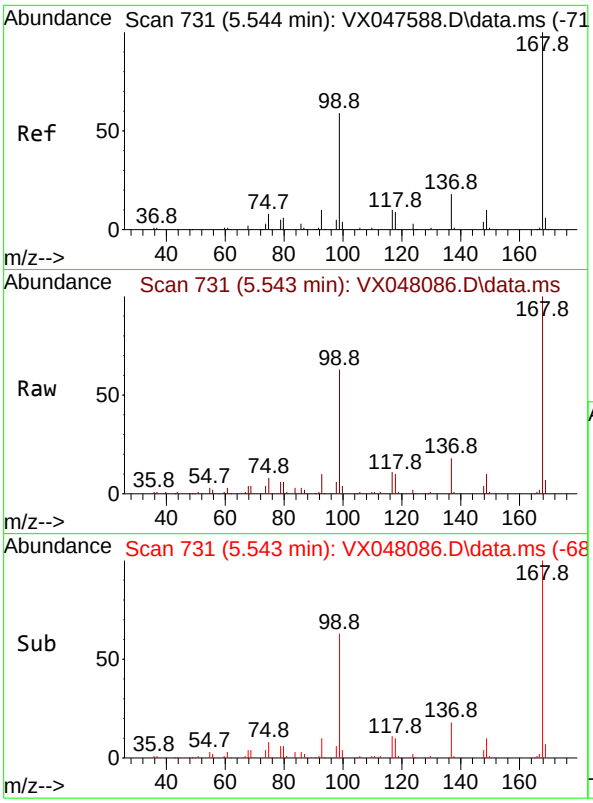
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048086.D
Acq On : 09 Oct 2025 15:01
Operator : JC/MD
Sample : Q3311-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Quant Time: Oct 10 01:25:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



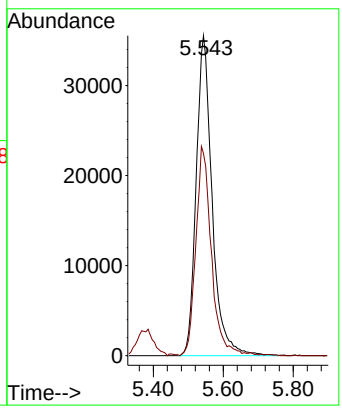


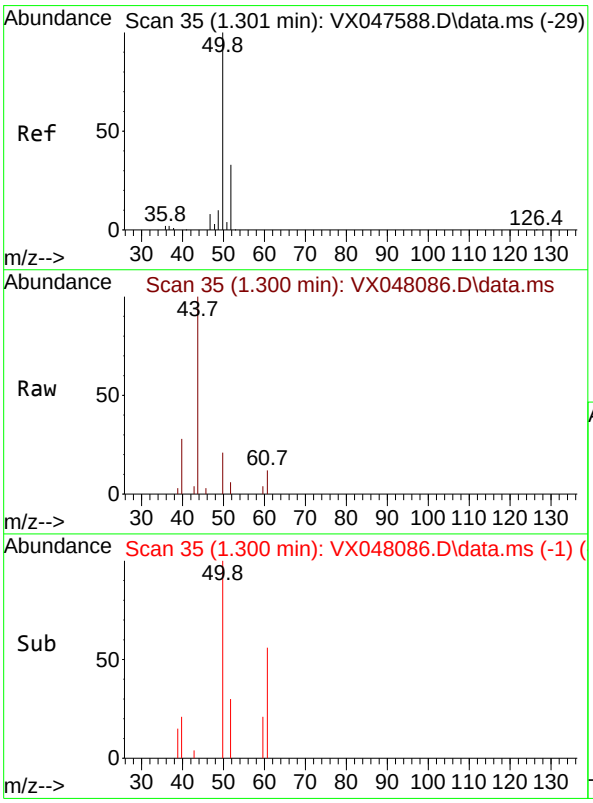
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Tgt Ion:168 Resp: 112301

Ion	Ratio	Lower	Upper
168	100		
99	63.0	48.8	73.2

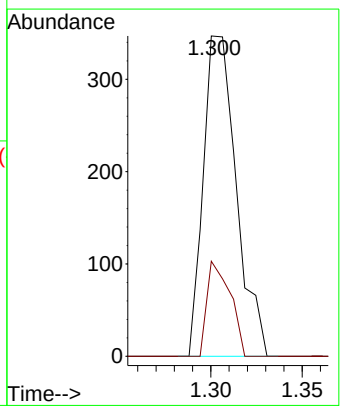


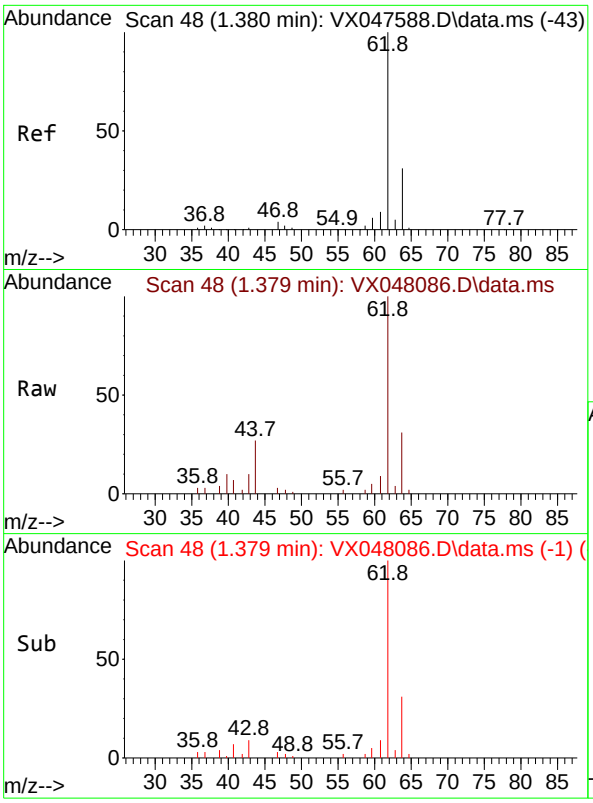


#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Tgt Ion: 50 Resp: 436

Ion	Ratio	Lower	Upper
50	100		
52	29.7	26.1	39.1



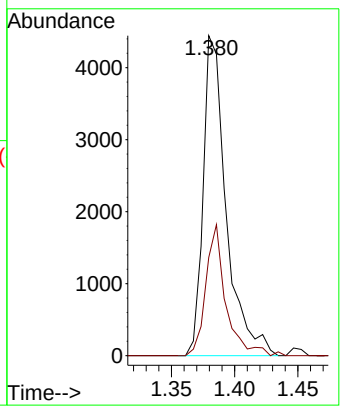


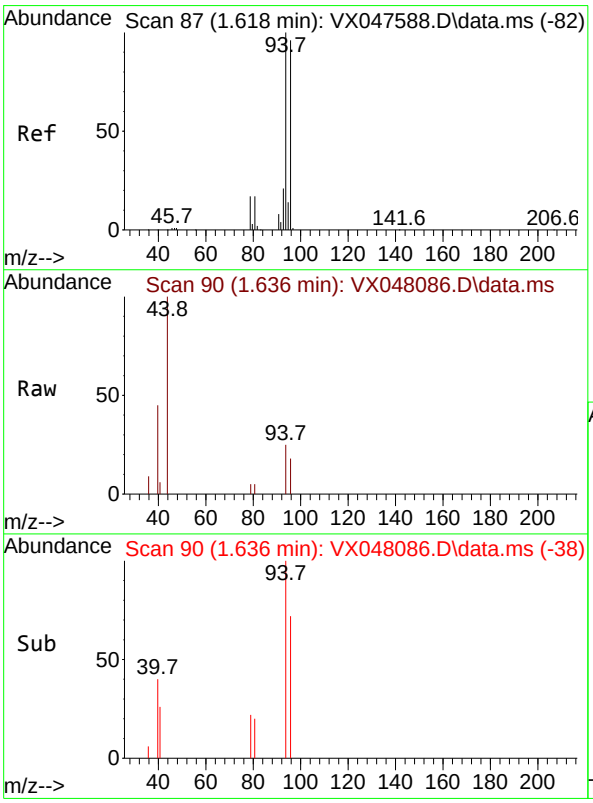
#4
Vinyl Chloride
Concen: 3.765 ug/l
RT: 1.379 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Tgt Ion: 62 Resp: 5633

Ion	Ratio	Lower	Upper
62	100		
64	30.7	24.9	37.3

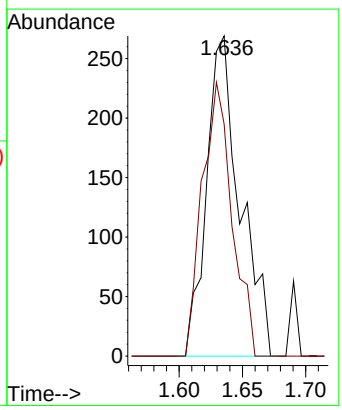


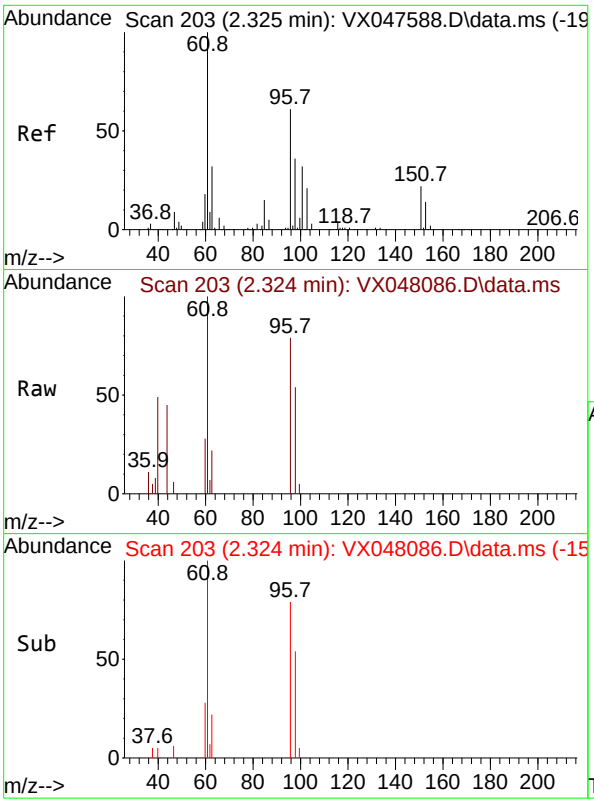


#5
Bromomethane
Concen: 0.523 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.018 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Tgt Ion: 94 Resp: 496

Ion	Ratio	Lower	Upper
94	100		
96	72.5	76.6	115.0#



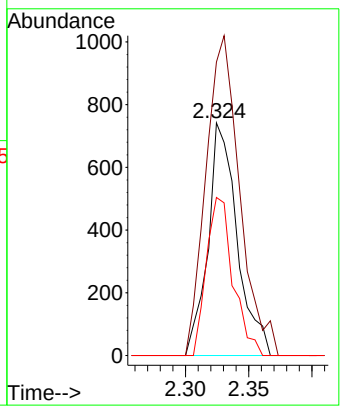


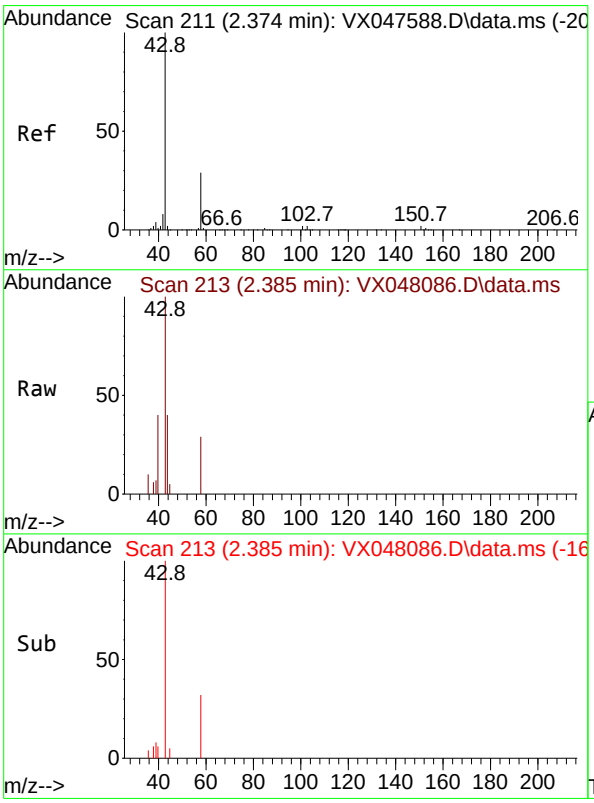
#12
1,1-Dichloroethene
Concen: 0.890 ug/l
RT: 2.324 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Tgt Ion: 96 Resp: 1188

Ion	Ratio	Lower	Upper
96	100		
61	126.1	131.0	196.6#
98	67.9	47.7	71.5

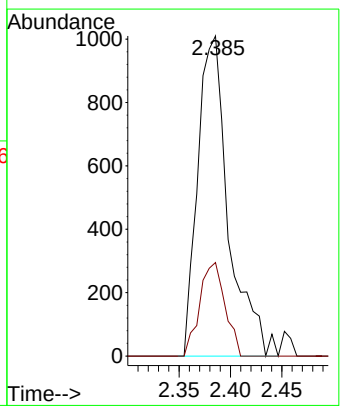


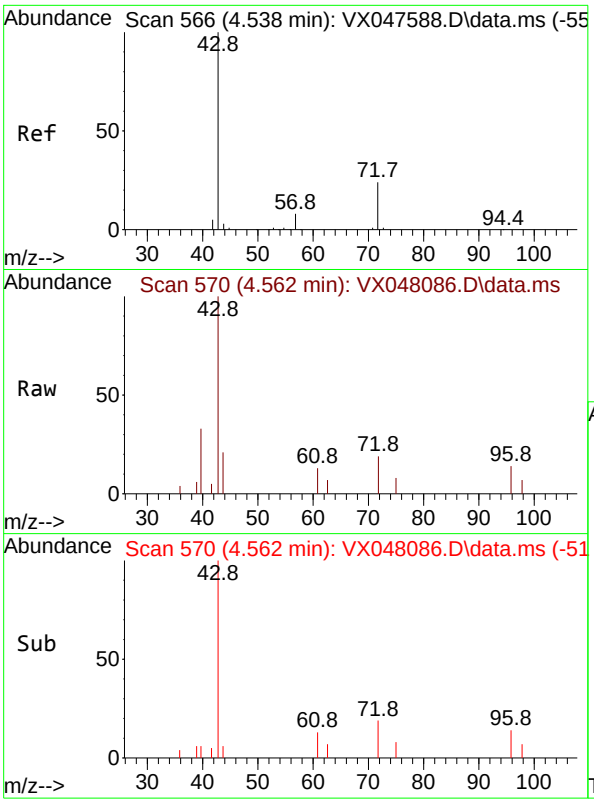


#16
Acetone
Concen: 2.713 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Tgt Ion: 43 Resp: 2109

Ion	Ratio	Lower	Upper
43	100		
58	20.9	23.4	35.0#



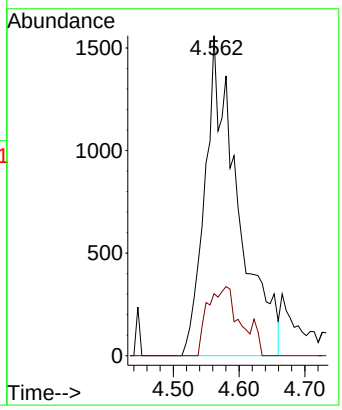


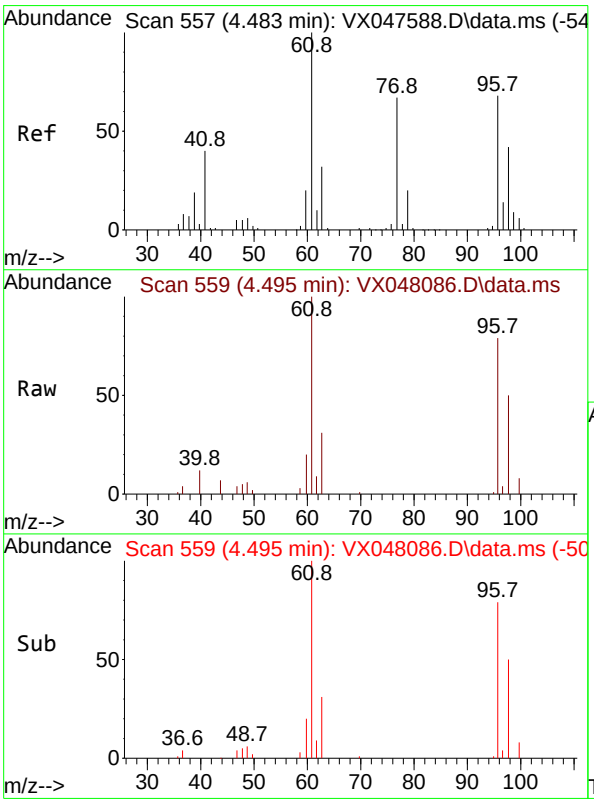
#25
2-Butanone
Concen: 5.584 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Tgt Ion: 43 Resp: 5414

Ion	Ratio	Lower	Upper
43	100		
72	16.0	20.1	30.1#

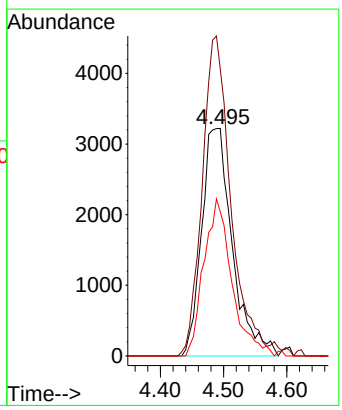


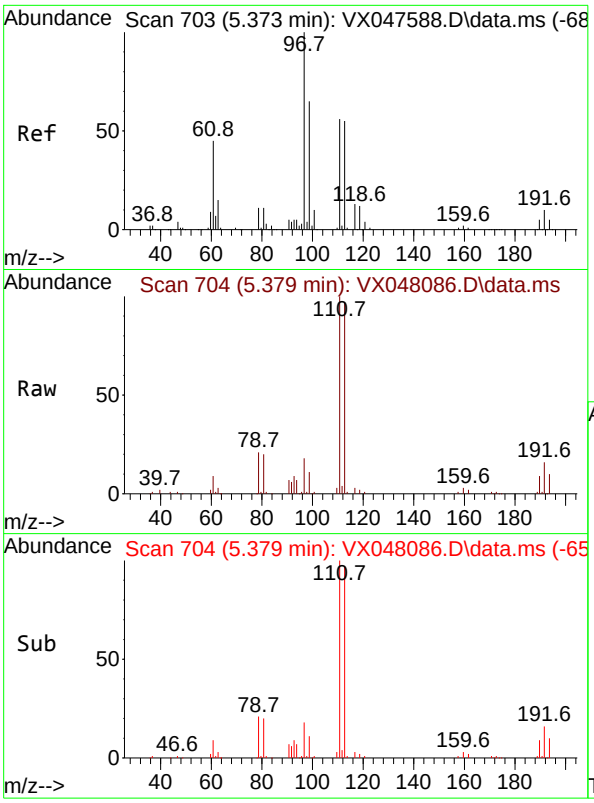


#27
cis-1,2-Dichloroethene
Concen: 6.181 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Tgt Ion: 96 Resp: 10874

Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	303.2
98	62.7	0.0	127.8



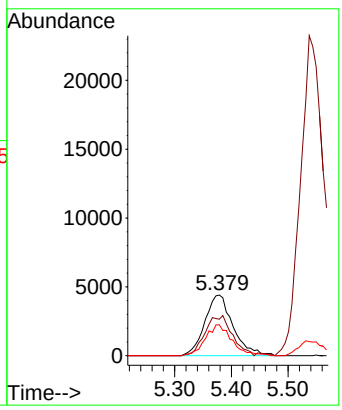


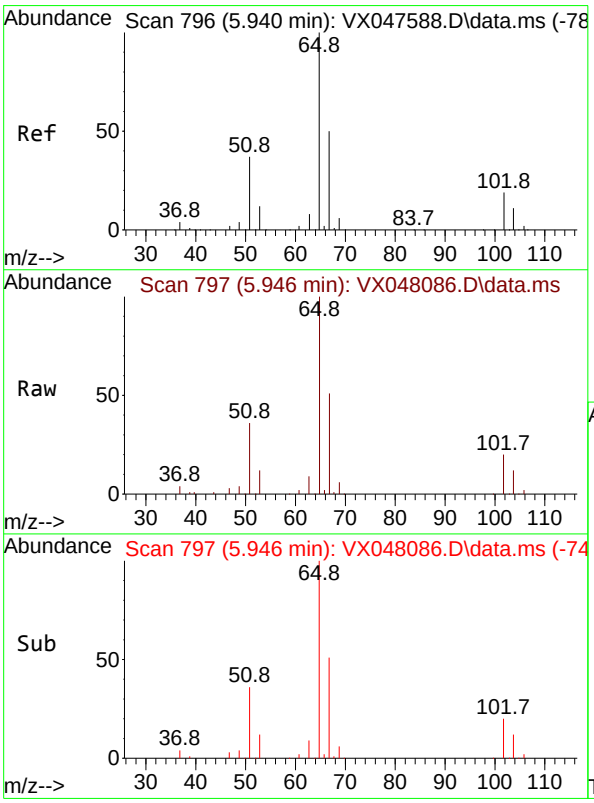
#32
1,1,1-Trichloroethane
Concen: 6.258 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Tgt Ion: 97 Resp: 15212

Ion	Ratio	Lower	Upper
97	100		
99	63.4	50.6	76.0
61	47.9	35.8	53.8

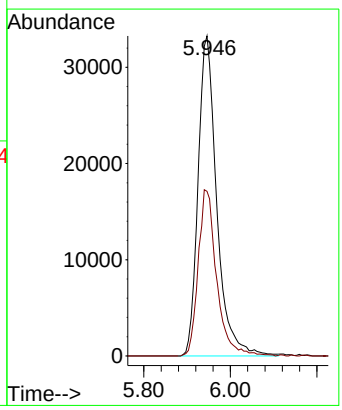


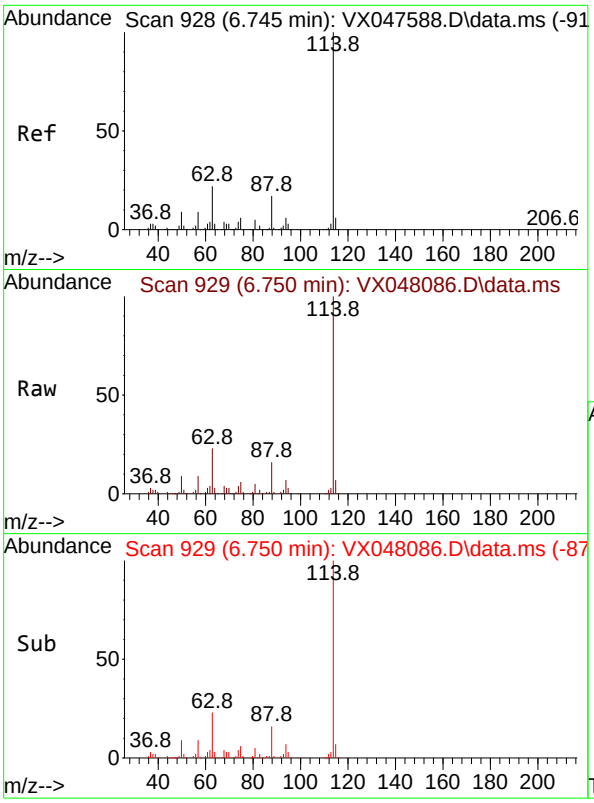


#33
1,2-Dichloroethane-d4
Concen: 55.729 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Tgt Ion: 65 Resp: 99618

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0



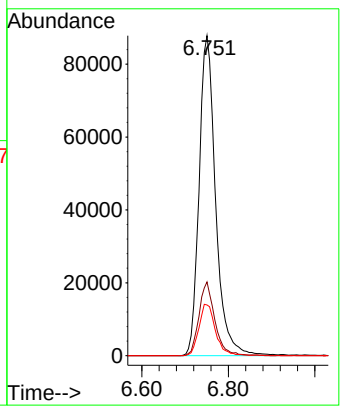


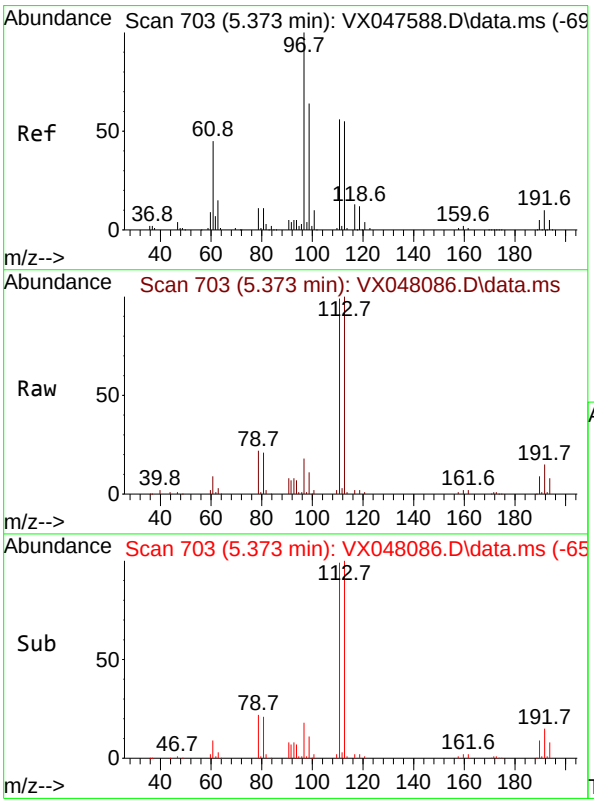
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Tgt Ion:114 Resp: 232634

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	44.0
88	15.9	0.0	34.2

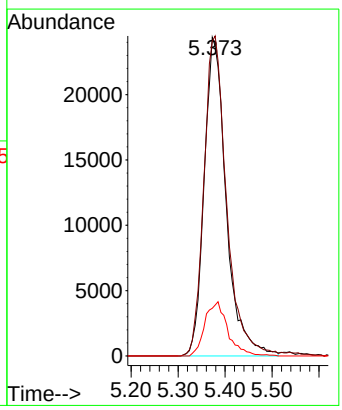


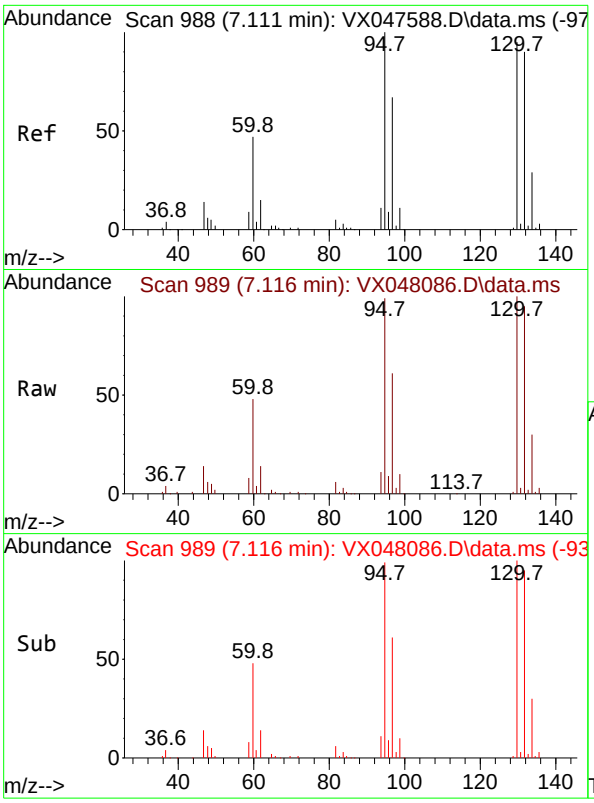


#35
Dibromofluoromethane
Concen: 50.663 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Tgt Ion:113 Resp: 79043

Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.9	121.3
192	17.8	14.2	21.4



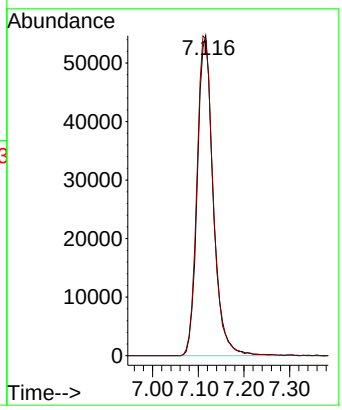


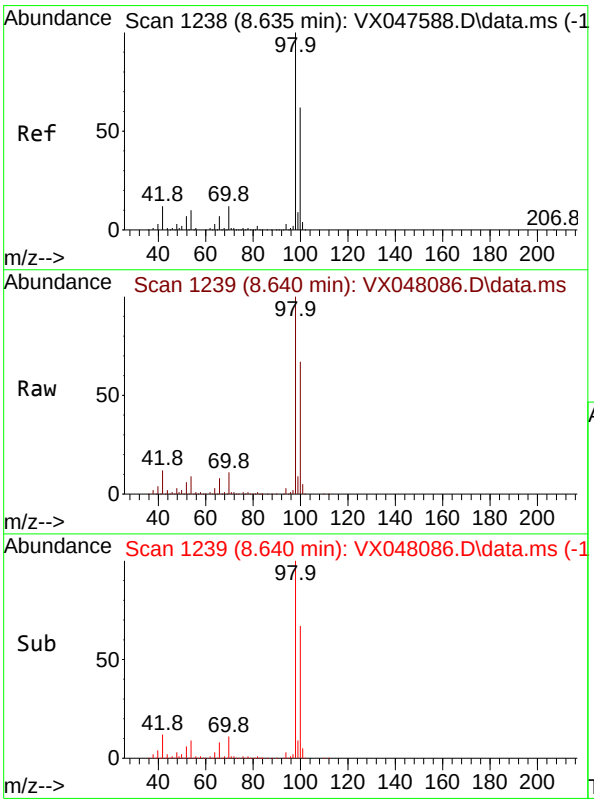
#44
Trichloroethene
Concen: 78.951 ug/l
RT: 7.116 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Tgt Ion:130 Resp: 132167

Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	210.8

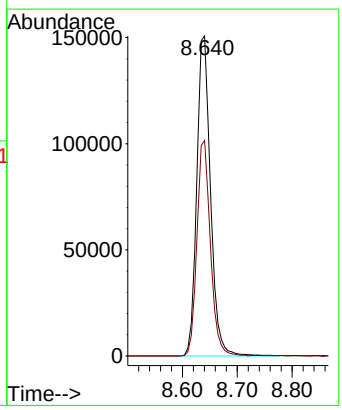


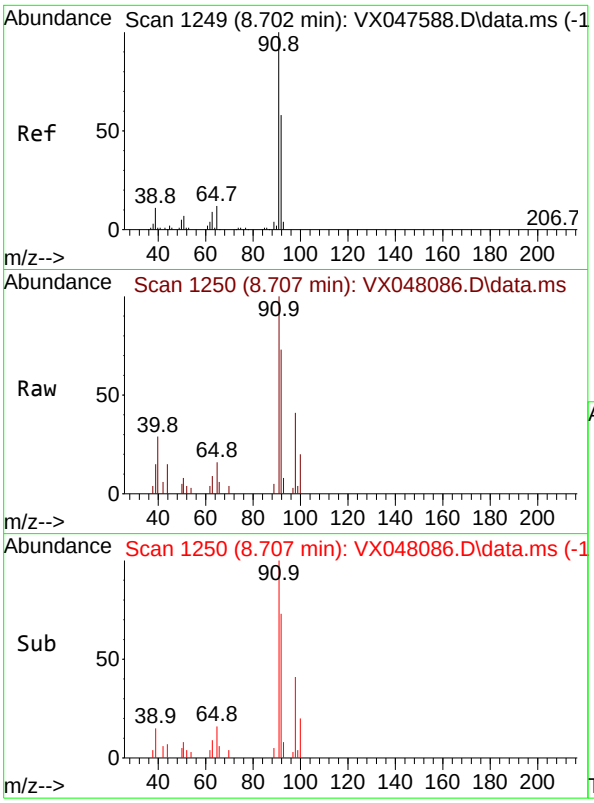


#50
Toluene-d8
Concen: 48.860 ug/l
RT: 8.640 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Tgt Ion: 98 Resp: 263771

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.0	79.4



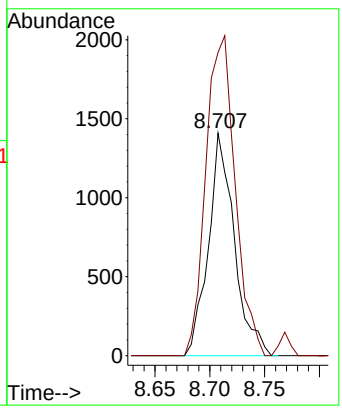


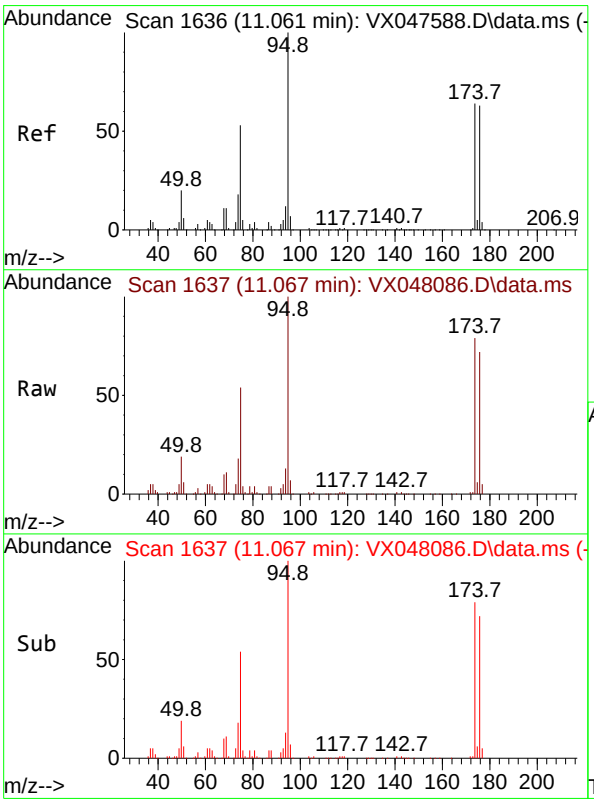
#52
Toluene
Concen: 0.544 ug/l
RT: 8.707 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Tgt Ion: 92 Resp: 2320

Ion	Ratio	Lower	Upper
92	100		
91	162.4	137.1	205.7

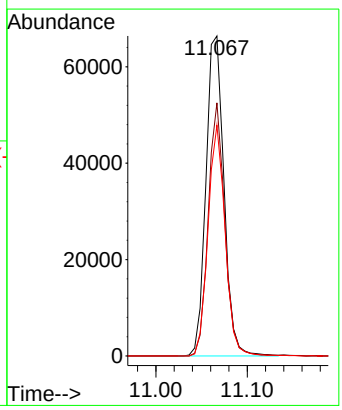


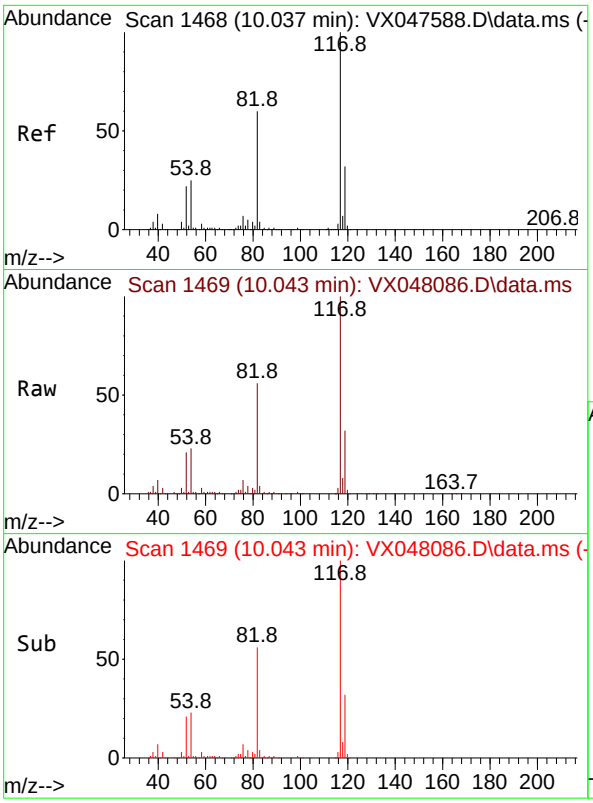


#62
4-Bromofluorobenzene
Concen: 44.269 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Tgt Ion: 95 Resp: 90699

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.6
176	68.3	0.0	138.4



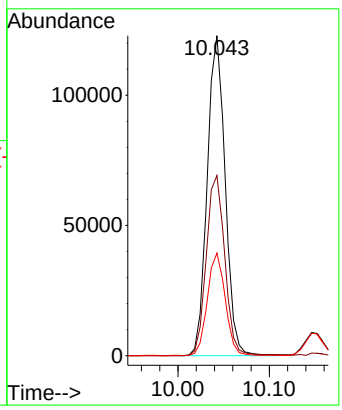


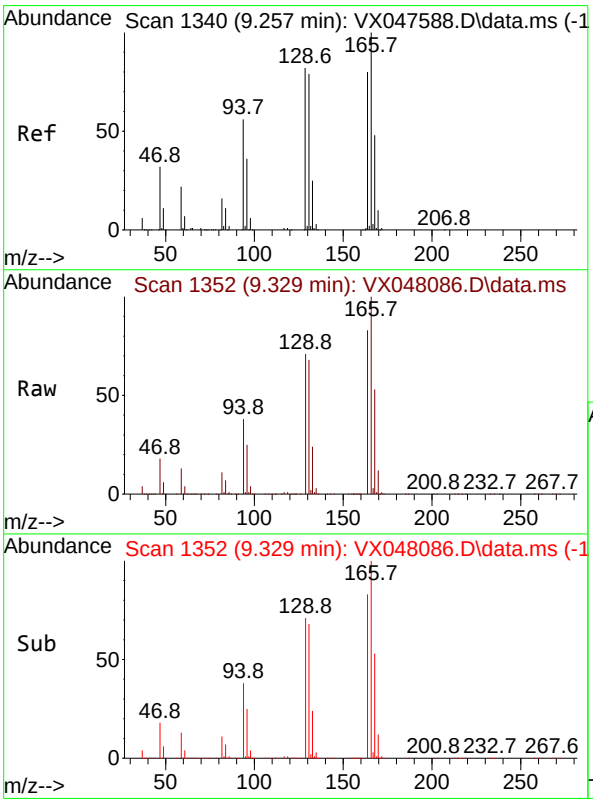
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.043 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Tgt Ion:117 Resp: 167533

Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.8	71.6
119	32.0	25.2	37.8

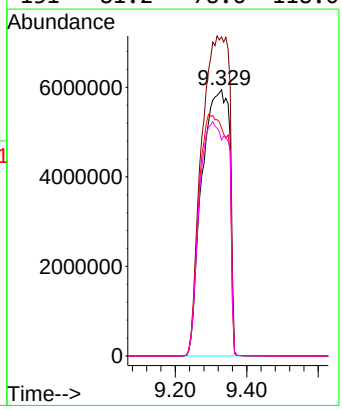


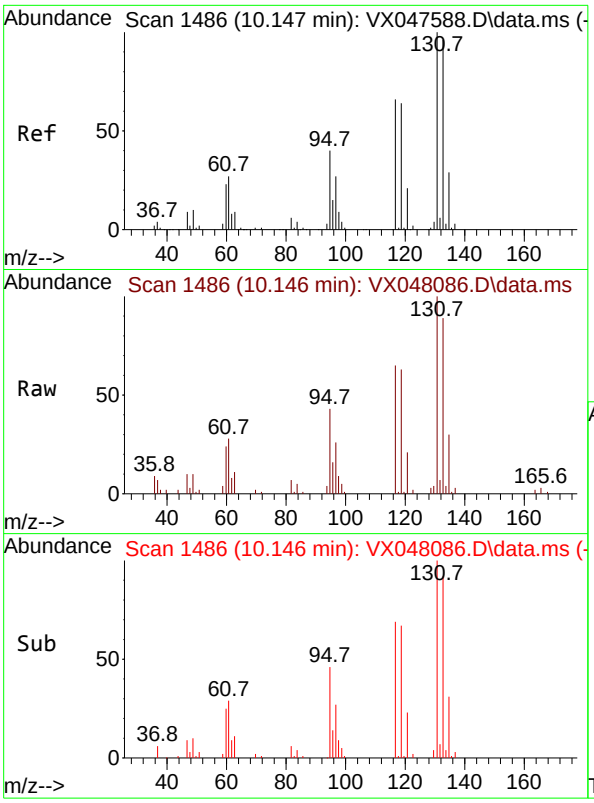


#64
Tetrachloroethene
Concen: 28880.321 ug/l
RT: 9.329 min Scan# 1352
Delta R.T. 0.073 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Tgt Ion:164 Resp:31541329

Ion	Ratio	Lower	Upper
164	100		
166	119.8	100.2	150.2
129	85.6	81.8	122.6
131	81.2	78.6	118.0



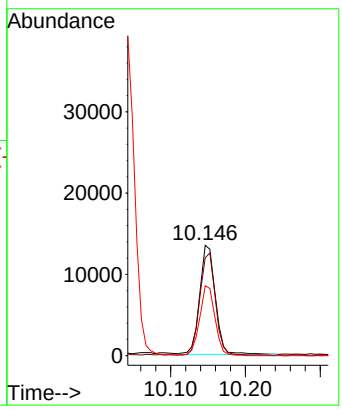


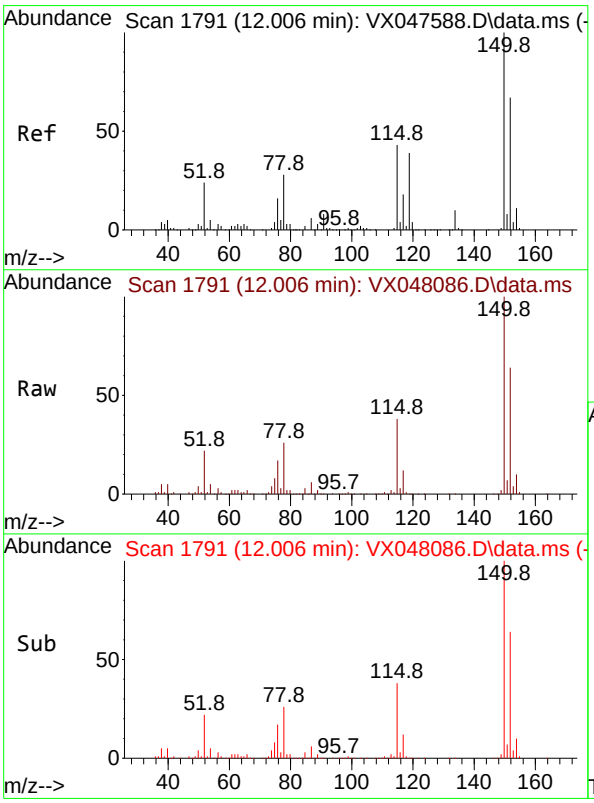
#66
1,1,1,2-Tetrachloroethane
Concen: 14.910 ug/l
RT: 10.146 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Tgt Ion:131 Resp: 19582

Ion	Ratio	Lower	Upper
131	100		
133	92.2	47.3	142.0
119	62.7	32.0	96.0

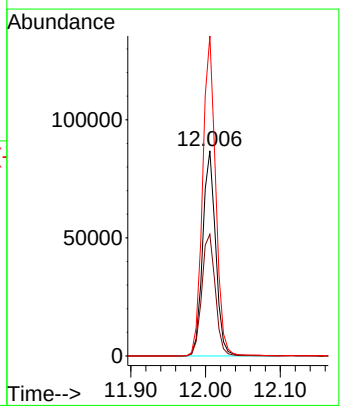




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048086.D
Acq: 09 Oct 2025 15:01

Tgt Ion:152 Resp: 104628

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.9	134.5
150	156.5	0.0	352.0



Sample Results: **VX048086.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048086.D
Acq On : 09 Oct 2025 15:01
Operator : JC/MD
Sample : Q3311-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	9.305	1333	1348	1355	rBV8	41368819	217347330	100.00%	100.000%

Sum of corrected areas: 217347330

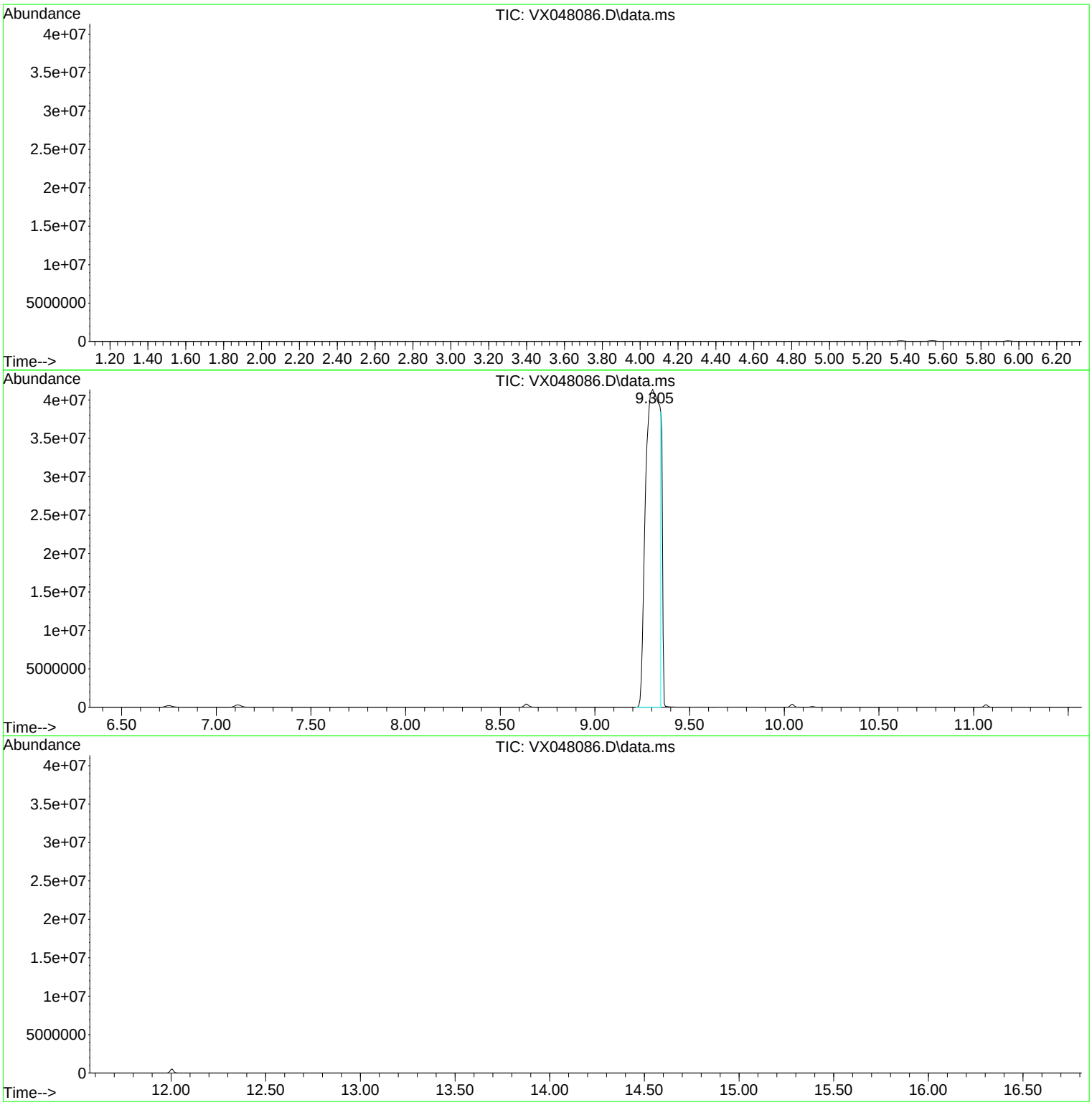
Sample Results: **VX048086.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048086.D
Acq On : 09 Oct 2025 15:01
Operator : JC/MD
Sample : Q3311-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048086.D
Acq On : 09 Oct 2025 15:01
Operator : JC/MD
Sample : Q3311-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048086.D
Acq On : 09 Oct 2025 15:01
Operator : JC/MD
Sample : Q3311-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	C-MW-3DL	SDG No.:	Q3311
Lab Sample ID:	Q3311-09DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	500	UD	500	110	500	ug/L	10/10/25 17:16	VX101025
74-87-3	Chloromethane	500	UD	500	160	500	ug/L	10/10/25 17:16	VX101025
75-01-4	Vinyl Chloride	500	UD	500	130	500	ug/L	10/10/25 17:16	VX101025
74-83-9	Bromomethane	2500	UD	500	720	2500	ug/L	10/10/25 17:16	VX101025
75-00-3	Chloroethane	500	UD	500	240	500	ug/L	10/10/25 17:16	VX101025
75-69-4	Trichlorofluoromethane	500	UD	500	170	500	ug/L	10/10/25 17:16	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	500	UD	500	130	500	ug/L	10/10/25 17:16	VX101025
75-35-4	1,1-Dichloroethene	500	UD	500	120	500	ug/L	10/10/25 17:16	VX101025
67-64-1	Acetone	2500	UD	500	760	2500	ug/L	10/10/25 17:16	VX101025
75-15-0	Carbon Disulfide	500	UD	500	110	500	ug/L	10/10/25 17:16	VX101025
1634-04-4	Methyl tert-butyl Ether	500	UD	500	80.0	500	ug/L	10/10/25 17:16	VX101025
79-20-9	Methyl Acetate	500	UD	500	140	500	ug/L	10/10/25 17:16	VX101025
75-09-2	Methylene Chloride	500	UD	500	140	500	ug/L	10/10/25 17:16	VX101025
156-60-5	trans-1,2-Dichloroethene	500	UD	500	120	500	ug/L	10/10/25 17:16	VX101025
75-34-3	1,1-Dichloroethane	500	UD	500	120	500	ug/L	10/10/25 17:16	VX101025
110-82-7	Cyclohexane	2500	UD	500	730	2500	ug/L	10/10/25 17:16	VX101025
78-93-3	2-Butanone	2500	UD	500	490	2500	ug/L	10/10/25 17:16	VX101025
56-23-5	Carbon Tetrachloride	500	UD	500	130	500	ug/L	10/10/25 17:16	VX101025
156-59-2	cis-1,2-Dichloroethene	500	UD	500	95.0	500	ug/L	10/10/25 17:16	VX101025
74-97-5	Bromochloromethane	500	UD	500	110	500	ug/L	10/10/25 17:16	VX101025
67-66-3	Chloroform	500	UD	500	130	500	ug/L	10/10/25 17:16	VX101025
71-55-6	1,1,1-Trichloroethane	500	UD	500	100	500	ug/L	10/10/25 17:16	VX101025
108-87-2	Methylcyclohexane	500	UD	500	80.0	500	ug/L	10/10/25 17:16	VX101025
71-43-2	Benzene	500	UD	500	75.0	500	ug/L	10/10/25 17:16	VX101025
107-06-2	1,2-Dichloroethane	500	UD	500	110	500	ug/L	10/10/25 17:16	VX101025
79-01-6	Trichloroethene	500	UD	500	46.5	500	ug/L	10/10/25 17:16	VX101025
78-87-5	1,2-Dichloropropane	500	UD	500	100	500	ug/L	10/10/25 17:16	VX101025
75-27-4	Bromodichloromethane	500	UD	500	110	500	ug/L	10/10/25 17:16	VX101025
108-10-1	4-Methyl-2-Pentanone	2500	UD	500	340	2500	ug/L	10/10/25 17:16	VX101025
108-88-3	Toluene	500	UD	500	70.0	500	ug/L	10/10/25 17:16	VX101025
10061-02-6	t-1,3-Dichloropropene	500	UD	500	85.0	500	ug/L	10/10/25 17:16	VX101025
10061-01-5	cis-1,3-Dichloropropene	500	UD	500	80.0	500	ug/L	10/10/25 17:16	VX101025
79-00-5	1,1,2-Trichloroethane	500	UD	500	110	500	ug/L	10/10/25 17:16	VX101025
591-78-6	2-Hexanone	2500	UD	500	450	2500	ug/L	10/10/25 17:16	VX101025
124-48-1	Dibromochloromethane	500	UD	500	90.0	500	ug/L	10/10/25 17:16	VX101025
106-93-4	1,2-Dibromoethane	500	UD	500	75.0	500	ug/L	10/10/25 17:16	VX101025
127-18-4	Tetrachloroethene	47200	D	500	120	500	ug/L	10/10/25 17:16	VX101025
108-90-7	Chlorobenzene	500	UD	500	60.0	500	ug/L	10/10/25 17:16	VX101025
100-41-4	Ethyl Benzene	500	UD	500	65.0	500	ug/L	10/10/25 17:16	VX101025
179601-23-1	m/p-Xylenes	1000	UD	500	120	1000	ug/L	10/10/25 17:16	VX101025
95-47-6	o-Xylene	500	UD	500	60.0	500	ug/L	10/10/25 17:16	VX101025
100-42-5	Styrene	500	UD	500	75.0	500	ug/L	10/10/25 17:16	VX101025
75-25-2	Bromoform	500	UD	500	95.0	500	ug/L	10/10/25 17:16	VX101025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	C-MW-3DL	SDG No.:	Q3311
Lab Sample ID:	Q3311-09DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	500	UD	500	60.0	500	ug/L	10/10/25 17:16	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	500	UD	500	130	500	ug/L	10/10/25 17:16	VX101025
541-73-1	1,3-Dichlorobenzene	500	UD	500	80.0	500	ug/L	10/10/25 17:16	VX101025
106-46-7	1,4-Dichlorobenzene	500	UD	500	95.0	500	ug/L	10/10/25 17:16	VX101025
95-50-1	1,2-Dichlorobenzene	500	UD	500	80.0	500	ug/L	10/10/25 17:16	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	500	UD	500	270	500	ug/L	10/10/25 17:16	VX101025
120-82-1	1,2,4-Trichlorobenzene	500	UD	500	100	500	ug/L	10/10/25 17:16	VX101025
87-61-6	1,2,3-Trichlorobenzene	500	UD	500	100	500	ug/L	10/10/25 17:16	VX101025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.4			74 - 125	107%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.4			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	49.3			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.6			77 - 121	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	131000							
540-36-3	1,4-Difluorobenzene	270000							
3114-55-4	Chlorobenzene-d5	285000							
3855-82-1	1,4-Dichlorobenzene-d4	146000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048118.D
Acq On : 10 Oct 2025 17:16
Operator : JC/MD
Sample : Q3311-09DL 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Quant Time: Oct 10 23:52:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

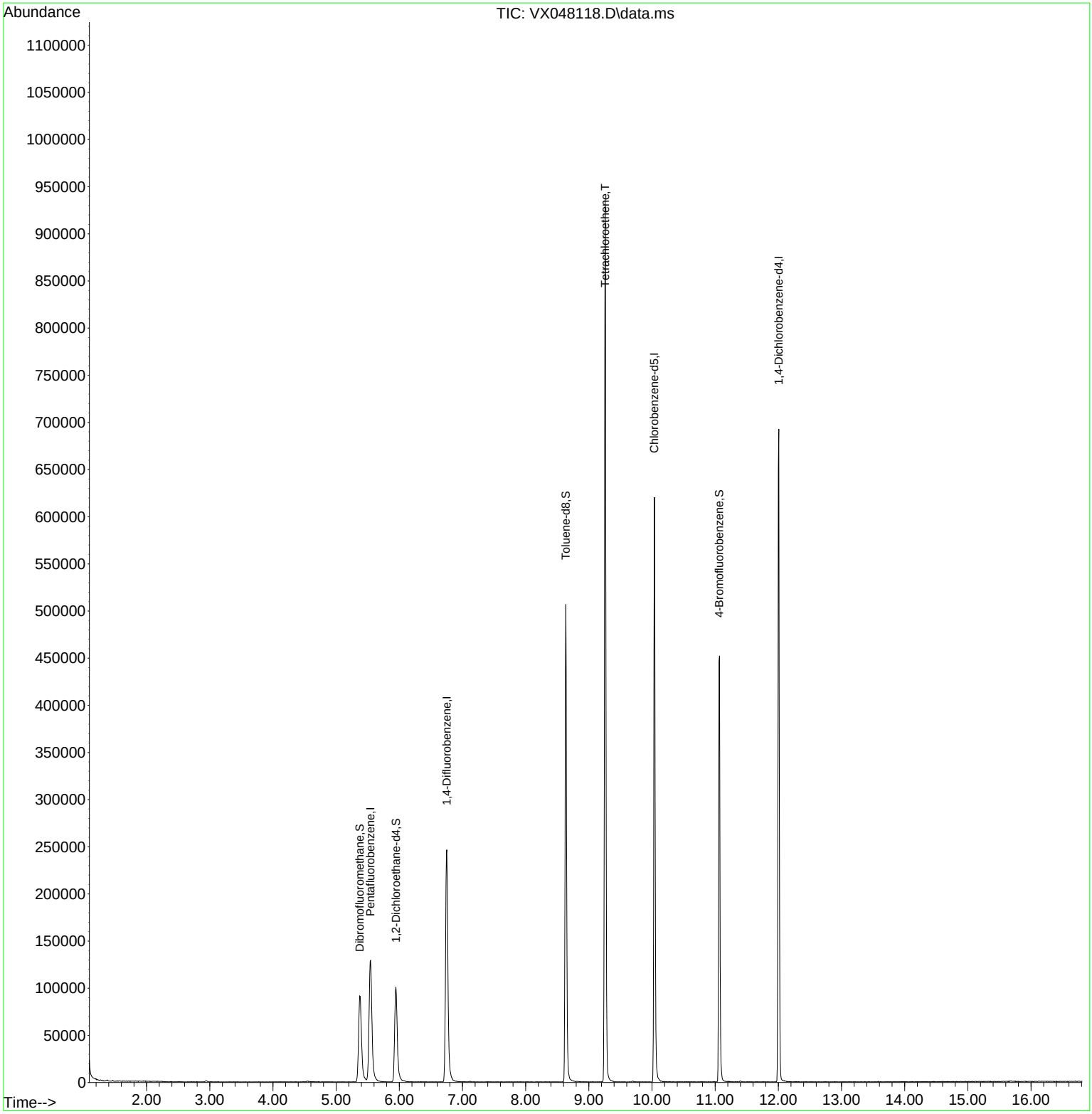
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	130759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	269905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	284581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111045	53.352	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.700%			
35) Dibromofluoromethane	5.373	113	91307	50.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	8.635	98	308815	49.305	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.600%			
62) 4-Bromofluorobenzene	11.061	95	134626	56.635	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.280%			
Target Compounds						Qvalue
64) Tetrachloroethene	9.257	164	175208	94.443	ug/l	98

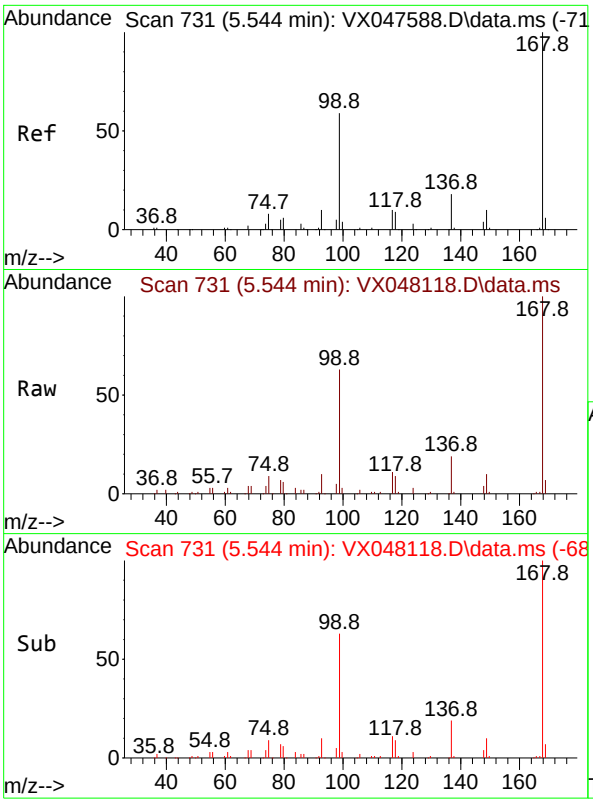
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048118.D
Acq On : 10 Oct 2025 17:16
Operator : JC/MD
Sample : Q3311-09DL 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Quant Time: Oct 10 23:52:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



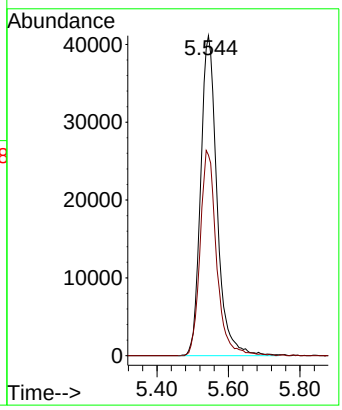


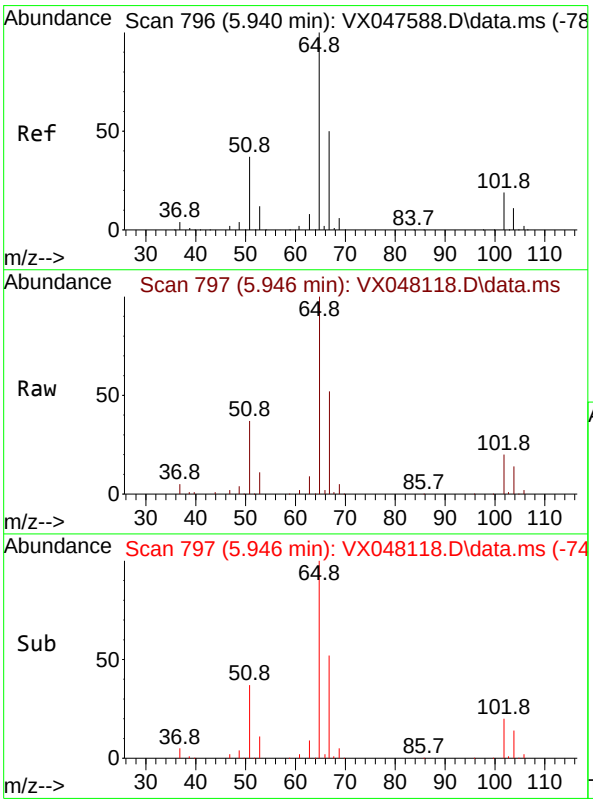
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Tgt Ion:168 Resp: 130759

Ion	Ratio	Lower	Upper
168	100		
99	62.7	48.8	73.2

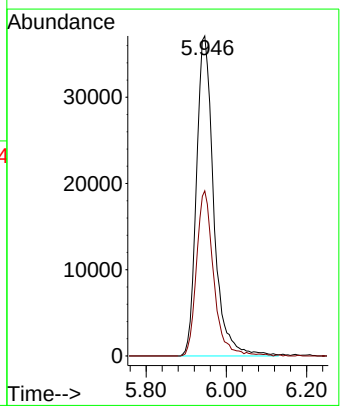


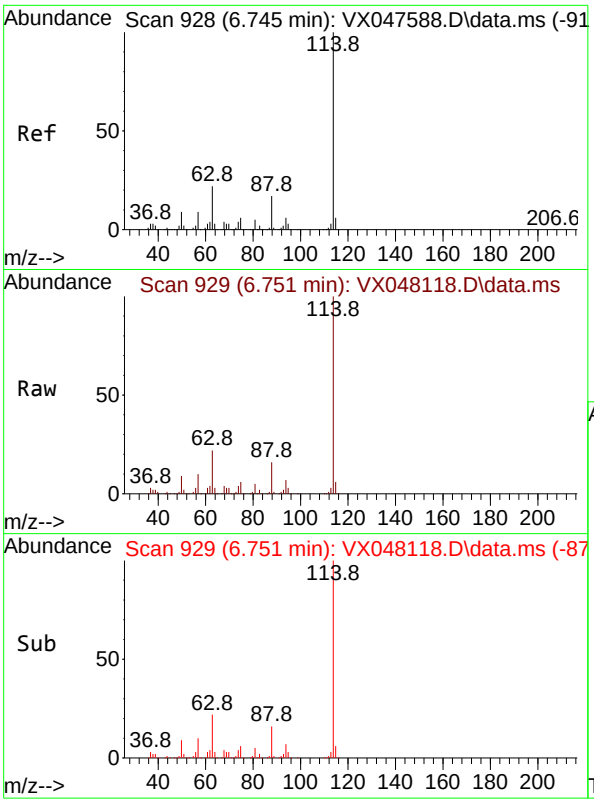


#33
1,2-Dichloroethane-d4
Concen: 53.352 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion: 65 Resp: 111045

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0



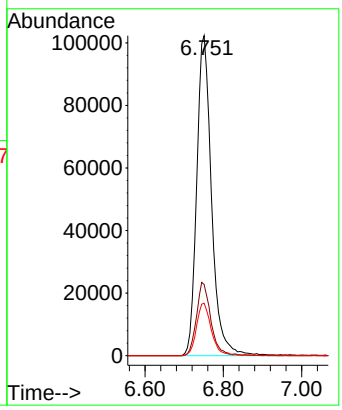


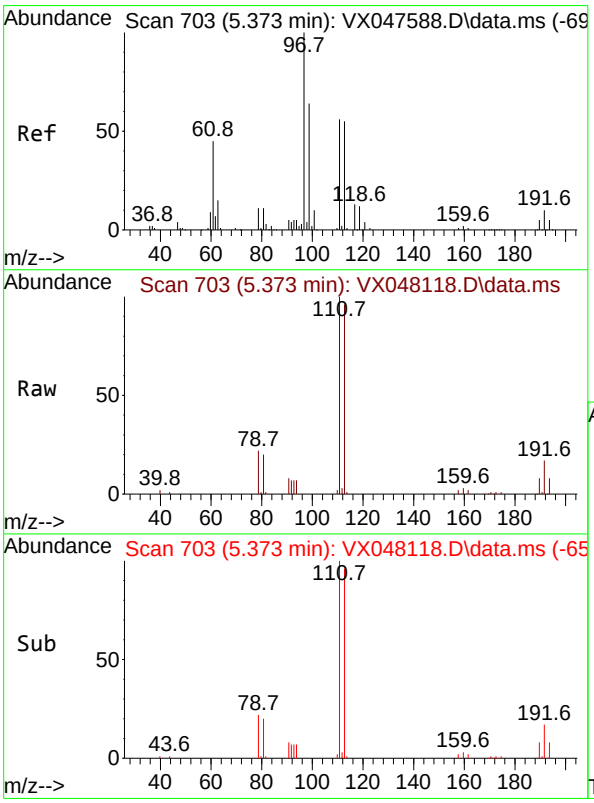
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Tgt Ion:114 Resp: 269905

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.4	0.0	34.2

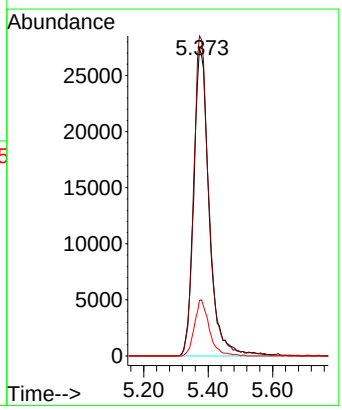


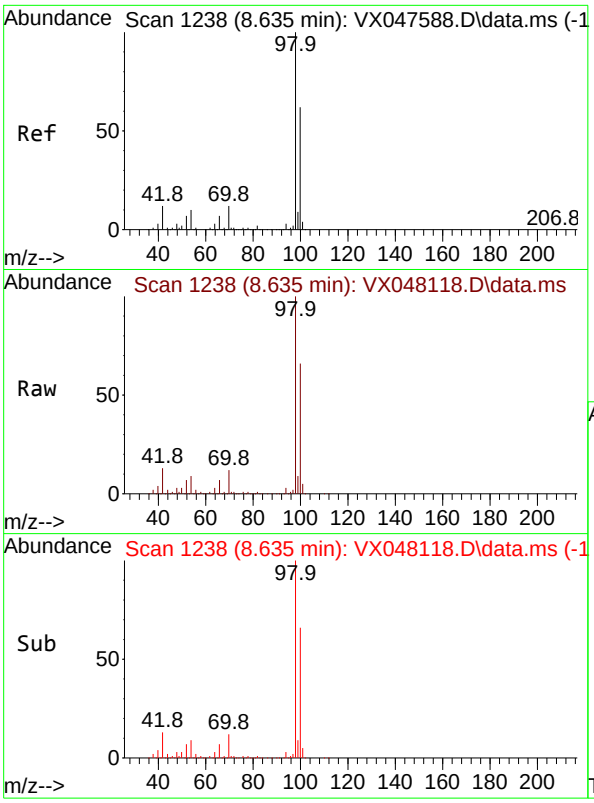


#35
Dibromofluoromethane
Concen: 50.442 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion:113 Resp: 91307

Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.9	121.3
192	17.4	14.2	21.4



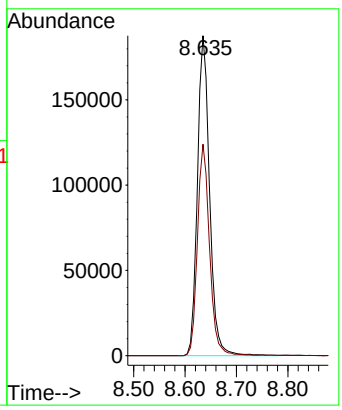


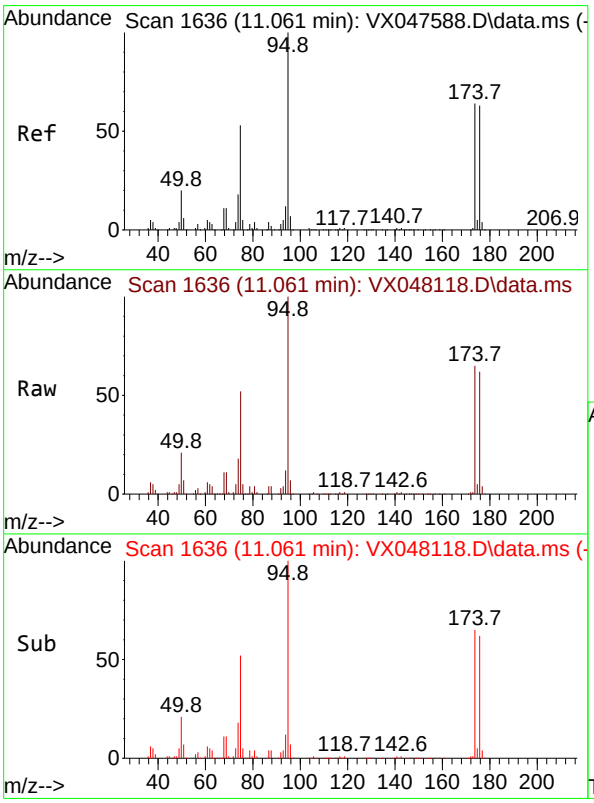
#50
Toluene-d8
Concen: 49.305 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Tgt Ion: 98 Resp: 308815

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4

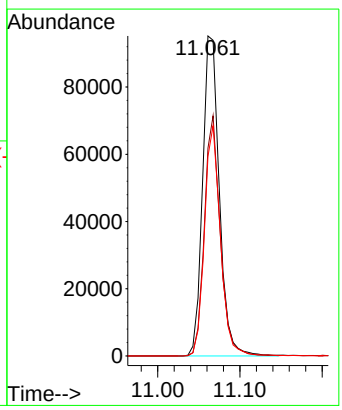


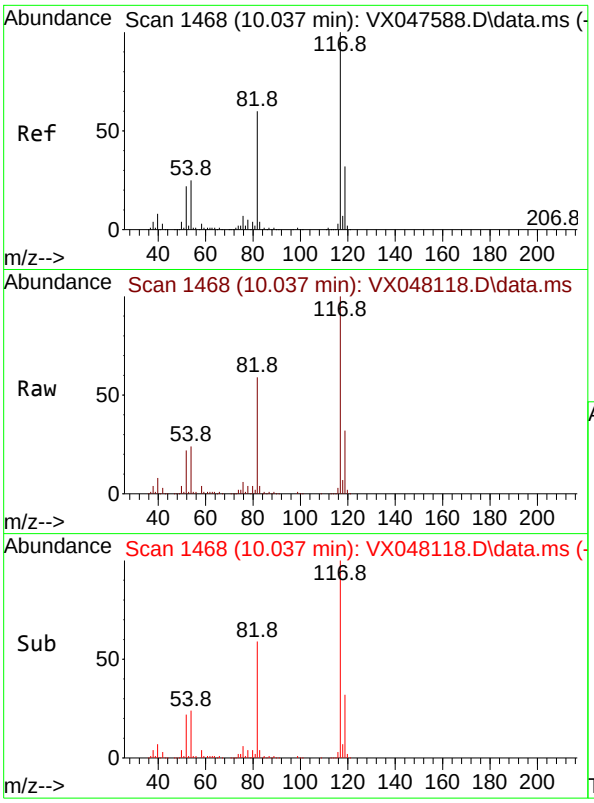


#62
4-Bromofluorobenzene
Concen: 56.635 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion: 95 Resp: 134626

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	141.6
176	68.9	0.0	138.4



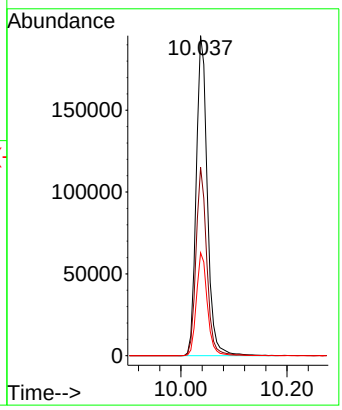


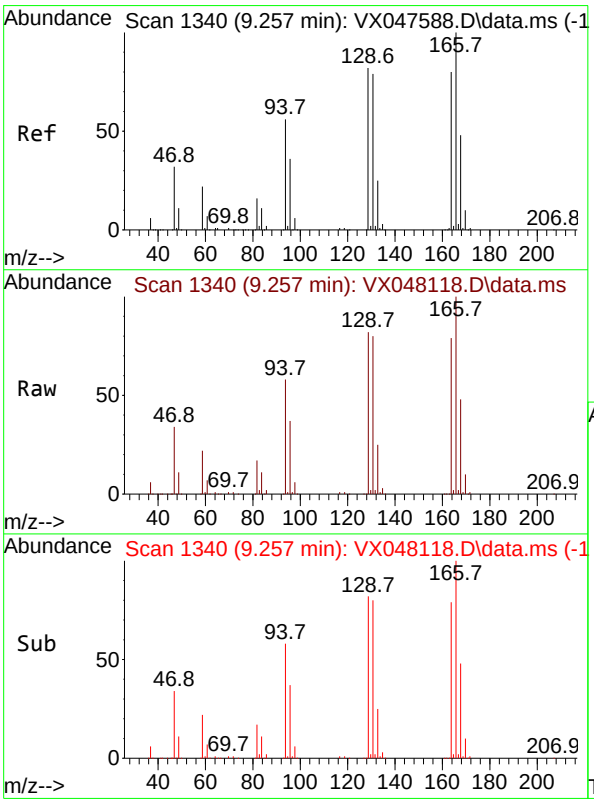
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Tgt Ion:117 Resp: 284581

Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.8	71.6
119	32.1	25.2	37.8

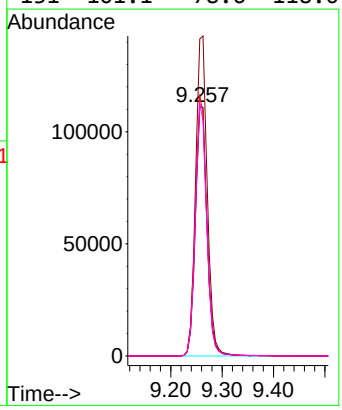


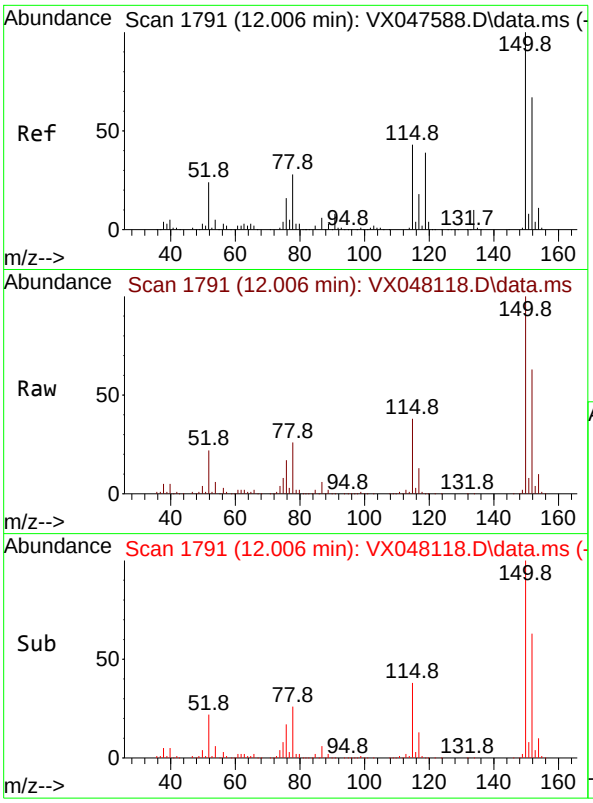


#64
Tetrachloroethene
Concen: 94.443 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion:164 Resp: 175208

Ion	Ratio	Lower	Upper
164	100		
166	127.1	100.2	150.2
129	104.0	81.8	122.6
131	101.1	78.6	118.0



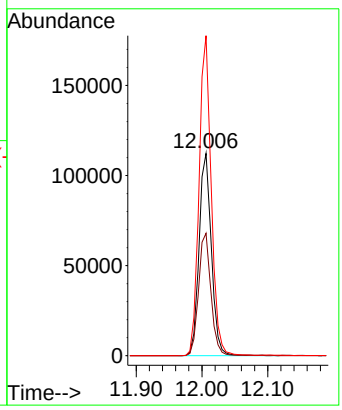


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Tgt Ion:152 Resp: 145743

Ion	Ratio	Lower	Upper
152	100		
115	60.9	44.9	134.5
150	156.5	0.0	352.0



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-5BA	SDG No.:	Q3311
Lab Sample ID:	Q3311-10	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 12:25	VX101325
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/13/25 12:25	VX101325
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/13/25 12:25	VX101325
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/13/25 12:25	VX101325
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/13/25 12:25	VX101325
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/13/25 12:25	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/13/25 12:25	VX101325
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/13/25 12:25	VX101325
67-64-1	Acetone	62.5		1	1.50	5.00	ug/L	10/13/25 12:25	VX101325
75-15-0	Carbon Disulfide	0.65	J	1	0.21	1.00	ug/L	10/13/25 12:25	VX101325
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/13/25 12:25	VX101325
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/13/25 12:25	VX101325
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/13/25 12:25	VX101325
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/13/25 12:25	VX101325
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/13/25 12:25	VX101325
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/13/25 12:25	VX101325
78-93-3	2-Butanone	10.7		1	0.98	5.00	ug/L	10/13/25 12:25	VX101325
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/13/25 12:25	VX101325
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	0.19	1.00	ug/L	10/13/25 12:25	VX101325
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 12:25	VX101325
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/13/25 12:25	VX101325
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/13/25 12:25	VX101325
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/13/25 12:25	VX101325
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/13/25 12:25	VX101325
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 12:25	VX101325
79-01-6	Trichloroethene	0.93	J	1	0.090	1.00	ug/L	10/13/25 12:25	VX101325
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/13/25 12:25	VX101325
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 12:25	VX101325
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/13/25 12:25	VX101325
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/13/25 12:25	VX101325
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/13/25 12:25	VX101325
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/13/25 12:25	VX101325
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/13/25 12:25	VX101325
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/13/25 12:25	VX101325
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/13/25 12:25	VX101325
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/13/25 12:25	VX101325
127-18-4	Tetrachloroethene	60.5		1	0.23	1.00	ug/L	10/13/25 12:25	VX101325
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/13/25 12:25	VX101325
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/13/25 12:25	VX101325
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/13/25 12:25	VX101325
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/13/25 12:25	VX101325
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/13/25 12:25	VX101325
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/13/25 12:25	VX101325

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-5BA	SDG No.:	Q3311
Lab Sample ID:	Q3311-10	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/13/25 12:25	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/13/25 12:25	VX101325
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/13/25 12:25	VX101325
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/13/25 12:25	VX101325
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/13/25 12:25	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/13/25 12:25	VX101325
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/13/25 12:25	VX101325
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/13/25 12:25	VX101325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	51.2			74 - 125	102%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.0			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	49.8			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.9			77 - 121	112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	158000							
540-36-3	1,4-Difluorobenzene	323000							
3114-55-4	Chlorobenzene-d5	332000							
3855-82-1	1,4-Dichlorobenzene-d4	164000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048134.D
Acq On : 13 Oct 2025 12:25
Operator : JC/MD
Sample : Q3311-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Quant Time: Oct 14 01:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

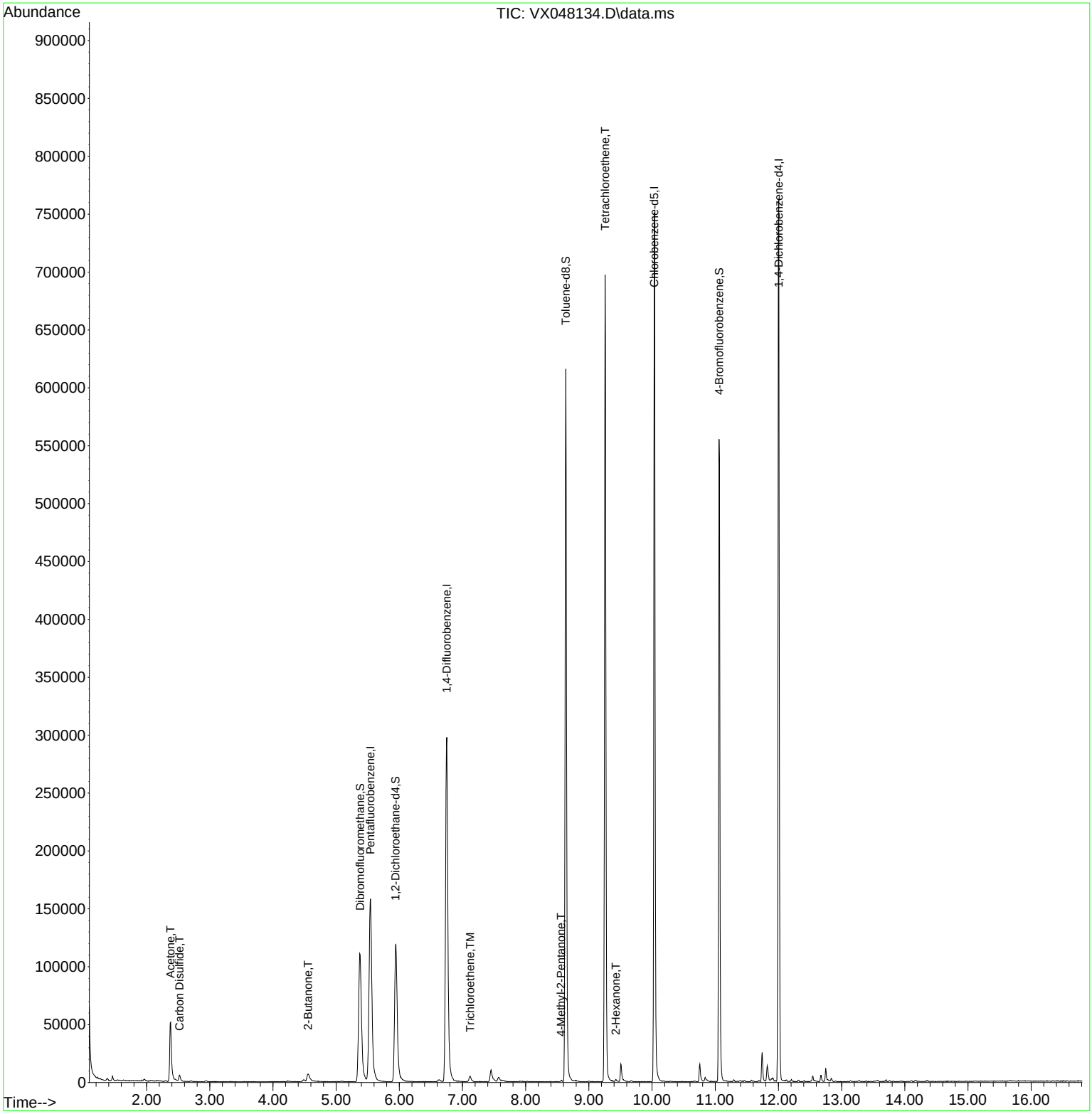
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	158387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	323274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	331796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	163977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	129189	51.243	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.480%			
35) Dibromofluoromethane	5.379	113	108295	49.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.900%			
50) Toluene-d8	8.635	98	373516	49.790	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.580%			
62) 4-Bromofluorobenzene	11.061	95	159213	55.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.840%			
Target Compounds						Qvalue
16) Acetone	2.380	43	68533	62.519	ug/l	100
17) Carbon Disulfide	2.520	76	3341	0.649	ug/l	96
25) 2-Butanone	4.556	43	14658	10.720	ug/l	92
44) Trichloroethene	7.123	130	2166	0.931	ug/l	79
51) 4-Methyl-2-Pentanone	8.561	43	957	0.310	ug/l #	65
59) 2-Hexanone	9.427	43	1597	0.721	ug/l	87
64) Tetrachloroethene	9.256	164	130759	60.454	ug/l	99

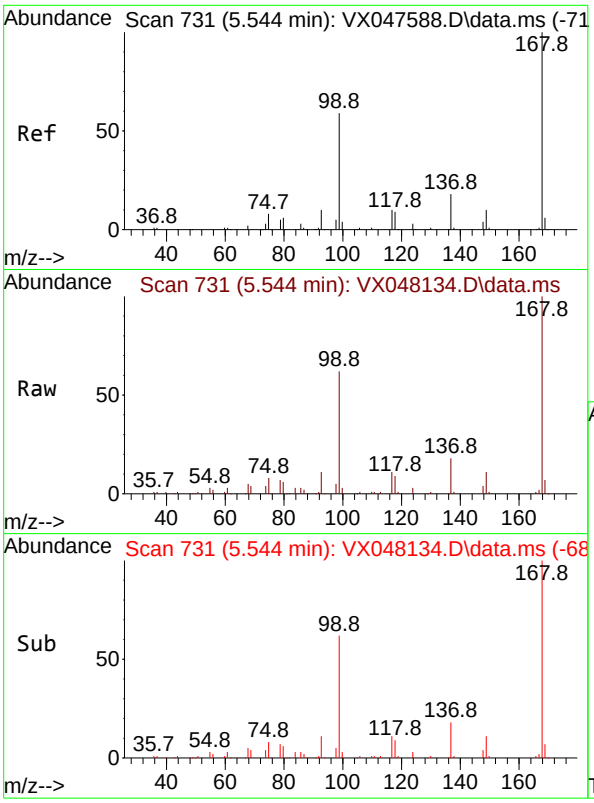
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048134.D
Acq On : 13 Oct 2025 12:25
Operator : JC/MD
Sample : Q3311-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Quant Time: Oct 14 01:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



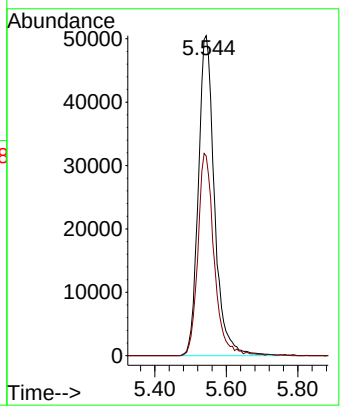


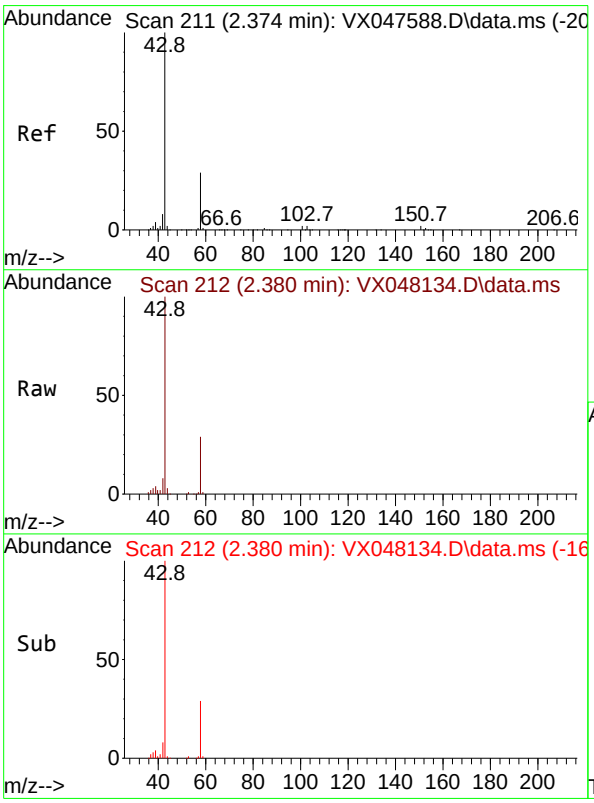
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion:168 Resp: 158387

Ion	Ratio	Lower	Upper
168	100		
99	62.4	48.8	73.2

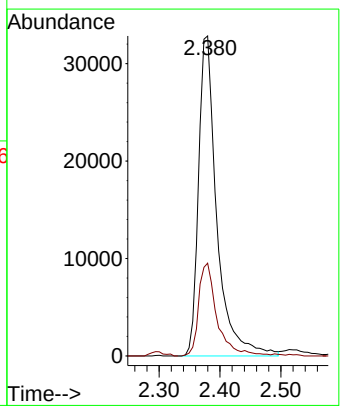


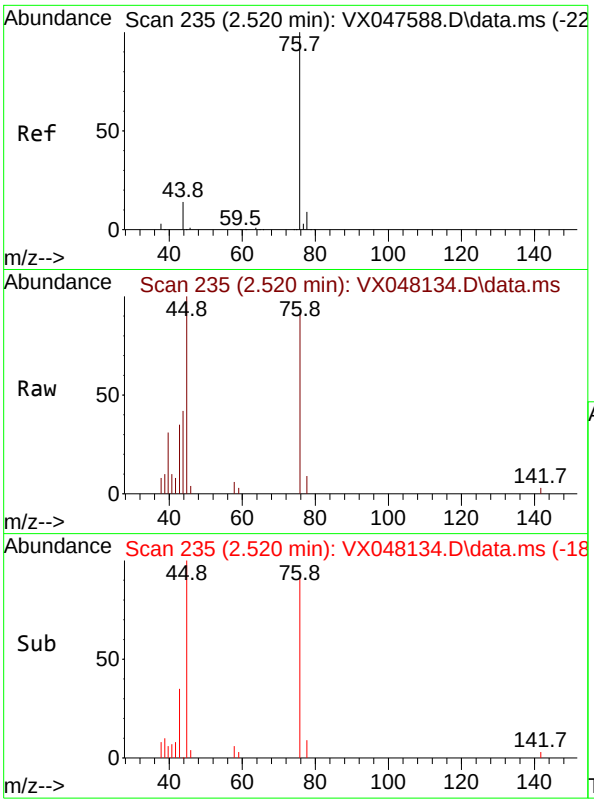


#16
Acetone
Concen: 62.519 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion: 43 Resp: 68533

Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.4	35.0



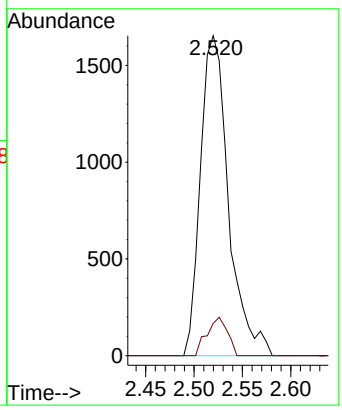


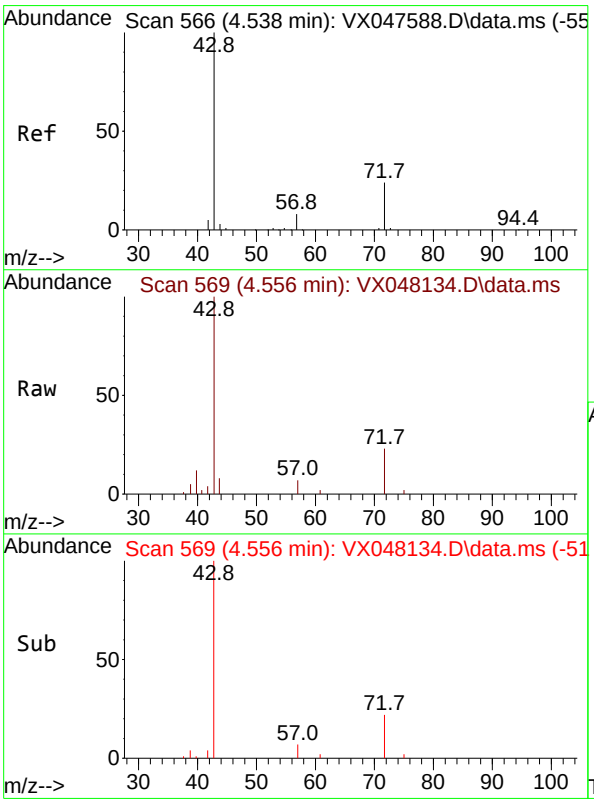
#17
Carbon Disulfide
Concen: 0.649 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion: 76 Resp: 3341

Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.8	10.2

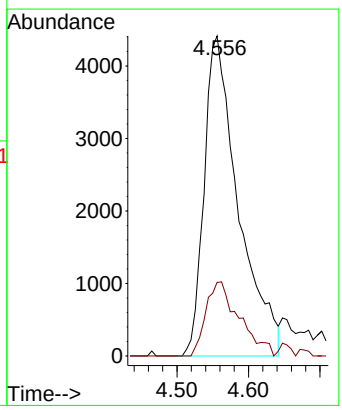


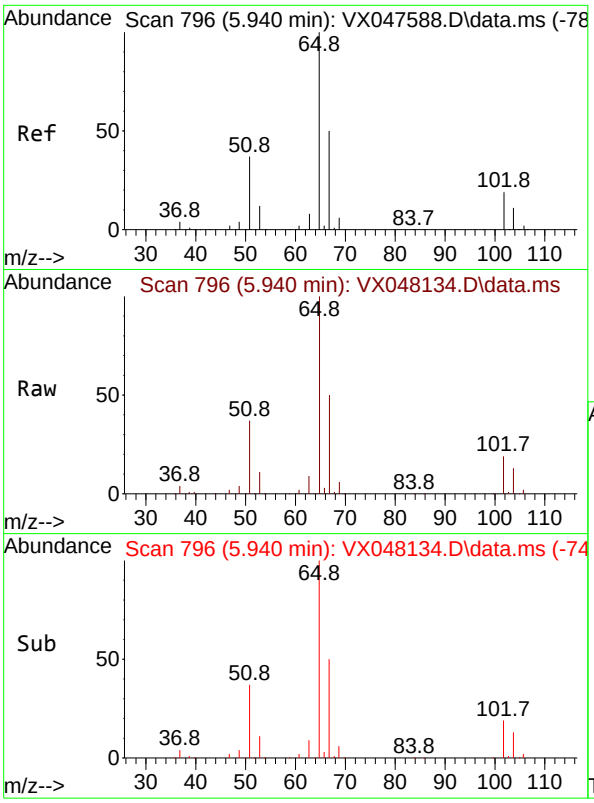


#25
2-Butanone
Concen: 10.720 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.018 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion: 43 Resp: 14658

Ion	Ratio	Lower	Upper
43	100		
72	21.3	20.1	30.1



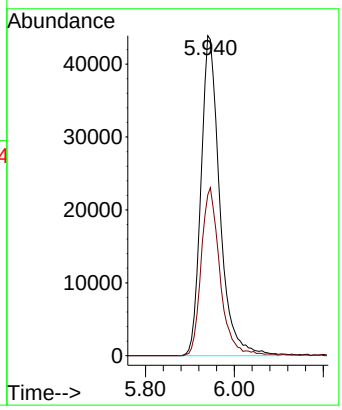


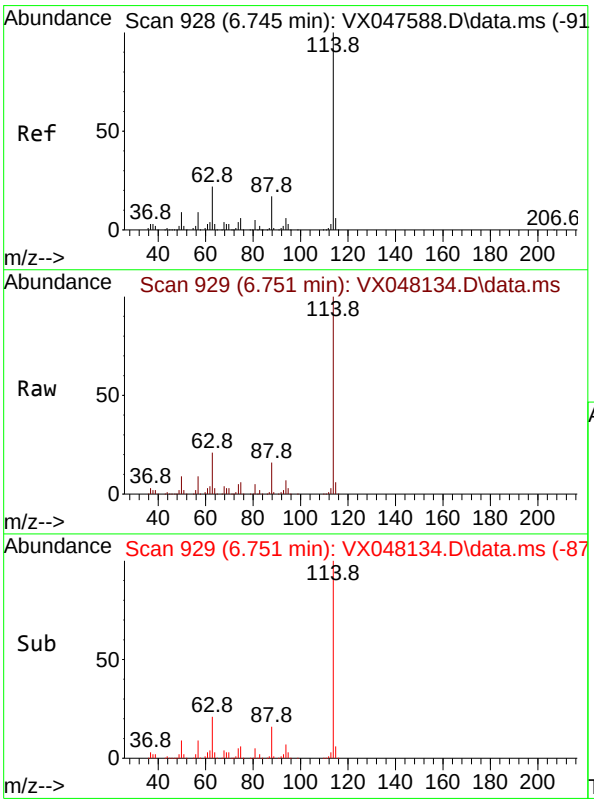
#33
1,2-Dichloroethane-d4
Concen: 51.243 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion: 65 Resp: 129189

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.0

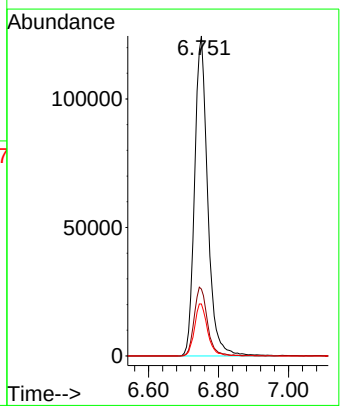


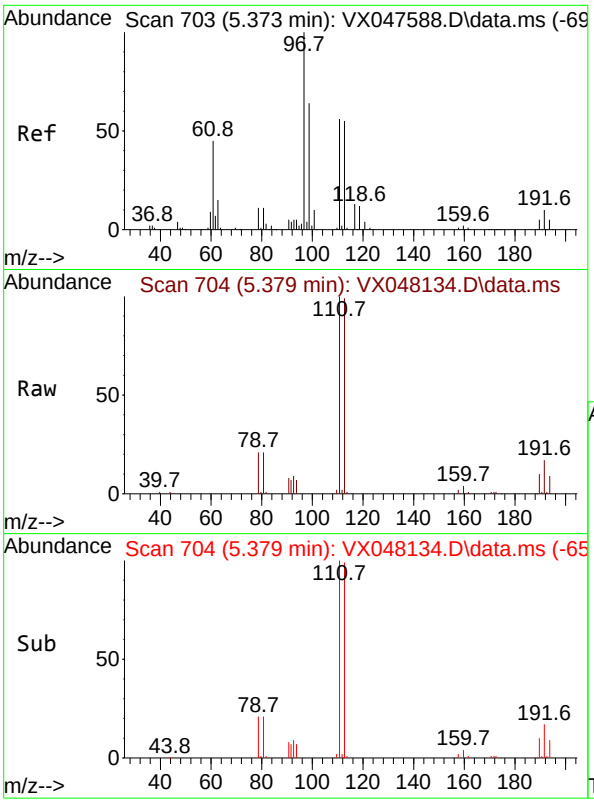


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion:114 Resp: 323274

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.0
88	16.2	0.0	34.2



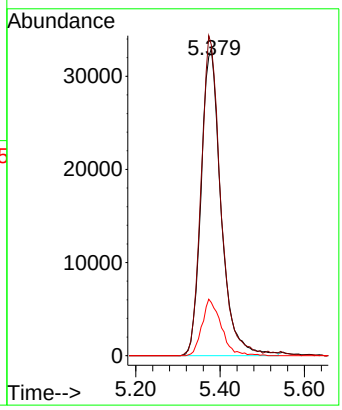


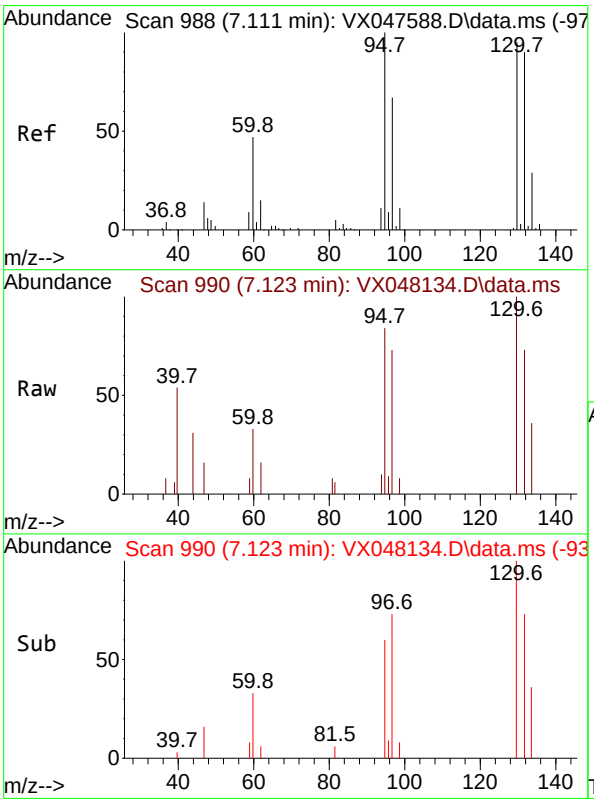
#35
Dibromofluoromethane
Concen: 49.950 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion:113 Resp: 108295

Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.9	121.3
192	17.8	14.2	21.4

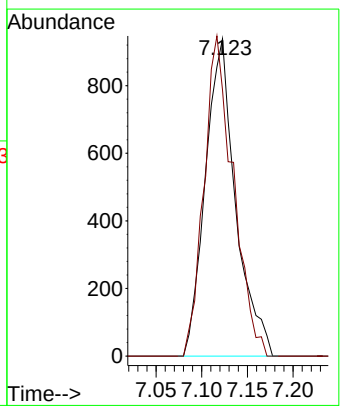


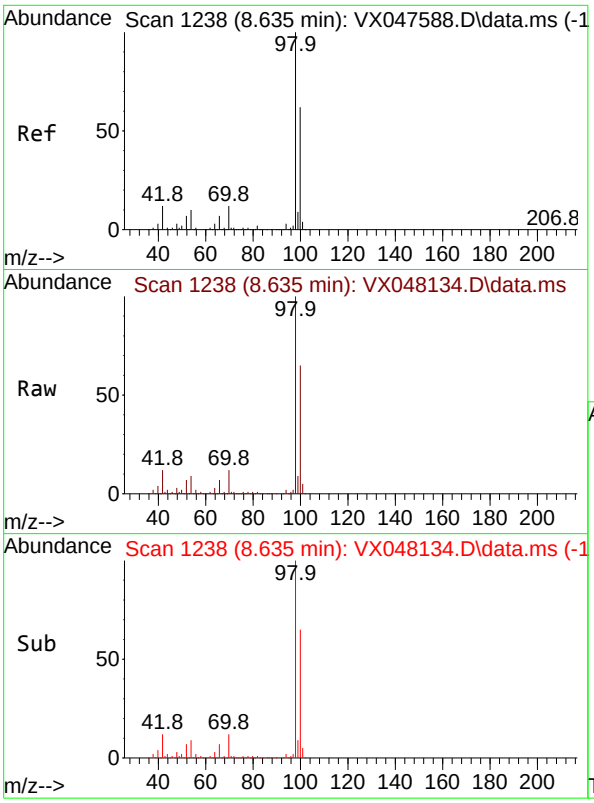


#44
Trichloroethene
Concen: 0.931 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion:130 Resp: 2166

Ion	Ratio	Lower	Upper
130	100		
95	83.8	0.0	210.8



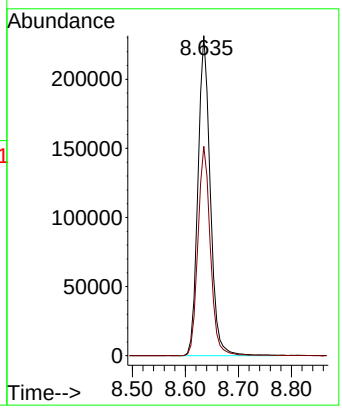


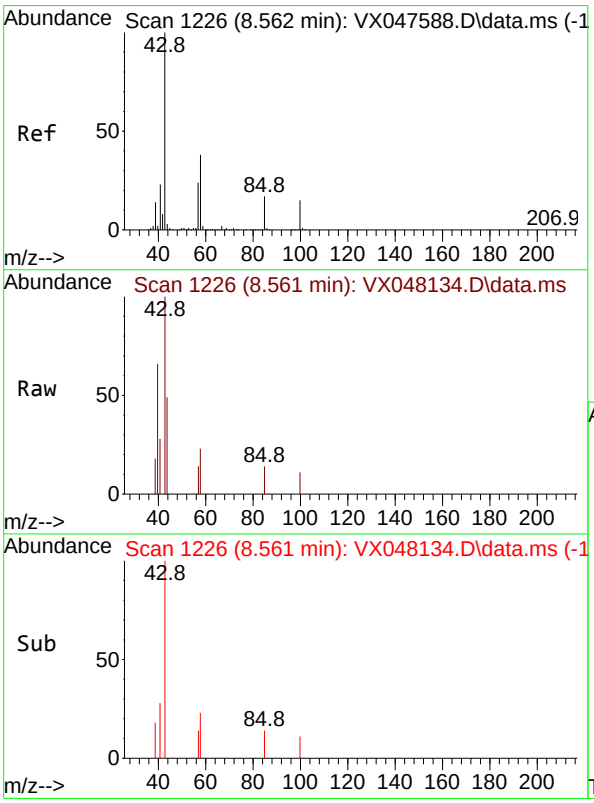
#50
Toluene-d8
Concen: 49.790 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion: 98 Resp: 373516

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

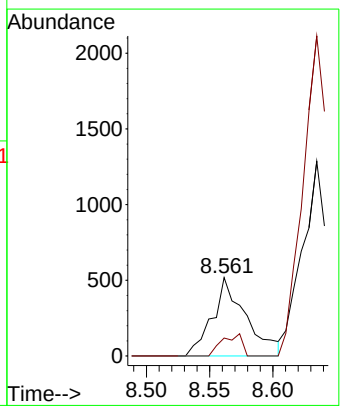


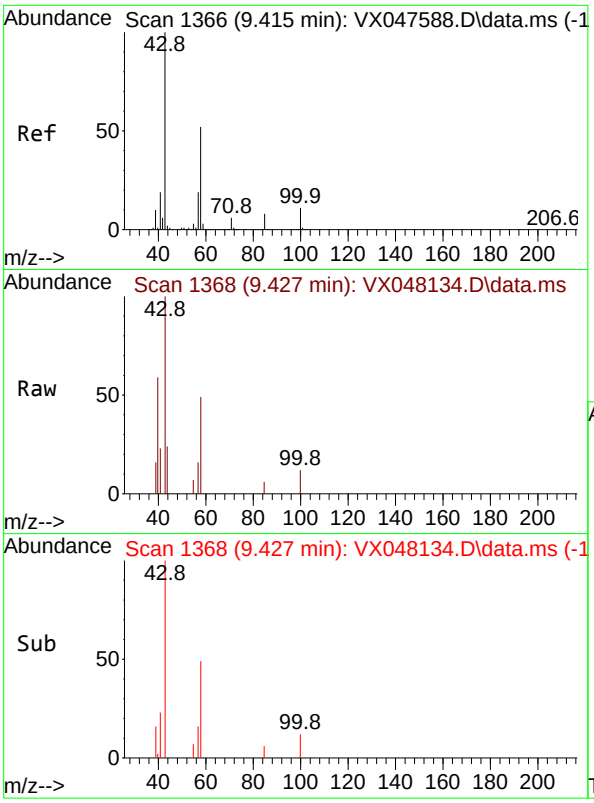


#51
4-Methyl-2-Pentanone
Concen: 0.310 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion: 43 Resp: 957

Ion	Ratio	Lower	Upper
43	100		
58	16.8	30.3	45.5#



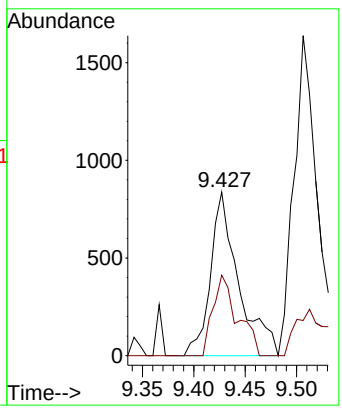


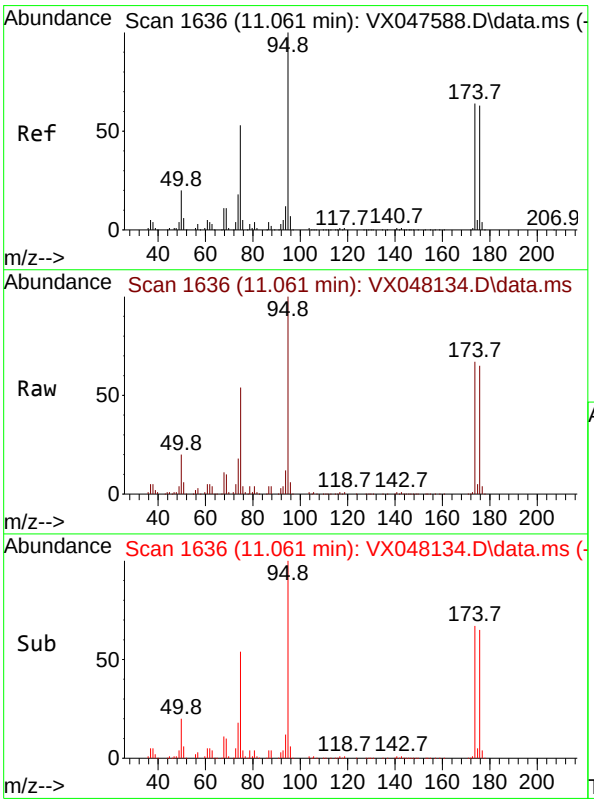
#59
2-Hexanone
Concen: 0.721 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion: 43 Resp: 1597

Ion	Ratio	Lower	Upper
43	100		
58	43.0	26.1	78.2

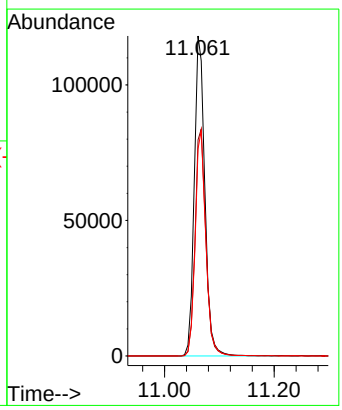


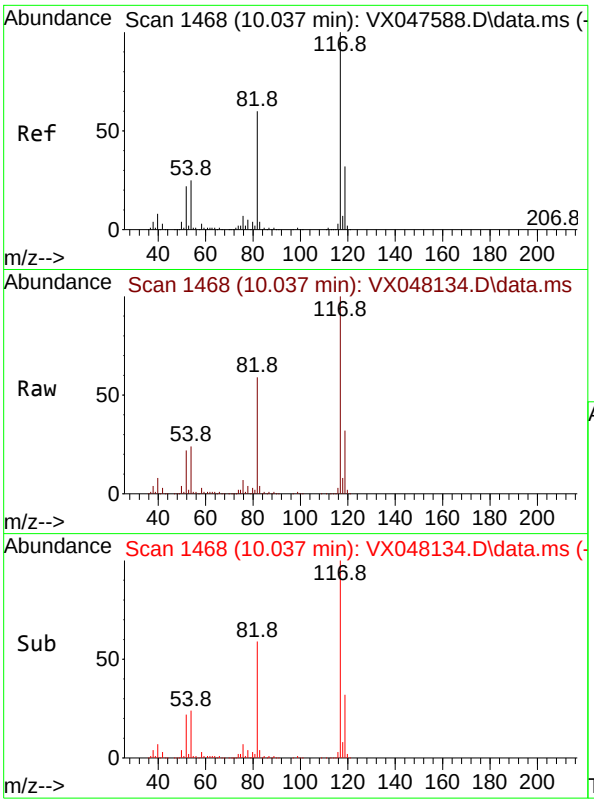


#62
4-Bromofluorobenzene
Concen: 55.921 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion: 95 Resp: 159213

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	141.6
176	70.4	0.0	138.4



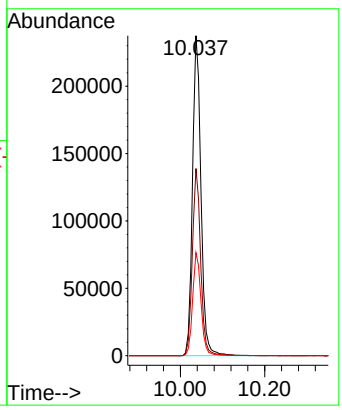


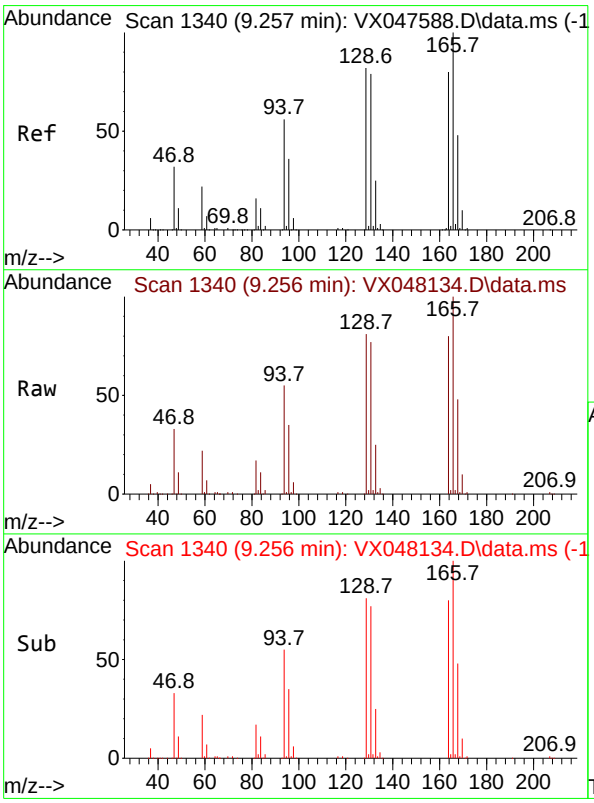
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion:117 Resp: 331796

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.8	71.6
119	32.2	25.2	37.8

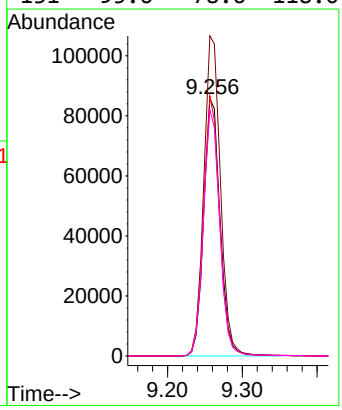


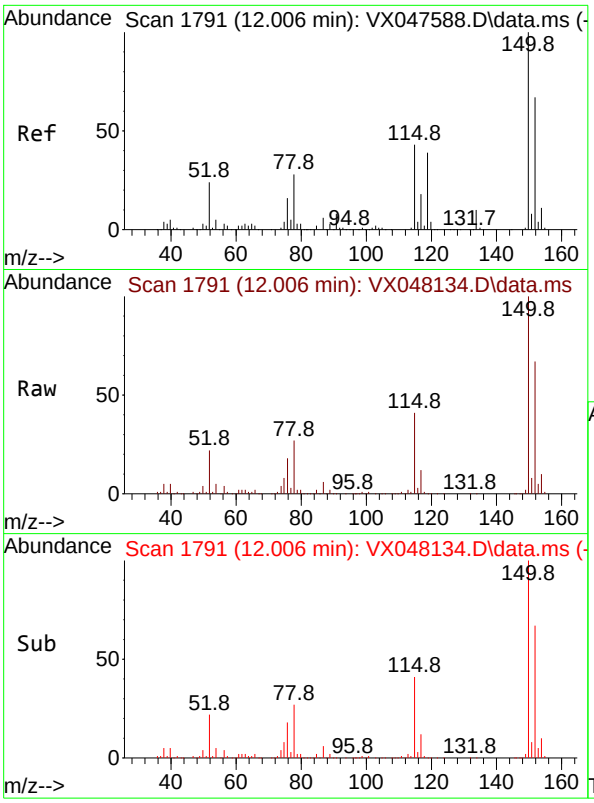


#64
Tetrachloroethene
Concen: 60.454 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Tgt Ion:164 Resp: 130759

Ion	Ratio	Lower	Upper
164	100		
166	124.3	100.2	150.2
129	101.1	81.8	122.6
131	95.6	78.6	118.0



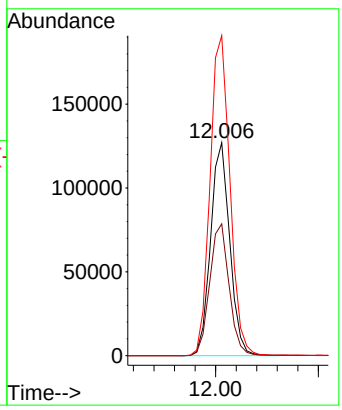


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048134.D
Acq: 13 Oct 2025 12:25

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Tgt Ion:152 Resp: 163977

Ion	Ratio	Lower	Upper
152	100		
115	63.1	44.9	134.5
150	156.2	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048134.D
Acq On : 13 Oct 2025 12:25
Operator : JC/MD
Sample : Q3311-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.380	204	212	222	rBV	51204	103390	9.79%	1.443%
2	2.520	230	235	246	rVB2	5438	10880	1.03%	0.152%
3	4.556	563	569	583	rVB2	6086	18832	1.78%	0.263%
4	5.373	692	703	720	rBV2	110642	355324	33.64%	4.958%
5	5.544	720	731	754	rVB	157148	489009	46.29%	6.823%
6	5.946	786	797	823	rBV	118541	353737	33.49%	4.935%
7	6.751	918	929	947	rBV	297340	770501	72.94%	10.750%
8	7.123	982	990	1000	rVB7	4745	12217	1.16%	0.170%
9	7.452	1036	1044	1058	rBV2	10310	26924	2.55%	0.376%
10	8.635	1231	1238	1255	rBV	615368	1008927	95.51%	14.077%
11	9.256	1332	1340	1358	rBV	697183	1056381	100.00%	14.739%
12	9.506	1377	1381	1390	rBV2	14939	25200	2.39%	0.352%
13	10.037	1462	1468	1486	rBV	750487	1045461	98.97%	14.587%
14	10.756	1580	1586	1596	rBV	15156	24515	2.32%	0.342%
15	11.061	1631	1636	1649	rBV	554733	762626	72.19%	10.640%
16	11.744	1743	1748	1754	rBV	25072	33399	3.16%	0.466%
17	11.823	1756	1761	1769	rBV2	13204	22034	2.09%	0.307%
18	12.006	1785	1791	1801	rBV	762188	1033577	97.84%	14.421%
19	12.750	1908	1913	1917	rBV	11538	14304	1.35%	0.200%

Sum of corrected areas: 7167238

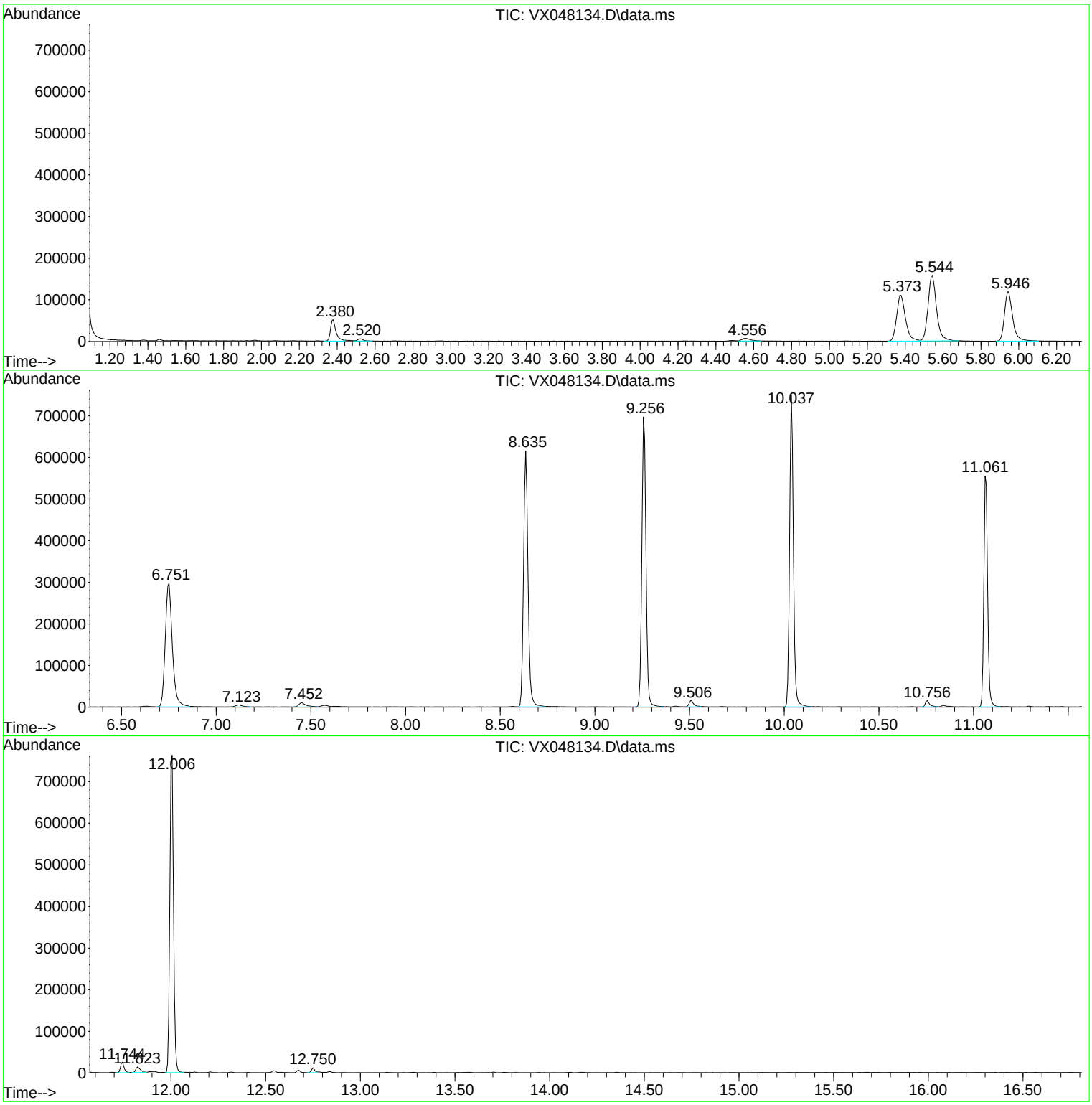
Sample Results: **VX048134.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048134.D
Acq On : 13 Oct 2025 12:25
Operator : JC/MD
Sample : Q3311-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048134.D
Acq On : 13 Oct 2025 12:25
Operator : JC/MD
Sample : Q3311-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048134.D
Acq On : 13 Oct 2025 12:25
Operator : JC/MD
Sample : Q3311-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-5BA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-6BA	SDG No.:	Q3311
Lab Sample ID:	Q3311-11	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	200	U	200	44.0	200	ug/L	10/10/25 17:37	VX101025
74-87-3	Chloromethane	200	U	200	64.0	200	ug/L	10/10/25 17:37	VX101025
75-01-4	Vinyl Chloride	200	U	200	52.0	200	ug/L	10/10/25 17:37	VX101025
74-83-9	Bromomethane	1000	U	200	290	1000	ug/L	10/10/25 17:37	VX101025
75-00-3	Chloroethane	200	U	200	94.0	200	ug/L	10/10/25 17:37	VX101025
75-69-4	Trichlorofluoromethane	200	U	200	66.0	200	ug/L	10/10/25 17:37	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	200	U	200	50.0	200	ug/L	10/10/25 17:37	VX101025
75-35-4	1,1-Dichloroethene	200	U	200	46.0	200	ug/L	10/10/25 17:37	VX101025
67-64-1	Acetone	1000	U	200	300	1000	ug/L	10/10/25 17:37	VX101025
75-15-0	Carbon Disulfide	200	U	200	42.0	200	ug/L	10/10/25 17:37	VX101025
1634-04-4	Methyl tert-butyl Ether	200	U	200	32.0	200	ug/L	10/10/25 17:37	VX101025
79-20-9	Methyl Acetate	200	U	200	54.0	200	ug/L	10/10/25 17:37	VX101025
75-09-2	Methylene Chloride	200	U	200	56.0	200	ug/L	10/10/25 17:37	VX101025
156-60-5	trans-1,2-Dichloroethene	200	U	200	46.0	200	ug/L	10/10/25 17:37	VX101025
75-34-3	1,1-Dichloroethane	200	U	200	46.0	200	ug/L	10/10/25 17:37	VX101025
110-82-7	Cyclohexane	1000	U	200	290	1000	ug/L	10/10/25 17:37	VX101025
78-93-3	2-Butanone	1000	U	200	200	1000	ug/L	10/10/25 17:37	VX101025
56-23-5	Carbon Tetrachloride	200	U	200	50.0	200	ug/L	10/10/25 17:37	VX101025
156-59-2	cis-1,2-Dichloroethene	65.0	J	200	38.0	200	ug/L	10/10/25 17:37	VX101025
74-97-5	Bromochloromethane	200	U	200	44.0	200	ug/L	10/10/25 17:37	VX101025
67-66-3	Chloroform	200	U	200	50.0	200	ug/L	10/10/25 17:37	VX101025
71-55-6	1,1,1-Trichloroethane	200	U	200	40.0	200	ug/L	10/10/25 17:37	VX101025
108-87-2	Methylcyclohexane	200	U	200	32.0	200	ug/L	10/10/25 17:37	VX101025
71-43-2	Benzene	200	U	200	30.0	200	ug/L	10/10/25 17:37	VX101025
107-06-2	1,2-Dichloroethane	200	U	200	44.0	200	ug/L	10/10/25 17:37	VX101025
79-01-6	Trichloroethene	200	U	200	18.6	200	ug/L	10/10/25 17:37	VX101025
78-87-5	1,2-Dichloropropane	200	U	200	40.0	200	ug/L	10/10/25 17:37	VX101025
75-27-4	Bromodichloromethane	200	U	200	44.0	200	ug/L	10/10/25 17:37	VX101025
108-10-1	4-Methyl-2-Pentanone	1000	U	200	140	1000	ug/L	10/10/25 17:37	VX101025
108-88-3	Toluene	200	U	200	28.0	200	ug/L	10/10/25 17:37	VX101025
10061-02-6	t-1,3-Dichloropropene	200	U	200	34.0	200	ug/L	10/10/25 17:37	VX101025
10061-01-5	cis-1,3-Dichloropropene	200	U	200	32.0	200	ug/L	10/10/25 17:37	VX101025
79-00-5	1,1,2-Trichloroethane	200	U	200	42.0	200	ug/L	10/10/25 17:37	VX101025
591-78-6	2-Hexanone	1000	U	200	180	1000	ug/L	10/10/25 17:37	VX101025
124-48-1	Dibromochloromethane	200	U	200	36.0	200	ug/L	10/10/25 17:37	VX101025
106-93-4	1,2-Dibromoethane	200	U	200	30.0	200	ug/L	10/10/25 17:37	VX101025
127-18-4	Tetrachloroethene	9200		200	46.0	200	ug/L	10/10/25 17:37	VX101025
108-90-7	Chlorobenzene	200	U	200	24.0	200	ug/L	10/10/25 17:37	VX101025
100-41-4	Ethyl Benzene	200	U	200	26.0	200	ug/L	10/10/25 17:37	VX101025
179601-23-1	m/p-Xylenes	400	U	200	48.0	400	ug/L	10/10/25 17:37	VX101025
95-47-6	o-Xylene	200	U	200	24.0	200	ug/L	10/10/25 17:37	VX101025
100-42-5	Styrene	200	U	200	30.0	200	ug/L	10/10/25 17:37	VX101025
75-25-2	Bromoform	200	U	200	38.0	200	ug/L	10/10/25 17:37	VX101025

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-6BA	SDG No.:	Q3311
Lab Sample ID:	Q3311-11	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	200	U	200	24.0	200	ug/L	10/10/25 17:37	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	200	U	200	52.0	200	ug/L	10/10/25 17:37	VX101025
541-73-1	1,3-Dichlorobenzene	200	U	200	32.0	200	ug/L	10/10/25 17:37	VX101025
106-46-7	1,4-Dichlorobenzene	200	U	200	38.0	200	ug/L	10/10/25 17:37	VX101025
95-50-1	1,2-Dichlorobenzene	200	U	200	32.0	200	ug/L	10/10/25 17:37	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	200	U	200	110	200	ug/L	10/10/25 17:37	VX101025
120-82-1	1,2,4-Trichlorobenzene	200	U	200	40.0	200	ug/L	10/10/25 17:37	VX101025
87-61-6	1,2,3-Trichlorobenzene	200	U	200	40.0	200	ug/L	10/10/25 17:37	VX101025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.7			74 - 125	99%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.2			75 - 124	96%	SPK: 50		
2037-26-5	Toluene-d8	47.6			86 - 113	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.7			77 - 121	105%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	106000							
540-36-3	1,4-Difluorobenzene	218000							
3114-55-4	Chlorobenzene-d5	224000							
3855-82-1	1,4-Dichlorobenzene-d4	110000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048119.D
Acq On : 10 Oct 2025 17:37
Operator : JC/MD
Sample : Q3311-11 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Quant Time: Oct 10 23:52:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

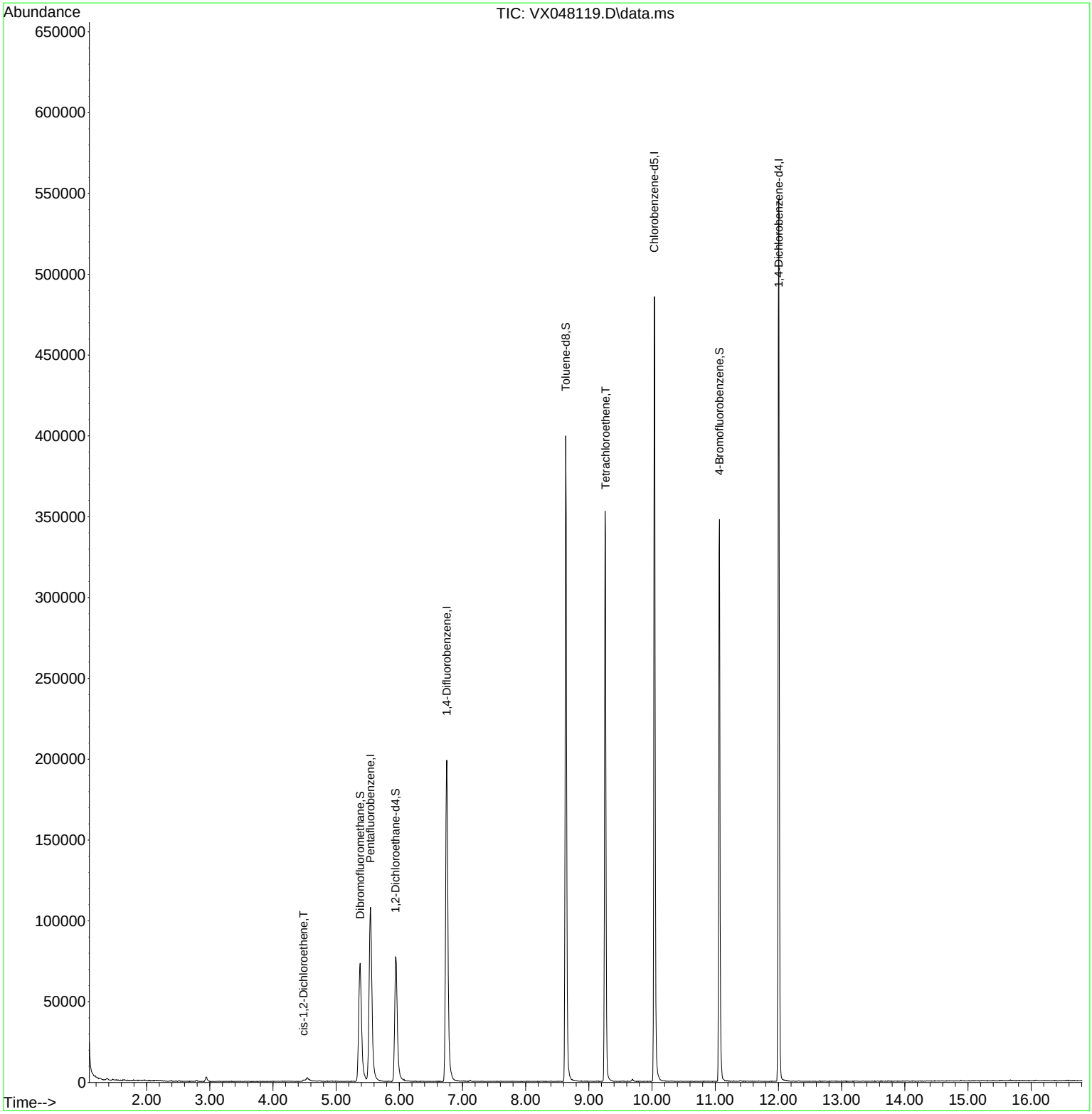
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	106376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	218035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	223748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	84165	49.707	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.420%			
35) Dibromofluoromethane	5.379	113	70465	48.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.380%			
50) Toluene-d8	8.635	98	241021	47.635	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.280%			
62) 4-Bromofluorobenzene	11.067	95	101113	52.656	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.320%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.483	96	541	0.325	ug/l	77
64) Tetrachloroethene	9.263	164	66891	45.860	ug/l	96

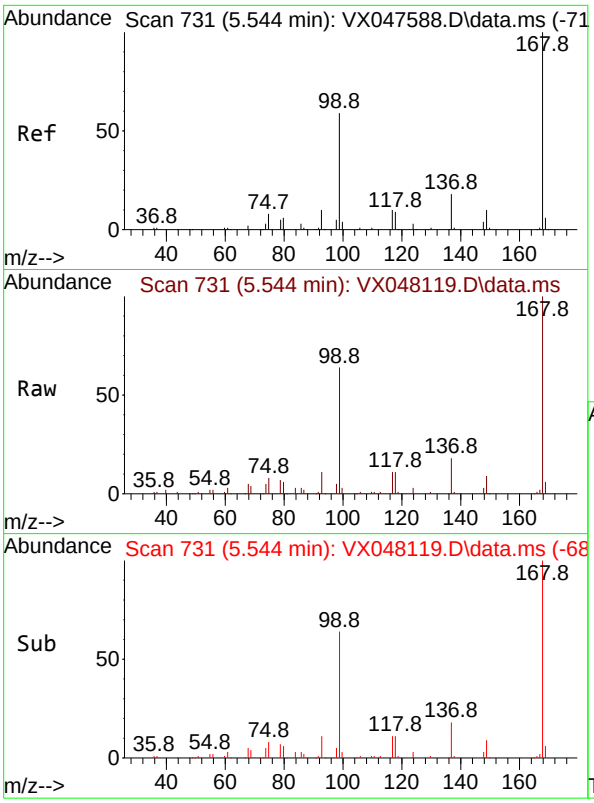
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048119.D
Acq On : 10 Oct 2025 17:37
Operator : JC/MD
Sample : Q3311-11 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Quant Time: Oct 10 23:52:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



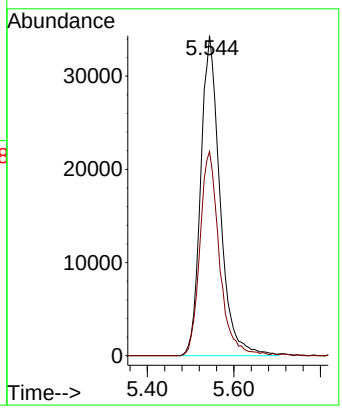


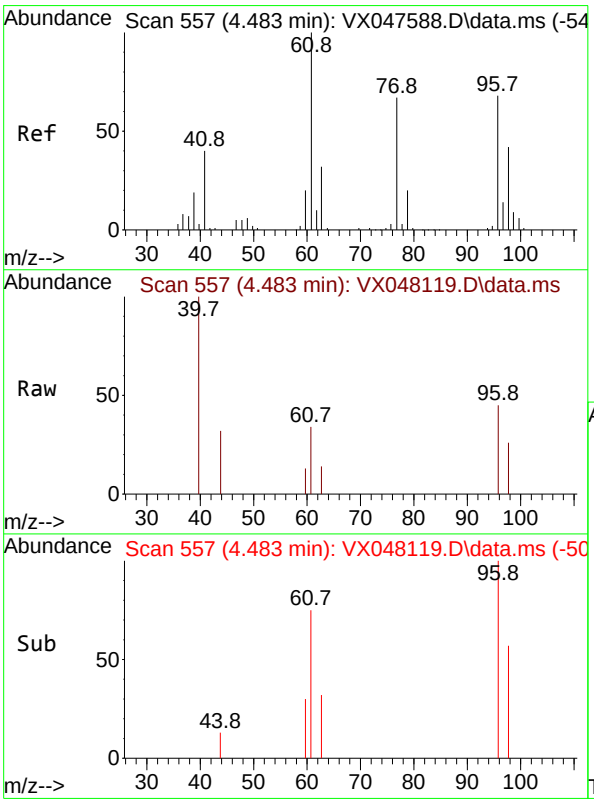
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Tgt Ion:168 Resp: 106376

Ion	Ratio	Lower	Upper
168	100		
99	63.8	48.8	73.2

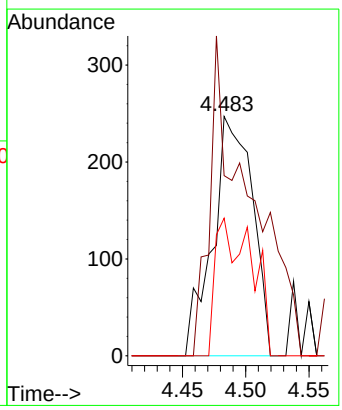


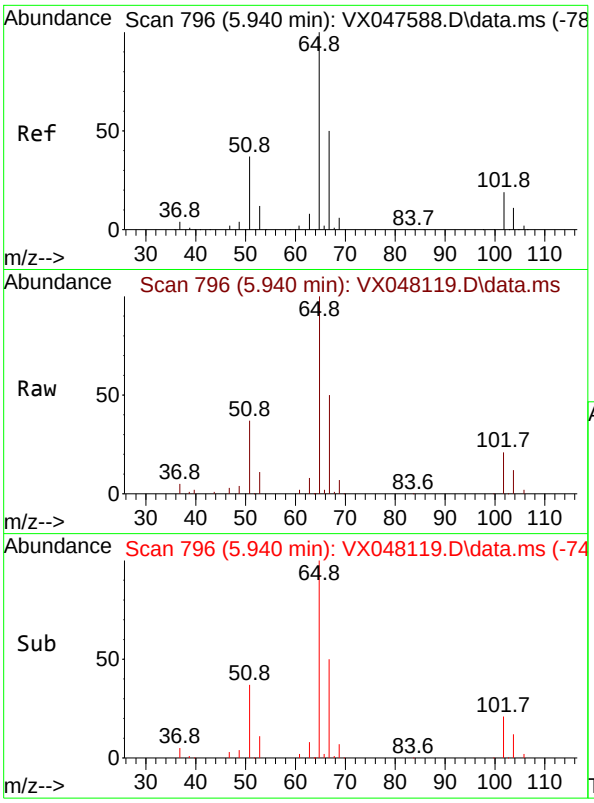


#27
cis-1,2-Dichloroethene
Concen: 0.325 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 96 Resp: 541

Ion	Ratio	Lower	Upper
96	100		
61	132.9	0.0	303.2
98	31.6	0.0	127.8



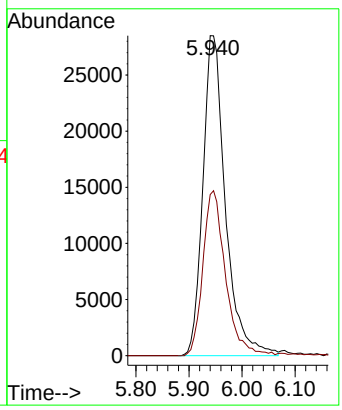


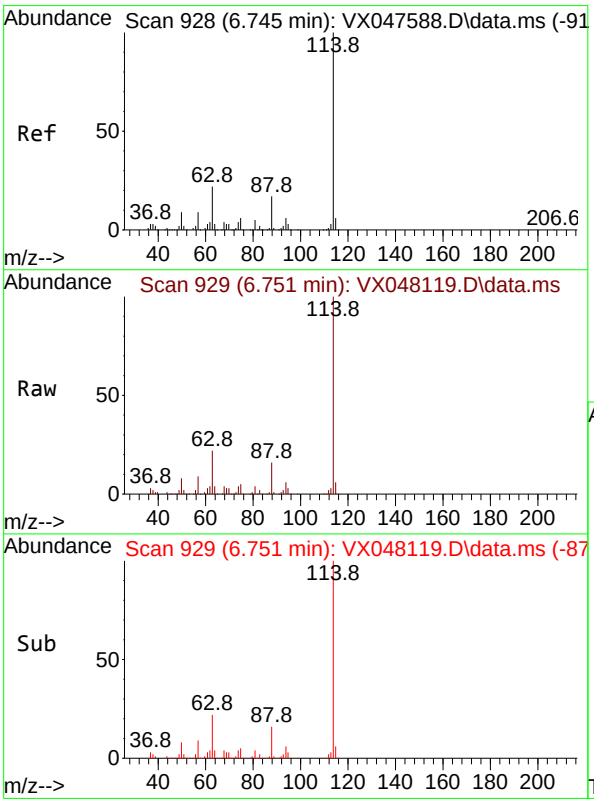
#33
1,2-Dichloroethane-d4
Concen: 49.707 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Tgt Ion: 65 Resp: 84165

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0

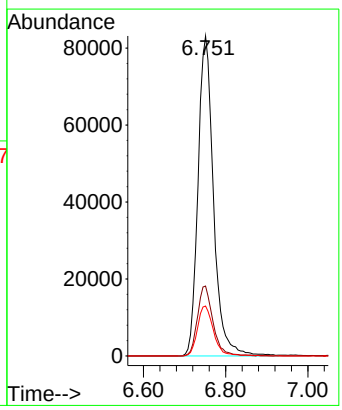


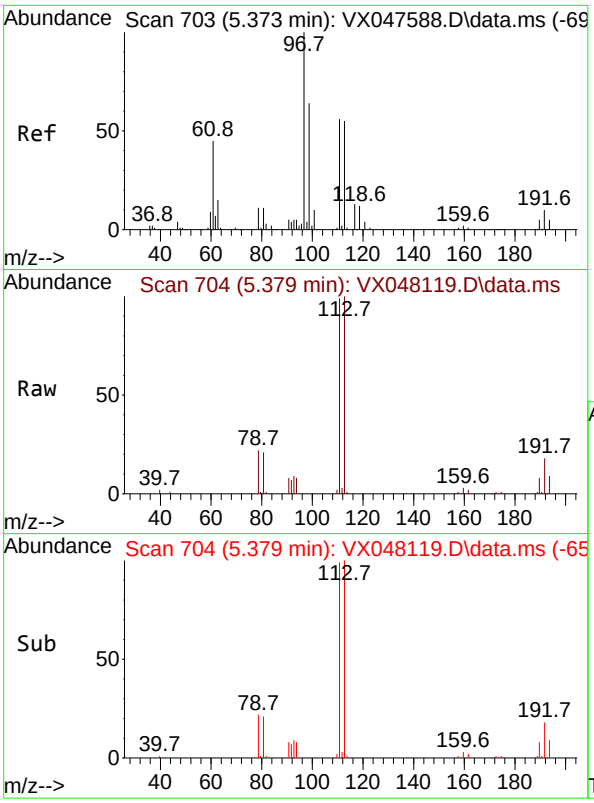


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion:114 Resp: 218035

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	15.6	0.0	34.2



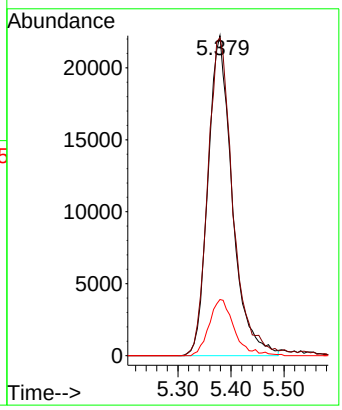


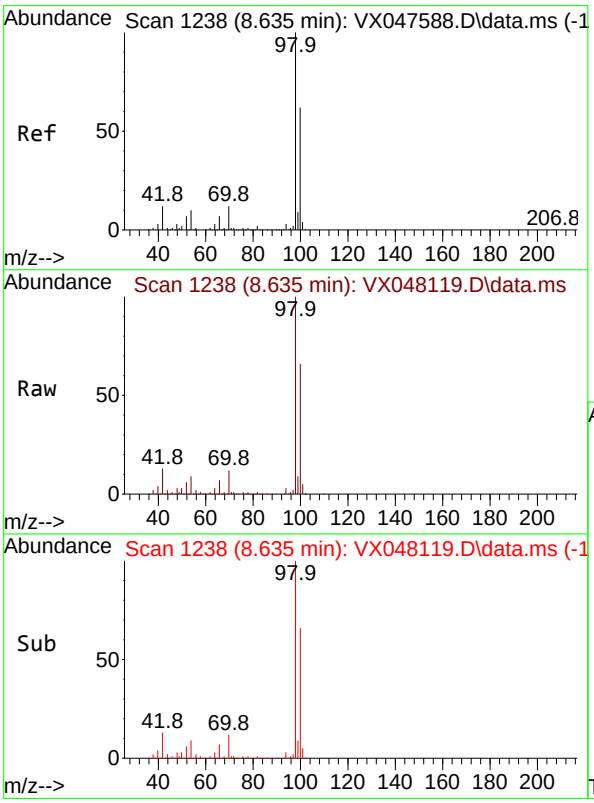
#35
Dibromofluoromethane
Concen: 48.189 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Tgt Ion:113 Resp: 70465

Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.9	121.3
192	18.3	14.2	21.4

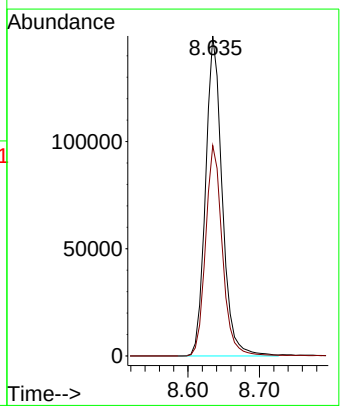


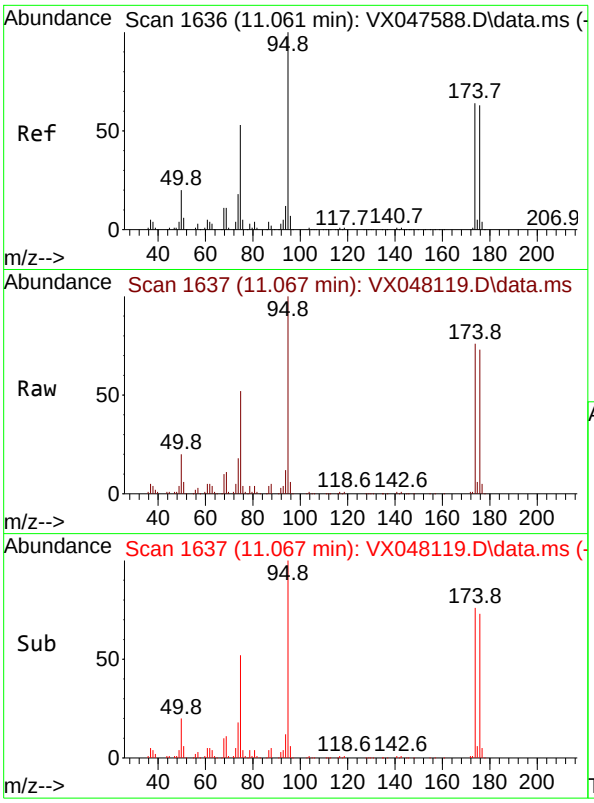


#50
Toluene-d8
Concen: 47.635 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 98 Resp: 241021

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4



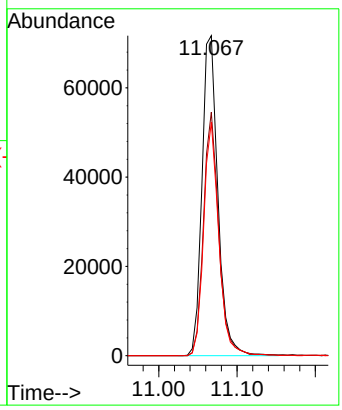


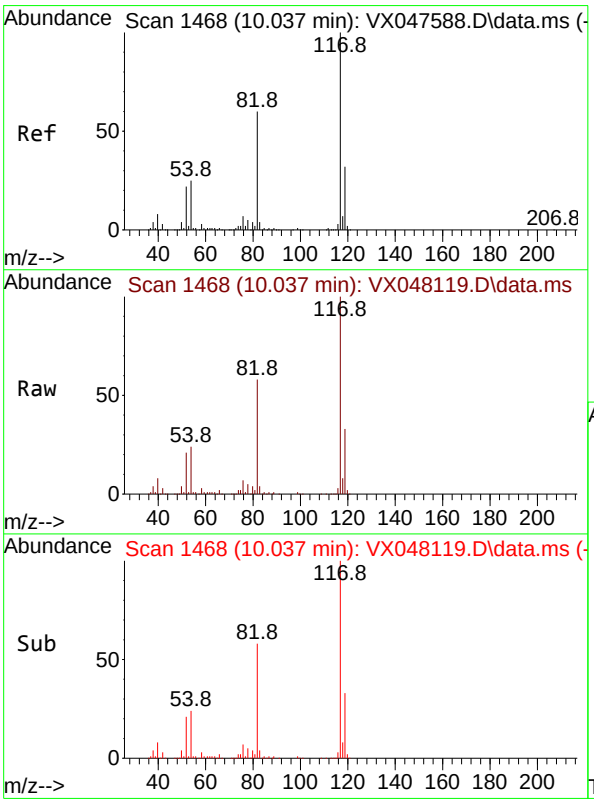
#62
4-Bromofluorobenzene
Concen: 52.656 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Tgt Ion: 95 Resp: 101113

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	141.6
176	69.4	0.0	138.4

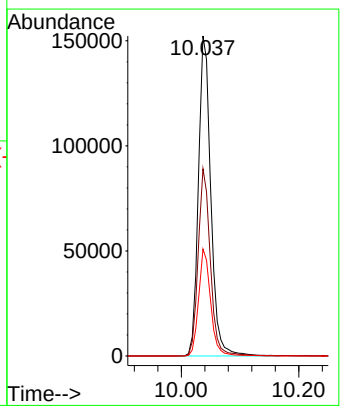


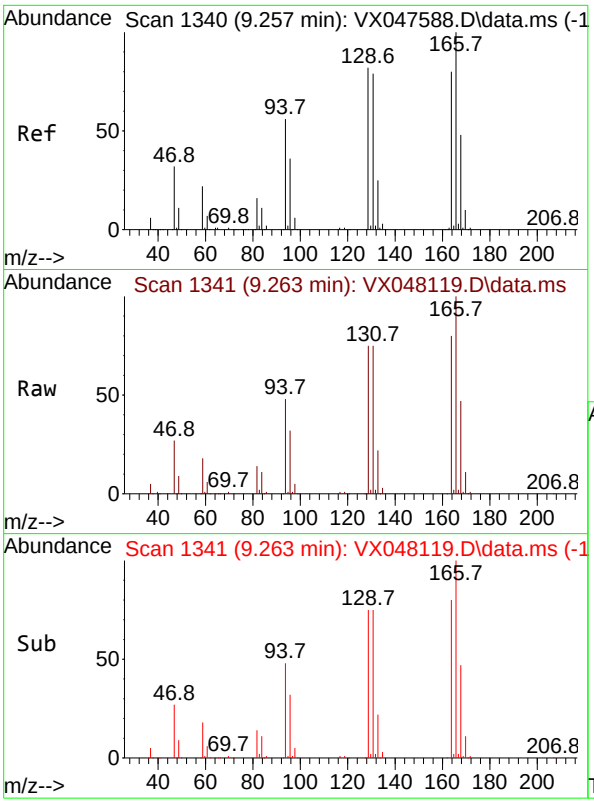


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion:117 Resp: 223748

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.8	71.6
119	33.4	25.2	37.8



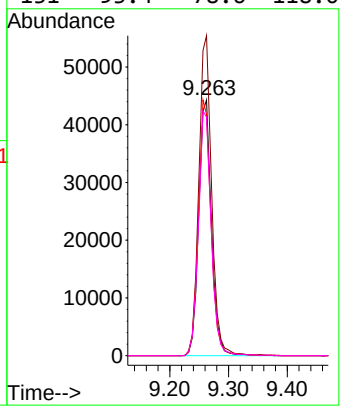


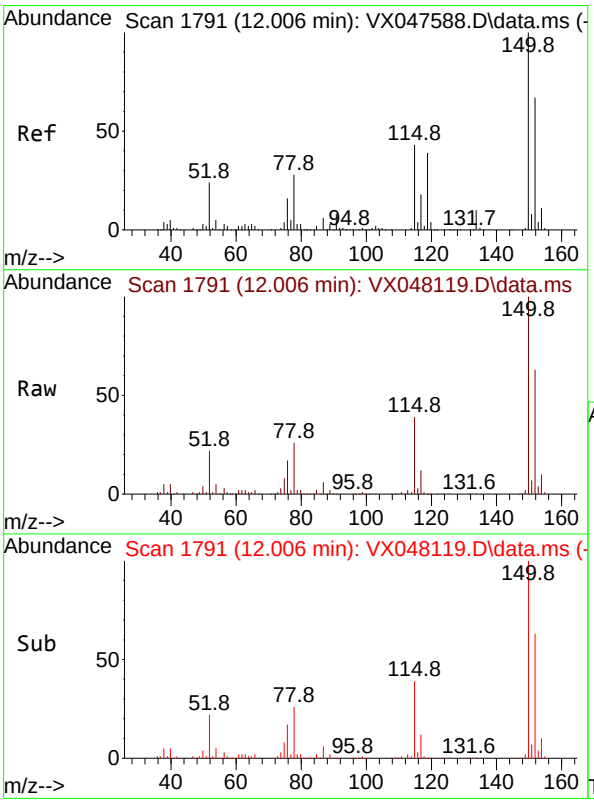
#64
Tetrachloroethene
Concen: 45.860 ug/l
RT: 9.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Tgt Ion:164 Resp: 66891

Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.2	150.2
129	94.4	81.8	122.6
131	93.4	78.6	118.0

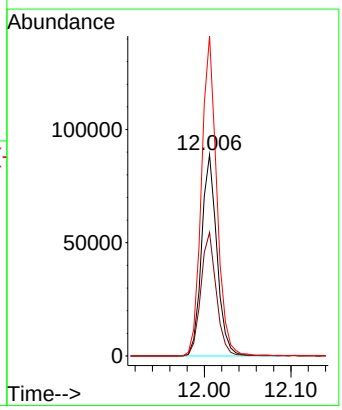




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion:152 Resp: 109569

Ion	Ratio	Lower	Upper
152	100		
115	62.0	44.9	134.5
150	158.5	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048119.D
Acq On : 10 Oct 2025 17:37
Operator : JC/MD
Sample : Q3311-11 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048119.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.379	690	704	720	rBV	73286	234276	33.13%	5.323%
2	5.544	720	731	757	rVB	107609	337364	47.71%	7.666%
3	5.940	786	796	816	rBV	77104	228956	32.38%	5.202%
4	6.751	919	929	949	rBV	198816	523243	74.00%	11.889%
5	8.635	1231	1238	1253	rBV	399370	654895	92.62%	14.881%
6	9.256	1334	1340	1357	rBV3	352679	535991	75.81%	12.179%
7	10.037	1462	1468	1489	rBV	485536	707043	100.00%	16.066%
8	11.067	1631	1637	1651	rBV	347775	487018	68.88%	11.066%
9	12.006	1785	1791	1801	rBV	545890	692148	97.89%	15.727%

Sum of corrected areas: 4400934

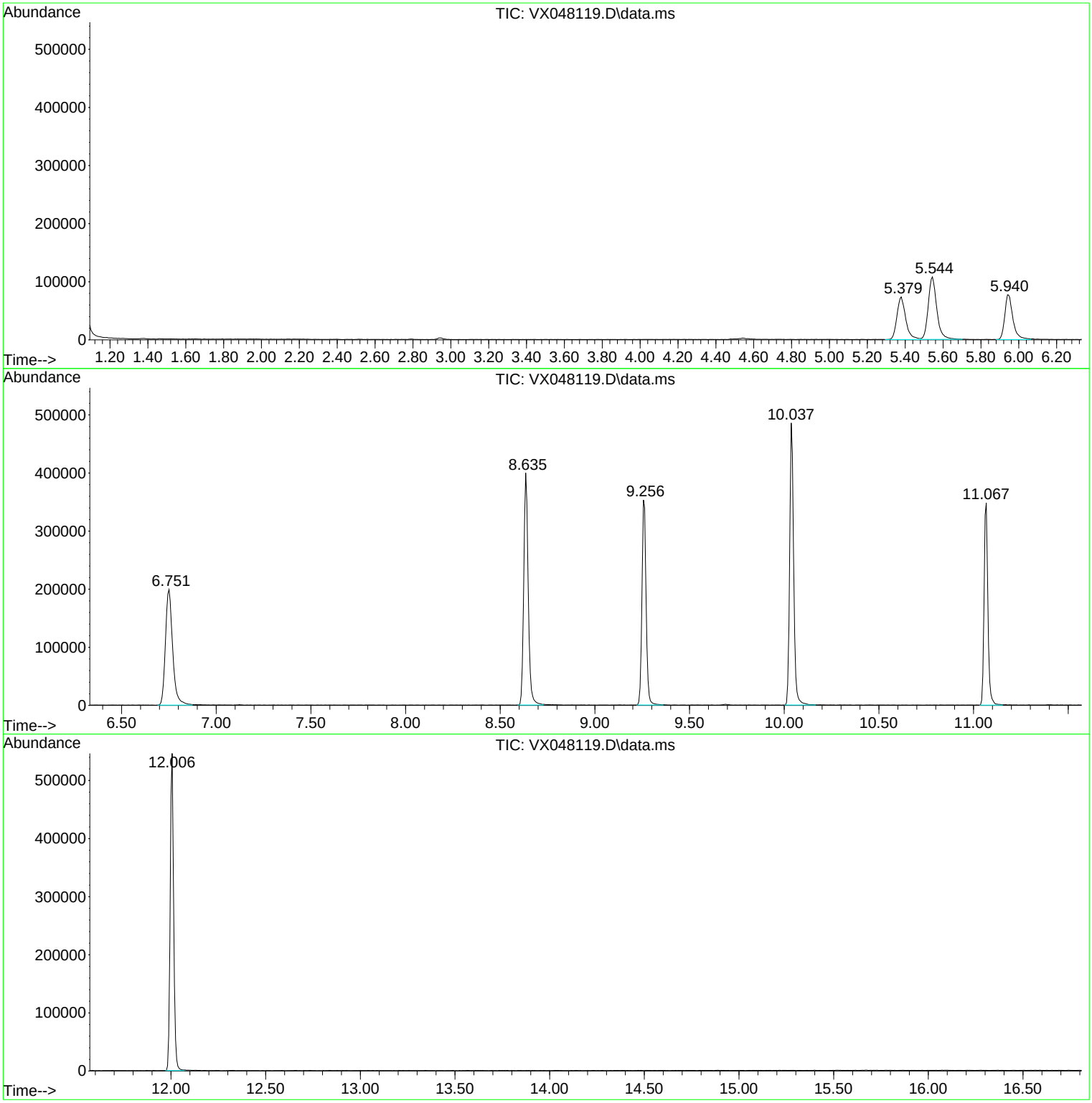
Sample Results: **VX048119.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048119.D
Acq On : 10 Oct 2025 17:37
Operator : JC/MD
Sample : Q3311-11 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048119.D
Acq On : 10 Oct 2025 17:37
Operator : JC/MD
Sample : Q3311-11 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048119.D
Acq On : 10 Oct 2025 17:37
Operator : JC/MD
Sample : Q3311-11 200X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-214D	SDG No.:	Q3311
Lab Sample ID:	Q3311-12	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 12:46	VX101325
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/13/25 12:46	VX101325
75-01-4	Vinyl Chloride	0.37	J	1	0.26	1.00	ug/L	10/13/25 12:46	VX101325
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/13/25 12:46	VX101325
75-00-3	Chloroethane	5.70		1	0.47	1.00	ug/L	10/13/25 12:46	VX101325
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/13/25 12:46	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/13/25 12:46	VX101325
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/13/25 12:46	VX101325
67-64-1	Acetone	7.80		1	1.50	5.00	ug/L	10/13/25 12:46	VX101325
75-15-0	Carbon Disulfide	2.40		1	0.21	1.00	ug/L	10/13/25 12:46	VX101325
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/13/25 12:46	VX101325
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/13/25 12:46	VX101325
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/13/25 12:46	VX101325
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/13/25 12:46	VX101325
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/13/25 12:46	VX101325
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/13/25 12:46	VX101325
78-93-3	2-Butanone	3.20	J	1	0.98	5.00	ug/L	10/13/25 12:46	VX101325
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/13/25 12:46	VX101325
156-59-2	cis-1,2-Dichloroethene	3.10		1	0.19	1.00	ug/L	10/13/25 12:46	VX101325
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 12:46	VX101325
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/13/25 12:46	VX101325
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/13/25 12:46	VX101325
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/13/25 12:46	VX101325
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/13/25 12:46	VX101325
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 12:46	VX101325
79-01-6	Trichloroethene	1.20		1	0.090	1.00	ug/L	10/13/25 12:46	VX101325
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/13/25 12:46	VX101325
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 12:46	VX101325
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/13/25 12:46	VX101325
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/13/25 12:46	VX101325
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/13/25 12:46	VX101325
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/13/25 12:46	VX101325
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/13/25 12:46	VX101325
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/13/25 12:46	VX101325
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/13/25 12:46	VX101325
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/13/25 12:46	VX101325
127-18-4	Tetrachloroethene	260	E	1	0.23	1.00	ug/L	10/13/25 12:46	VX101325
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/13/25 12:46	VX101325
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/13/25 12:46	VX101325
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/13/25 12:46	VX101325
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/13/25 12:46	VX101325
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/13/25 12:46	VX101325
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/13/25 12:46	VX101325

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-214D	SDG No.:	Q3311
Lab Sample ID:	Q3311-12	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/13/25 12:46	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/13/25 12:46	VX101325
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/13/25 12:46	VX101325
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/13/25 12:46	VX101325
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/13/25 12:46	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/13/25 12:46	VX101325
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/13/25 12:46	VX101325
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/13/25 12:46	VX101325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.9			74 - 125	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.6			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	50.3			86 - 113	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.0			77 - 121	114%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	146000							
540-36-3	1,4-Difluorobenzene	302000							
3114-55-4	Chlorobenzene-d5	311000							
3855-82-1	1,4-Dichlorobenzene-d4	151000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048135.D
Acq On : 13 Oct 2025 12:46
Operator : JC/MD
Sample : Q3311-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Quant Time: Oct 14 01:53:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

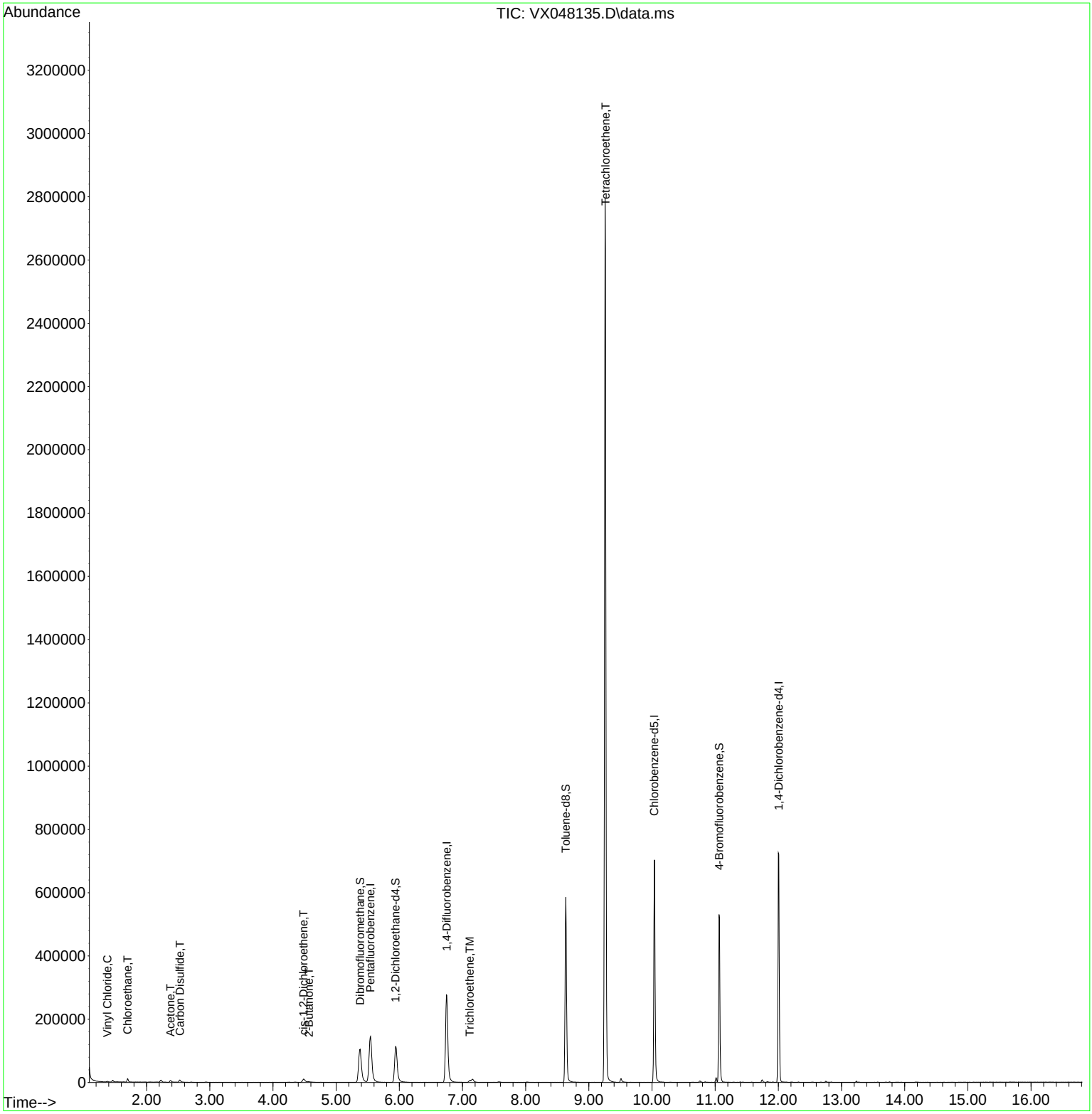
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	145817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	302188	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	311267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	125049	53.876	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.760%			
35) Dibromofluoromethane	5.379	113	102469	50.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.120%			
50) Toluene-d8	8.635	98	352570	50.277	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.560%			
62) 4-Bromofluorobenzene	11.061	95	151759	57.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.040%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.380	62	711	0.366	ug/l #	74
6) Chloroethane	1.697	64	7422	5.716	ug/l	92
16) Acetone	2.380	43	7850	7.778	ug/l	98
17) Carbon Disulfide	2.526	76	11310	2.385	ug/l	97
25) 2-Butanone	4.568	43	4085	3.245	ug/l #	83
27) cis-1,2-Dichloroethene	4.483	96	7101	3.109	ug/l	93
44) Trichloroethene	7.117	130	2640	1.214	ug/l	91
64) Tetrachloroethene	9.263	164	520386	256.457	ug/l	97

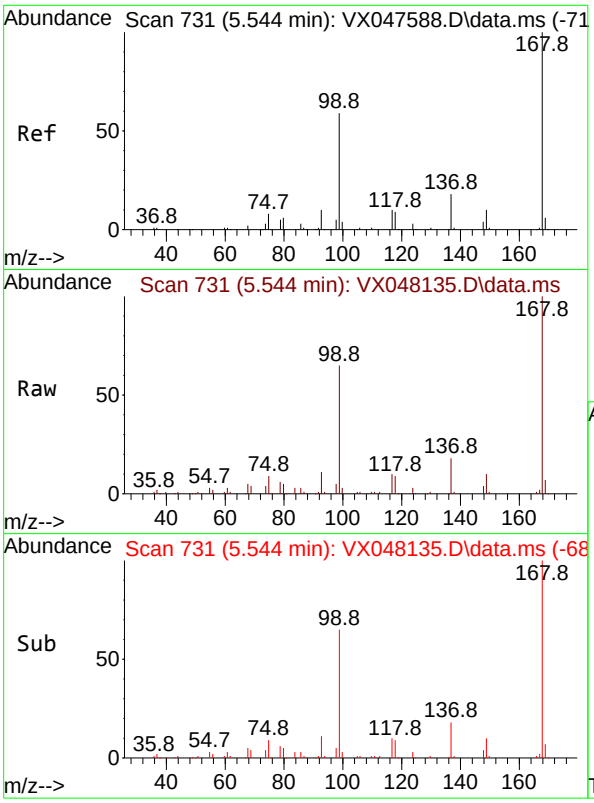
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048135.D
Acq On : 13 Oct 2025 12:46
Operator : JC/MD
Sample : Q3311-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Quant Time: Oct 14 01:53:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



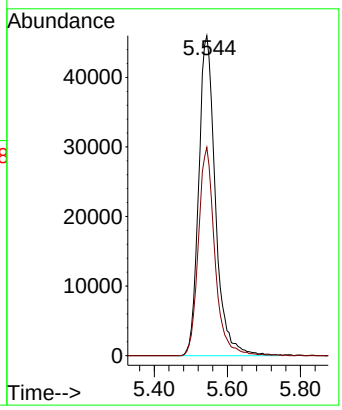


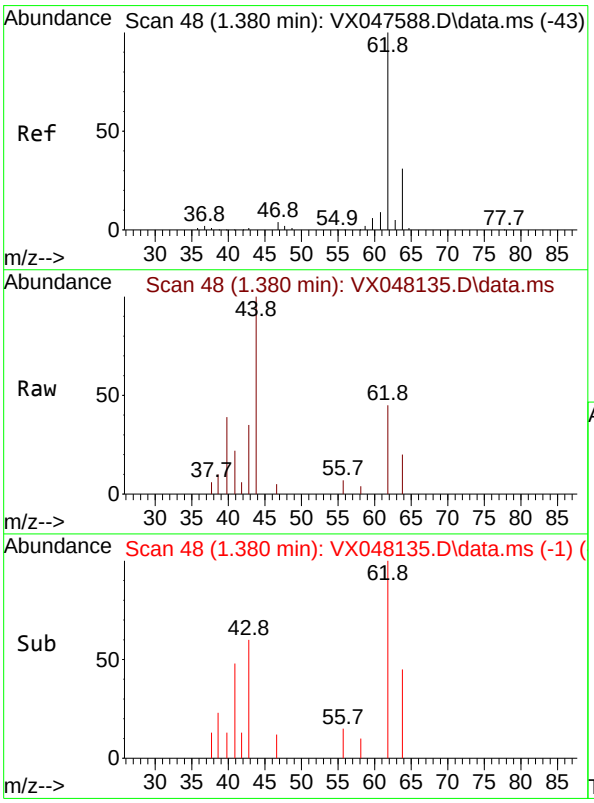
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Tgt Ion:168 Resp: 145817

Ion	Ratio	Lower	Upper
168	100		
99	65.1	48.8	73.2

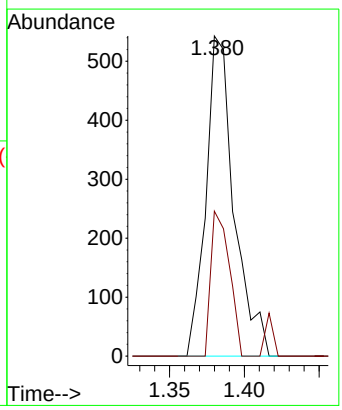


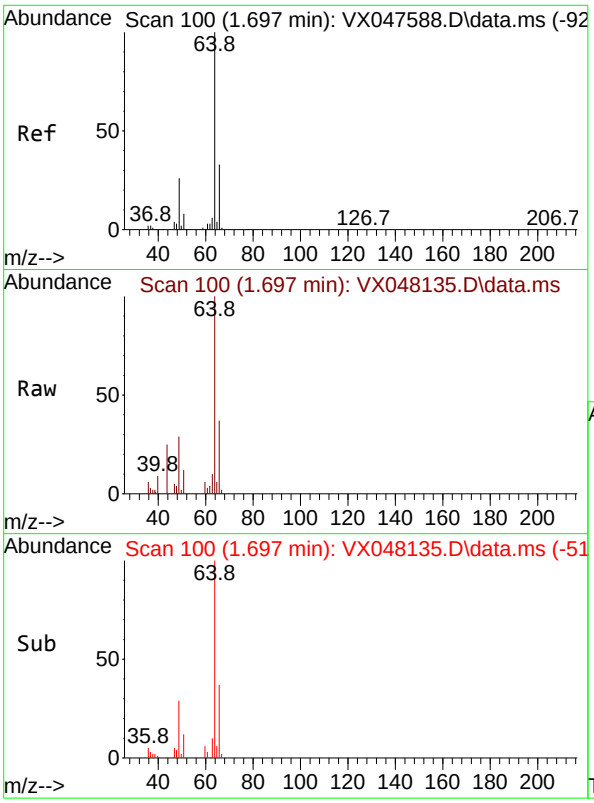


#4
Vinyl Chloride
Concen: 0.366 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Tgt Ion: 62 Resp: 711

Ion	Ratio	Lower	Upper
62	100		
64	45.3	24.9	37.3#



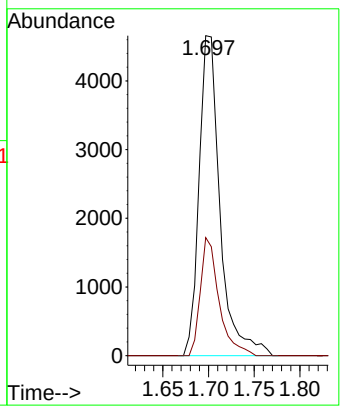


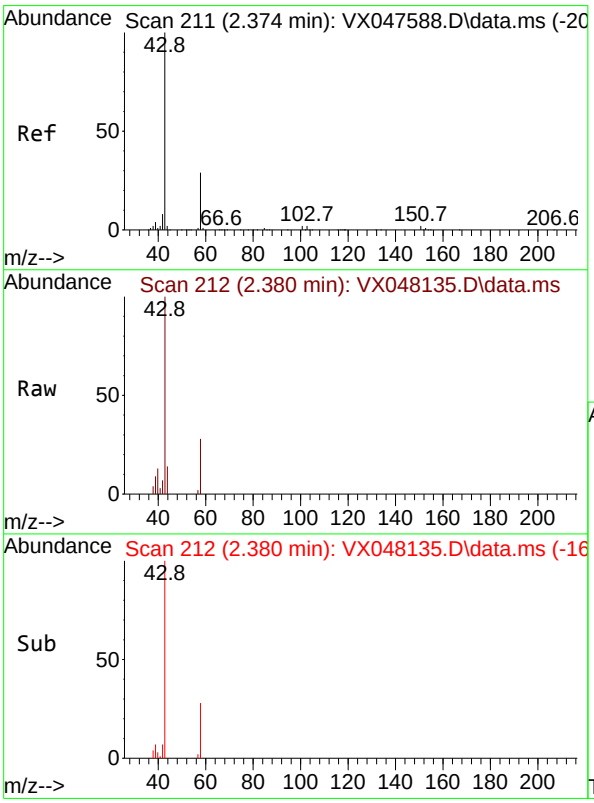
#6
Chloroethane
Concen: 5.716 ug/l
RT: 1.697 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Tgt Ion: 64 Resp: 7422

Ion	Ratio	Lower	Upper
64	100		
66	36.9	26.1	39.1

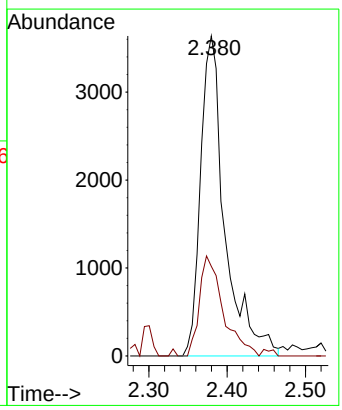


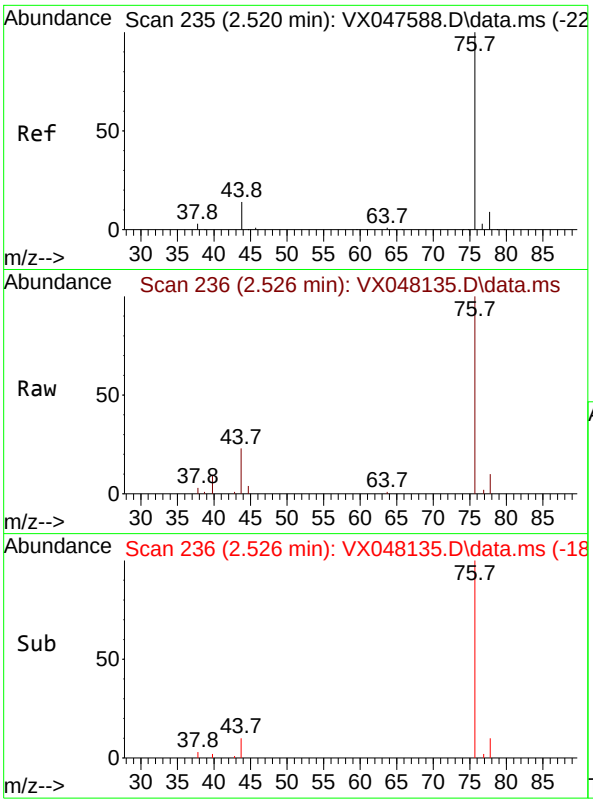


#16
Acetone
Concen: 7.778 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Tgt Ion: 43 Resp: 7850

Ion	Ratio	Lower	Upper
43	100		
58	28.0	23.4	35.0



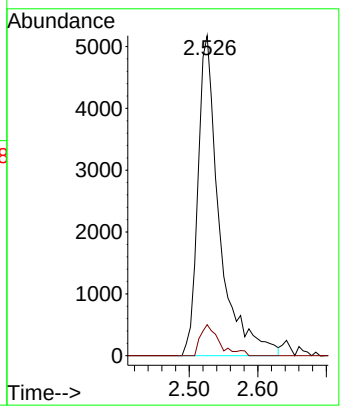


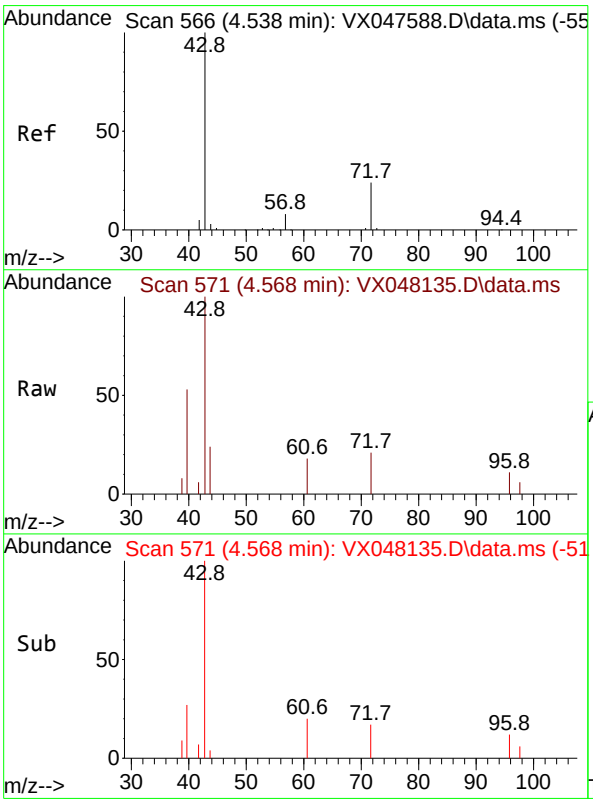
#17
Carbon Disulfide
Concen: 2.385 ug/l
RT: 2.526 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Tgt Ion: 76 Resp: 11310

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.8	10.2

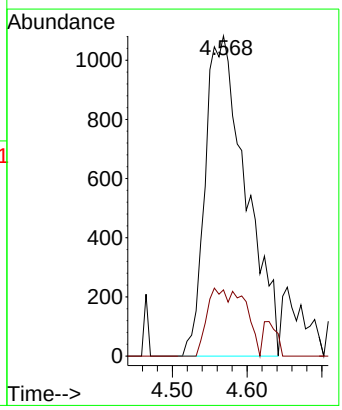


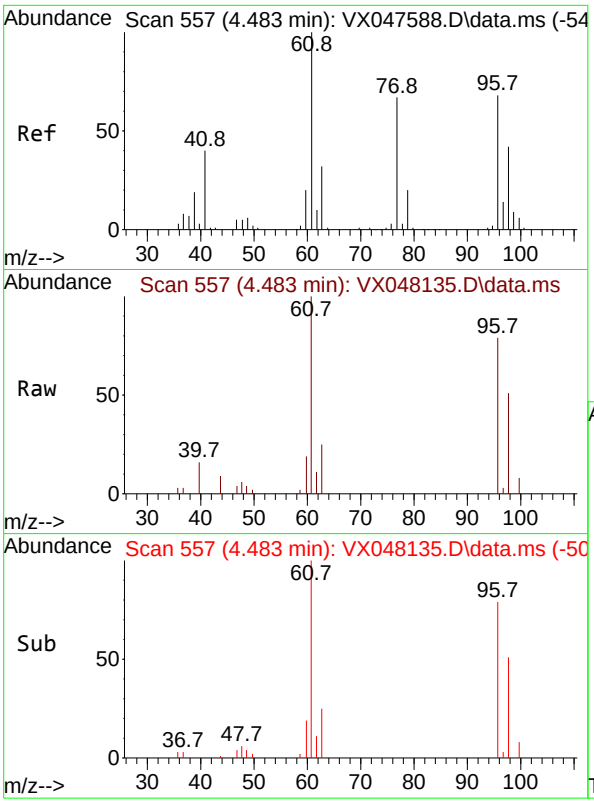


#25
2-Butanone
Concen: 3.245 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.031 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Tgt Ion: 43 Resp: 4085

Ion	Ratio	Lower	Upper
43	100		
72	16.6	20.1	30.1#



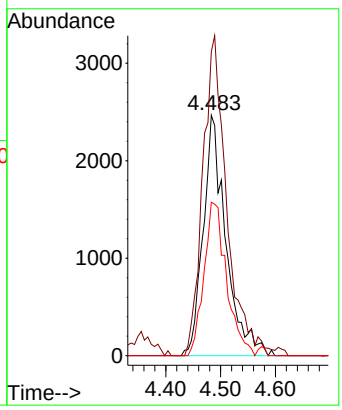


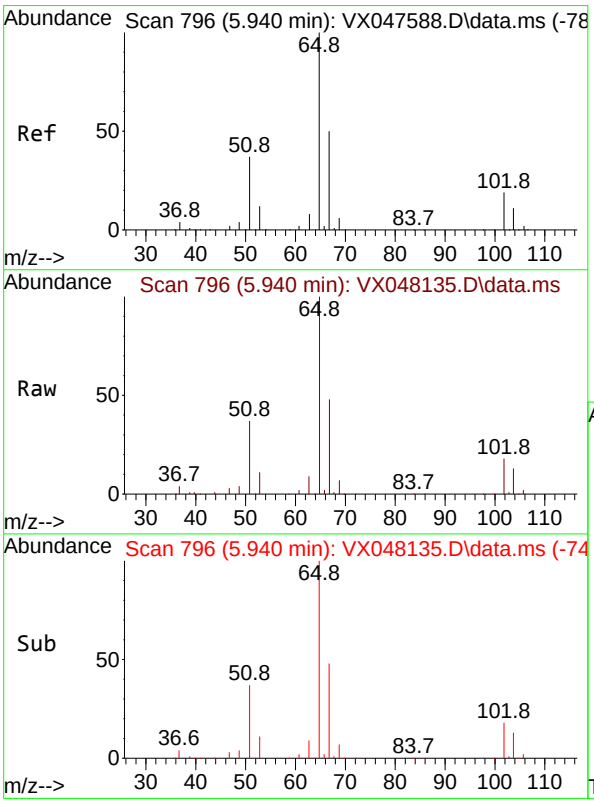
#27
cis-1,2-Dichloroethene
Concen: 3.109 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Tgt Ion: 96 Resp: 7101

Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	303.2
98	63.4	0.0	127.8

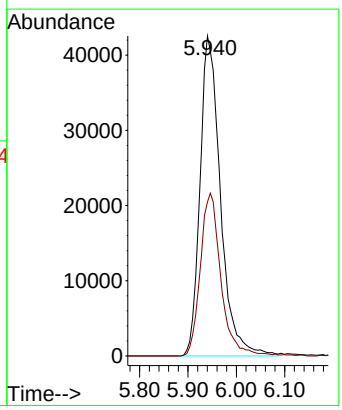


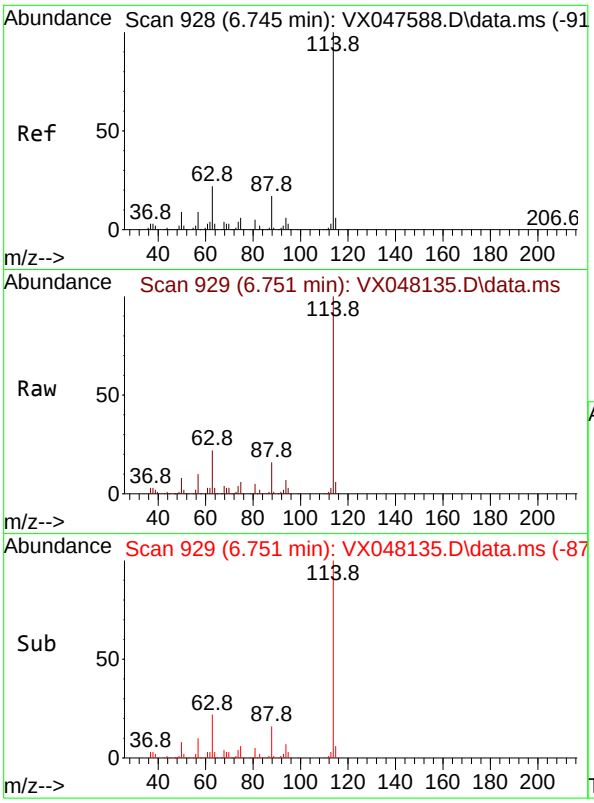


#33
1,2-Dichloroethane-d4
Concen: 53.876 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Tgt Ion: 65 Resp: 125049

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0



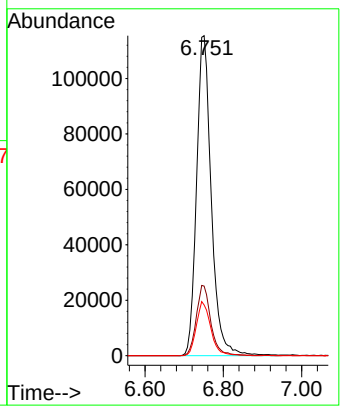


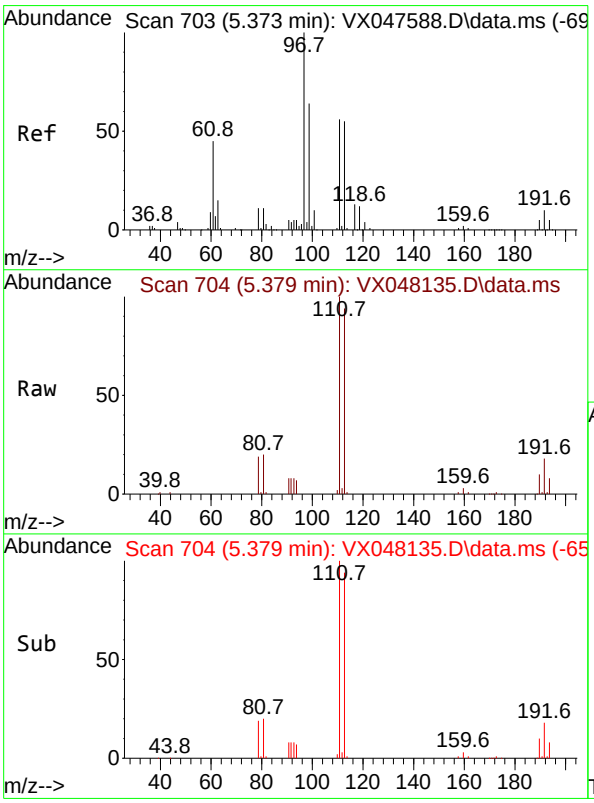
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Tgt Ion:114 Resp: 302188

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	15.9	0.0	34.2

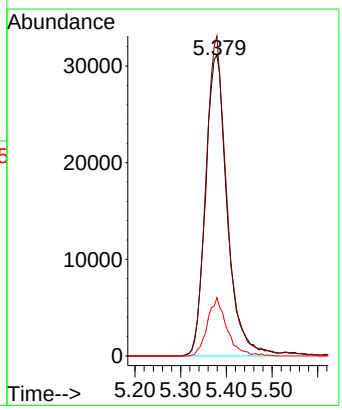


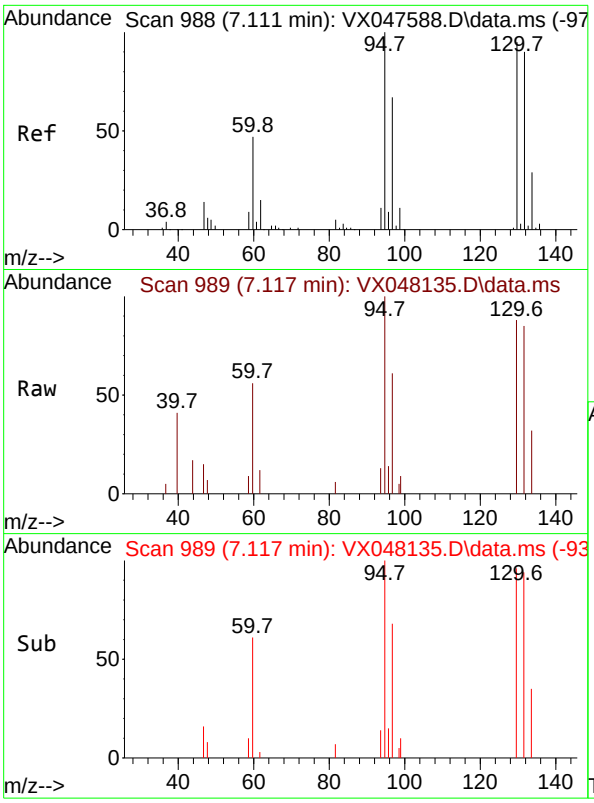


#35
Dibromofluoromethane
Concen: 50.561 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Tgt Ion:113 Resp: 102469

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.9	121.3
192	17.6	14.2	21.4



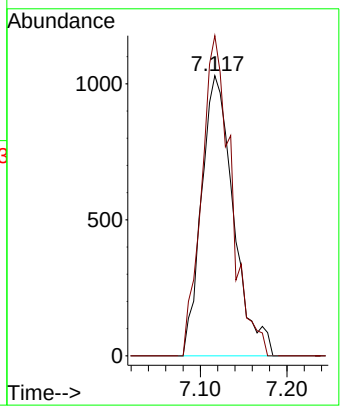


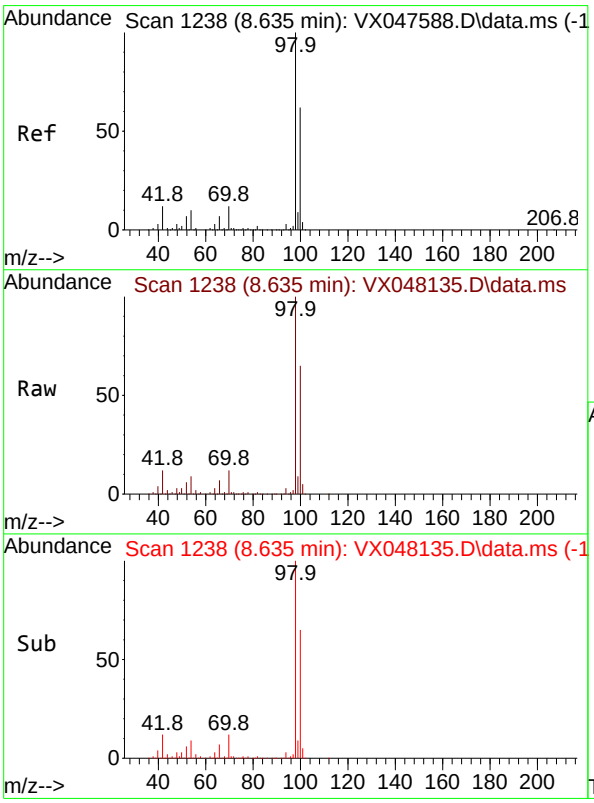
#44
Trichloroethene
Concen: 1.214 ug/l
RT: 7.117 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Tgt Ion:130 Resp: 2640

Ion	Ratio	Lower	Upper
130	100		
95	114.3	0.0	210.8

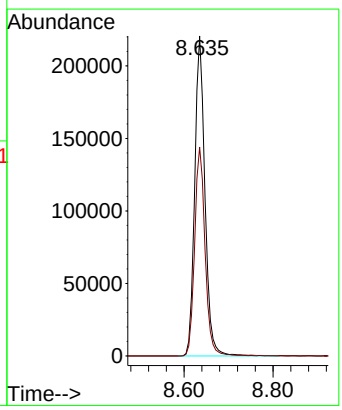


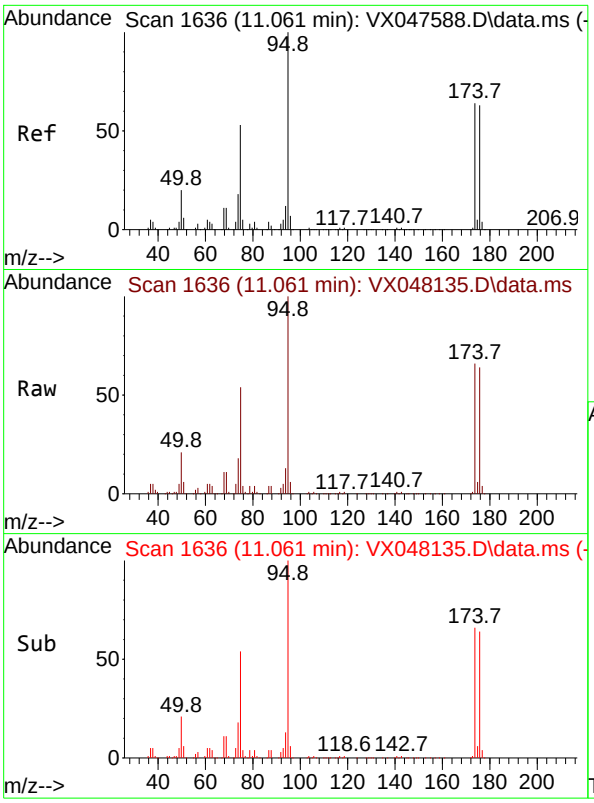


#50
Toluene-d8
Concen: 50.277 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Tgt Ion: 98 Resp: 352570

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4



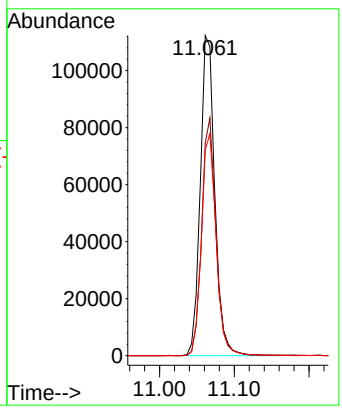


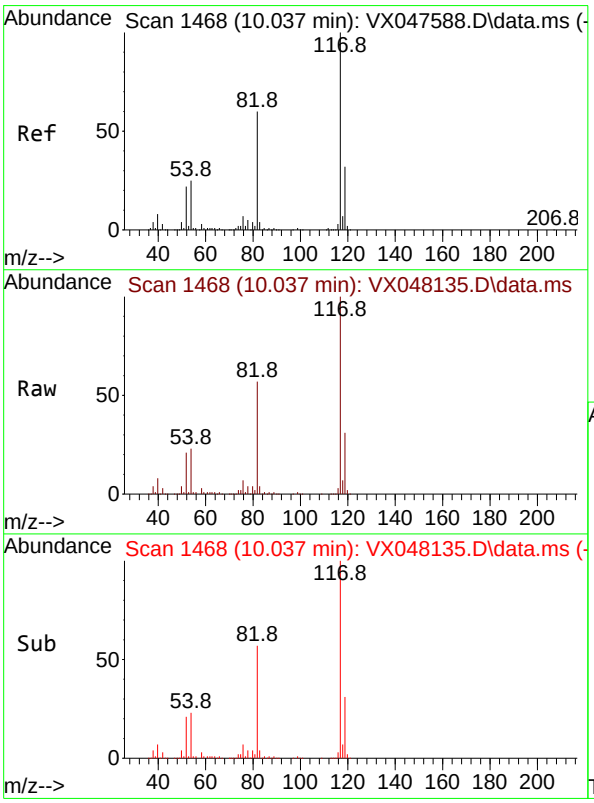
#62
4-Bromofluorobenzene
Concen: 57.022 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Tgt Ion: 95 Resp: 151759

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.6
176	70.2	0.0	138.4

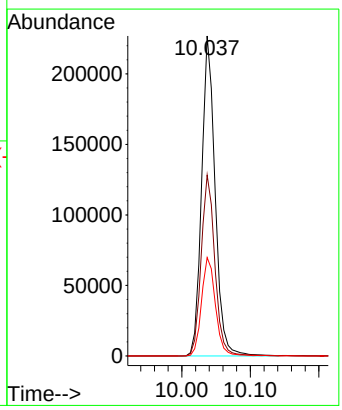


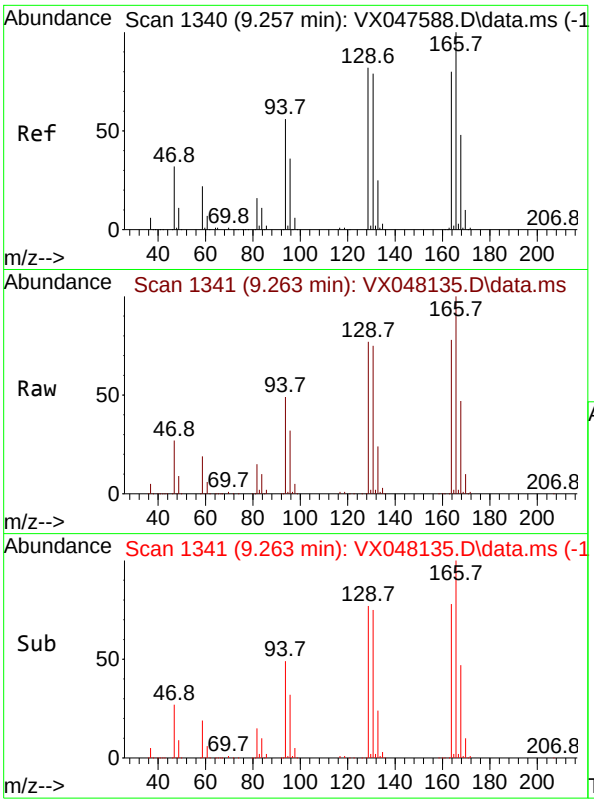


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Tgt Ion:117 Resp: 311267

Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.8	71.6
119	30.7	25.2	37.8



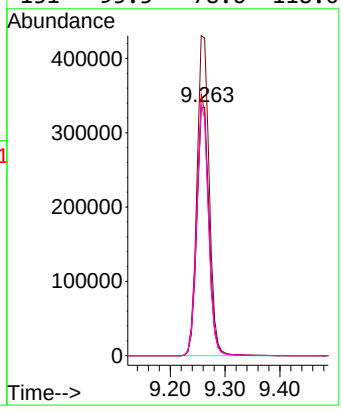


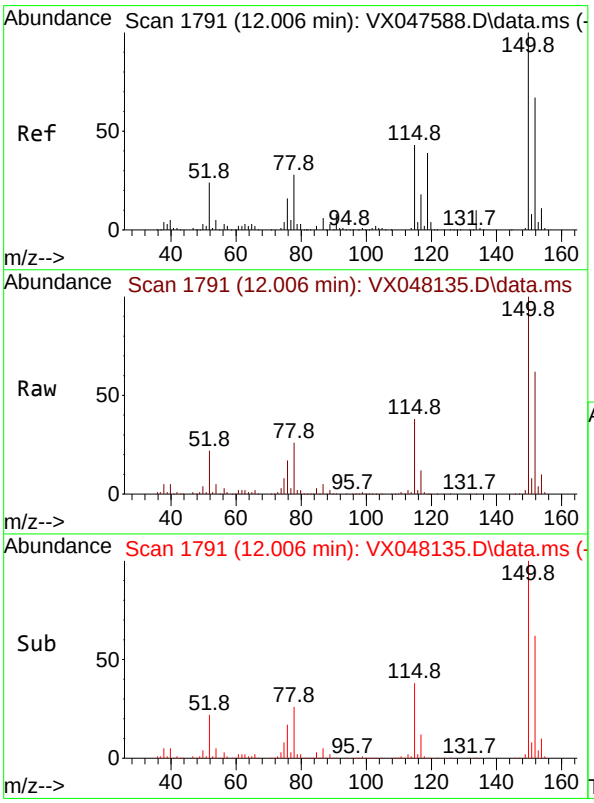
#64
Tetrachloroethene
Concen: 256.457 ug/l
RT: 9.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Tgt Ion:164 Resp: 520386

Ion	Ratio	Lower	Upper
164	100		
166	127.9	100.2	150.2
129	98.2	81.8	122.6
131	95.5	78.6	118.0

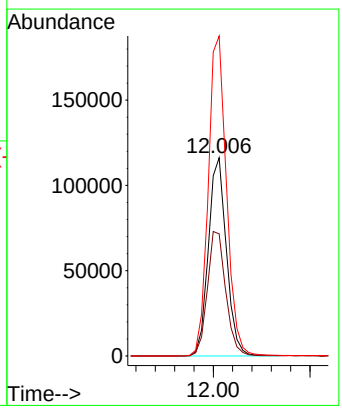




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048135.D
Acq: 13 Oct 2025 12:46

Tgt Ion:152 Resp: 151108

Ion	Ratio	Lower	Upper
152	100		
115	64.0	44.9	134.5
150	163.3	0.0	352.0



Sample Results: **VX048135.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048135.D
Acq On : 13 Oct 2025 12:46
Operator : JC/MD
Sample : Q3311-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048135.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.379	692	704	719	rBV3	104730	335694	7.93%	3.450%
2	5.544	720	731	757	rVB	144420	457140	10.80%	4.698%
3	5.940	786	796	816	rBV2	113342	337595	7.97%	3.469%
4	6.745	919	928	955	rBV	276393	724536	17.11%	7.445%
5	8.635	1231	1238	1259	rBV	585120	956689	22.60%	9.831%
6	9.257	1334	1340	1365	rVB	2792398	4233396	100.00%	43.503%
7	10.037	1462	1468	1484	rBV	703228	982125	23.20%	10.092%
8	11.061	1632	1636	1654	rVB	530045	727311	17.18%	7.474%
9	12.000	1785	1790	1802	rBV	725221	976879	23.08%	10.038%

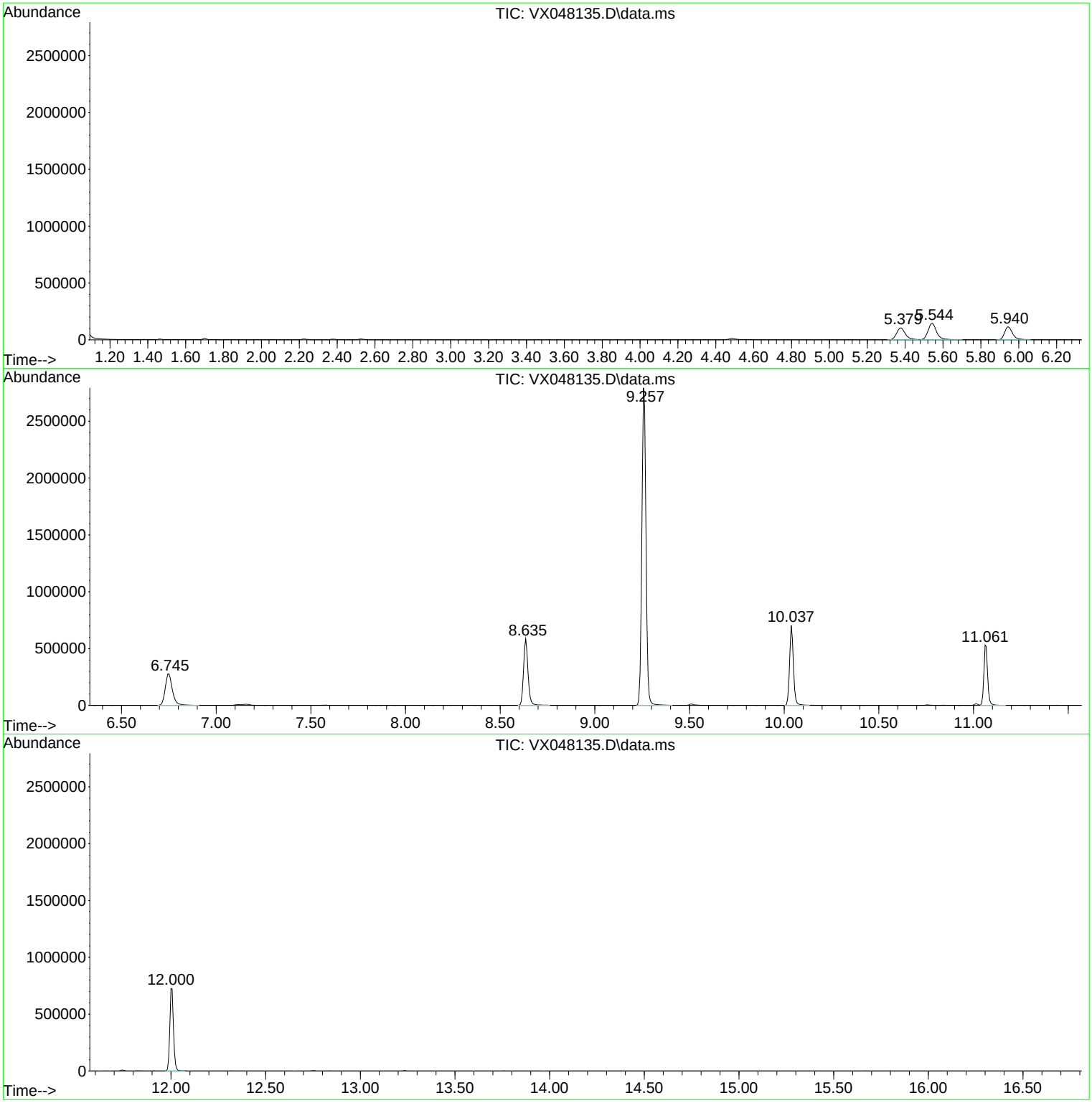
Sum of corrected areas: 9731365

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048135.D
Acq On : 13 Oct 2025 12:46
Operator : JC/MD
Sample : Q3311-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048135.D
Acq On : 13 Oct 2025 12:46
Operator : JC/MD
Sample : Q3311-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048135.D
Acq On : 13 Oct 2025 12:46
Operator : JC/MD
Sample : Q3311-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-214D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-214DDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-12DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	5.00	UD	5	1.10	5.00	ug/L	10/17/25 13:43	VX101725
74-87-3	Chloromethane	5.00	UD	5	1.60	5.00	ug/L	10/17/25 13:43	VX101725
75-01-4	Vinyl Chloride	5.00	UD	5	1.30	5.00	ug/L	10/17/25 13:43	VX101725
74-83-9	Bromomethane	25.0	UD	5	7.20	25.0	ug/L	10/17/25 13:43	VX101725
75-00-3	Chloroethane	8.80	D	5	2.40	5.00	ug/L	10/17/25 13:43	VX101725
75-69-4	Trichlorofluoromethane	5.00	UD	5	1.70	5.00	ug/L	10/17/25 13:43	VX101725
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5	1.30	5.00	ug/L	10/17/25 13:43	VX101725
75-35-4	1,1-Dichloroethene	5.00	UD	5	1.20	5.00	ug/L	10/17/25 13:43	VX101725
67-64-1	Acetone	25.0	UD	5	7.60	25.0	ug/L	10/17/25 13:43	VX101725
75-15-0	Carbon Disulfide	3.50	JD	5	1.10	5.00	ug/L	10/17/25 13:43	VX101725
1634-04-4	Methyl tert-butyl Ether	5.00	UD	5	0.80	5.00	ug/L	10/17/25 13:43	VX101725
79-20-9	Methyl Acetate	5.00	UD	5	1.40	5.00	ug/L	10/17/25 13:43	VX101725
75-09-2	Methylene Chloride	5.00	UD	5	1.40	5.00	ug/L	10/17/25 13:43	VX101725
156-60-5	trans-1,2-Dichloroethene	5.00	UD	5	1.20	5.00	ug/L	10/17/25 13:43	VX101725
75-34-3	1,1-Dichloroethane	5.00	UD	5	1.20	5.00	ug/L	10/17/25 13:43	VX101725
110-82-7	Cyclohexane	25.0	UD	5	7.30	25.0	ug/L	10/17/25 13:43	VX101725
78-93-3	2-Butanone	25.0	UD	5	4.90	25.0	ug/L	10/17/25 13:43	VX101725
56-23-5	Carbon Tetrachloride	5.00	UD	5	1.30	5.00	ug/L	10/17/25 13:43	VX101725
156-59-2	cis-1,2-Dichloroethene	5.00	UD	5	0.95	5.00	ug/L	10/17/25 13:43	VX101725
74-97-5	Bromochloromethane	5.00	UD	5	1.10	5.00	ug/L	10/17/25 13:43	VX101725
67-66-3	Chloroform	5.00	UD	5	1.30	5.00	ug/L	10/17/25 13:43	VX101725
71-55-6	1,1,1-Trichloroethane	5.00	UD	5	1.00	5.00	ug/L	10/17/25 13:43	VX101725
108-87-2	Methylcyclohexane	5.00	UD	5	0.80	5.00	ug/L	10/17/25 13:43	VX101725
71-43-2	Benzene	5.00	UD	5	0.75	5.00	ug/L	10/17/25 13:43	VX101725
107-06-2	1,2-Dichloroethane	5.00	UD	5	1.10	5.00	ug/L	10/17/25 13:43	VX101725
79-01-6	Trichloroethene	5.00	UD	5	0.47	5.00	ug/L	10/17/25 13:43	VX101725
78-87-5	1,2-Dichloropropane	5.00	UD	5	1.00	5.00	ug/L	10/17/25 13:43	VX101725
75-27-4	Bromodichloromethane	5.00	UD	5	1.10	5.00	ug/L	10/17/25 13:43	VX101725
108-10-1	4-Methyl-2-Pentanone	25.0	UD	5	3.40	25.0	ug/L	10/17/25 13:43	VX101725
108-88-3	Toluene	5.00	UD	5	0.70	5.00	ug/L	10/17/25 13:43	VX101725
10061-02-6	t-1,3-Dichloropropene	5.00	UD	5	0.85	5.00	ug/L	10/17/25 13:43	VX101725
10061-01-5	cis-1,3-Dichloropropene	5.00	UD	5	0.80	5.00	ug/L	10/17/25 13:43	VX101725
79-00-5	1,1,2-Trichloroethane	5.00	UD	5	1.10	5.00	ug/L	10/17/25 13:43	VX101725
591-78-6	2-Hexanone	25.0	UD	5	4.50	25.0	ug/L	10/17/25 13:43	VX101725
124-48-1	Dibromochloromethane	5.00	UD	5	0.90	5.00	ug/L	10/17/25 13:43	VX101725
106-93-4	1,2-Dibromoethane	5.00	UD	5	0.75	5.00	ug/L	10/17/25 13:43	VX101725
127-18-4	Tetrachloroethene	300	D	5	1.20	5.00	ug/L	10/17/25 13:43	VX101725
108-90-7	Chlorobenzene	5.00	UD	5	0.60	5.00	ug/L	10/17/25 13:43	VX101725
100-41-4	Ethyl Benzene	5.00	UD	5	0.65	5.00	ug/L	10/17/25 13:43	VX101725
179601-23-1	m/p-Xylenes	10.0	UD	5	1.20	10.0	ug/L	10/17/25 13:43	VX101725
95-47-6	o-Xylene	5.00	UD	5	0.60	5.00	ug/L	10/17/25 13:43	VX101725
100-42-5	Styrene	5.00	UD	5	0.75	5.00	ug/L	10/17/25 13:43	VX101725
75-25-2	Bromoform	5.00	UD	5	0.95	5.00	ug/L	10/17/25 13:43	VX101725

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-214DDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-12DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	5.00	UD	5	0.60	5.00	ug/L	10/17/25 13:43	VX101725
79-34-5	1,1,2,2-Tetrachloroethane	5.00	UD	5	1.30	5.00	ug/L	10/17/25 13:43	VX101725
541-73-1	1,3-Dichlorobenzene	5.00	UD	5	0.80	5.00	ug/L	10/17/25 13:43	VX101725
106-46-7	1,4-Dichlorobenzene	5.00	UD	5	0.95	5.00	ug/L	10/17/25 13:43	VX101725
95-50-1	1,2-Dichlorobenzene	5.00	UD	5	0.80	5.00	ug/L	10/17/25 13:43	VX101725
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	UD	5	2.70	5.00	ug/L	10/17/25 13:43	VX101725
120-82-1	1,2,4-Trichlorobenzene	5.00	UD	5	1.00	5.00	ug/L	10/17/25 13:43	VX101725
87-61-6	1,2,3-Trichlorobenzene	5.00	UD	5	1.00	5.00	ug/L	10/17/25 13:43	VX101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	58.1			74 - 125	116%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.6			75 - 124	107%	SPK: 50		
2037-26-5	Toluene-d8	50.2			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	61.4	*		77 - 121	123%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	83100							
540-36-3	1,4-Difluorobenzene	168000							
3114-55-4	Chlorobenzene-d5	177000							
3855-82-1	1,4-Dichlorobenzene-d4	85700							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048208.D
Acq On : 17 Oct 2025 13:43
Operator : JC/MD
Sample : Q3311-12DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

Quant Time: Oct 18 00:17:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

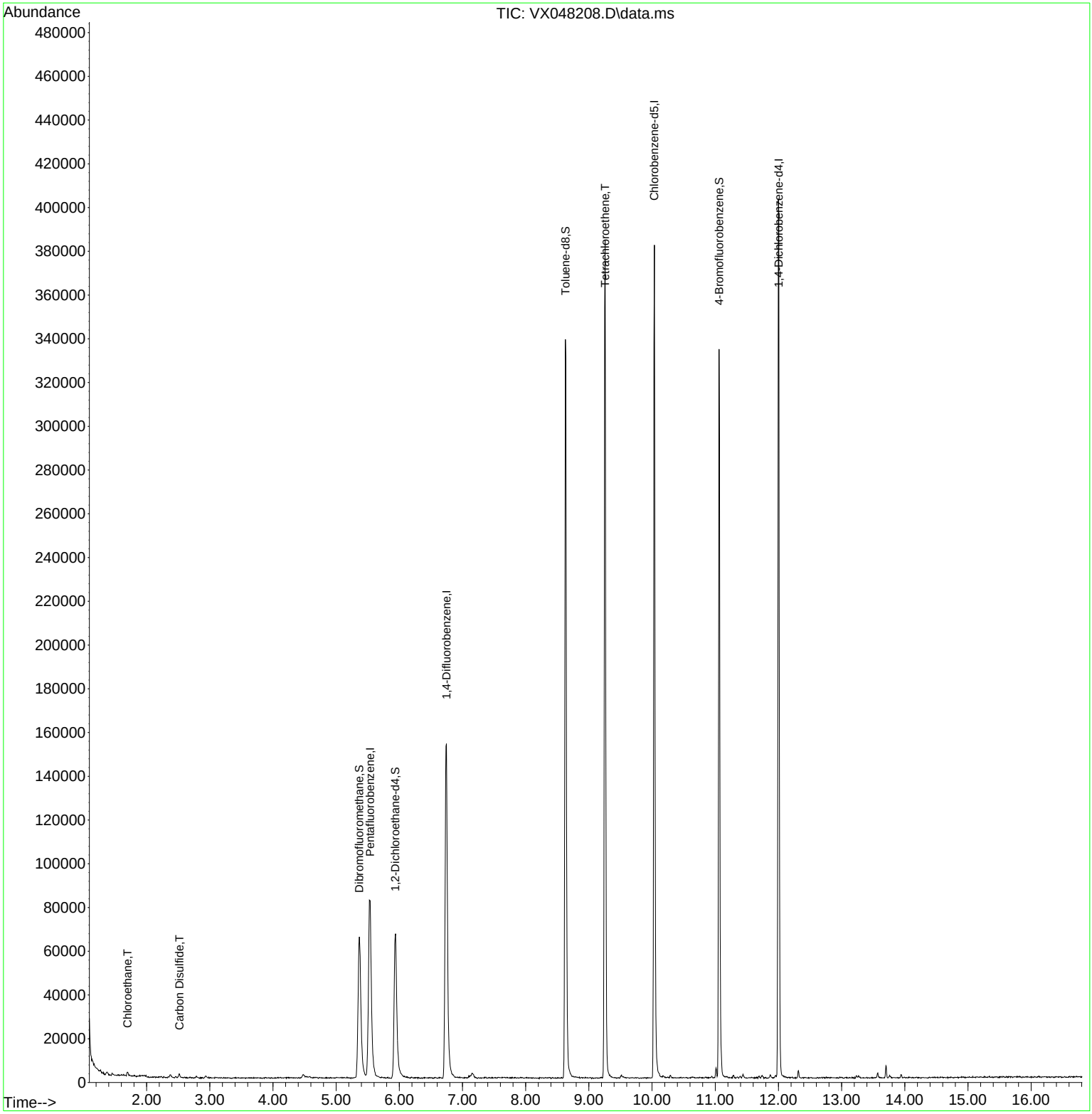
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	83059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	168187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	177290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	85687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	74775	58.112	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.220%			
35) Dibromofluoromethane	5.367	113	62512	53.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.100%			
50) Toluene-d8	8.628	98	211099	50.200	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.400%			
62) 4-Bromofluorobenzene	11.061	95	94031	61.393	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.780%			
Target Compounds						Qvalue
6) Chloroethane	1.697	64	1245	1.758	ug/l	99
17) Carbon Disulfide	2.520	76	2047	0.691	ug/l #	93
64) Tetrachloroethene	9.256	164	74512	59.941	ug/l	94

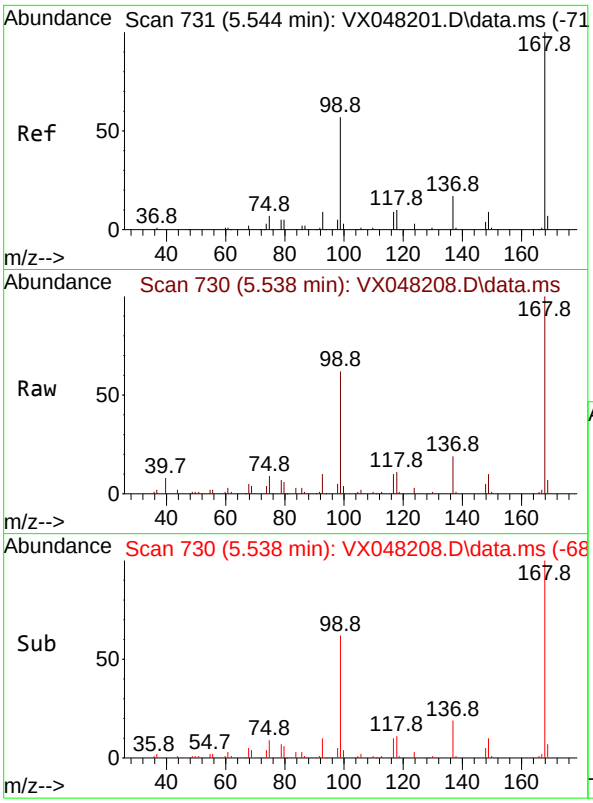
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048208.D
Acq On : 17 Oct 2025 13:43
Operator : JC/MD
Sample : Q3311-12DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

Quant Time: Oct 18 00:17:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration



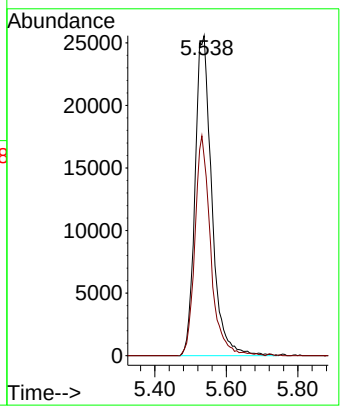


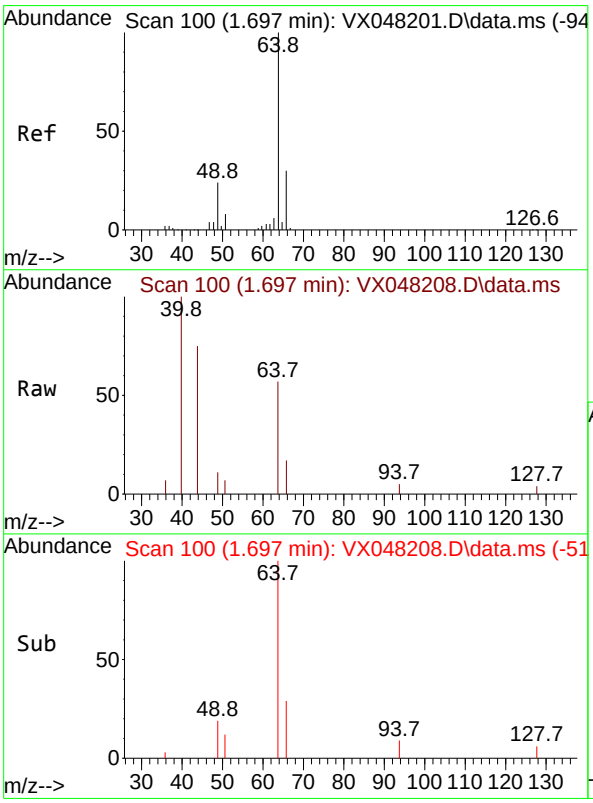
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

Tgt Ion:168 Resp: 83059

Ion	Ratio	Lower	Upper
168	100		
99	62.1	46.4	69.6

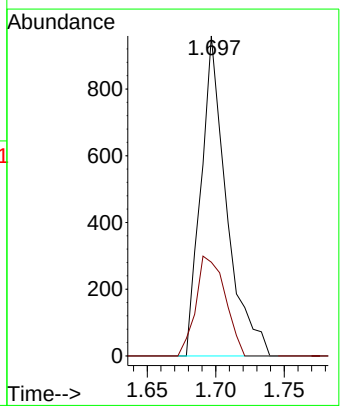


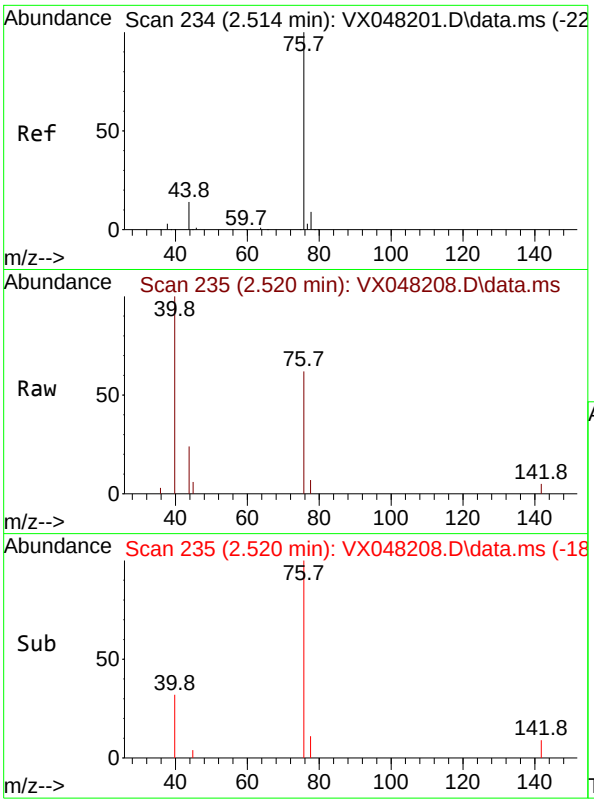


#6
Chloroethane
Concen: 1.758 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 64 Resp: 1245

Ion	Ratio	Lower	Upper
64	100		
66	29.3	23.9	35.9



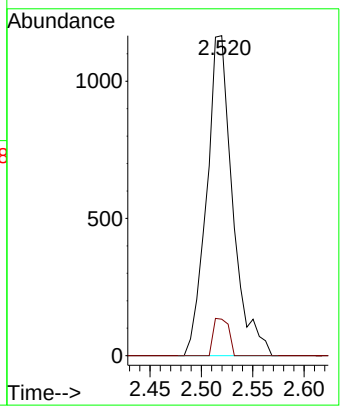


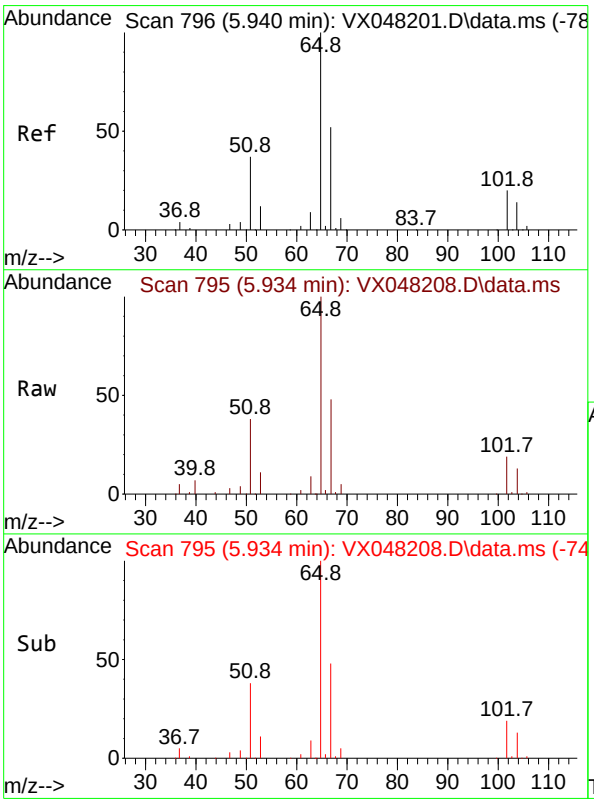
#17
Carbon Disulfide
Concen: 0.691 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

Tgt Ion: 76 Resp: 2047

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.1	10.7#

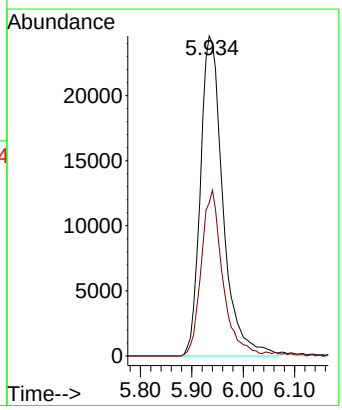


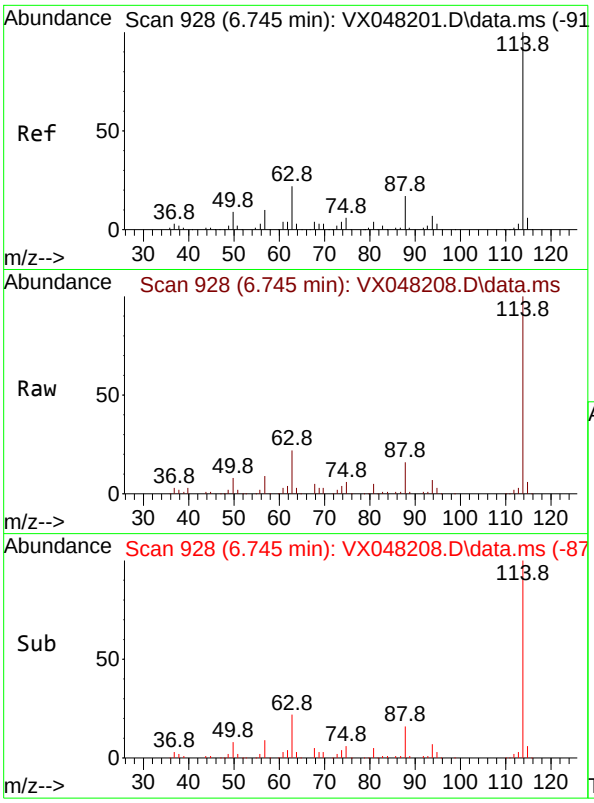


#33
1,2-Dichloroethane-d4
Concen: 58.112 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 65 Resp: 74775

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	105.0



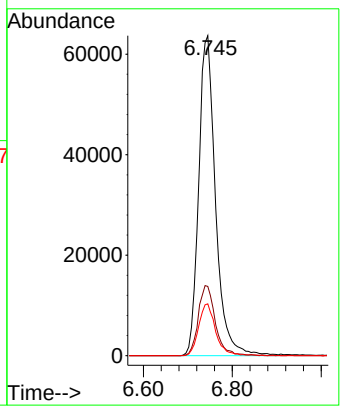


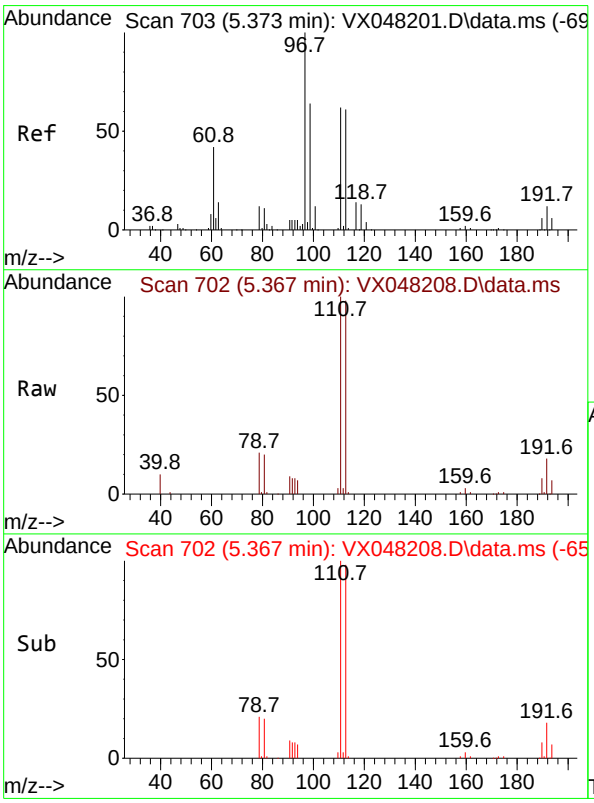
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

Tgt Ion:114 Resp: 168187

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	16.2	0.0	33.6

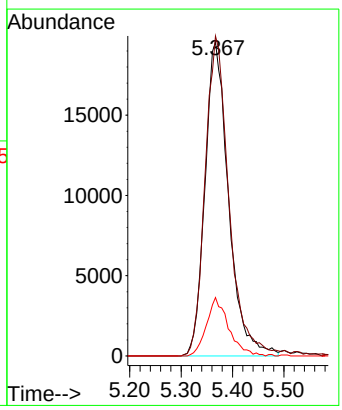


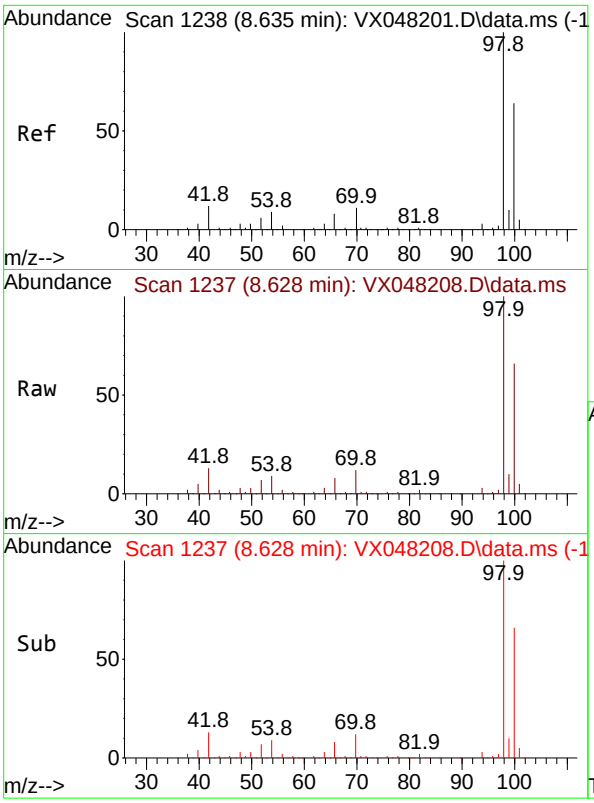


#35
Dibromofluoromethane
Concen: 53.554 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Tgt Ion:113 Resp: 62512

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	17.4	15.1	22.7



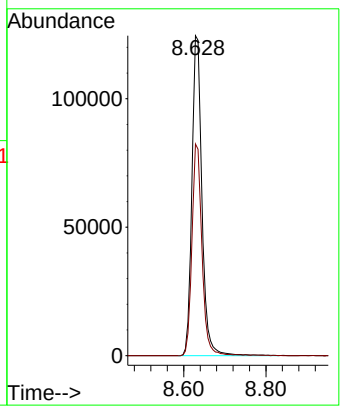


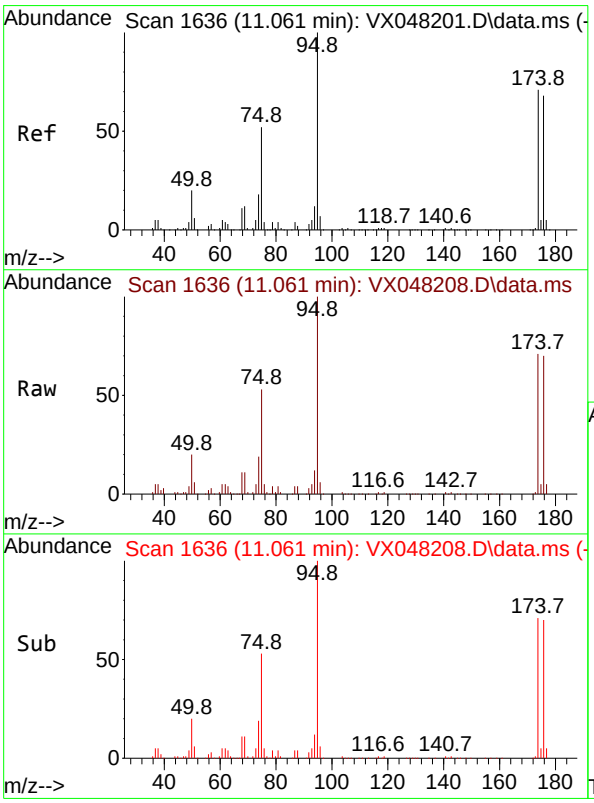
#50
Toluene-d8
Concen: 50.200 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

Tgt Ion: 98 Resp: 211099

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

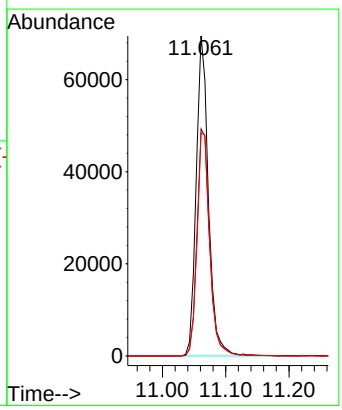


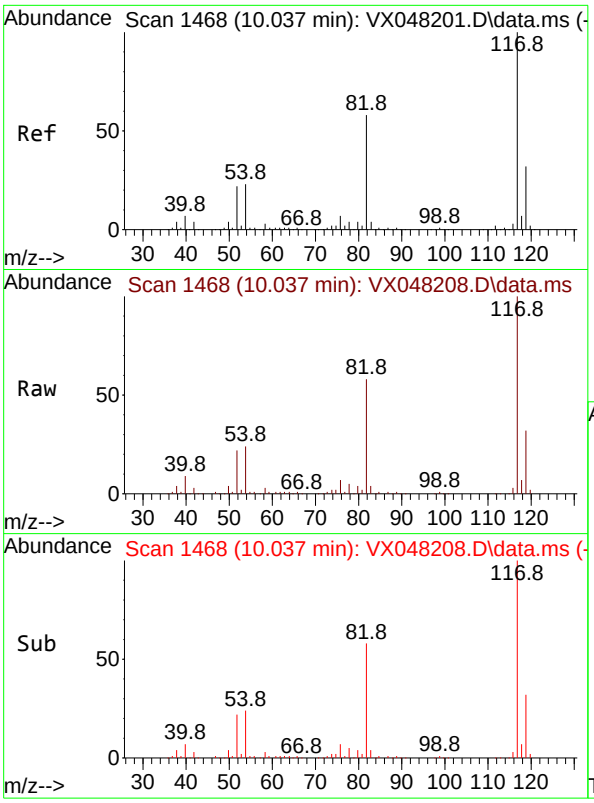


#62
4-Bromofluorobenzene
Concen: 61.393 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Tgt Ion: 95 Resp: 94031

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	147.8
176	71.9	0.0	142.8



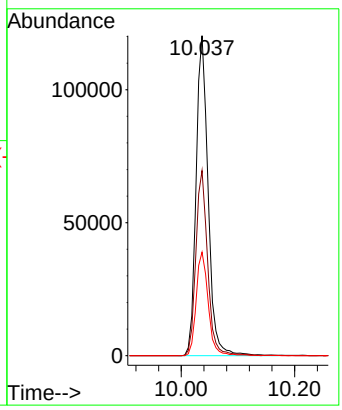


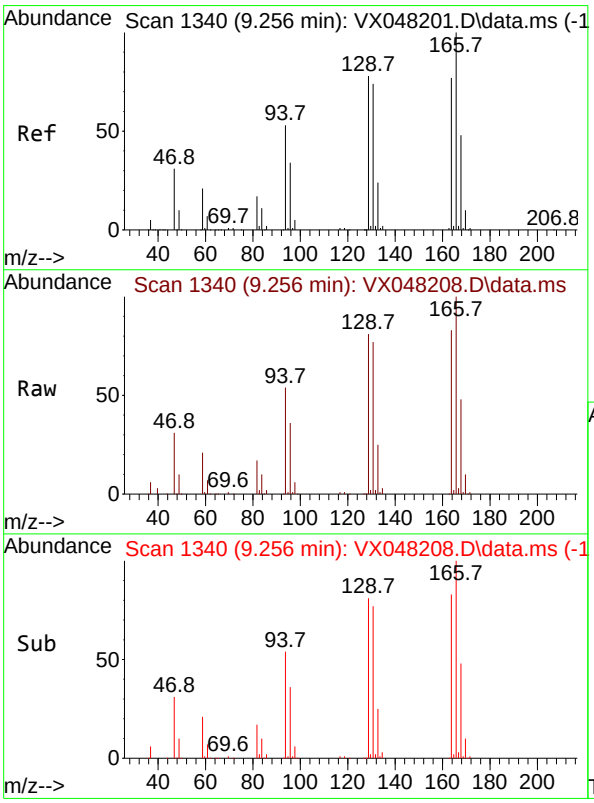
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

Tgt Ion:117 Resp: 177290

Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.5	69.7
119	32.3	25.9	38.9

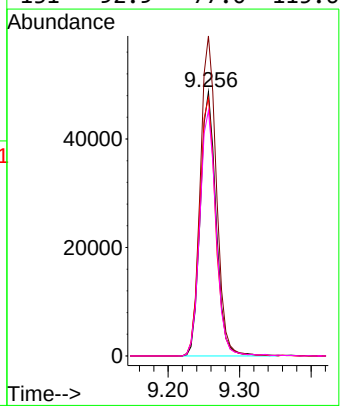


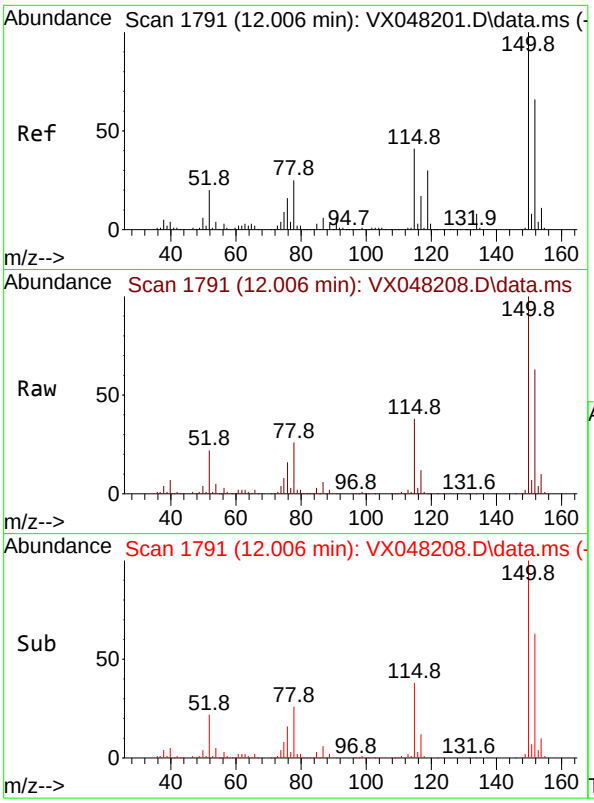


#64
Tetrachloroethene
Concen: 59.941 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Tgt Ion:164 Resp: 74512

Ion	Ratio	Lower	Upper
164	100		
166	121.1	104.5	156.7
129	97.7	81.8	122.6
131	92.9	77.0	115.6



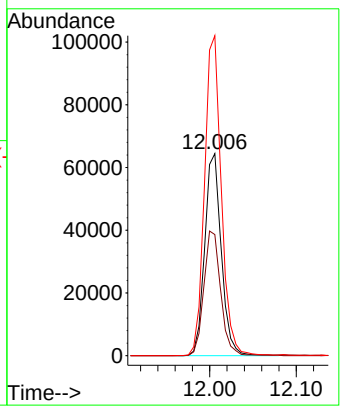


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048208.D
Acq: 17 Oct 2025 13:43

Instrument :
MSVOA_X
ClientSampleId :
MW-214DDL

Tgt Ion:152 Resp: 85687

Ion	Ratio	Lower	Upper
152	100		
115	62.8	43.1	129.4
150	160.2	0.0	353.0



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-215D	SDG No.:	Q3311
Lab Sample ID:	Q3311-13	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 13:27	VX101325
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/13/25 13:27	VX101325
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/13/25 13:27	VX101325
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/13/25 13:27	VX101325
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/13/25 13:27	VX101325
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/13/25 13:27	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/13/25 13:27	VX101325
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/13/25 13:27	VX101325
67-64-1	Acetone	1.90	J	1	1.50	5.00	ug/L	10/13/25 13:27	VX101325
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/13/25 13:27	VX101325
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/13/25 13:27	VX101325
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/13/25 13:27	VX101325
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/13/25 13:27	VX101325
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/13/25 13:27	VX101325
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/13/25 13:27	VX101325
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/13/25 13:27	VX101325
78-93-3	2-Butanone	4.30	J	1	0.98	5.00	ug/L	10/13/25 13:27	VX101325
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/13/25 13:27	VX101325
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	0.19	1.00	ug/L	10/13/25 13:27	VX101325
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 13:27	VX101325
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/13/25 13:27	VX101325
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/13/25 13:27	VX101325
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/13/25 13:27	VX101325
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/13/25 13:27	VX101325
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 13:27	VX101325
79-01-6	Trichloroethene	0.54	J	1	0.090	1.00	ug/L	10/13/25 13:27	VX101325
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/13/25 13:27	VX101325
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 13:27	VX101325
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/13/25 13:27	VX101325
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/13/25 13:27	VX101325
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/13/25 13:27	VX101325
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/13/25 13:27	VX101325
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/13/25 13:27	VX101325
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/13/25 13:27	VX101325
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/13/25 13:27	VX101325
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/13/25 13:27	VX101325
127-18-4	Tetrachloroethene	190	E	1	0.23	1.00	ug/L	10/13/25 13:27	VX101325
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/13/25 13:27	VX101325
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/13/25 13:27	VX101325
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/13/25 13:27	VX101325
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/13/25 13:27	VX101325
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/13/25 13:27	VX101325
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/13/25 13:27	VX101325

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-215D	SDG No.:	Q3311
Lab Sample ID:	Q3311-13	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/13/25 13:27	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/13/25 13:27	VX101325
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/13/25 13:27	VX101325
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/13/25 13:27	VX101325
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/13/25 13:27	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/13/25 13:27	VX101325
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/13/25 13:27	VX101325
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/13/25 13:27	VX101325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.8			74 - 125	110%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.6			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	48.9			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.7			77 - 121	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	133000							
540-36-3	1,4-Difluorobenzene	278000							
3114-55-4	Chlorobenzene-d5	287000							
3855-82-1	1,4-Dichlorobenzene-d4	142000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048137.D
Acq On : 13 Oct 2025 13:27
Operator : JC/MD
Sample : Q3311-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Quant Time: Oct 14 01:54:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

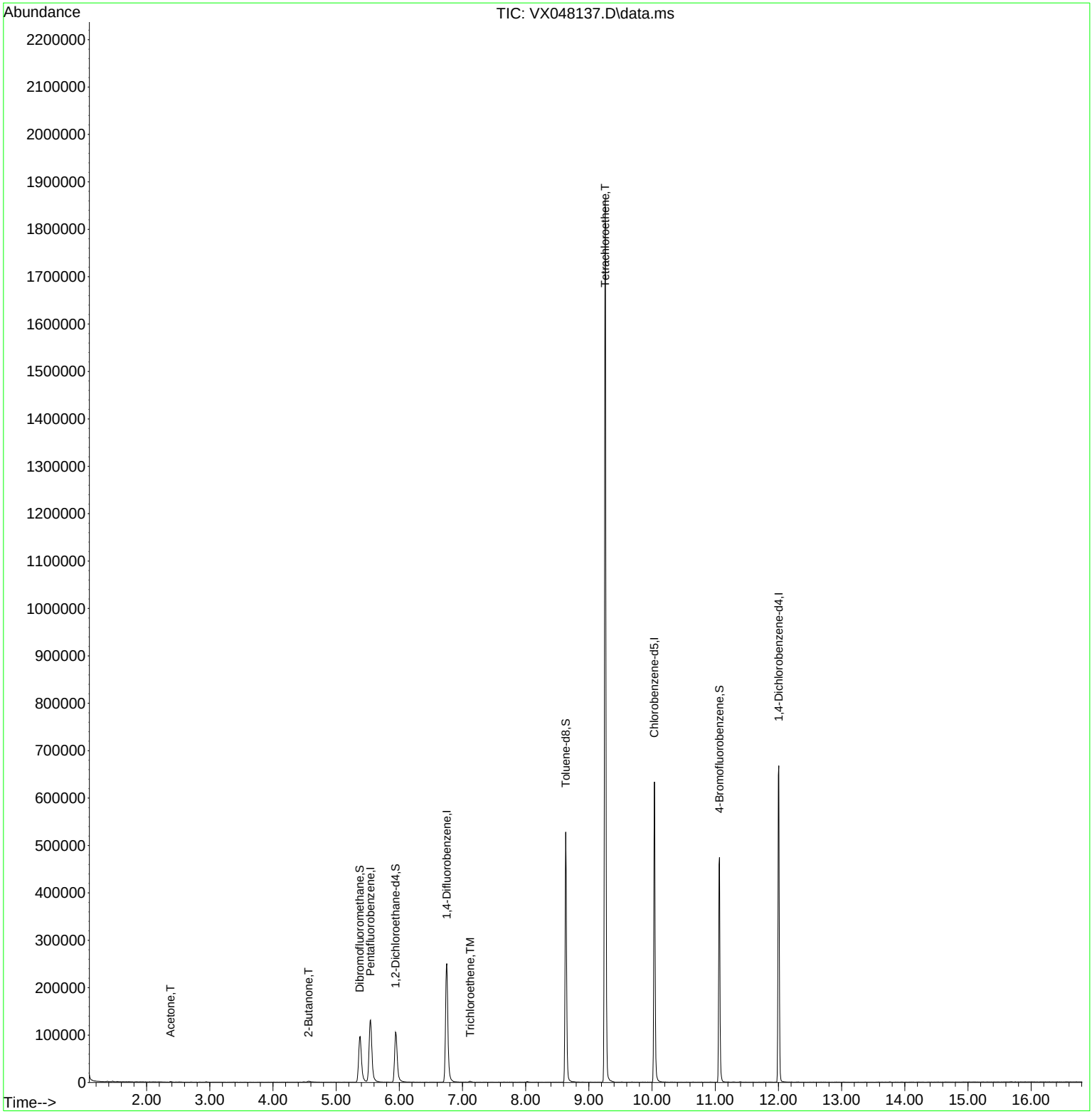
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	132600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	277826	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	287289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	115745	54.838	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.680%			
35) Dibromofluoromethane	5.373	113	94255	50.586	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.180%			
50) Toluene-d8	8.635	98	315217	48.892	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.067	95	138613	56.650	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.300%			
Target Compounds						Qvalue
16) Acetone	2.380	43	1749	1.906	ug/l	91
25) 2-Butanone	4.562	43	4914	4.293	ug/l #	85
44) Trichloroethene	7.123	130	1076	0.538	ug/l	60
64) Tetrachloroethene	9.257	164	348954	186.325	ug/l	99

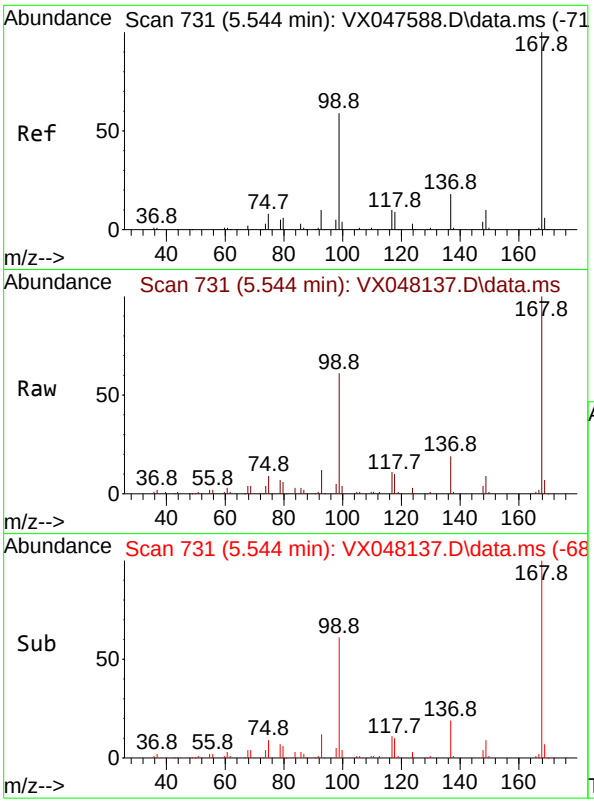
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048137.D
Acq On : 13 Oct 2025 13:27
Operator : JC/MD
Sample : Q3311-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Quant Time: Oct 14 01:54:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



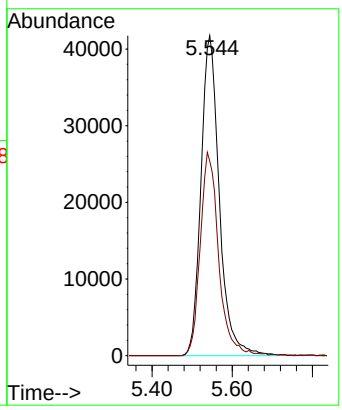


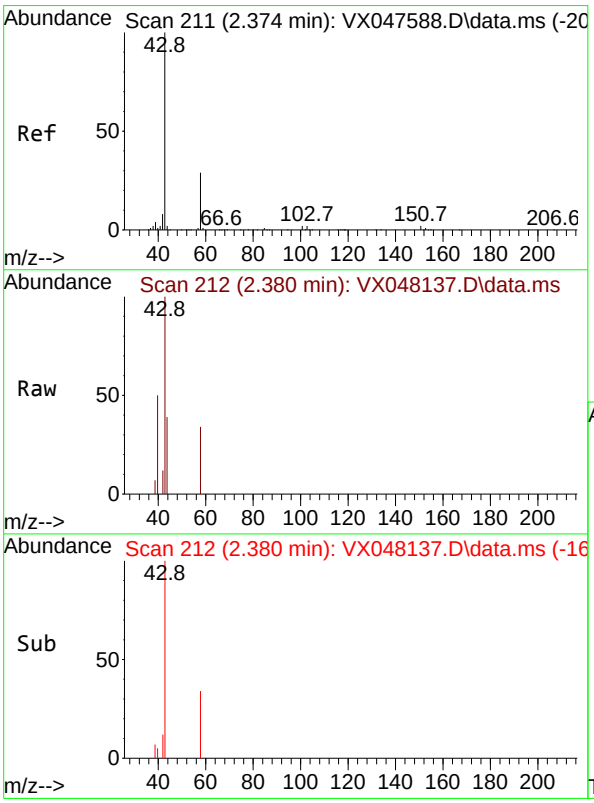
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Tgt Ion:168 Resp: 132600

Ion	Ratio	Lower	Upper
168	100		
99	60.9	48.8	73.2

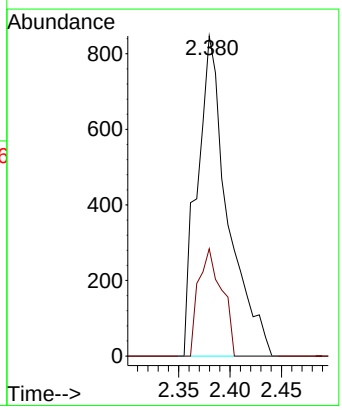


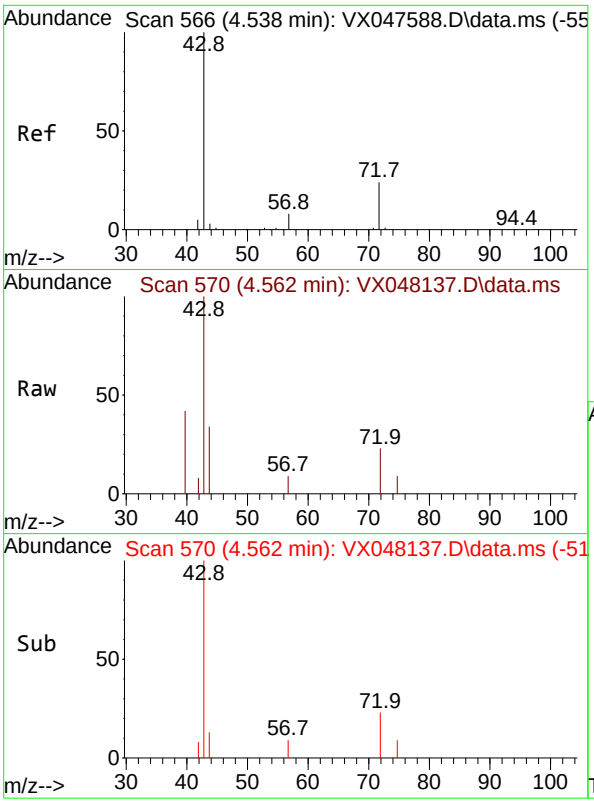


#16
Acetone
Concen: 1.906 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion: 43 Resp: 1749

Ion	Ratio	Lower	Upper
43	100		
58	24.1	23.4	35.0



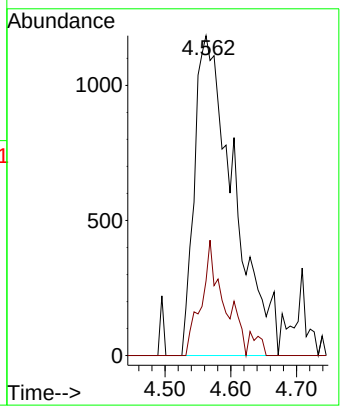


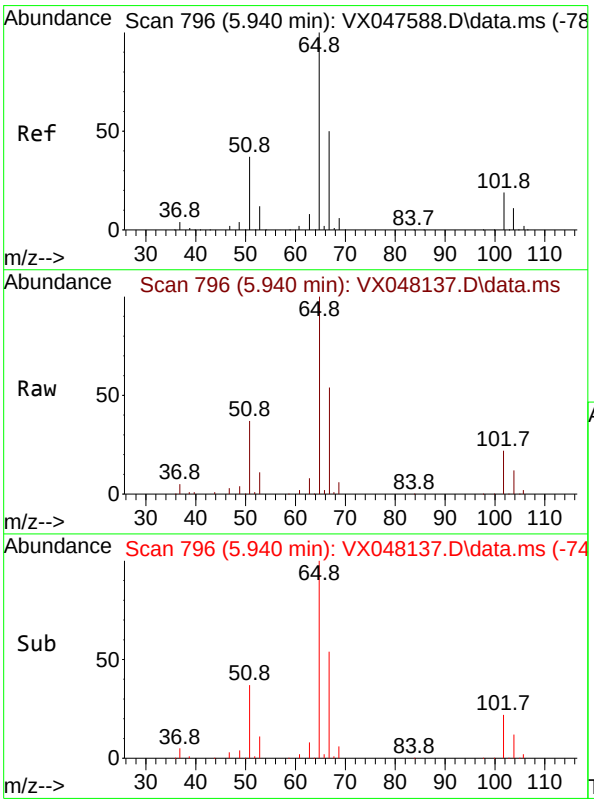
#25
2-Butanone
Concen: 4.293 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.024 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Tgt Ion: 43 Resp: 4914

Ion	Ratio	Lower	Upper
43	100		
72	17.4	20.1	30.1#

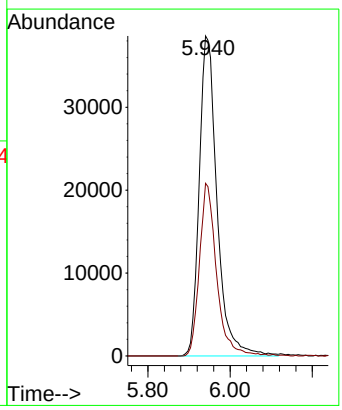


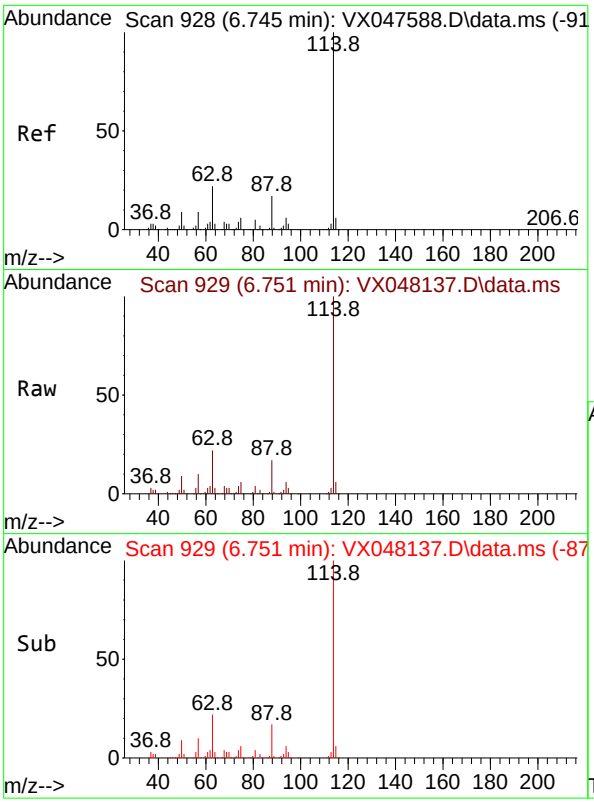


#33
1,2-Dichloroethane-d4
Concen: 54.838 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion: 65 Resp: 115745

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.0



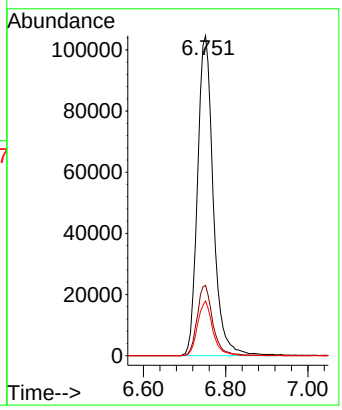


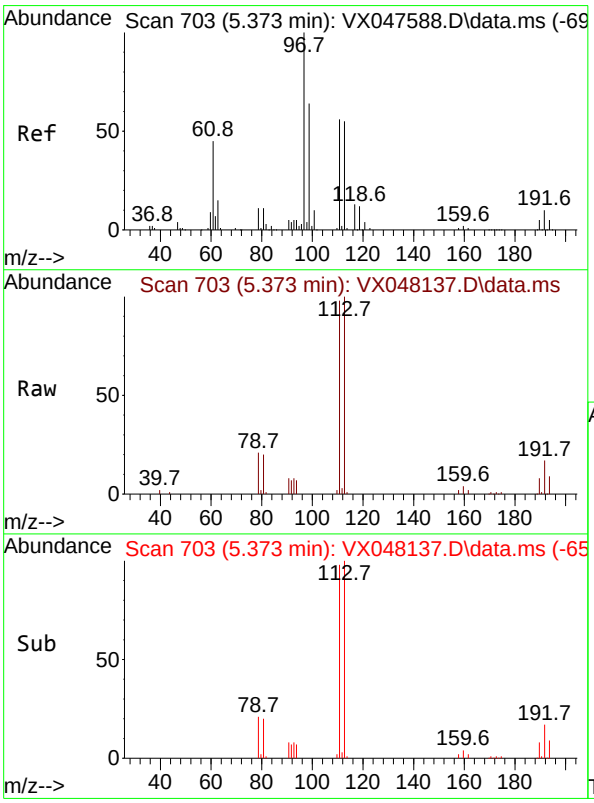
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Tgt Ion:114 Resp: 277826

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	17.1	0.0	34.2

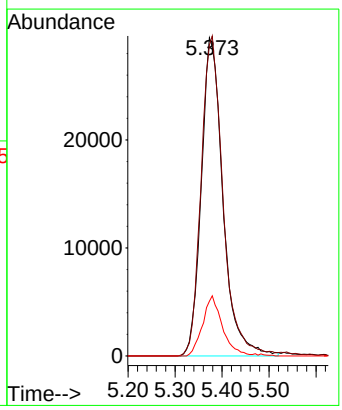


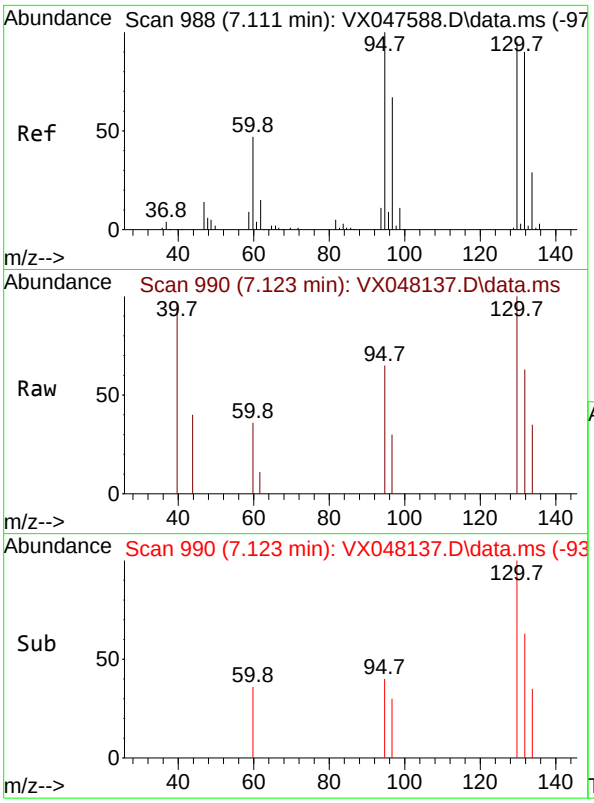


#35
Dibromofluoromethane
Concen: 50.586 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion:113 Resp: 94255

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.9	121.3
192	17.3	14.2	21.4



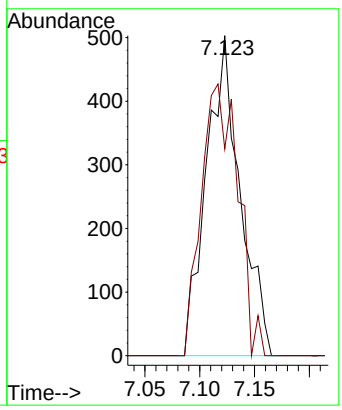


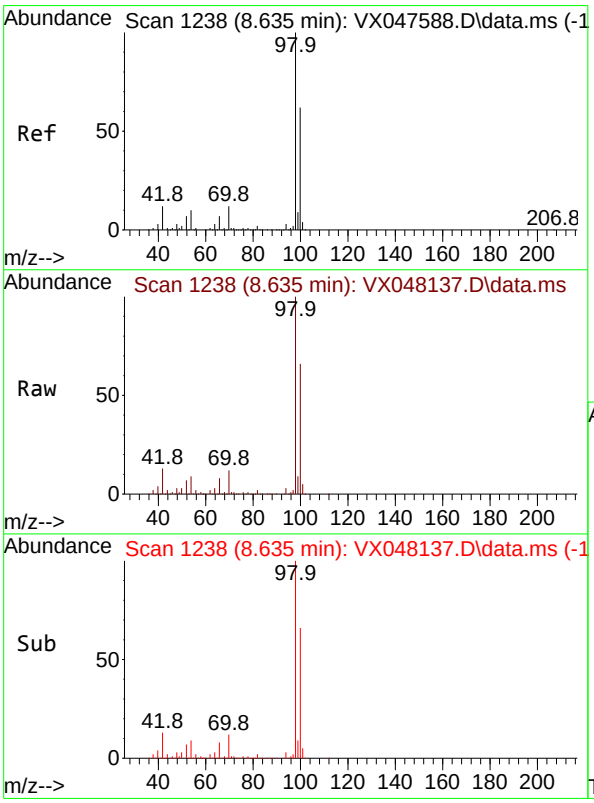
#44
Trichloroethene
Concen: 0.538 ug/l
RT: 7.123 min Scan# 9
Delta R.T. 0.012 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Tgt Ion:130 Resp: 1076

Ion	Ratio	Lower	Upper
130	100		
95	64.6	0.0	210.8

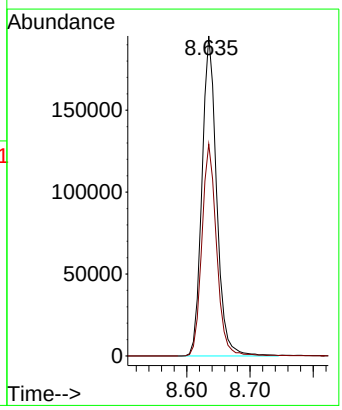


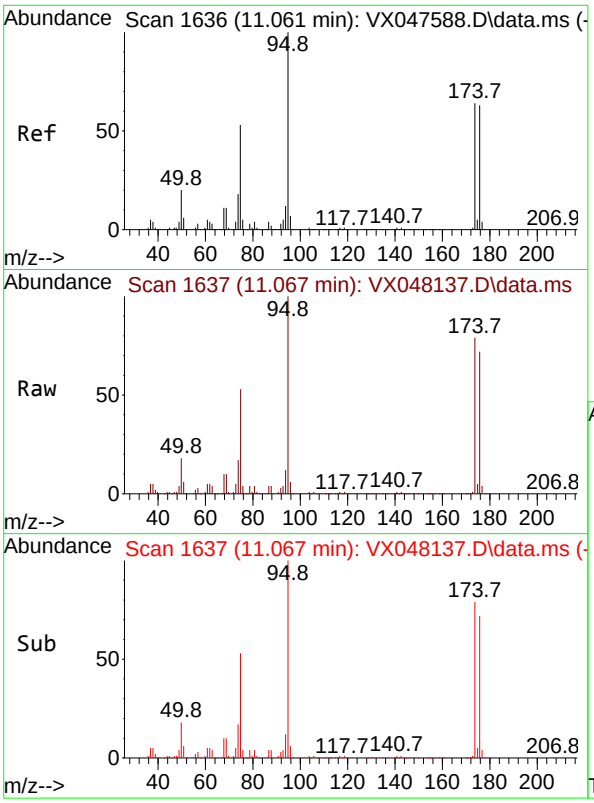


#50
Toluene-d8
Concen: 48.892 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion: 98 Resp: 315217

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4



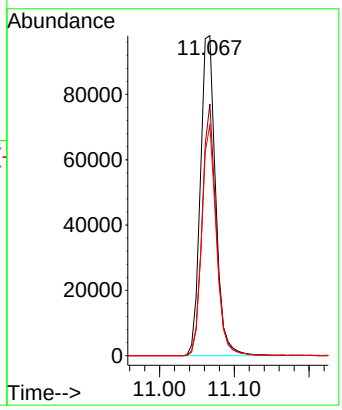


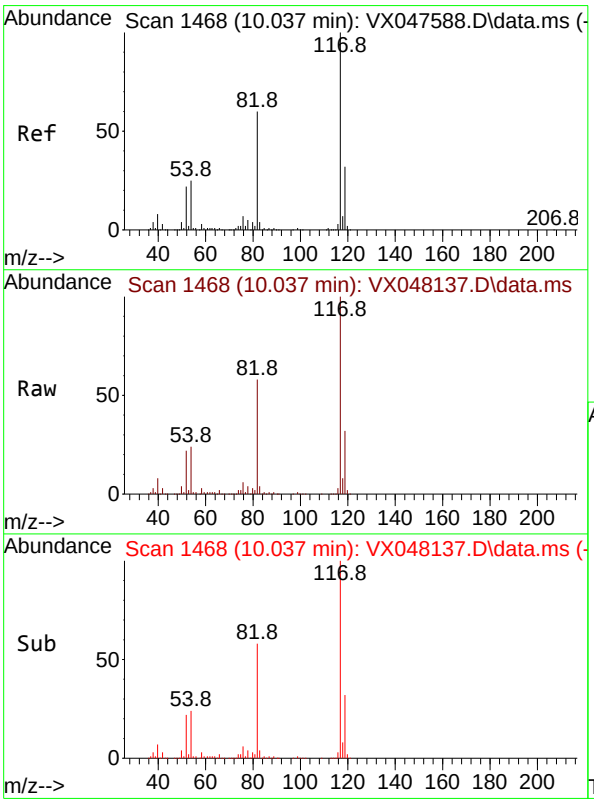
#62
4-Bromofluorobenzene
Concen: 56.650 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Tgt Ion: 95 Resp: 138613

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	141.6
176	68.7	0.0	138.4

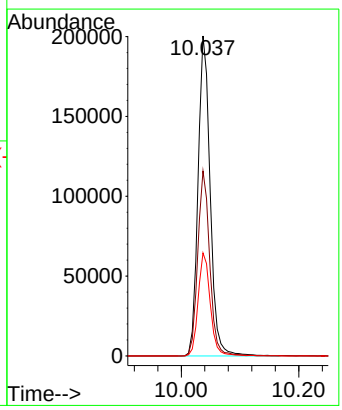


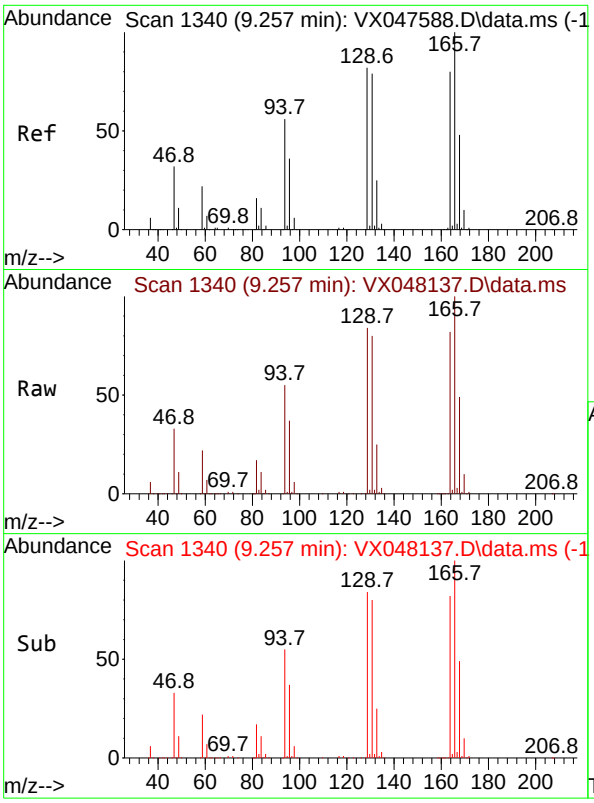


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion:117 Resp: 287289

Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.8	71.6
119	32.2	25.2	37.8



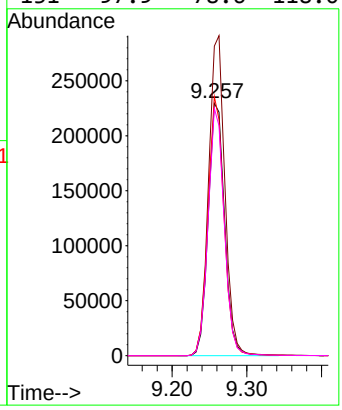


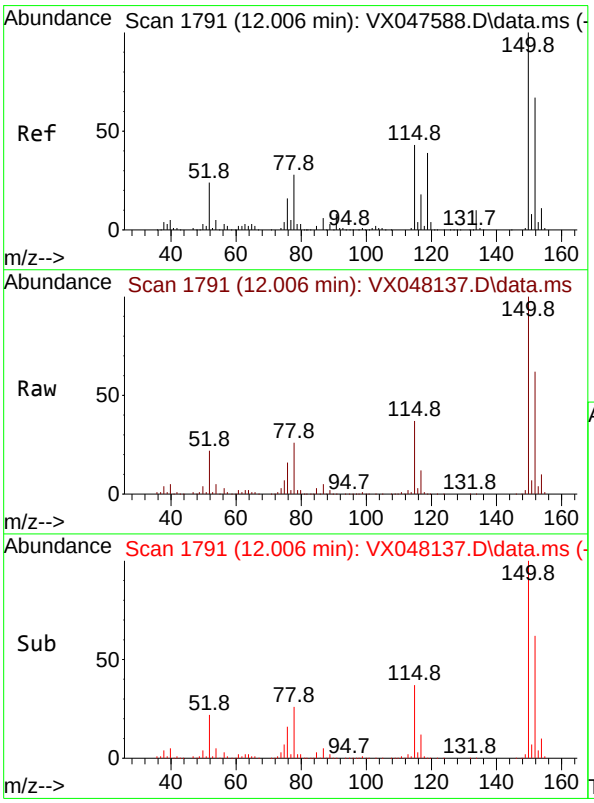
#64
Tetrachloroethene
Concen: 186.325 ug/l
RT: 9.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Tgt Ion:164 Resp: 348954

Ion	Ratio	Lower	Upper
164	100		
166	122.6	100.2	150.2
129	102.6	81.8	122.6
131	97.9	78.6	118.0

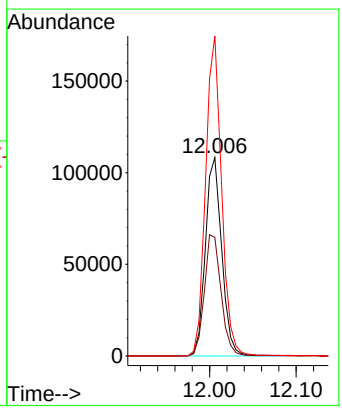




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048137.D
Acq: 13 Oct 2025 13:27

Tgt Ion:152 Resp: 142090

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.9	134.5
150	157.9	0.0	352.0



Sample Results: **VX048137.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048137.D
Acq On : 13 Oct 2025 13:27
Operator : JC/MD
Sample : Q3311-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048137.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.379	691	704	720	rBV	96406	308352	10.92%	3.931%
2	5.544	720	731	749	rVB	129701	405908	14.37%	5.175%
3	5.940	786	796	815	rBV	105466	310542	10.99%	3.959%
4	6.751	919	929	947	rBV	250292	661825	23.43%	8.438%
5	8.635	1231	1238	1256	rBV	527861	857147	30.34%	10.928%
6	9.257	1333	1340	1367	rVB2	1863628	2824977	100.00%	36.015%
7	10.037	1462	1468	1484	rBV	633800	908361	32.15%	11.581%
8	11.067	1631	1637	1648	rBV	474566	664190	23.51%	8.468%
9	12.006	1785	1791	1806	rBV	667715	902516	31.95%	11.506%

Sum of corrected areas: 7843818

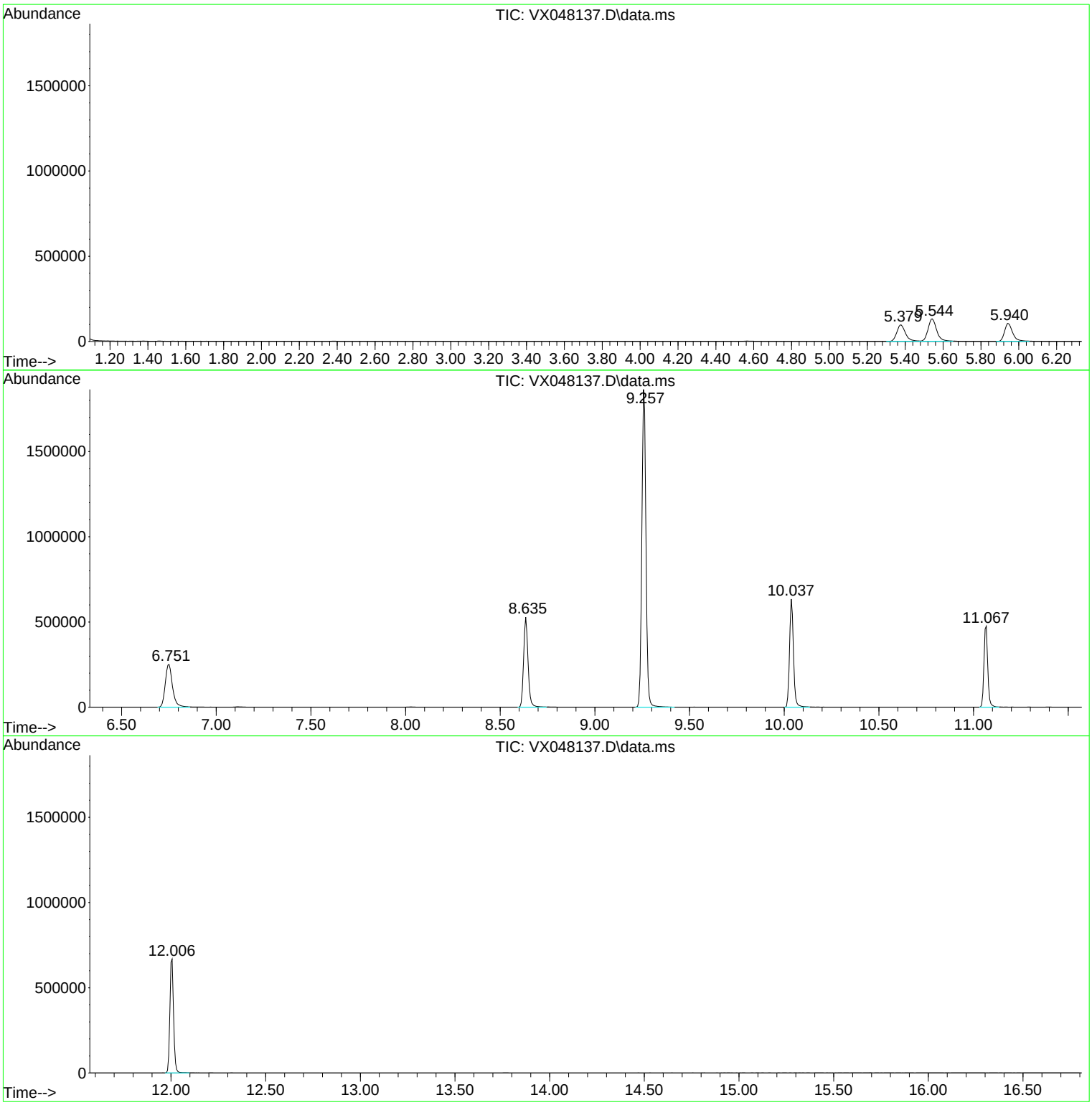
Sample Results: **VX048137.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048137.D
Acq On : 13 Oct 2025 13:27
Operator : JC/MD
Sample : Q3311-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048137.D
Acq On : 13 Oct 2025 13:27
Operator : JC/MD
Sample : Q3311-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048137.D
Acq On : 13 Oct 2025 13:27
Operator : JC/MD
Sample : Q3311-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-215DDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-13DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 12:28	VX101425
74-87-3	Chloromethane	5.00	UD	5	1.60	5.00	ug/L	10/14/25 12:28	VX101425
75-01-4	Vinyl Chloride	5.00	UD	5	1.30	5.00	ug/L	10/14/25 12:28	VX101425
74-83-9	Bromomethane	25.0	UD	5	7.20	25.0	ug/L	10/14/25 12:28	VX101425
75-00-3	Chloroethane	5.00	UD	5	2.40	5.00	ug/L	10/14/25 12:28	VX101425
75-69-4	Trichlorofluoromethane	5.00	UD	5	1.70	5.00	ug/L	10/14/25 12:28	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5	1.30	5.00	ug/L	10/14/25 12:28	VX101425
75-35-4	1,1-Dichloroethene	5.00	UD	5	1.20	5.00	ug/L	10/14/25 12:28	VX101425
67-64-1	Acetone	25.0	UD	5	7.60	25.0	ug/L	10/14/25 12:28	VX101425
75-15-0	Carbon Disulfide	5.00	UD	5	1.10	5.00	ug/L	10/14/25 12:28	VX101425
1634-04-4	Methyl tert-butyl Ether	5.00	UDQ	5	0.80	5.00	ug/L	10/14/25 12:28	VX101425
79-20-9	Methyl Acetate	5.00	UDQ	5	1.40	5.00	ug/L	10/14/25 12:28	VX101425
75-09-2	Methylene Chloride	5.00	UD	5	1.40	5.00	ug/L	10/14/25 12:28	VX101425
156-60-5	trans-1,2-Dichloroethene	5.00	UD	5	1.20	5.00	ug/L	10/14/25 12:28	VX101425
75-34-3	1,1-Dichloroethane	5.00	UD	5	1.20	5.00	ug/L	10/14/25 12:28	VX101425
110-82-7	Cyclohexane	25.0	UD	5	7.30	25.0	ug/L	10/14/25 12:28	VX101425
78-93-3	2-Butanone	25.0	UD	5	4.90	25.0	ug/L	10/14/25 12:28	VX101425
56-23-5	Carbon Tetrachloride	5.00	UD	5	1.30	5.00	ug/L	10/14/25 12:28	VX101425
156-59-2	cis-1,2-Dichloroethene	5.00	UD	5	0.95	5.00	ug/L	10/14/25 12:28	VX101425
74-97-5	Bromochloromethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 12:28	VX101425
67-66-3	Chloroform	5.00	UD	5	1.30	5.00	ug/L	10/14/25 12:28	VX101425
71-55-6	1,1,1-Trichloroethane	5.00	UD	5	1.00	5.00	ug/L	10/14/25 12:28	VX101425
108-87-2	Methylcyclohexane	5.00	UD	5	0.80	5.00	ug/L	10/14/25 12:28	VX101425
71-43-2	Benzene	5.00	UD	5	0.75	5.00	ug/L	10/14/25 12:28	VX101425
107-06-2	1,2-Dichloroethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 12:28	VX101425
79-01-6	Trichloroethene	5.00	UD	5	0.47	5.00	ug/L	10/14/25 12:28	VX101425
78-87-5	1,2-Dichloropropane	5.00	UD	5	1.00	5.00	ug/L	10/14/25 12:28	VX101425
75-27-4	Bromodichloromethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 12:28	VX101425
108-10-1	4-Methyl-2-Pentanone	25.0	UD	5	3.40	25.0	ug/L	10/14/25 12:28	VX101425
108-88-3	Toluene	5.00	UD	5	0.70	5.00	ug/L	10/14/25 12:28	VX101425
10061-02-6	t-1,3-Dichloropropene	5.00	UD	5	0.85	5.00	ug/L	10/14/25 12:28	VX101425
10061-01-5	cis-1,3-Dichloropropene	5.00	UD	5	0.80	5.00	ug/L	10/14/25 12:28	VX101425
79-00-5	1,1,2-Trichloroethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 12:28	VX101425
591-78-6	2-Hexanone	25.0	UD	5	4.50	25.0	ug/L	10/14/25 12:28	VX101425
124-48-1	Dibromochloromethane	5.00	UD	5	0.90	5.00	ug/L	10/14/25 12:28	VX101425
106-93-4	1,2-Dibromoethane	5.00	UD	5	0.75	5.00	ug/L	10/14/25 12:28	VX101425
127-18-4	Tetrachloroethene	400	D	5	1.20	5.00	ug/L	10/14/25 12:28	VX101425
108-90-7	Chlorobenzene	5.00	UD	5	0.60	5.00	ug/L	10/14/25 12:28	VX101425
100-41-4	Ethyl Benzene	5.00	UD	5	0.65	5.00	ug/L	10/14/25 12:28	VX101425
179601-23-1	m/p-Xylenes	10.0	UD	5	1.20	10.0	ug/L	10/14/25 12:28	VX101425
95-47-6	o-Xylene	5.00	UD	5	0.60	5.00	ug/L	10/14/25 12:28	VX101425
100-42-5	Styrene	5.00	UD	5	0.75	5.00	ug/L	10/14/25 12:28	VX101425
75-25-2	Bromoform	5.00	UD	5	0.95	5.00	ug/L	10/14/25 12:28	VX101425

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-215DDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-13DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	5.00	UD	5	0.60	5.00	ug/L	10/14/25 12:28	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	5.00	UD	5	1.30	5.00	ug/L	10/14/25 12:28	VX101425
541-73-1	1,3-Dichlorobenzene	5.00	UD	5	0.80	5.00	ug/L	10/14/25 12:28	VX101425
106-46-7	1,4-Dichlorobenzene	5.00	UD	5	0.95	5.00	ug/L	10/14/25 12:28	VX101425
95-50-1	1,2-Dichlorobenzene	5.00	UD	5	0.80	5.00	ug/L	10/14/25 12:28	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	UD	5	2.70	5.00	ug/L	10/14/25 12:28	VX101425
120-82-1	1,2,4-Trichlorobenzene	5.00	UD	5	1.00	5.00	ug/L	10/14/25 12:28	VX101425
87-61-6	1,2,3-Trichlorobenzene	5.00	UD	5	1.00	5.00	ug/L	10/14/25 12:28	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	51.0			74 - 125	102%	SPK: 50		
1868-53-7	Dibromofluoromethane	47.5			75 - 124	95%	SPK: 50		
2037-26-5	Toluene-d8	46.9			86 - 113	94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	51.2			77 - 121	102%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	103000							
540-36-3	1,4-Difluorobenzene	218000							
3114-55-4	Chlorobenzene-d5	217000							
3855-82-1	1,4-Dichlorobenzene-d4	99300							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048158.D
Acq On : 14 Oct 2025 12:28
Operator : JC/MD
Sample : Q3311-13DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

Quant Time: Oct 15 02:42:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

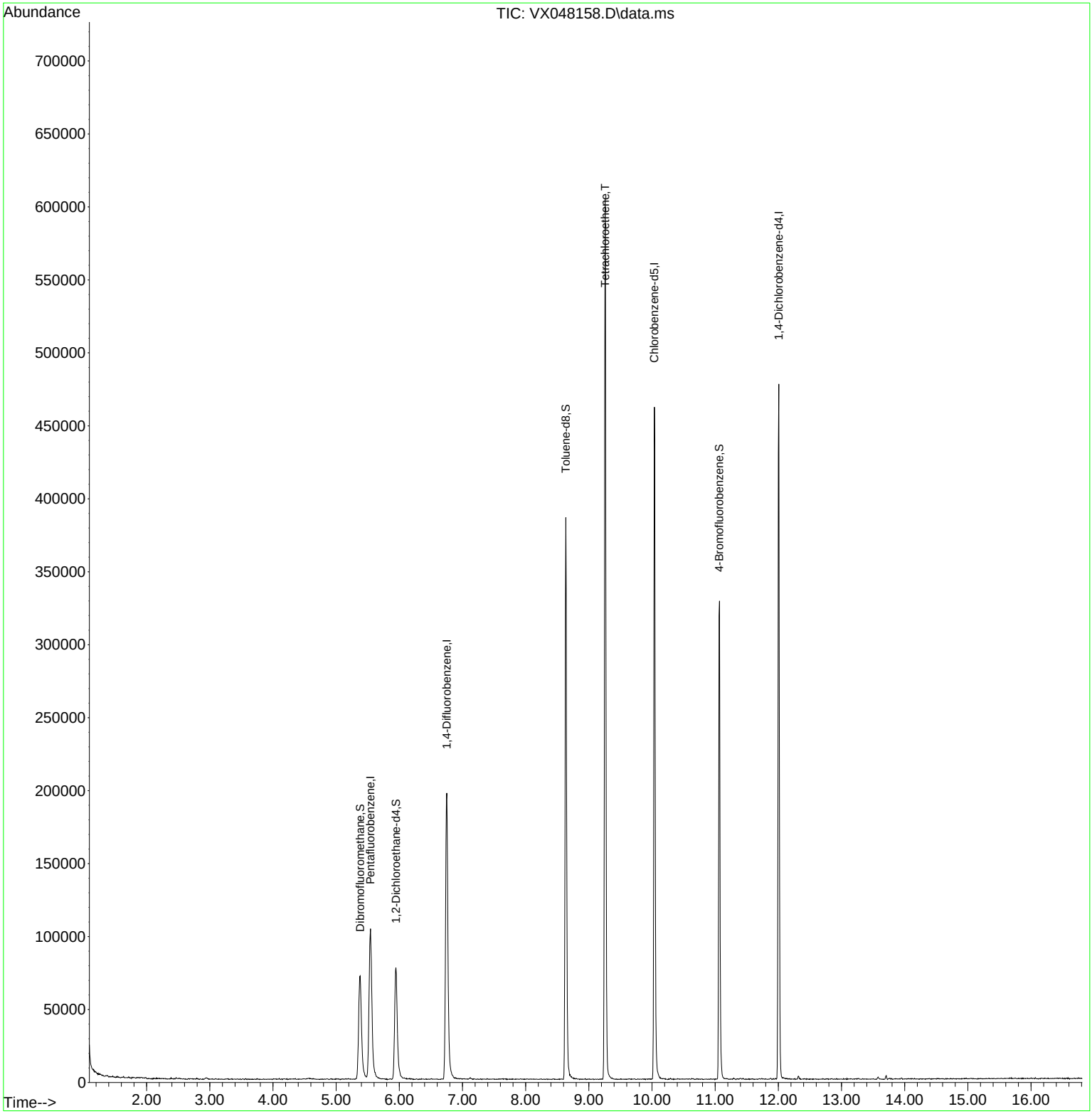
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	103382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	217778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	99280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83870	50.967	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.940%			
35) Dibromofluoromethane	5.379	113	69385	47.506	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.020%			
50) Toluene-d8	8.635	98	237059	46.908	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.820%			
62) 4-Bromofluorobenzene	11.061	95	98145	51.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.340%			
Target Compounds						Qvalue
64) Tetrachloroethene	9.257	164	113711	80.300	ug/l	98

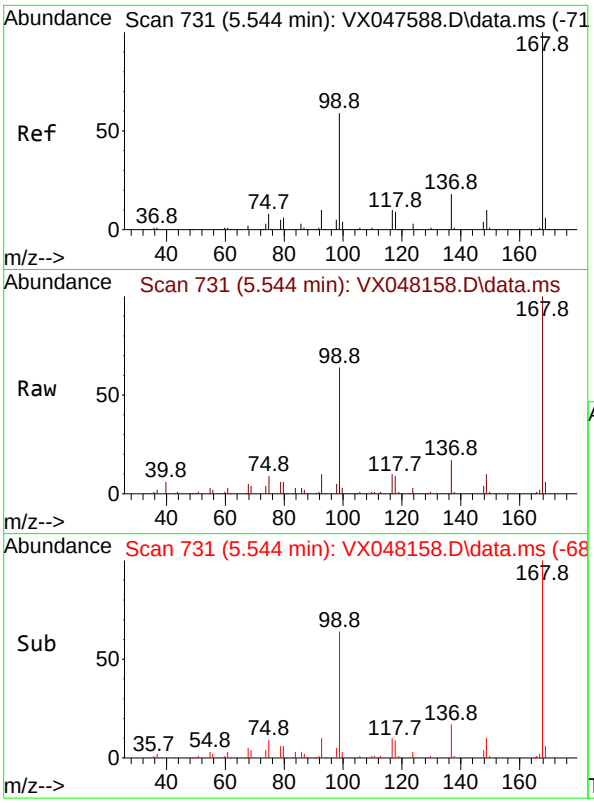
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048158.D
Acq On : 14 Oct 2025 12:28
Operator : JC/MD
Sample : Q3311-13DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

Quant Time: Oct 15 02:42:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



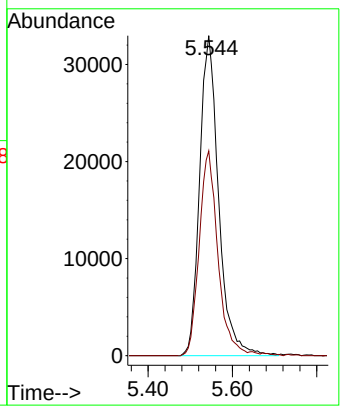


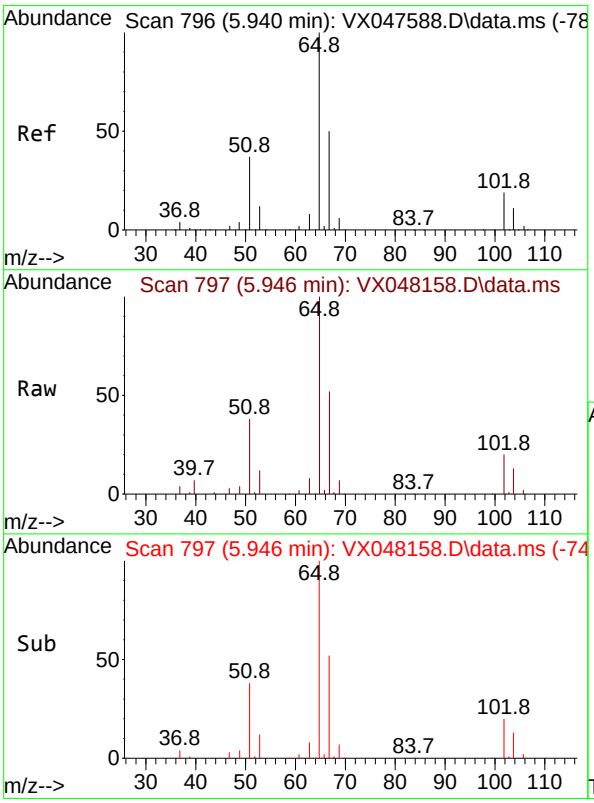
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

Tgt Ion:168 Resp: 103382

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

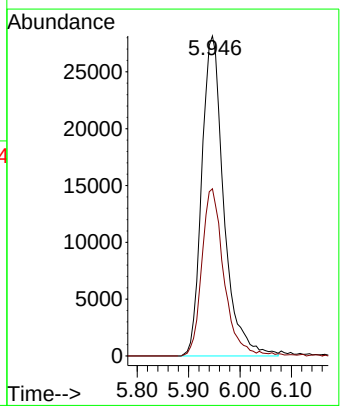


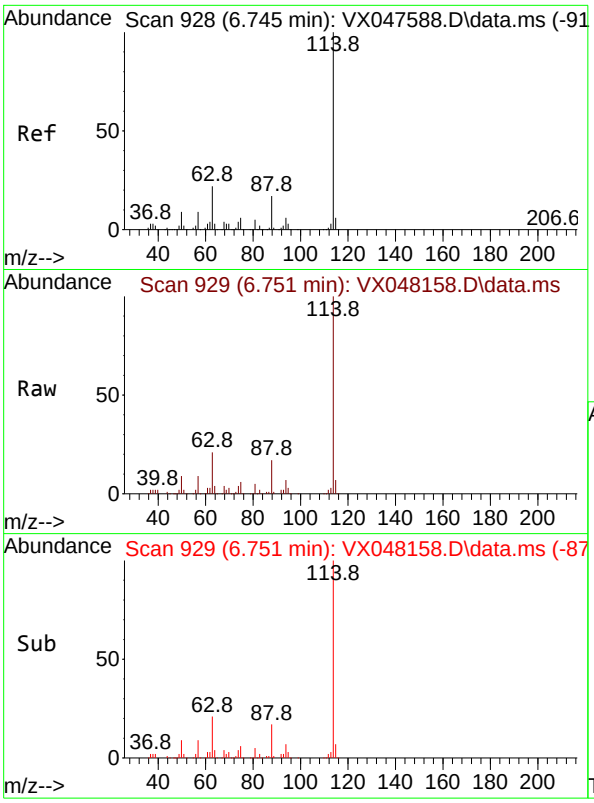


#33
1,2-Dichloroethane-d4
Concen: 50.967 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Tgt Ion: 65 Resp: 83870

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0



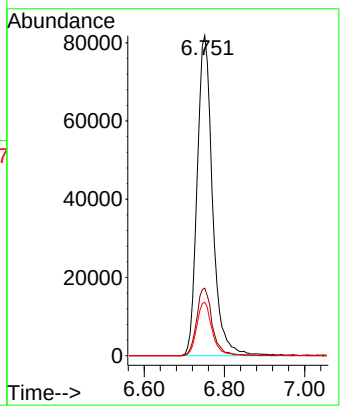


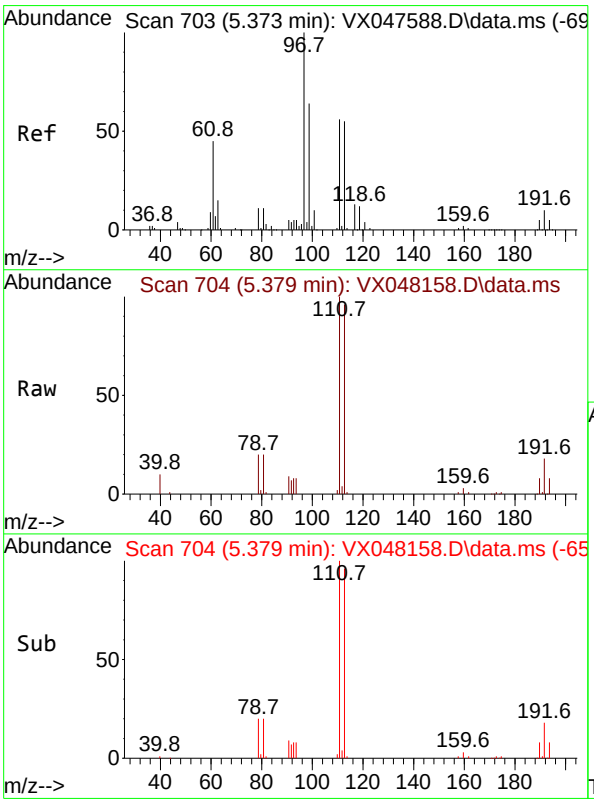
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

Tgt Ion:114 Resp: 217778

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.7	0.0	34.2

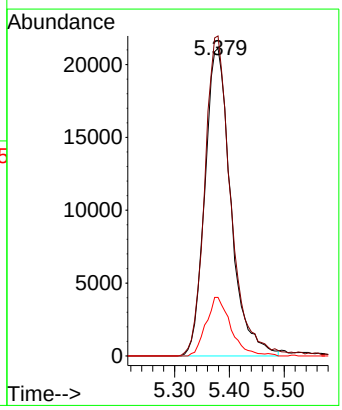


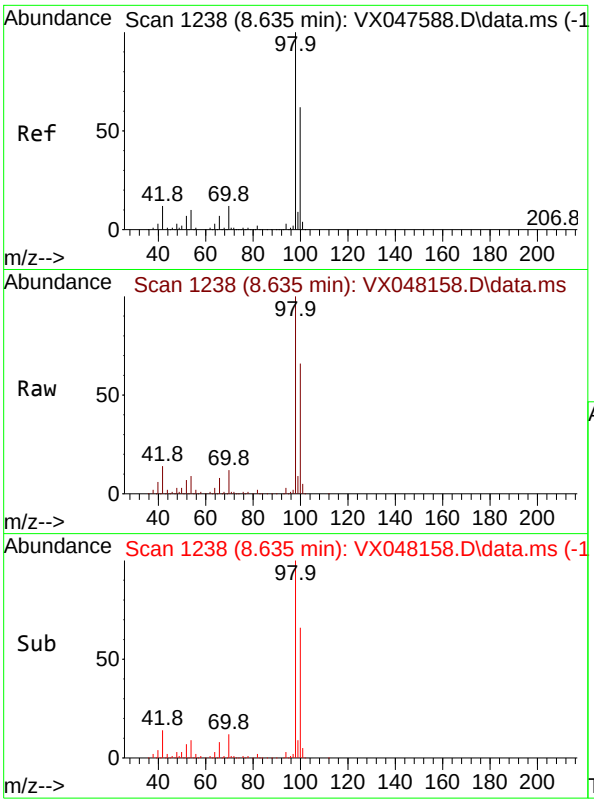


#35
Dibromofluoromethane
Concen: 47.506 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Tgt Ion:113 Resp: 69385

Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.9	121.3
192	18.3	14.2	21.4



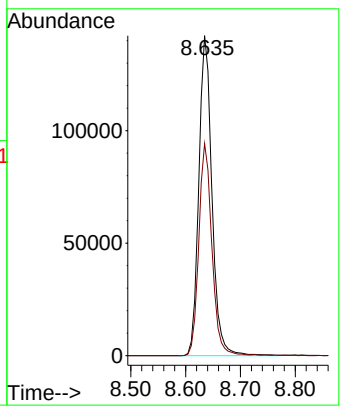


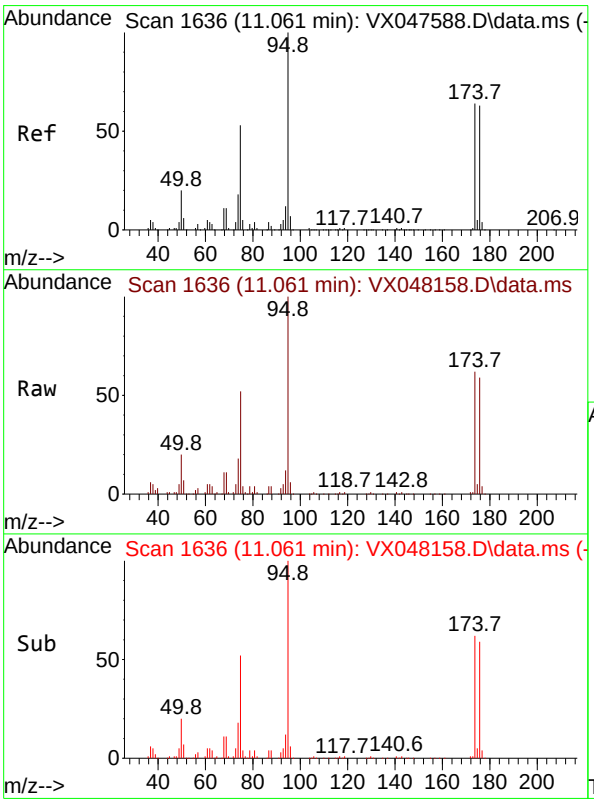
#50
Toluene-d8
Concen: 46.908 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

Tgt Ion: 98 Resp: 237059

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

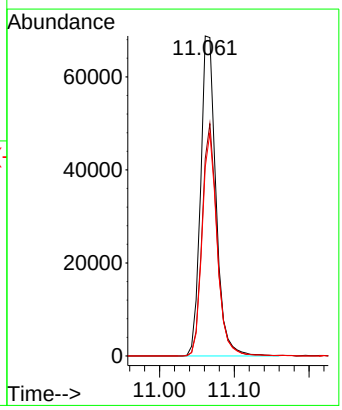


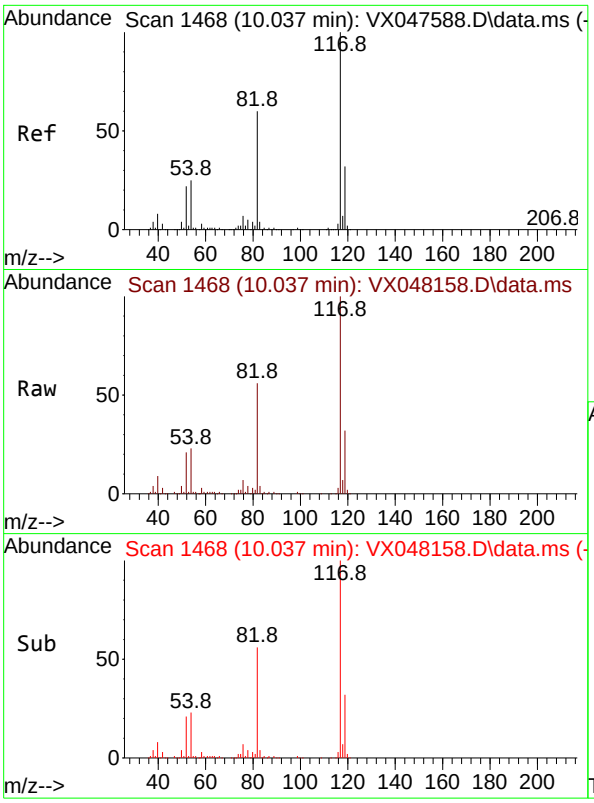


#62
4-Bromofluorobenzene
Concen: 51.171 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Tgt Ion: 95 Resp: 98145

Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	141.6
176	68.1	0.0	138.4



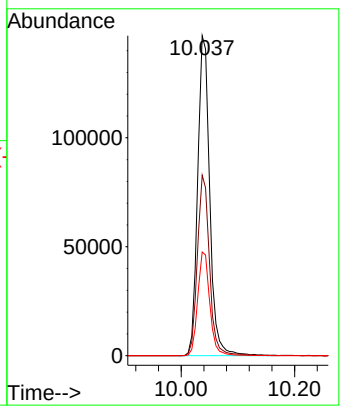


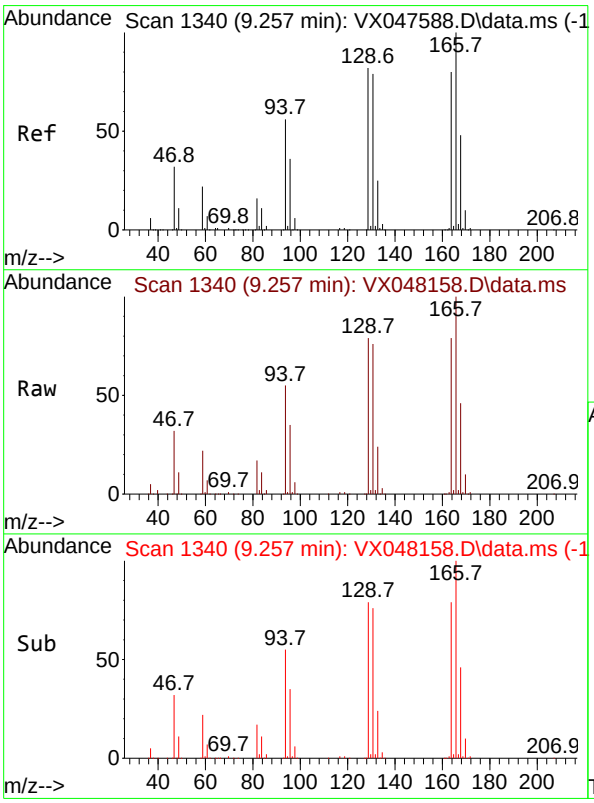
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

Tgt Ion:117 Resp: 217224

Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.8	71.6
119	32.4	25.2	37.8

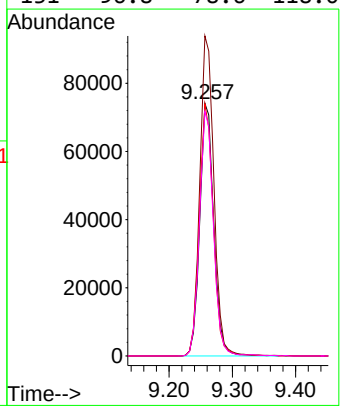


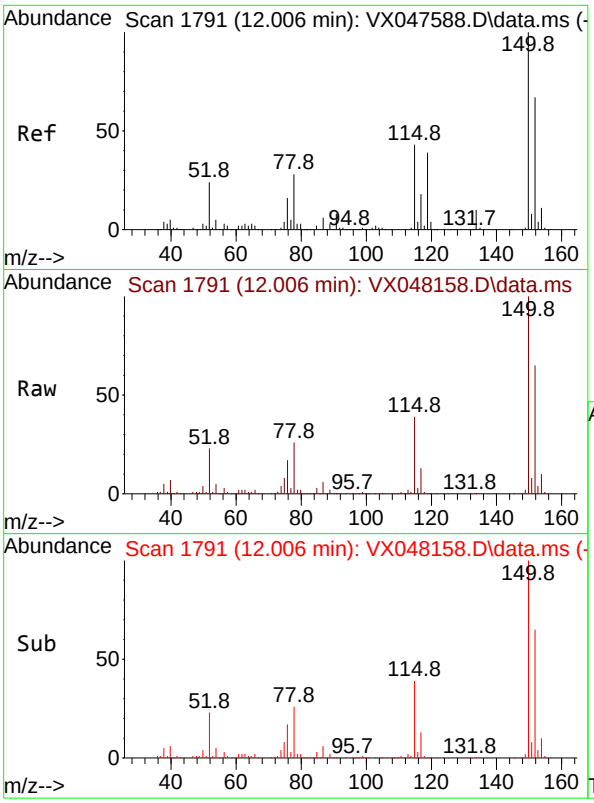


#64
Tetrachloroethene
Concen: 80.300 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Tgt Ion:164 Resp: 113711

Ion	Ratio	Lower	Upper
164	100		
166	126.7	100.2	150.2
129	99.8	81.8	122.6
131	96.8	78.6	118.0



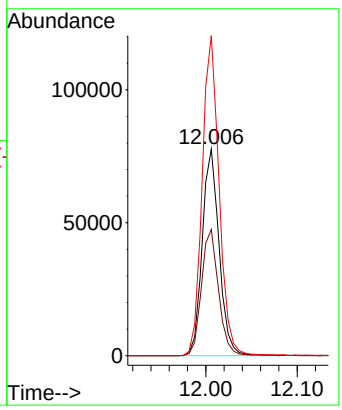


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

Tgt Ion:152 Resp: 99280

Ion	Ratio	Lower	Upper
152	100		
115	62.0	44.9	134.5
150	155.9	0.0	352.0



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-227B	SDG No.:	Q3311
Lab Sample ID:	Q3311-14	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 12:49	VX101425
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/14/25 12:49	VX101425
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/14/25 12:49	VX101425
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/14/25 12:49	VX101425
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/14/25 12:49	VX101425
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/14/25 12:49	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/14/25 12:49	VX101425
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/14/25 12:49	VX101425
67-64-1	Acetone	2.00	J	1	1.50	5.00	ug/L	10/14/25 12:49	VX101425
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/14/25 12:49	VX101425
1634-04-4	Methyl tert-butyl Ether	1.00	UQ	1	0.16	1.00	ug/L	10/14/25 12:49	VX101425
79-20-9	Methyl Acetate	1.00	UQ	1	0.27	1.00	ug/L	10/14/25 12:49	VX101425
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/14/25 12:49	VX101425
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/14/25 12:49	VX101425
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/14/25 12:49	VX101425
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/14/25 12:49	VX101425
78-93-3	2-Butanone	8.40		1	0.98	5.00	ug/L	10/14/25 12:49	VX101425
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/14/25 12:49	VX101425
156-59-2	cis-1,2-Dichloroethene	8.50		1	0.19	1.00	ug/L	10/14/25 12:49	VX101425
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 12:49	VX101425
67-66-3	Chloroform	4.50		1	0.25	1.00	ug/L	10/14/25 12:49	VX101425
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/14/25 12:49	VX101425
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/14/25 12:49	VX101425
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/14/25 12:49	VX101425
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 12:49	VX101425
79-01-6	Trichloroethene	15.6		1	0.090	1.00	ug/L	10/14/25 12:49	VX101425
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/14/25 12:49	VX101425
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 12:49	VX101425
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/14/25 12:49	VX101425
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/14/25 12:49	VX101425
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/14/25 12:49	VX101425
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/14/25 12:49	VX101425
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/14/25 12:49	VX101425
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/14/25 12:49	VX101425
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/14/25 12:49	VX101425
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/14/25 12:49	VX101425
127-18-4	Tetrachloroethene	210	E	1	0.23	1.00	ug/L	10/14/25 12:49	VX101425
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/14/25 12:49	VX101425
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/14/25 12:49	VX101425
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/14/25 12:49	VX101425
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/14/25 12:49	VX101425
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/14/25 12:49	VX101425
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/14/25 12:49	VX101425

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-227B	SDG No.:	Q3311
Lab Sample ID:	Q3311-14	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/14/25 12:49	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/14/25 12:49	VX101425
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/14/25 12:49	VX101425
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/14/25 12:49	VX101425
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/14/25 12:49	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/14/25 12:49	VX101425
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/14/25 12:49	VX101425
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/14/25 12:49	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	52.3			74 - 125	105%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.3			75 - 124	103%	SPK: 50		
2037-26-5	Toluene-d8	47.7			86 - 113	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.4			77 - 121	109%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	127000							
540-36-3	1,4-Difluorobenzene	263000							
3114-55-4	Chlorobenzene-d5	264000							
3855-82-1	1,4-Dichlorobenzene-d4	132000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048159.D
Acq On : 14 Oct 2025 12:49
Operator : JC/MD
Sample : Q3311-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Quant Time: Oct 15 02:42:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

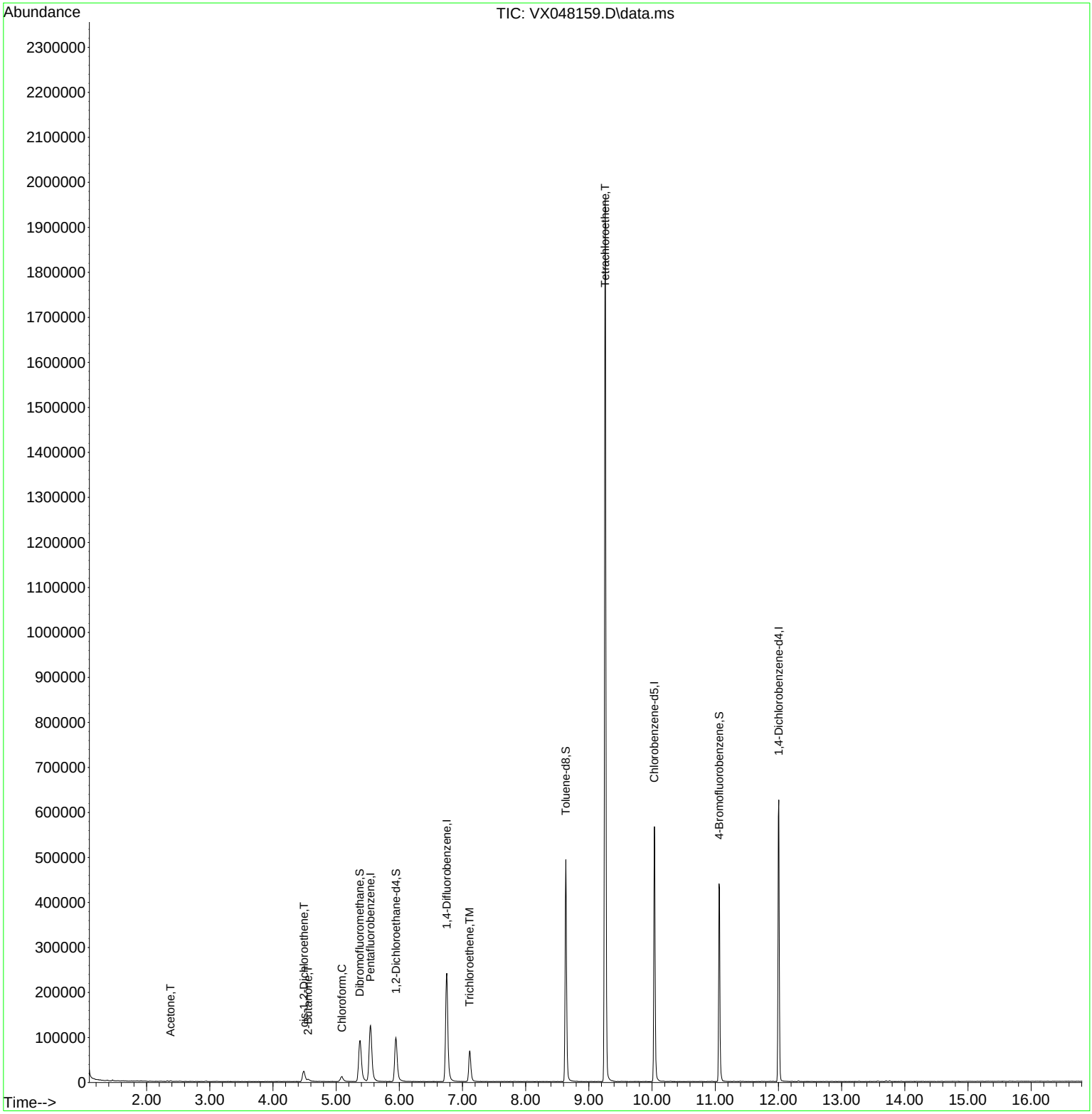
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	127304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	263250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105919	52.271	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.540%			
35) Dibromofluoromethane	5.373	113	90563	51.296	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.600%			
50) Toluene-d8	8.635	98	291356	47.693	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.380%			
62) 4-Bromofluorobenzene	11.061	95	126098	54.389	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.780%			
Target Compounds						Qvalue
16) Acetone	2.380	43	1754	1.991	ug/l #	78
25) 2-Butanone	4.556	43	9203	8.374	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	17007	8.528	ug/l	86
30) Chloroform	5.093	83	14541	4.476	ug/l	95
44) Trichloroethene	7.111	130	29470	15.557	ug/l	91
64) Tetrachloroethene	9.256	164	364388	211.442	ug/l	98

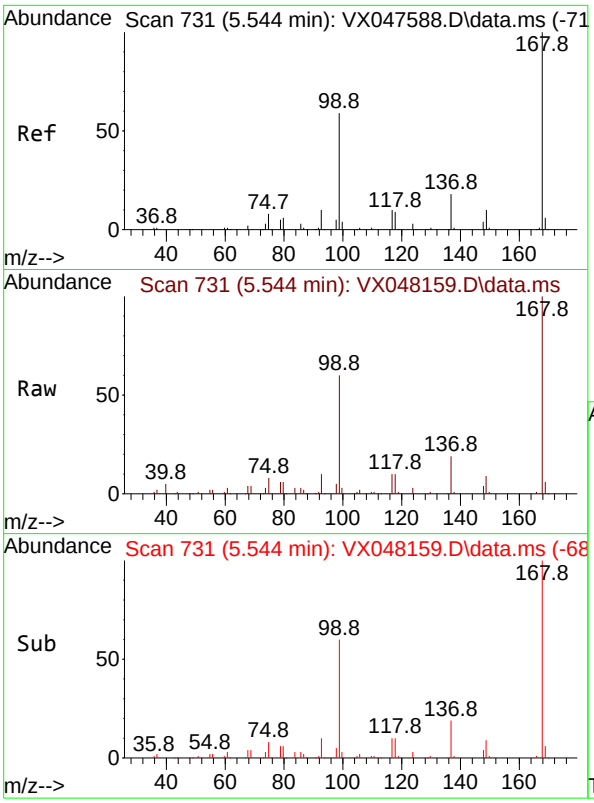
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048159.D
Acq On : 14 Oct 2025 12:49
Operator : JC/MD
Sample : Q3311-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Quant Time: Oct 15 02:42:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



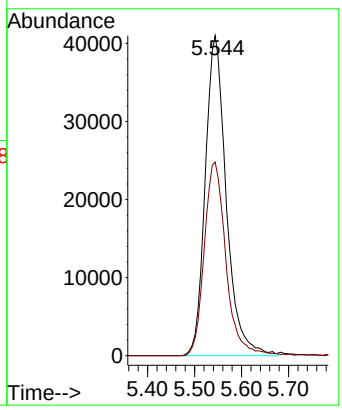


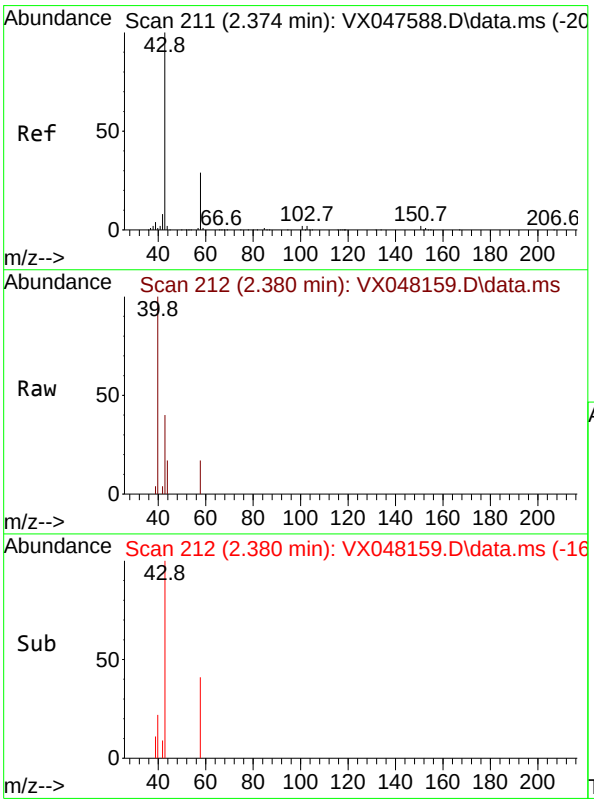
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Tgt Ion:168 Resp: 127304

Ion	Ratio	Lower	Upper
168	100		
99	60.5	48.8	73.2

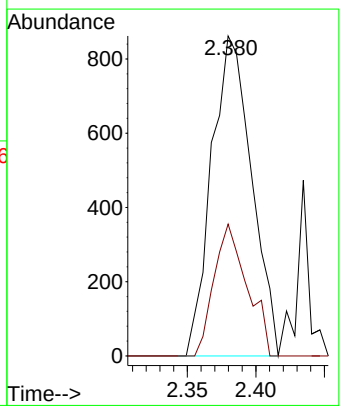


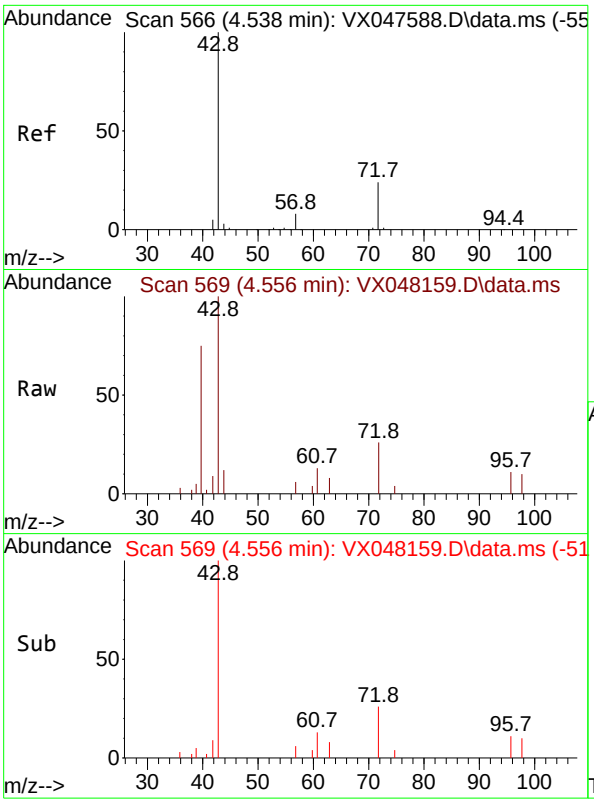


#16
Acetone
Concen: 1.991 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 43 Resp: 1754

Ion	Ratio	Lower	Upper
43	100		
58	41.2	23.4	35.0#



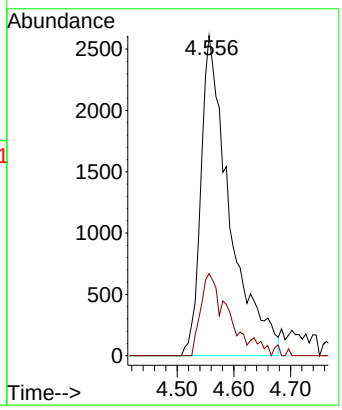


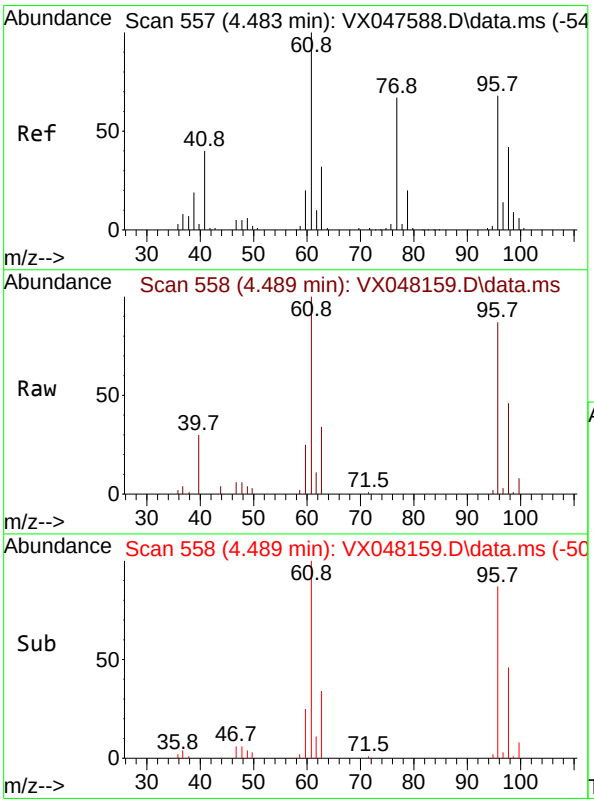
#25
2-Butanone
Concen: 8.374 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Tgt Ion: 43 Resp: 9203

Ion	Ratio	Lower	Upper
43	100		
72	28.4	20.1	30.1

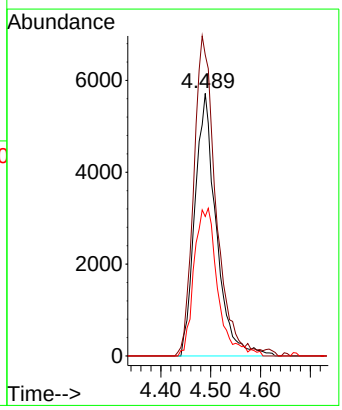


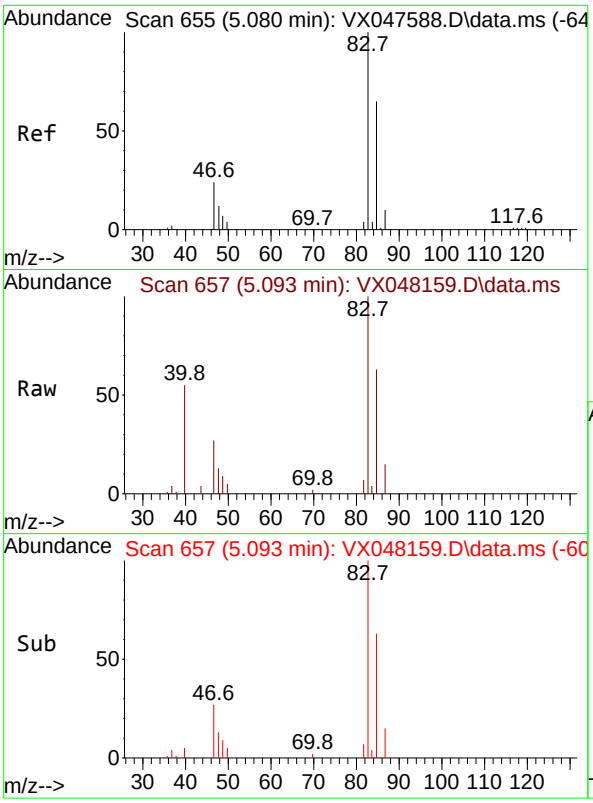


#27
cis-1,2-Dichloroethene
Concen: 8.528 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 96 Resp: 17007

Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	303.2
98	62.3	0.0	127.8



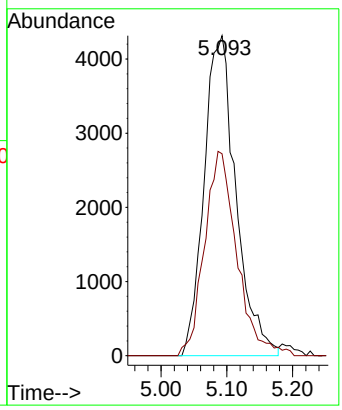


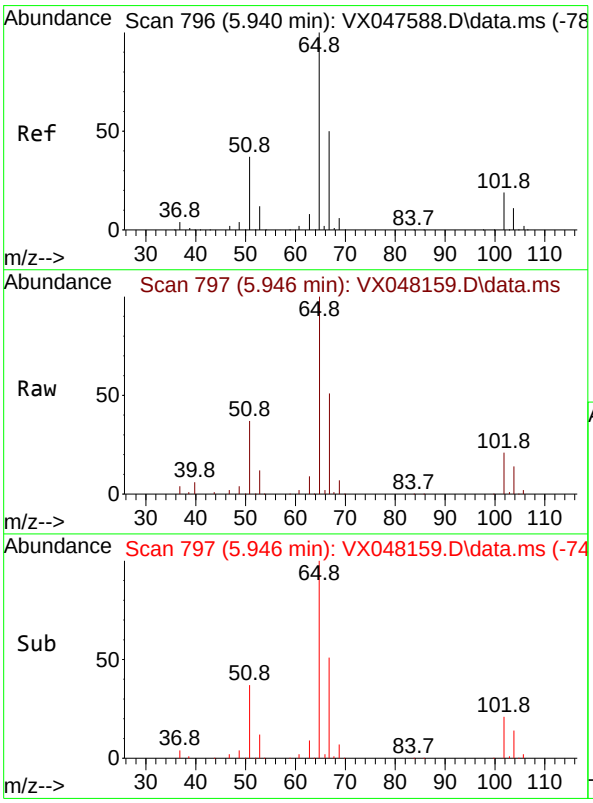
#30
Chloroform
Concen: 4.476 ug/l
RT: 5.093 min Scan# 6
Delta R.T. 0.012 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Tgt Ion: 83 Resp: 14541

Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.8	77.6

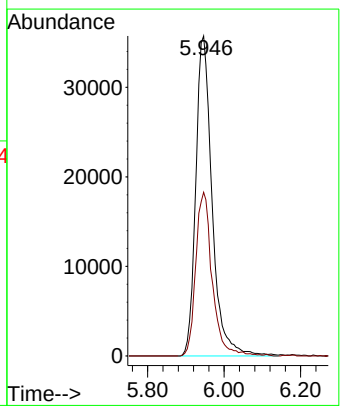


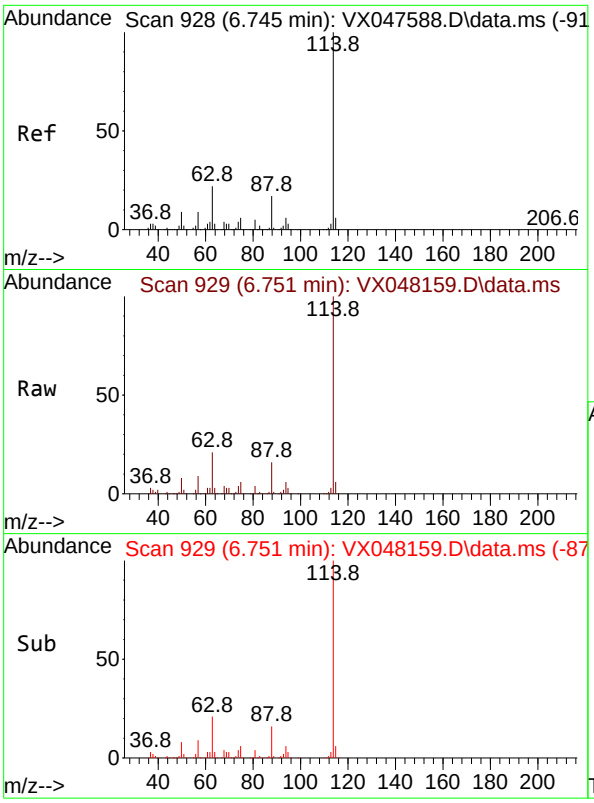


#33
1,2-Dichloroethane-d4
Concen: 52.271 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 65 Resp: 105919

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.0



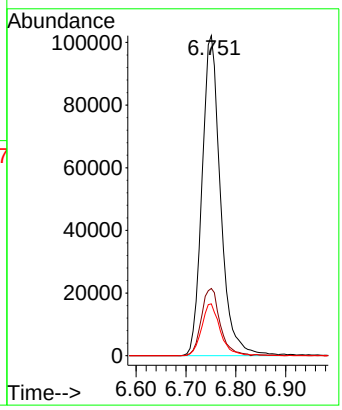


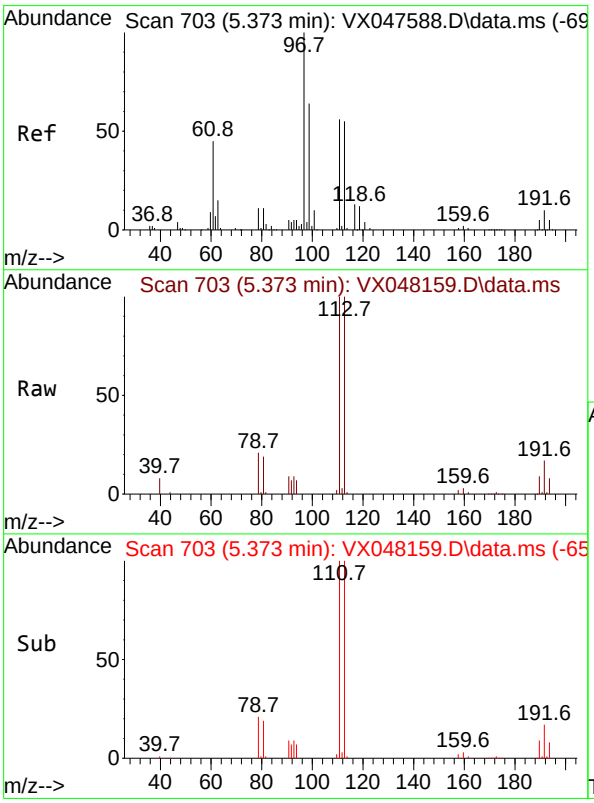
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Tgt Ion:114 Resp: 263250

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	44.0
88	16.2	0.0	34.2

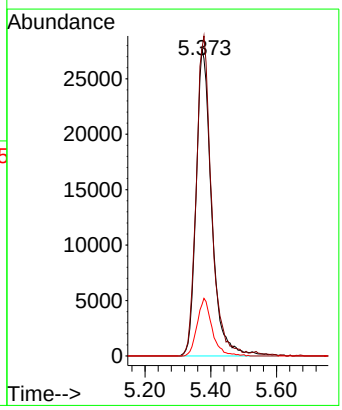


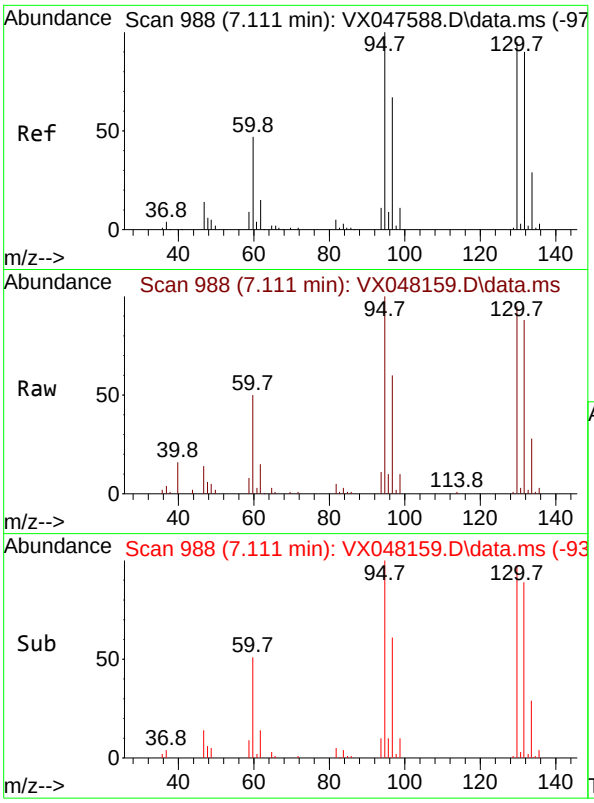


#35
Dibromofluoromethane
Concen: 51.296 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion:113 Resp: 90563

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.9	121.3
192	18.1	14.2	21.4



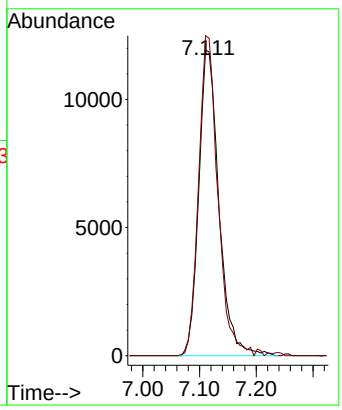


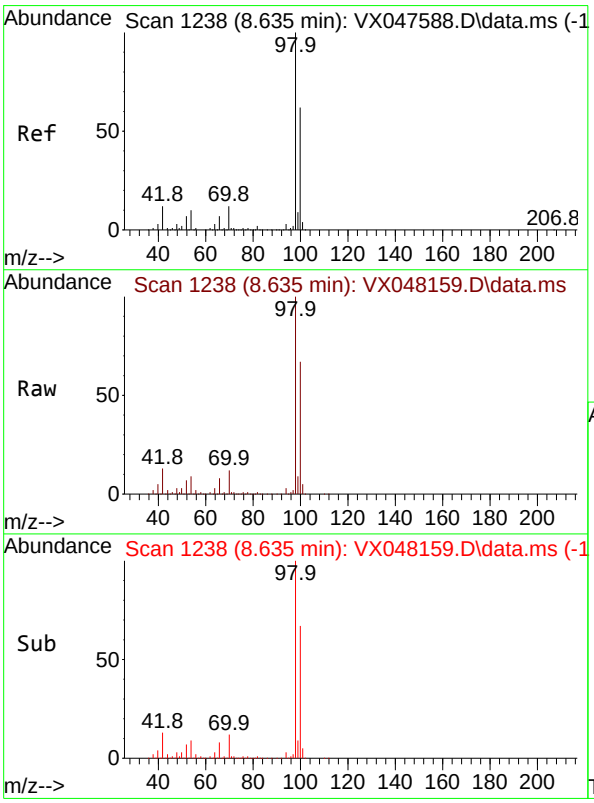
#44
Trichloroethene
Concen: 15.557 ug/l
RT: 7.111 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Tgt Ion:130 Resp: 29470

Ion	Ratio	Lower	Upper
130	100		
95	115.1	0.0	210.8

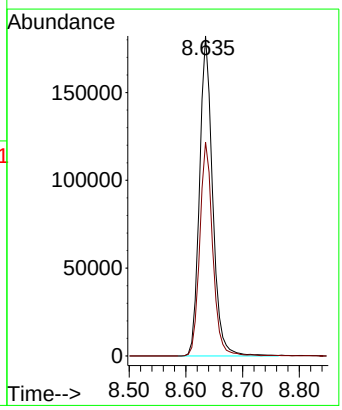


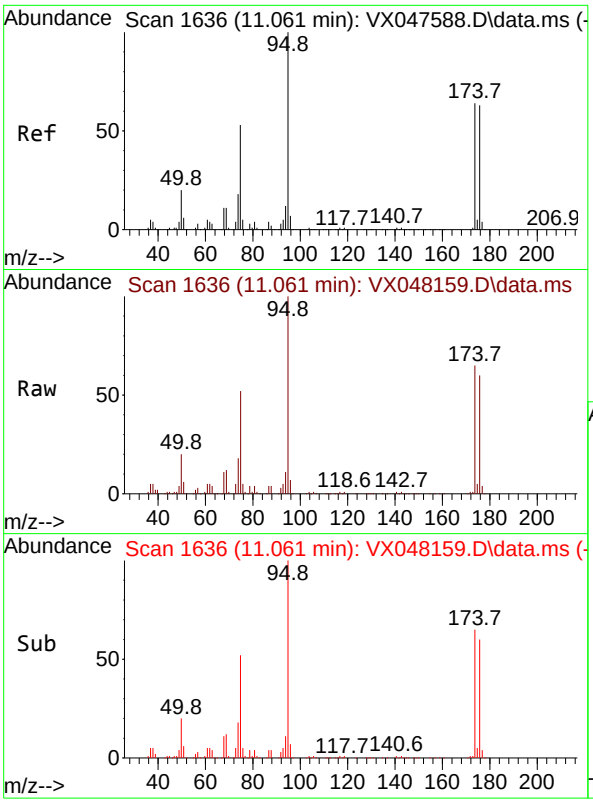


#50
Toluene-d8
Concen: 47.693 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion: 98 Resp: 291356

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4



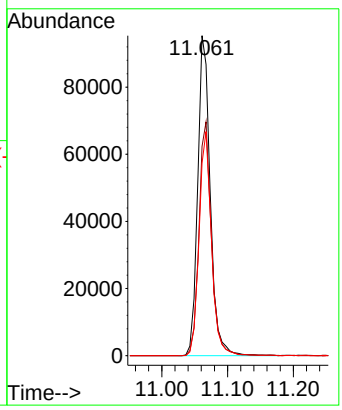


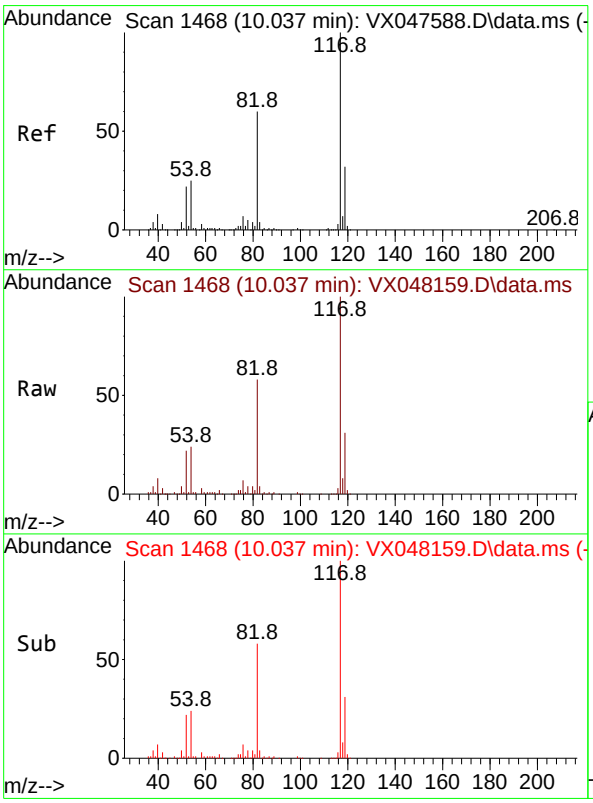
#62
4-Bromofluorobenzene
Concen: 54.389 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Tgt Ion: 95 Resp: 126098

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	141.6
176	69.6	0.0	138.4

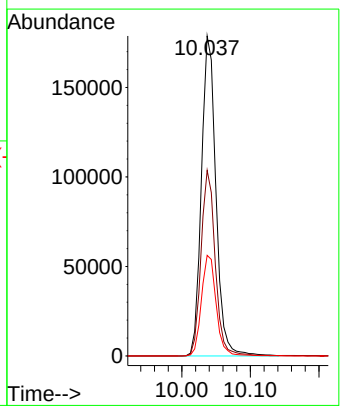


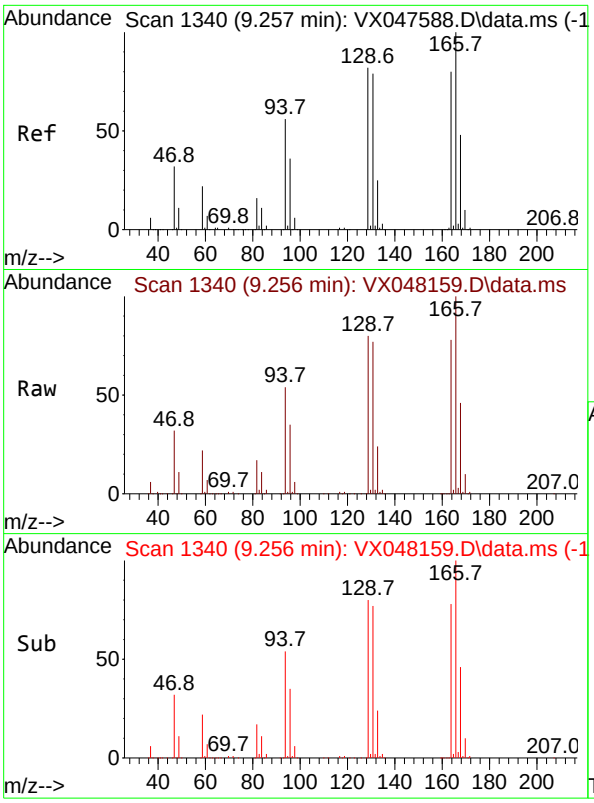


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion:117 Resp: 264360

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.8	71.6
119	31.5	25.2	37.8



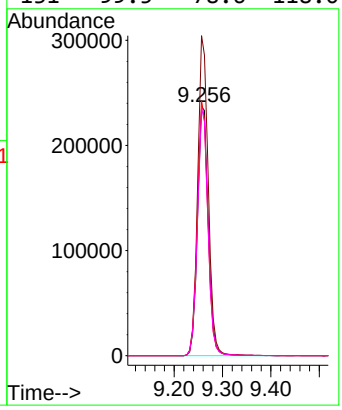


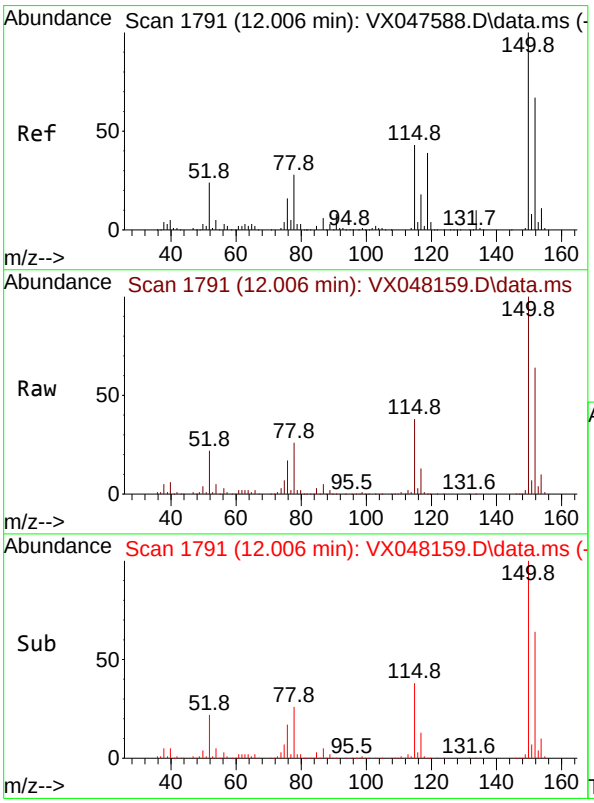
#64
Tetrachloroethene
Concen: 211.442 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Tgt Ion:164 Resp: 364388

Ion	Ratio	Lower	Upper
164	100		
166	128.4	100.2	150.2
129	102.4	81.8	122.6
131	99.5	78.6	118.0

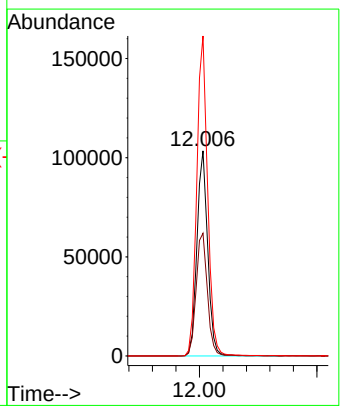




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048159.D
Acq: 14 Oct 2025 12:49

Tgt Ion:152 Resp: 131679

Ion	Ratio	Lower	Upper
152	100		
115	62.7	44.9	134.5
150	157.2	0.0	352.0



Sample Results: **VX048159.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048159.D
Acq On : 14 Oct 2025 12:49
Operator : JC/MD
Sample : Q3311-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048159.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.489	549	558	566	rBV2	22865	70759	2.39%	0.897%
2	5.093	646	657	667	rBV2	11039	34748	1.17%	0.441%
3	5.379	692	704	720	rBV2	90989	295360	9.98%	3.745%
4	5.544	720	731	752	rVB	123611	392338	13.26%	4.975%
5	5.946	786	797	818	rBV	97340	286306	9.68%	3.630%
6	6.751	920	929	952	rBV	240427	623181	21.07%	7.902%
7	7.117	981	989	1006	rBV3	67776	163903	5.54%	2.078%
8	8.635	1231	1238	1259	rBV	492714	790657	26.73%	10.026%
9	9.256	1333	1340	1358	rBV	1961112	2958202	100.00%	37.511%
10	10.037	1462	1468	1486	rBV	566457	835052	28.23%	10.589%
11	11.061	1631	1636	1649	rBV	439356	602665	20.37%	7.642%
12	12.006	1785	1791	1802	rBV	625973	833108	28.16%	10.564%

Sum of corrected areas: 7886279

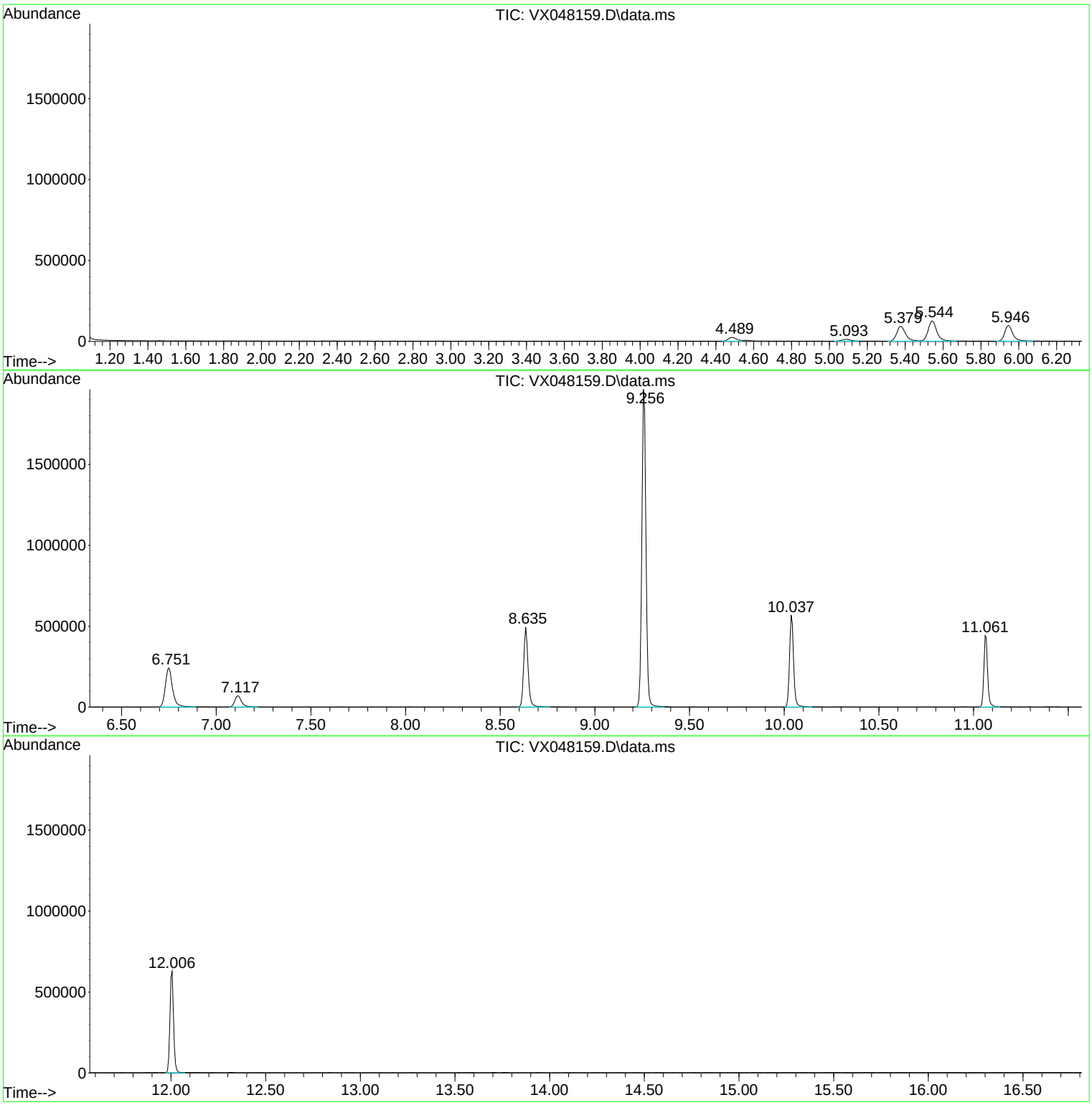
Sample Results: **VX048159.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048159.D
Acq On : 14 Oct 2025 12:49
Operator : JC/MD
Sample : Q3311-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048159.D
Acq On : 14 Oct 2025 12:49
Operator : JC/MD
Sample : Q3311-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048159.D
Acq On : 14 Oct 2025 12:49
Operator : JC/MD
Sample : Q3311-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-227B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-227BDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-14DL	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
74-87-3	Chloromethane	5.00	UD	5	1.60	5.00	ug/L	10/14/25 13:09	VX101425
75-01-4	Vinyl Chloride	5.00	UD	5	1.30	5.00	ug/L	10/14/25 13:09	VX101425
74-83-9	Bromomethane	25.0	UD	5	7.20	25.0	ug/L	10/14/25 13:09	VX101425
75-00-3	Chloroethane	5.00	UD	5	2.40	5.00	ug/L	10/14/25 13:09	VX101425
75-69-4	Trichlorofluoromethane	5.00	UD	5	1.70	5.00	ug/L	10/14/25 13:09	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5	1.30	5.00	ug/L	10/14/25 13:09	VX101425
75-35-4	1,1-Dichloroethene	5.00	UD	5	1.20	5.00	ug/L	10/14/25 13:09	VX101425
67-64-1	Acetone	25.0	UD	5	7.60	25.0	ug/L	10/14/25 13:09	VX101425
75-15-0	Carbon Disulfide	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
1634-04-4	Methyl tert-butyl Ether	5.00	UDQ	5	0.80	5.00	ug/L	10/14/25 13:09	VX101425
79-20-9	Methyl Acetate	5.00	UDQ	5	1.40	5.00	ug/L	10/14/25 13:09	VX101425
75-09-2	Methylene Chloride	5.00	UD	5	1.40	5.00	ug/L	10/14/25 13:09	VX101425
156-60-5	trans-1,2-Dichloroethene	5.00	UD	5	1.20	5.00	ug/L	10/14/25 13:09	VX101425
75-34-3	1,1-Dichloroethane	5.00	UD	5	1.20	5.00	ug/L	10/14/25 13:09	VX101425
110-82-7	Cyclohexane	25.0	UD	5	7.30	25.0	ug/L	10/14/25 13:09	VX101425
78-93-3	2-Butanone	25.0	UD	5	4.90	25.0	ug/L	10/14/25 13:09	VX101425
56-23-5	Carbon Tetrachloride	5.00	UD	5	1.30	5.00	ug/L	10/14/25 13:09	VX101425
156-59-2	cis-1,2-Dichloroethene	11.6	D	5	0.95	5.00	ug/L	10/14/25 13:09	VX101425
74-97-5	Bromochloromethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
67-66-3	Chloroform	6.30	D	5	1.30	5.00	ug/L	10/14/25 13:09	VX101425
71-55-6	1,1,1-Trichloroethane	5.00	UD	5	1.00	5.00	ug/L	10/14/25 13:09	VX101425
108-87-2	Methylcyclohexane	5.00	UD	5	0.80	5.00	ug/L	10/14/25 13:09	VX101425
71-43-2	Benzene	5.00	UD	5	0.75	5.00	ug/L	10/14/25 13:09	VX101425
107-06-2	1,2-Dichloroethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
79-01-6	Trichloroethene	25.5	D	5	0.47	5.00	ug/L	10/14/25 13:09	VX101425
78-87-5	1,2-Dichloropropane	5.00	UD	5	1.00	5.00	ug/L	10/14/25 13:09	VX101425
75-27-4	Bromodichloromethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
108-10-1	4-Methyl-2-Pentanone	25.0	UD	5	3.40	25.0	ug/L	10/14/25 13:09	VX101425
108-88-3	Toluene	5.00	UD	5	0.70	5.00	ug/L	10/14/25 13:09	VX101425
10061-02-6	t-1,3-Dichloropropene	5.00	UD	5	0.85	5.00	ug/L	10/14/25 13:09	VX101425
10061-01-5	cis-1,3-Dichloropropene	5.00	UD	5	0.80	5.00	ug/L	10/14/25 13:09	VX101425
79-00-5	1,1,2-Trichloroethane	5.00	UD	5	1.10	5.00	ug/L	10/14/25 13:09	VX101425
591-78-6	2-Hexanone	25.0	UD	5	4.50	25.0	ug/L	10/14/25 13:09	VX101425
124-48-1	Dibromochloromethane	5.00	UD	5	0.90	5.00	ug/L	10/14/25 13:09	VX101425
106-93-4	1,2-Dibromoethane	5.00	UD	5	0.75	5.00	ug/L	10/14/25 13:09	VX101425
127-18-4	Tetrachloroethene	210	D	5	1.20	5.00	ug/L	10/14/25 13:09	VX101425
108-90-7	Chlorobenzene	5.00	UD	5	0.60	5.00	ug/L	10/14/25 13:09	VX101425
100-41-4	Ethyl Benzene	5.00	UD	5	0.65	5.00	ug/L	10/14/25 13:09	VX101425
179601-23-1	m/p-Xylenes	10.0	UD	5	1.20	10.0	ug/L	10/14/25 13:09	VX101425
95-47-6	o-Xylene	5.00	UD	5	0.60	5.00	ug/L	10/14/25 13:09	VX101425
100-42-5	Styrene	5.00	UD	5	0.75	5.00	ug/L	10/14/25 13:09	VX101425
75-25-2	Bromoform	5.00	UD	5	0.95	5.00	ug/L	10/14/25 13:09	VX101425

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-227BDL	SDG No.:	Q3311
Lab Sample ID:	Q3311-14DL	Matrix:	Water
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	5.00	UD	5	0.60	5.00	ug/L	10/14/25 13:09	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	5.00	UD	5	1.30	5.00	ug/L	10/14/25 13:09	VX101425
541-73-1	1,3-Dichlorobenzene	5.00	UD	5	0.80	5.00	ug/L	10/14/25 13:09	VX101425
106-46-7	1,4-Dichlorobenzene	5.00	UD	5	0.95	5.00	ug/L	10/14/25 13:09	VX101425
95-50-1	1,2-Dichlorobenzene	5.00	UD	5	0.80	5.00	ug/L	10/14/25 13:09	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	5.00	UD	5	2.70	5.00	ug/L	10/14/25 13:09	VX101425
120-82-1	1,2,4-Trichlorobenzene	5.00	UD	5	1.00	5.00	ug/L	10/14/25 13:09	VX101425
87-61-6	1,2,3-Trichlorobenzene	5.00	UD	5	1.00	5.00	ug/L	10/14/25 13:09	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	54.1			74 - 125	108%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.2			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	50.6			86 - 113	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.3			77 - 121	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	117000							
540-36-3	1,4-Difluorobenzene	242000							
3114-55-4	Chlorobenzene-d5	257000							
3855-82-1	1,4-Dichlorobenzene-d4	129000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048160.D
Acq On : 14 Oct 2025 13:09
Operator : JC/MD
Sample : Q3311-14DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

Quant Time: Oct 15 02:43:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

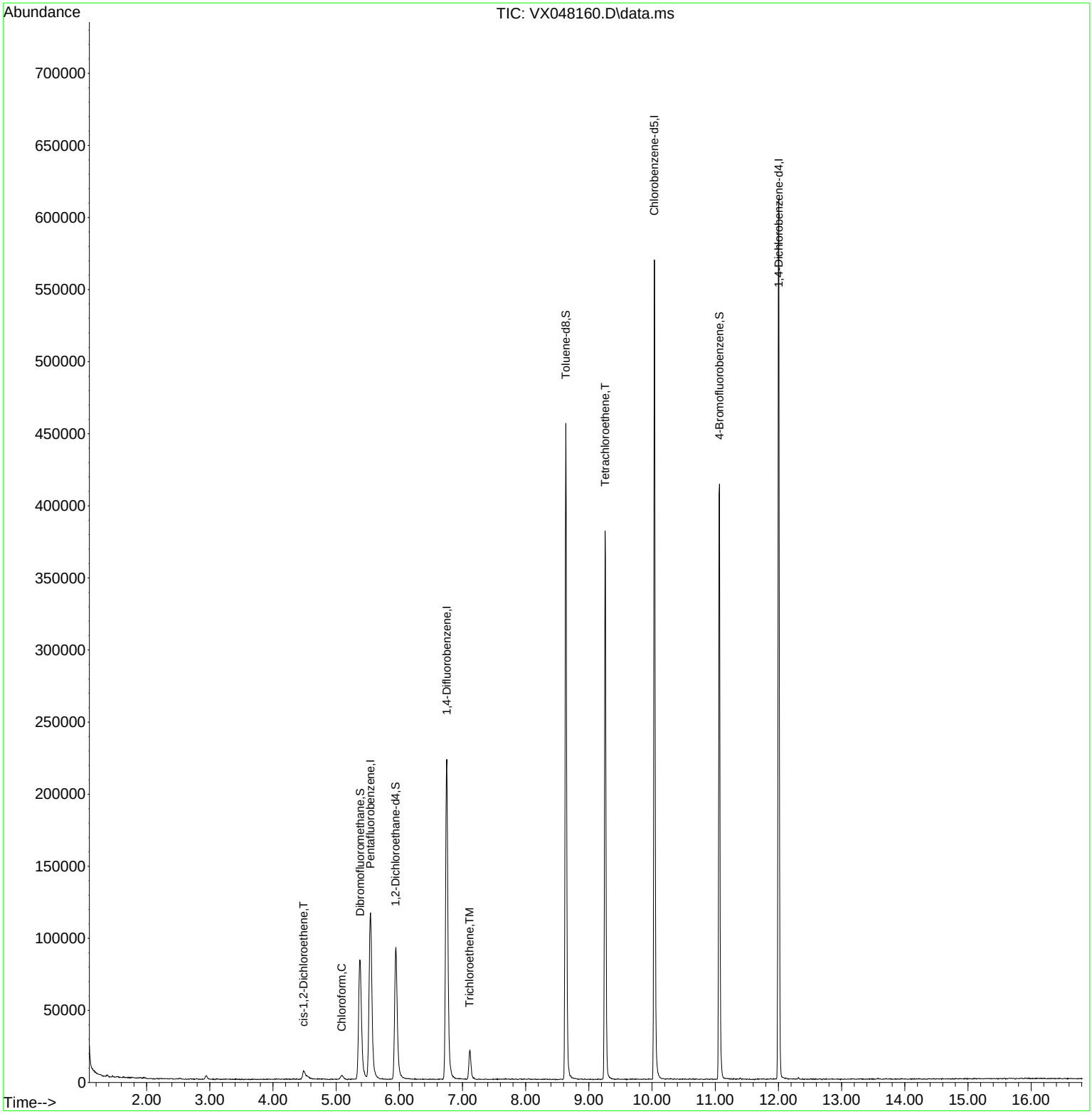
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	117143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	242012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	256907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100879	54.102	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.200%			
35) Dibromofluoromethane	5.379	113	81541	50.239	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.480%			
50) Toluene-d8	8.635	98	284232	50.610	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.220%			
62) 4-Bromofluorobenzene	11.067	95	120036	56.317	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.640%			
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.483	96	4253	2.318	ug/l	85
30) Chloroform	5.086	83	3770	1.261	ug/l	85
44) Trichloroethene	7.111	130	8868	5.092	ug/l	99
64) Tetrachloroethene	9.256	164	71855	42.905	ug/l	97

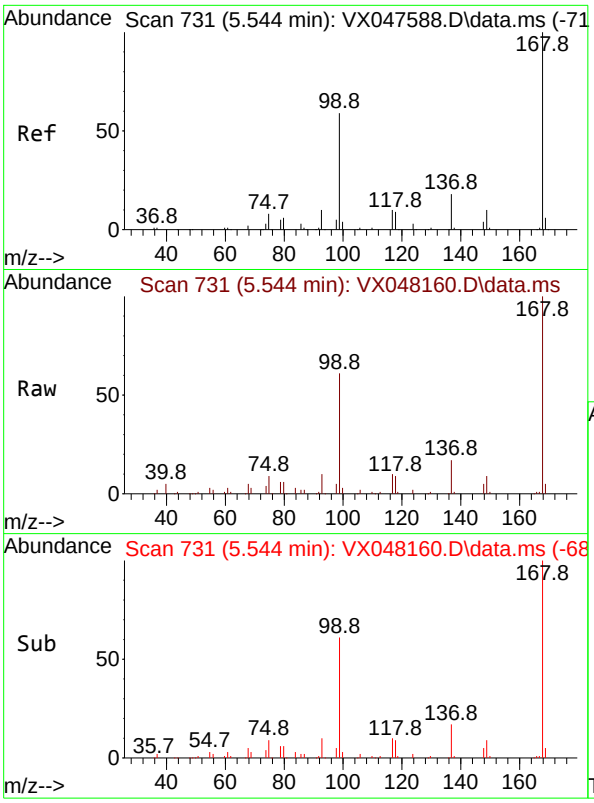
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048160.D
Acq On : 14 Oct 2025 13:09
Operator : JC/MD
Sample : Q3311-14DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

Quant Time: Oct 15 02:43:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



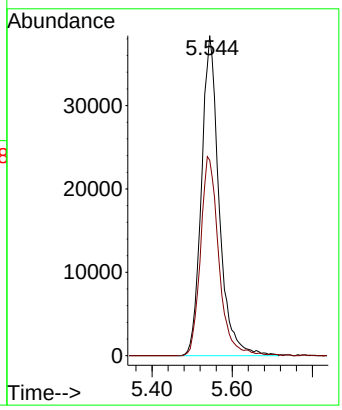


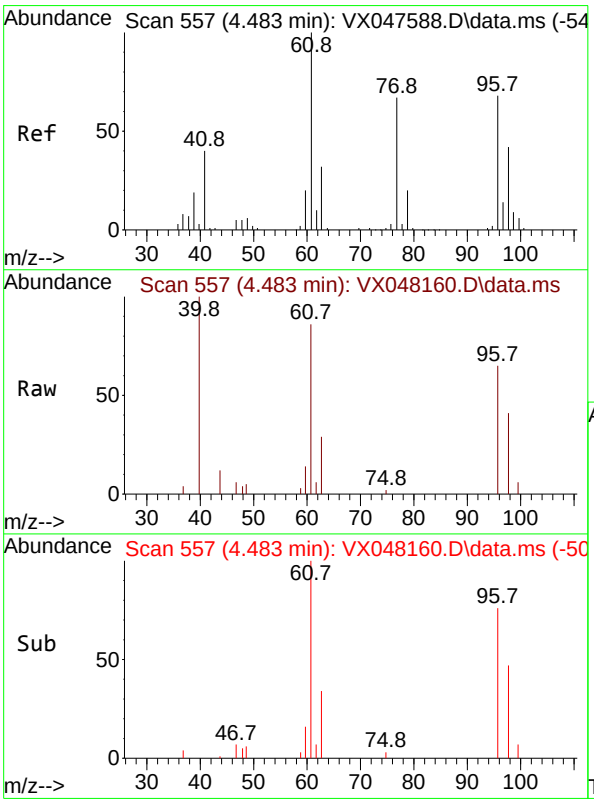
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

Tgt Ion:168 Resp: 117143

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2

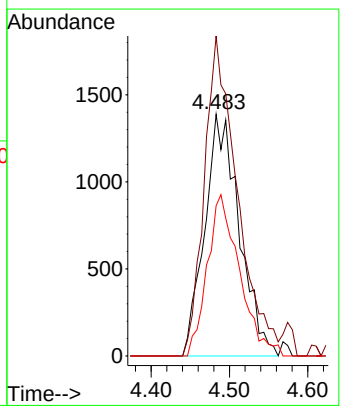


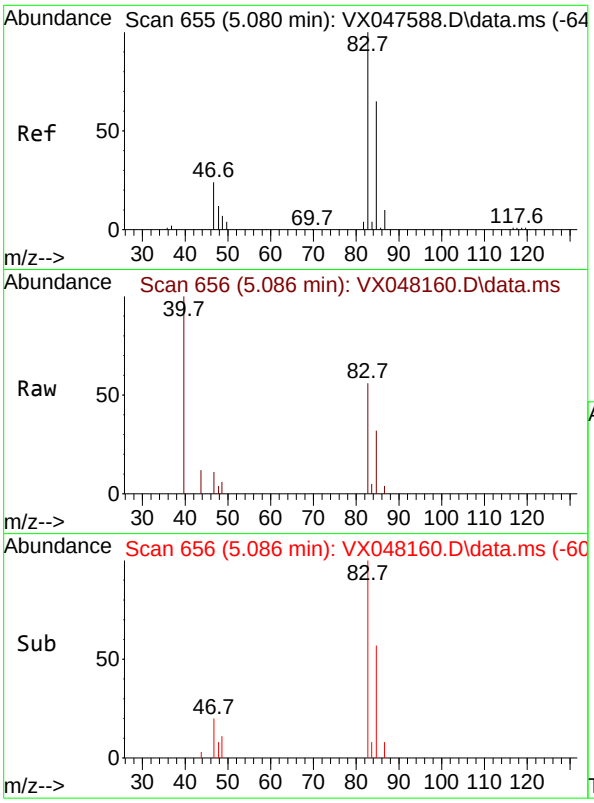


#27
cis-1,2-Dichloroethene
Concen: 2.318 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Tgt Ion: 96 Resp: 4253

Ion	Ratio	Lower	Upper
96	100		
61	126.2	0.0	303.2
98	62.1	0.0	127.8



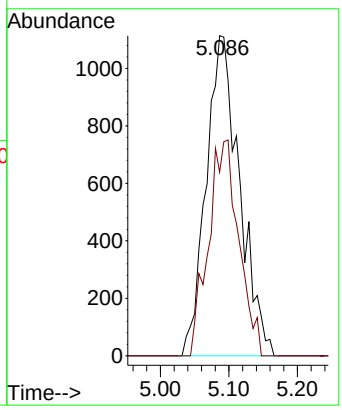


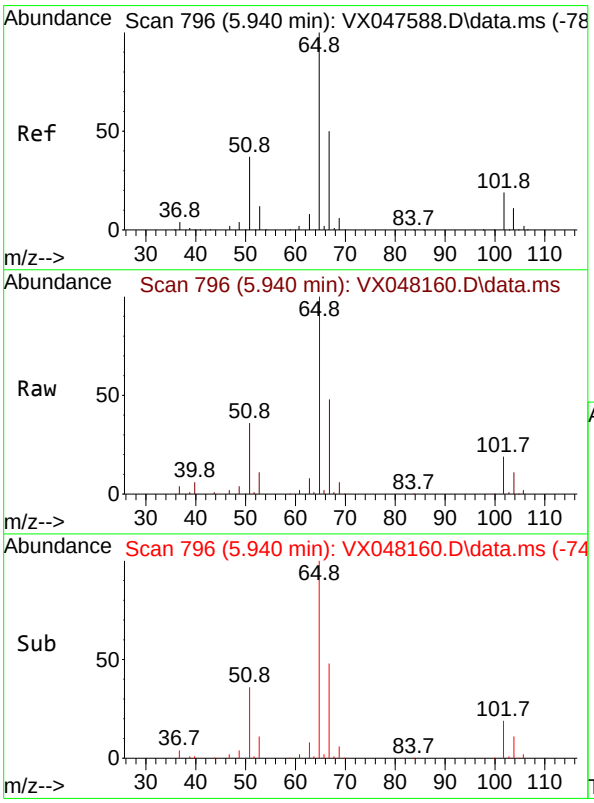
#30
Chloroform
Concen: 1.261 ug/l
RT: 5.086 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

Tgt Ion: 83 Resp: 3770

Ion	Ratio	Lower	Upper
83	100		
85	53.1	51.8	77.6

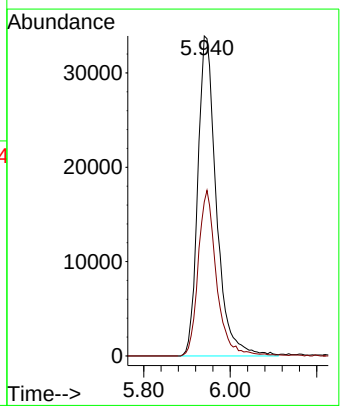


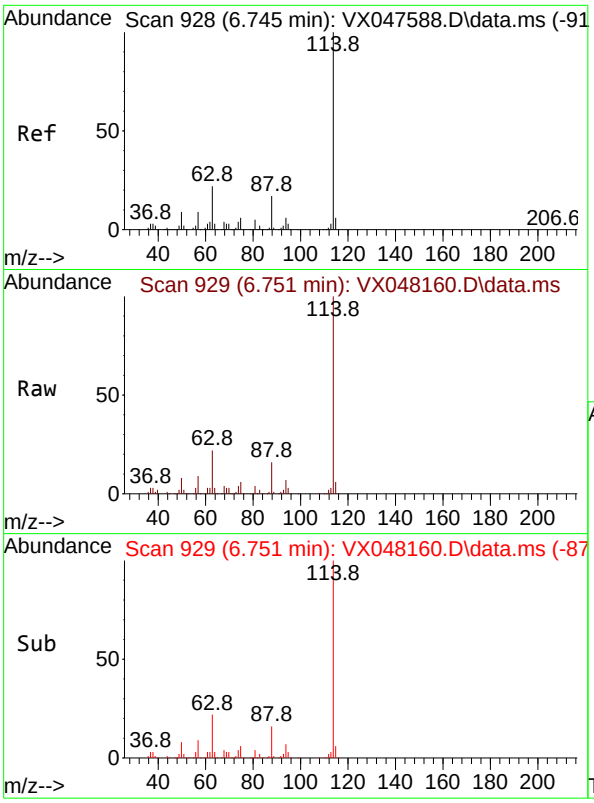


#33
1,2-Dichloroethane-d4
Concen: 54.102 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Tgt Ion: 65 Resp: 100879

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0



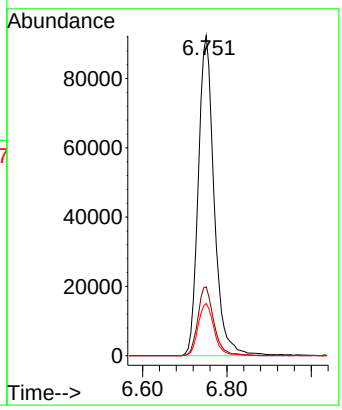


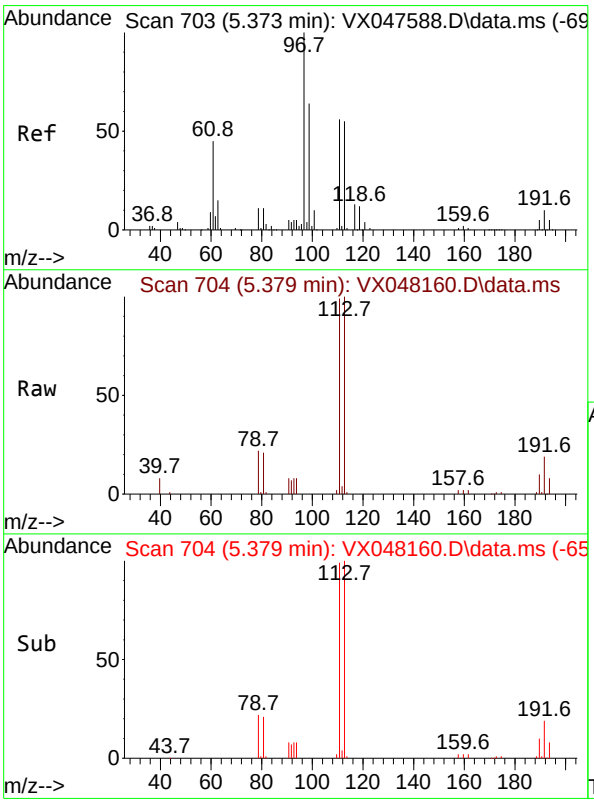
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

Tgt Ion:114 Resp: 242012

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	16.3	0.0	34.2

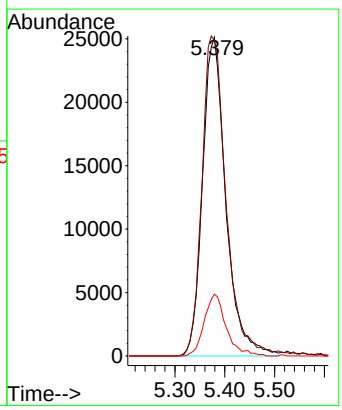


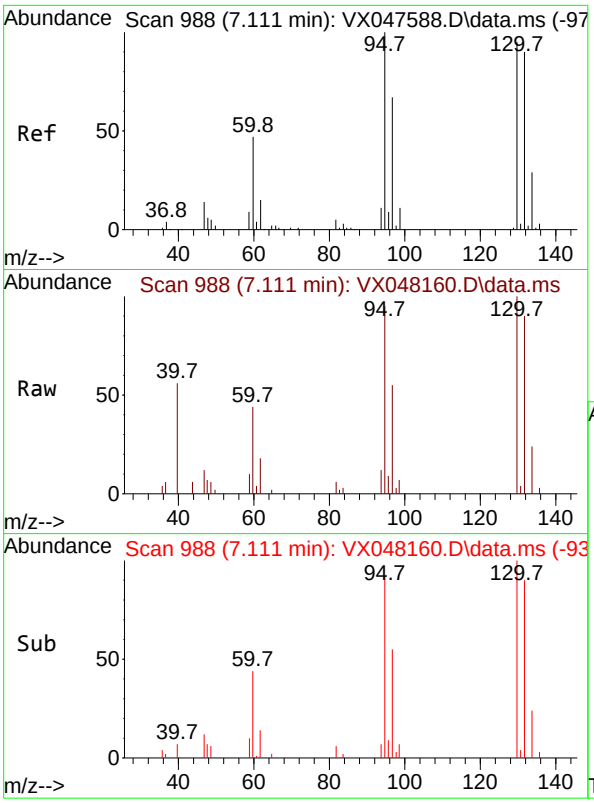


#35
Dibromofluoromethane
Concen: 50.239 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Tgt Ion:113 Resp: 81541

Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.9	121.3
192	18.2	14.2	21.4



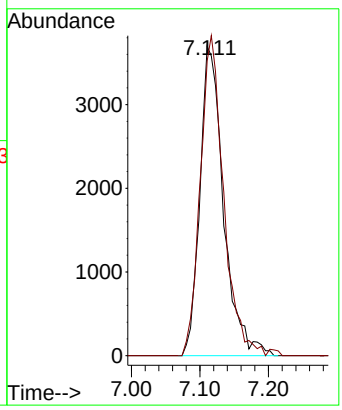


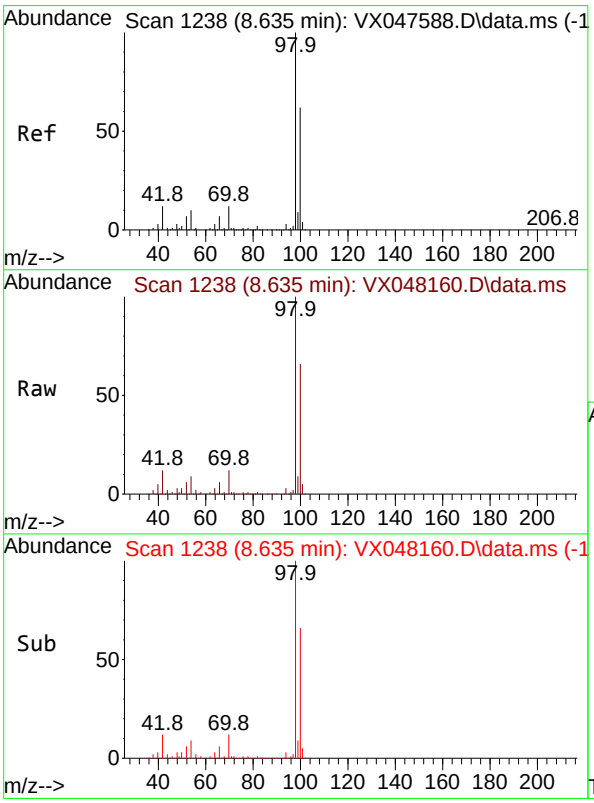
#44
Trichloroethene
Concen: 5.092 ug/l
RT: 7.111 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

Tgt Ion:130 Resp: 8868

Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	210.8

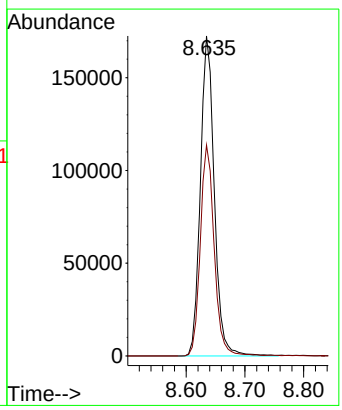


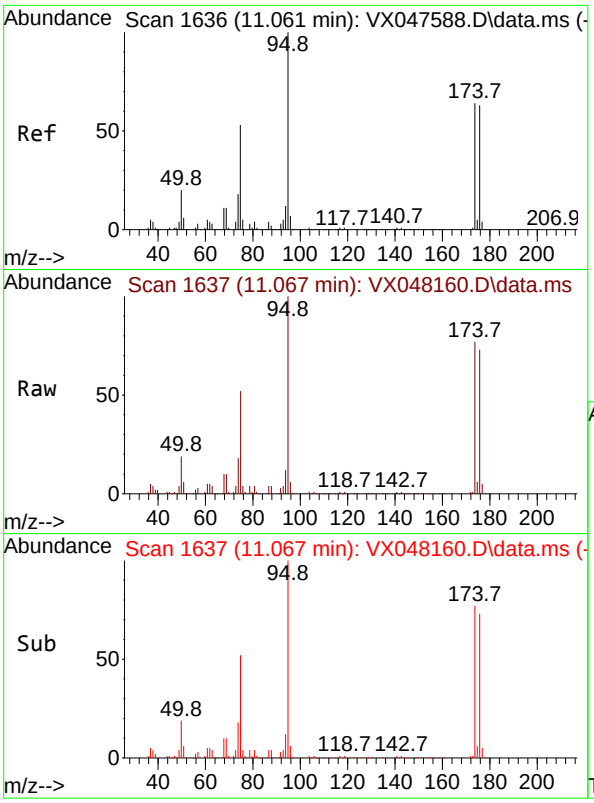


#50
Toluene-d8
Concen: 50.610 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Tgt Ion: 98 Resp: 284232

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4



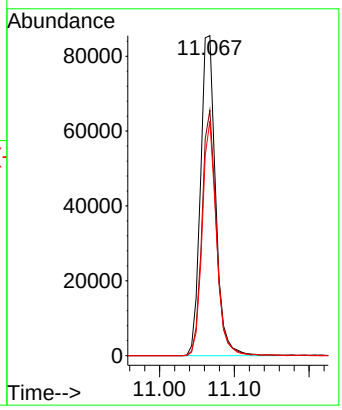


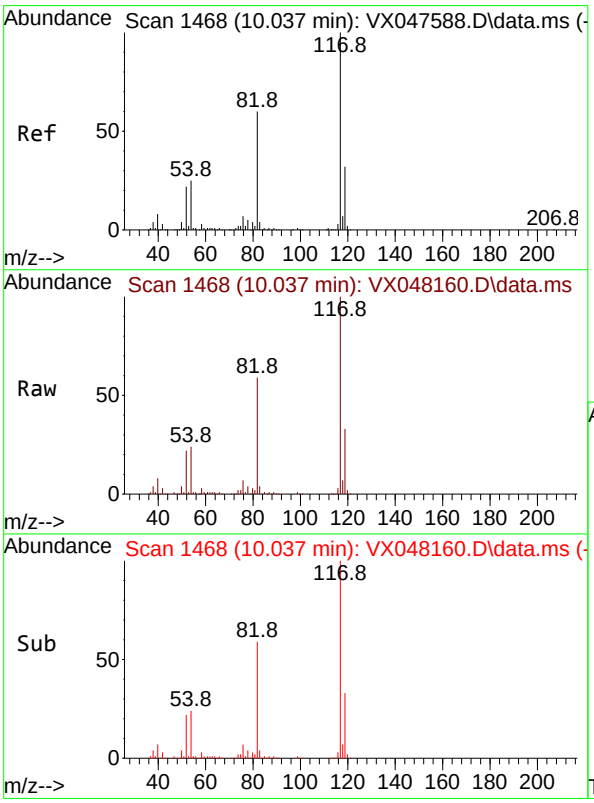
#62
4-Bromofluorobenzene
Concen: 56.317 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

Tgt Ion: 95 Resp: 120036

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	141.6
176	69.5	0.0	138.4

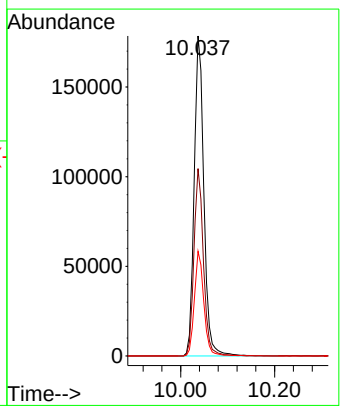


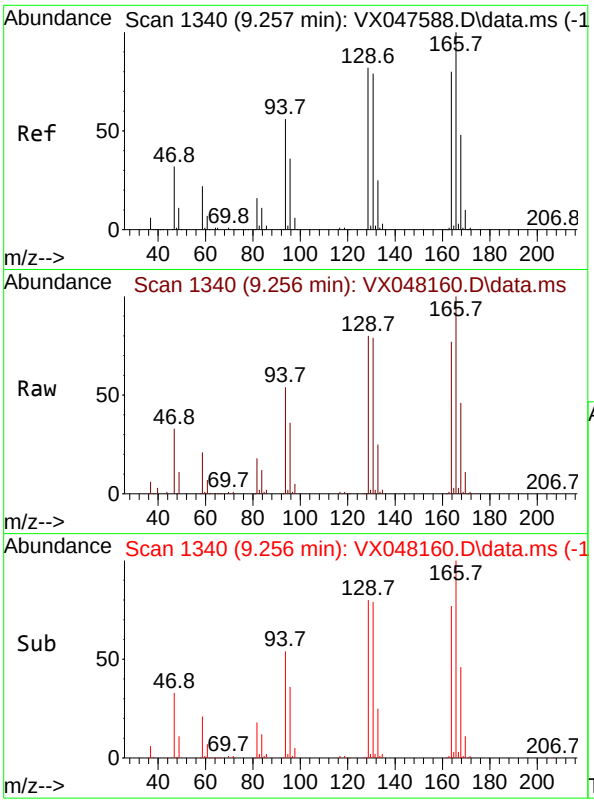


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Tgt Ion:117 Resp: 256907

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.8	71.6
119	32.7	25.2	37.8



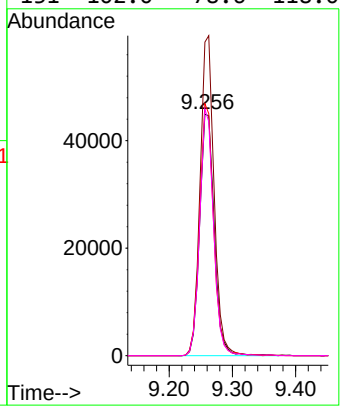


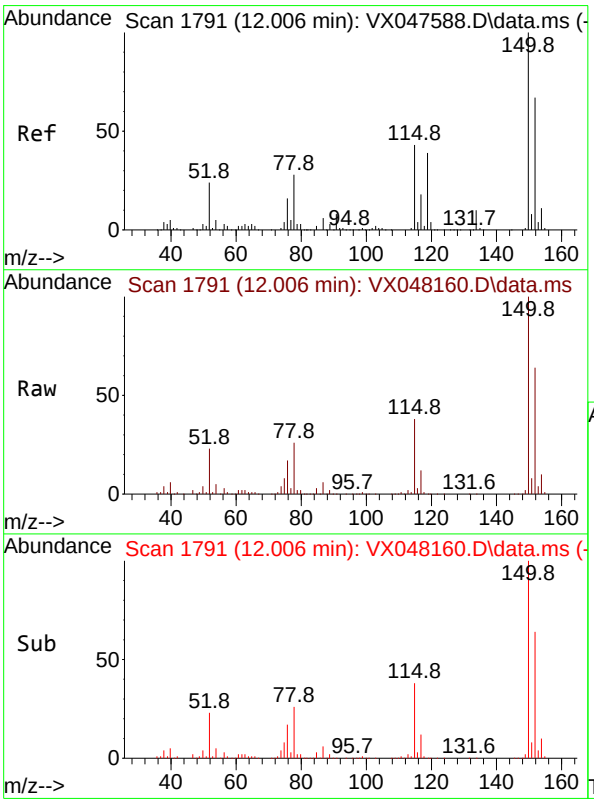
#64
Tetrachloroethene
Concen: 42.905 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

Tgt Ion:164 Resp: 71855

Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.2	150.2
129	104.3	81.8	122.6
131	102.0	78.6	118.0

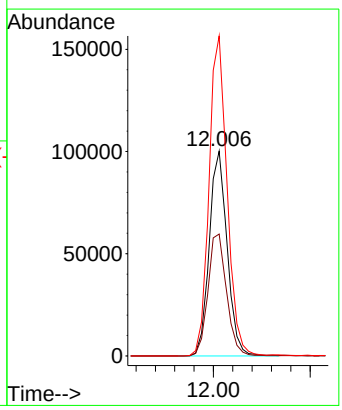




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Tgt Ion:152 Resp: 129216

Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.9	134.5
150	157.5	0.0	352.0



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	GW-DUP	SDG No.:	Q3311
Lab Sample ID:	Q3311-15	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	100	U	100	22.0	100	ug/L	10/14/25 13:30	VX101425
74-87-3	Chloromethane	100	U	100	32.0	100	ug/L	10/14/25 13:30	VX101425
75-01-4	Vinyl Chloride	100	U	100	26.0	100	ug/L	10/14/25 13:30	VX101425
74-83-9	Bromomethane	500	U	100	140	500	ug/L	10/14/25 13:30	VX101425
75-00-3	Chloroethane	100	U	100	47.0	100	ug/L	10/14/25 13:30	VX101425
75-69-4	Trichlorofluoromethane	100	U	100	33.0	100	ug/L	10/14/25 13:30	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	100	U	100	25.0	100	ug/L	10/14/25 13:30	VX101425
75-35-4	1,1-Dichloroethene	100	U	100	23.0	100	ug/L	10/14/25 13:30	VX101425
67-64-1	Acetone	500	U	100	150	500	ug/L	10/14/25 13:30	VX101425
75-15-0	Carbon Disulfide	100	U	100	21.0	100	ug/L	10/14/25 13:30	VX101425
1634-04-4	Methyl tert-butyl Ether	100	UQ	100	16.0	100	ug/L	10/14/25 13:30	VX101425
79-20-9	Methyl Acetate	100	UQ	100	27.0	100	ug/L	10/14/25 13:30	VX101425
75-09-2	Methylene Chloride	100	U	100	28.0	100	ug/L	10/14/25 13:30	VX101425
156-60-5	trans-1,2-Dichloroethene	100	U	100	23.0	100	ug/L	10/14/25 13:30	VX101425
75-34-3	1,1-Dichloroethane	100	U	100	23.0	100	ug/L	10/14/25 13:30	VX101425
110-82-7	Cyclohexane	500	U	100	150	500	ug/L	10/14/25 13:30	VX101425
78-93-3	2-Butanone	500	U	100	98.0	500	ug/L	10/14/25 13:30	VX101425
56-23-5	Carbon Tetrachloride	100	U	100	25.0	100	ug/L	10/14/25 13:30	VX101425
156-59-2	cis-1,2-Dichloroethene	100	U	100	19.0	100	ug/L	10/14/25 13:30	VX101425
74-97-5	Bromochloromethane	100	U	100	22.0	100	ug/L	10/14/25 13:30	VX101425
67-66-3	Chloroform	100	U	100	25.0	100	ug/L	10/14/25 13:30	VX101425
71-55-6	1,1,1-Trichloroethane	100	U	100	20.0	100	ug/L	10/14/25 13:30	VX101425
108-87-2	Methylcyclohexane	100	U	100	16.0	100	ug/L	10/14/25 13:30	VX101425
71-43-2	Benzene	100	U	100	15.0	100	ug/L	10/14/25 13:30	VX101425
107-06-2	1,2-Dichloroethane	100	U	100	22.0	100	ug/L	10/14/25 13:30	VX101425
79-01-6	Trichloroethene	100	U	100	9.30	100	ug/L	10/14/25 13:30	VX101425
78-87-5	1,2-Dichloropropane	100	U	100	20.0	100	ug/L	10/14/25 13:30	VX101425
75-27-4	Bromodichloromethane	100	U	100	22.0	100	ug/L	10/14/25 13:30	VX101425
108-10-1	4-Methyl-2-Pentanone	500	U	100	68.0	500	ug/L	10/14/25 13:30	VX101425
108-88-3	Toluene	100	U	100	14.0	100	ug/L	10/14/25 13:30	VX101425
10061-02-6	t-1,3-Dichloropropene	100	U	100	17.0	100	ug/L	10/14/25 13:30	VX101425
10061-01-5	cis-1,3-Dichloropropene	100	U	100	16.0	100	ug/L	10/14/25 13:30	VX101425
79-00-5	1,1,2-Trichloroethane	100	U	100	21.0	100	ug/L	10/14/25 13:30	VX101425
591-78-6	2-Hexanone	500	U	100	89.0	500	ug/L	10/14/25 13:30	VX101425
124-48-1	Dibromochloromethane	100	U	100	18.0	100	ug/L	10/14/25 13:30	VX101425
106-93-4	1,2-Dibromoethane	100	U	100	15.0	100	ug/L	10/14/25 13:30	VX101425
127-18-4	Tetrachloroethene	5100		100	23.0	100	ug/L	10/14/25 13:30	VX101425
108-90-7	Chlorobenzene	100	U	100	12.0	100	ug/L	10/14/25 13:30	VX101425
100-41-4	Ethyl Benzene	100	U	100	13.0	100	ug/L	10/14/25 13:30	VX101425
179601-23-1	m/p-Xylenes	200	U	100	24.0	200	ug/L	10/14/25 13:30	VX101425
95-47-6	o-Xylene	100	U	100	12.0	100	ug/L	10/14/25 13:30	VX101425
100-42-5	Styrene	100	U	100	15.0	100	ug/L	10/14/25 13:30	VX101425
75-25-2	Bromoform	100	U	100	19.0	100	ug/L	10/14/25 13:30	VX101425

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	GW-DUP	SDG No.:	Q3311
Lab Sample ID:	Q3311-15	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	100	U	100	12.0	100	ug/L	10/14/25 13:30	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	26.0	100	ug/L	10/14/25 13:30	VX101425
541-73-1	1,3-Dichlorobenzene	100	U	100	16.0	100	ug/L	10/14/25 13:30	VX101425
106-46-7	1,4-Dichlorobenzene	100	U	100	19.0	100	ug/L	10/14/25 13:30	VX101425
95-50-1	1,2-Dichlorobenzene	100	U	100	16.0	100	ug/L	10/14/25 13:30	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	53.0	100	ug/L	10/14/25 13:30	VX101425
120-82-1	1,2,4-Trichlorobenzene	100	U	100	20.0	100	ug/L	10/14/25 13:30	VX101425
87-61-6	1,2,3-Trichlorobenzene	100	U	100	20.0	100	ug/L	10/14/25 13:30	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	51.3			74 - 125	103%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.6			75 - 124	97%	SPK: 50		
2037-26-5	Toluene-d8	49.1			86 - 113	98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.4			77 - 121	107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	104000							
540-36-3	1,4-Difluorobenzene	213000							
3114-55-4	Chlorobenzene-d5	227000							
3855-82-1	1,4-Dichlorobenzene-d4	113000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048161.D
Acq On : 14 Oct 2025 13:30
Operator : JC/MD
Sample : Q3311-15 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Quant Time: Oct 15 02:43:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

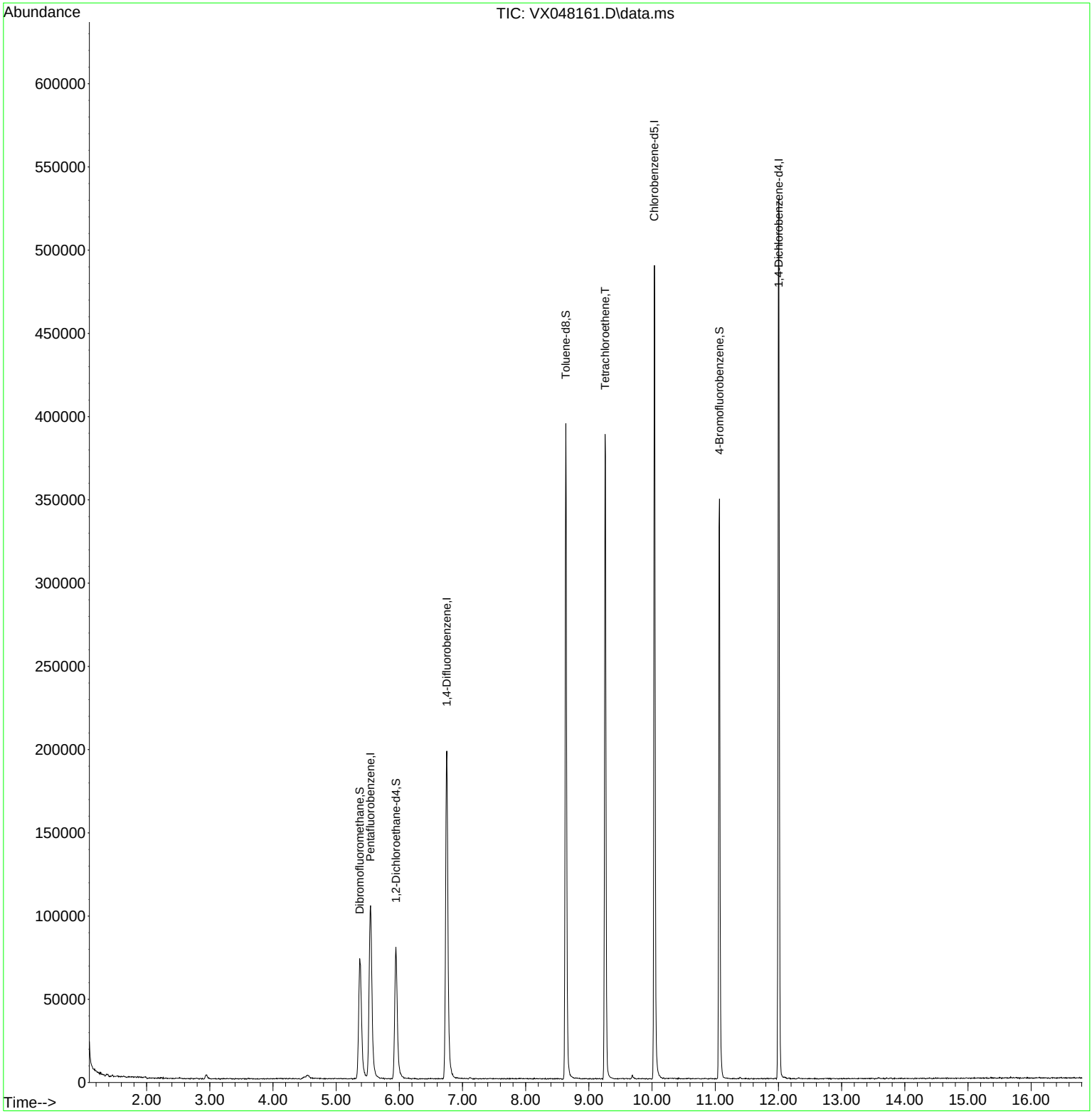
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	103754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	213396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	226773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84733	51.307	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.620%			
35) Dibromofluoromethane	5.373	113	69492	48.557	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.120%			
50) Toluene-d8	8.634	98	243248	49.121	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.240%			
62) 4-Bromofluorobenzene	11.067	95	100436	53.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.880%			
Target Compounds						Qvalue
64) Tetrachloroethene	9.256	164	75223	50.884	ug/l	98

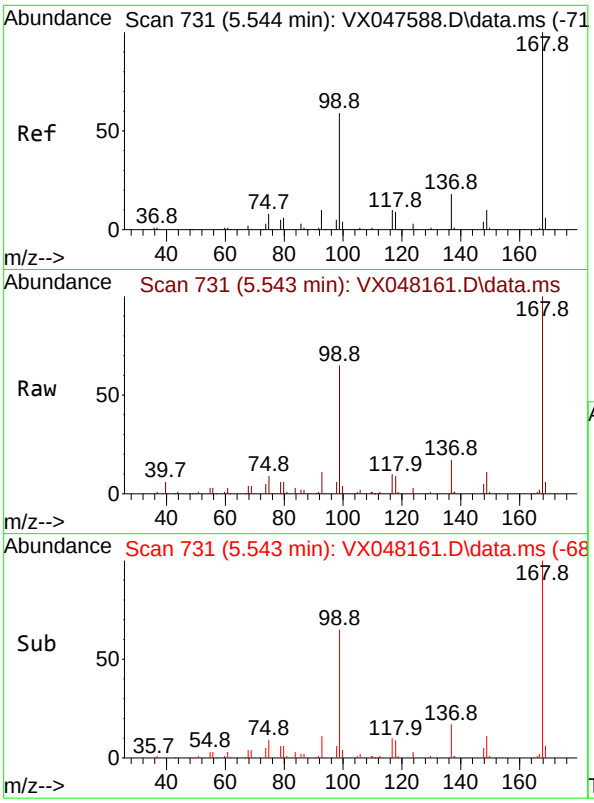
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048161.D
Acq On : 14 Oct 2025 13:30
Operator : JC/MD
Sample : Q3311-15 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Quant Time: Oct 15 02:43:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



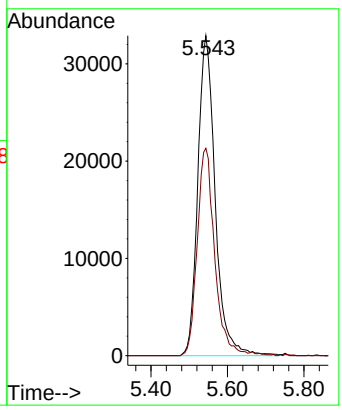


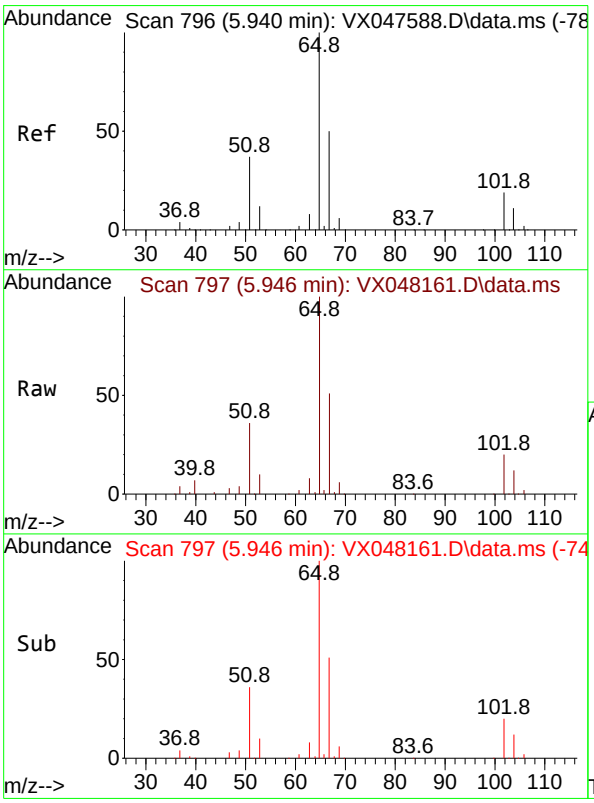
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Tgt Ion:168 Resp: 103754

Ion	Ratio	Lower	Upper
168	100		
99	64.8	48.8	73.2

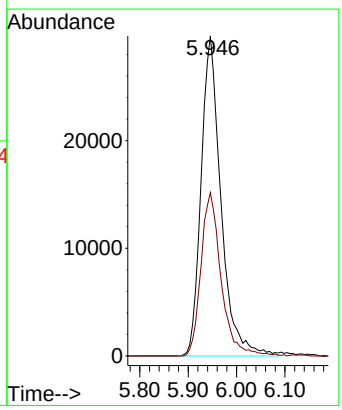


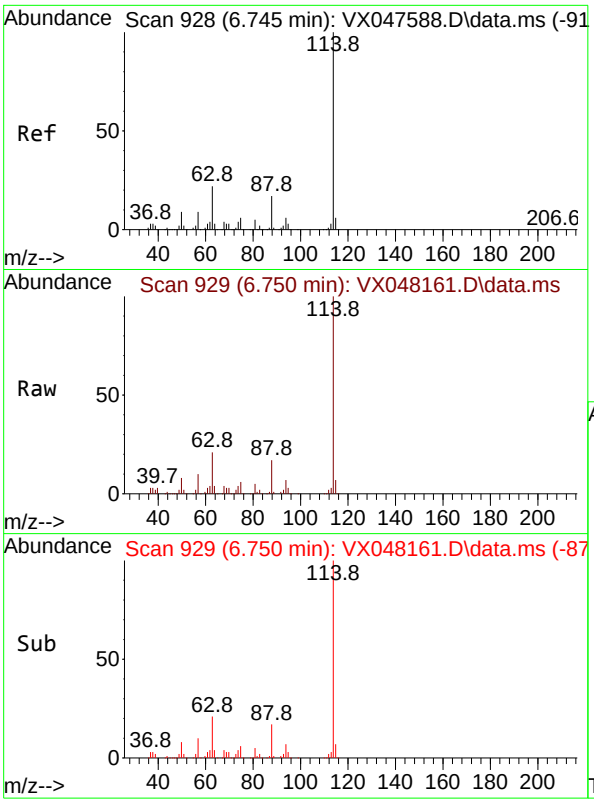


#33
1,2-Dichloroethane-d4
Concen: 51.307 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Tgt Ion: 65 Resp: 84733

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0



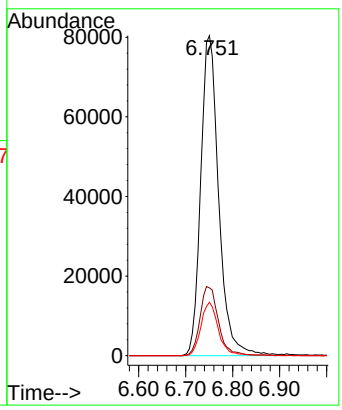


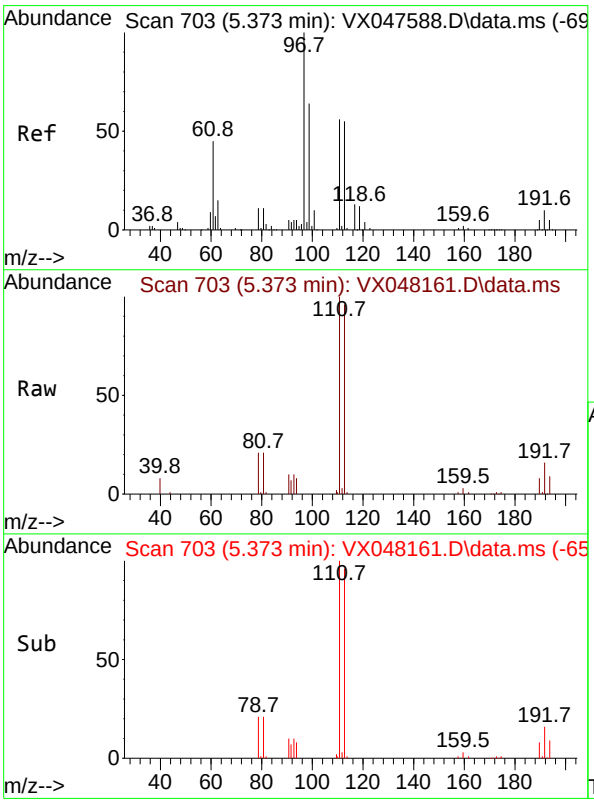
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Tgt Ion:114 Resp: 213396

Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	44.0
88	16.7	0.0	34.2

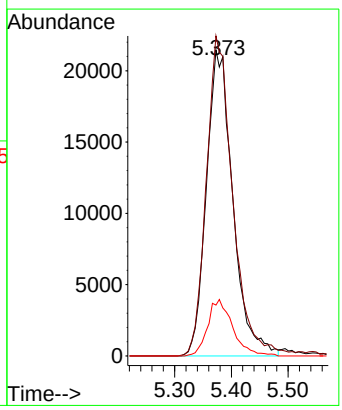


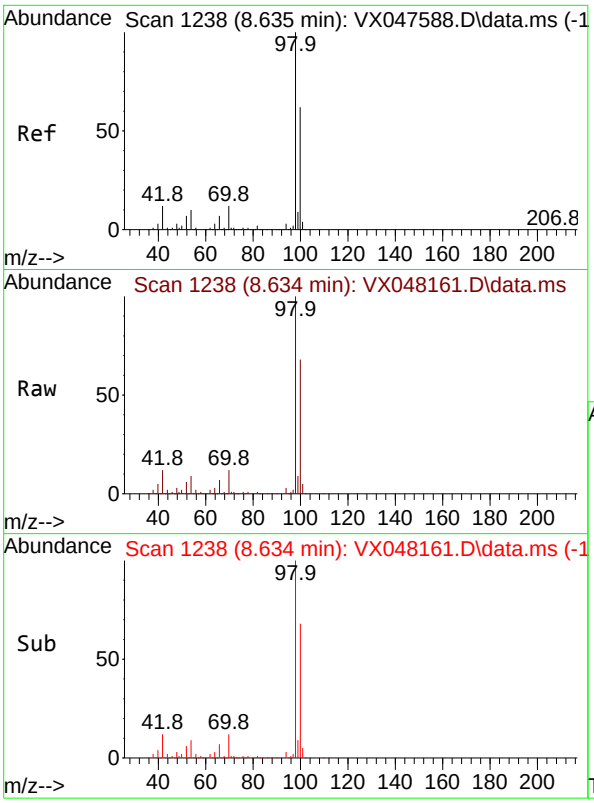


#35
Dibromofluoromethane
Concen: 48.557 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Tgt Ion:113 Resp: 69492

Ion	Ratio	Lower	Upper
113	100		
111	104.5	80.9	121.3
192	17.5	14.2	21.4



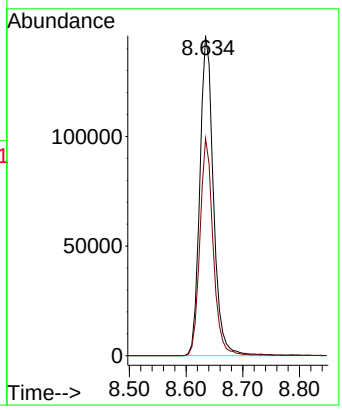


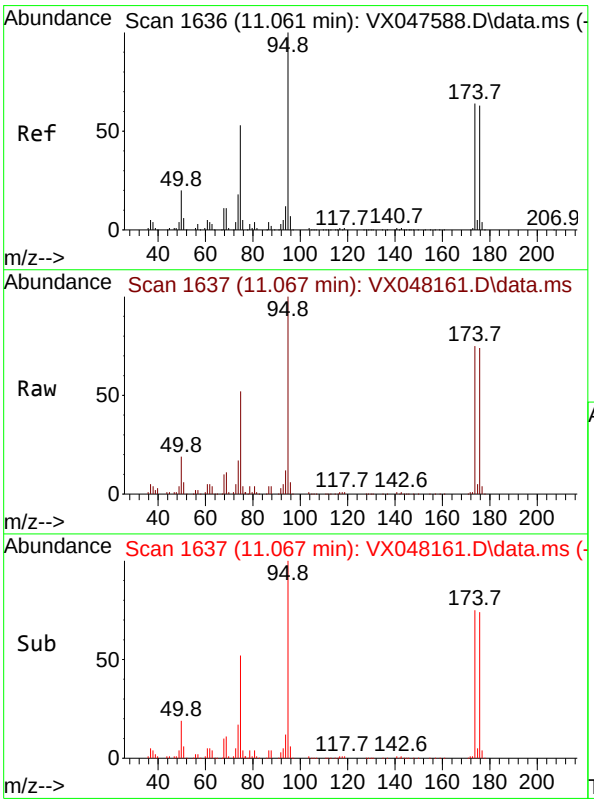
#50
Toluene-d8
Concen: 49.121 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Tgt Ion: 98 Resp: 243248

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

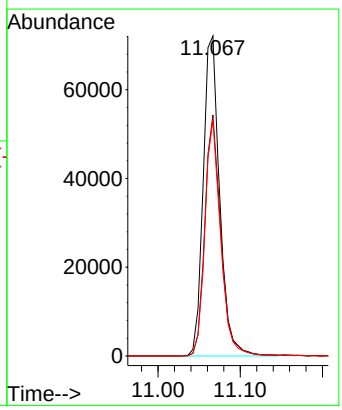


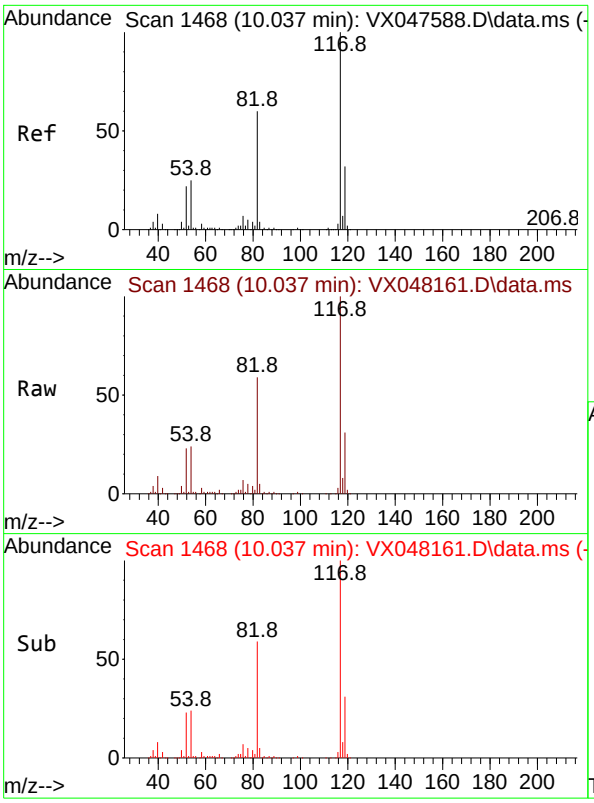


#62
4-Bromofluorobenzene
Concen: 53.441 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Tgt Ion: 95 Resp: 100436

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	141.6
176	70.3	0.0	138.4



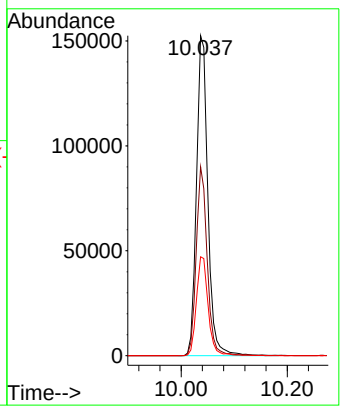


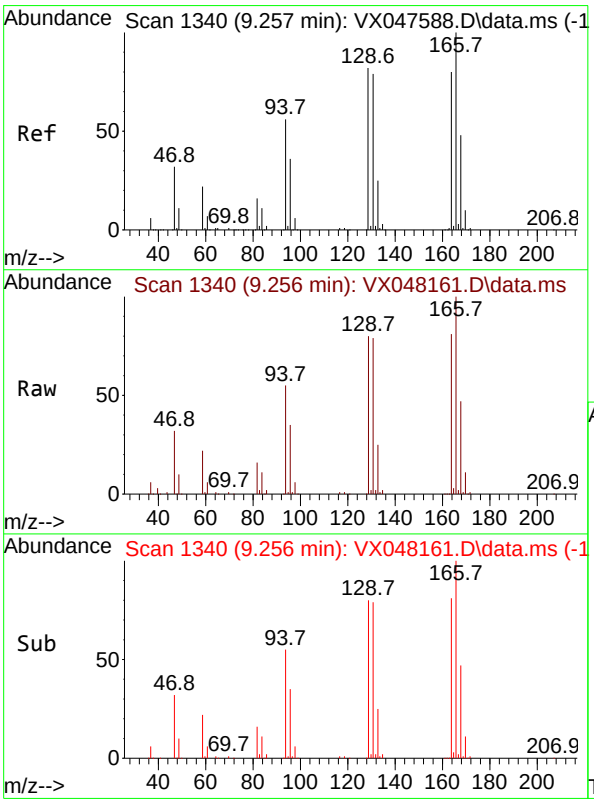
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Tgt Ion:117 Resp: 226773

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.8	71.6
119	30.9	25.2	37.8

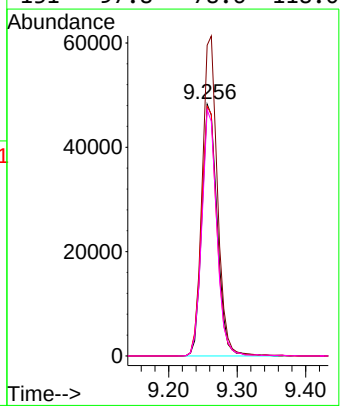


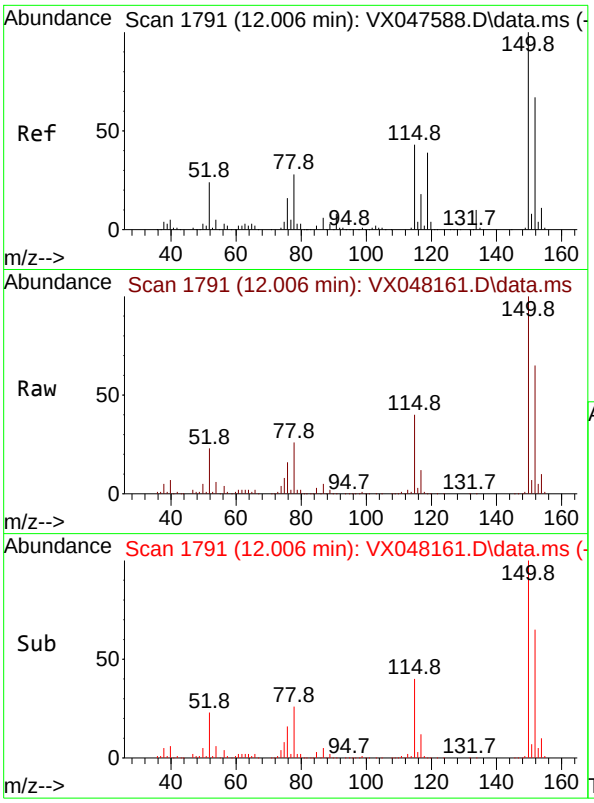


#64
Tetrachloroethene
Concen: 50.884 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Tgt Ion:164 Resp: 75223

Ion	Ratio	Lower	Upper
164	100		
166	123.3	100.2	150.2
129	99.1	81.8	122.6
131	97.8	78.6	118.0



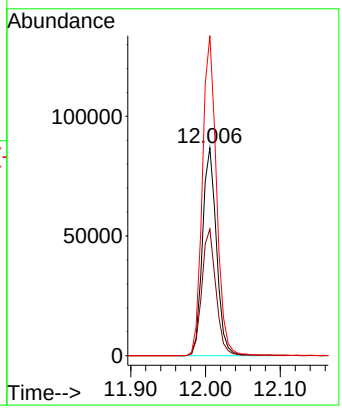


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048161.D
Acq: 14 Oct 2025 13:30

Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Tgt Ion:152 Resp: 113205

Ion	Ratio	Lower	Upper
152	100		
115	61.5	44.9	134.5
150	154.9	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048161.D
Acq On : 14 Oct 2025 13:30
Operator : JC/MD
Sample : Q3311-15 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048161.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	693	703	720	rBV3	72184	231334	32.30%	5.171%
2	5.543	721	731	753	rVB	103449	323559	45.18%	7.233%
3	5.946	787	797	816	rBV	79122	229521	32.05%	5.131%
4	6.751	919	929	943	rBV	197099	515037	71.91%	11.513%
5	8.634	1231	1238	1258	rBV	393887	651951	91.03%	14.573%
6	9.256	1334	1340	1366	rBV2	387586	606729	84.72%	13.562%
7	10.037	1462	1468	1485	rBV	488892	716183	100.00%	16.009%
8	11.067	1631	1637	1648	rBV	348358	487926	68.13%	10.907%
9	12.006	1785	1791	1803	rBV	528874	711388	99.33%	15.902%

Sum of corrected areas: 4473628

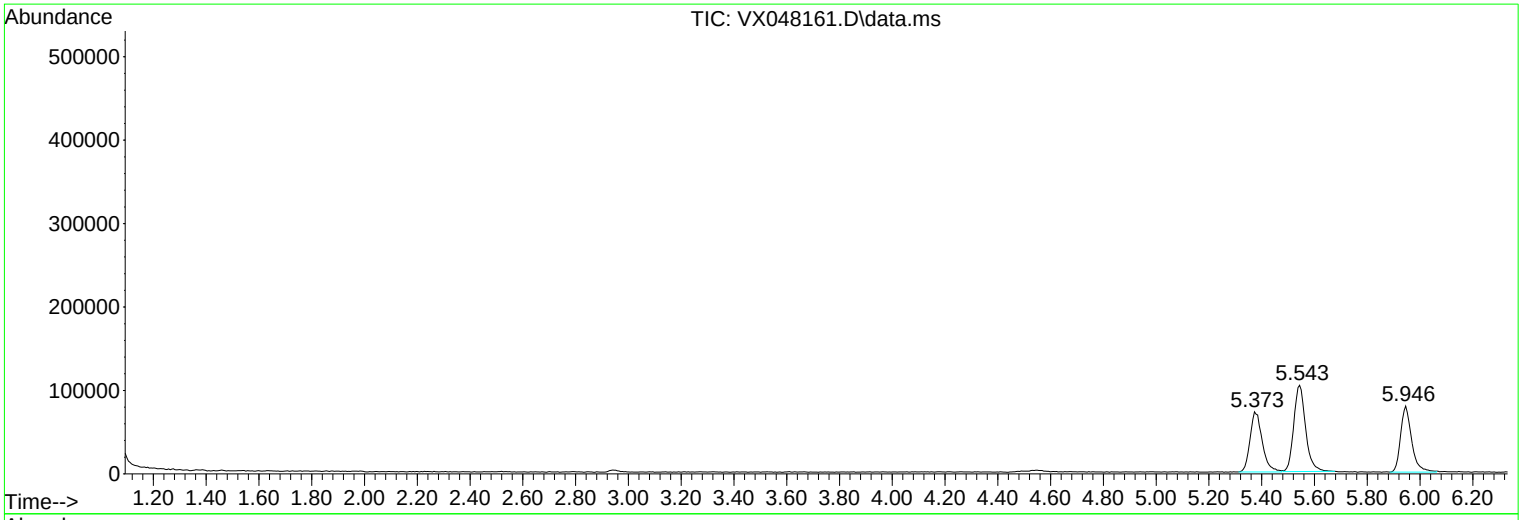
Sample Results: **VX048161.D**

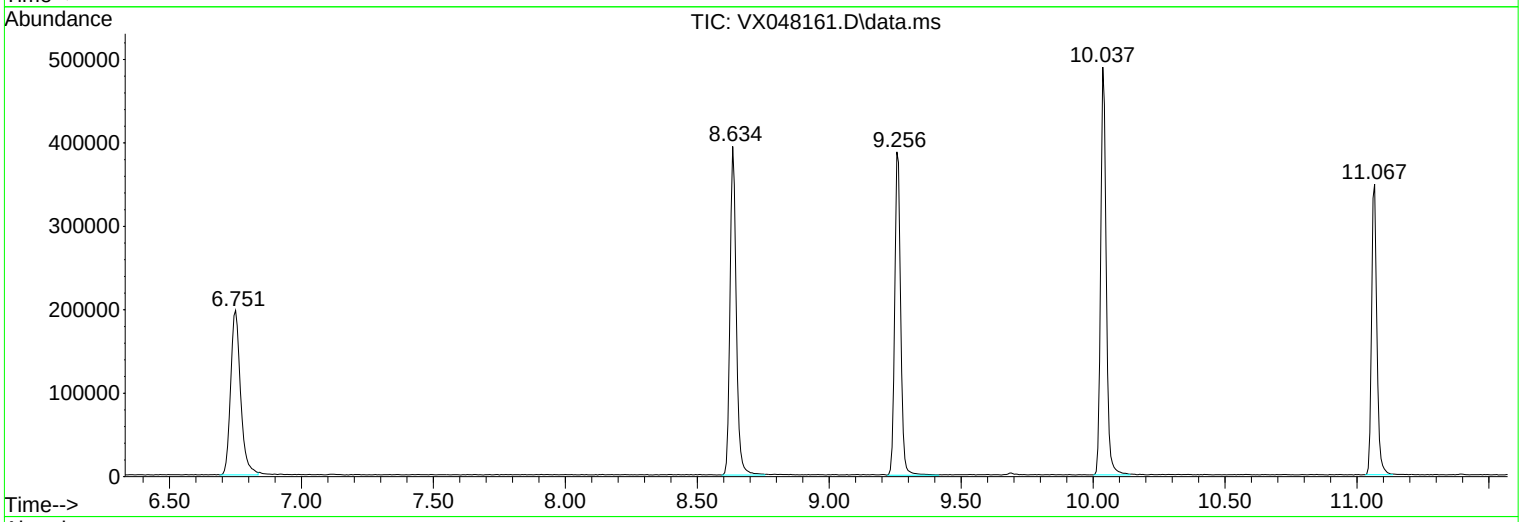
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048161.D
Acq On : 14 Oct 2025 13:30
Operator : JC/MD
Sample : Q3311-15 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

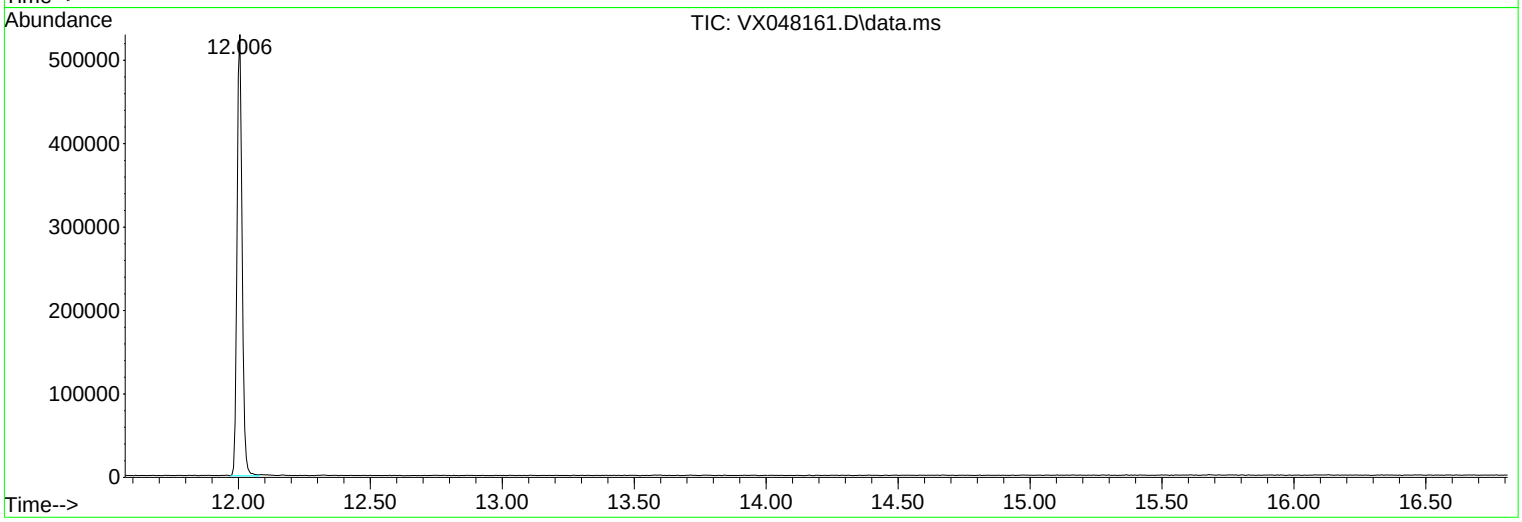
Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048161.D
Acq On : 14 Oct 2025 13:30
Operator : JC/MD
Sample : Q3311-15 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048161.D
Acq On : 14 Oct 2025 13:30
Operator : JC/MD
Sample : Q3311-15 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-DUP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3311

Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10
Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.9
Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.9
Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15
Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.4
Trichlorofluoromethane	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.5
1,1,2-Trichlorotrifluoroethane	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.2
1,1-Dichloroethene	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.7
Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.7
Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.8
Methyl tert-butyl Ether	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.5
Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.4
Methylene Chloride	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.5
trans-1,2-Dichloroethene	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.3
1,1-Dichloroethane	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.8
Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.1
2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	9
Carbon Tetrachloride	0.482	0.574	0.555	0.539	0.526	0.518	0.532	6
cis-1,2-Dichloroethene	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.4
Bromochloromethane	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.2
Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.7
1,1,1-Trichloroethane	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.3
Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.6
Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.1
1,2-Dichloroethane	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.8
Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.9
1,2-Dichloropropane	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.4
Bromodichloromethane	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.7
4-Methyl-2-Pentanone	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.3
Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.2

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3311

Instrument ID: MSVOA_X Calibration Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N Calibration Time(s): 09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX047585.D RRF005 = VX047586.D RRF020 = VX047587.D
RRF050 = VX047588.D RRF100 = VX047589.D RRF150 = VX047590.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.3
cis-1,3-Dichloropropene	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.7
1,1,2-Trichloroethane	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.1
2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.8
Dibromochloromethane	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.5
1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.1
Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6
Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.2
Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.6
m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.8
o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.1
Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.7
Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.4
Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.9
1,1,2,2-Tetrachloroethane	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.2
1,3-Dichlorobenzene	1.462	1.800	1.829	1.817	1.768	1.758	1.739	8
1,4-Dichlorobenzene	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.5
1,2-Dichlorobenzene	1.359	1.691	1.757	1.746	1.696	1.692	1.657	9
1,2-Dibromo-3-Chloropropane	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.1
1,2,4-Trichlorobenzene	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.3
1,2,3-Trichlorobenzene	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.7
1,2-Dichloroethane-d4		0.884	0.647	0.770	0.815	0.863	0.796	11.8
Dibromofluoromethane		0.356	0.266	0.331	0.355	0.368	0.335	12.3
Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.1
4-Bromofluorobenzene		0.478	0.360	0.427	0.452	0.484	0.440	11.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025
Response Via : Initial Calibration

Calibration Files
1 =VX047585.D 5 =VX047586.D 20 =VX047587.D 50 =VX047588.D 100 =VX047589.D 150 =VX047590.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.447	0.575	0.582	0.501	0.510	0.492	0.518	10.01
3)	P	Chloromethane	0.610	0.749	0.739	0.661	0.677	0.647	0.680	7.92
4)	C	Vinyl Chloride	0.572	0.713	0.716	0.661	0.677	0.658	0.666	7.87#
5)	T	Bromomethane		0.493	0.451	0.424	0.423	0.321	0.422	15.01
6)	T	Chloroethane	0.433	0.450	0.469	0.443	0.450	0.426	0.445	3.36
7)	T	Trichlorofluor...	0.865	1.033	1.038	0.995	1.018	0.986	0.989	6.49
8)	T	Diethyl Ether	0.372	0.405	0.413	0.409	0.420	0.409	0.405	4.17
9)	T	1,1,2-Trichlor...	0.519	0.591	0.603	0.583	0.590	0.583	0.578	5.21
10)	T	Methyl Iodide		0.865	0.922	0.911	0.925	0.886	0.902	2.85
11)	T	Tert butyl alc...		0.085	0.086	0.089	0.090	0.094	0.089	4.18
12)	CM	1,1-Dichloroet...	0.526	0.612	0.618	0.604	0.609	0.596	0.594	5.71#
13)	T	Acrolein		0.071	0.069	0.082	0.089	0.097	0.082	14.59
14)	T	Allyl chloride	1.194	1.267	1.249	1.211	1.226	1.207	1.226	2.25
15)	T	Acrylonitrile	0.264	0.329	0.343	0.347	0.343	0.344	0.328	9.82
16)	T	Acetone	0.343	0.416	0.400	0.317	0.302	0.299	0.346	14.67
17)	T	Carbon Disulfide	1.555	1.735	1.758	1.566	1.589	1.555	1.626	5.80
18)	T	Methyl Acetate	0.612	0.673	0.714	0.876	0.865	0.881	0.770	15.39
19)	T	Methyl tert-bu...	1.884	2.238	2.221	2.247	2.212	2.209	2.169	6.47
20)	T	Methylene Chlo...	0.718	0.772	0.754	0.730	0.716	0.705	0.732	3.45
21)	T	trans-1,2-Dich...	0.543	0.703	0.665	0.649	0.643	0.635	0.640	8.28
22)	T	Diisopropyl ether	1.976	2.531	2.487	2.477	2.398	2.384	2.376	8.56
23)	T	Vinyl Acetate	1.541	1.937	2.020	1.992	1.958	1.961	1.901	9.41
24)	P	1,1-Dichloroet...	1.090	1.325	1.299	1.297	1.287	1.278	1.263	6.81
25)	T	2-Butanone	0.370	0.470	0.473	0.439	0.414	0.424	0.432	8.98
26)	T	2,2-Dichloropr...	0.945	1.096	1.074	1.068	1.055	1.060	1.050	5.06
27)	T	cis-1,2-Dichlo...	0.698	0.806	0.803	0.808	0.787	0.797	0.783	5.41
28)	T	Bromochloromet...	0.457	0.607	0.450	0.577	0.587	0.630	0.551	14.18
29)	T	Tetrahydrofuran	0.211	0.269	0.272	0.275	0.262	0.268	0.260	9.24
30)	C	Chloroform	1.034	1.364	1.366	1.323	1.282	1.288	1.276	9.72#
31)	T	Cyclohexane		1.161	1.092	1.030	0.984	0.993	1.052	7.08
32)	T	1,1,1-Trichlor...	0.901	1.123	1.141	1.127	1.100	1.103	1.082	8.33
33)	S	1,2-Dichloroet...		0.884	0.647	0.770	0.815	0.863	0.796	11.82
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.356	0.266	0.331	0.355	0.368	0.335	12.25
36)	T	1,1-Dichloropr...	0.484	0.520	0.508	0.487	0.471	0.469	0.490	4.15
37)	T	Ethyl Acetate	0.429	0.561	0.554	0.532	0.533	0.539	0.525	9.21
38)	T	Carbon Tetrach...	0.482	0.574	0.555	0.539	0.526	0.518	0.532	5.99
39)	T	Methylcyclohexane	0.490	0.589	0.591	0.565	0.548	0.554	0.556	6.60
40)	TM	Benzene	1.330	1.577	1.566	1.523	1.473	1.459	1.488	6.11
41)	T	Methacrylonitrile	0.236	0.264	0.286	0.286	0.282	0.271	0.271	7.13
42)	TM	1,2-Dichloroet...	0.513	0.595	0.600	0.582	0.554	0.553	0.566	5.76
43)	T	Isopropyl Acetate	0.751	0.882	0.889	0.897	0.865	0.879	0.860	6.34
44)	TM	Trichloroethene	0.296	0.382	0.382	0.370	0.364	0.363	0.360	8.92
45)	C	1,2-Dichloropr...	0.326	0.403	0.394	0.397	0.382	0.384	0.381	7.37#
46)	T	Dibromomethane	0.248	0.285	0.289	0.288	0.276	0.277	0.277	5.54
47)	T	Bromodichlorom...	0.461	0.599	0.601	0.607	0.579	0.586	0.572	9.65
48)	T	Methyl methacr...	0.372	0.421	0.447	0.449	0.436	0.446	0.429	6.97
49)	T	1,4-Dioxane	0.003	0.004	0.004	0.005	0.005	0.005	0.004	19.43
50)	S	Toluene-d8		1.237	0.943	1.147	1.211	1.263	1.160	11.10
51)	T	4-Methyl-2-Pen...	0.390	0.493	0.503	0.511	0.479	0.487	0.477	9.28
52)	CM	Toluene	0.841	0.967	0.960	0.940	0.897	0.897	0.917	5.22#
53)	T	t-1,3-Dichloro...	0.487	0.588	0.602	0.619	0.595	0.611	0.584	8.33
54)	T	cis-1,3-Dichlo...	0.513	0.652	0.644	0.653	0.637	0.644	0.624	8.74
55)	T	1,1,2-Trichlor...	0.323	0.365	0.371	0.367	0.344	0.351	0.354	5.10
56)	T	Ethyl methacry...	0.407	0.563	0.587	0.599	0.580	0.595	0.555	13.25

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X091625W.M

57)	T	1,3-Dichloropr...	0.507	0.648	0.636	0.638	0.607	0.609	0.607	8.51
58)	T	2-Chloroethyl ...	0.094	0.212	0.210	0.272	0.280	0.292	0.227	32.65
59)	T	2-Hexanone	0.274	0.374	0.372	0.360	0.333	0.343	0.343	10.82
60)	T	Dibromochlorom...	0.321	0.414	0.431	0.435	0.421	0.422	0.407	10.49
61)	T	1,2-Dibromoethane	0.287	0.379	0.384	0.379	0.364	0.367	0.360	10.10
62)	S	4-Bromofluorob...		0.478	0.360	0.427	0.452	0.484	0.440	11.42
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.299	0.354	0.342	0.326	0.320	0.314	0.326	6.03
65)	PM	Chlorobenzene	0.998	1.182	1.177	1.178	1.139	1.142	1.136	6.18
66)	T	1,1,1,2-Tetrac...	0.327	0.404	0.402	0.414	0.404	0.402	0.392	8.26
67)	C	Ethyl Benzene	1.625	2.077	2.049	2.039	1.996	1.973	1.960	8.57#
68)	T	m/p-Xylenes	0.604	0.774	0.765	0.765	0.739	0.730	0.729	8.77
69)	T	o-Xylene	0.576	0.734	0.734	0.749	0.721	0.719	0.706	9.13
70)	T	Styrene	1.019	1.288	1.290	1.299	1.257	1.265	1.236	8.70
71)	P	Bromoform	0.221	0.293	0.301	0.313	0.312	0.317	0.293	12.37
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.124	3.907	3.986	4.047	3.907	3.839	3.801	8.94
74)	T	N-amyl acetate	1.277	1.726	1.851	1.862	1.834	1.850	1.733	13.21
75)	P	1,1,2,2-Tetrac...	0.965	1.182	1.203	1.225	1.152	1.173	1.150	8.16
76)	T	1,2,3-Trichlor...	0.847	1.023	1.073	1.128	0.939	1.064	1.012	10.13
77)	T	Bromobenzene	0.760	0.964	0.992	0.988	0.960	0.954	0.936	9.38
78)	T	n-propylbenzene	3.680	4.667	4.739	4.792	4.581	4.504	4.494	9.17
79)	T	2-Chlorotoluene	2.276	2.859	2.935	2.915	2.798	2.730	2.752	8.91
80)	T	1,3,5-Trimethy...	2.458	3.235	3.311	3.343	3.221	3.171	3.123	10.62
81)	T	trans-1,4-Dich...		0.347	0.381	0.414	0.420	0.424	0.397	8.31
82)	T	4-Chlorotoluene	2.754	3.347	3.410	3.433	3.285	3.275	3.251	7.74
83)	T	tert-Butylbenzene	2.800	3.223	3.346	3.359	3.240	3.215	3.197	6.39
84)	T	1,2,4-Trimethy...	2.522	3.302	3.381	3.344	3.234	3.216	3.166	10.17
85)	T	sec-Butylbenzene	3.110	4.001	3.945	4.028	3.867	3.834	3.797	9.09
86)	T	p-Isopropyltol...	2.660	3.372	3.371	3.419	3.263	3.205	3.215	8.81
87)	T	1,3-Dichlorobe...	1.462	1.800	1.829	1.817	1.768	1.758	1.739	7.95
88)	T	1,4-Dichlorobe...	1.570	1.890	1.868	1.832	1.767	1.783	1.785	6.47
89)	T	n-Butylbenzene	2.429	3.070	3.114	3.139	3.098	2.999	2.975	9.14
90)	T	Hexachloroethane	0.434	0.565	0.574	0.593	0.606	0.614	0.564	11.81
91)	T	1,2-Dichlorobe...	1.359	1.691	1.757	1.746	1.696	1.692	1.657	8.97
92)	T	1,2-Dibromo-3-...	0.173	0.218	0.242	0.254	0.250	0.260	0.233	14.07
93)	T	1,2,4-Trichlor...	0.831	1.099	1.107	1.156	1.140	1.126	1.077	11.34
94)	T	Hexachlorobuta...	0.341	0.377	0.361	0.384	0.377	0.354	0.366	4.51
95)	T	Naphthalene	2.503	3.153	3.410	3.539	3.496	3.571	3.279	12.46
96)	T	1,2,3-Trichlor...	0.753	0.986	1.031	1.088	1.078	1.073	1.002	12.72

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.537	168	246348	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.745	114	451502	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.037	117	410953	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	201976	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l		
Spiked Amount 50.000	Range 78 - 117		Recovery =	0.000%#			
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l		
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#			
50) Toluene-d8	0.000	98	0d	0.000	ug/l		
Spiked Amount 50.000	Range 92 - 112		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.179	85	2201	0.863	ug/l		96
3) Chloromethane	1.300	50	3006	0.897	ug/l	#	82
4) Vinyl Chloride	1.386	62	2818	0.859	ug/l		95
6) Chloroethane	1.697	64	2134	0.973	ug/l		95
7) Trichlorofluoromethane	1.898	101	4261	0.874	ug/l		88
8) Diethyl Ether	2.130	74	1831	0.919	ug/l		98
9) 1,1,2-Trichlorotrifluo...	2.337	101	2555	0.897	ug/l		93
12) 1,1-Dichloroethene	2.325	96	2594	0.886	ug/l	#	80
14) Allyl chloride	2.666	41	5885	0.974	ug/l		94
15) Acrylonitrile	3.062	53	6500	4.018	ug/l		97
16) Acetone	2.380	43	8444	4.953	ug/l		99
17) Carbon Disulfide	2.520	76	7662	0.956	ug/l	#	91
18) Methyl Acetate	2.703	43	3013	0.794	ug/l		98
19) Methyl tert-butyl Ether	3.111	73	9281	0.869	ug/l	#	89
20) Methylene Chloride	2.788	84	3540	0.981	ug/l		93
21) trans-1,2-Dichloroethene	3.099	96	2676	0.849	ug/l		95
22) Diisopropyl ether	3.751	45	9738	0.832	ug/l	#	87
23) Vinyl Acetate	3.715	43	37962	4.052	ug/l		97
24) 1,1-Dichloroethane	3.611	63	5372	0.863	ug/l		95
25) 2-Butanone	4.550	43	9105	4.281	ug/l	#	83
26) 2,2-Dichloropropane	4.477	77	4657	0.901	ug/l		77
27) cis-1,2-Dichloroethene	4.477	96	3440	0.891	ug/l		96
28) Bromochloromethane	4.879	49	2251	0.829	ug/l	#	93
29) Tetrahydrofuran	4.995	42	5210	4.072	ug/l		98
30) Chloroform	5.074	83	5093	0.810	ug/l		86
32) 1,1,1-Trichloroethane	5.373	97	4439	0.832	ug/l	#	47
36) 1,1-Dichloropropene	5.672	75	4373	0.988	ug/l	#	69
37) Ethyl Acetate	4.702	43	3873	0.818	ug/l	#	91
38) Carbon Tetrachloride	5.659	117	4349	0.905	ug/l		95
39) Methylcyclohexane	7.360	83	4428	0.882	ug/l		94
40) Benzene	6.025	78	12012	0.894	ug/l		98
41) Methacrylonitrile	4.903	41	2128	0.870	ug/l	#	63
42) 1,2-Dichloroethane	6.062	62	4634	0.906	ug/l		80
43) Isopropyl Acetate	6.318	43	6784	0.873	ug/l		94
44) Trichloroethene	7.110	130	2677	0.824	ug/l		78
45) 1,2-Dichloropropane	7.415	63	2945	0.856	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.574	93	2240	0.895	ug/l		94
47) Bromodichloromethane	7.805	83	4167	0.806	ug/l	#	92
48) Methyl methacrylate	7.683	41	3355	0.867	ug/l	#	87
49) 1,4-Dioxane	7.653	88	488m	12.477	ug/l		
51) 4-Methyl-2-Pentanone	8.555	43	17596	4.085	ug/l		95
52) Toluene	8.708	92	7595	0.917	ug/l		92
53) t-1,3-Dichloropropene	8.964	75	4398	0.834	ug/l	#	82
54) cis-1,3-Dichloropropene	8.354	75	4635	0.823	ug/l	#	76
55) 1,1,2-Trichloroethane	9.134	97	2918	0.914	ug/l		95
56) Ethyl methacrylate	9.104	69	3679	0.734	ug/l	#	84
57) 1,3-Dichloropropane	9.293	76	4580	0.835	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	4222	9.665	ug/l		99
59) 2-Hexanone	9.415	43	12385	4.003	ug/l		98
60) Dibromochloromethane	9.506	129	2903	0.789	ug/l		87
61) 1,2-Dibromoethane	9.592	107	2596	0.798	ug/l		96
64) Tetrachloroethene	9.256	164	2457	0.917	ug/l		83
65) Chlorobenzene	10.061	112	8202	0.879	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.140	131	2684	0.833	ug/l	#	66
67) Ethyl Benzene	10.177	91	13360	0.829	ug/l		98
68) m/p-Xylenes	10.287	106	9922	1.655	ug/l		99
69) o-Xylene	10.622	106	4734	0.816	ug/l		94
70) Styrene	10.640	104	8377	0.824	ug/l		96
71) Bromoform	10.787	173	1816	0.755	ug/l	#	94
73) Isopropylbenzene	10.945	105	12618	0.822	ug/l		96
74) N-amyl acetate	10.829	43	5159	0.737	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.195	83	3900	0.839	ug/l		96
76) 1,2,3-Trichloropropane	11.225	75	3421m	0.816	ug/l		
77) Bromobenzene	11.183	156	3069	0.811	ug/l		98
78) n-propylbenzene	11.286	91	14866	0.819	ug/l		99
79) 2-Chlorotoluene	11.347	91	9195	0.827	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	9929	0.787	ug/l		99
82) 4-Chlorotoluene	11.439	91	11123	0.847	ug/l		95
83) tert-Butylbenzene	11.695	119	11311	0.876	ug/l		97
84) 1,2,4-Trimethylbenzene	11.731	105	10187	0.796	ug/l		100
85) sec-Butylbenzene	11.872	105	12561	0.819	ug/l		99
86) p-Isopropyltoluene	11.994	119	10744	0.827	ug/l		92
87) 1,3-Dichlorobenzene	11.951	146	5907	0.841	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	6341m	0.880	ug/l		
89) n-Butylbenzene	12.317	91	9811	0.816	ug/l		97
90) Hexachloroethane	12.524	117	1752	0.768	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	5491	0.820	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.926	75	698	0.742	ug/l		93
93) 1,2,4-Trichlorobenzene	13.567	180	3358	0.772	ug/l		95
94) Hexachlorobutadiene	13.707	225	1378	0.933	ug/l		93
95) Naphthalene	13.756	128	10112	0.763	ug/l		98
96) 1,2,3-Trichlorobenzene	13.944	180	3043	0.752	ug/l		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

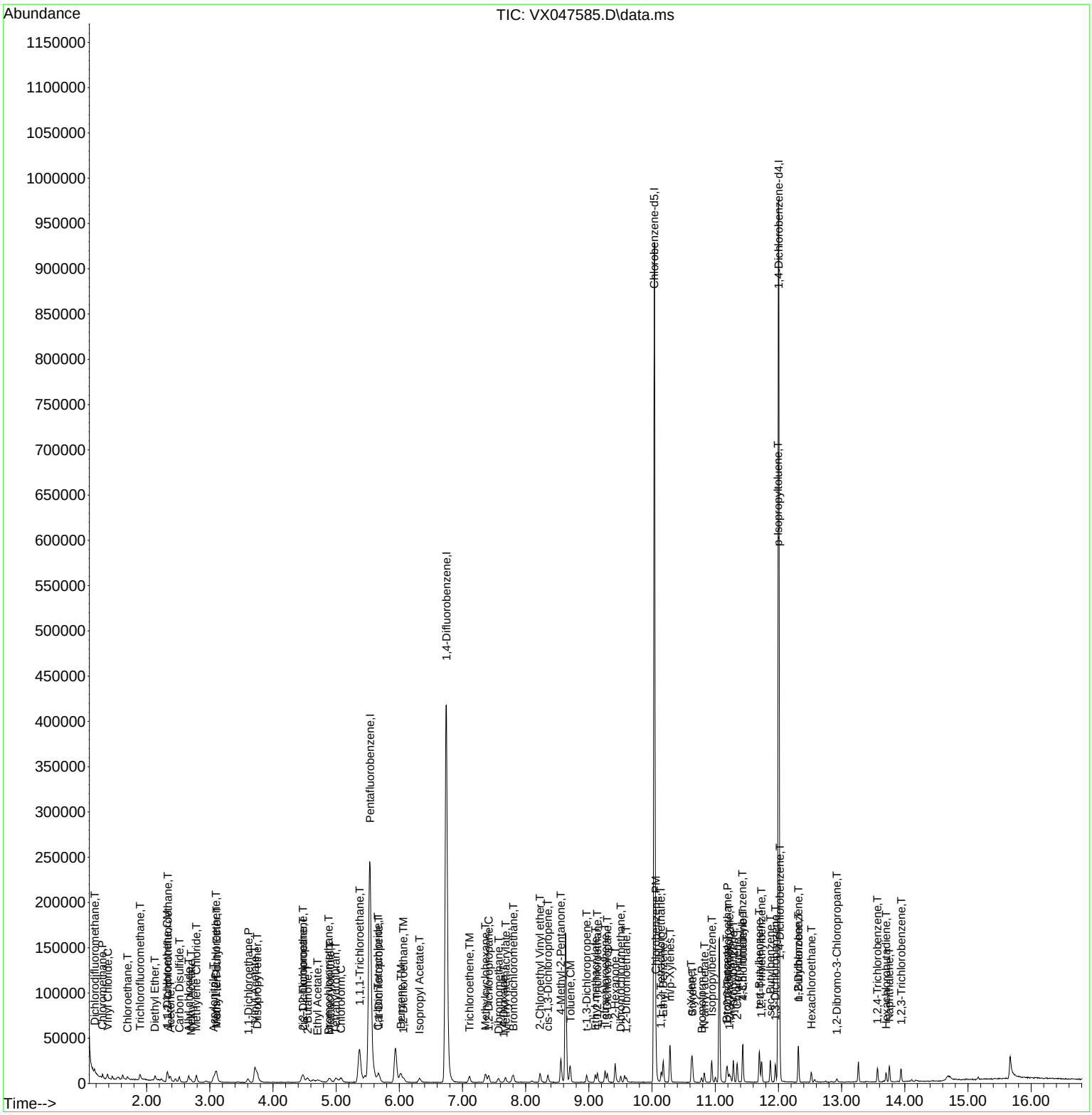
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

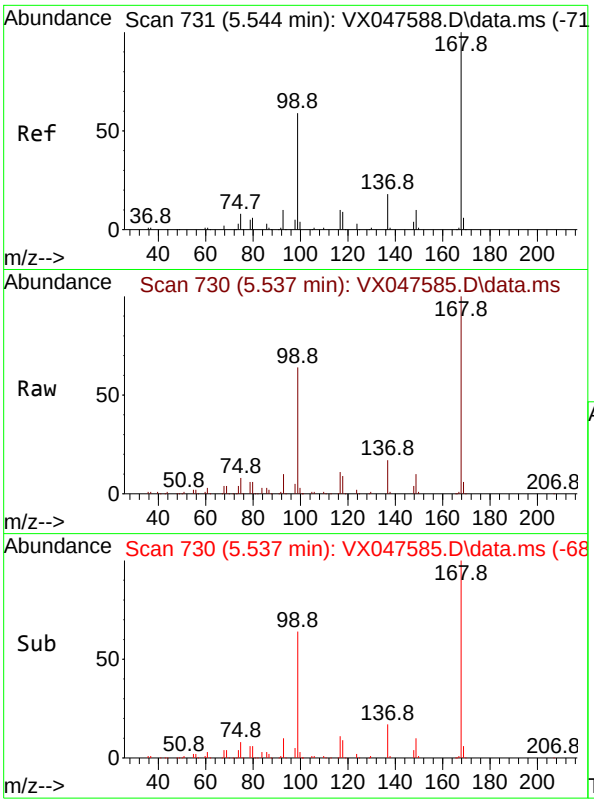
Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

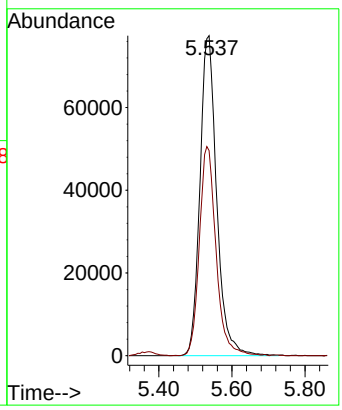




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:168 Resp: 24634

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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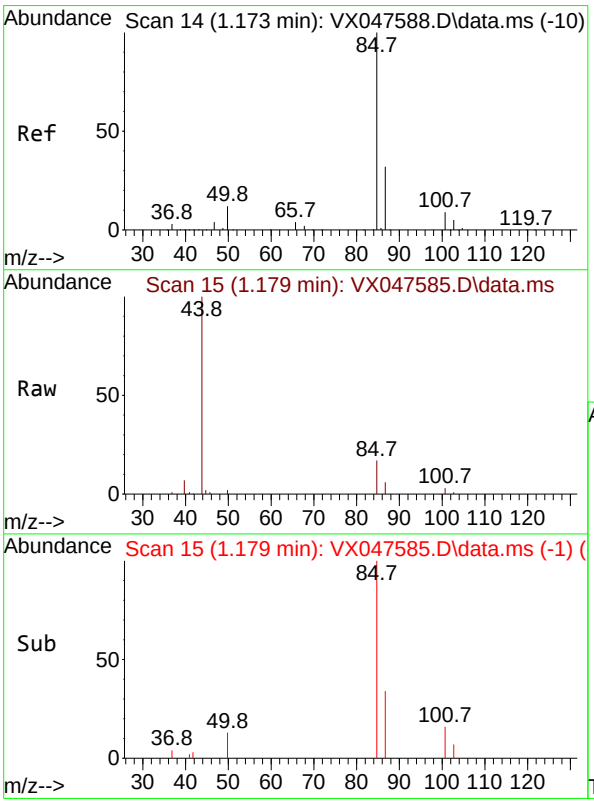
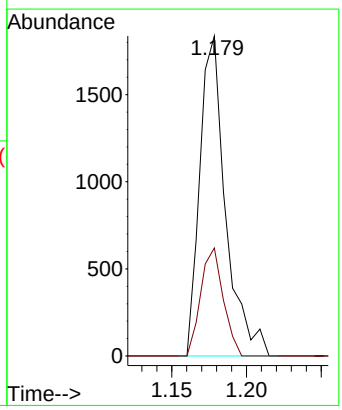
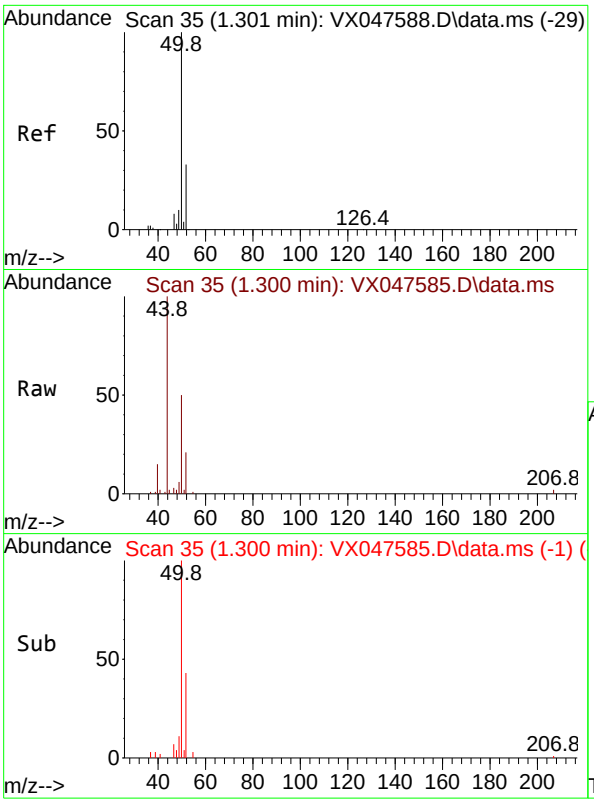


#2
Dichlorodifluoromethane
Concen: 0.863 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 85 Resp: 2201

Ion	Ratio	Lower	Upper
85	100		
87	33.8	15.8	47.3

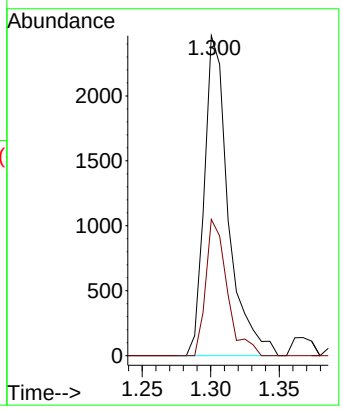




#3
Chloromethane
Concen: 0.897 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 50 Resp: 300

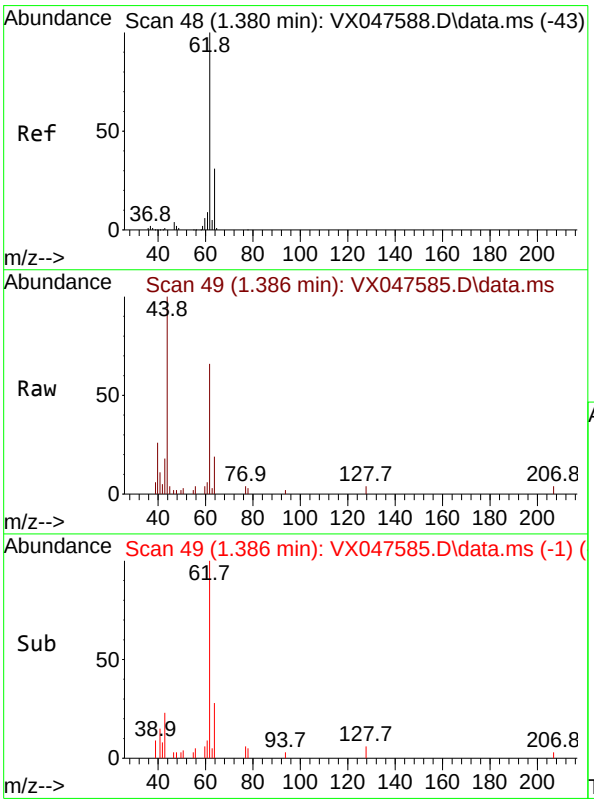
Ion	Ratio	Lower	Upper
50	100		
52	42.6	26.1	39.1#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

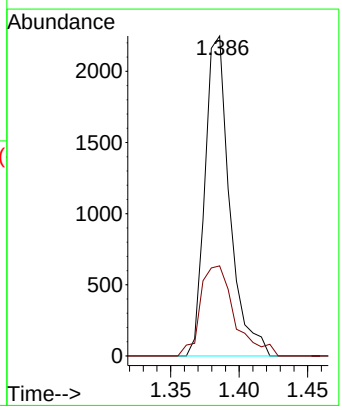
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

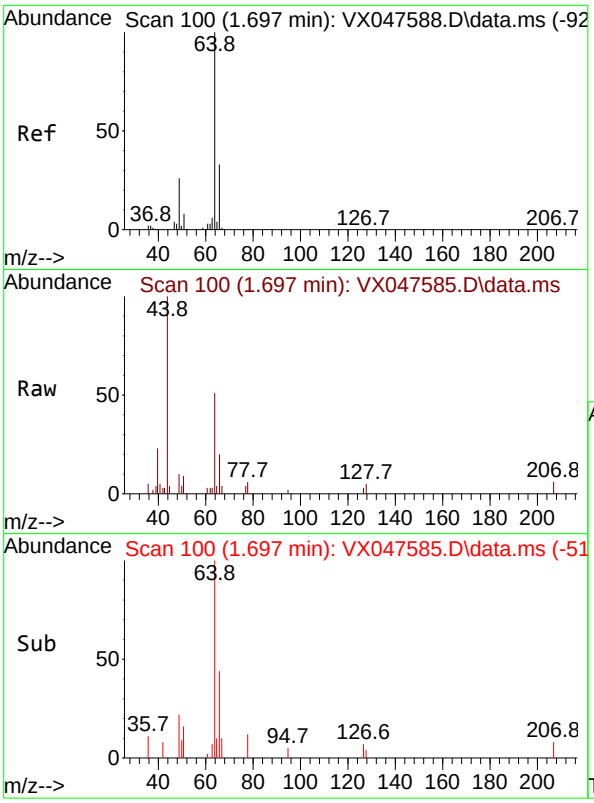


#4
Vinyl Chloride
Concen: 0.859 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 2818

Ion	Ratio	Lower	Upper
62	100		
64	28.2	24.9	37.3

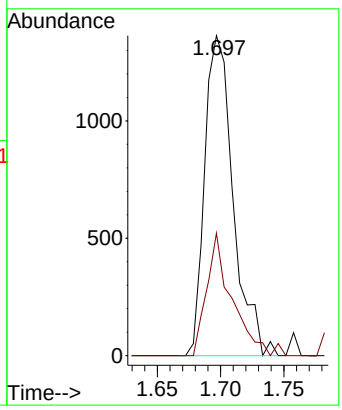




#6
Chloroethane
Concen: 0.973 ug/l
RT: 1.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 64 Resp: 213

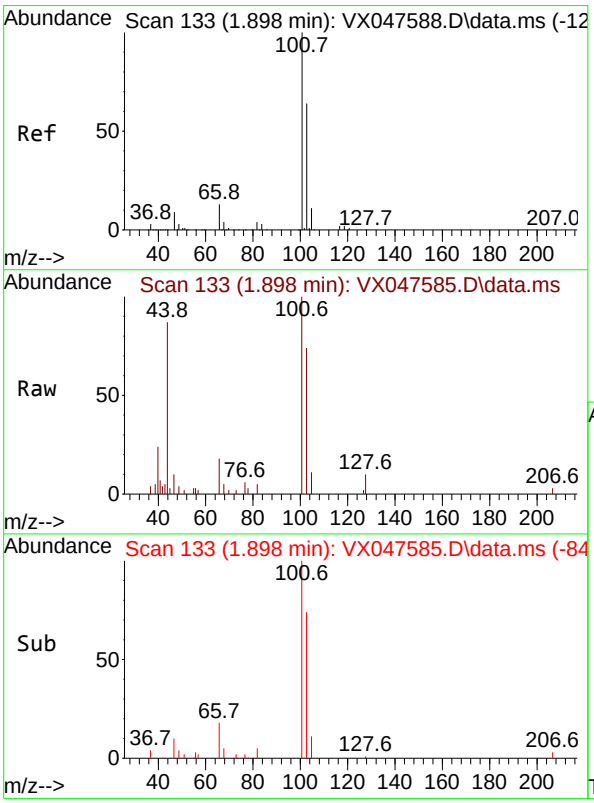
Ion	Ratio	Lower	Upper
64	100		
66	35.4	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

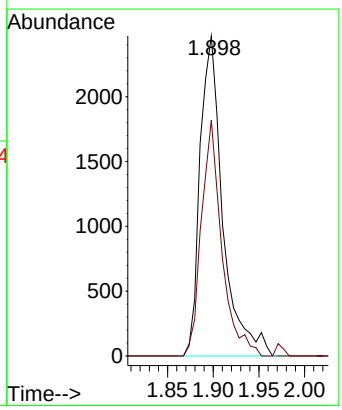
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

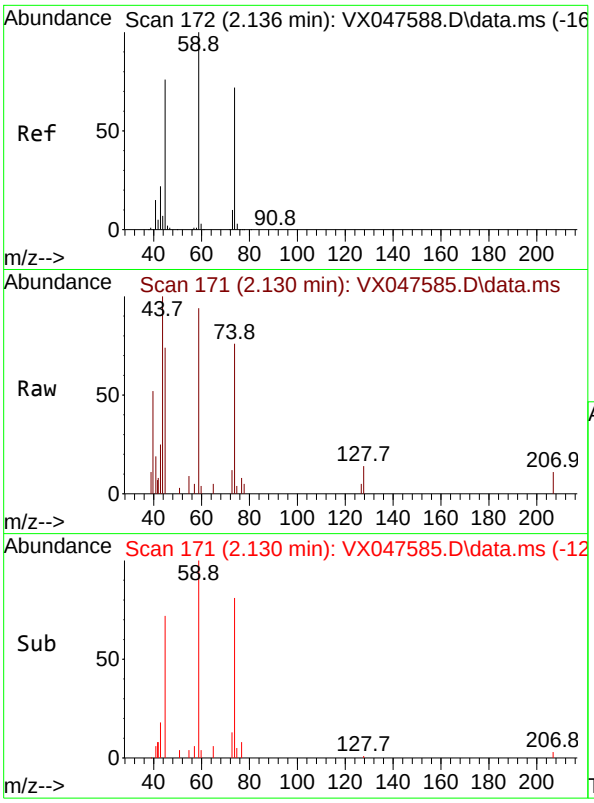


#7
Trichlorofluoromethane
Concen: 0.874 ug/l
RT: 1.898 min Scan# 133
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:101 Resp: 4261

Ion	Ratio	Lower	Upper
101	100		
103	73.7	51.4	77.2





#8
Diethyl Ether
Concen: 0.919 ug/l
RT: 2.130 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

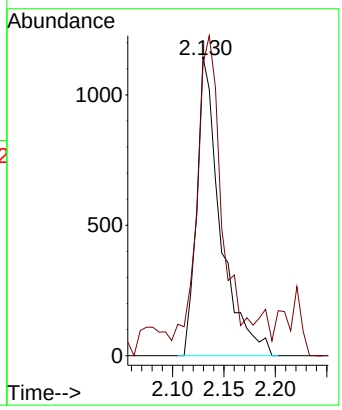
Tgt Ion: 74 Resp: 183

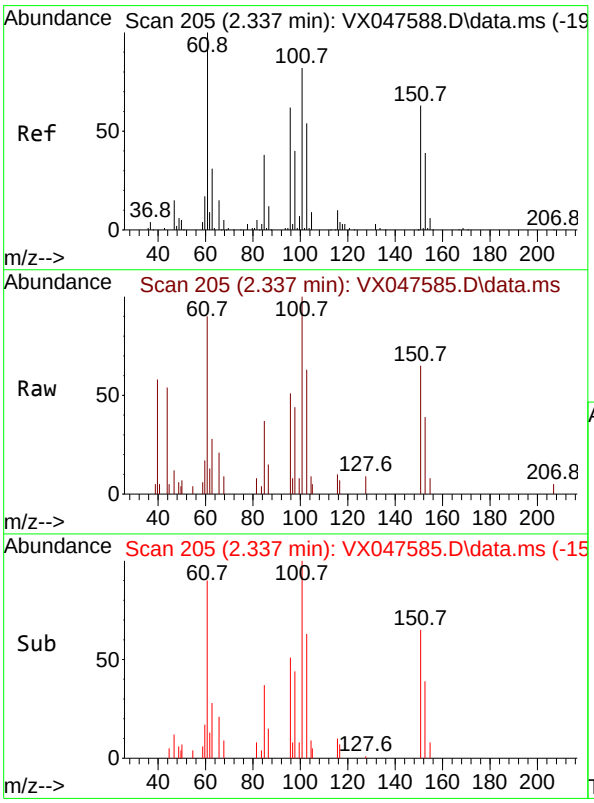
Ion	Ratio	Lower	Upper
74	100		
45	102.2	52.3	156.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

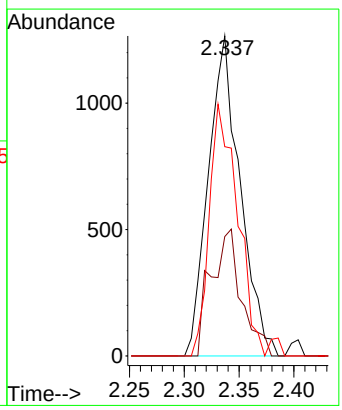


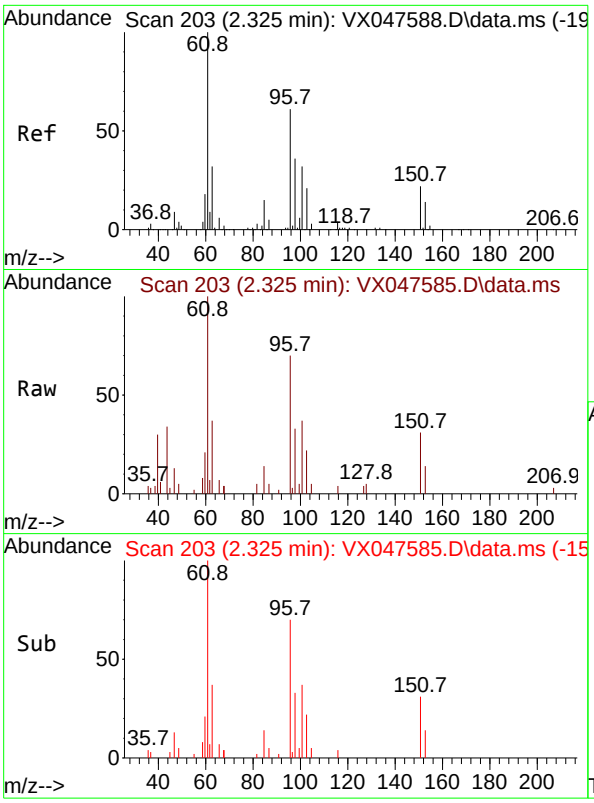


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.897 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:101 Resp: 2555

Ion	Ratio	Lower	Upper
101	100		
85	37.8	35.5	53.3
151	69.9	59.4	89.0

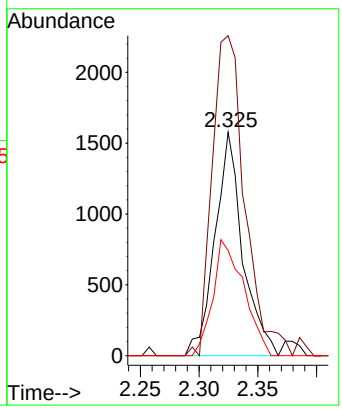




#12
1,1-Dichloroethene
Concen: 0.886 ug/l
RT: 2.325 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 259

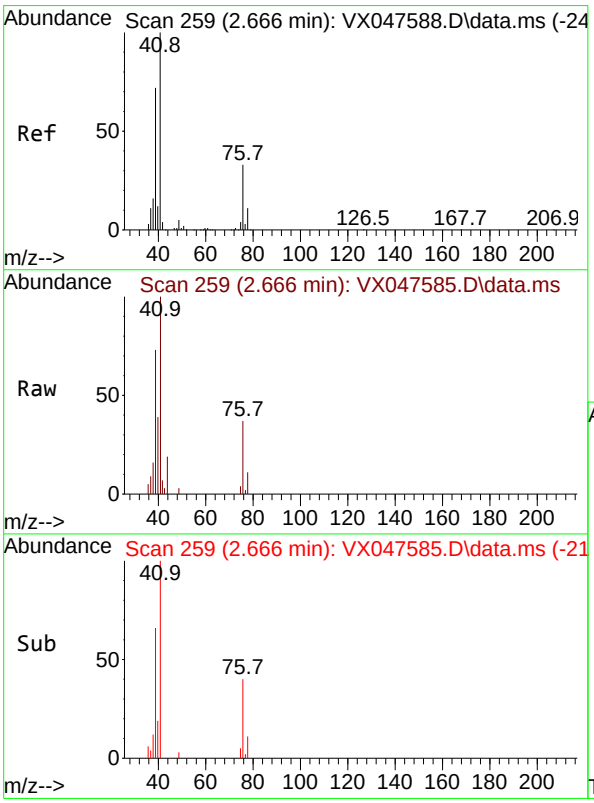
Ion	Ratio	Lower	Upper
96	100		
61	137.3	131.0	196.6
98	45.2	47.7	71.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

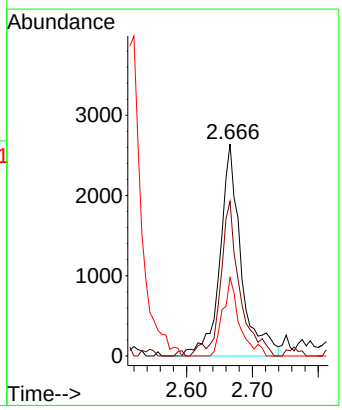
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

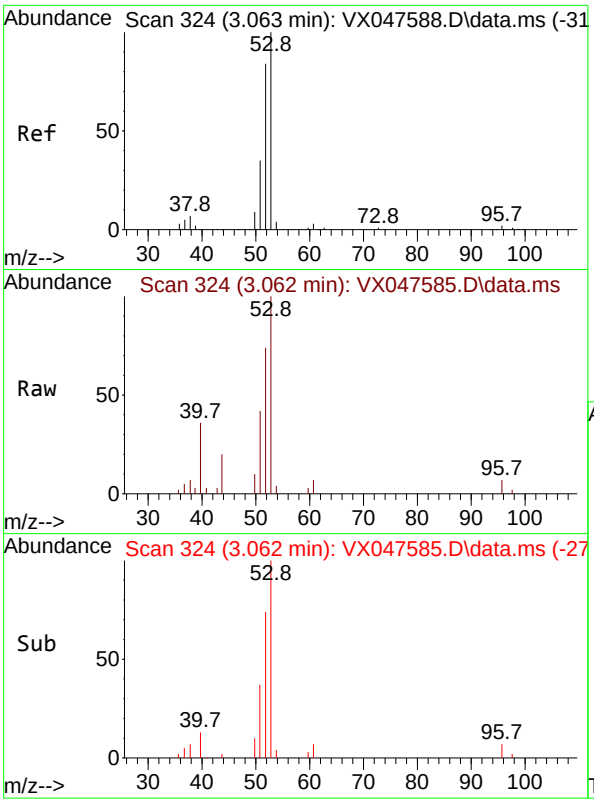


#14
Allyl chloride
Concen: 0.974 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 5885

Ion	Ratio	Lower	Upper
41	100		
39	63.3	54.7	82.1
76	29.3	25.7	38.5

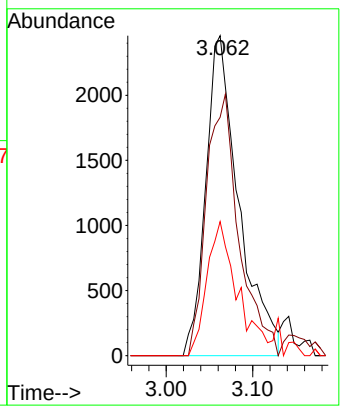




#15
Acrylonitrile
Concen: 4.018 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 53 Resp: 650

Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.4	99.6
51	38.7	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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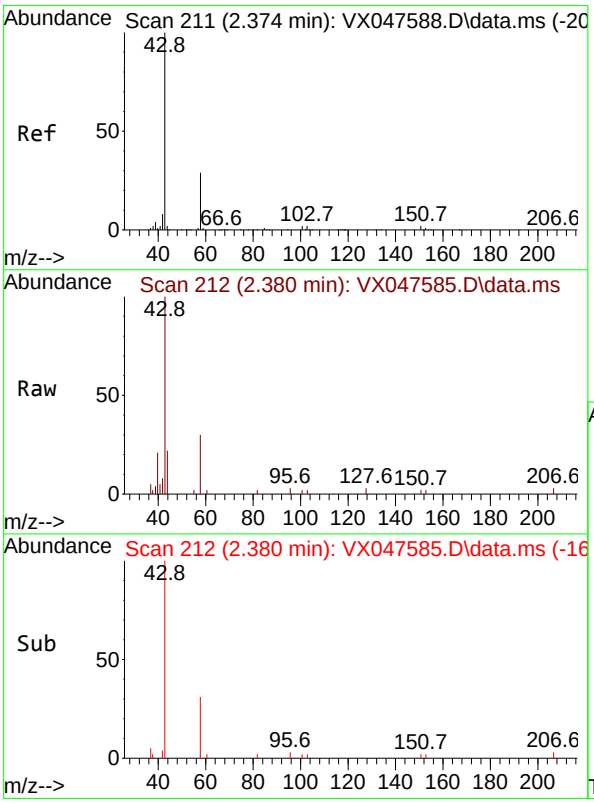
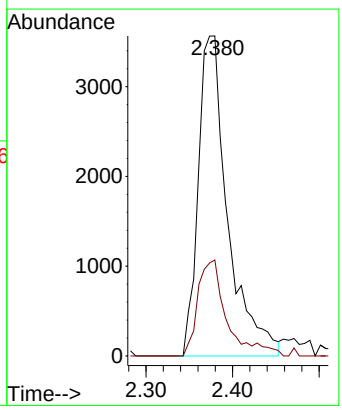
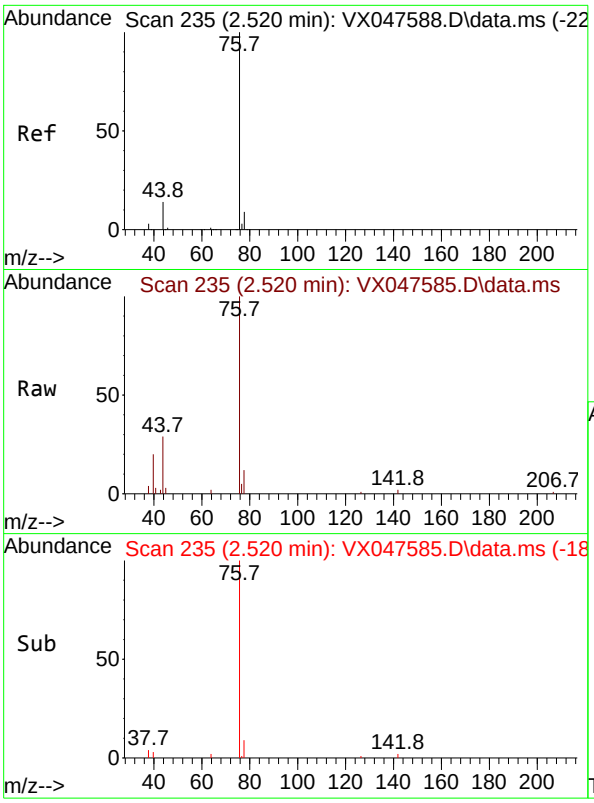


#16
Acetone
Concen: 4.953 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 8444

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0





#17
Carbon Disulfide
Concen: 0.956 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 76 Resp: 766

Ion	Ratio	Lower	Upper
76	100		
78	11.6	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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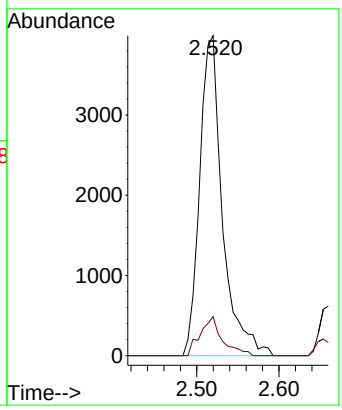
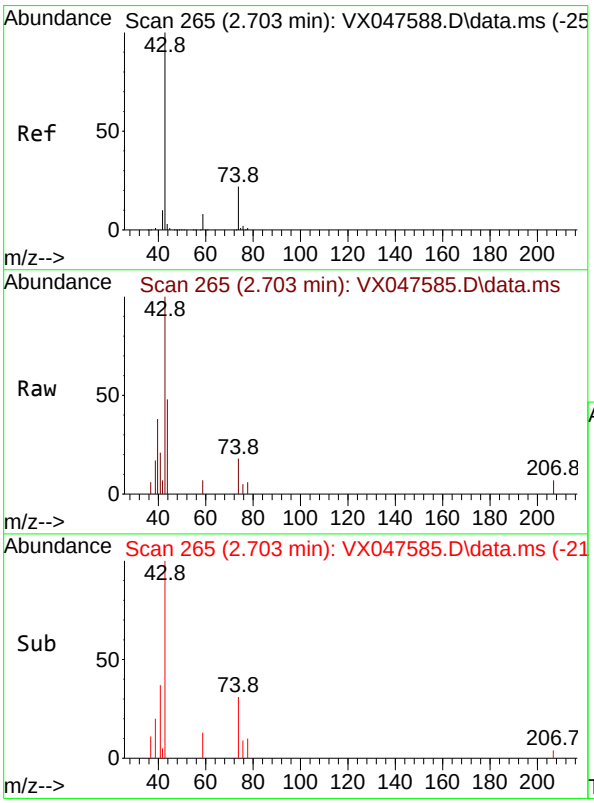
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

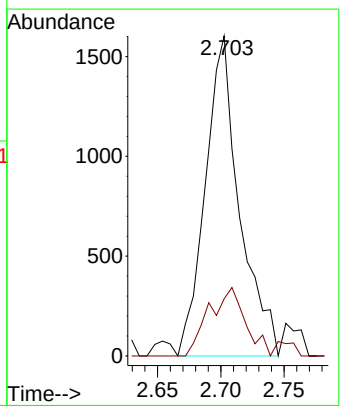


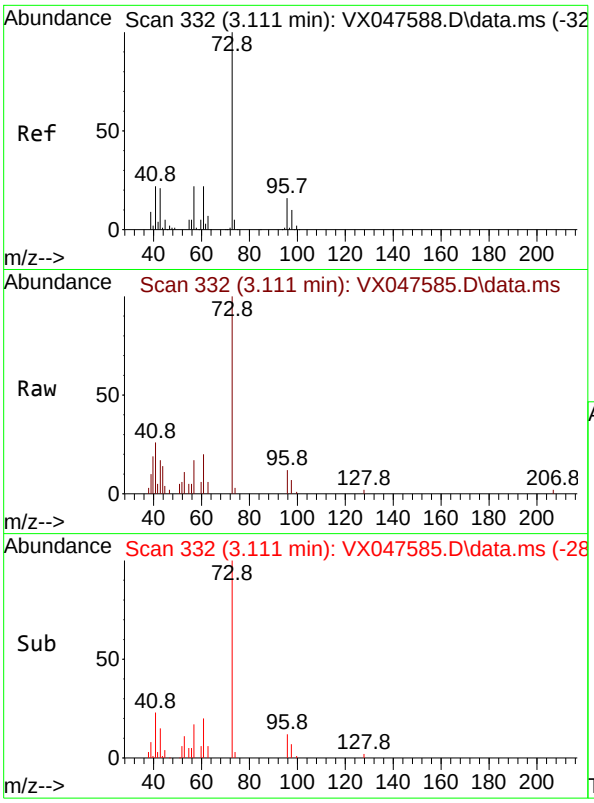


#18
Methyl Acetate
Concen: 0.794 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3013

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 0.869 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 73 Resp: 928

Ion	Ratio	Lower	Upper
73	100		
57	16.7	17.4	26.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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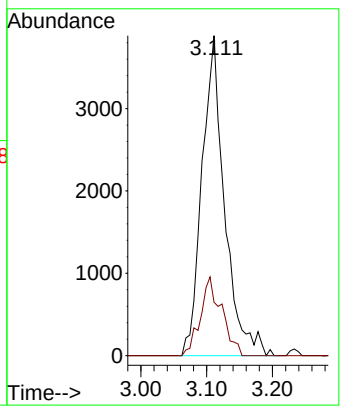
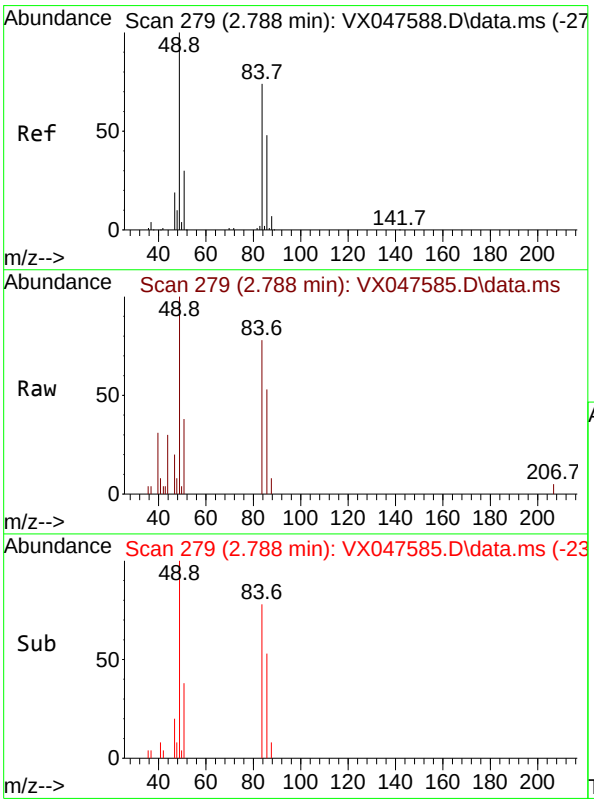
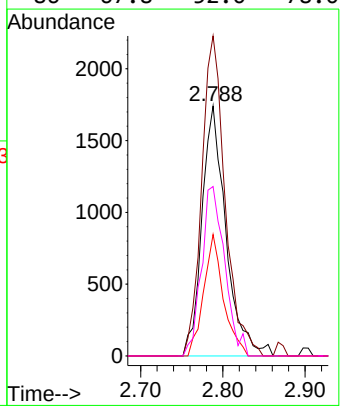


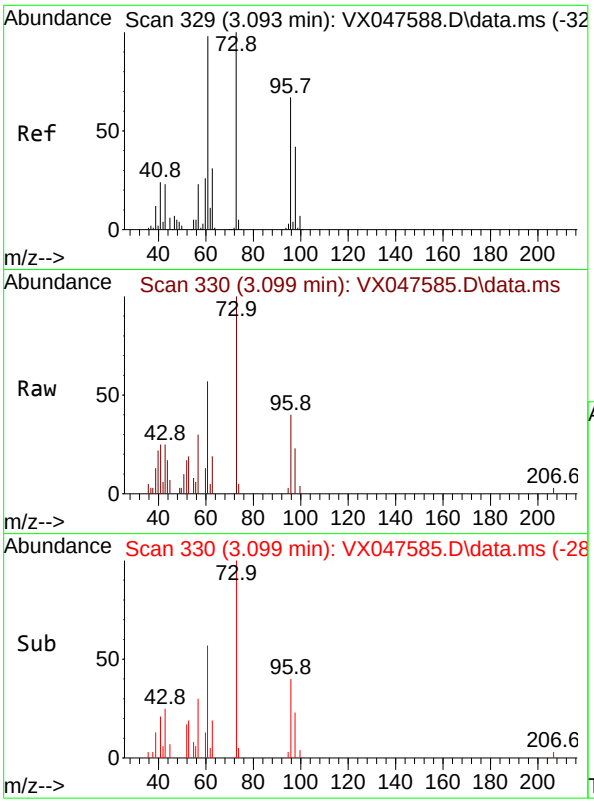


#20
Methylene Chloride
Concen: 0.981 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 84 Resp: 3540

Ion	Ratio	Lower	Upper
84	100		
49	128.0	108.6	162.8
51	48.6	32.6	48.8
86	67.8	52.0	78.0

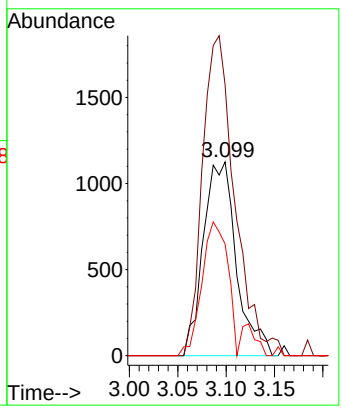




#21
trans-1,2-Dichloroethene
Concen: 0.849 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 267

Ion	Ratio	Lower	Upper
96	100		
61	139.9	116.2	174.2
98	57.6	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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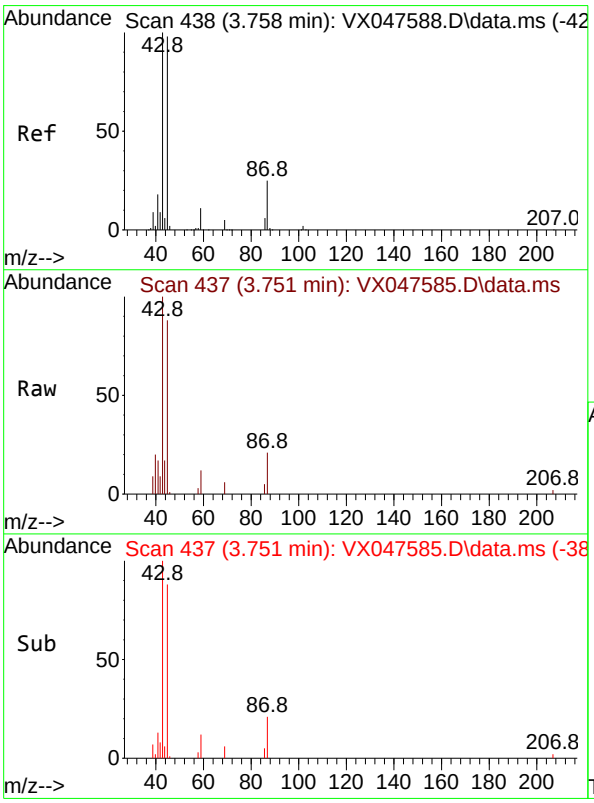
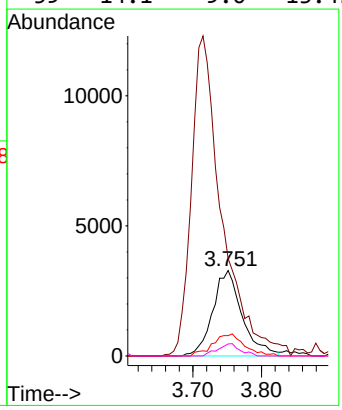
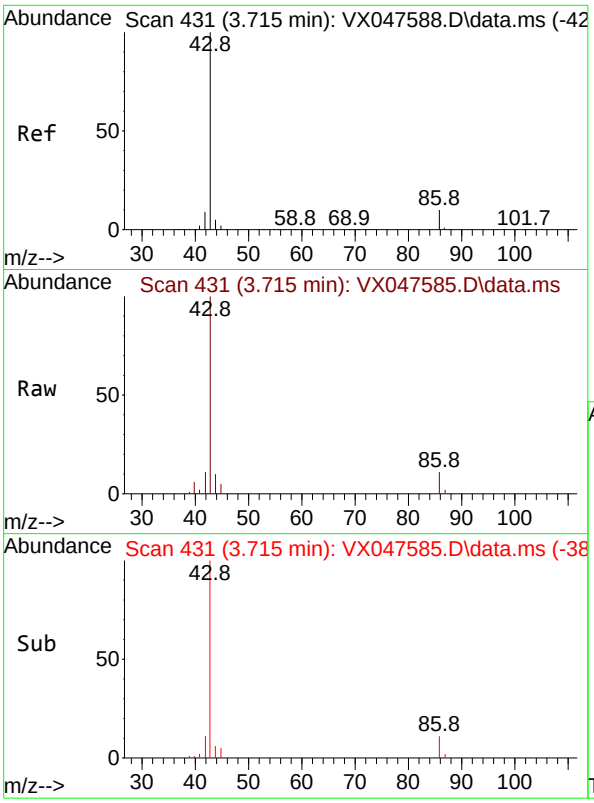


#22
Diisopropyl ether
Concen: 0.832 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 45 Resp: 9738

Ion	Ratio	Lower	Upper
45	100		
43	117.9	81.0	121.4
87	23.7	20.3	30.5
59	14.1	9.0	13.4#





#23
Vinyl Acetate
Concen: 4.052 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3796

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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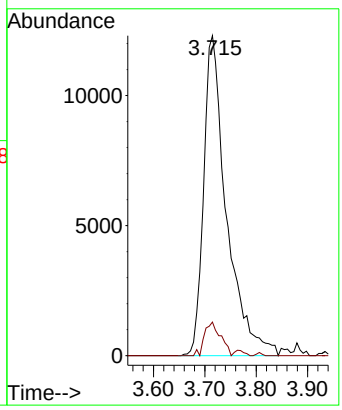
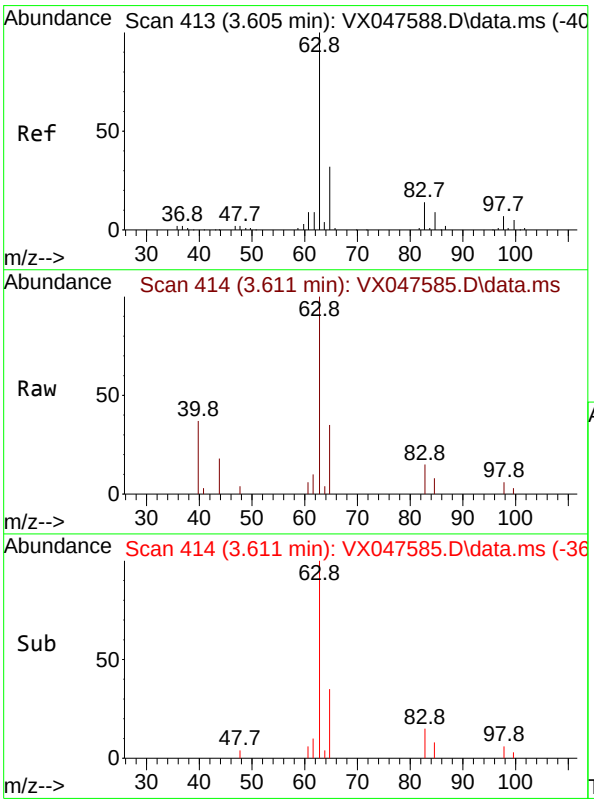
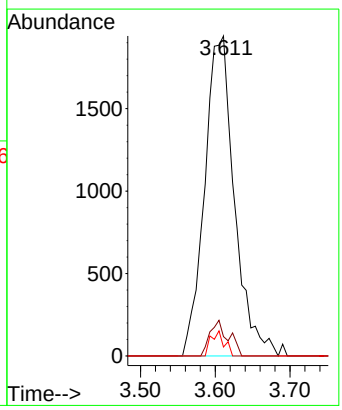


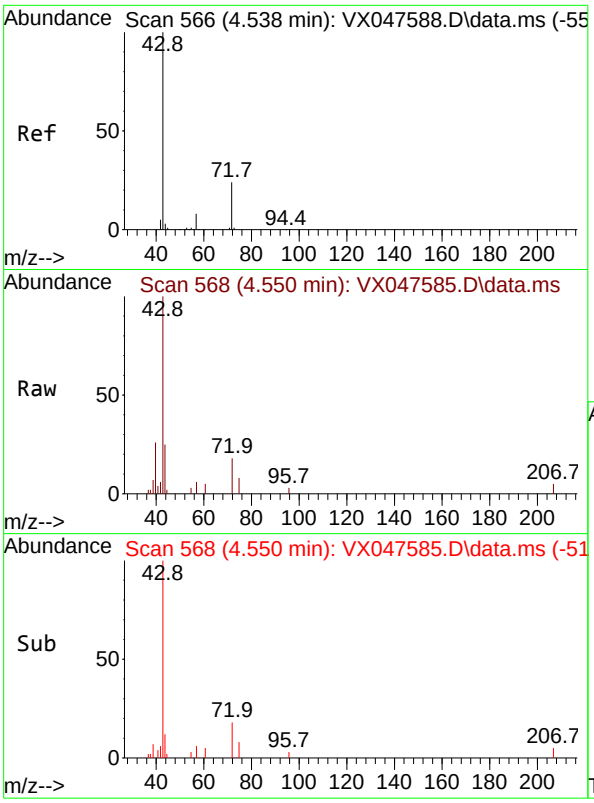


#24
1,1-Dichloroethane
Concen: 0.863 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 5372

Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.8	11.2
100	2.8	2.3	6.9





#25
2-Butanone
Concen: 4.281 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 910

Ion	Ratio	Lower	Upper
43	100		
72	16.3	20.1	30.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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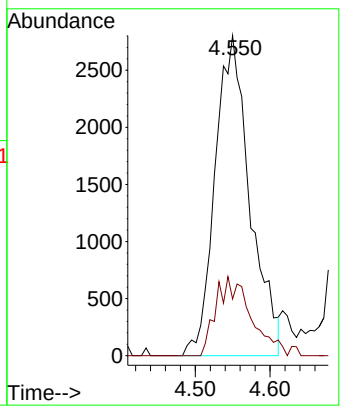
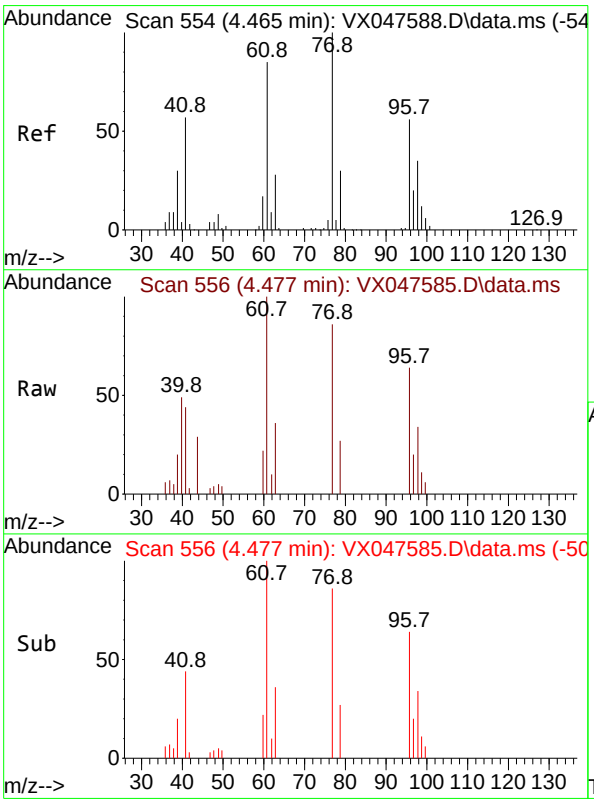
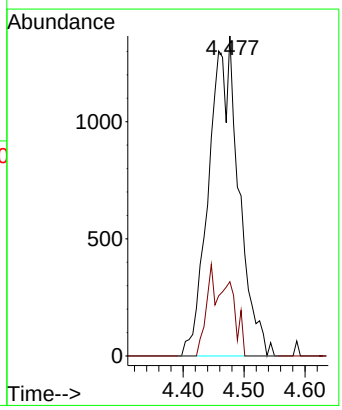


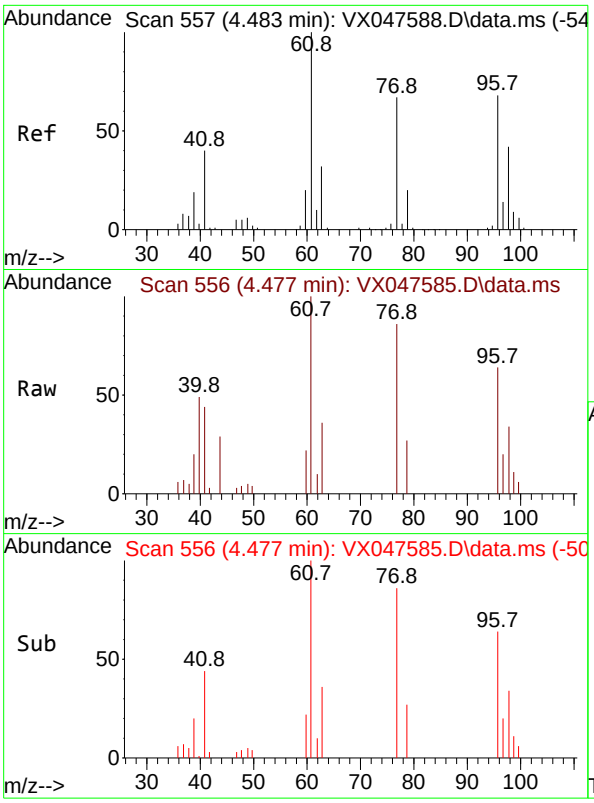


#26
2,2-Dichloropropane
Concen: 0.901 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 77 Resp: 4657

Ion	Ratio	Lower	Upper
77	100		
97	11.0	10.9	32.7

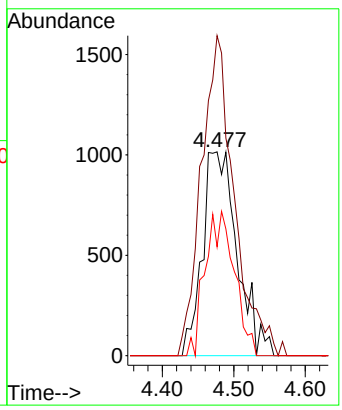




#27
cis-1,2-Dichloroethene
Concen: 0.891 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 344

Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	303.2
98	59.4	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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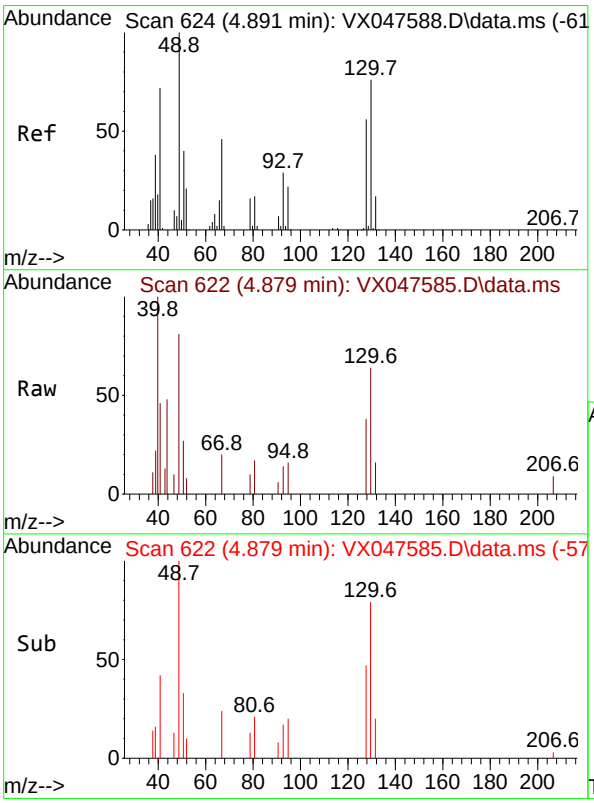
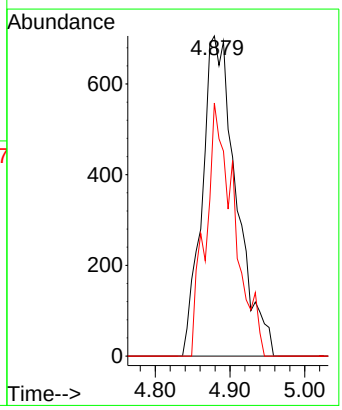
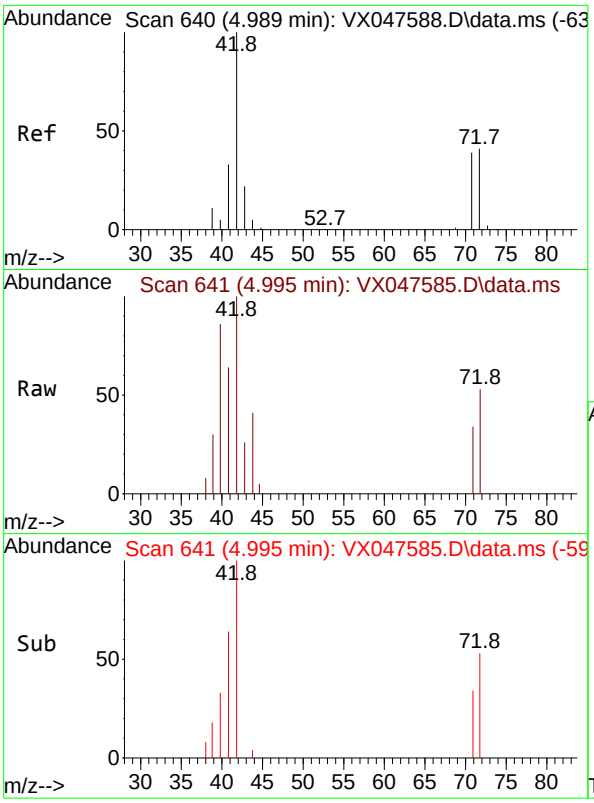


#28
Bromochloromethane
Concen: 0.829 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 49 Resp: 2251

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	66.2	57.8	86.8

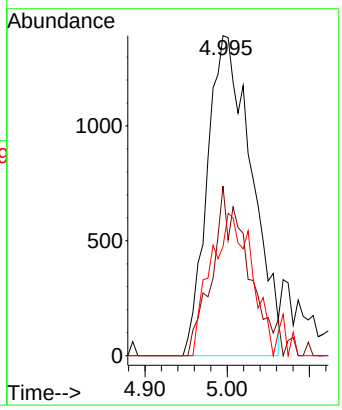




#29
Tetrahydrofuran
Concen: 4.072 ug/l
RT: 4.995 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 42 Resp: 521

Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.2	51.2
71	41.3	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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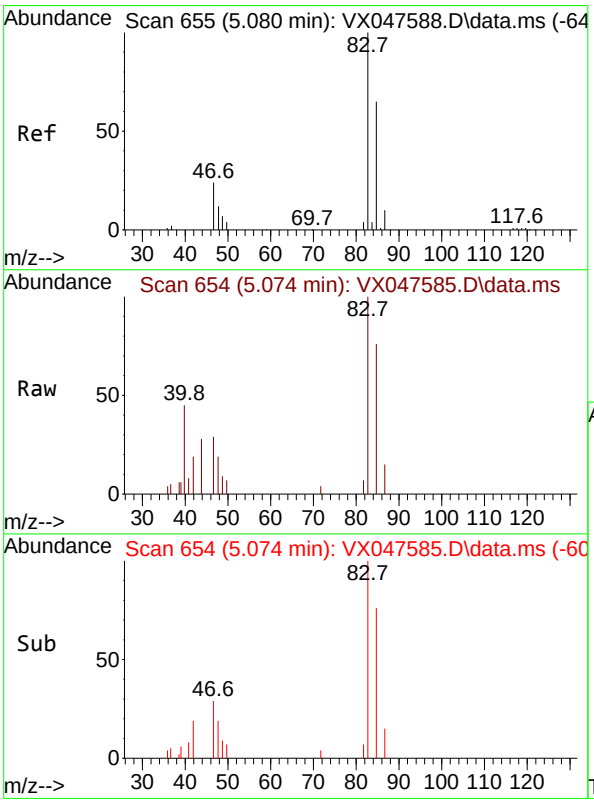
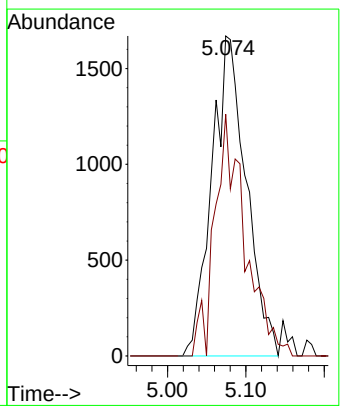
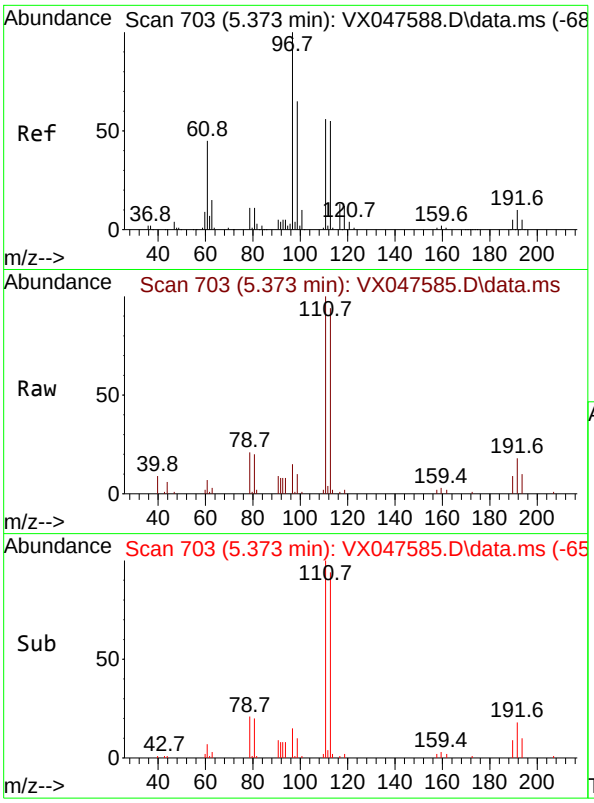


#30
Chloroform
Concen: 0.810 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 5093

Ion	Ratio	Lower	Upper
83	100		
85	75.6	51.8	77.6

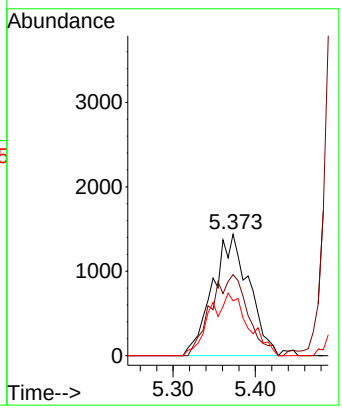




#32
1,1,1-Trichloroethane
Concen: 0.832 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 97 Resp: 443

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0
61	36.2	35.8	53.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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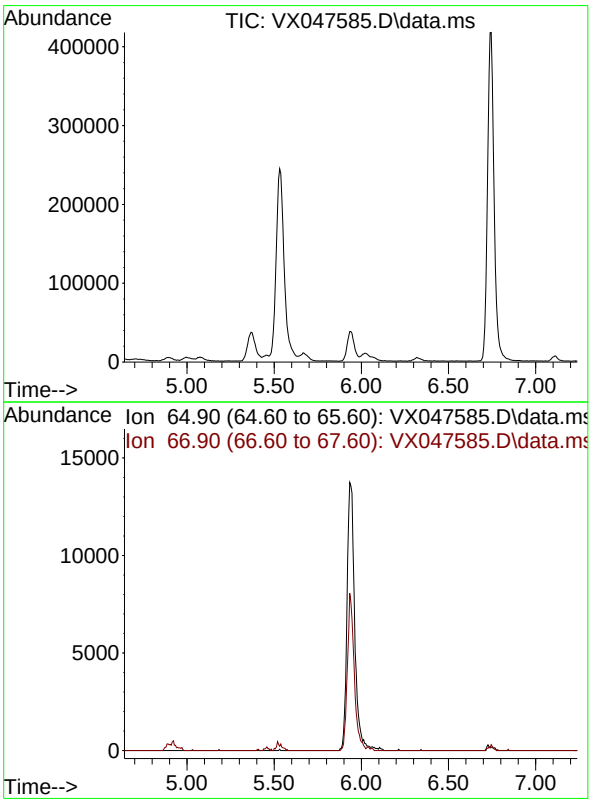
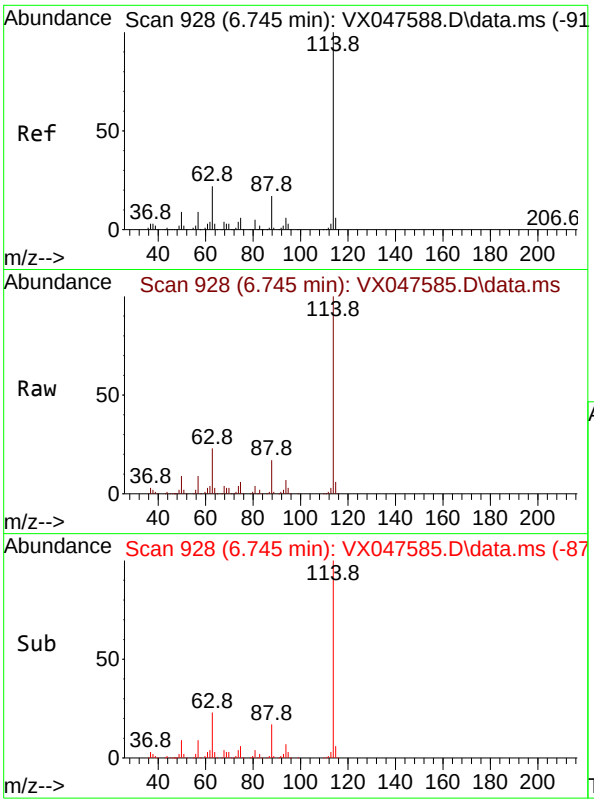


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.94 min

Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	51.5



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:114 Resp: 45150

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	16.6	0.0	34.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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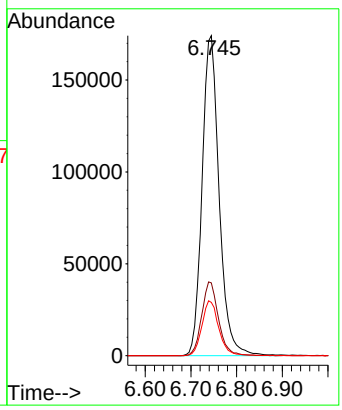
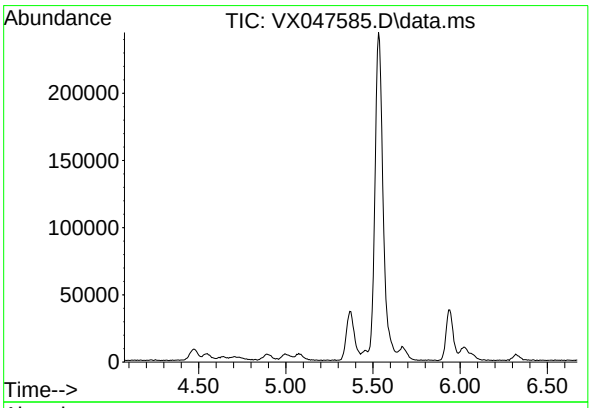


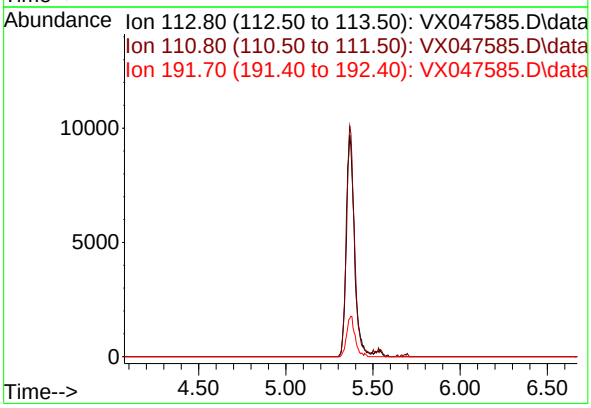


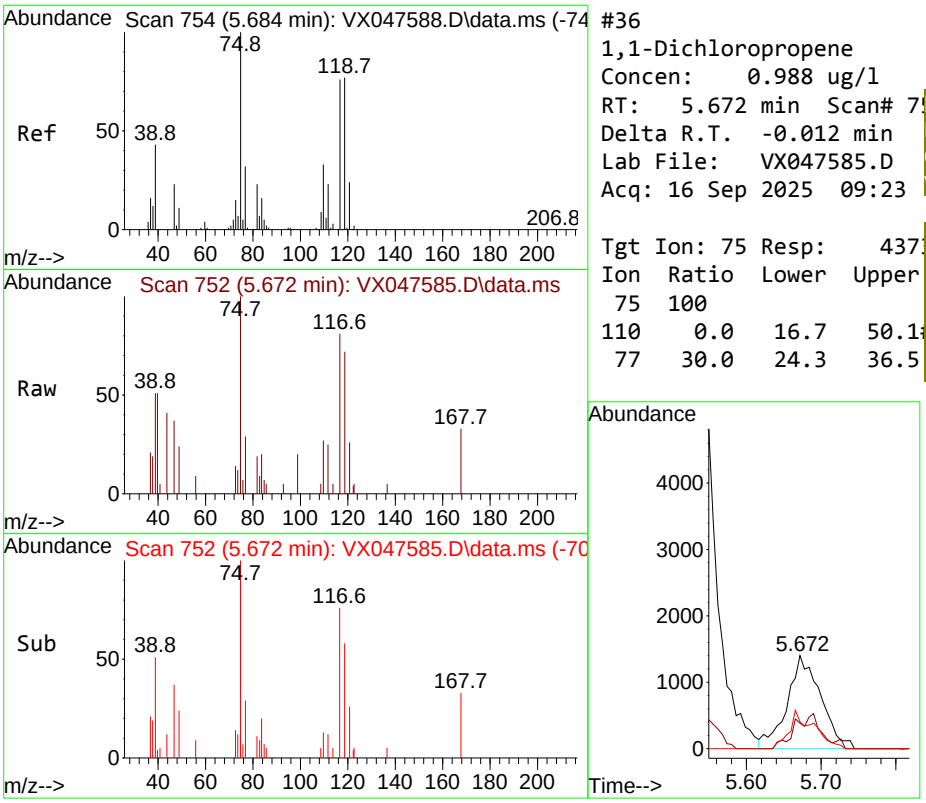
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.37 min

Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	101.1
192	17.8





#36
1,1-Dichloropropene
Concen: 0.988 ug/l
RT: 5.672 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 437

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.7	50.1#
77	30.0	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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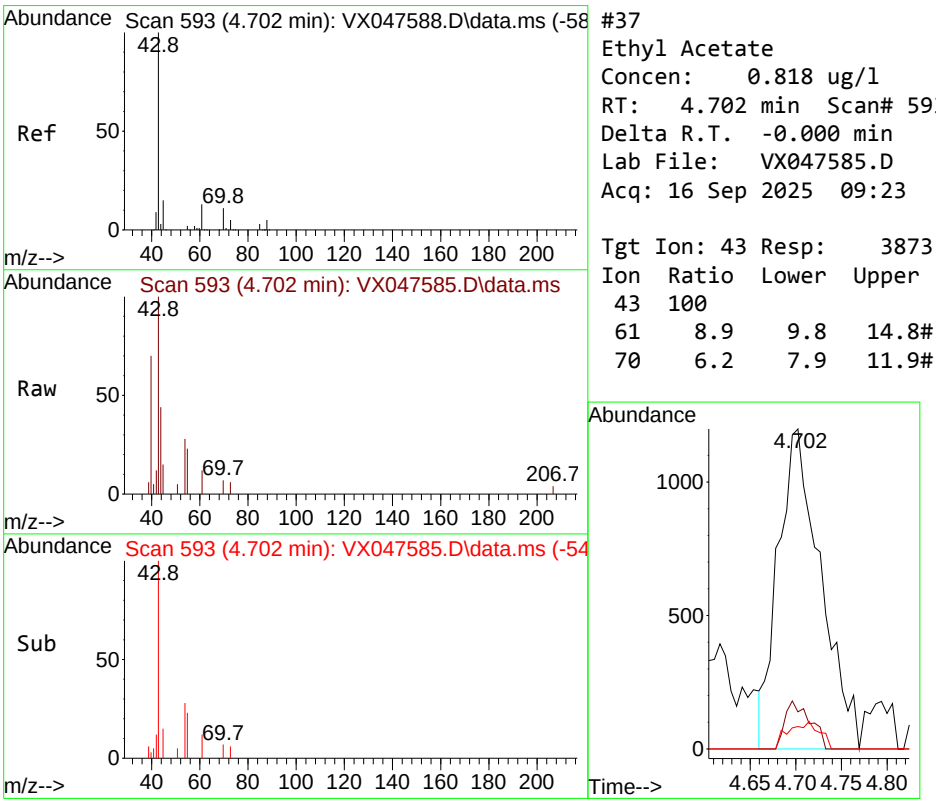
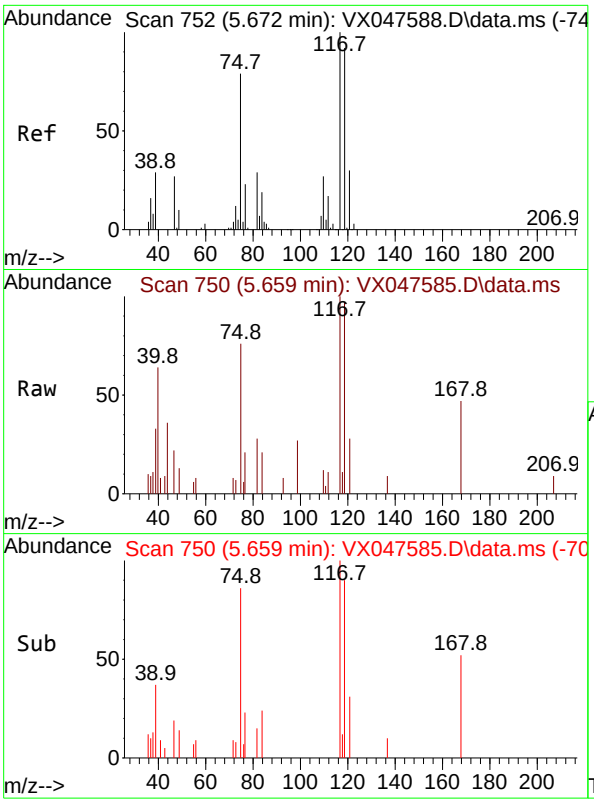


#37
Ethyl Acetate
Concen: 0.818 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3873

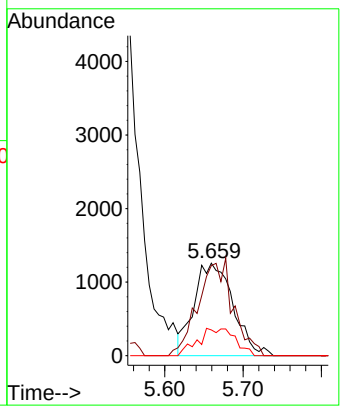
Ion	Ratio	Lower	Upper
43	100		
61	8.9	9.8	14.8#
70	6.2	7.9	11.9#



#38
Carbon Tetrachloride
Concen: 0.905 ug/l
RT: 5.659 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 434

Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.4	110.2
121	27.8	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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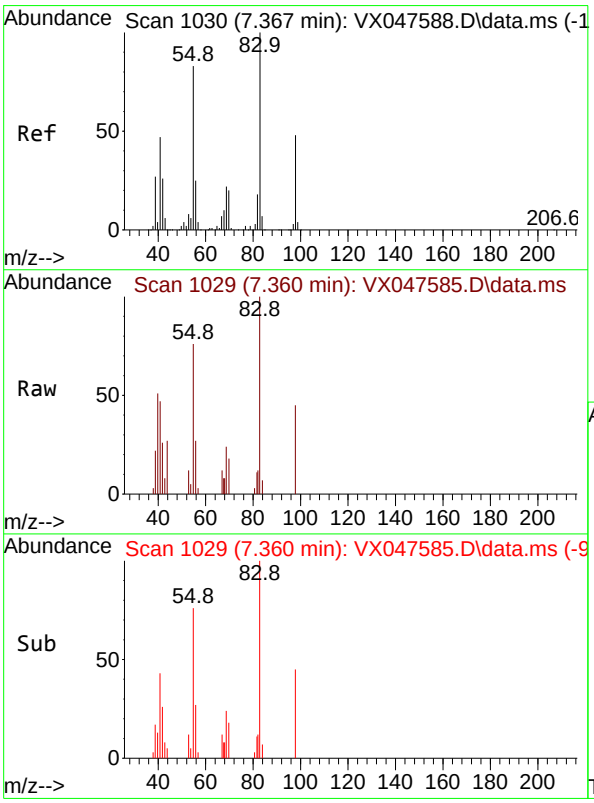
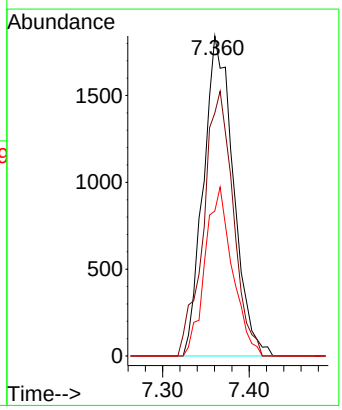
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

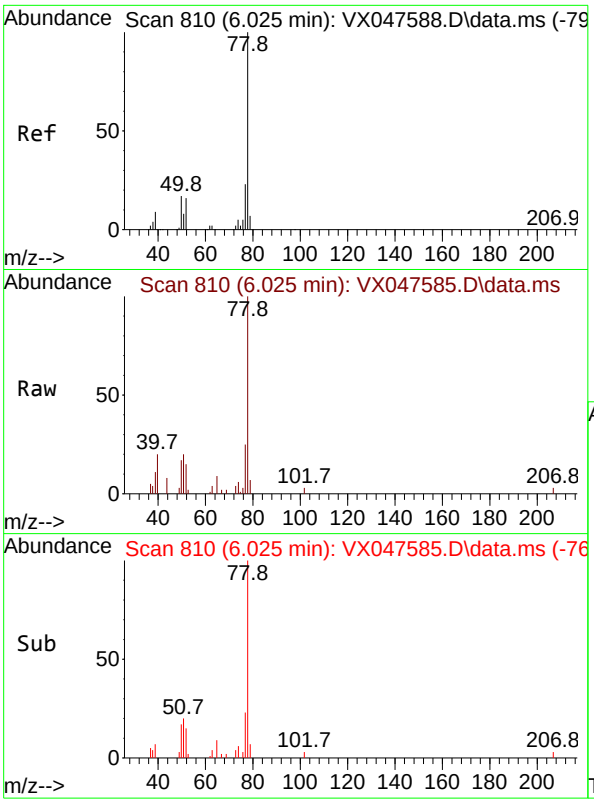


#39
Methylcyclohexane
Concen: 0.882 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 4428

Ion	Ratio	Lower	Upper
83	100		
55	76.0	66.4	99.6
98	45.3	38.1	57.1





#40
Benzene
Concen: 0.894 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 78 Resp: 1201

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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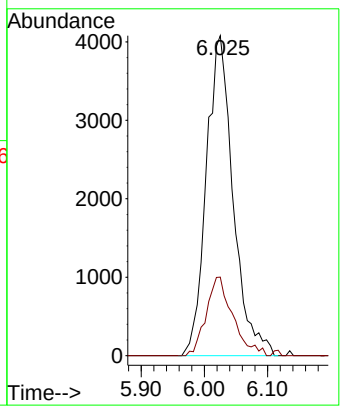
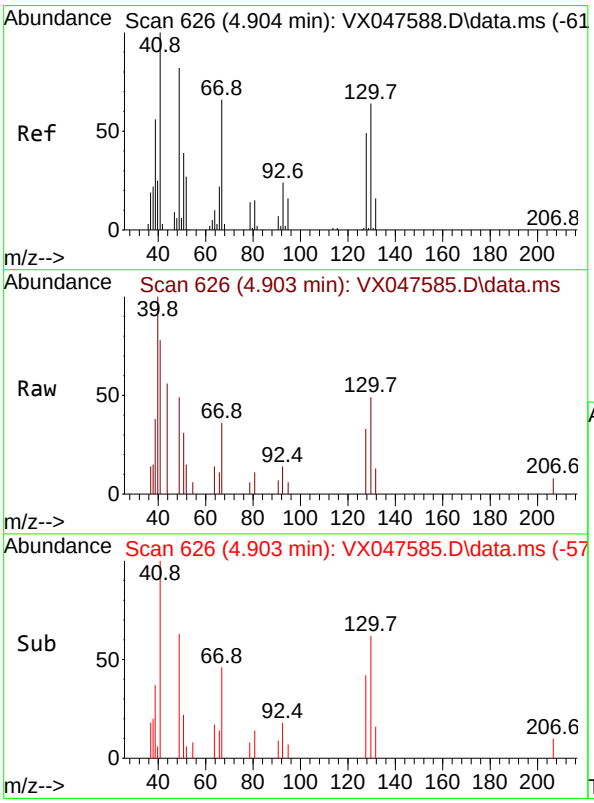
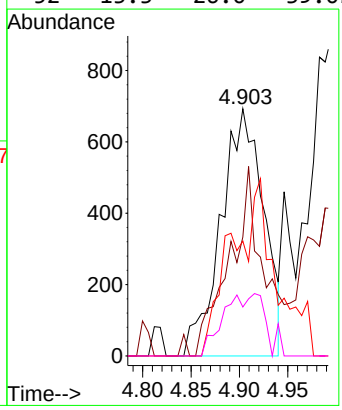


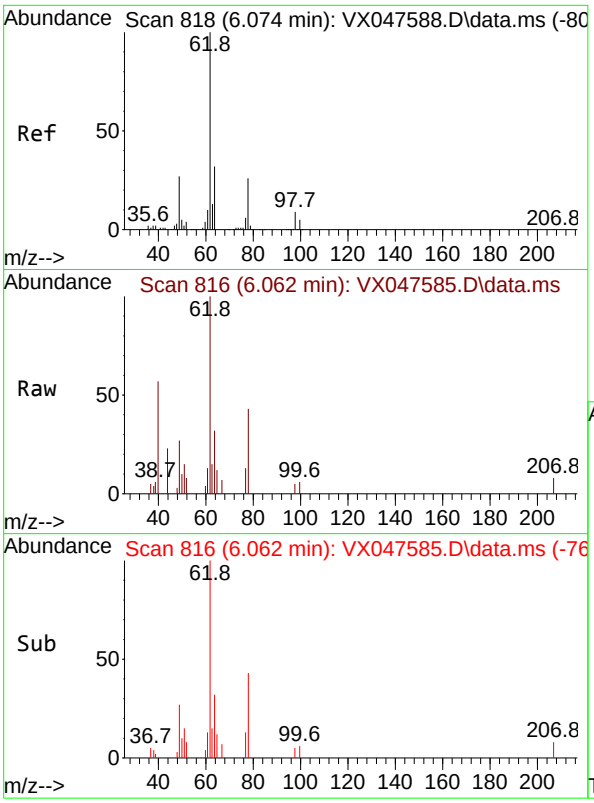


#41
Methacrylonitrile
Concen: 0.870 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 2128

Ion	Ratio	Lower	Upper
41	100		
39	60.3	43.3	64.9
67	23.5	58.6	87.8#
52	13.3	26.0	39.0#

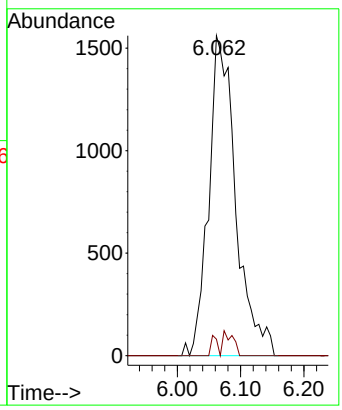




#42
1,2-Dichloroethane
Concen: 0.906 ug/l
RT: 6.062 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 463

Ion	Ratio	Lower	Upper
62	100		
98	1.4	0.0	17.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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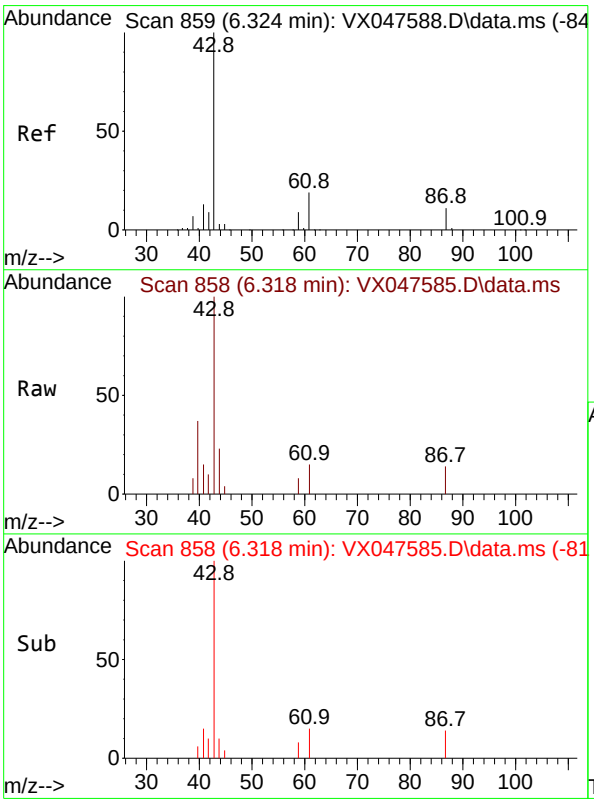
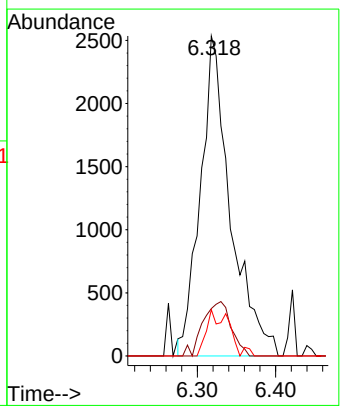
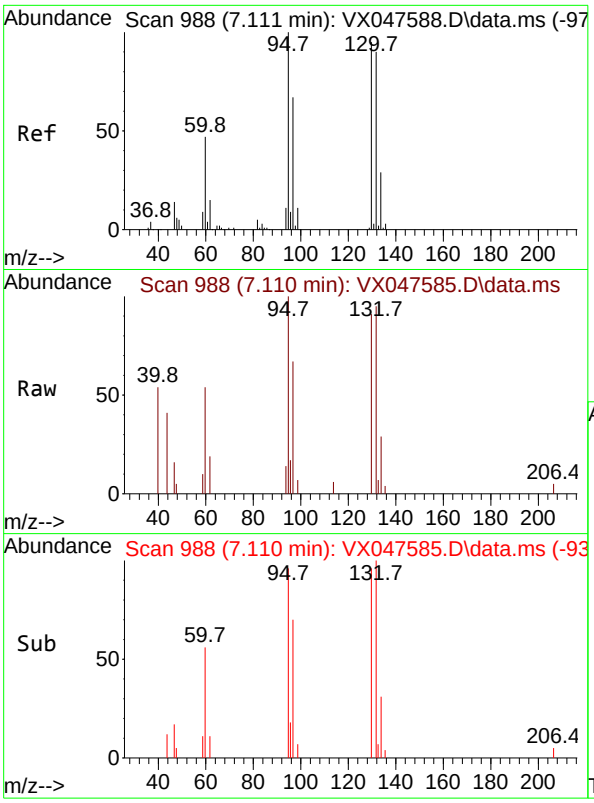


#43
Isopropyl Acetate
Concen: 0.873 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 6784

Ion	Ratio	Lower	Upper
43	100		
61	15.9	15.2	22.8
87	10.1	9.6	14.4

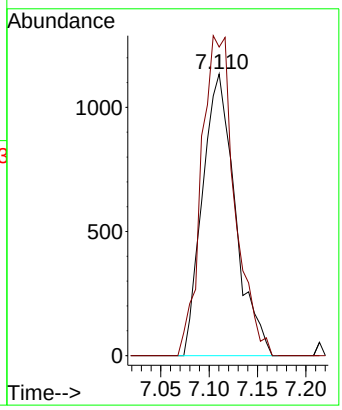




#44
Trichloroethene
Concen: 0.824 ug/l
RT: 7.110 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:130 Resp: 267

Ion	Ratio	Lower	Upper
130	100		
95	127.9	0.0	210.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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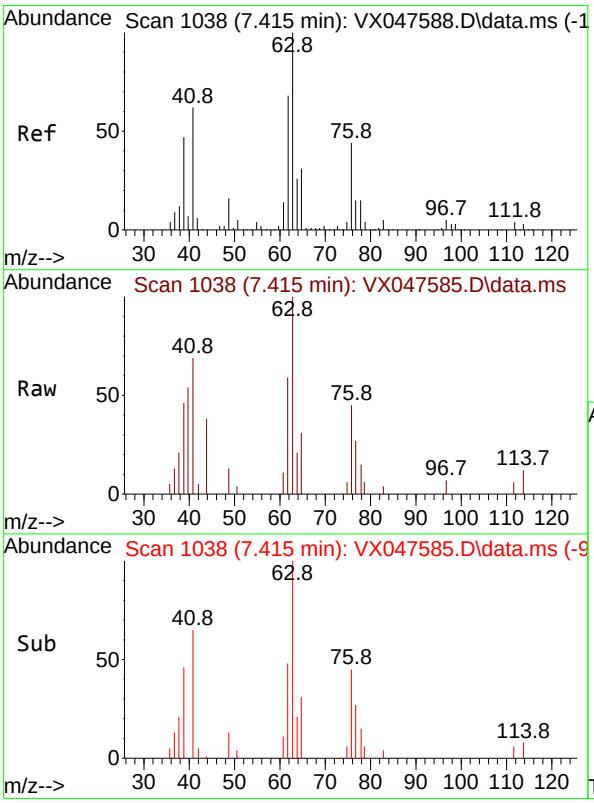
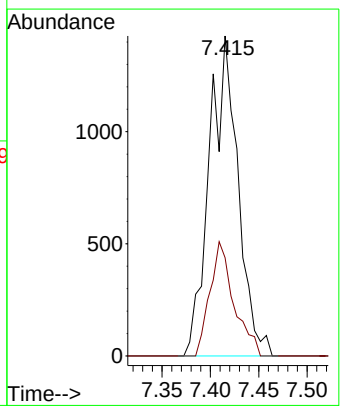
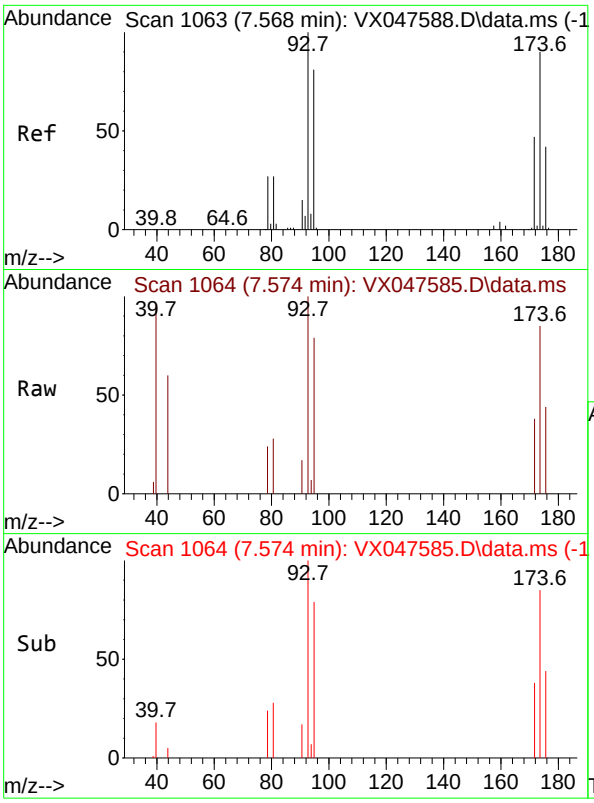


#45
1,2-Dichloropropane
Concen: 0.856 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 2945

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

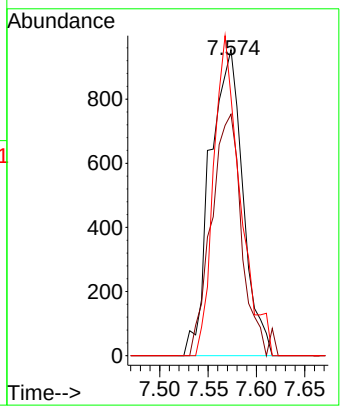




#46
Dibromomethane
Concen: 0.895 ug/l
RT: 7.574 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 93 Resp: 224

Ion	Ratio	Lower	Upper
93	100		
95	74.4	65.0	97.6
174	85.1	71.6	107.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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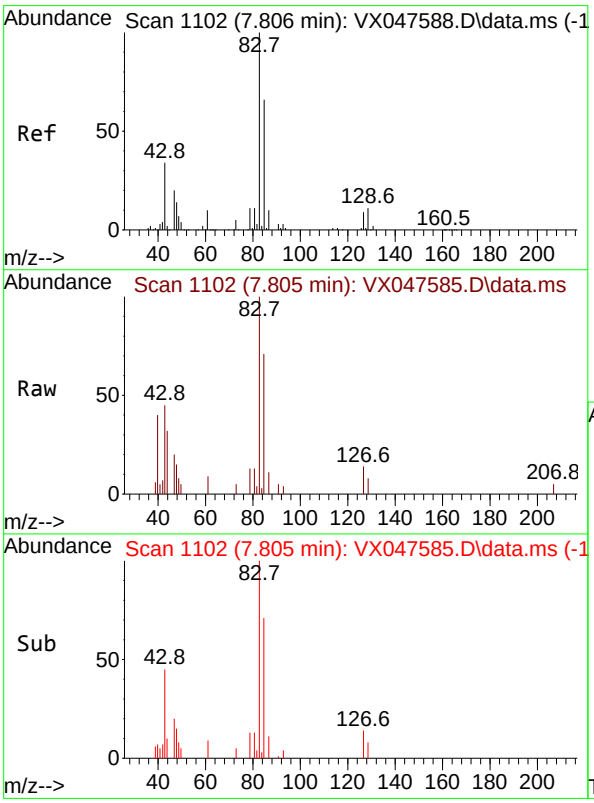
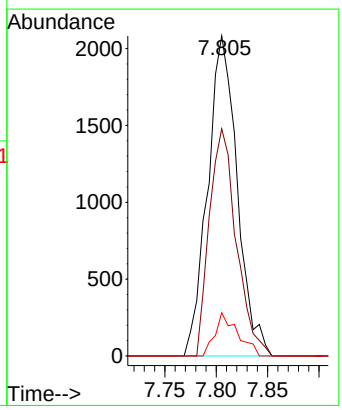
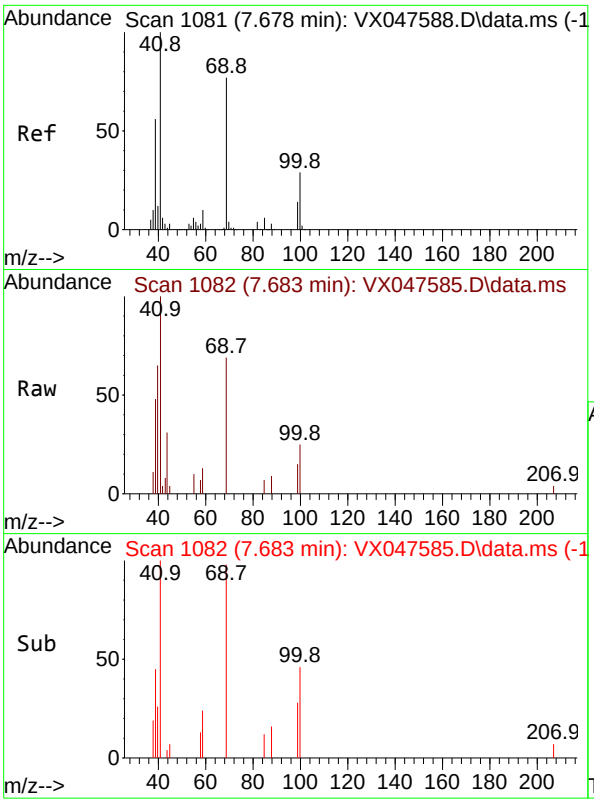


#47
Bromodichloromethane
Concen: 0.806 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 4167

Ion	Ratio	Lower	Upper
83	100		
85	71.0	52.5	78.7
127	13.5	6.9	10.3#





#48
Methyl methacrylate
Concen: 0.867 ug/l
RT: 7.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 335

Ion	Ratio	Lower	Upper
41	100		
69	59.3	61.4	92.2#
39	59.5	45.8	68.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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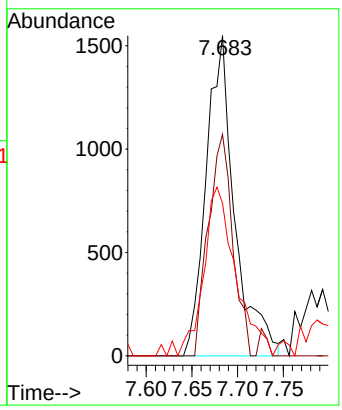
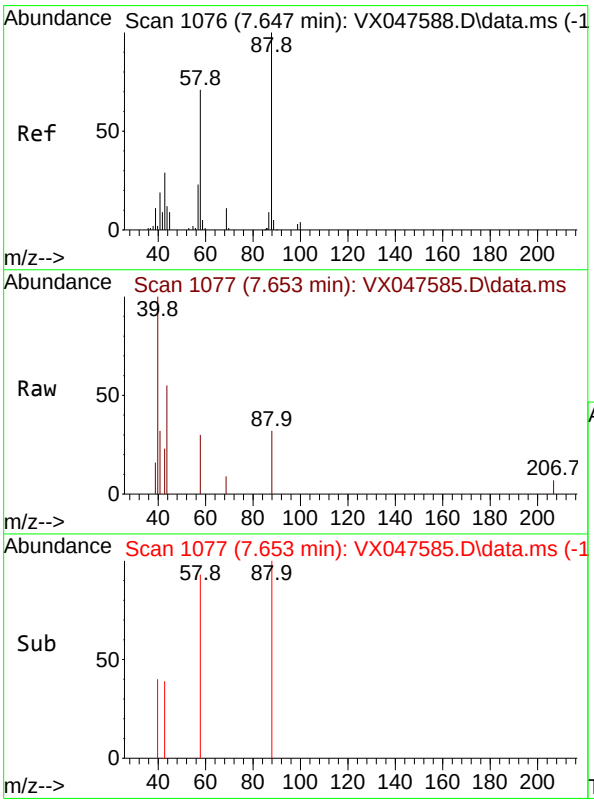
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

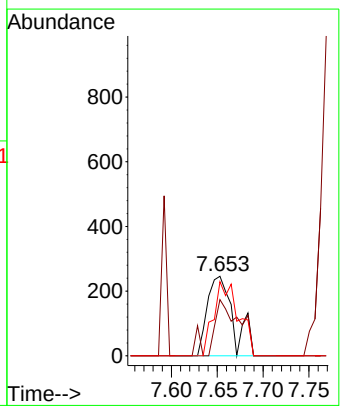


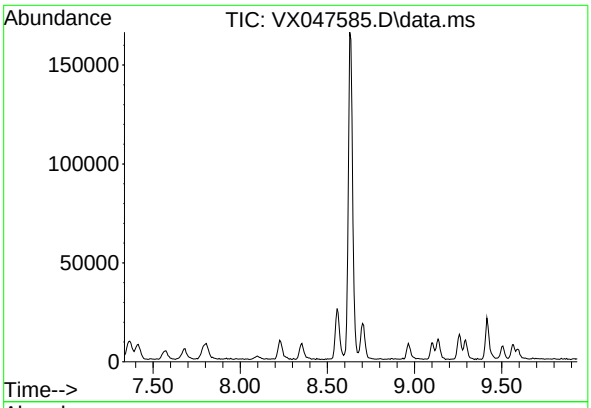


#49
1,4-Dioxane
Concen: 12.477 ug/l m
RT: 7.653 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 88 Resp: 488

Ion	Ratio	Lower	Upper
88	100		
43	64.1	30.2	45.2#
58	88.9	59.5	89.3





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.63 min

Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	66.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
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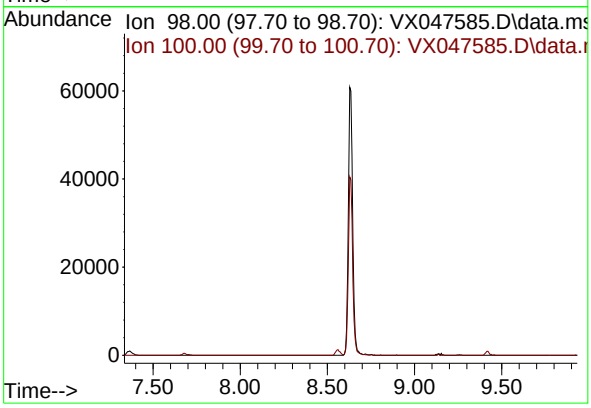
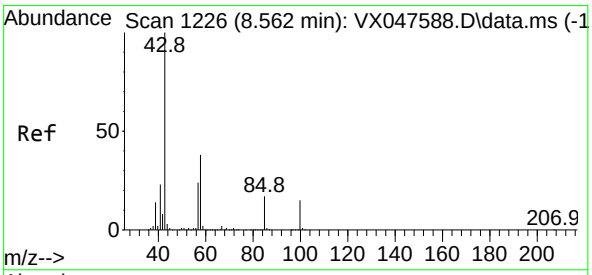
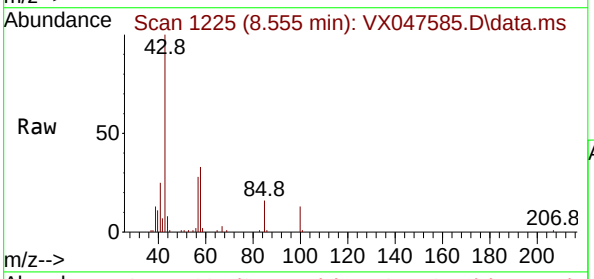
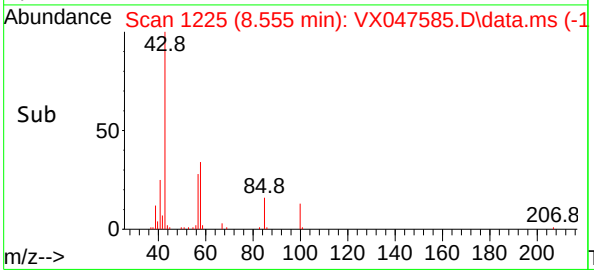




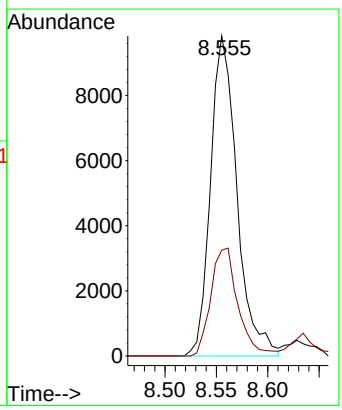


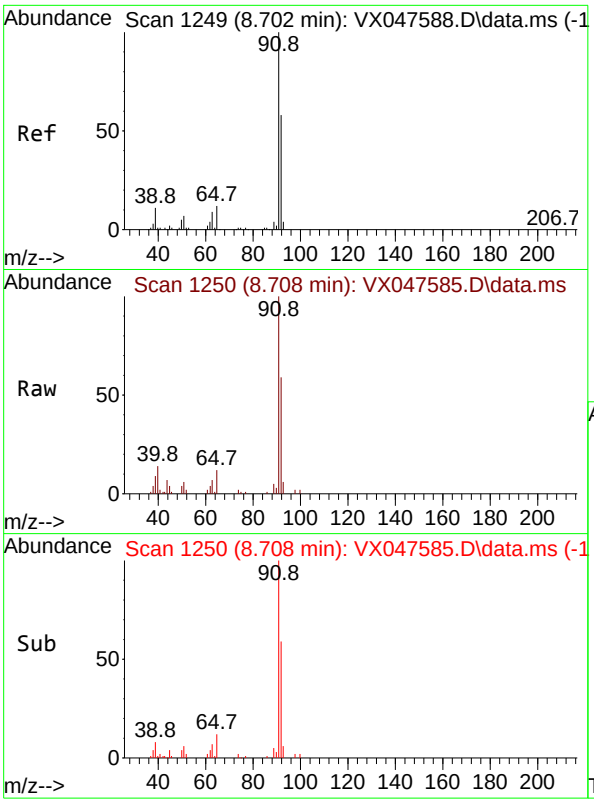


#51
4-Methyl-2-Pentanone
Concen: 4.085 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 17596

Ion	Ratio	Lower	Upper
43	100		
58	34.7	30.3	45.5

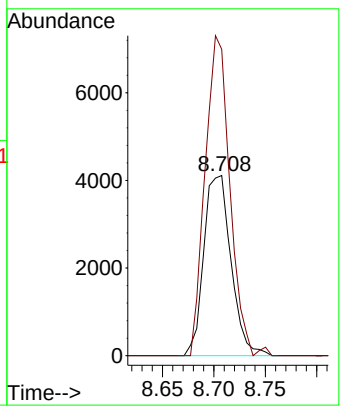




#52
Toluene
Concen: 0.917 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 92 Resp: 759

Ion	Ratio	Lower	Upper
92	100		
91	160.7	137.1	205.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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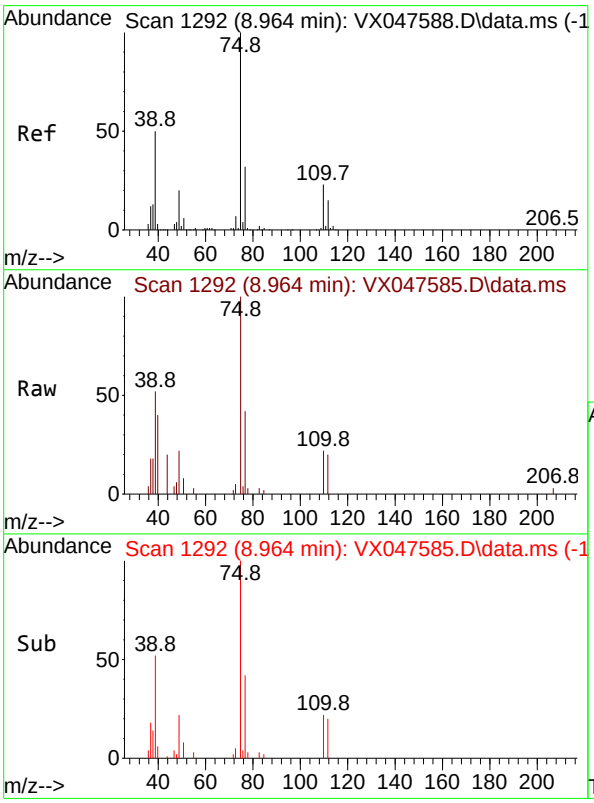
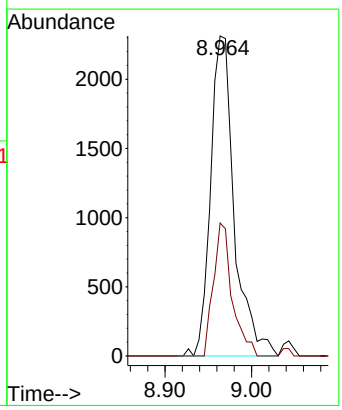
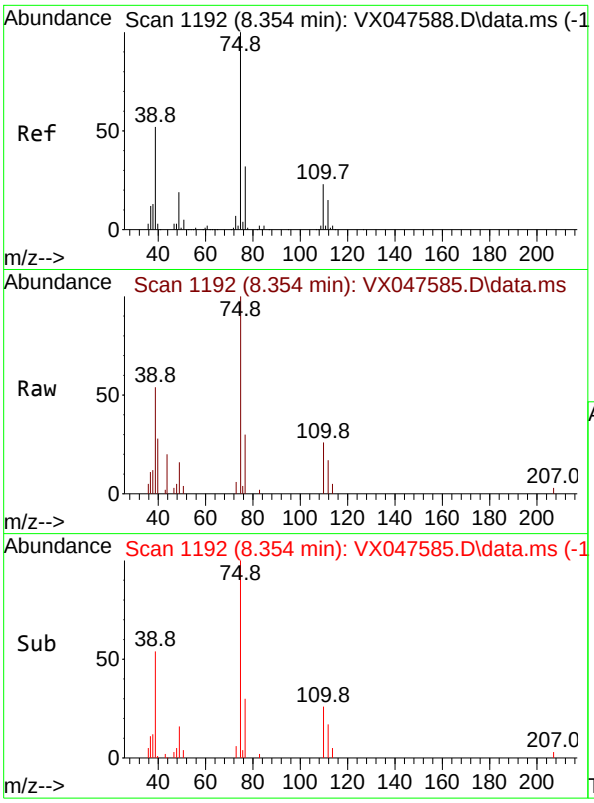


#53
t-1,3-Dichloropropene
Concen: 0.834 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4398

Ion	Ratio	Lower	Upper
75	100		
77	41.5	25.4	38.2#

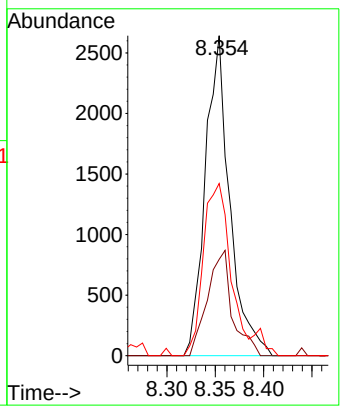




#54
cis-1,3-Dichloropropene
Concen: 0.823 ug/l
RT: 8.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 463

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.8	38.6
39	25.6	41.4	62.2#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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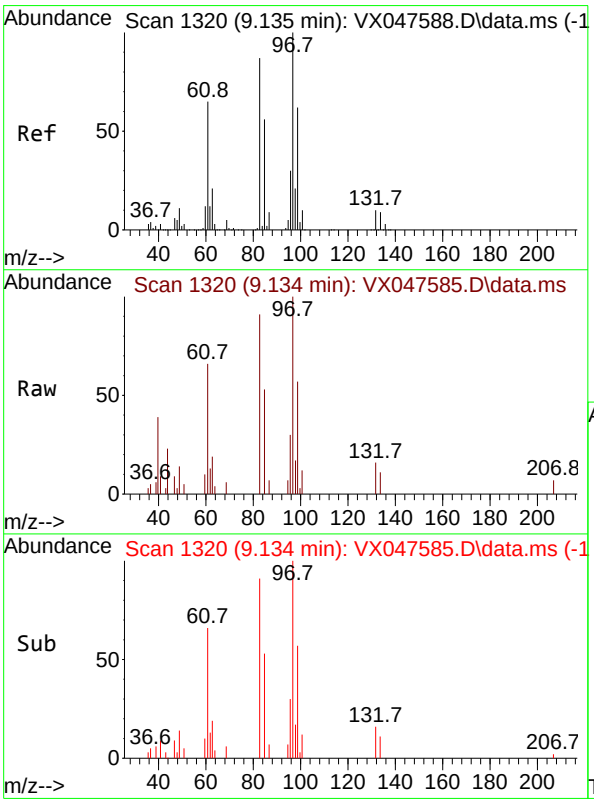
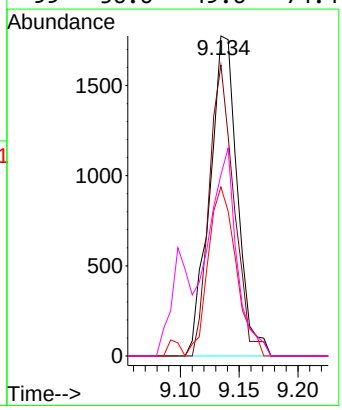
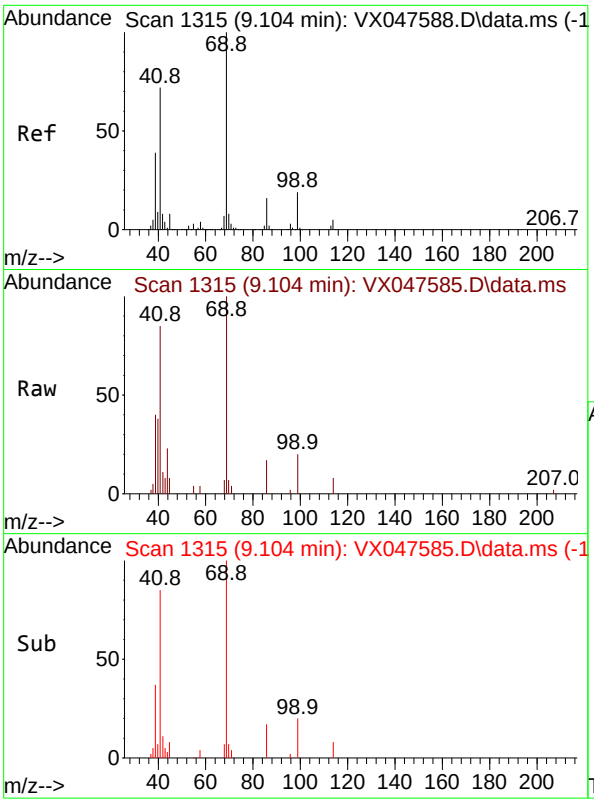


#55
1,1,2-Trichloroethane
Concen: 0.914 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 97 Resp: 2918

Ion	Ratio	Lower	Upper
97	100		
83	90.9	69.6	104.4
85	52.8	45.0	67.6
99	56.6	49.6	74.4

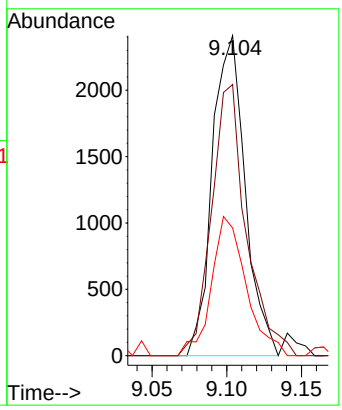




#56
Ethyl methacrylate
Concen: 0.734 ug/l
RT: 9.104 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 69 Resp: 367

Ion	Ratio	Lower	Upper
69	100		
41	89.4	58.6	87.8
39	46.0	31.5	47.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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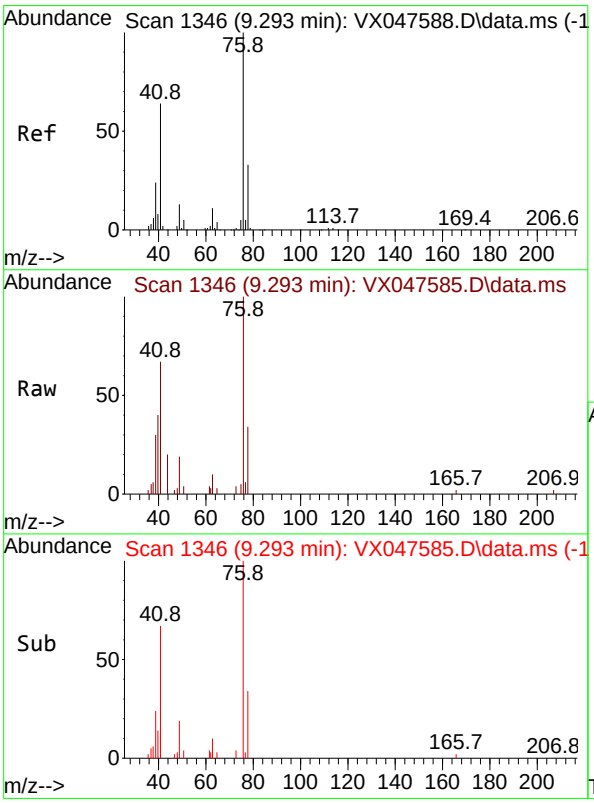
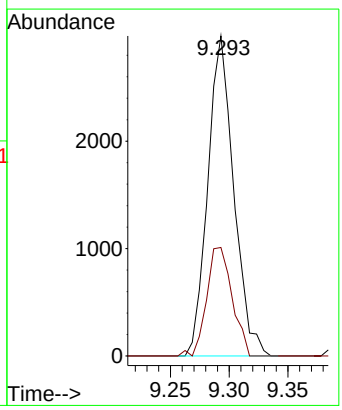
Supervised By :Mahesh Dadoda 09/18/2025

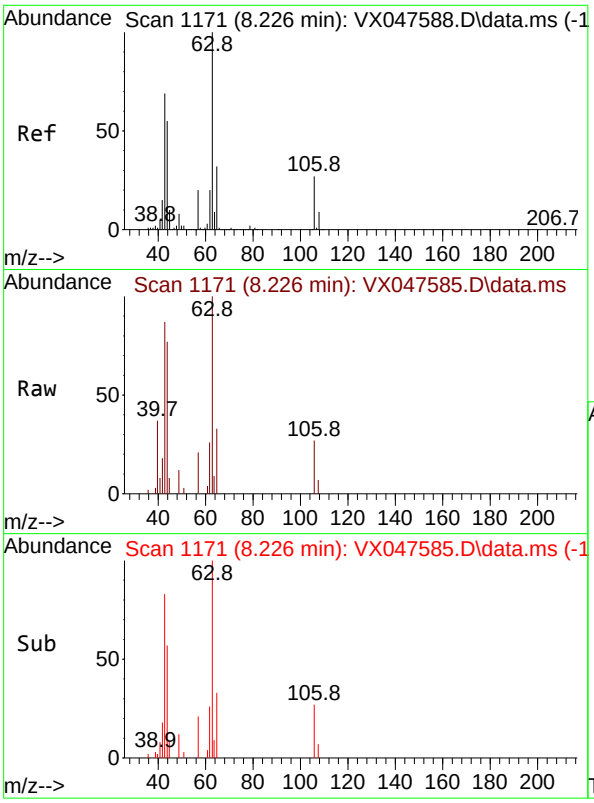


#57
1,3-Dichloropropane
Concen: 0.835 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 76 Resp: 4580

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.4





#58
2-Chloroethyl Vinyl ether
Concen: 9.665 ug/l
RT: 8.226 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 422

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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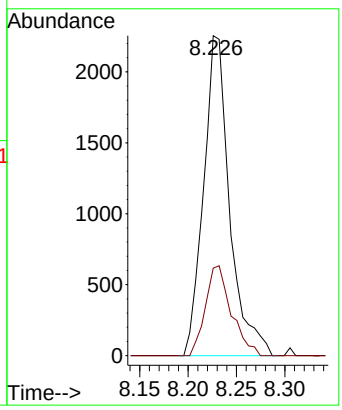
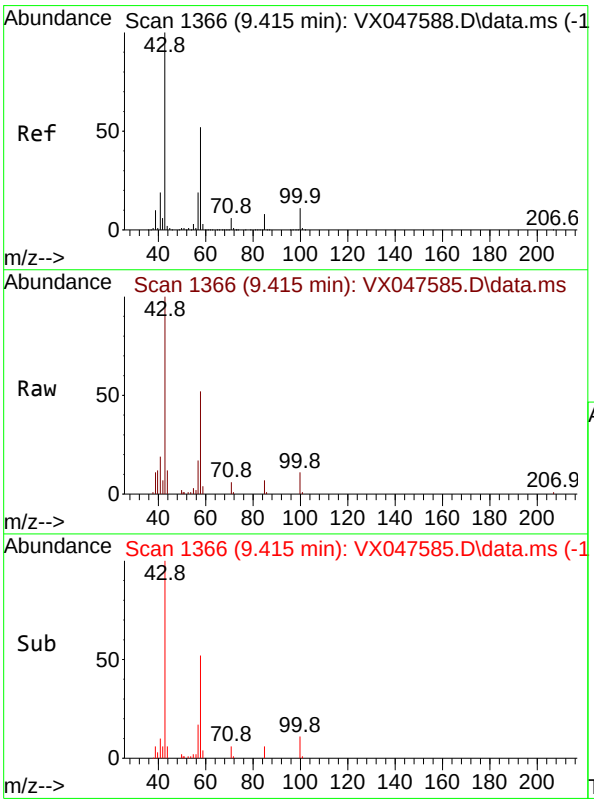
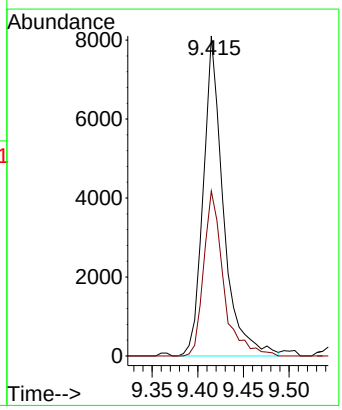


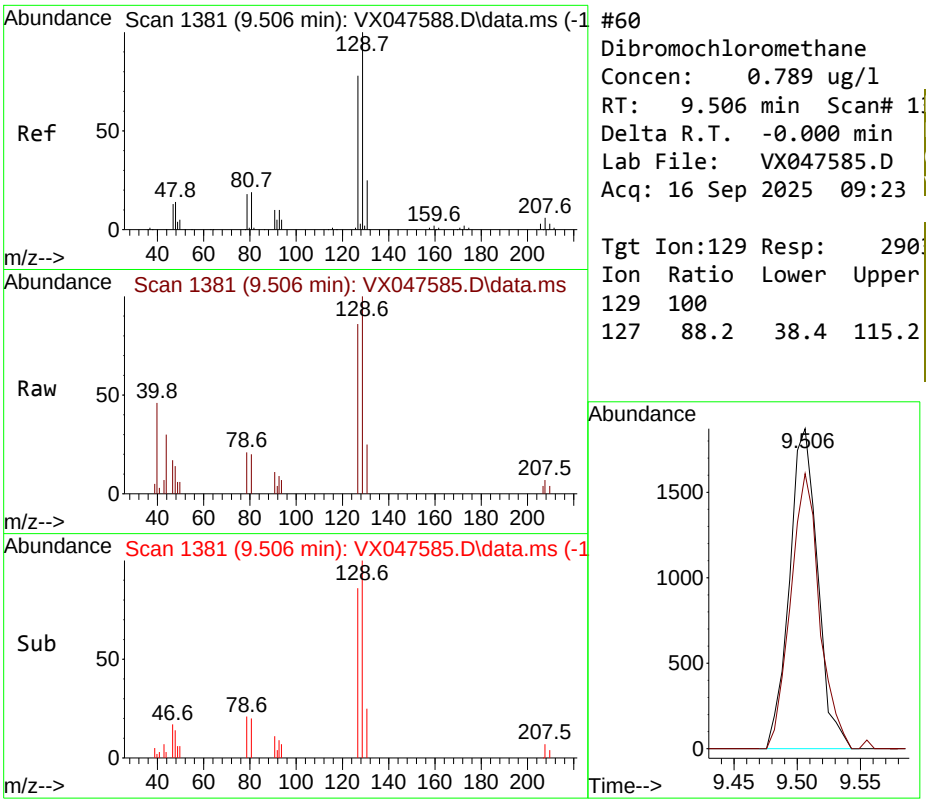


#59
2-Hexanone
Concen: 4.003 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 12385

Ion	Ratio	Lower	Upper
43	100		
58	50.7	26.1	78.2





#60
Dibromochloromethane
Concen: 0.789 ug/l
RT: 9.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:129 Resp: 290

Ion	Ratio	Lower	Upper
129	100		
127	88.2	38.4	115.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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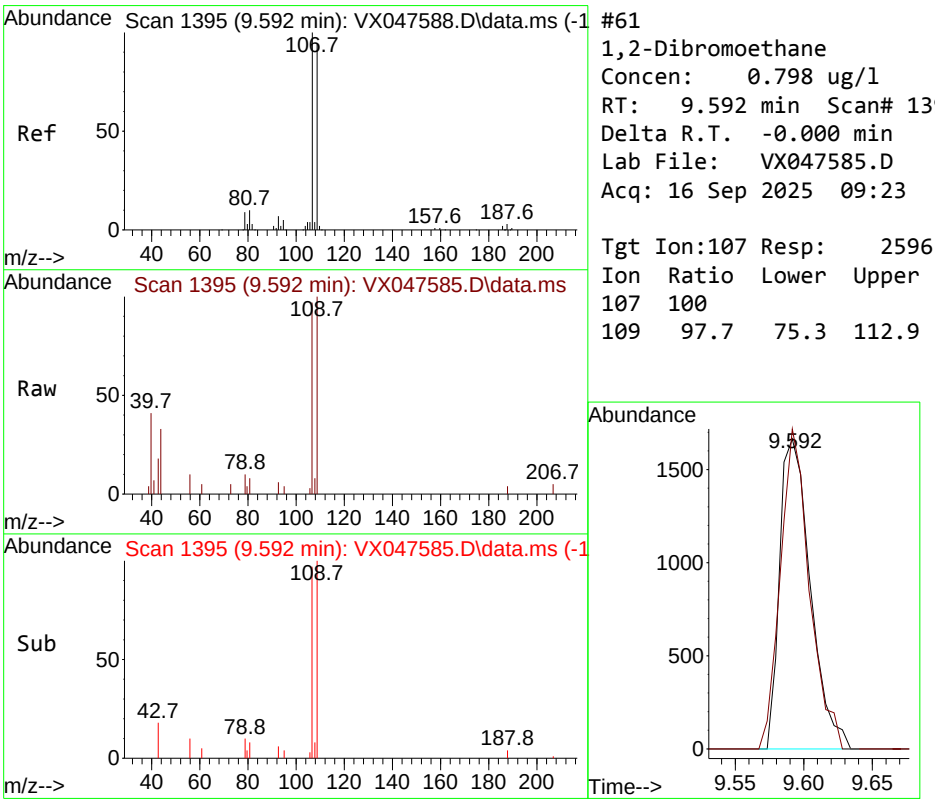
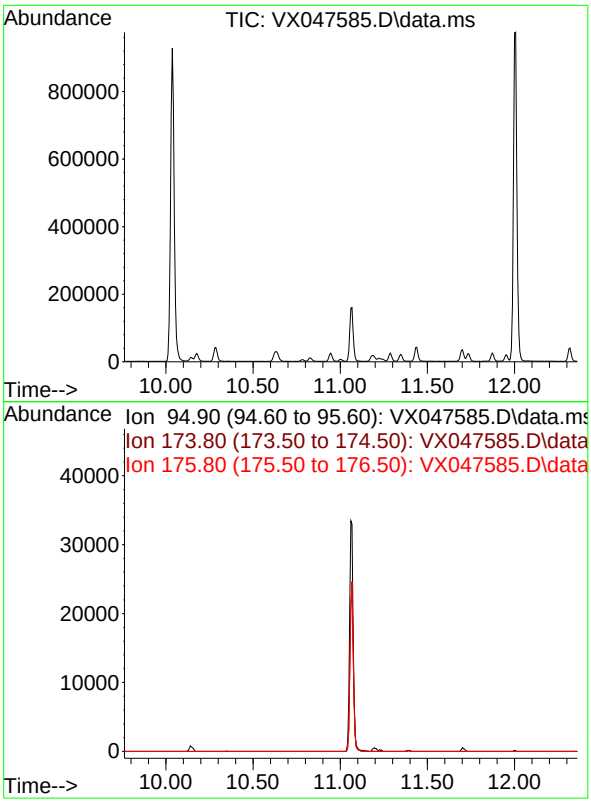


#61
1,2-Dibromoethane
Concen: 0.798 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:107 Resp: 2596

Ion	Ratio	Lower	Upper
107	100		
109	97.7	75.3	112.9



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.06 min

Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	70.8
176	69.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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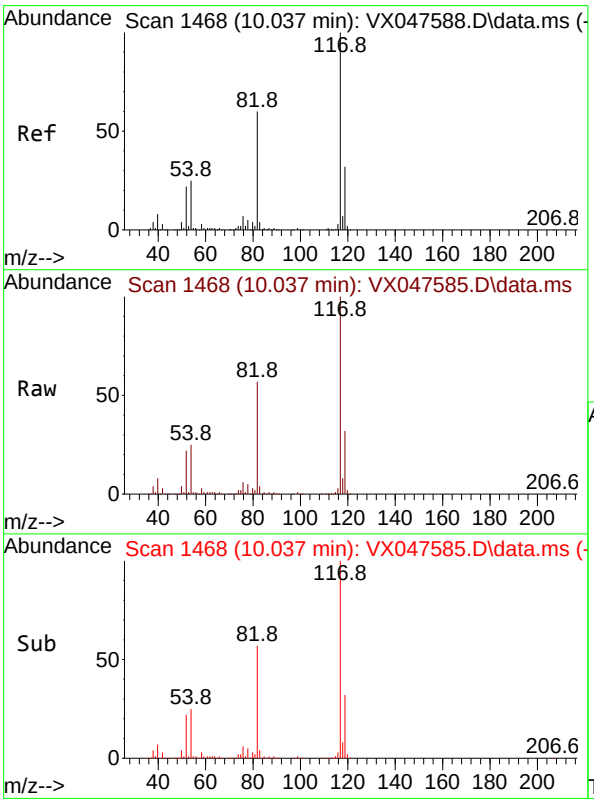
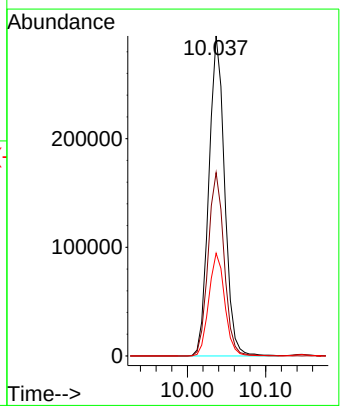
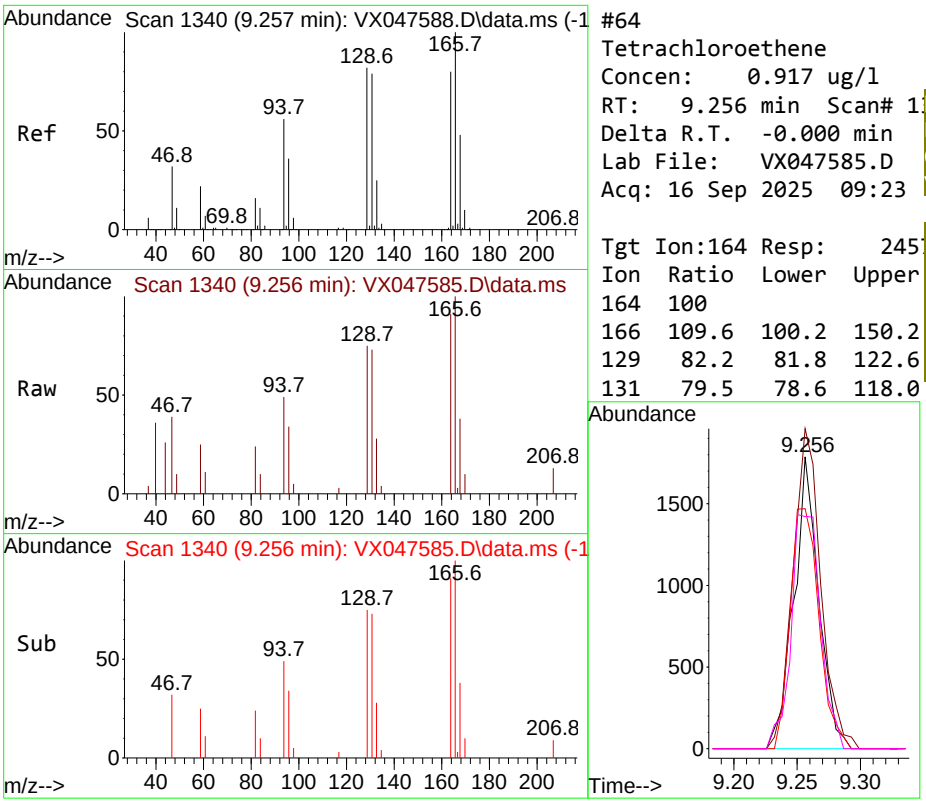


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 410953

Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.8	71.6
119	32.1	25.2	37.8





#64
Tetrachloroethene
Concen: 0.917 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:164 Resp: 245

Ion	Ratio	Lower	Upper
164	100		
166	109.6	100.2	150.2
129	82.2	81.8	122.6
131	79.5	78.6	118.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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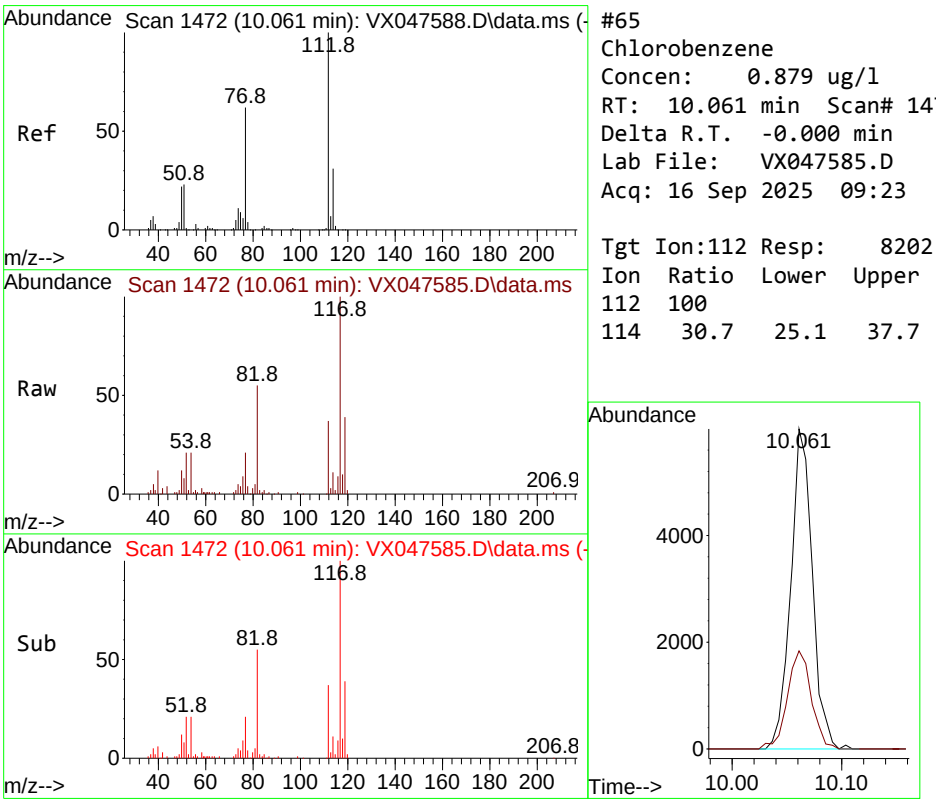
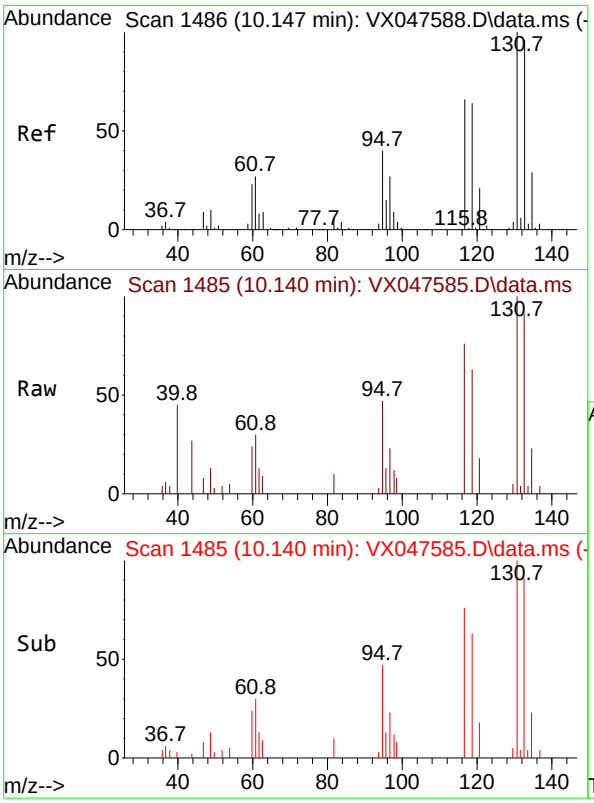


#65
Chlorobenzene
Concen: 0.879 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:112 Resp: 8202

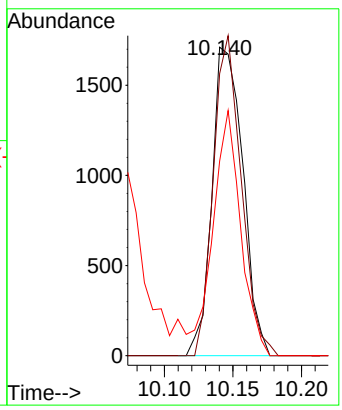
Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.1	37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 0.833 ug/l
RT: 10.140 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:131 Resp: 268

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	142.0
119	0.0	32.0	96.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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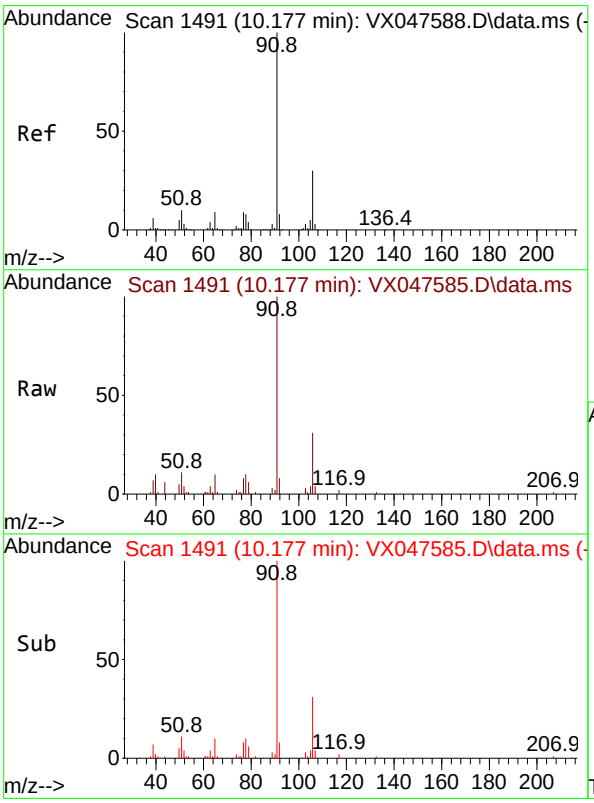
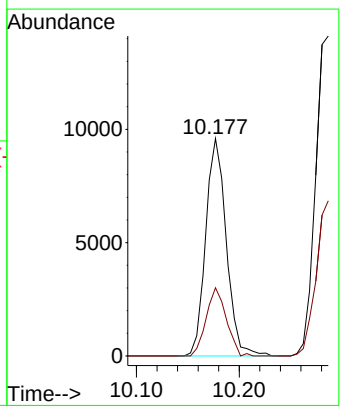
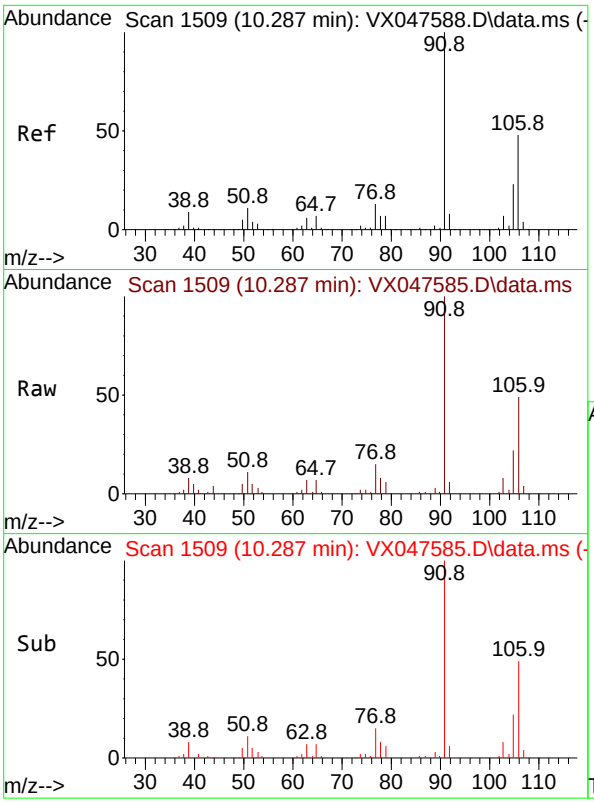


#67
Ethyl Benzene
Concen: 0.829 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 13360

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5

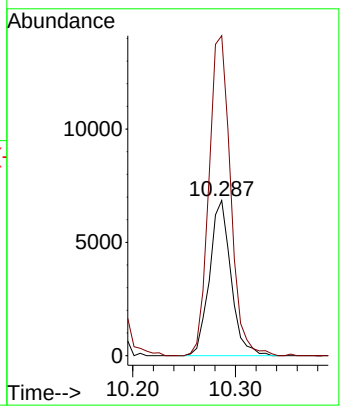




#68
m/p-Xylenes
Concen: 1.655 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:106 Resp: 992

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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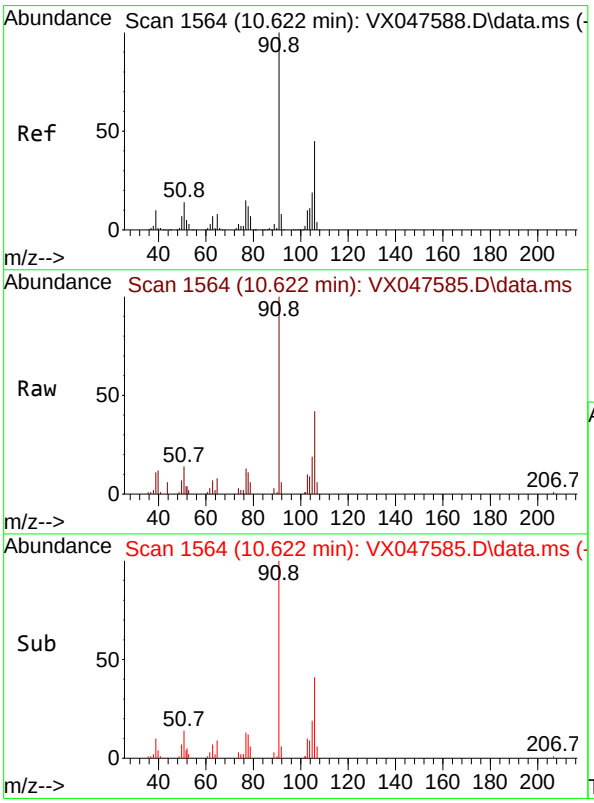
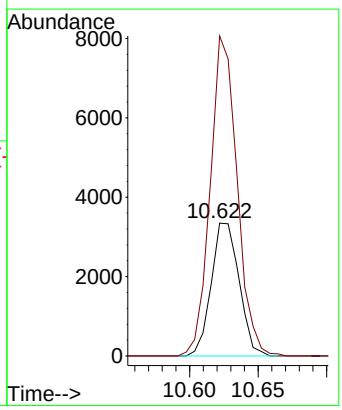
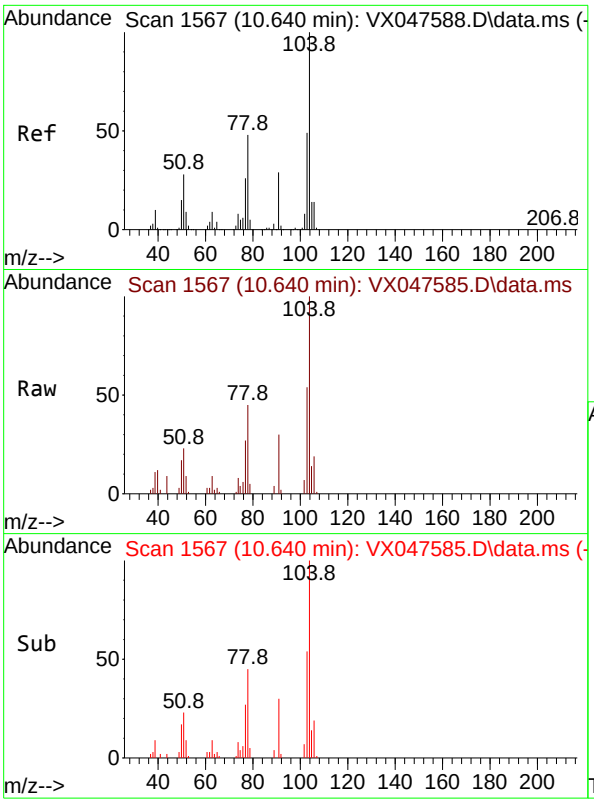


#69
o-Xylene
Concen: 0.816 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:106 Resp: 4734

Ion	Ratio	Lower	Upper
106	100		
91	232.4	111.1	333.4

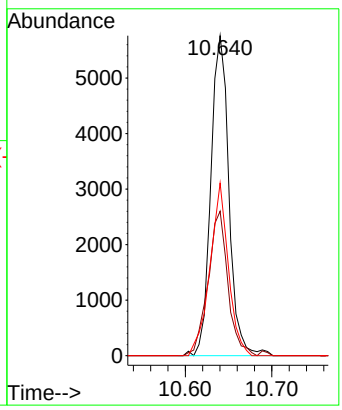




#70
Styrene
Concen: 0.824 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:104 Resp: 837

Ion	Ratio	Lower	Upper
104	100		
78	49.5	43.1	64.7
103	55.0	43.1	64.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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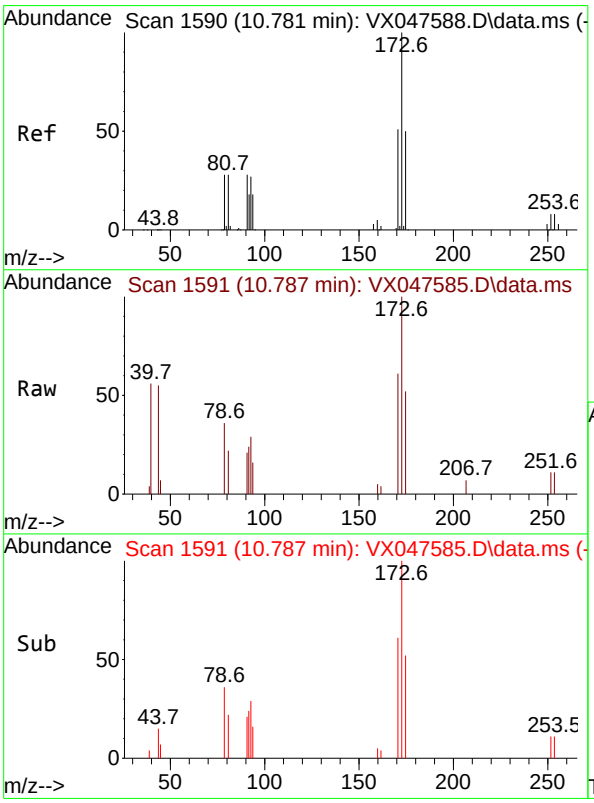
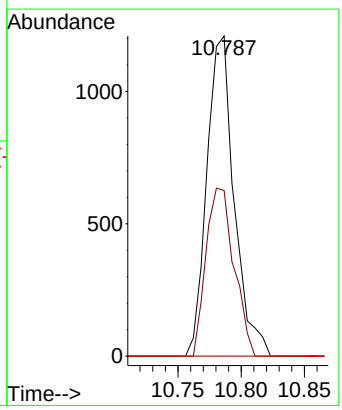
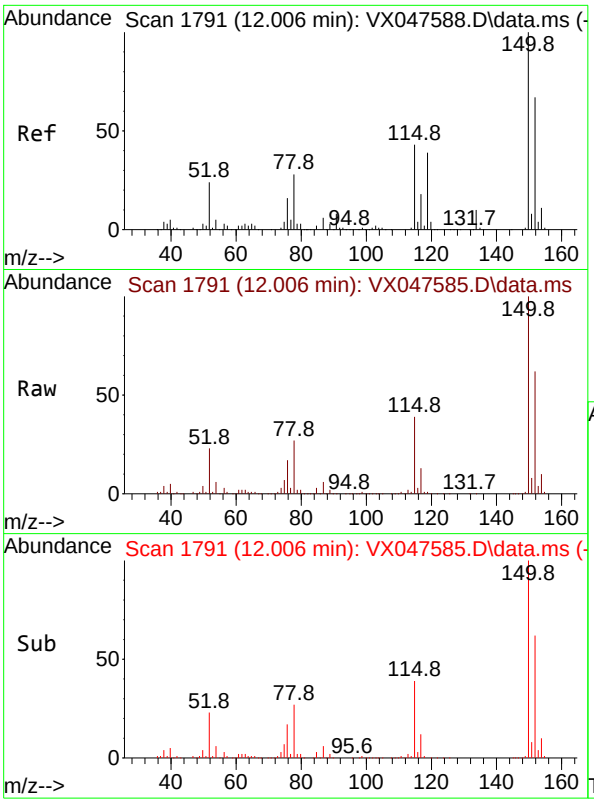


#71
Bromoform
Concen: 0.755 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:173 Resp: 1816

Ion	Ratio	Lower	Upper
173	100		
175	53.8	24.9	74.6
254	0.0	0.1	0.1#

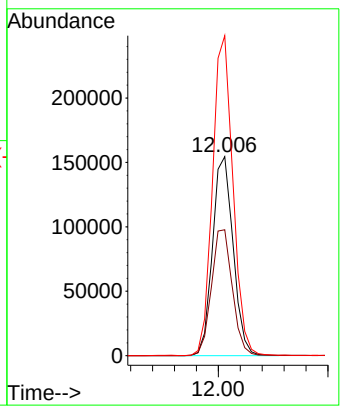




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:152 Resp: 20197

Ion	Ratio	Lower	Upper
152	100		
115	64.2	44.9	134.5
150	158.7	0.0	352.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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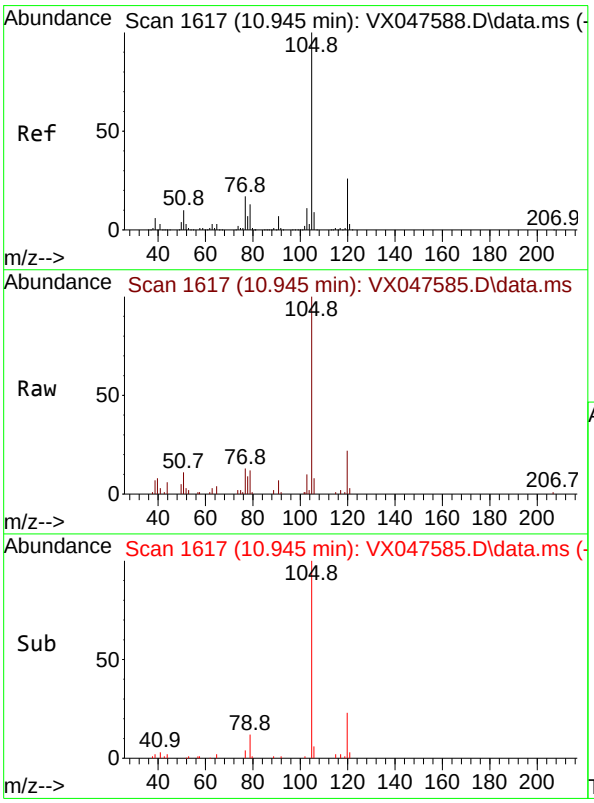
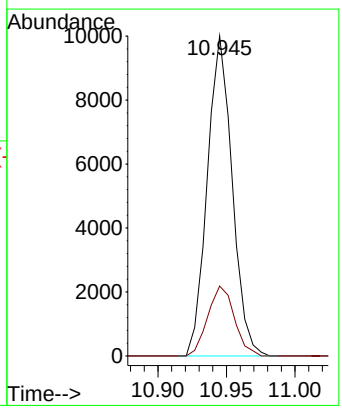
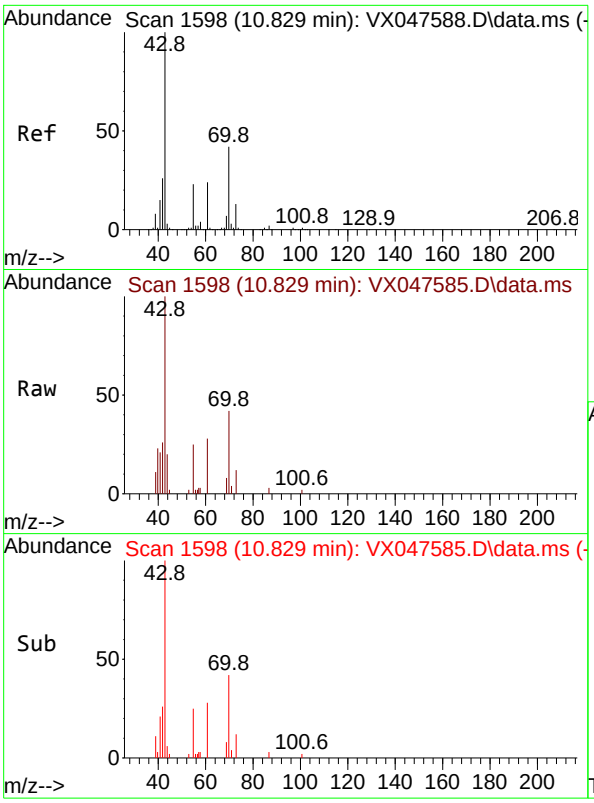


#73
Isopropylbenzene
Concen: 0.822 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 12618

Ion	Ratio	Lower	Upper
105	100		
120	23.4	12.8	38.4

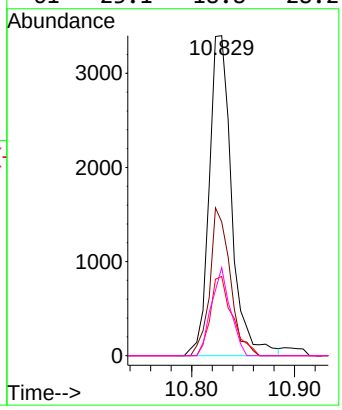




#74
N-amyl acetate
Concen: 0.737 ug/l
RT: 10.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 515

Ion	Ratio	Lower	Upper
43	100		
70	41.7	32.0	48.0
55	24.3	18.9	28.3
61	23.1	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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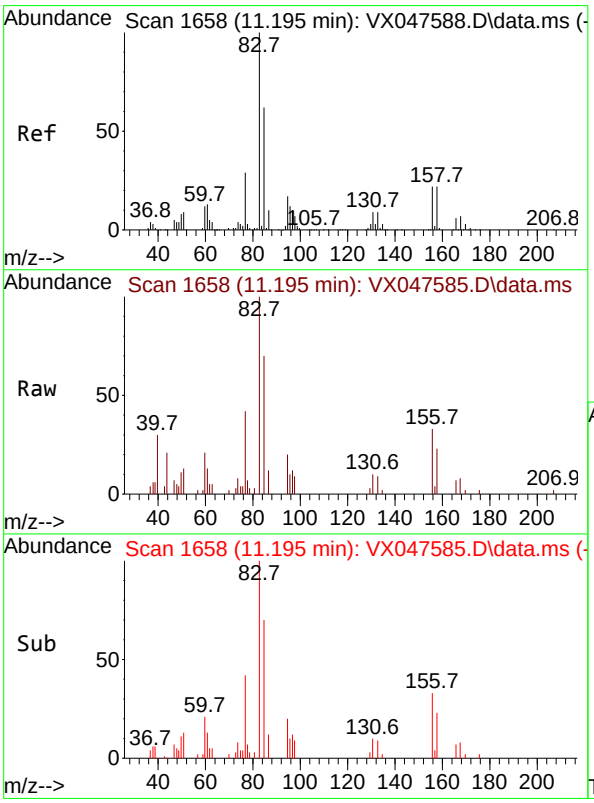
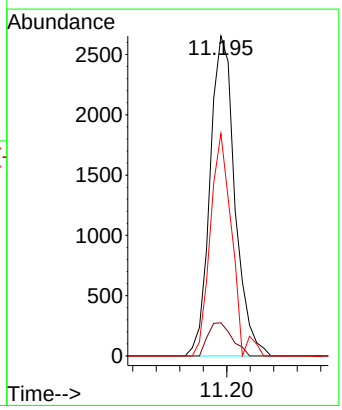
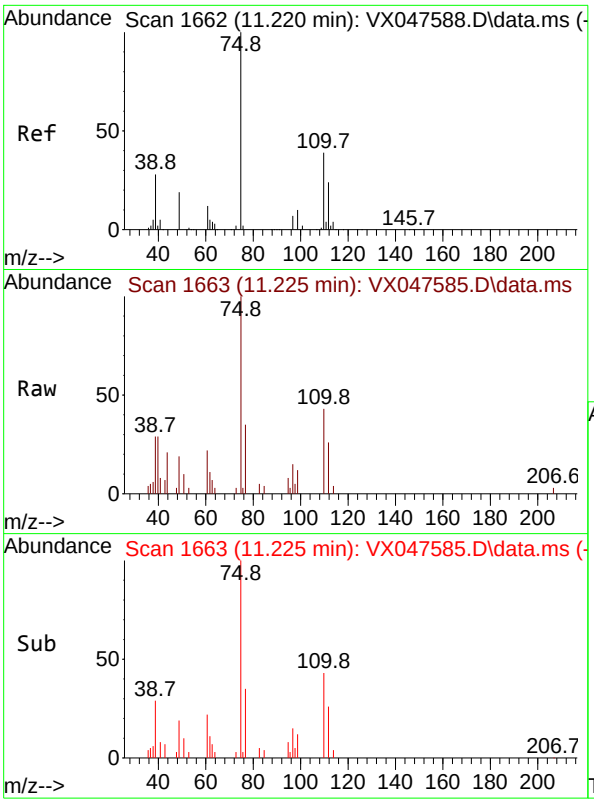


#75
1,1,2,2-Tetrachloroethane
Concen: 0.839 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 3900

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	59.8	31.6	95.0





#76
1,2,3-Trichloropropane
Concen: 0.816 ug/l m
RT: 11.225 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 342

Ion	Ratio	Lower	Upper
75	100		
77	34.6	18.8	56.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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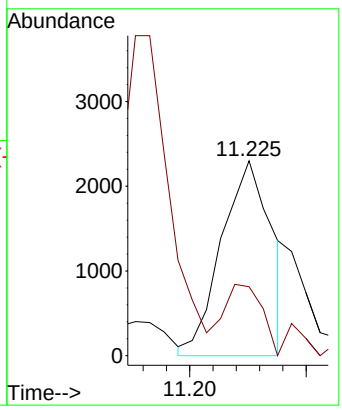
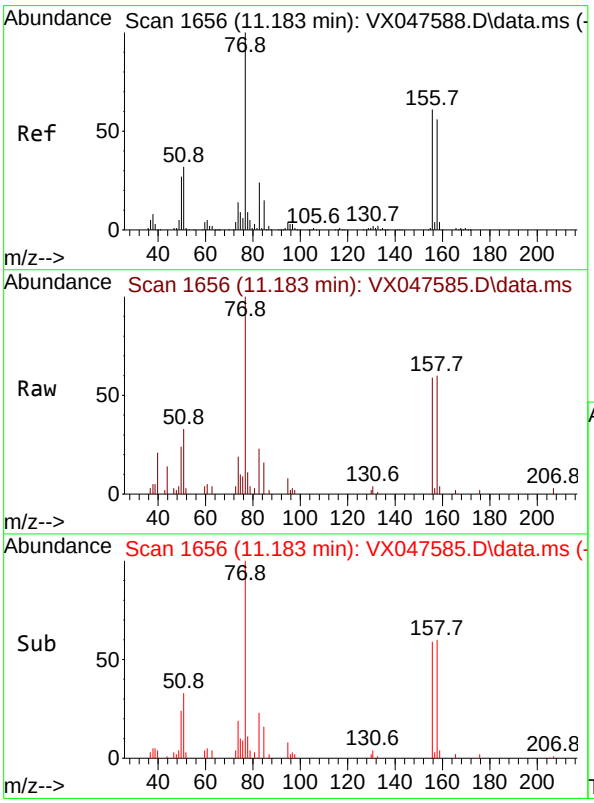
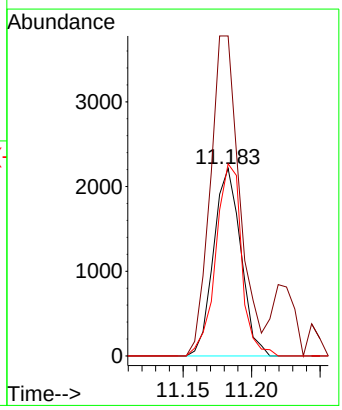


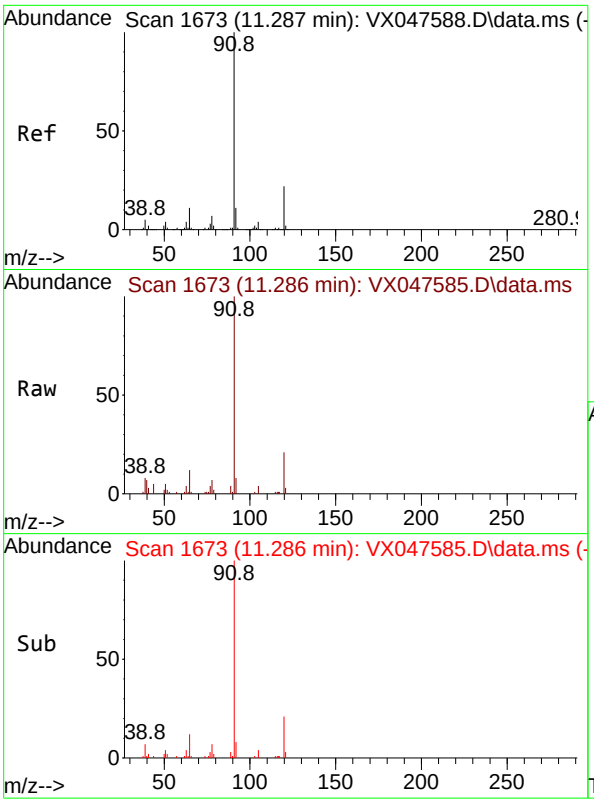


#77
Bromobenzene
Concen: 0.811 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:156 Resp: 3069

Ion	Ratio	Lower	Upper
156	100		
77	182.3	89.7	269.1
158	96.6	47.9	143.6

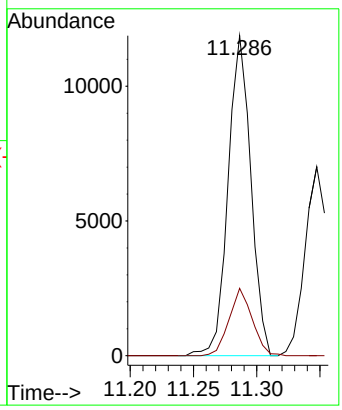




#78
n-propylbenzene
Concen: 0.819 ug/l
RT: 11.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 1486

Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.1	33.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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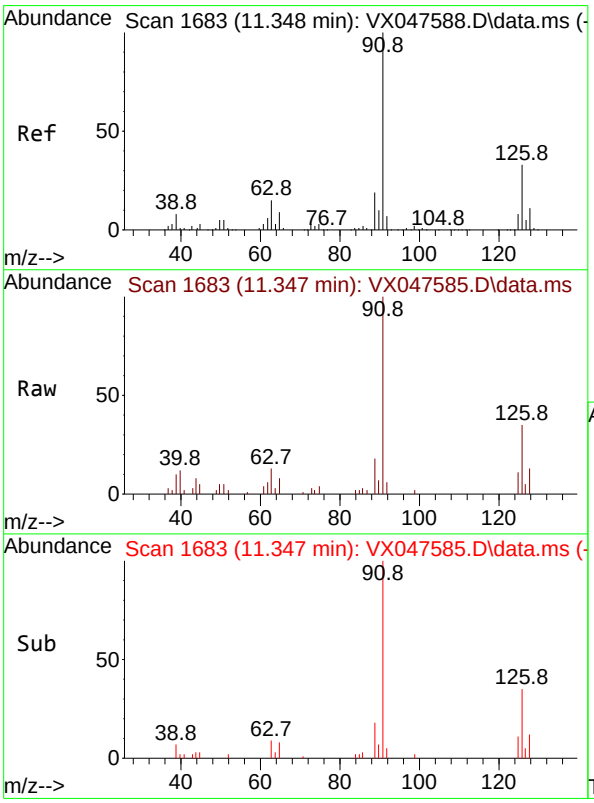
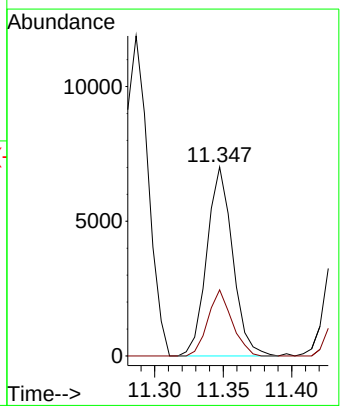
Supervised By :Mahesh Dadoda 09/18/2025

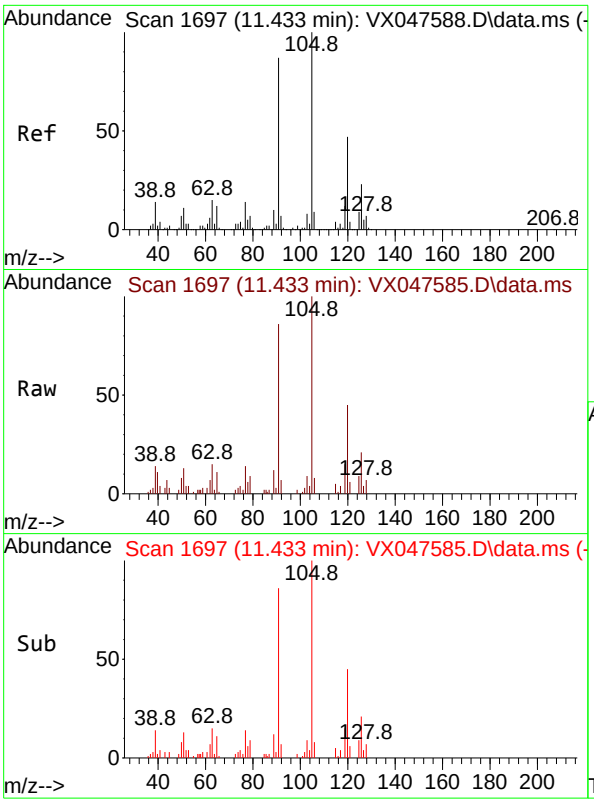


#79
2-Chlorotoluene
Concen: 0.827 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 9195

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.3

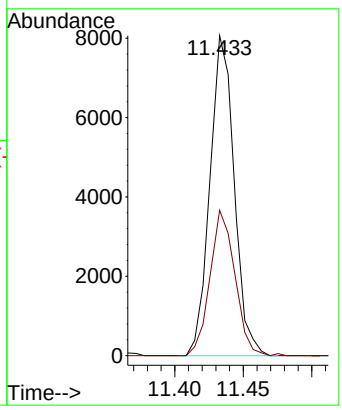




#80
1,3,5-Trimethylbenzene
Concen: 0.787 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 992

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.6	70.8



Instrument :
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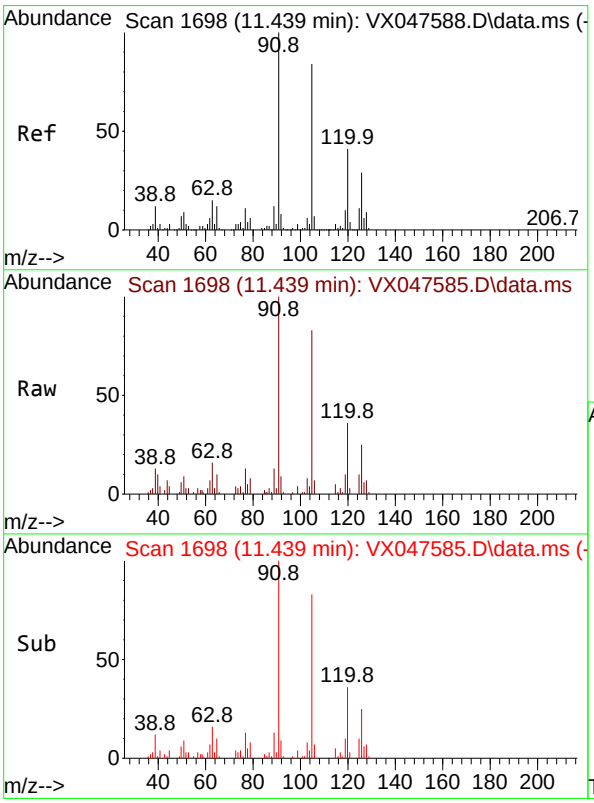
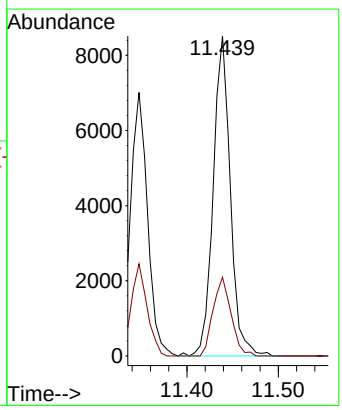
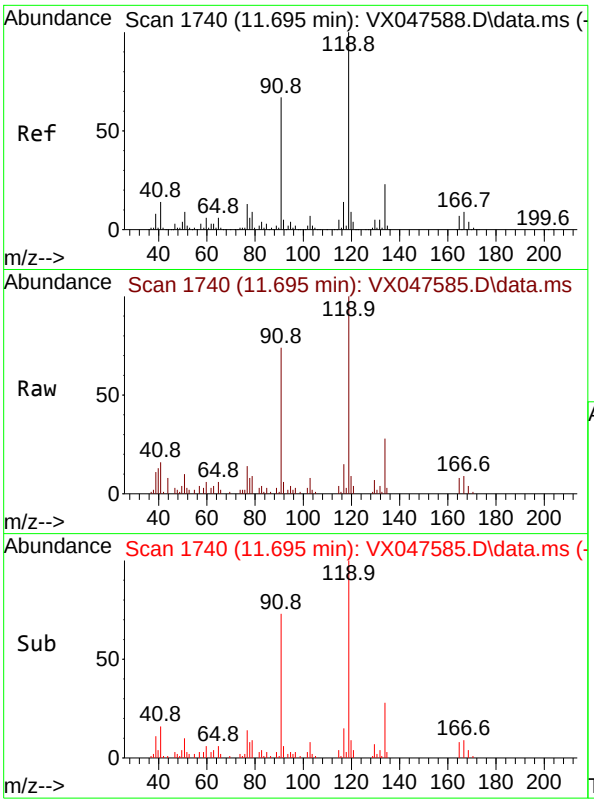


#82
4-Chlorotoluene
Concen: 0.847 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 11123

Ion	Ratio	Lower	Upper
91	100		
126	25.8	14.2	42.6

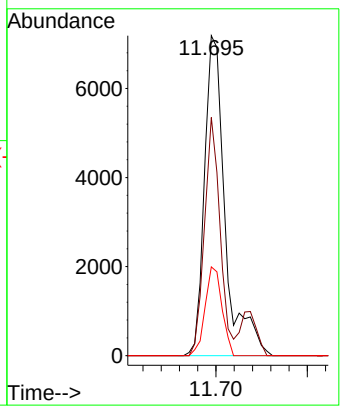




#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:119 Resp: 1131

Ion	Ratio	Lower	Upper
119	100		
91	56.1	29.6	88.8
134	22.5	11.0	33.0



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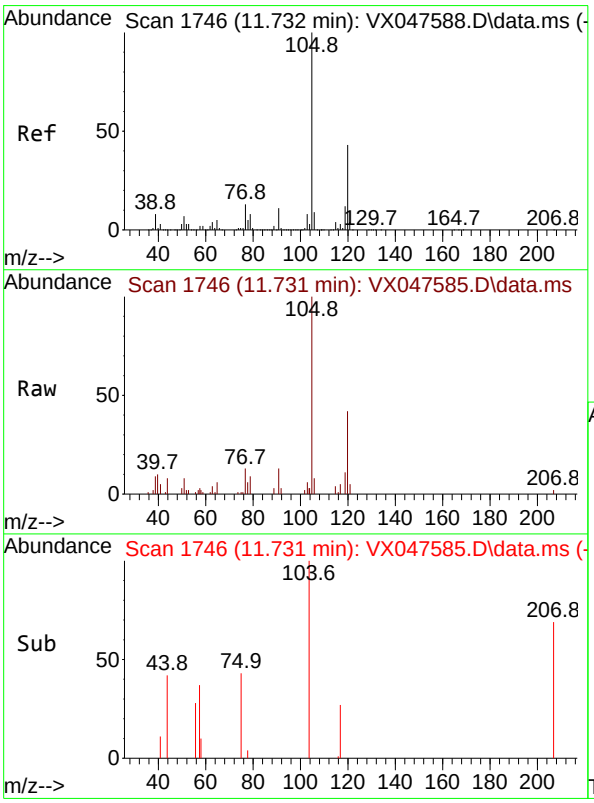
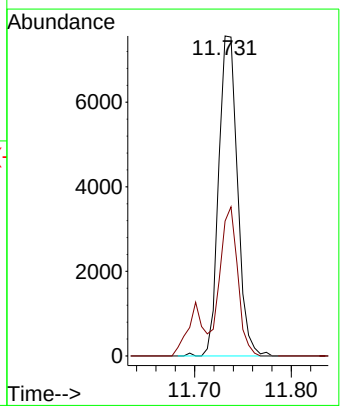
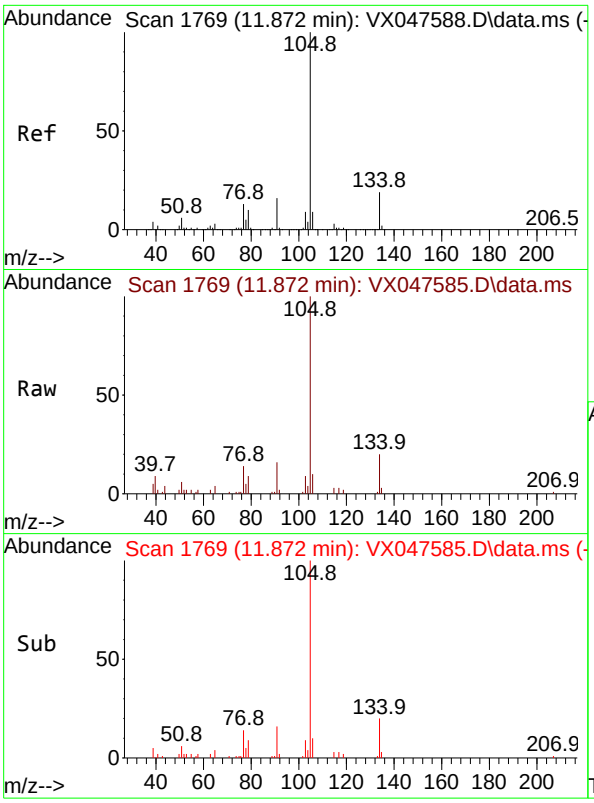


#84
1,2,4-Trimethylbenzene
Concen: 0.796 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 10187

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1

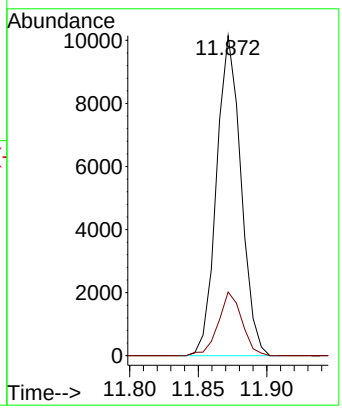




#85
sec-Butylbenzene
Concen: 0.819 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 1256

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5



Instrument :
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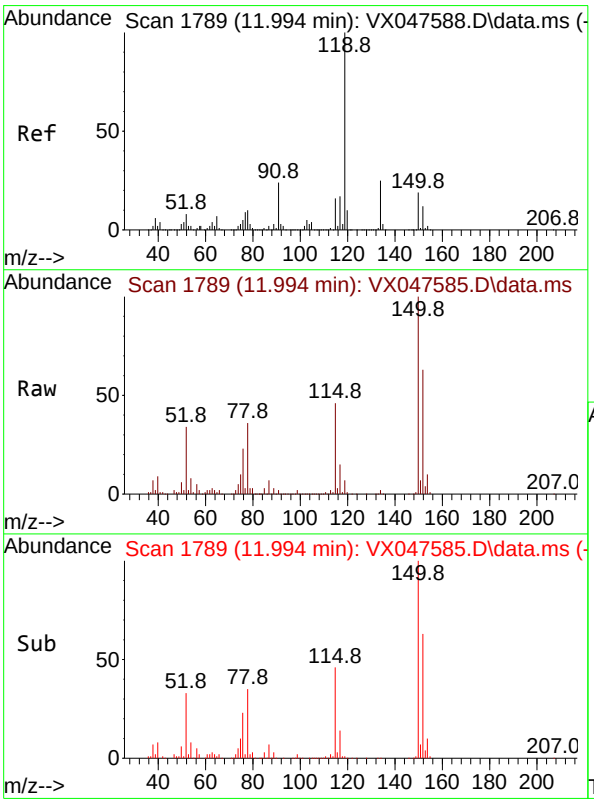
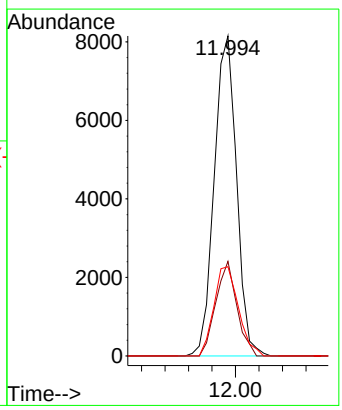
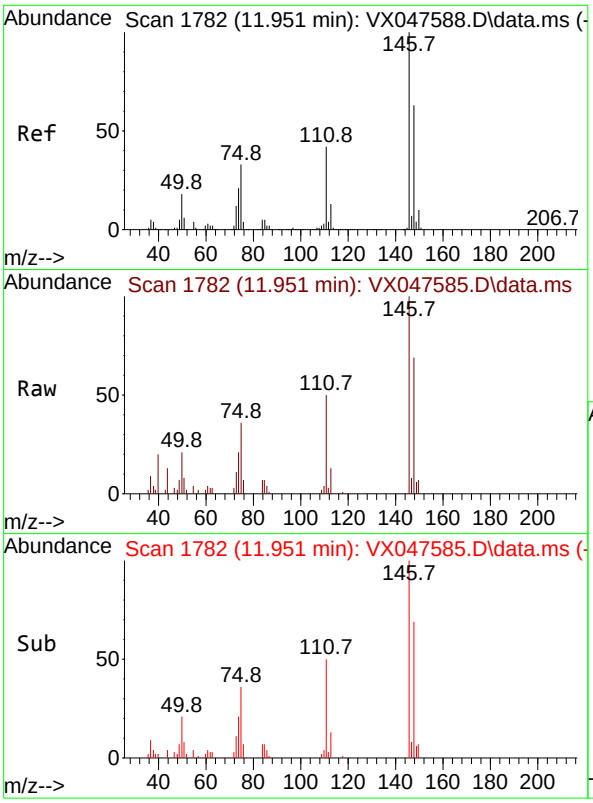


#86
p-Isopropyltoluene
Concen: 0.827 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:119 Resp: 10744

Ion	Ratio	Lower	Upper
119	100		
134	27.9	12.6	37.8
91	30.8	12.6	37.6

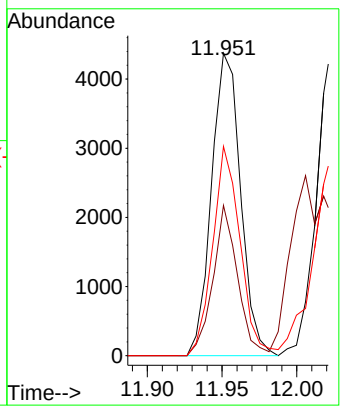




#87
1,3-Dichlorobenzene
Concen: 0.841 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 590

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	65.5	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
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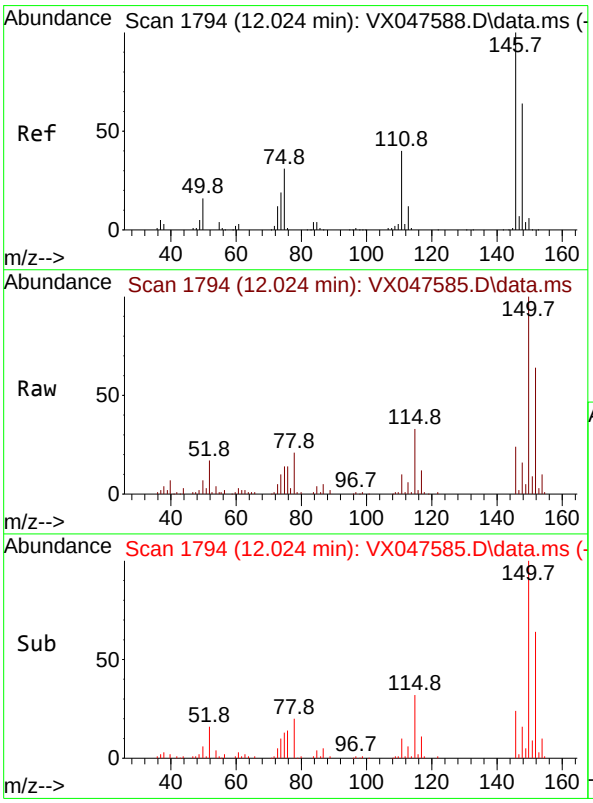
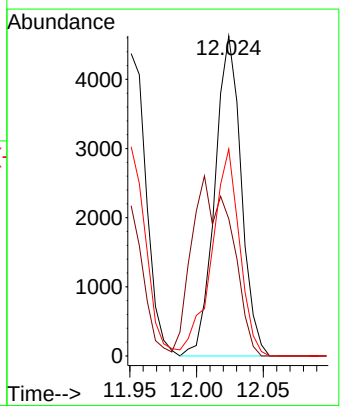
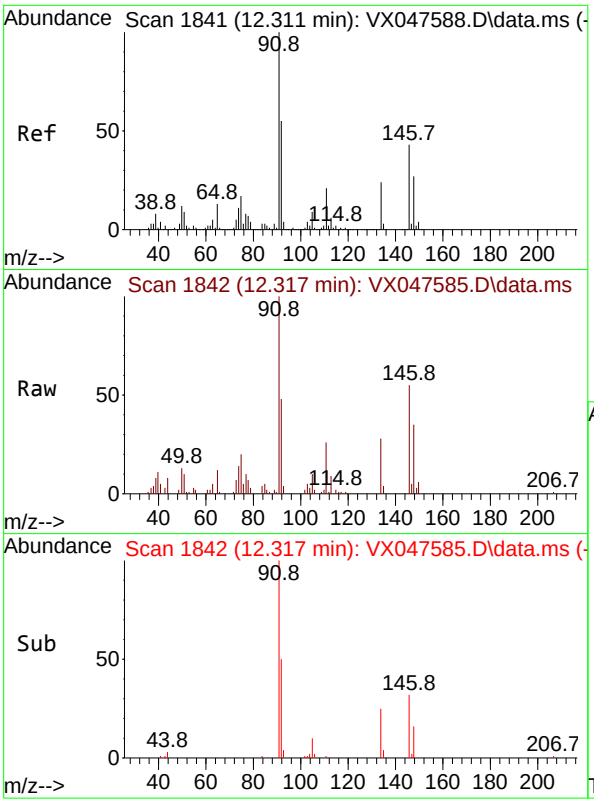


#88
1,4-Dichlorobenzene
Concen: 0.880 ug/l m
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 6341

Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.8	62.4
148	61.1	31.7	95.1

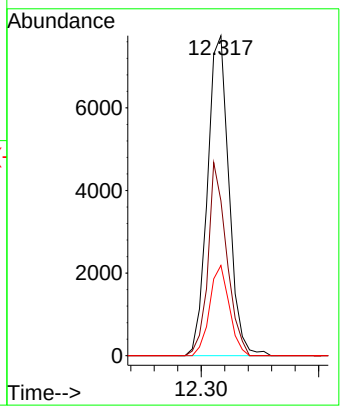




#89
n-Butylbenzene
Concen: 0.816 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 981

Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.6	82.7
134	25.9	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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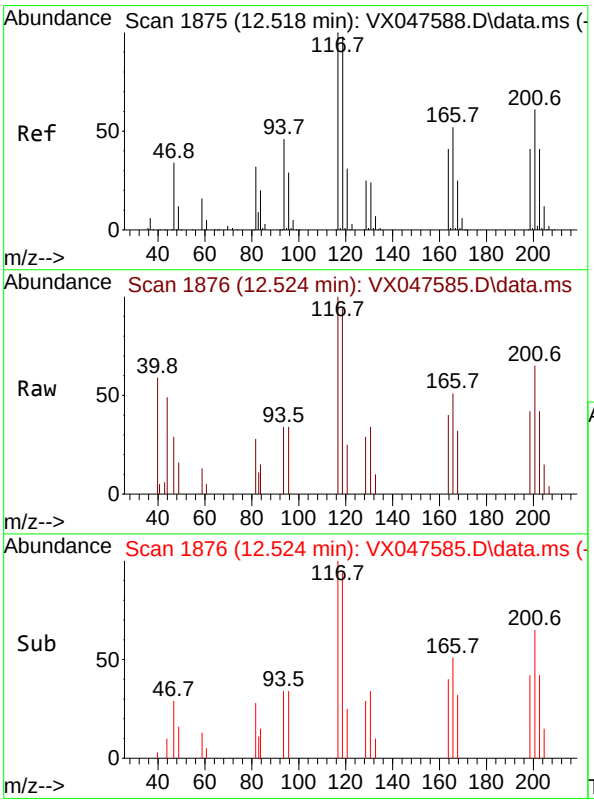
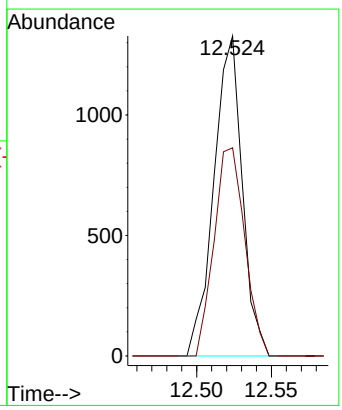
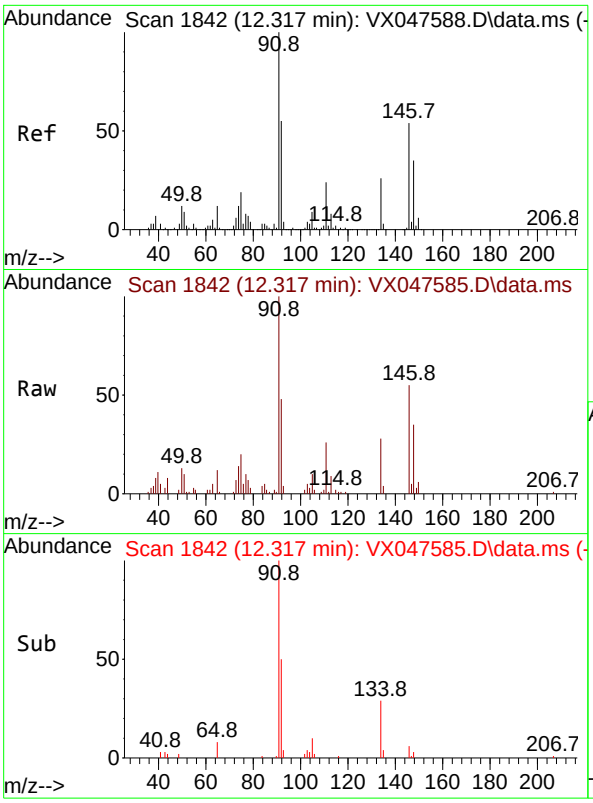


#90
Hexachloroethane
Concen: 0.768 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 1752

Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.2	102.5

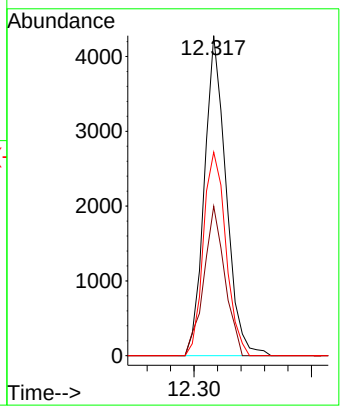




#91
1,2-Dichlorobenzene
Concen: 0.820 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 549

Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.2	66.6
148	65.8	31.8	95.4



Instrument :
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ClientSampleId :
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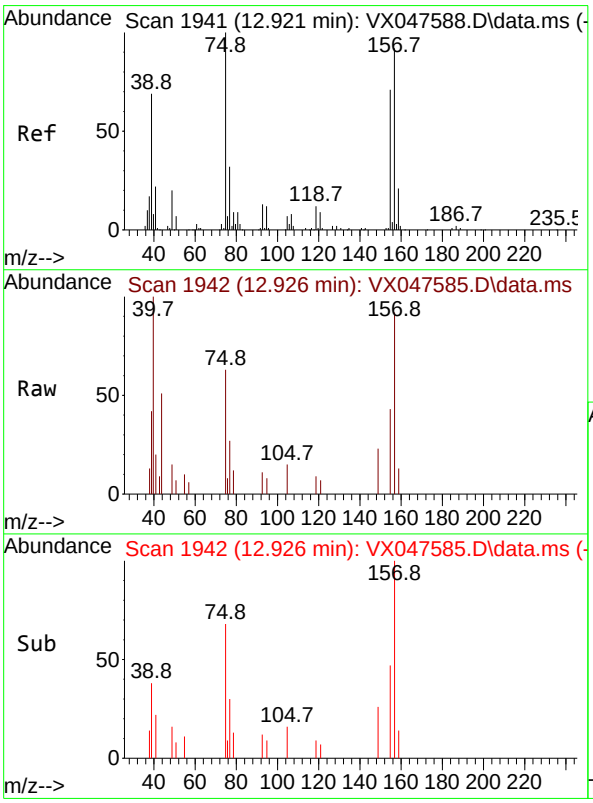
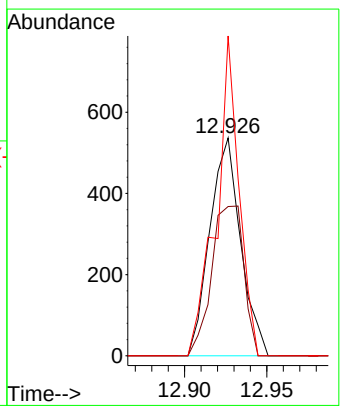
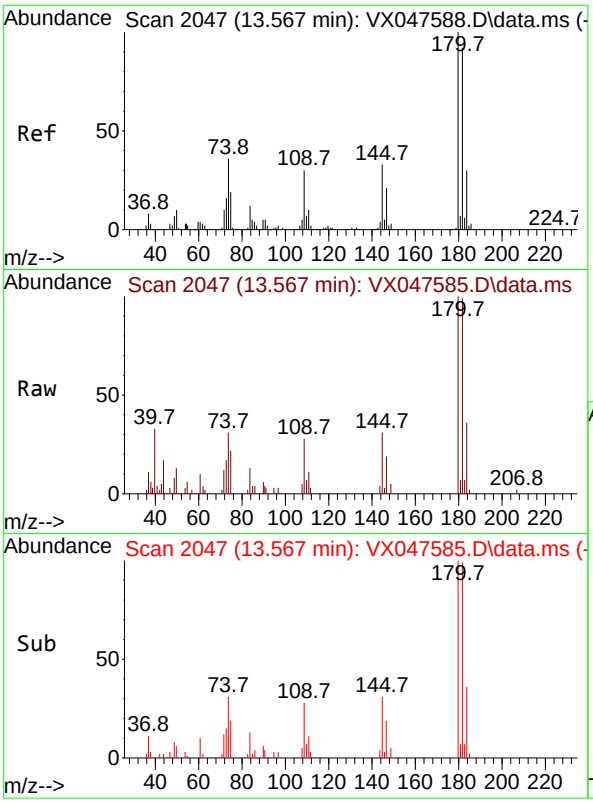


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.742 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 698

Ion	Ratio	Lower	Upper
75	100		
155	72.1	37.7	113.1
157	108.7	49.8	149.4

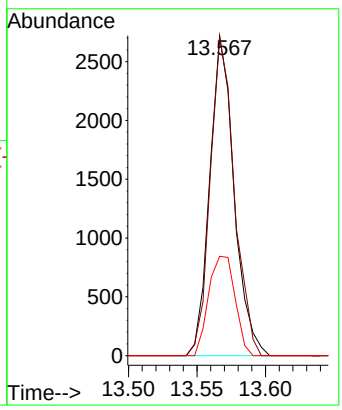




#93
1,2,4-Trichlorobenzene
Concen: 0.772 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:180 Resp: 335

Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.6	139.8
145	33.7	16.4	49.1



Instrument :
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ClientSampleId :
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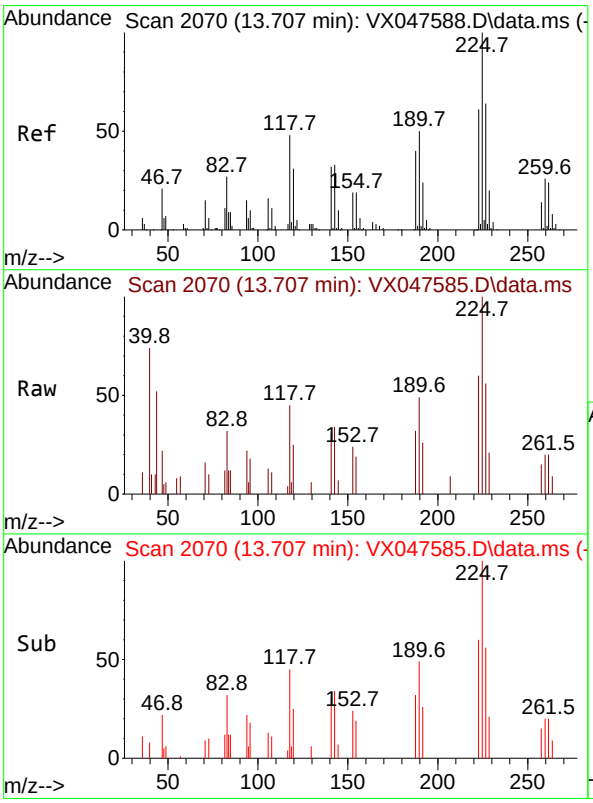
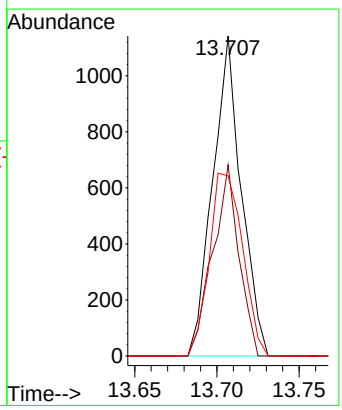
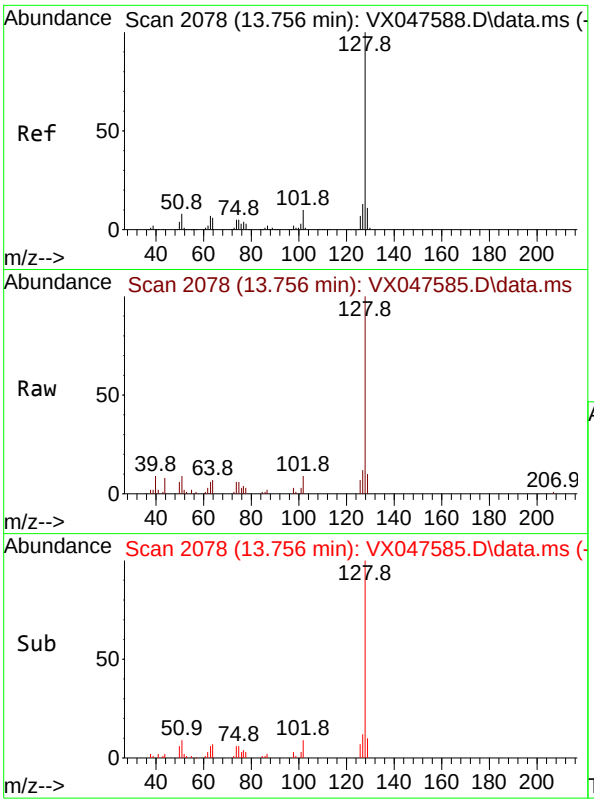


#94
Hexachlorobutadiene
Concen: 0.933 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:225 Resp: 1378

Ion	Ratio	Lower	Upper
225	100		
223	54.8	31.7	95.1
227	66.7	32.0	96.0

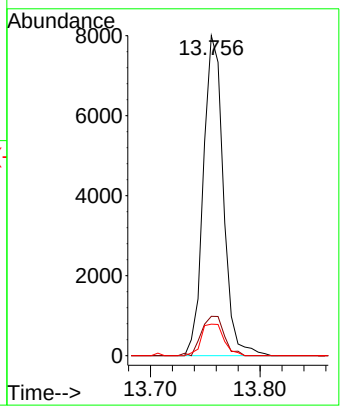




#95
Naphthalene
Concen: 0.763 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:128 Resp: 1011

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.2	8.8	13.2



Instrument :
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ClientSampleId :
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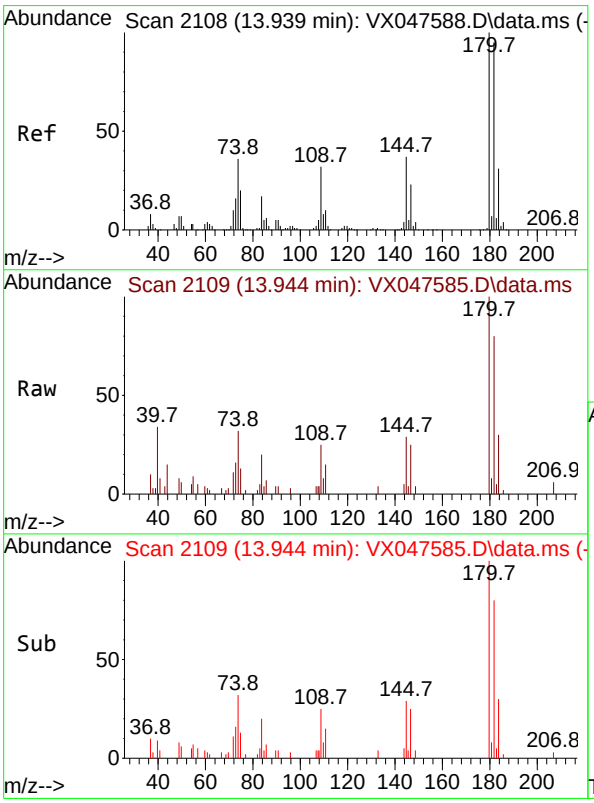
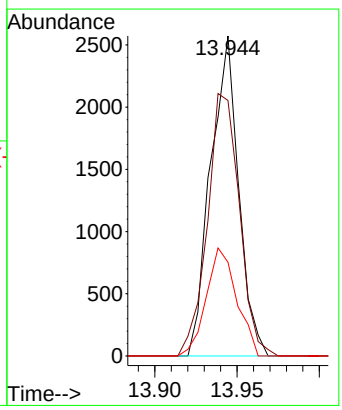


#96
1,2,3-Trichlorobenzene
Concen: 0.752 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:180 Resp: 3043

Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.6	142.8
145	36.6	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	198376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	355026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	317288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	156219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	17538	5.554	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.100%#		
35) Dibromofluoromethane	5.373	113	12647	5.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.620%#		
50) Toluene-d8	8.635	98	43926	5.332	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.660%#		
62) 4-Bromofluorobenzene	11.061	95	16974	5.429	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.860%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	11403	5.551	ug/l	93
3) Chloromethane	1.301	50	14854	5.502	ug/l	99
4) Vinyl Chloride	1.380	62	14147	5.353	ug/l	97
5) Bromomethane	1.618	94	9780	5.836	ug/l	87
6) Chloroethane	1.697	64	8926	5.053	ug/l	96
7) Trichlorofluoromethane	1.898	101	20497	5.223	ug/l	100
8) Diethyl Ether	2.136	74	8039	5.008	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	11729	5.112	ug/l	98
10) Methyl Iodide	2.453	142	17159	4.795	ug/l	98
11) Tert butyl alcohol	2.947	59	8399	23.883	ug/l	99
12) 1,1-Dichloroethene	2.325	96	12131	5.147	ug/l	91
13) Acrolein	2.239	56	7080	21.847	ug/l	95
14) Allyl chloride	2.666	41	25135	5.168	ug/l	99
15) Acrylonitrile	3.062	53	32587	25.016	ug/l	99
16) Acetone	2.374	43	41297	30.079	ug/l	97
17) Carbon Disulfide	2.514	76	34426	5.335	ug/l	100
18) Methyl Acetate	2.703	43	13357	4.371	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	44396	5.160	ug/l	98
20) Methylene Chloride	2.788	84	15307	5.267	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	13937	5.492	ug/l	97
22) Diisopropyl ether	3.757	45	50213	5.327	ug/l	98
23) Vinyl Acetate	3.715	43	192175	25.474	ug/l	99
24) 1,1-Dichloroethane	3.611	63	26292	5.248	ug/l	97
25) 2-Butanone	4.544	43	46651	27.240	ug/l	92
26) 2,2-Dichloropropane	4.465	77	21738	5.220	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	15996	5.147	ug/l	98
28) Bromochloromethane	4.891	49	12047	5.508	ug/l	95
29) Tetrahydrofuran	4.995	42	26729	25.944	ug/l	92
30) Chloroform	5.080	83	27054	5.344	ug/l	99
31) Cyclohexane	5.458	56	23032	5.520	ug/l	94
32) 1,1,1-Trichloroethane	5.367	97	22279	5.188	ug/l	96
36) 1,1-Dichloropropene	5.684	75	18455	5.304	ug/l	98
37) Ethyl Acetate	4.708	43	19913	5.345	ug/l #	97
38) Carbon Tetrachloride	5.666	117	20376	5.390	ug/l	96
39) Methylcyclohexane	7.367	83	20900	5.292	ug/l	97
40) Benzene	6.019	78	55996	5.299	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	9390	4.883	ug/l		95
42) 1,2-Dichloroethane	6.074	62	21117	5.252	ug/l		99
43) Isopropyl Acetate	6.324	43	31304	5.124	ug/l		99
44) Trichloroethene	7.111	130	13576	5.314	ug/l		97
45) 1,2-Dichloropropane	7.415	63	14305	5.287	ug/l		99
46) Dibromomethane	7.568	93	10133	5.146	ug/l		99
47) Bromodichloromethane	7.806	83	21270	5.235	ug/l		99
48) Methyl methacrylate	7.677	41	14959	4.915	ug/l		99
49) 1,4-Dioxane	7.653	88	3017	98.096	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.555	43	87492	25.828	ug/l		100
52) Toluene	8.702	92	34314	5.271	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	20863	5.034	ug/l		97
54) cis-1,3-Dichloropropene	8.354	75	23157	5.227	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	12968	5.166	ug/l		91
56) Ethyl methacrylate	9.104	69	19980	5.068	ug/l		97
57) 1,3-Dichloropropane	9.293	76	22989	5.331	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	37585	27.899	ug/l		98
59) 2-Hexanone	9.415	43	66356	27.275	ug/l		99
60) Dibromochloromethane	9.506	129	14705	5.084	ug/l		95
61) 1,2-Dibromoethane	9.592	107	13461	5.264	ug/l		98
64) Tetrachloroethene	9.256	164	11228	5.428	ug/l		97
65) Chlorobenzene	10.061	112	37507	5.203	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.147	131	12807	5.149	ug/l		99
67) Ethyl Benzene	10.177	91	65908	5.299	ug/l		100
68) m/p-Xylenes	10.287	106	49132	10.613	ug/l		99
69) o-Xylene	10.628	106	23300	5.204	ug/l		98
70) Styrene	10.640	104	40872	5.210	ug/l		99
71) Bromoform	10.781	173	9298	5.006	ug/l	#	97
73) Isopropylbenzene	10.945	105	61029	5.139	ug/l		100
74) N-amyl acetate	10.823	43	26969	4.980	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	18462	5.138	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	15982m	4.927	ug/l		
77) Bromobenzene	11.183	156	15066	5.150	ug/l		99
78) n-propylbenzene	11.287	91	72900	5.192	ug/l		100
79) 2-Chlorotoluene	11.348	91	44663	5.194	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	50535	5.179	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	5413	4.364	ug/l		91
82) 4-Chlorotoluene	11.439	91	52294	5.149	ug/l		100
83) tert-Butylbenzene	11.695	119	50350	5.041	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	51583	5.214	ug/l		100
85) sec-Butylbenzene	11.872	105	62507	5.268	ug/l		99
86) p-Isopropyltoluene	11.994	119	52674	5.244	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	28116	5.175	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	29519	5.294	ug/l		93
89) n-Butylbenzene	12.317	91	47953	5.159	ug/l		99
90) Hexachloroethane	12.518	117	8830	5.007	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	26409	5.102	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	3412	4.690	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	17167	5.103	ug/l		98
94) Hexachlorobutadiene	13.707	225	5894	5.158	ug/l		99
95) Naphthalene	13.756	128	49257	4.808	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	15400	4.921	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

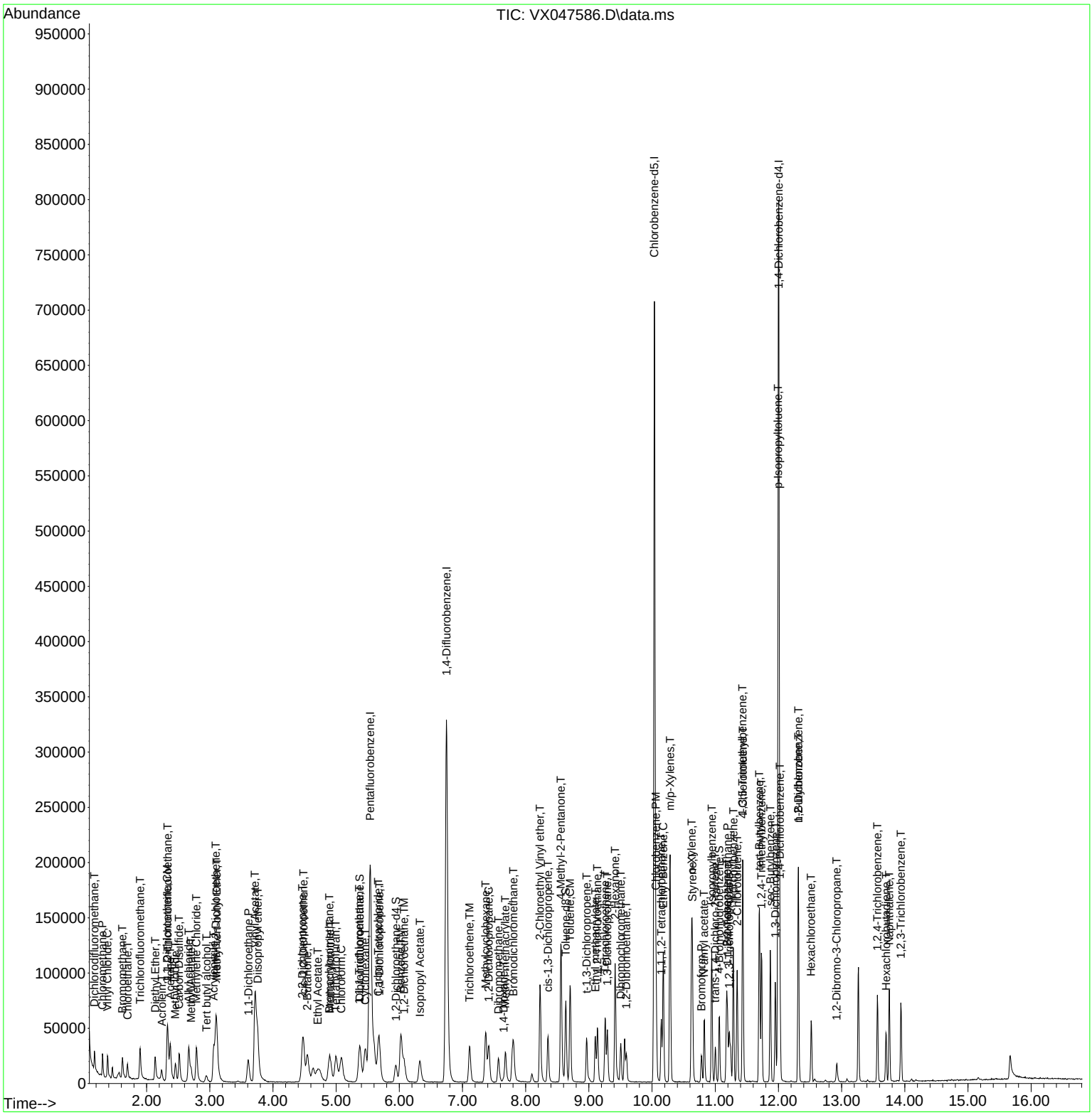
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

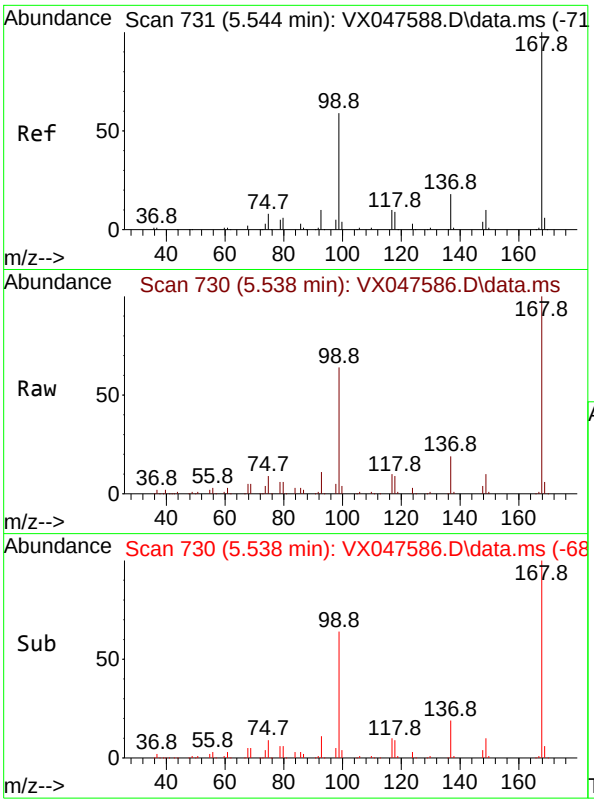
Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

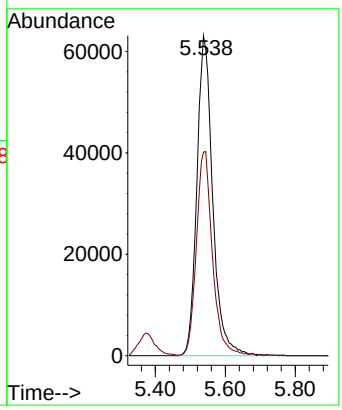




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:168 Resp: 19837

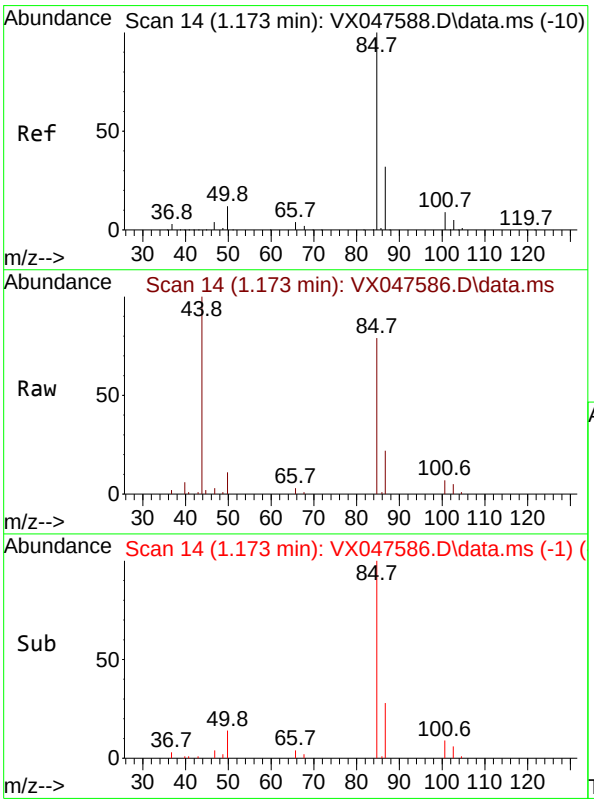
Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

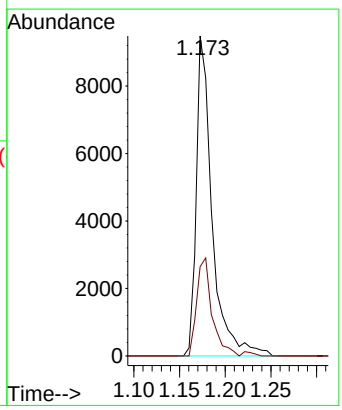
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

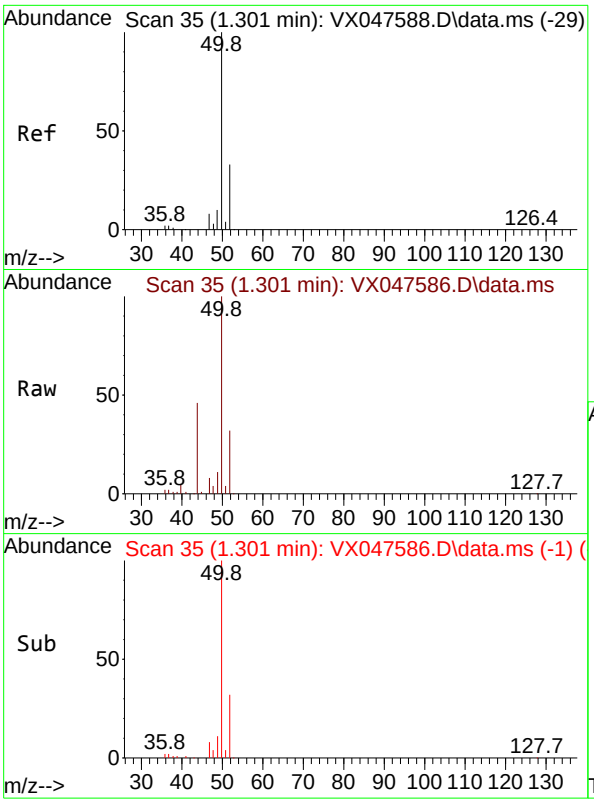


#2
Dichlorodifluoromethane
Concen: 5.551 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 85 Resp: 11403

Ion	Ratio	Lower	Upper
85	100		
87	27.9	15.8	47.3

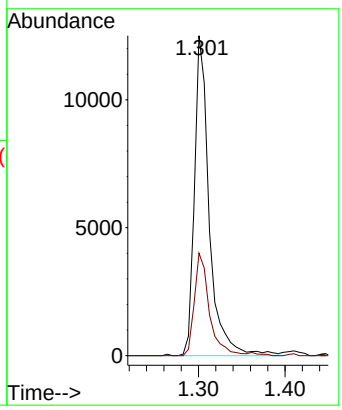




#3
Chloromethane
Concen: 5.502 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 50 Resp: 1485

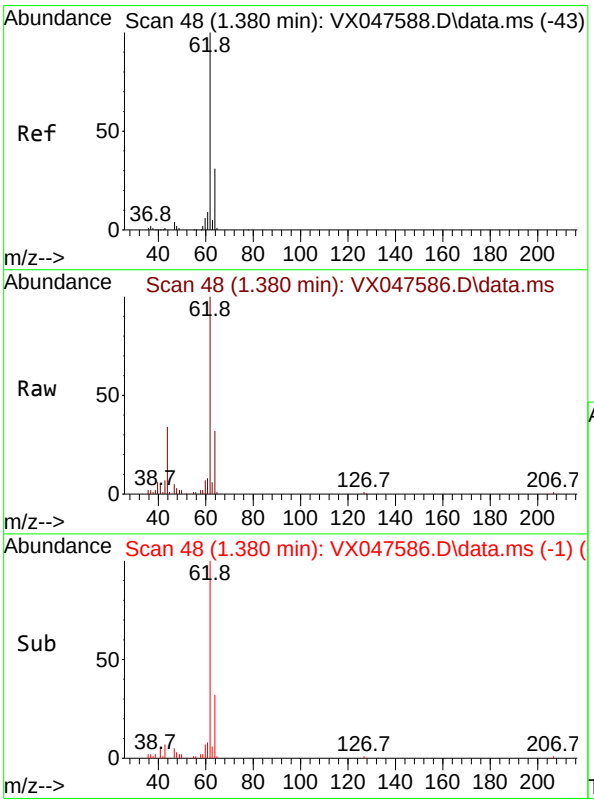
Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

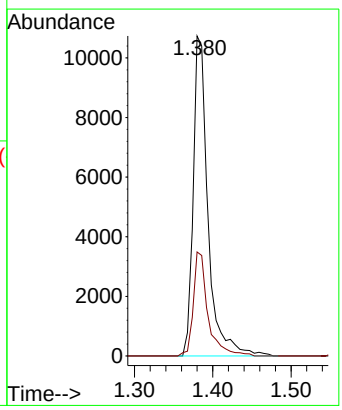
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

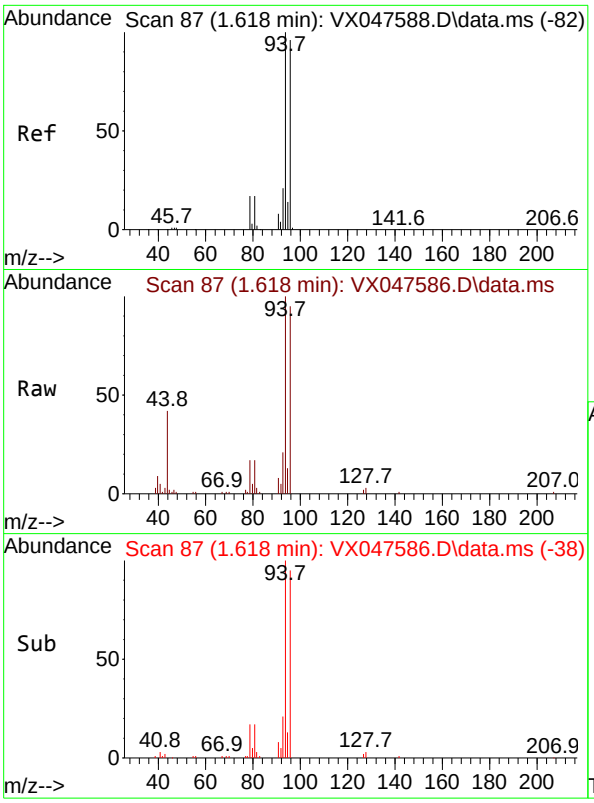


#4
Vinyl Chloride
Concen: 5.353 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 14147

Ion	Ratio	Lower	Upper
62	100		
64	32.5	24.9	37.3

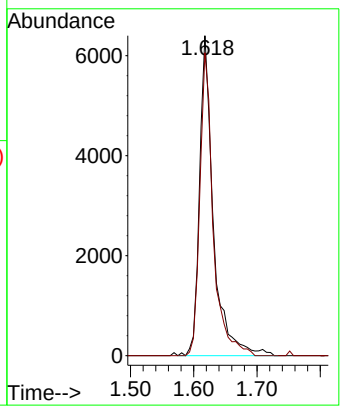




#5
Bromomethane
Concen: 5.836 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 94 Resp: 978

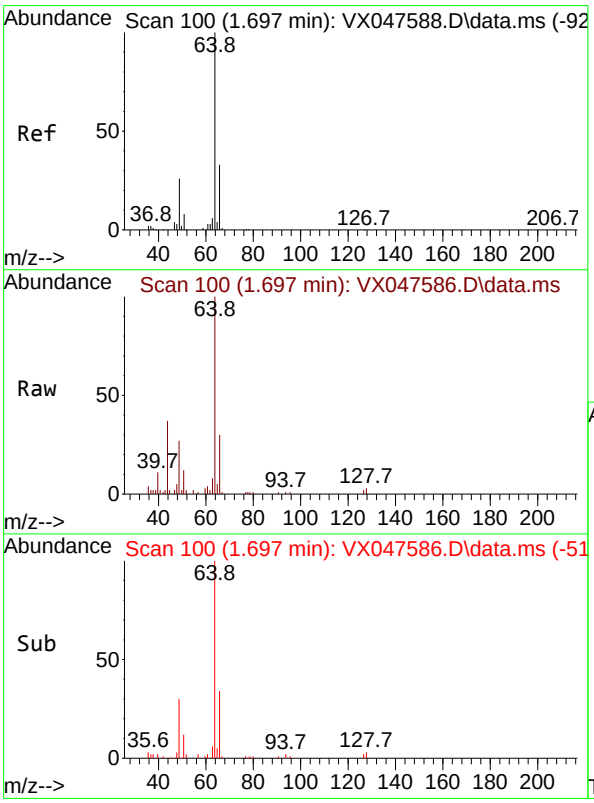
Ion	Ratio	Lower	Upper
94	100		
96	83.6	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

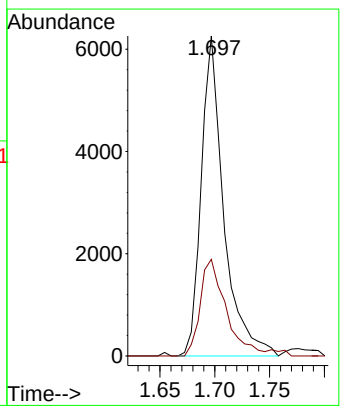
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

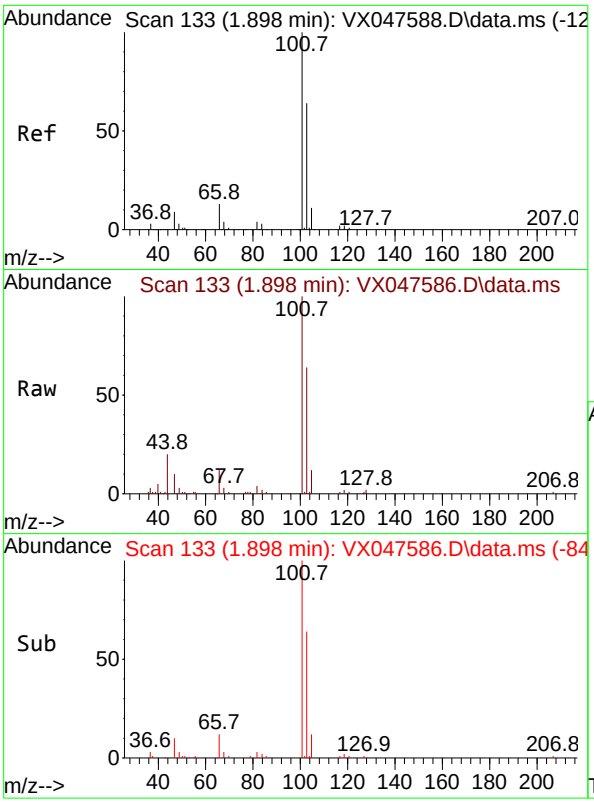


#6
Chloroethane
Concen: 5.053 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 64 Resp: 8926

Ion	Ratio	Lower	Upper
64	100		
66	30.2	26.1	39.1

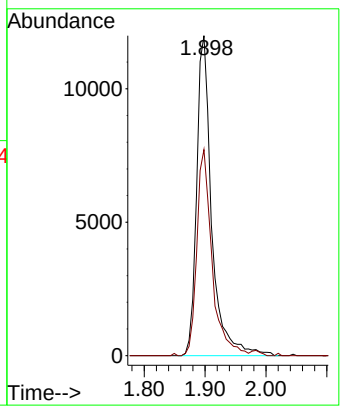




#7
Trichlorofluoromethane
Concen: 5.223 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:101 Resp: 2049

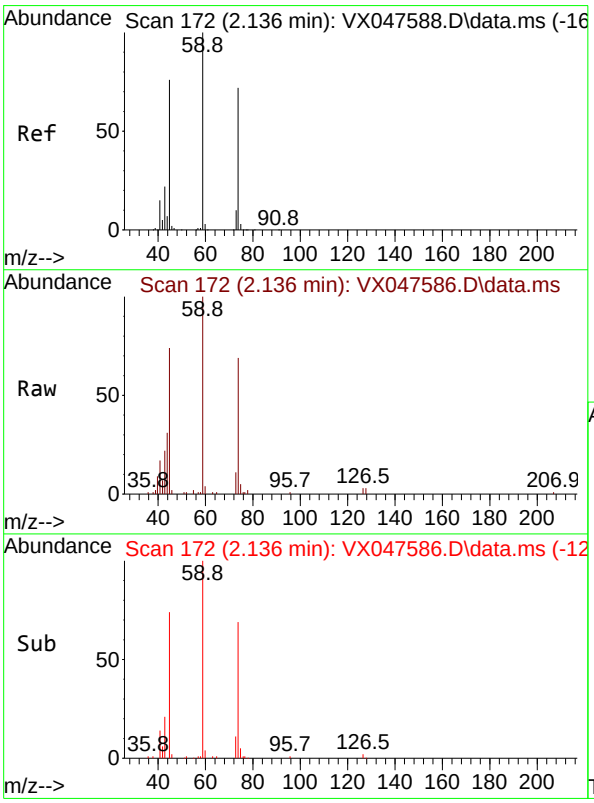
Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

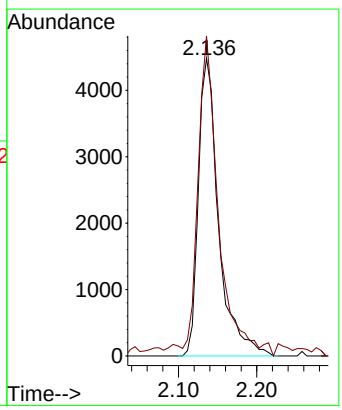
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

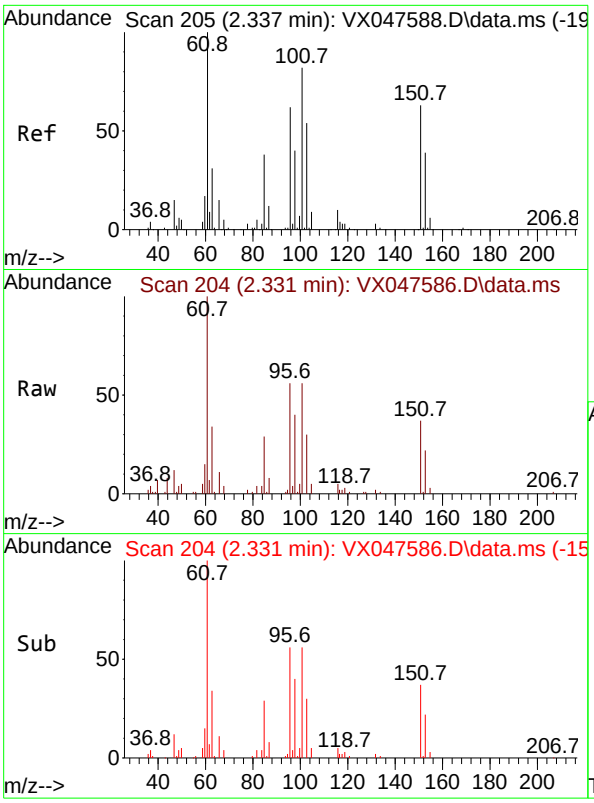


#8
Diethyl Ether
Concen: 5.008 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 74 Resp: 8039

Ion	Ratio	Lower	Upper
74	100		
45	111.7	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.112 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

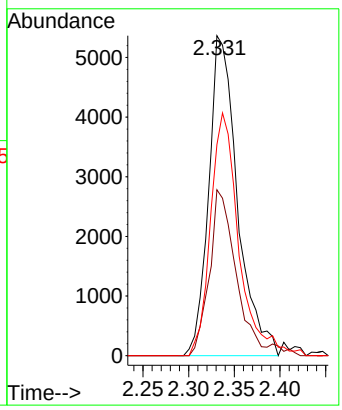
Tgt Ion:101 Resp: 1172

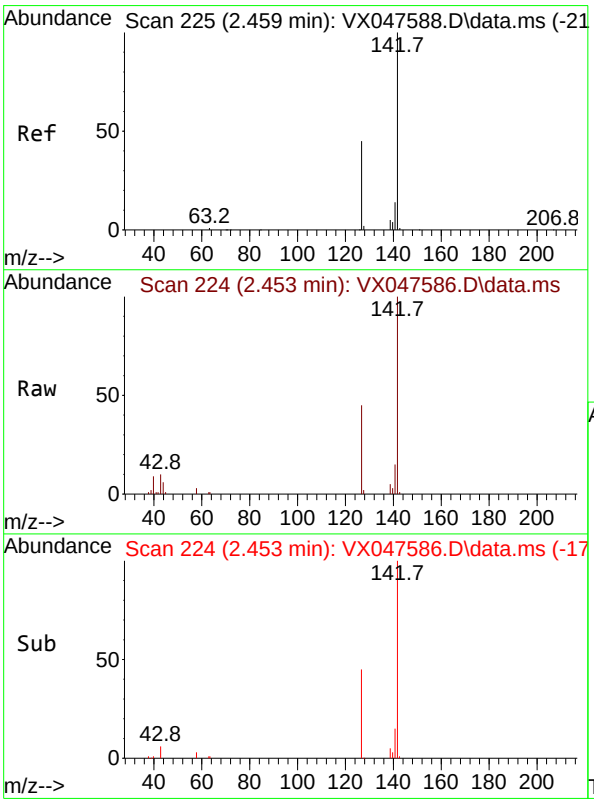
Ion	Ratio	Lower	Upper
101	100		
85	47.5	35.5	53.3
151	75.0	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

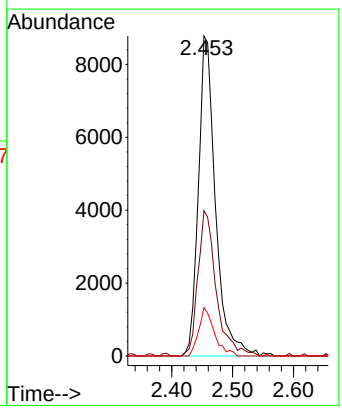


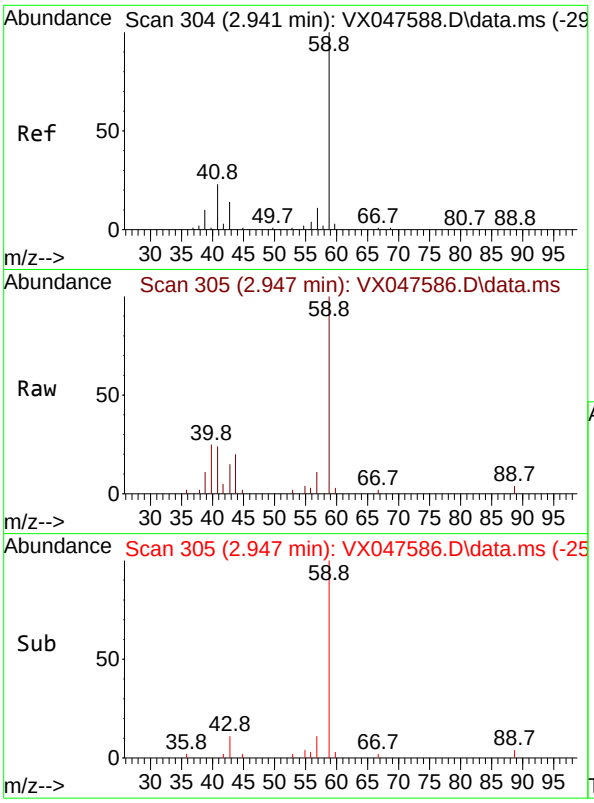


#10
Methyl Iodide
Concen: 4.795 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:142 Resp: 17159

Ion	Ratio	Lower	Upper
142	100		
127	48.4	37.2	55.8
141	13.8	11.4	17.0

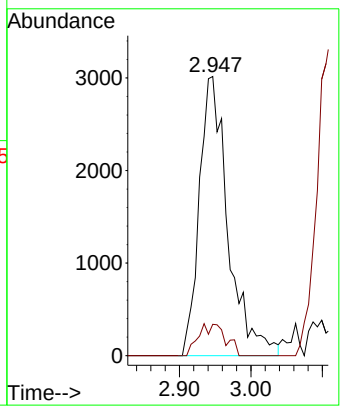




#11
Tert butyl alcohol
Concen: 23.883 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 59 Resp: 839

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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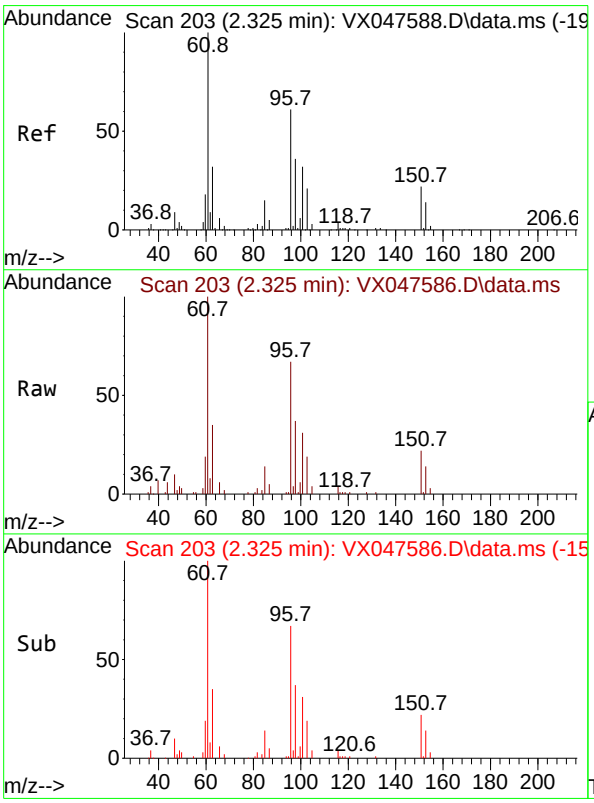
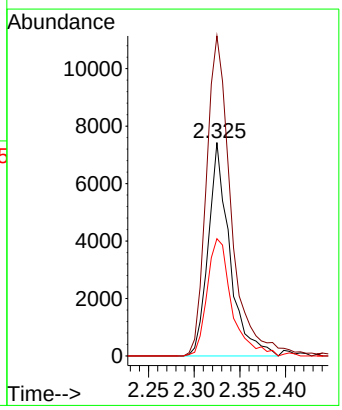
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

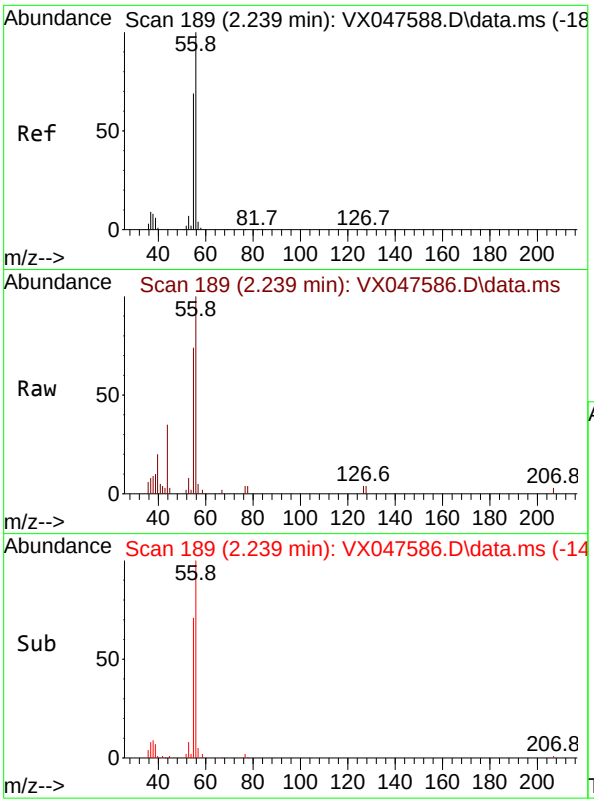


#12
1,1-Dichloroethene
Concen: 5.147 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 12131

Ion	Ratio	Lower	Upper
96	100		
61	149.9	131.0	196.6
98	54.9	47.7	71.5

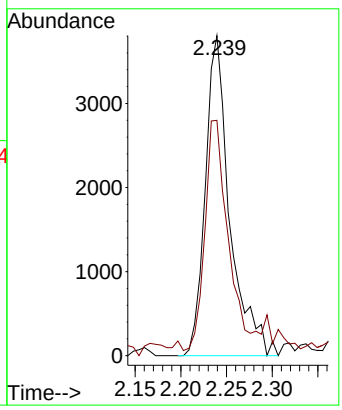




#13
Acrolein
Concen: 21.847 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 56 Resp: 708

Ion	Ratio	Lower	Upper
56	100		
55	67.1	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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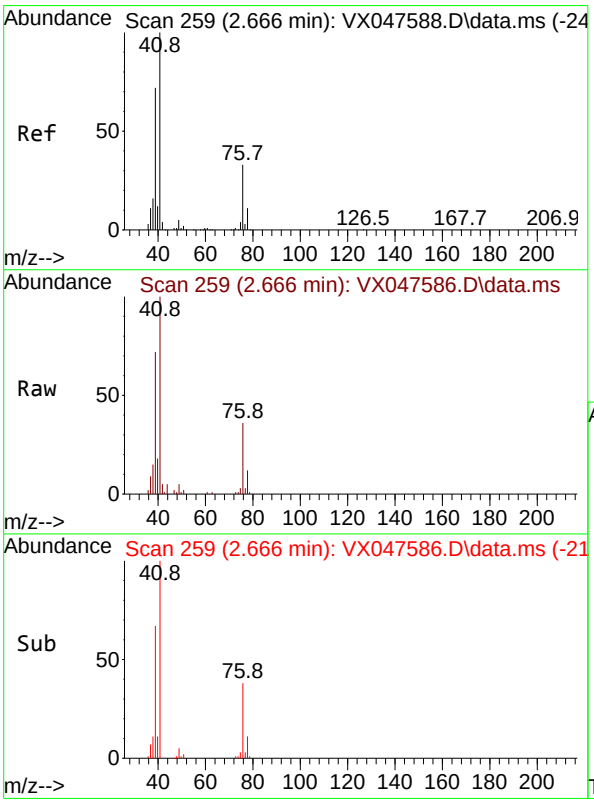
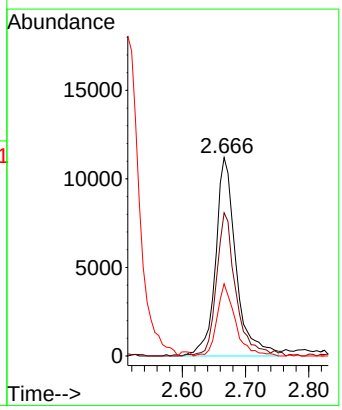
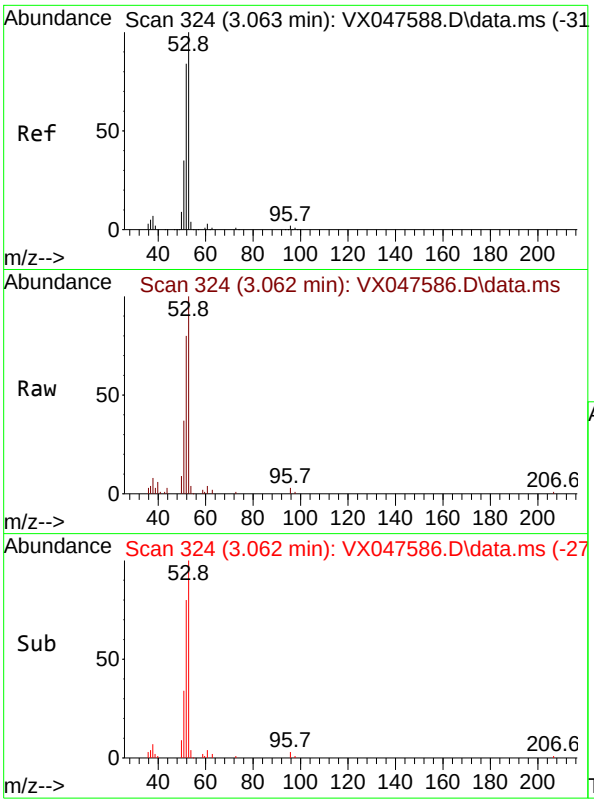


#14
Allyl chloride
Concen: 5.168 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 25135

Ion	Ratio	Lower	Upper
41	100		
39	69.1	54.7	82.1
76	32.4	25.7	38.5

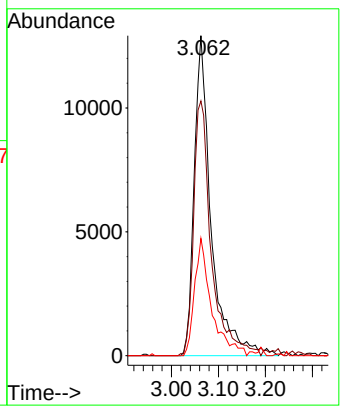




#15
Acrylonitrile
Concen: 25.016 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 53 Resp: 3258

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.4	99.6
51	36.5	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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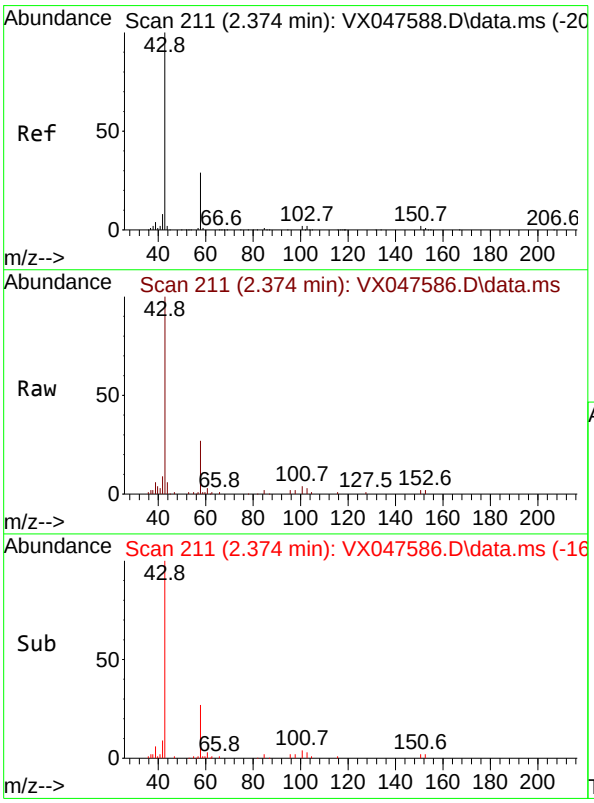
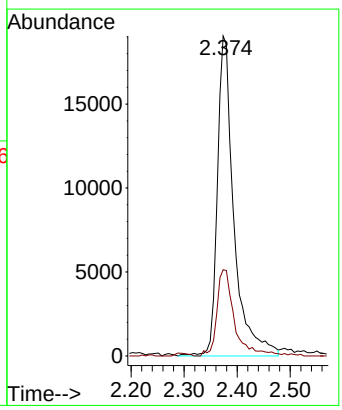
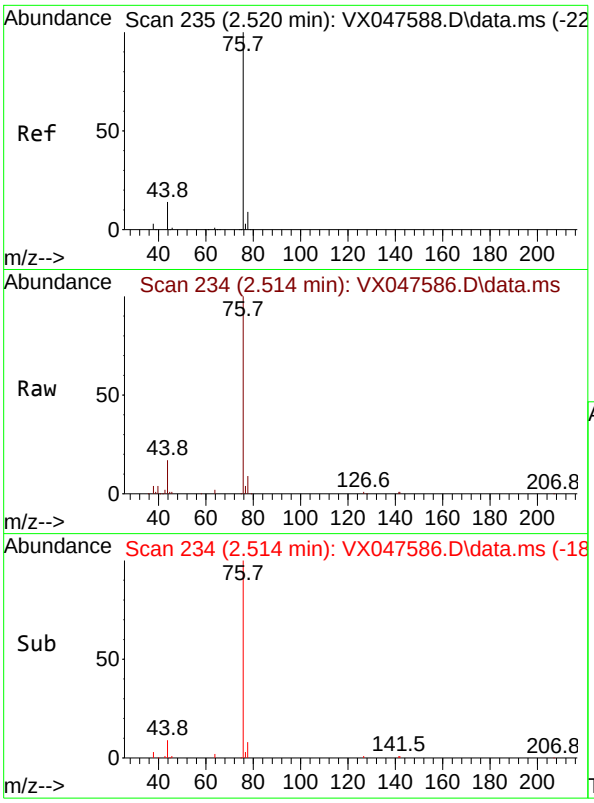


#16
Acetone
Concen: 30.079 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 41297

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.4	35.0

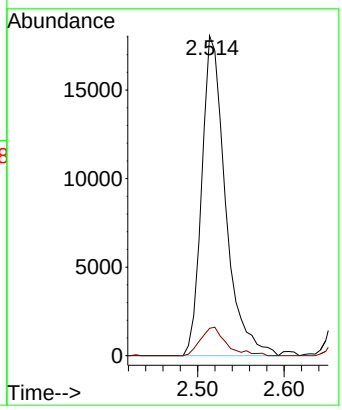




#17
Carbon Disulfide
Concen: 5.335 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 76 Resp: 3442

Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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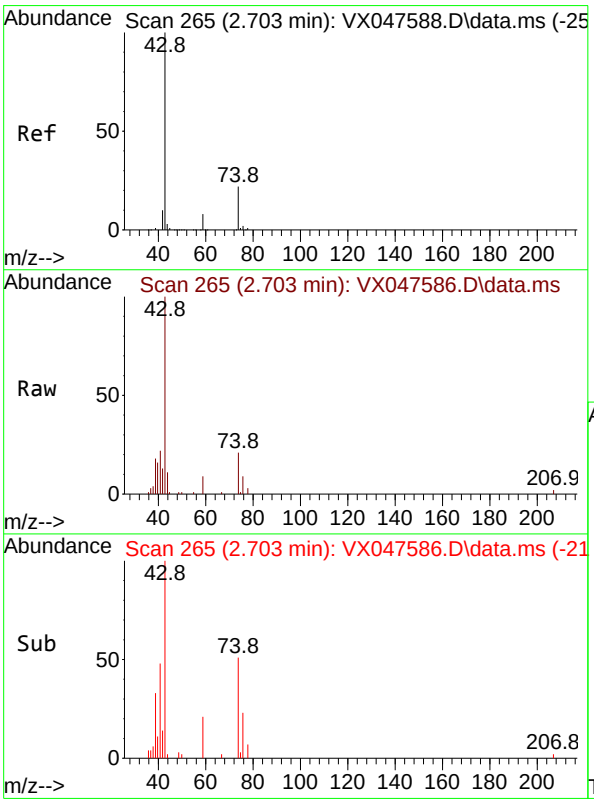
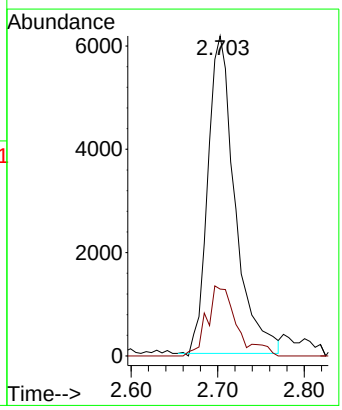
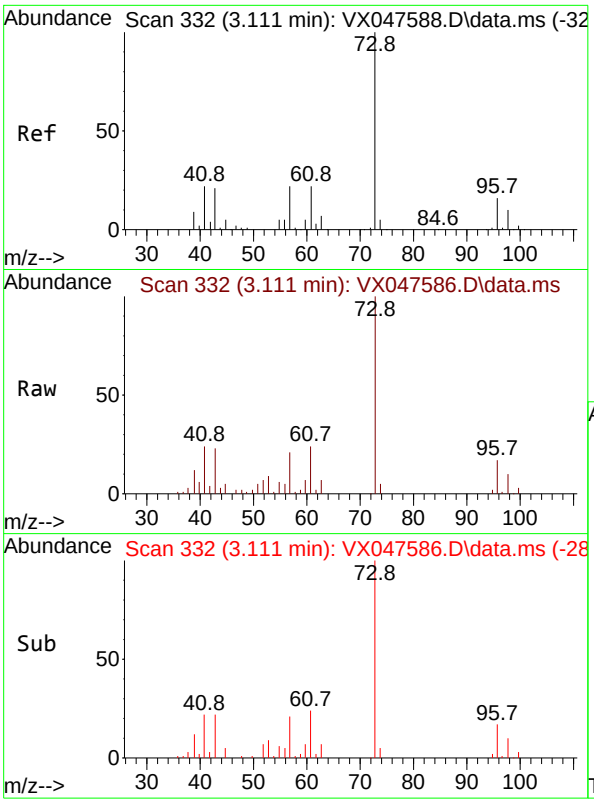


#18
Methyl Acetate
Concen: 4.371 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 13357

Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.4	26.2

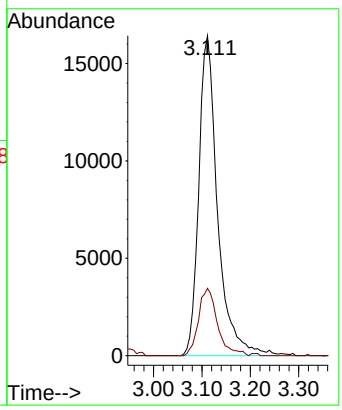




#19
Methyl tert-butyl Ether
Concen: 5.160 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 73 Resp: 4439

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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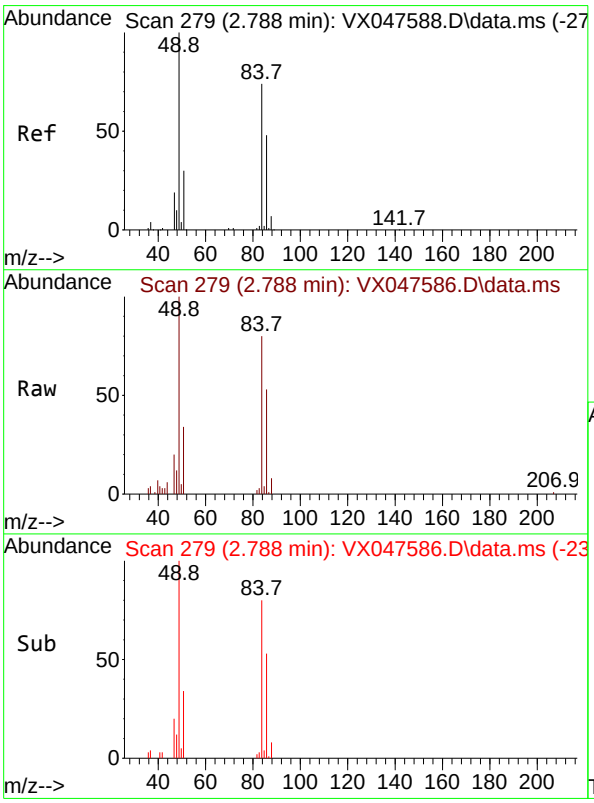
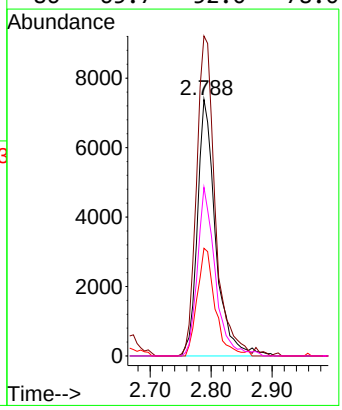
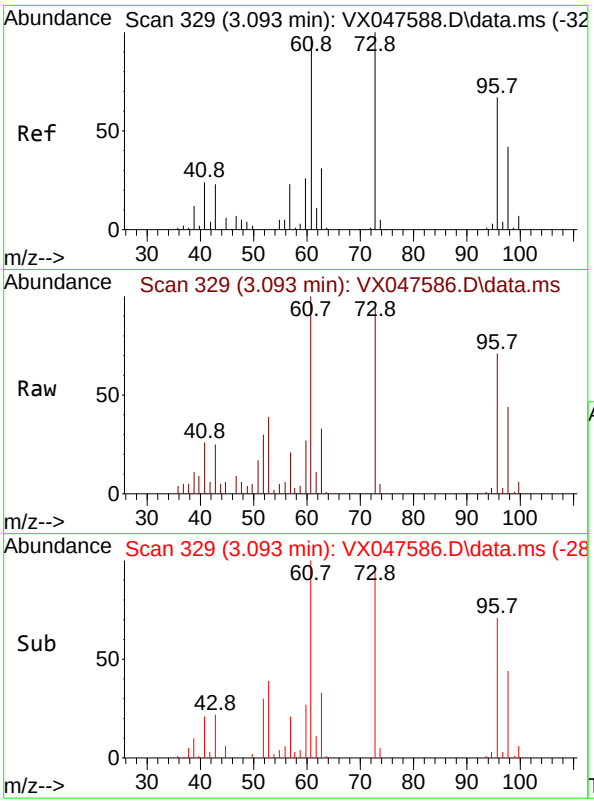


#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 84 Resp: 15307

Ion	Ratio	Lower	Upper
84	100		
49	124.7	108.6	162.8
51	42.0	32.6	48.8
86	65.7	52.0	78.0

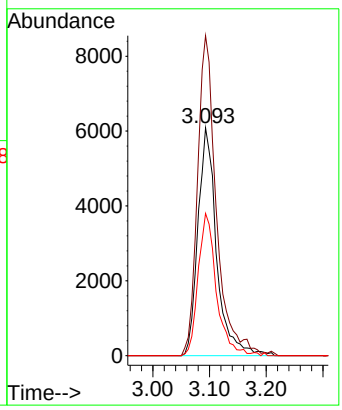




#21
trans-1,2-Dichloroethene
Concen: 5.492 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 1393

Ion	Ratio	Lower	Upper
96	100		
61	140.4	116.2	174.2
98	62.4	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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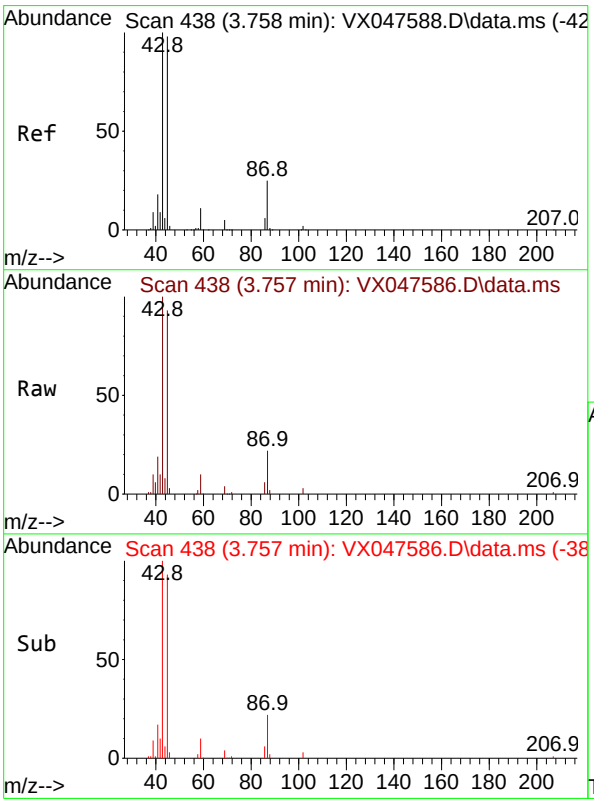
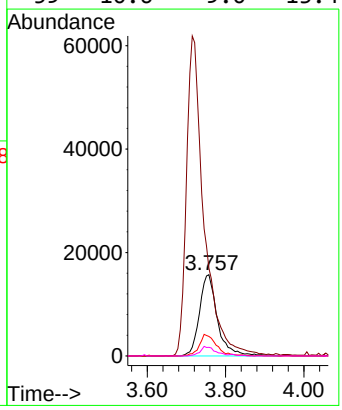
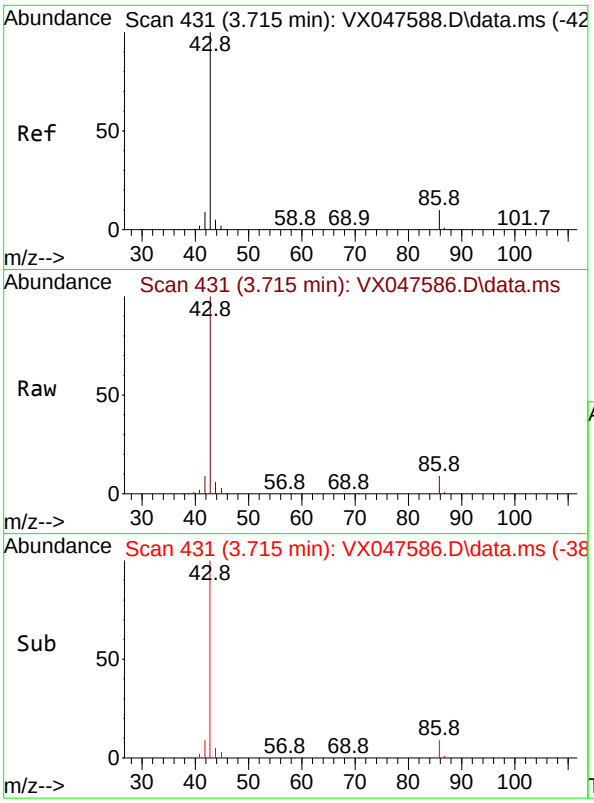


#22
Diisopropyl ether
Concen: 5.327 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 45 Resp: 50213

Ion	Ratio	Lower	Upper
45	100		
43	102.8	81.0	121.4
87	23.3	20.3	30.5
59	10.6	9.0	13.4





#23
Vinyl Acetate
Concen: 25.474 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 19217

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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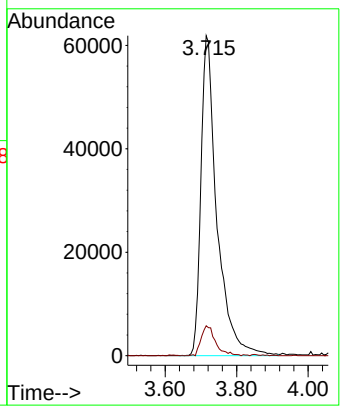
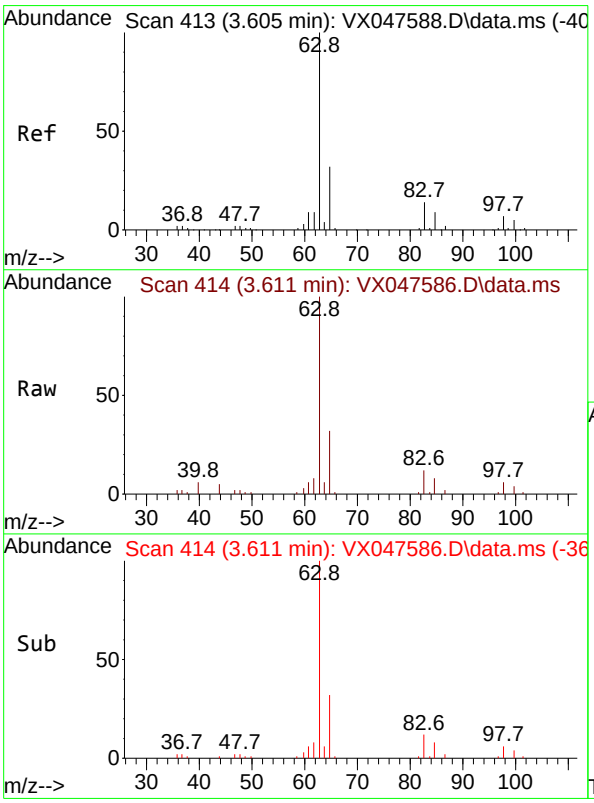
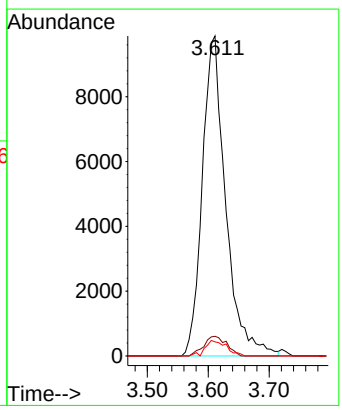


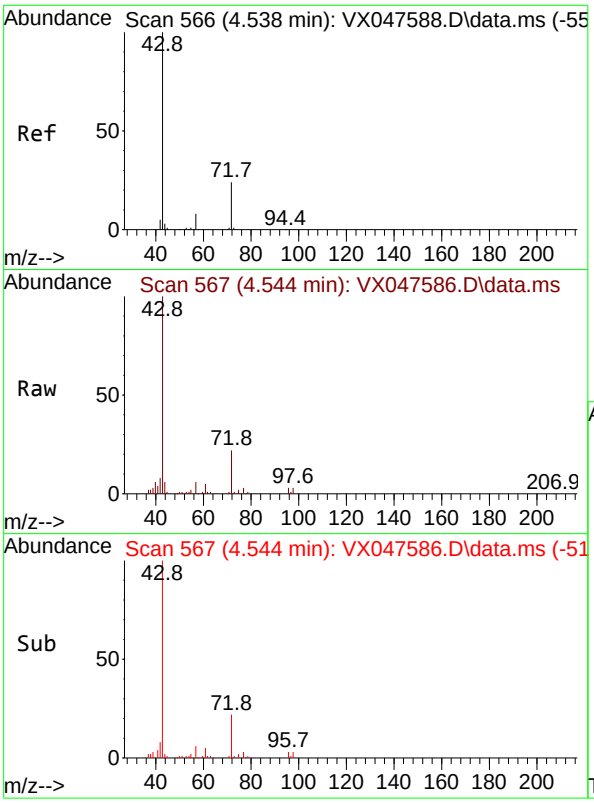


#24
1,1-Dichloroethane
Concen: 5.248 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 26292

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.2
100	4.4	2.3	6.9





#25
2-Butanone
Concen: 27.240 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 4665

Ion	Ratio	Lower	Upper
43	100		
72	21.3	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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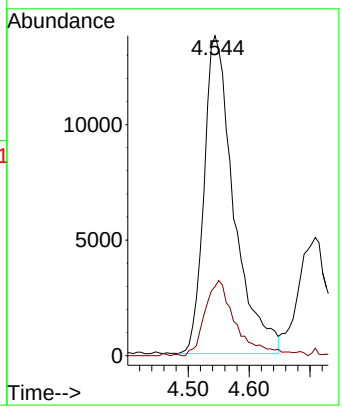
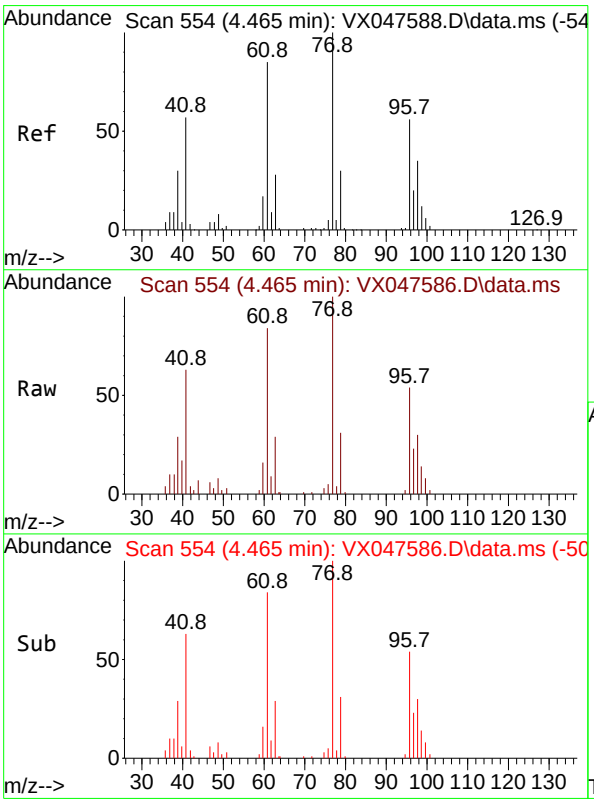
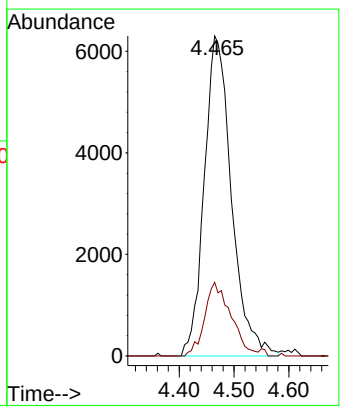


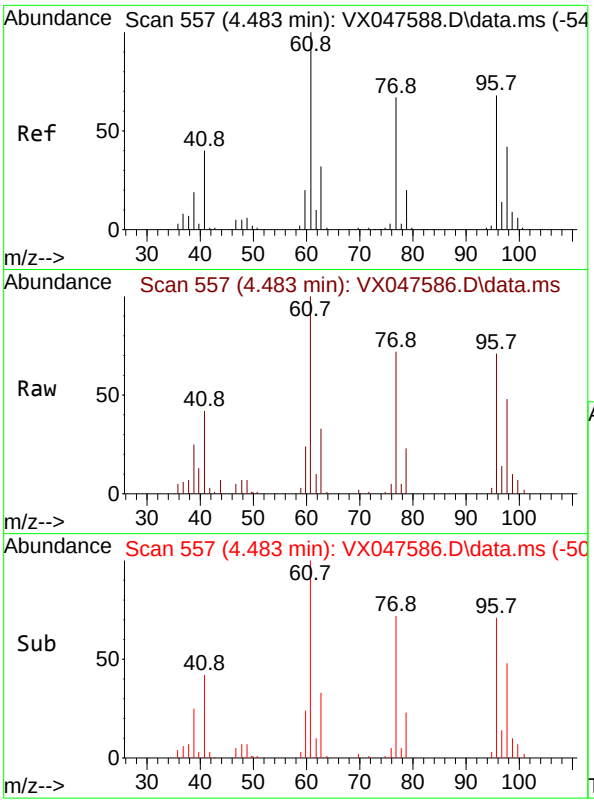


#26
2,2-Dichloropropane
Concen: 5.220 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 77 Resp: 21738

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7

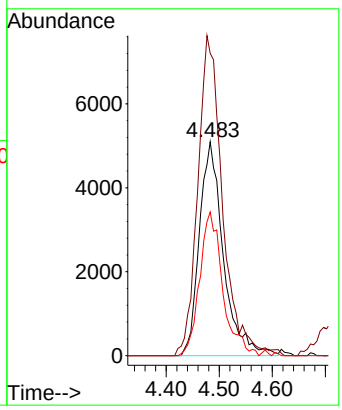




#27
cis-1,2-Dichloroethene
Concen: 5.147 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 96 Resp: 1599

Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	303.2
98	64.8	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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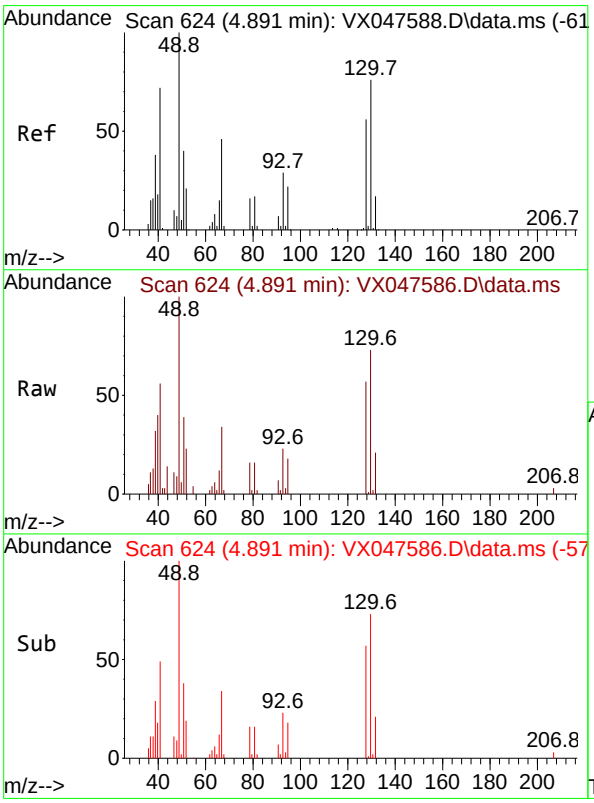
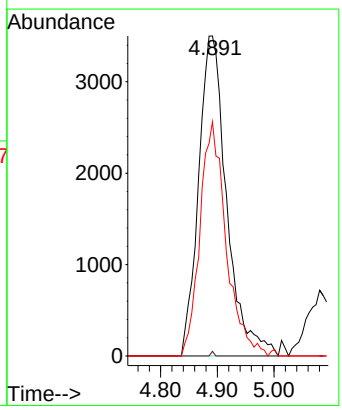
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

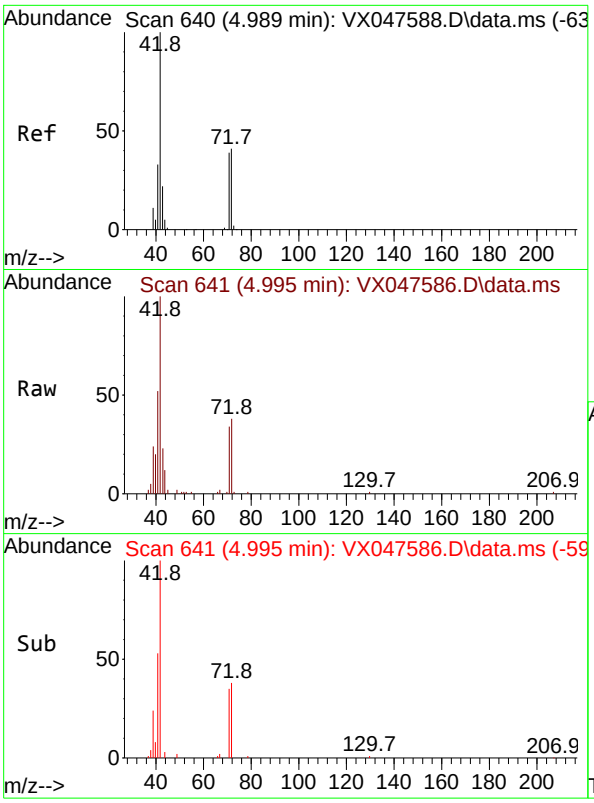


#28
Bromochloromethane
Concen: 5.508 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 49 Resp: 12047

Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	3.2
130	68.0	57.8	86.8





#29
Tetrahydrofuran
Concen: 25.944 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 42 Resp: 2672

Ion	Ratio	Lower	Upper
42	100		
72	38.7	34.2	51.2
71	34.1	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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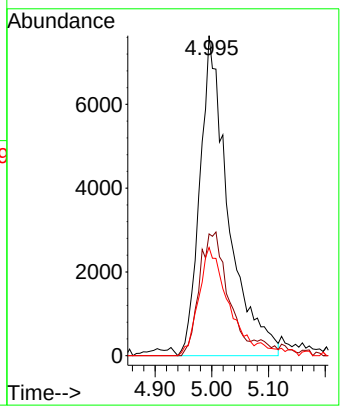
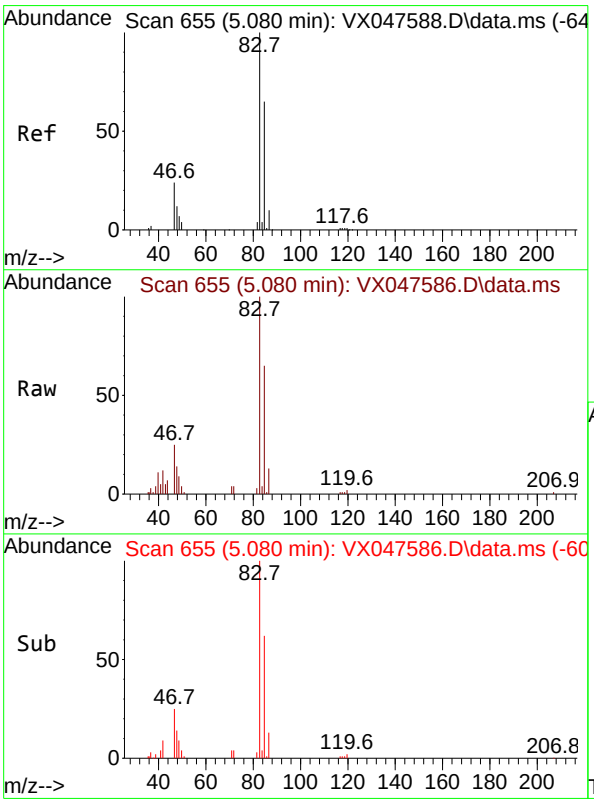
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

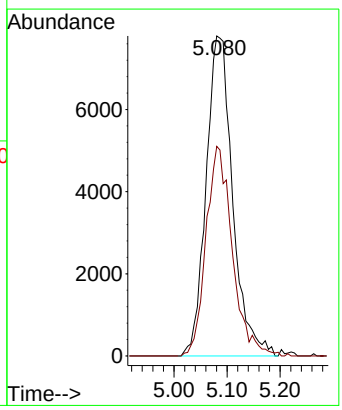


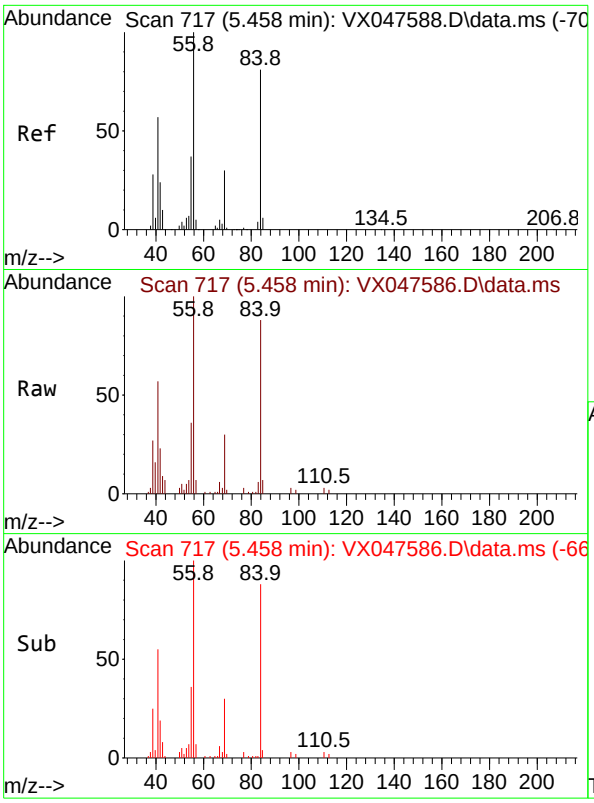


#30
Chloroform
Concen: 5.344 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 27054

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.6

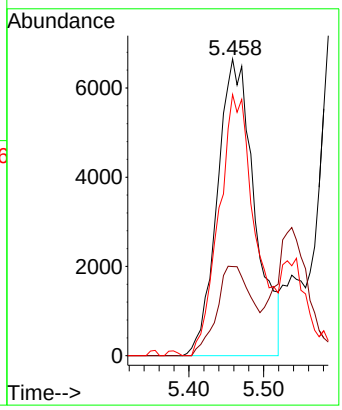




#31
Cyclohexane
Concen: 5.520 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 56 Resp: 2303

Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.8	35.8
84	87.1	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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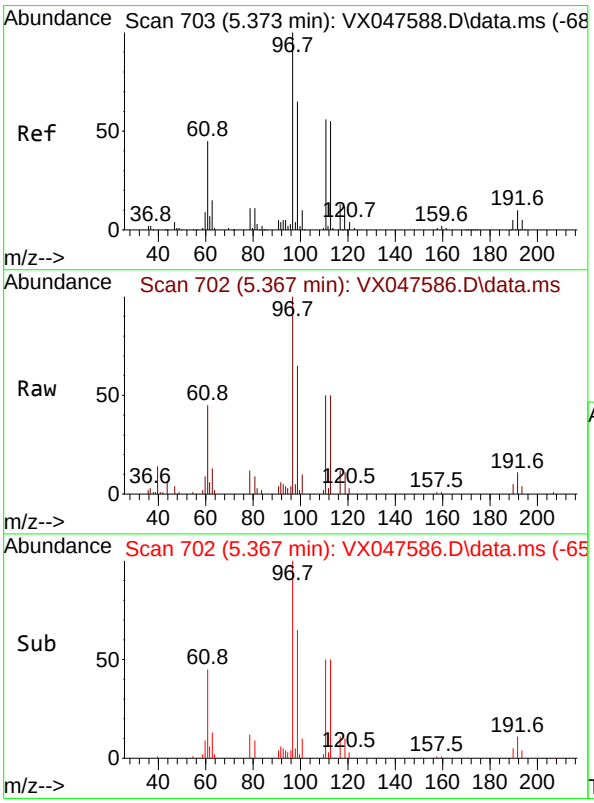
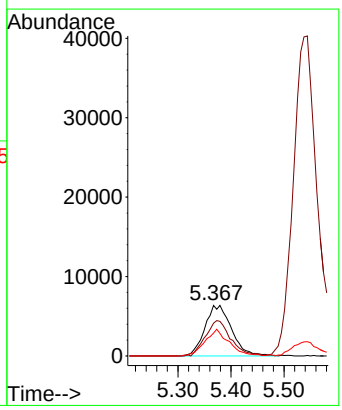
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

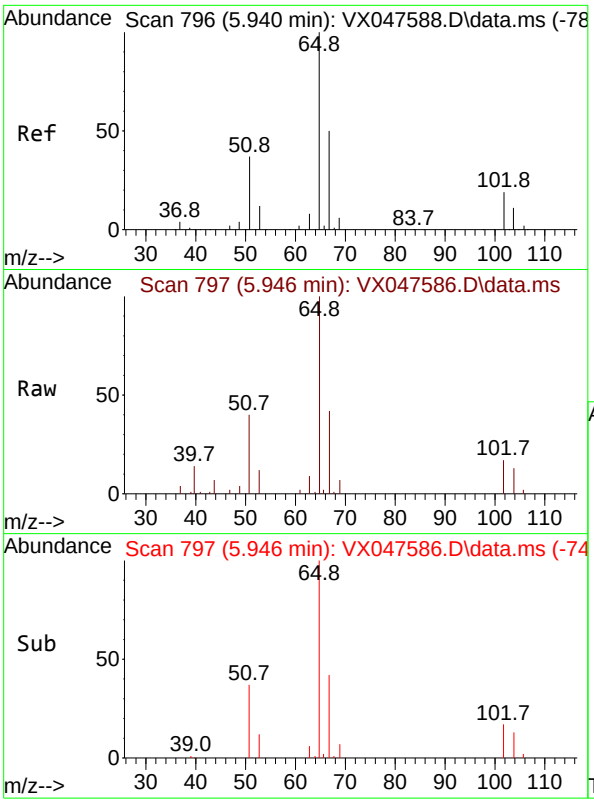


#32
1,1,1-Trichloroethane
Concen: 5.188 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 97 Resp: 22279

Ion	Ratio	Lower	Upper
97	100		
99	66.4	50.6	76.0
61	47.4	35.8	53.8

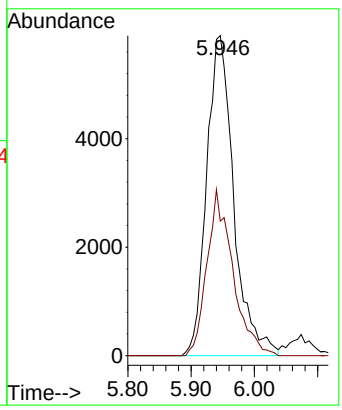




#33
1,2-Dichloroethane-d4
Concen: 5.554 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 65 Resp: 1753

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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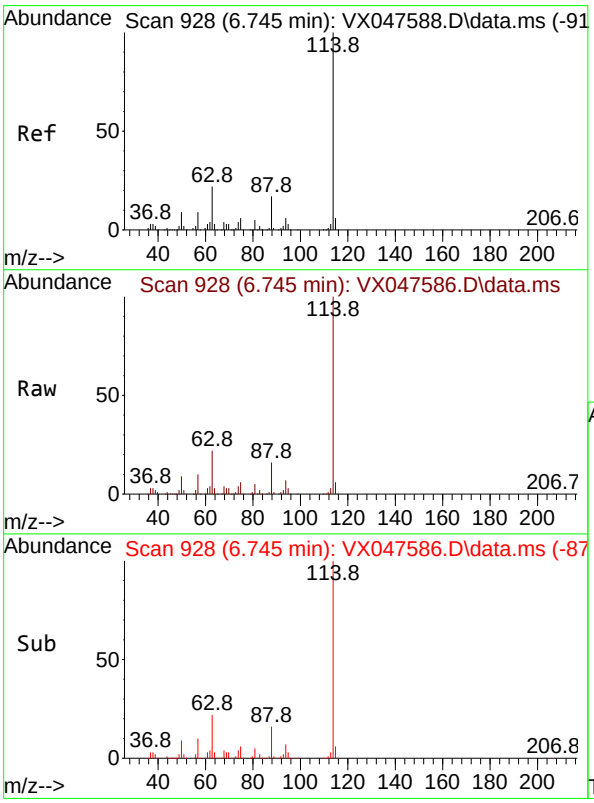
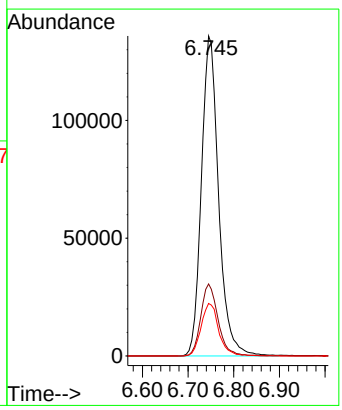
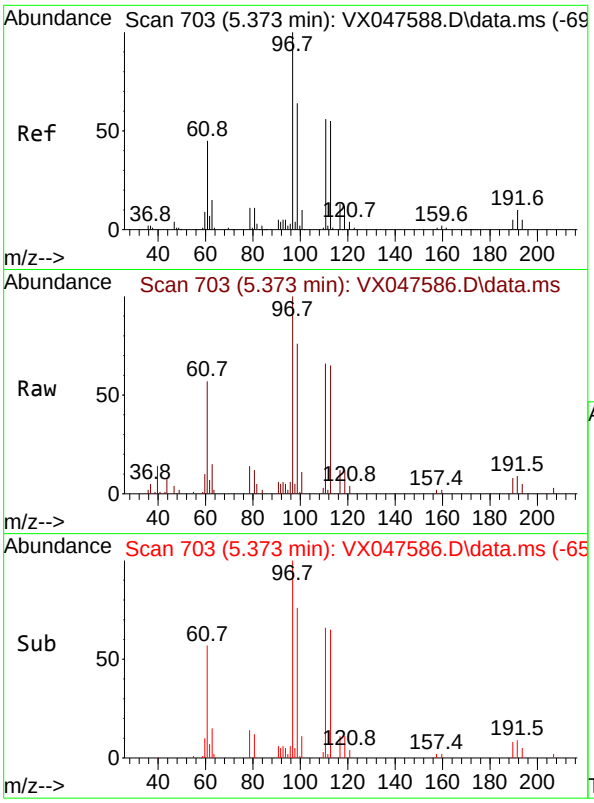


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:114 Resp: 355026

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	16.4	0.0	34.2

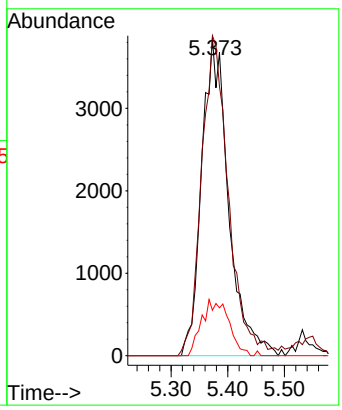




#35
Dibromofluoromethane
Concen: 5.312 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:113 Resp: 1264

Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.9	121.3
192	17.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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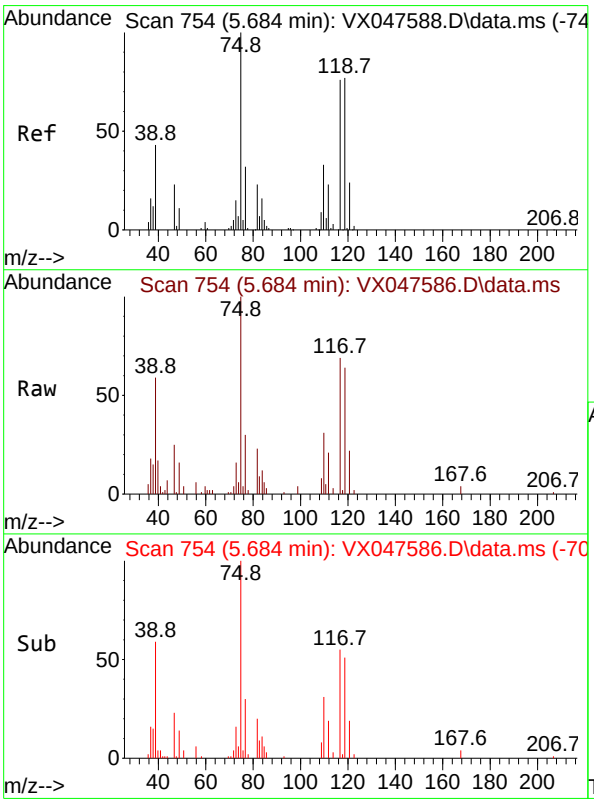
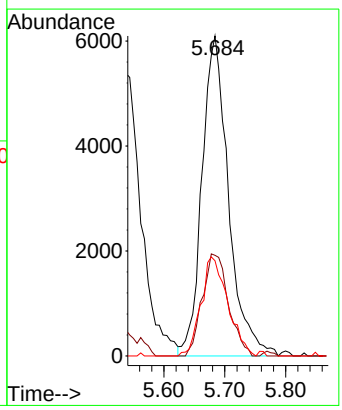
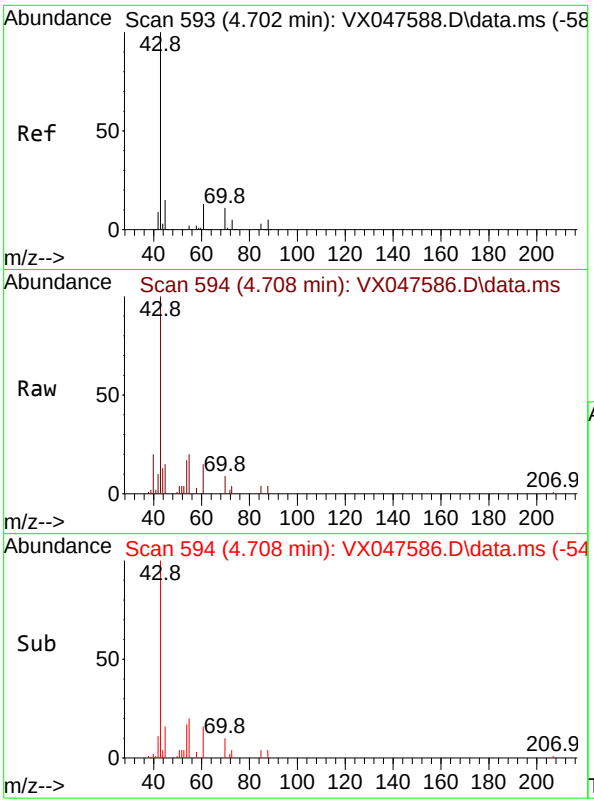


#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 18455

Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.7	50.1
77	31.0	24.3	36.5

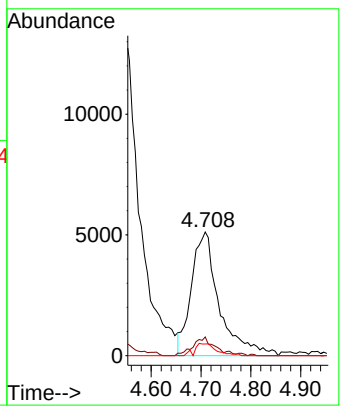




#37
Ethyl Acetate
Concen: 5.345 ug/l
RT: 4.708 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 1991

Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.8	14.8
70	7.6	7.9	11.9#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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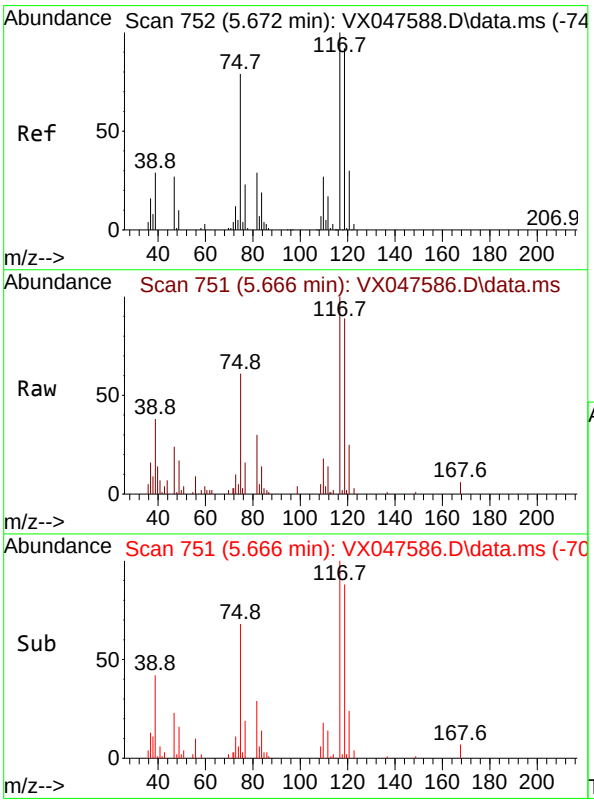
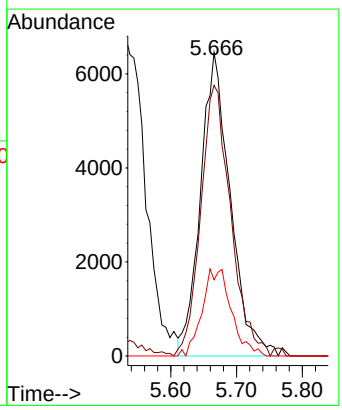
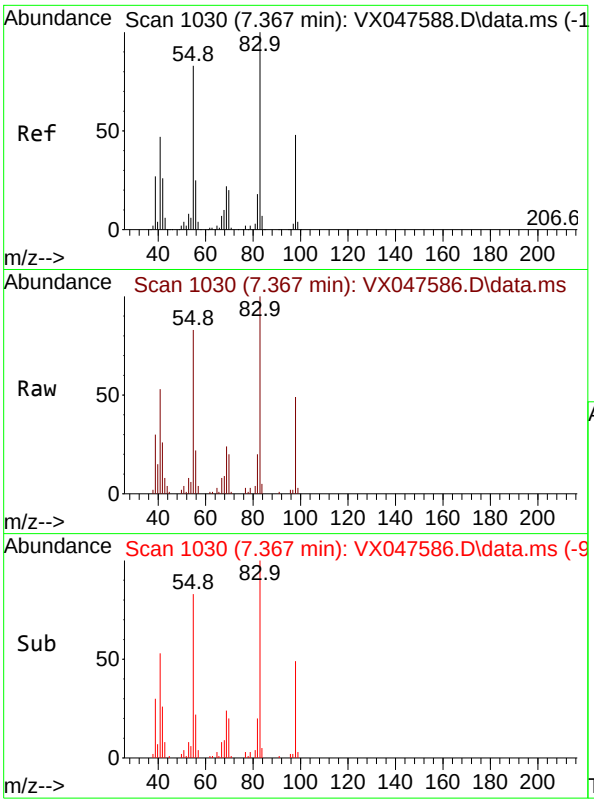


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 20376

Ion	Ratio	Lower	Upper
117	100		
119	88.9	73.4	110.2
121	25.1	23.8	35.6

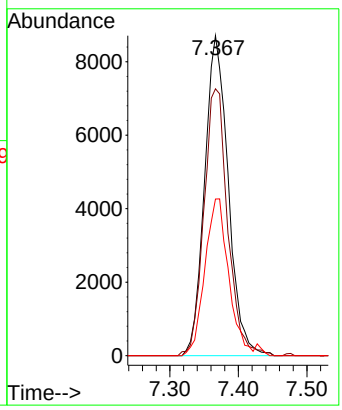




#39
Methylcyclohexane
Concen: 5.292 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 2090

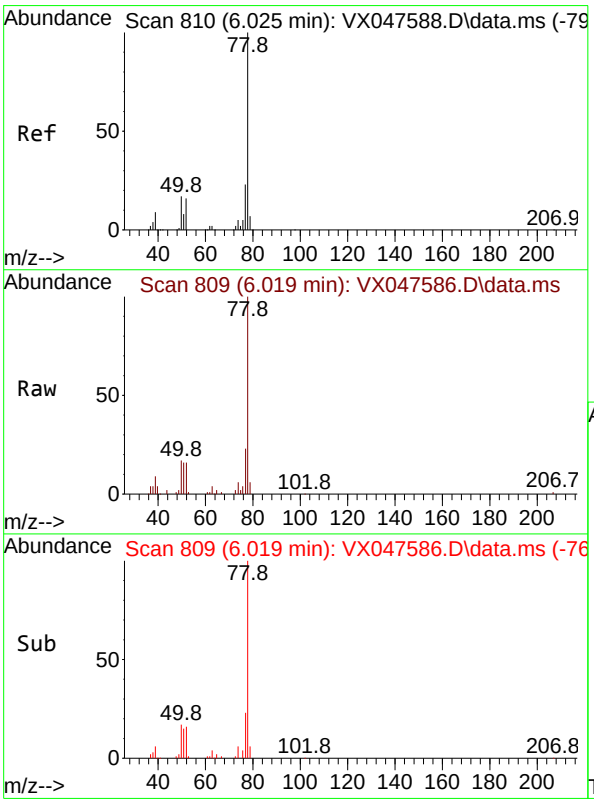
Ion	Ratio	Lower	Upper
83	100		
55	79.1	66.4	99.6
98	46.4	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

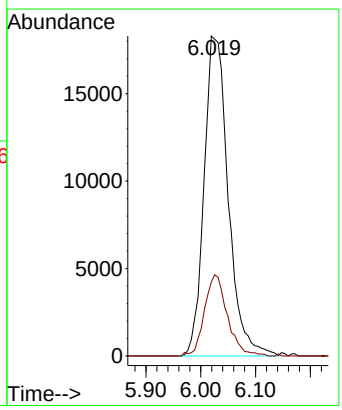
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

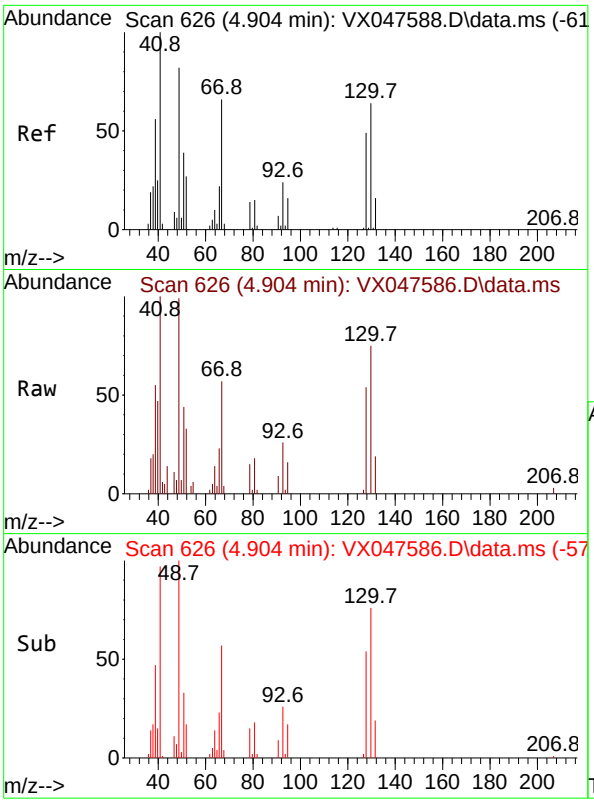


#40
Benzene
Concen: 5.299 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 78 Resp: 55996

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2

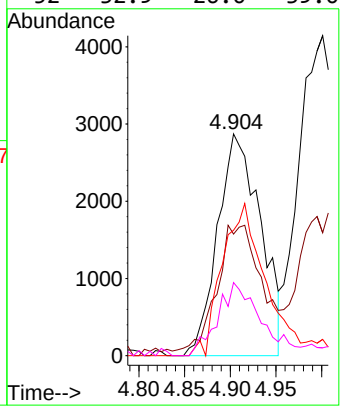




#41
Methacrylonitrile
Concen: 4.883 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 939

Ion	Ratio	Lower	Upper
41	100		
39	58.3	43.3	64.9
67	68.7	58.6	87.8
52	32.9	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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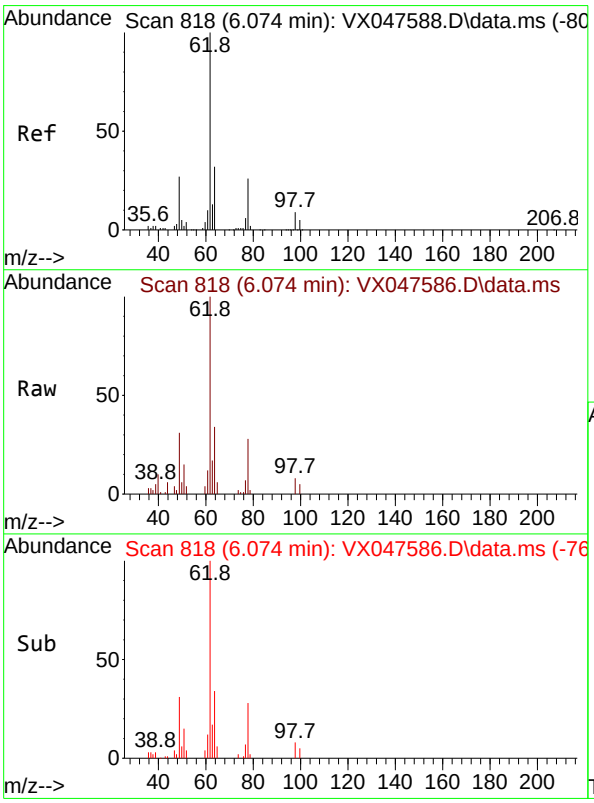
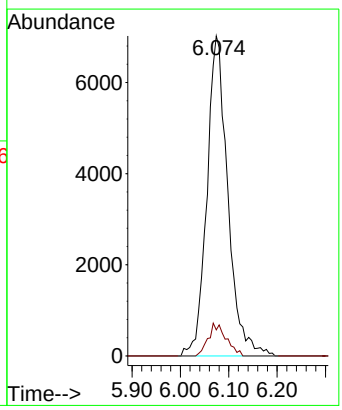
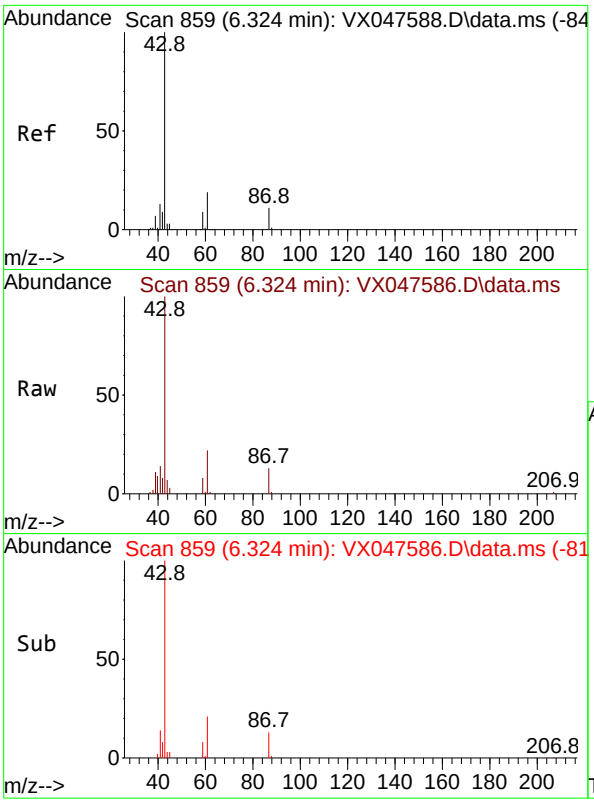


#42
1,2-Dichloroethane
Concen: 5.252 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 21117

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

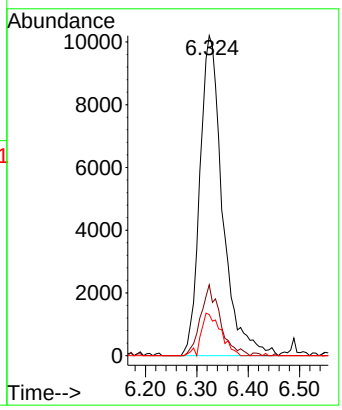




#43
Isopropyl Acetate
Concen: 5.124 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 3130

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	11.6	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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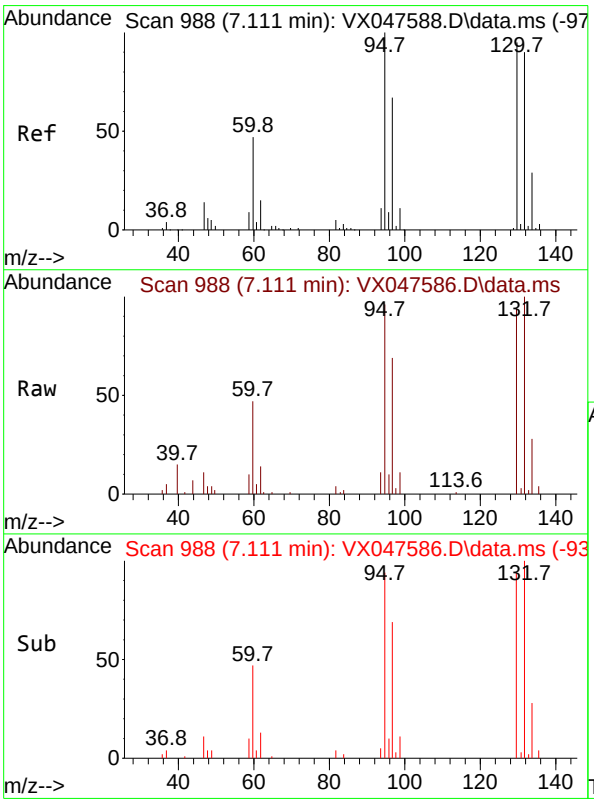
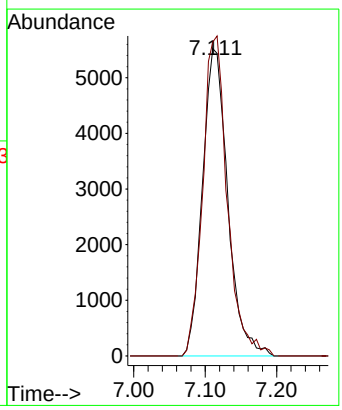
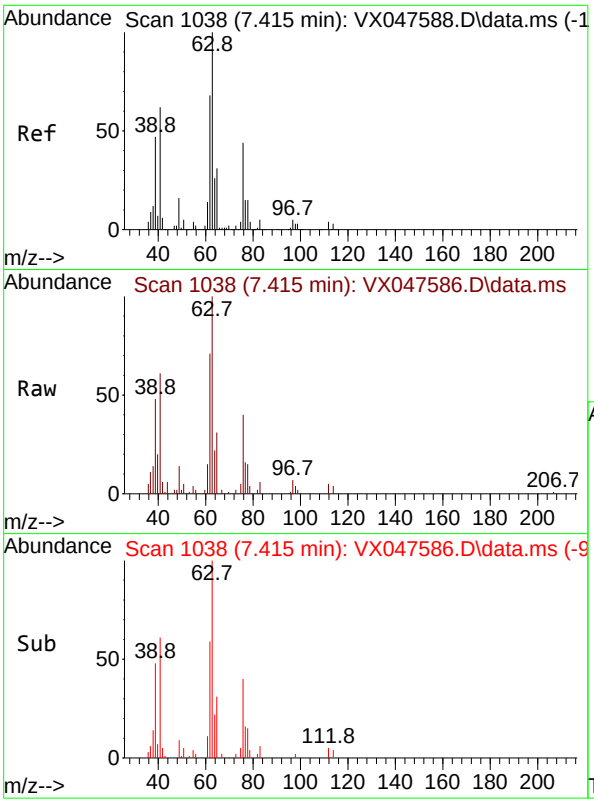


#44
Trichloroethene
Concen: 5.314 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:130 Resp: 13576

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	210.8

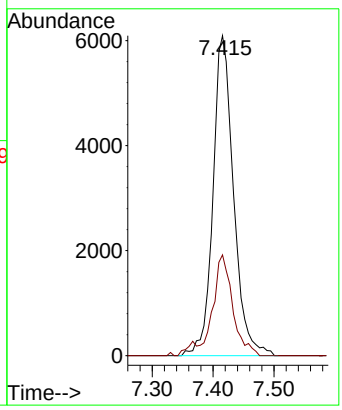




#45
1,2-Dichloropropane
Concen: 5.287 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 1430

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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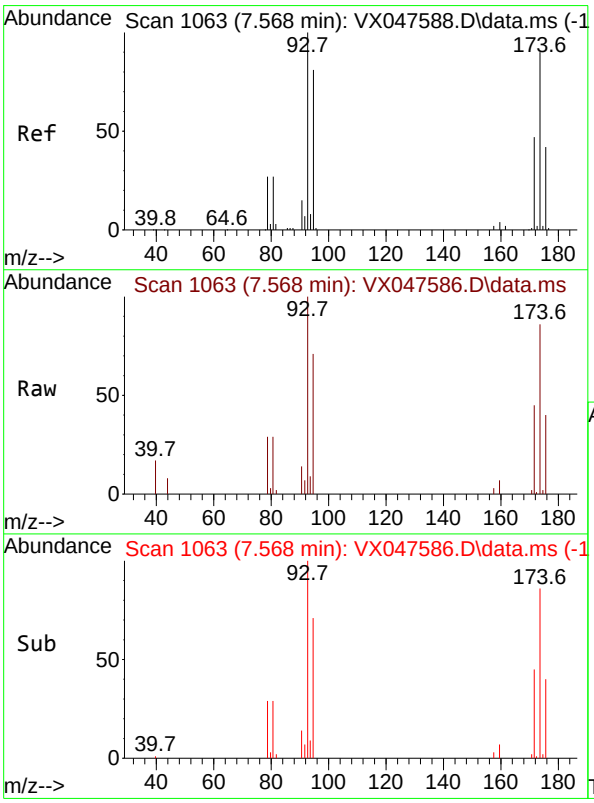
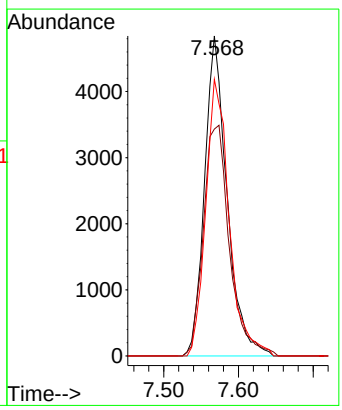
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

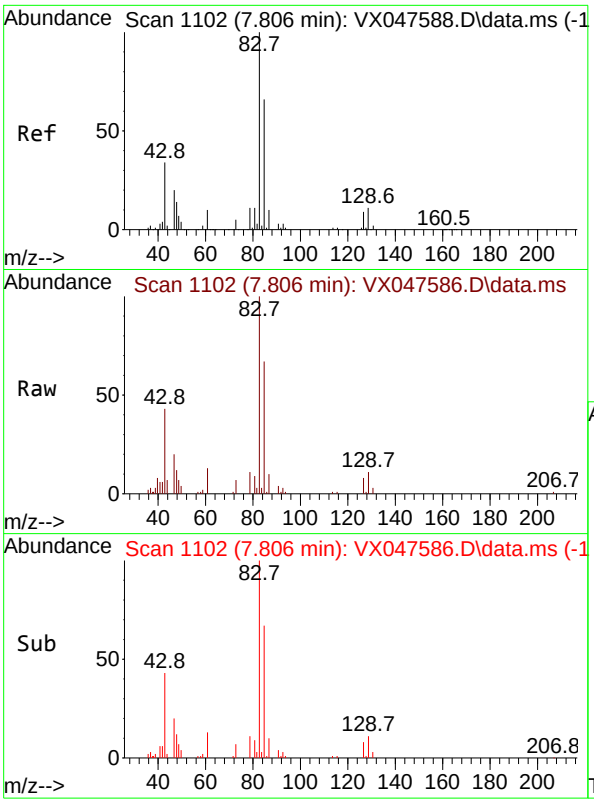


#46
Dibromomethane
Concen: 5.146 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 93 Resp: 10133

Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.0	97.6
174	90.0	71.6	107.4

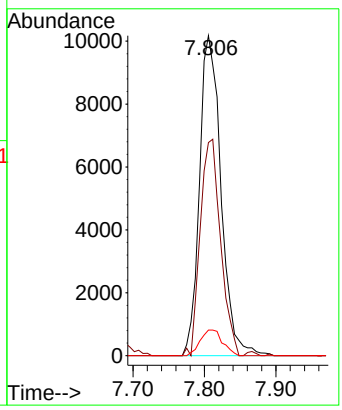




#47
Bromodichloromethane
Concen: 5.235 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 2127

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	7.8	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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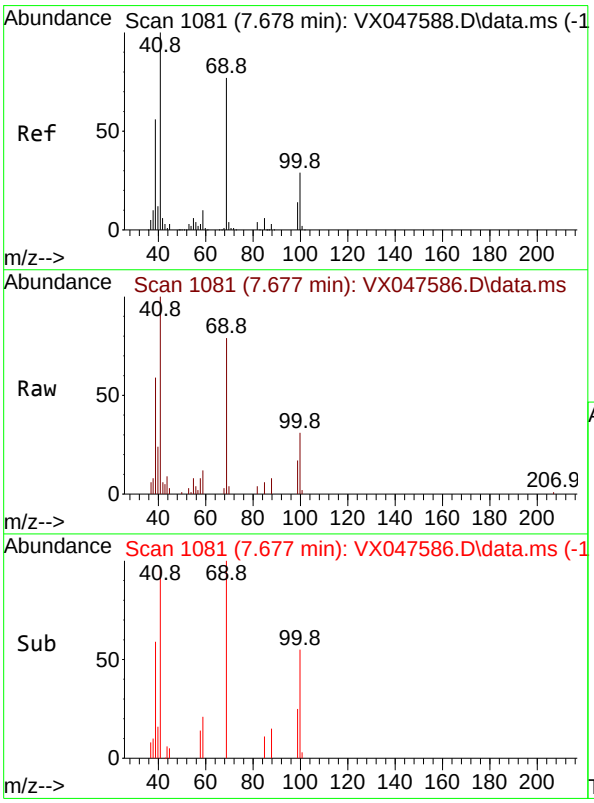
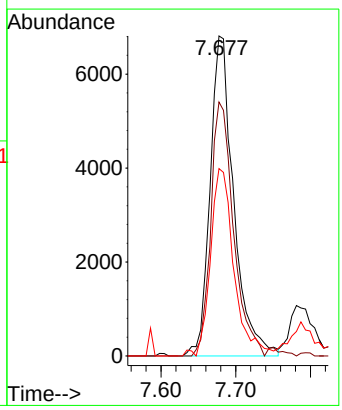
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

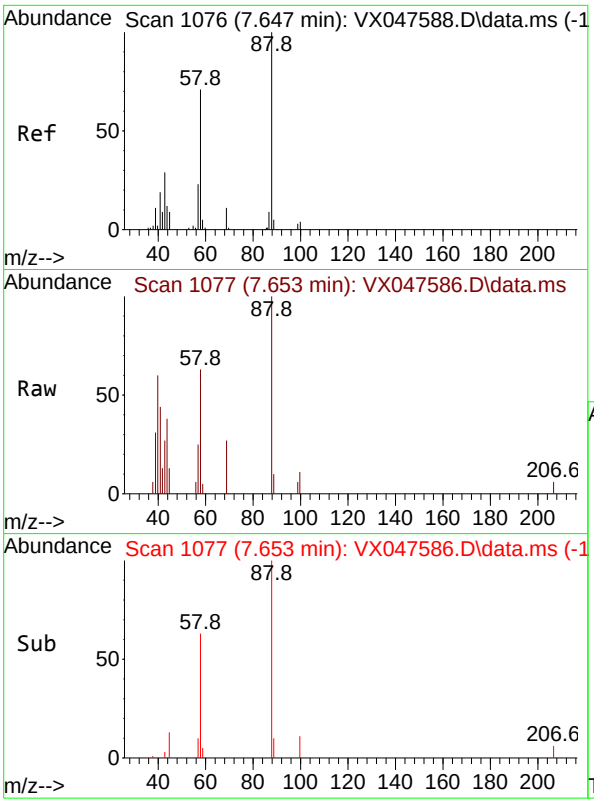


#48
Methyl methacrylate
Concen: 4.915 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 41 Resp: 14959

Ion	Ratio	Lower	Upper
41	100		
69	76.4	61.4	92.2
39	58.2	45.8	68.6

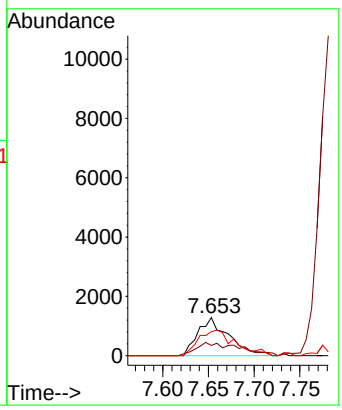




#49
1,4-Dioxane
Concen: 98.096 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 88 Resp: 301

Ion	Ratio	Lower	Upper
88	100		
43	48.3	30.2	45.2
58	79.1	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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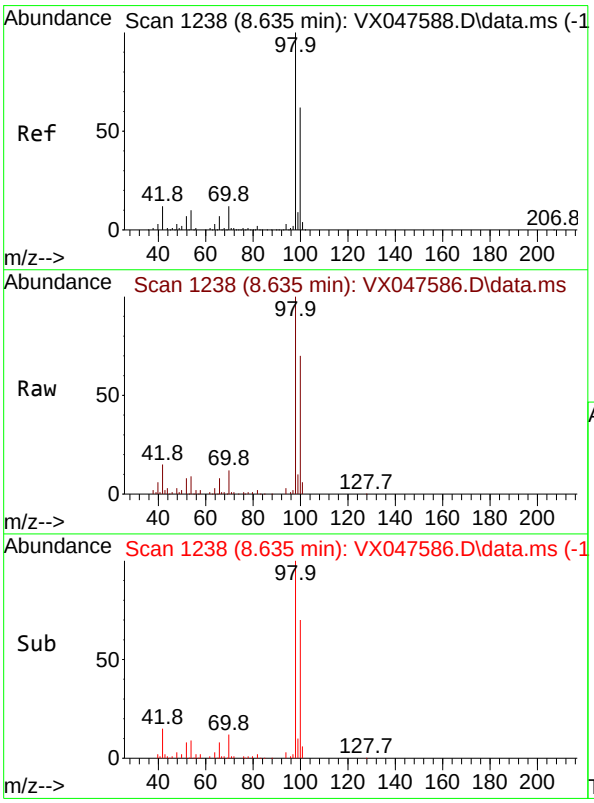
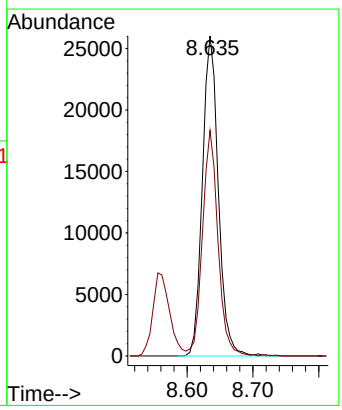
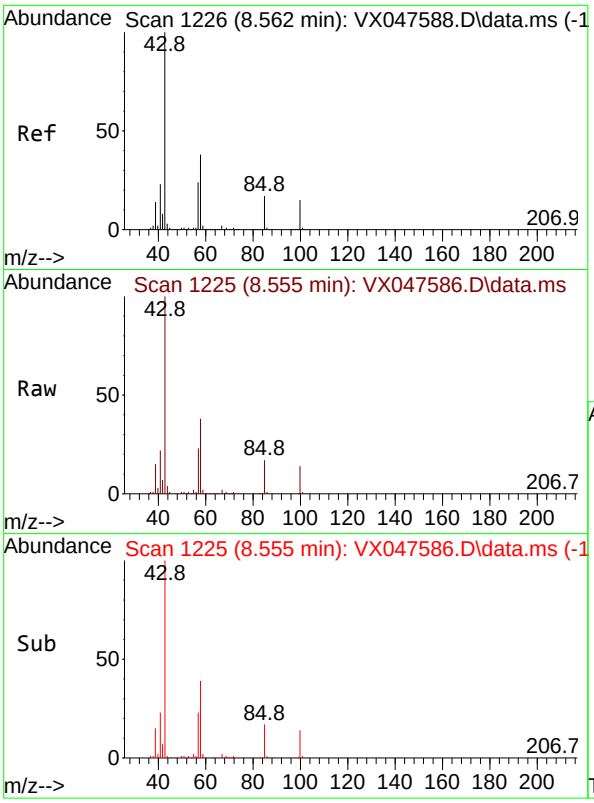


#50
Toluene-d8
Concen: 5.332 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 98 Resp: 43926

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 25.828 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 8749

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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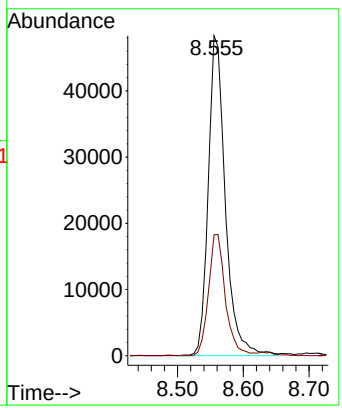
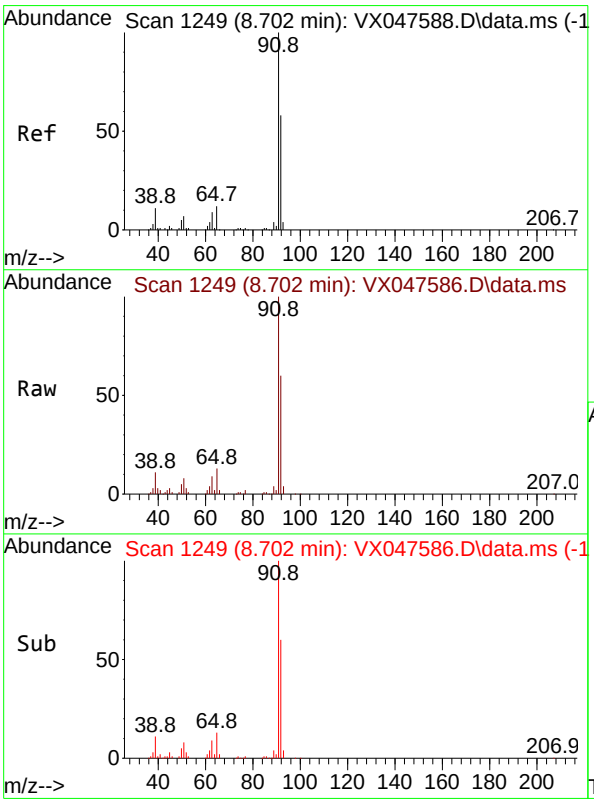
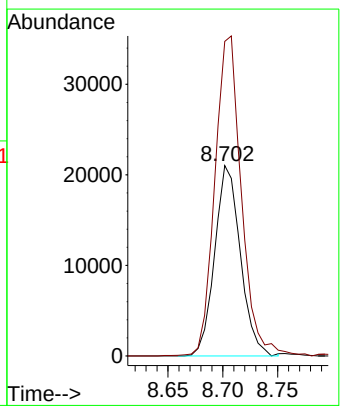


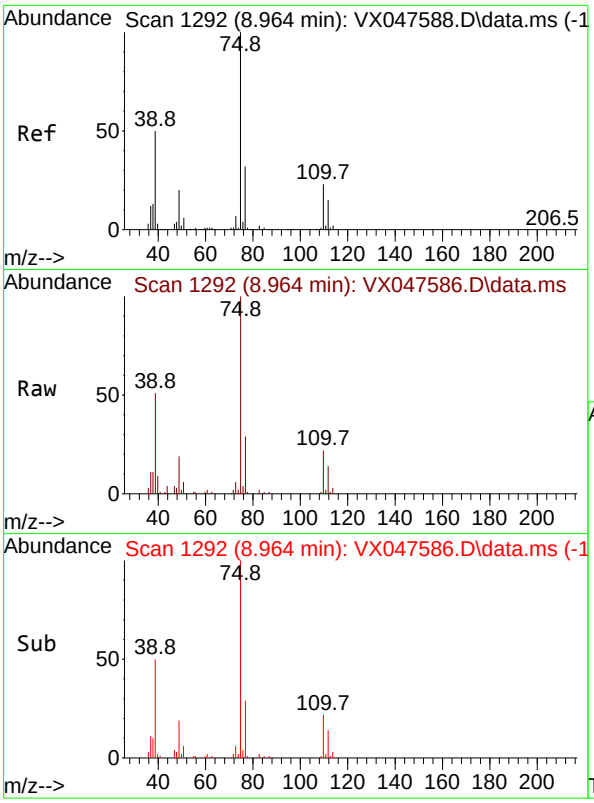


#52
Toluene
Concen: 5.271 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 92 Resp: 34314

Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.1	205.7

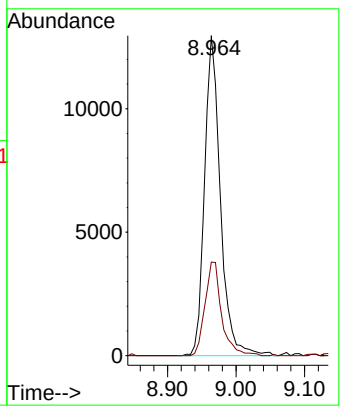




#53
t-1,3-Dichloropropene
Concen: 5.034 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 2086

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Reviewed By :John Carlone 09/17/2025
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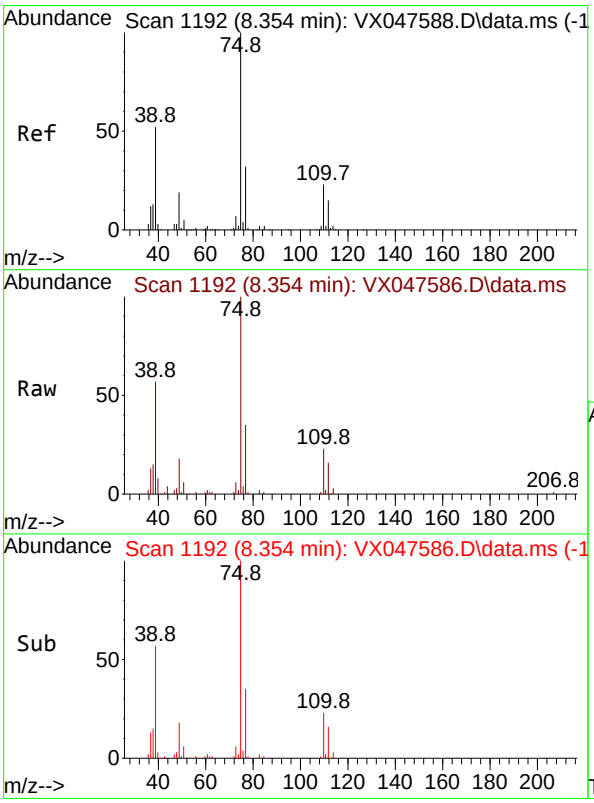
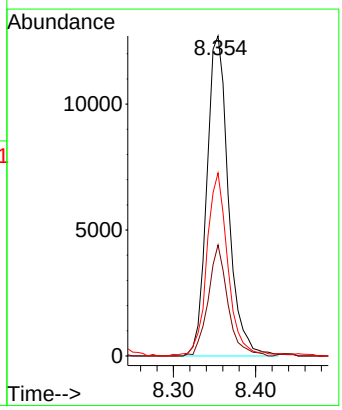
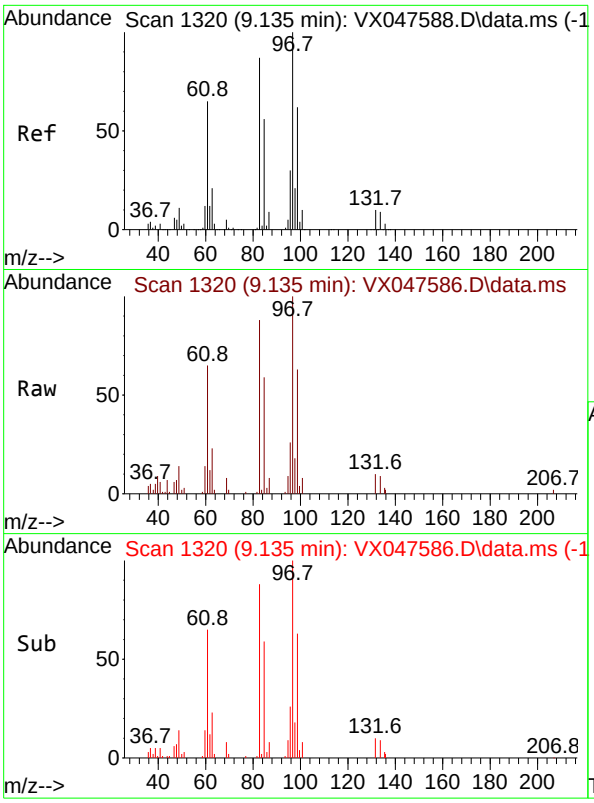


#54
cis-1,3-Dichloropropene
Concen: 5.227 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 23157

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.8	38.6
39	51.7	41.4	62.2

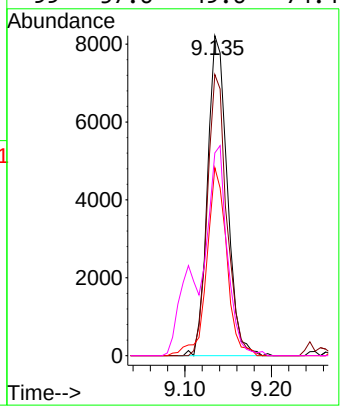




#55
1,1,2-Trichloroethane
Concen: 5.166 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 97 Resp: 1296

Ion	Ratio	Lower	Upper
97	100		
83	76.7	69.6	104.4
85	49.9	45.0	67.6
99	57.6	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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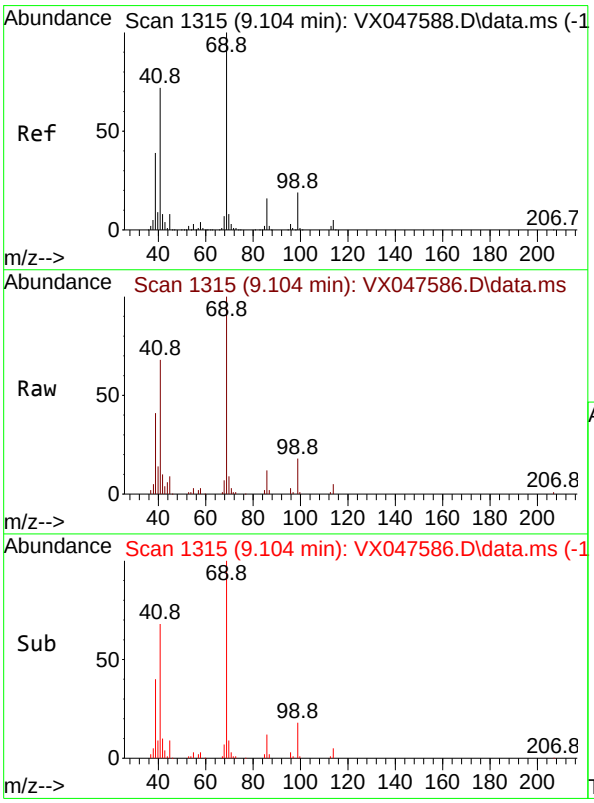
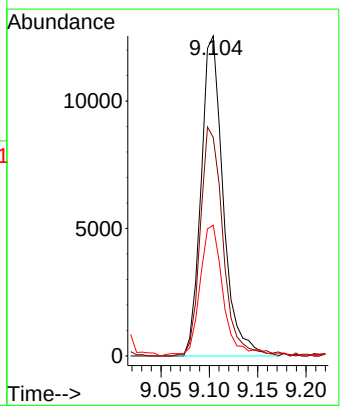
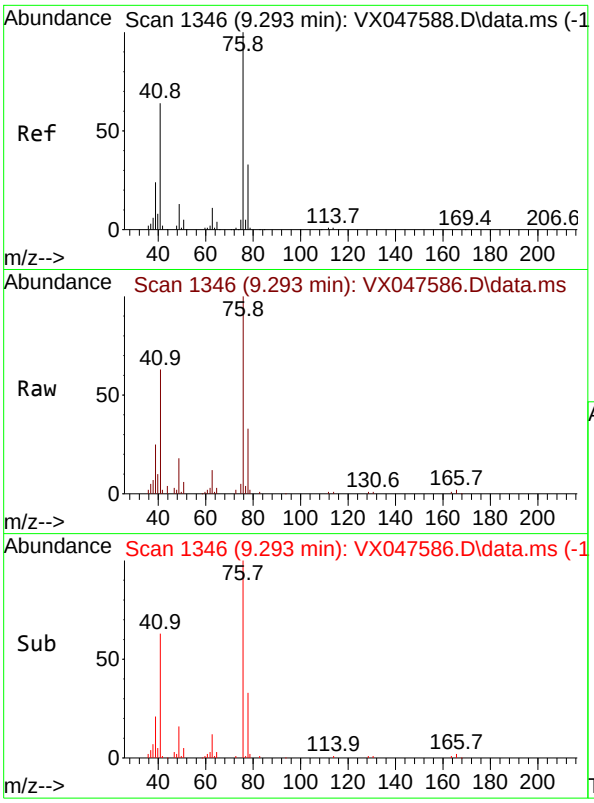


#56
Ethyl methacrylate
Concen: 5.068 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 69 Resp: 19980

Ion	Ratio	Lower	Upper
69	100		
41	73.9	58.6	87.8
39	43.7	31.5	47.3

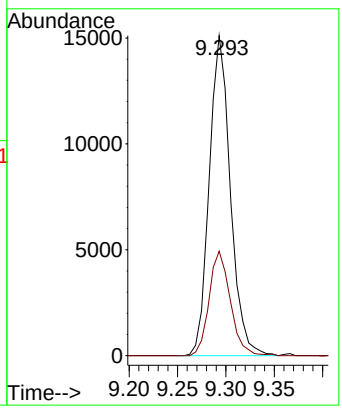




#57
1,3-Dichloropropane
Concen: 5.331 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 76 Resp: 2298

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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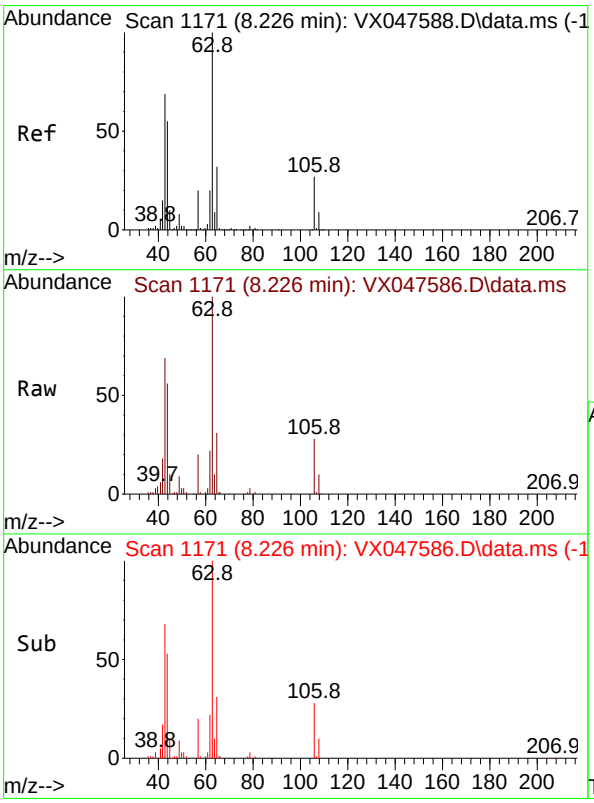
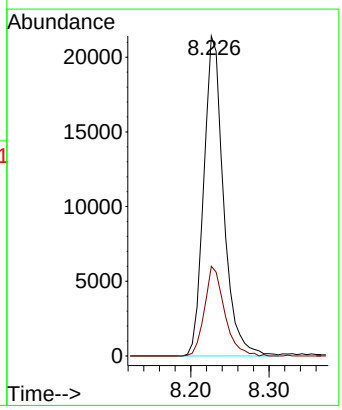
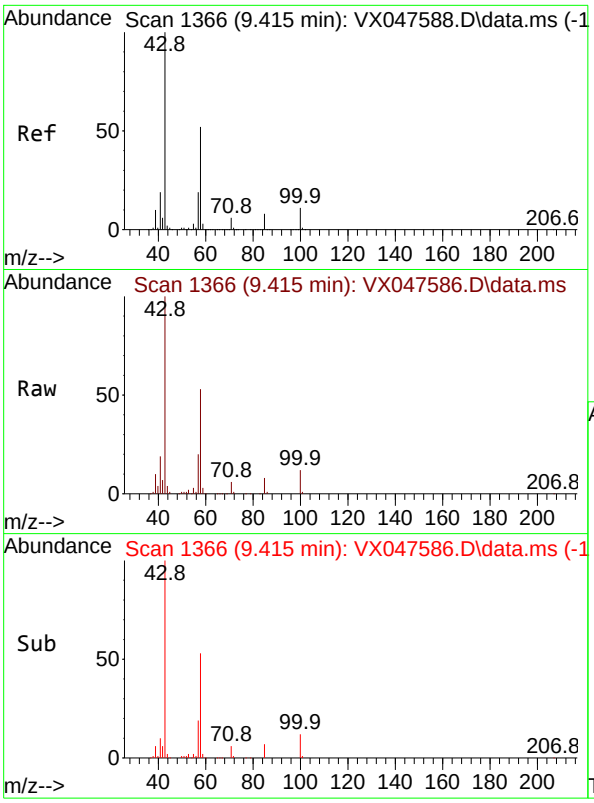


#58
2-Chloroethyl Vinyl ether
Concen: 27.899 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 37585

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.9	32.9

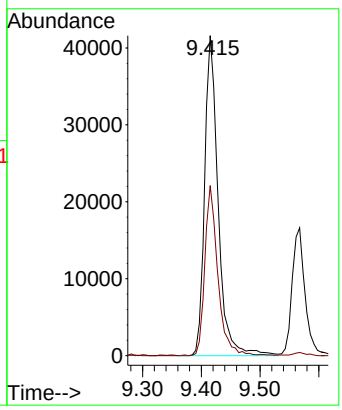




#59
2-Hexanone
Concen: 27.275 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 6635

Ion	Ratio	Lower	Upper
43	100		
58	51.1	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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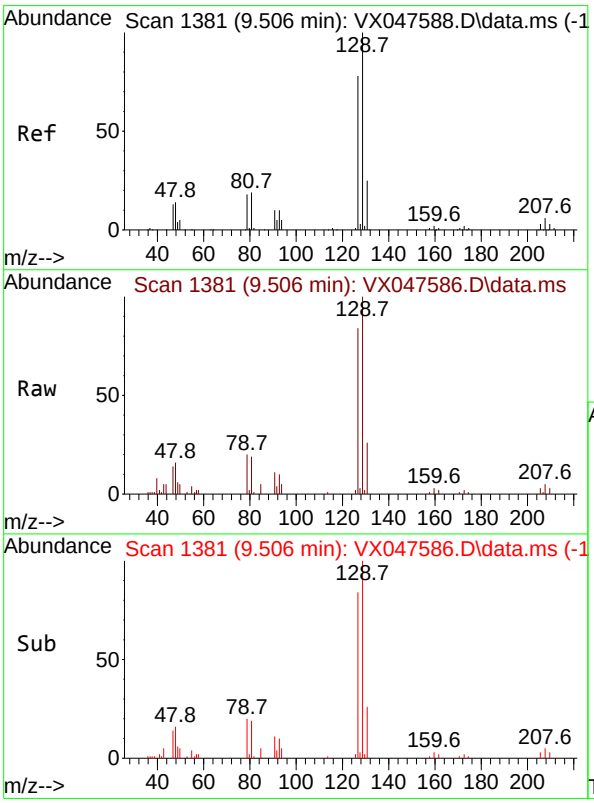
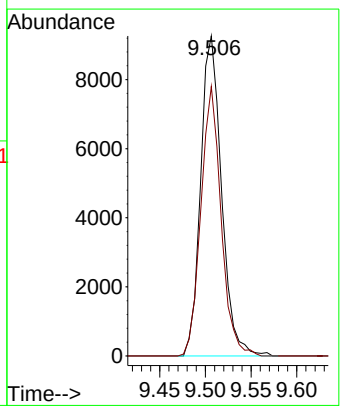
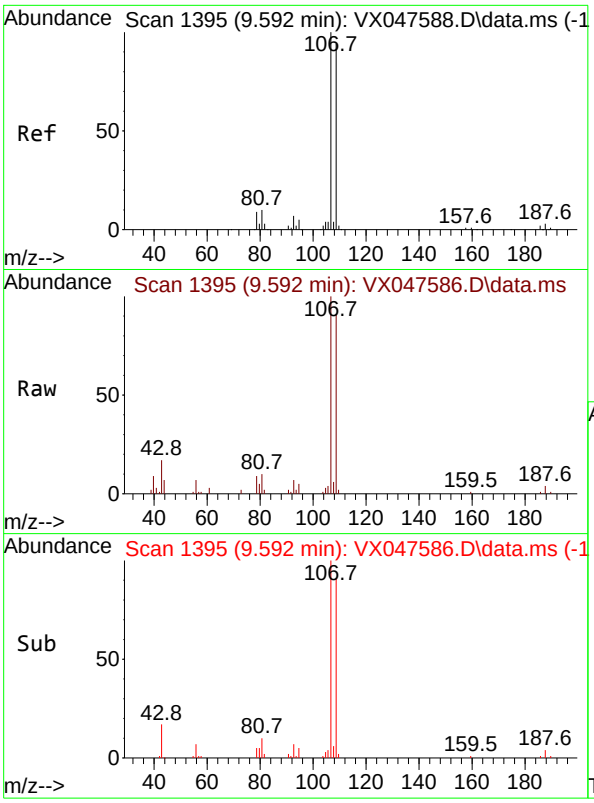


#60
Dibromochloromethane
Concen: 5.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:129 Resp: 14705

Ion	Ratio	Lower	Upper
129	100		
127	81.4	38.4	115.2

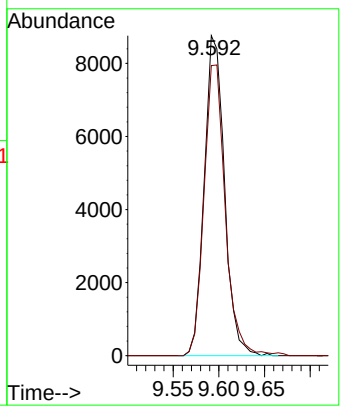




#61
1,2-Dibromoethane
Concen: 5.264 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:107 Resp: 1346

Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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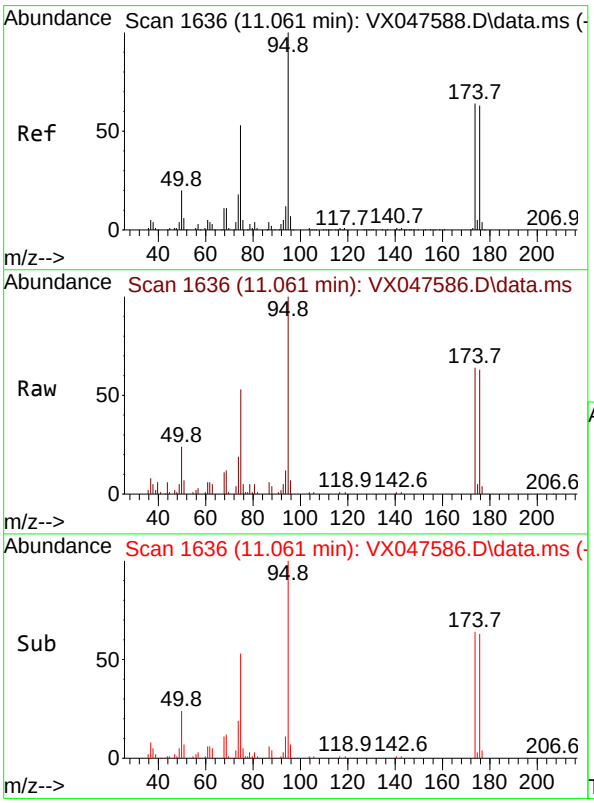
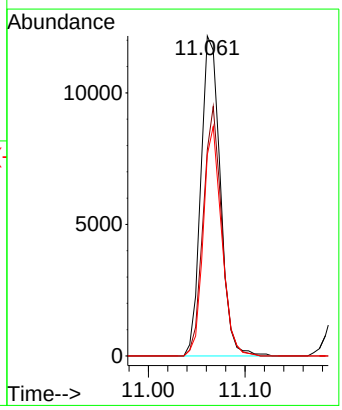
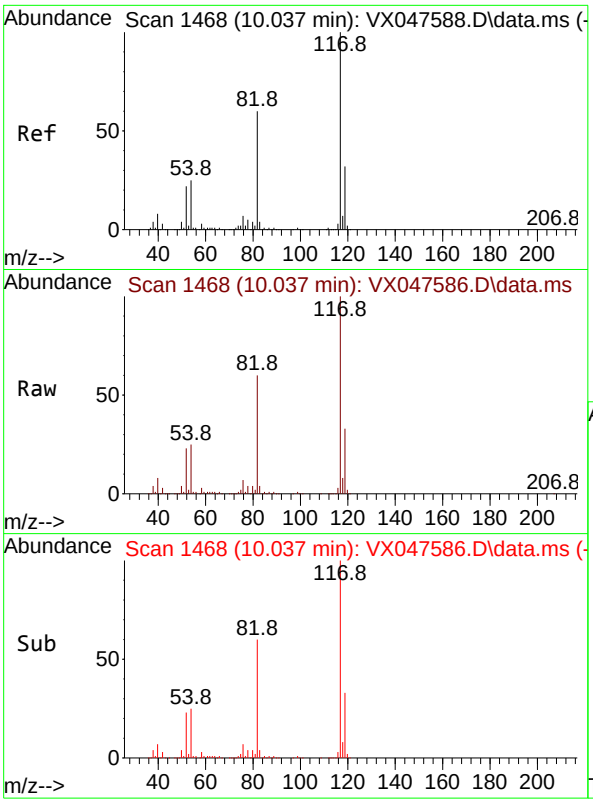


#62
4-Bromofluorobenzene
Concen: 5.429 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 95 Resp: 16974

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	141.6
176	67.9	0.0	138.4

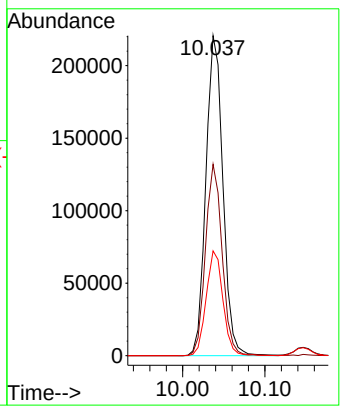




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 31728

Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.8	71.6
119	32.8	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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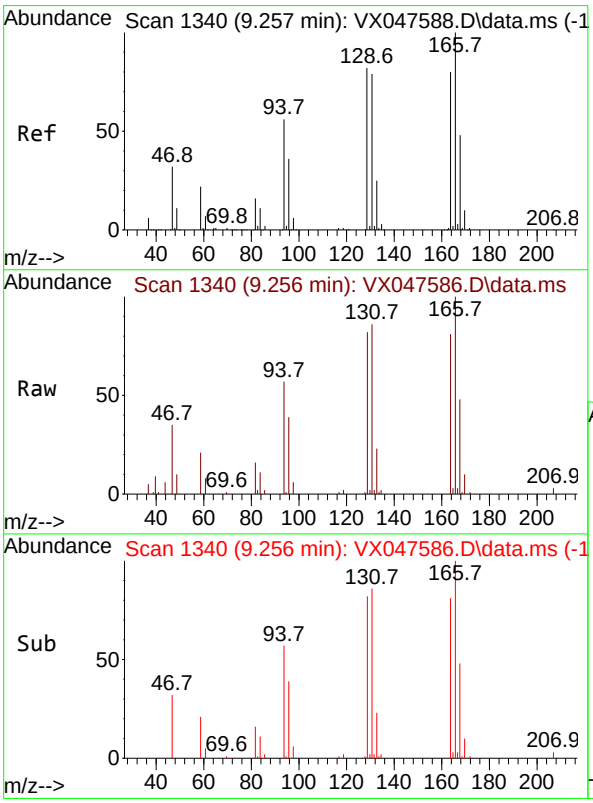
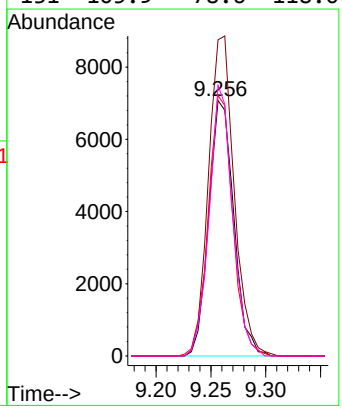
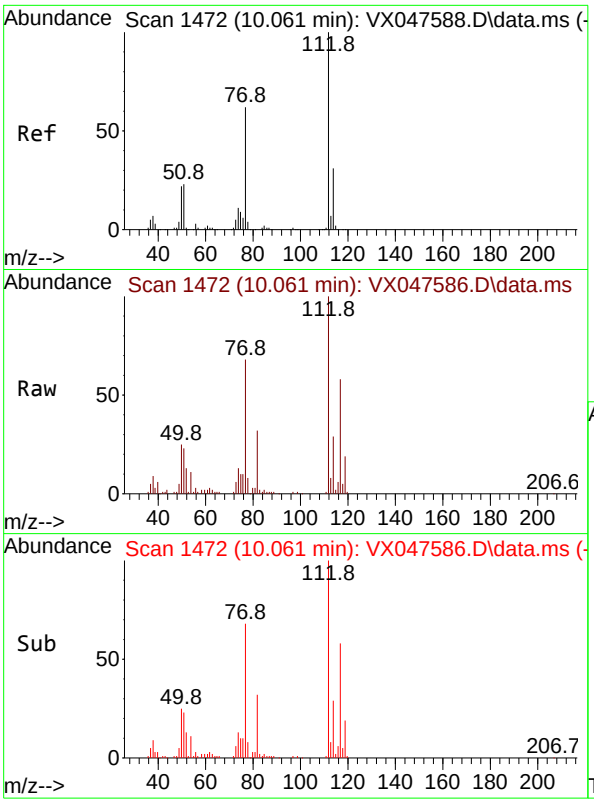


#64
Tetrachloroethene
Concen: 5.428 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:164 Resp: 11228

Ion	Ratio	Lower	Upper
164	100		
166	123.8	100.2	150.2
129	102.0	81.8	122.6
131	105.9	78.6	118.0

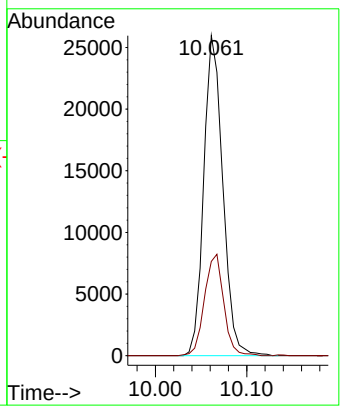




#65
Chlorobenzene
Concen: 5.203 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:112 Resp: 3750

Ion	Ratio	Lower	Upper
112	100		
114	29.2	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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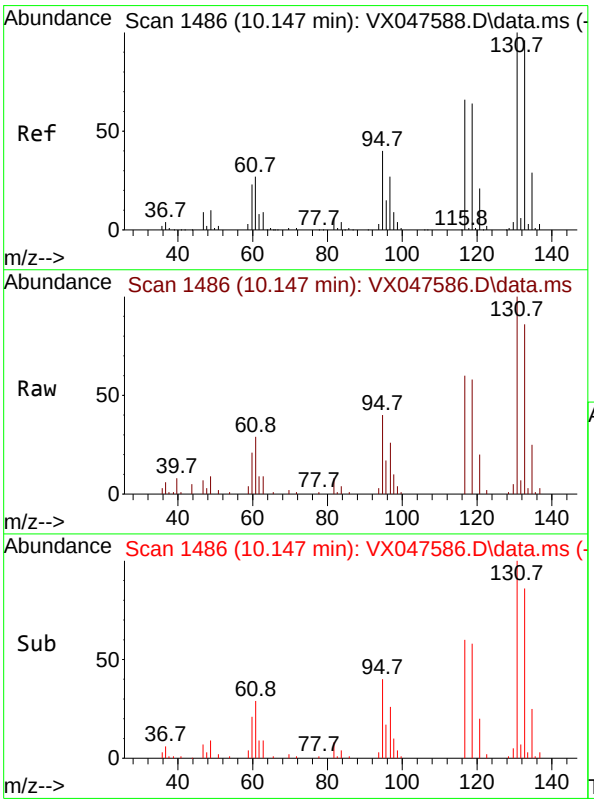
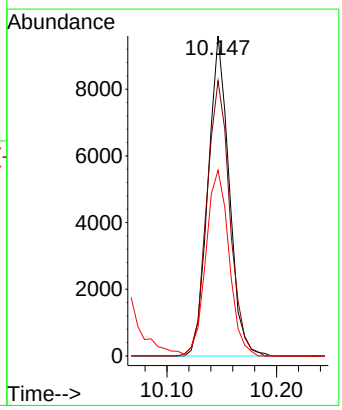
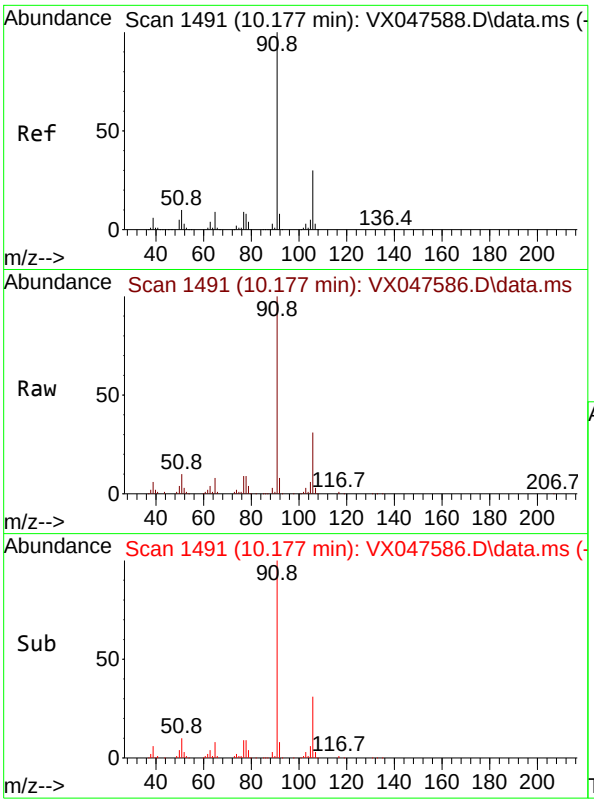


#66
1,1,1,2-Tetrachloroethane
Concen: 5.149 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:131 Resp: 12807

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	142.0
119	63.5	32.0	96.0

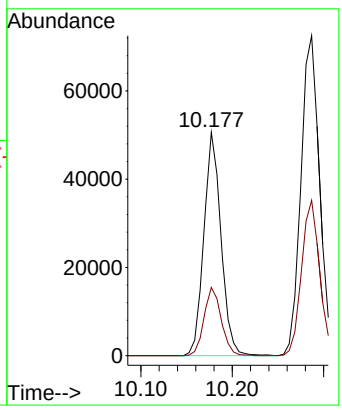




#67
Ethyl Benzene
Concen: 5.299 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 6590

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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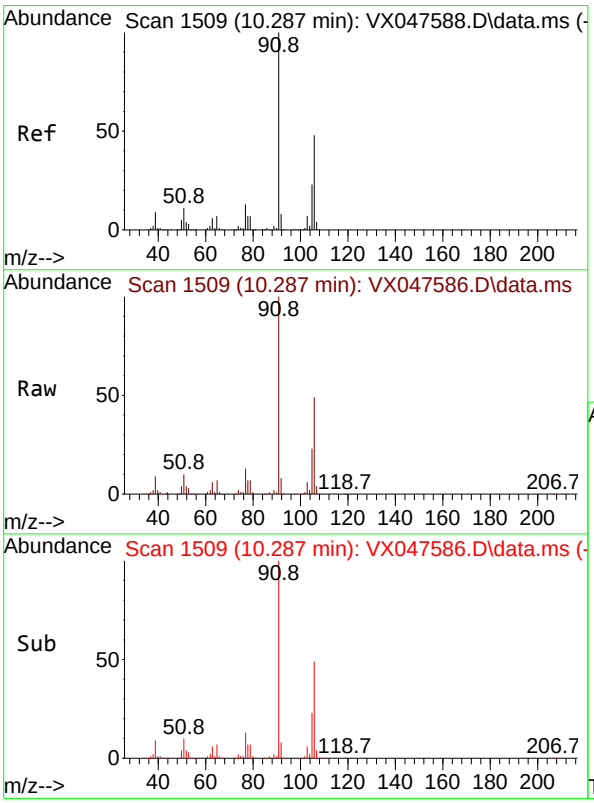
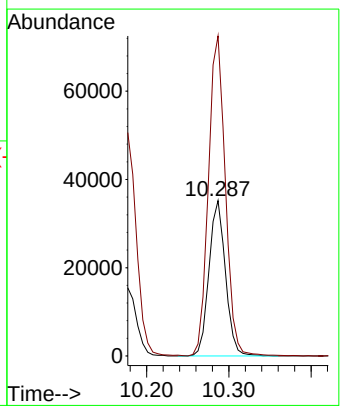
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

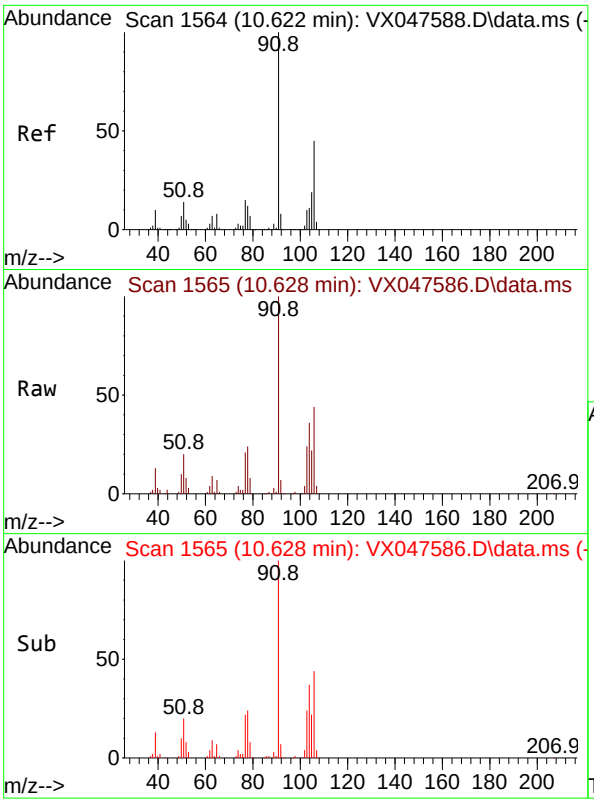


#68
m/p-Xylenes
Concen: 10.613 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 49132

Ion	Ratio	Lower	Upper
106	100		
91	211.6	167.8	251.8

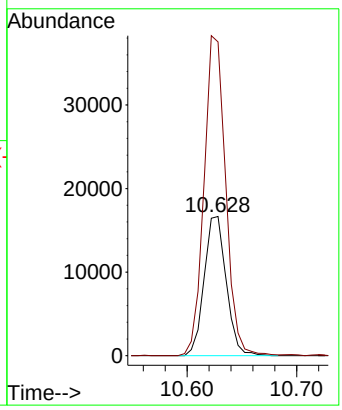




#69
o-Xylene
Concen: 5.204 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 2330

Ion	Ratio	Lower	Upper
106	100		
91	226.3	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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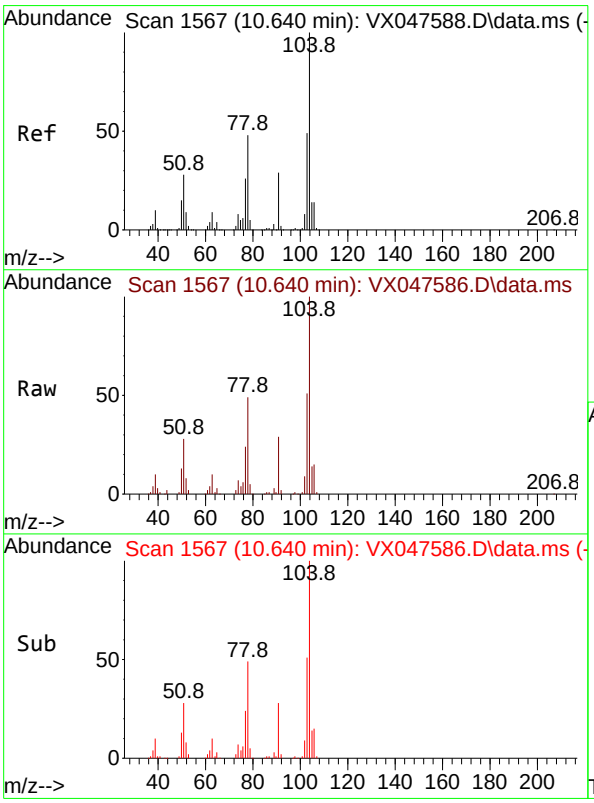
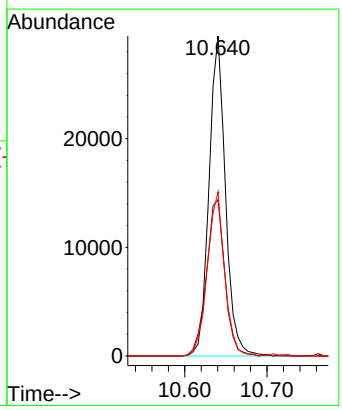
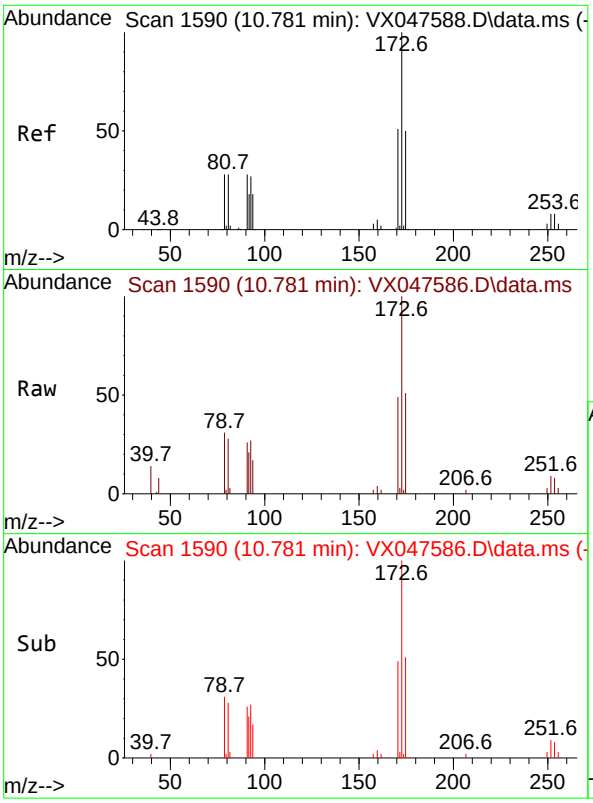


#70
Styrene
Concen: 5.210 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:104 Resp: 40872

Ion	Ratio	Lower	Upper
104	100		
78	54.8	43.1	64.7
103	53.7	43.1	64.7

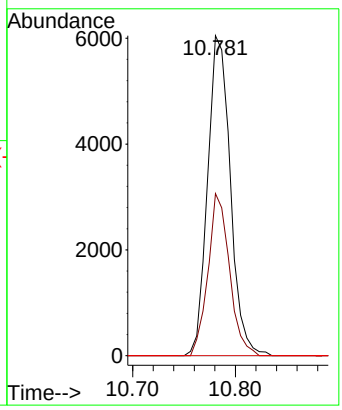




#71
Bromoform
Concen: 5.006 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:173 Resp: 929

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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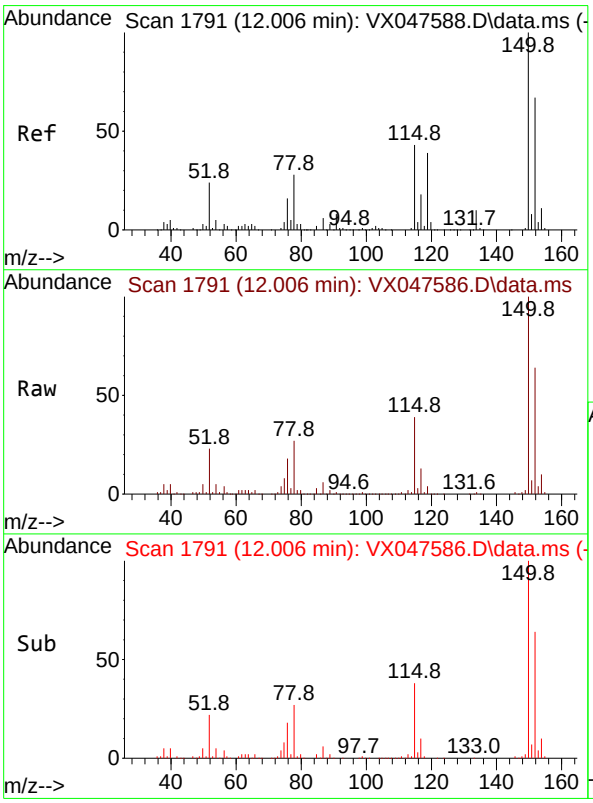
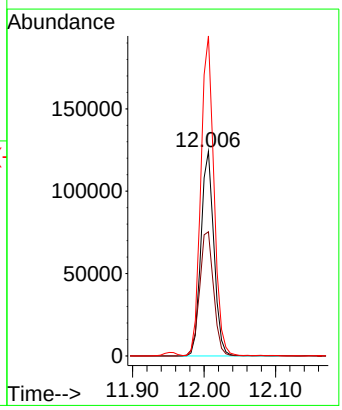
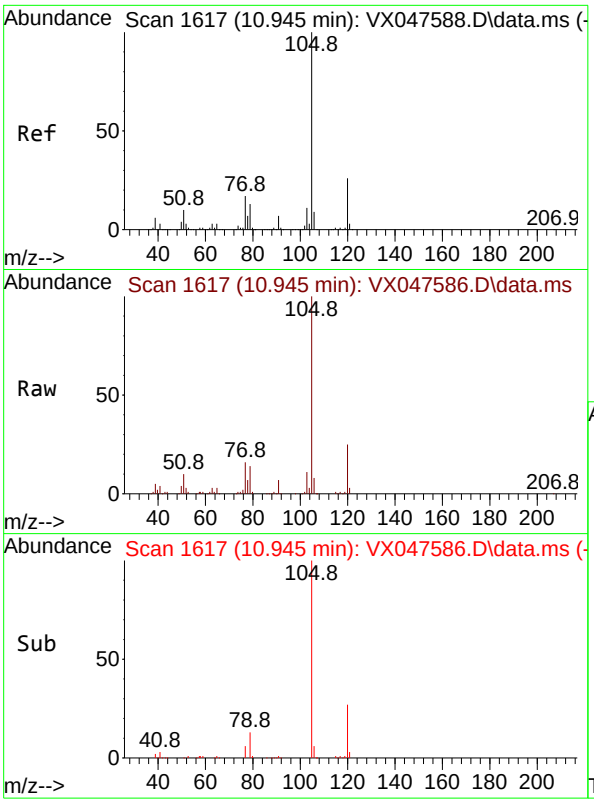


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:152 Resp: 156219

Ion	Ratio	Lower	Upper
152	100		
115	65.6	44.9	134.5
150	157.8	0.0	352.0

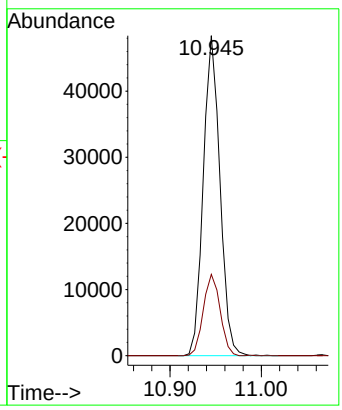




#73
Isopropylbenzene
Concen: 5.139 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 6102

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
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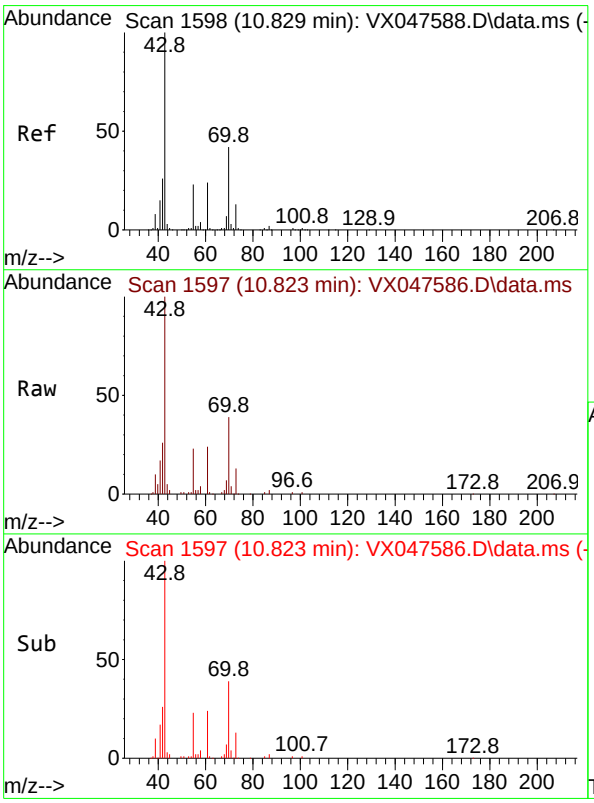
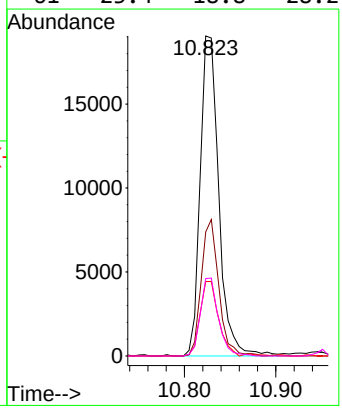
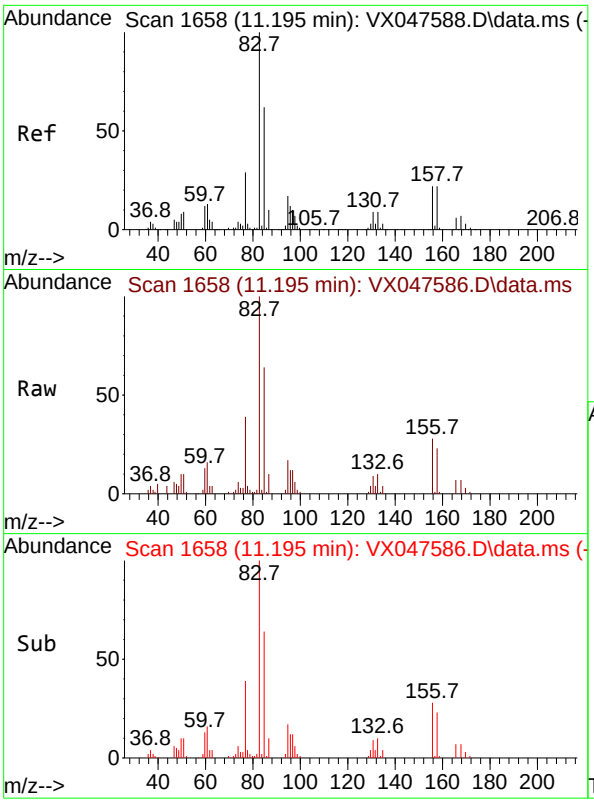


#74
N-amyl acetate
Concen: 4.980 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 26969

Ion	Ratio	Lower	Upper
43	100		
70	39.9	32.0	48.0
55	23.1	18.9	28.3
61	23.4	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 5.138 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 1846

Ion	Ratio	Lower	Upper
83	100		
131	8.2	5.0	14.9
85	64.4	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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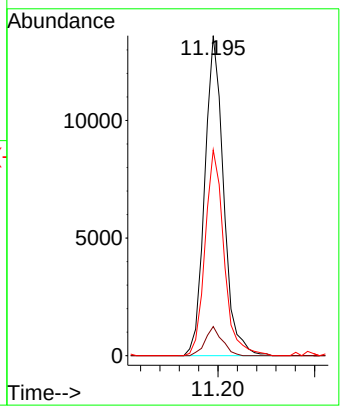
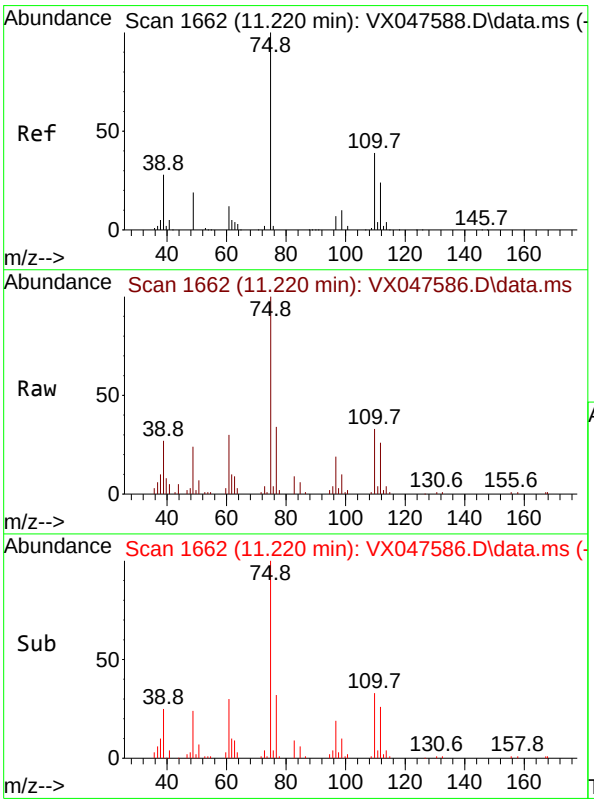
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

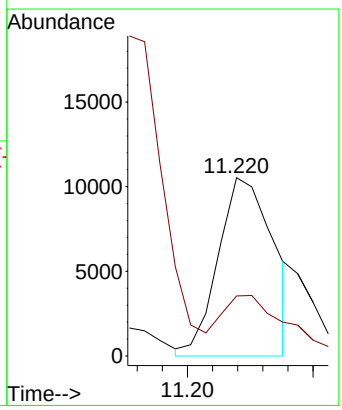


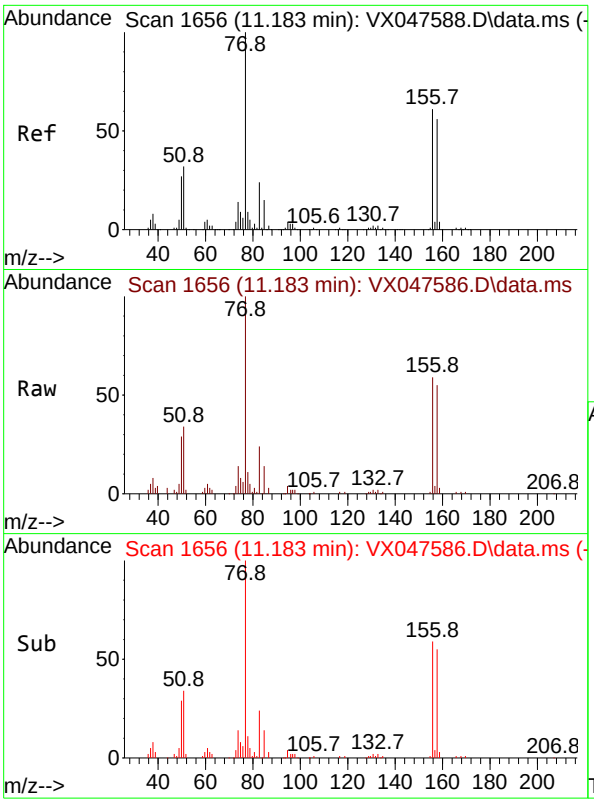


#76
1,2,3-Trichloropropane
Concen: 4.927 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 15982

Ion	Ratio	Lower	Upper
75	100		
77	40.6	18.8	56.4

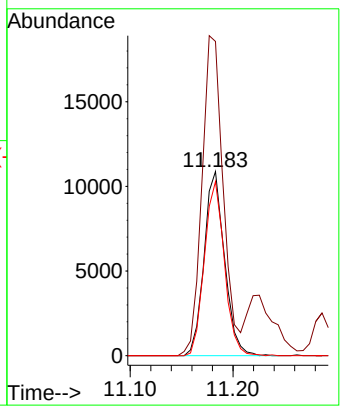




#77
Bromobenzene
Concen: 5.150 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:156 Resp: 1506

Ion	Ratio	Lower	Upper
156	100		
77	180.3	89.7	269.1
158	92.6	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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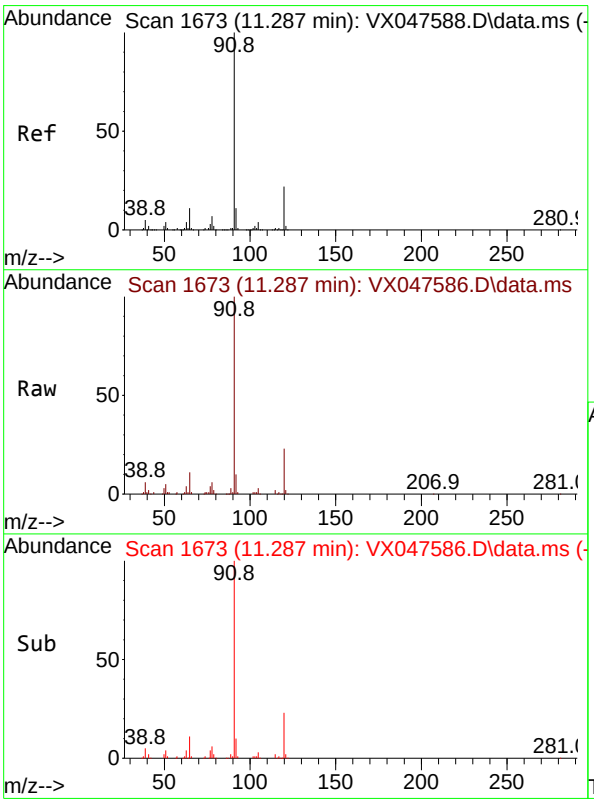
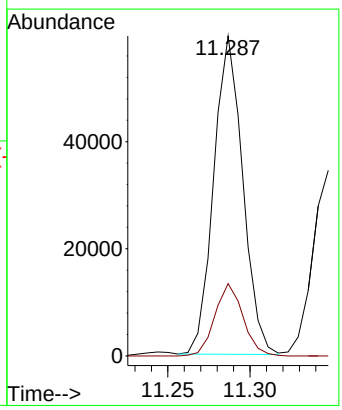
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

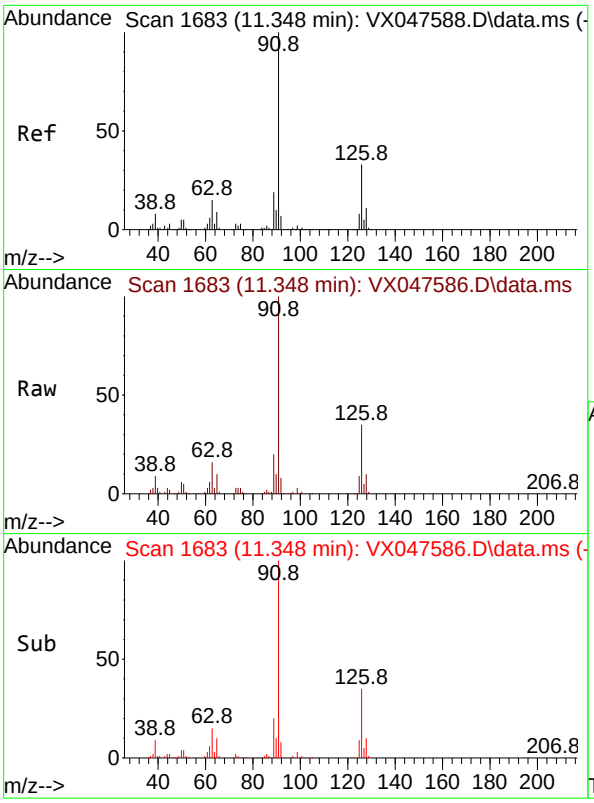


#78
n-propylbenzene
Concen: 5.192 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 72900

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1

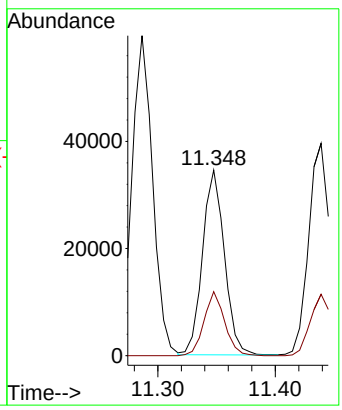




#79
2-Chlorotoluene
Concen: 5.194 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 4466

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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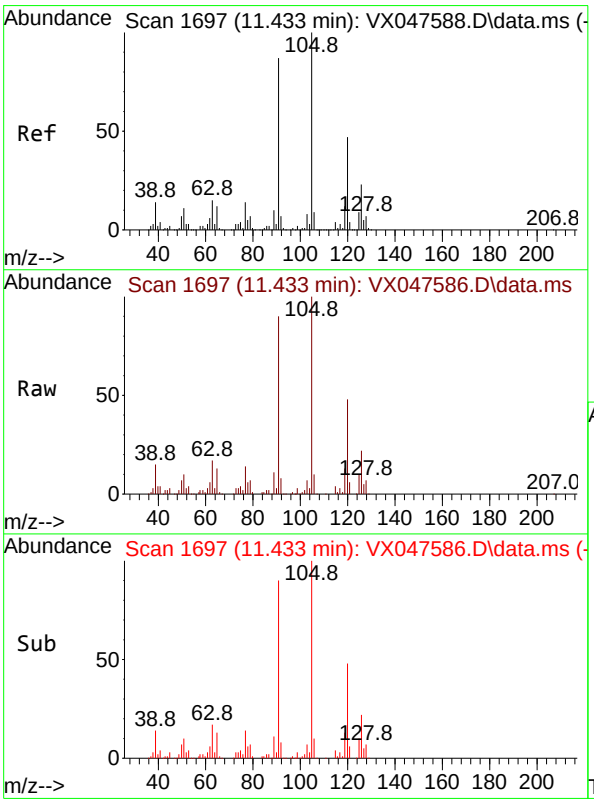
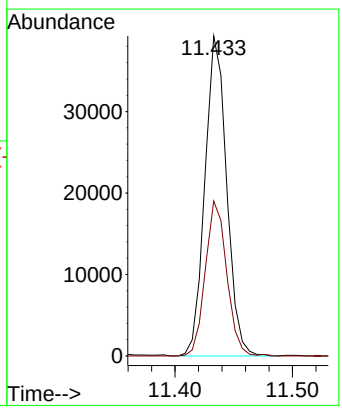
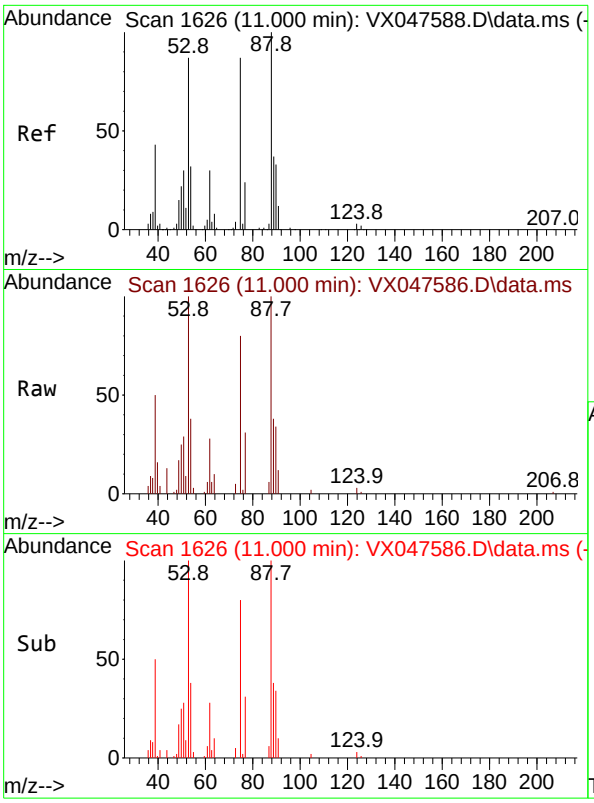


#80
1,3,5-Trimethylbenzene
Concen: 5.179 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 50535

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	70.8

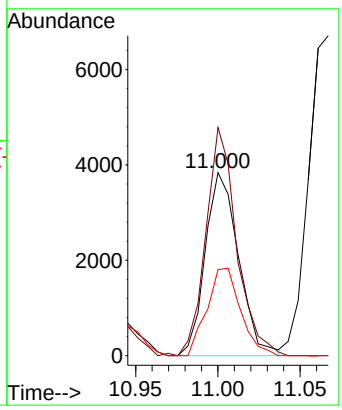




#81
trans-1,4-Dichloro-2-butene
Concen: 4.364 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 541

Ion	Ratio	Lower	Upper
75	100		
53	114.9	83.4	125.2
89	48.3	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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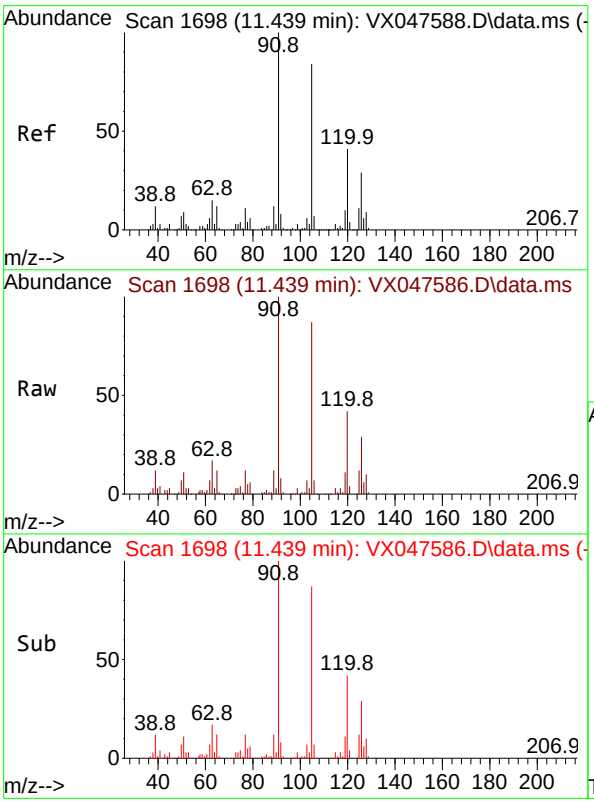
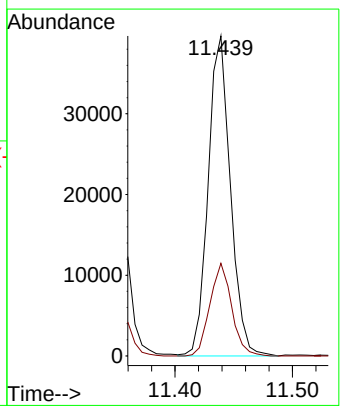
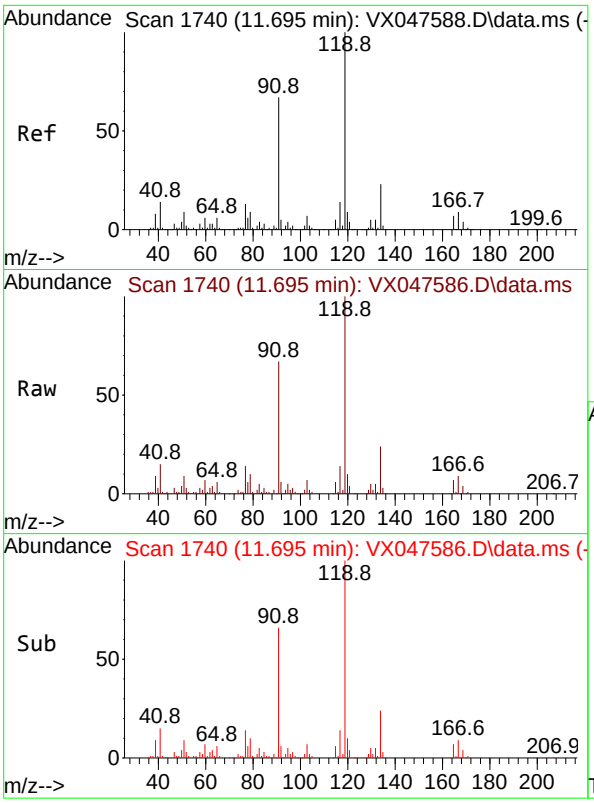


#82
4-Chlorotoluene
Concen: 5.149 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 52294

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.2	42.6

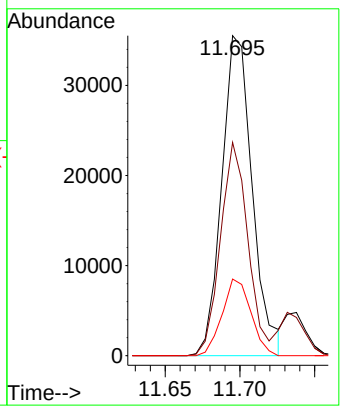




#83
tert-Butylbenzene
Concen: 5.041 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:119 Resp: 5035

Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.6	88.8
134	22.7	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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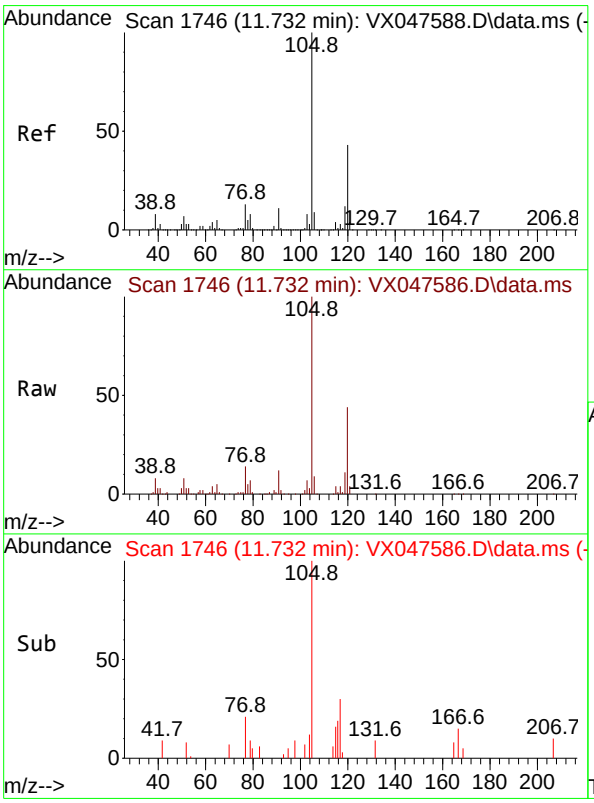
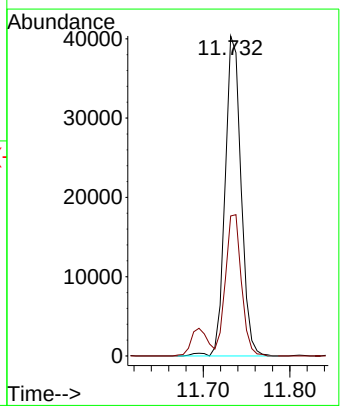
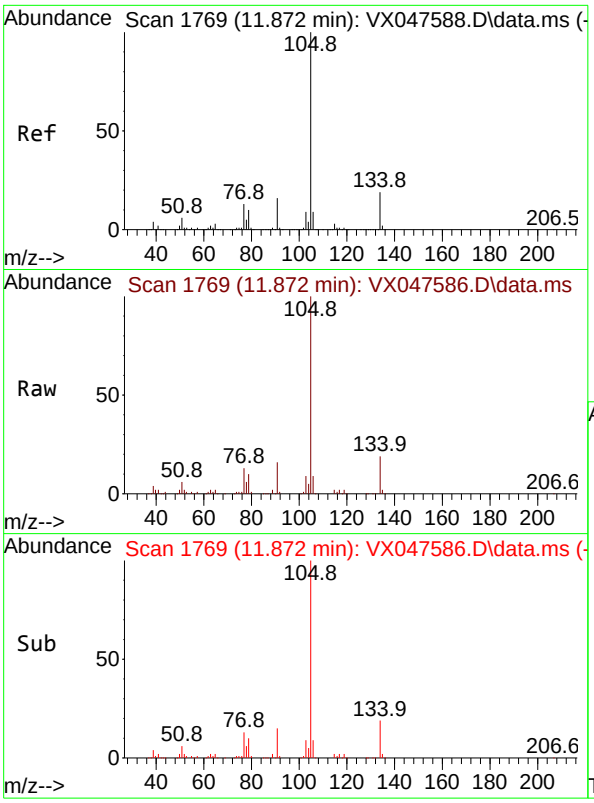


#84
1,2,4-Trimethylbenzene
Concen: 5.214 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 51583

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1

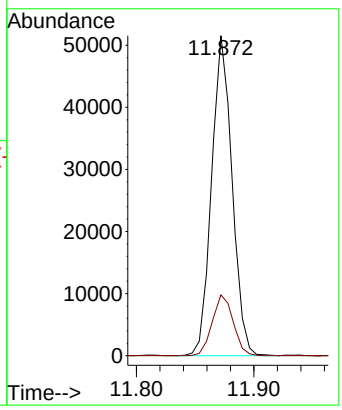




#85
sec-Butylbenzene
Concen: 5.268 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 6250

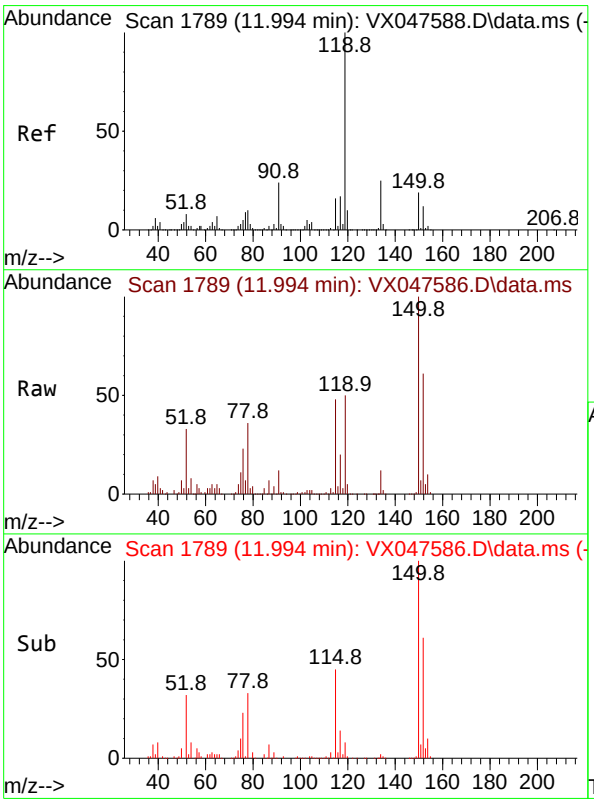
Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

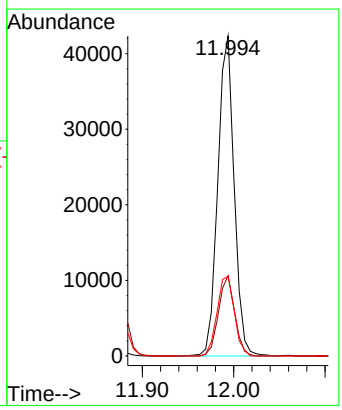
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

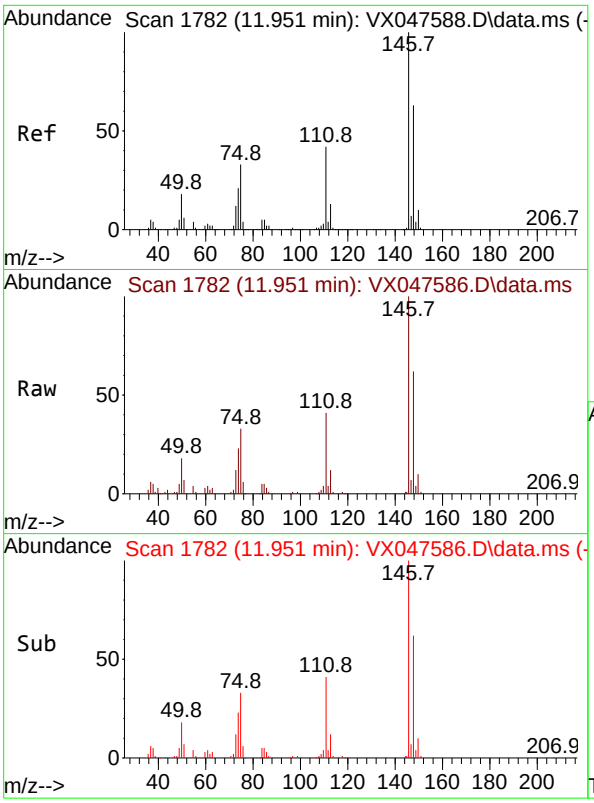


#86
p-Isopropyltoluene
Concen: 5.244 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:119 Resp: 52674

Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.6	37.8
91	26.2	12.6	37.6

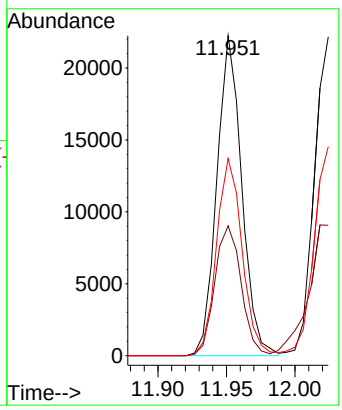




#87
1,3-Dichlorobenzene
Concen: 5.175 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 2811

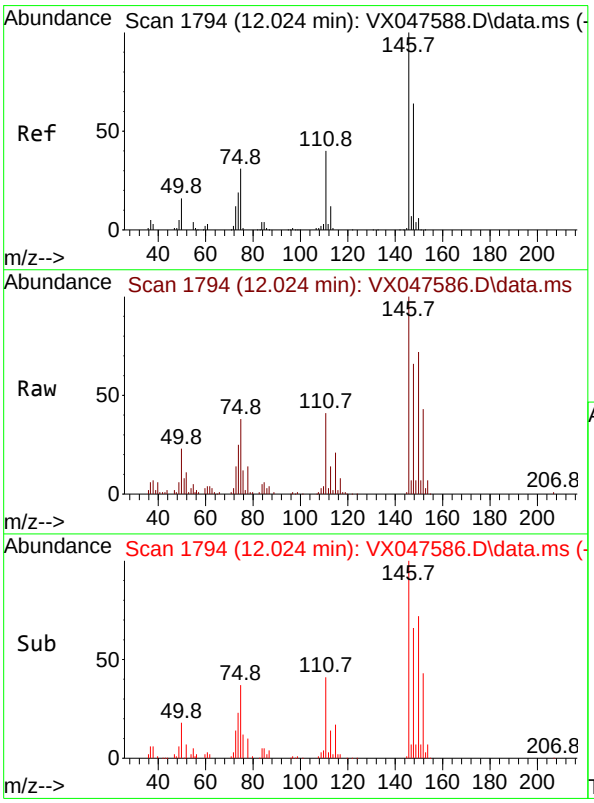
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	63.4	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

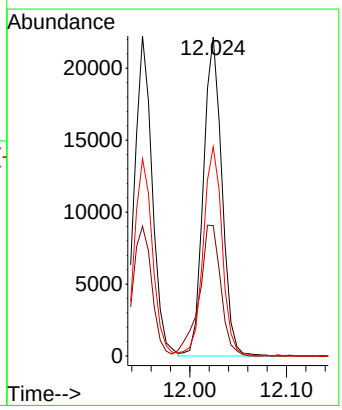
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

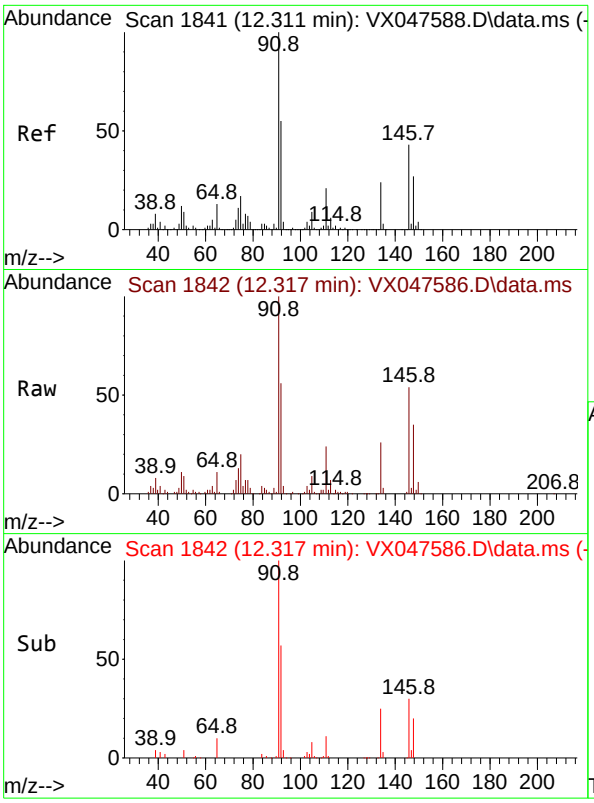


#88
1,4-Dichlorobenzene
Concen: 5.294 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 29519

Ion	Ratio	Lower	Upper
146	100		
111	47.8	20.8	62.4
148	66.9	31.7	95.1

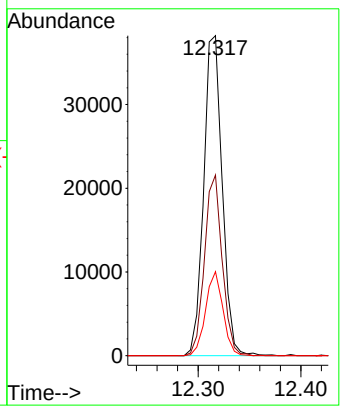




#89
n-Butylbenzene
Concen: 5.159 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 4795

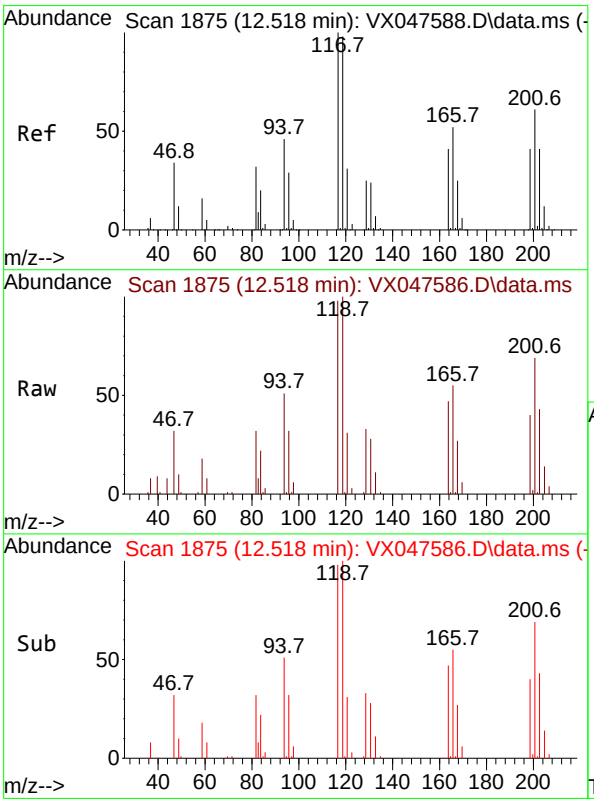
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.6	82.7
134	24.6	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

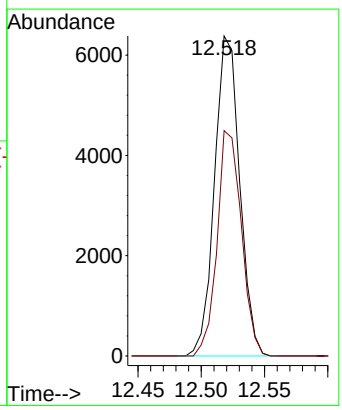
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

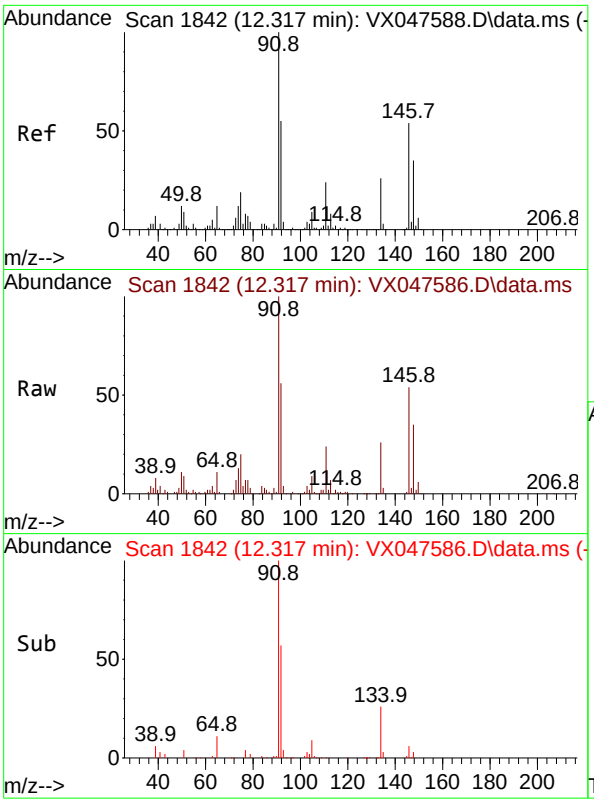


#90
Hexachloroethane
Concen: 5.007 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 8830

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.2	102.5

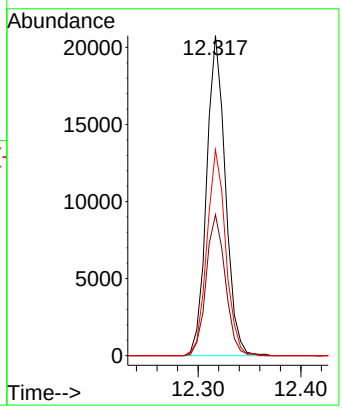




#91
1,2-Dichlorobenzene
Concen: 5.102 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:146 Resp: 2640

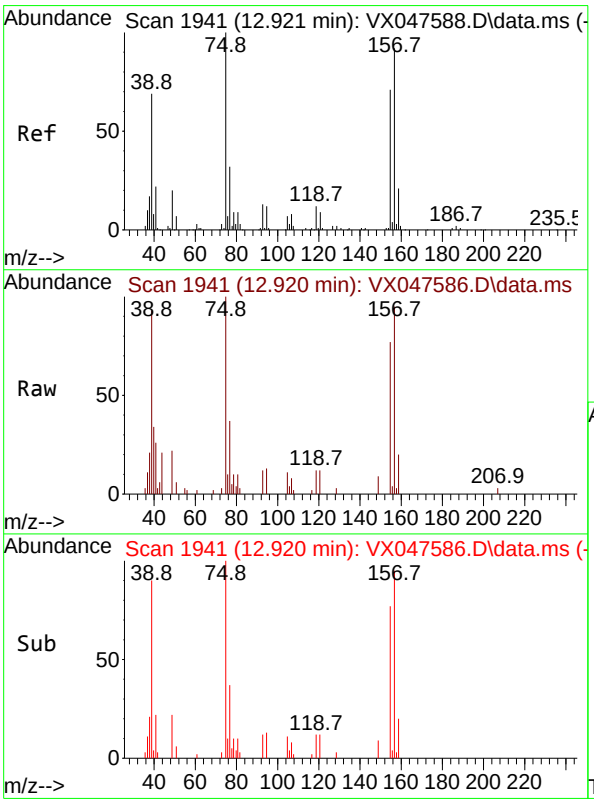
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.2	66.6
148	64.2	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

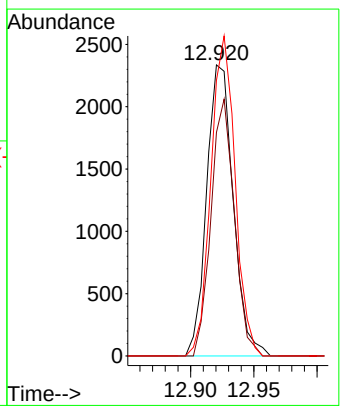
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

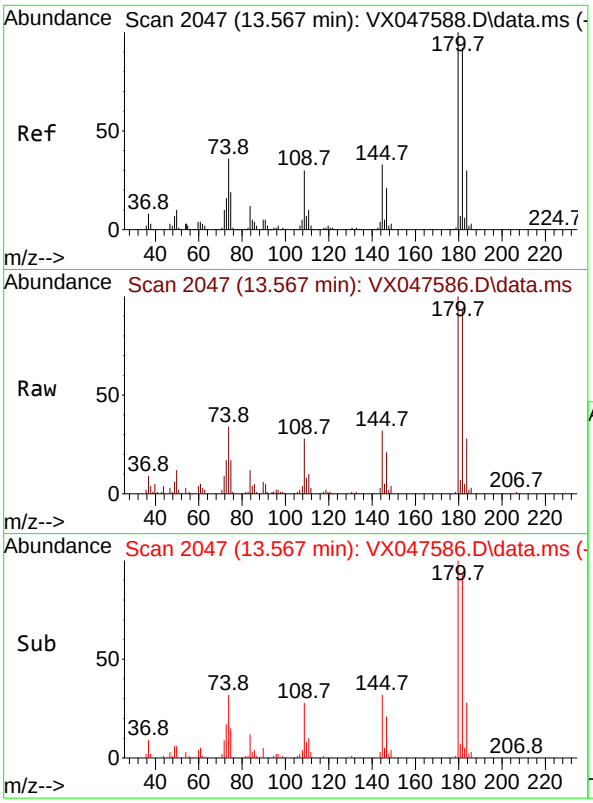


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.690 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 3412

Ion	Ratio	Lower	Upper
75	100		
155	77.4	37.7	113.1
157	100.1	49.8	149.4

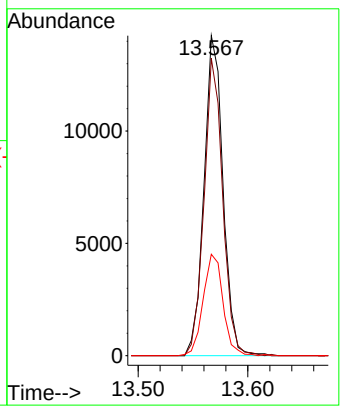




#93
1,2,4-Trichlorobenzene
Concen: 5.103 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:180 Resp: 1716

Ion	Ratio	Lower	Upper
180	100		
182	91.2	46.6	139.8
145	33.2	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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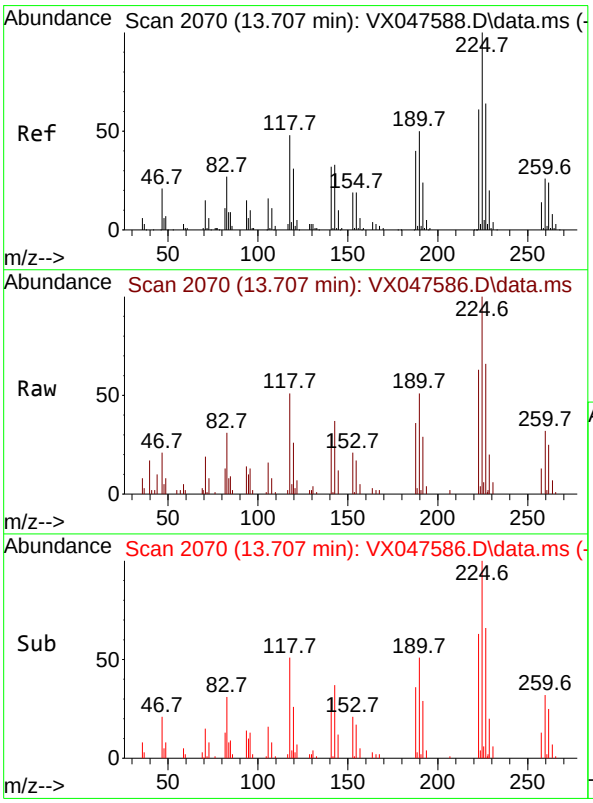
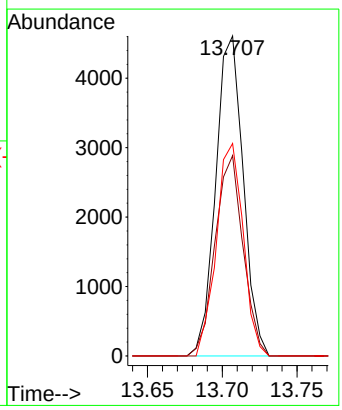
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

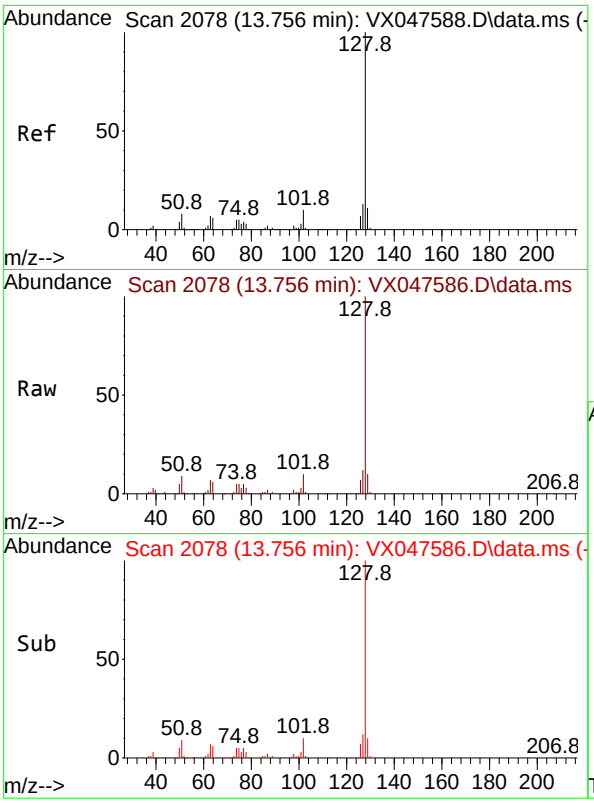


#94
Hexachlorobutadiene
Concen: 5.158 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:225 Resp: 5894

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.7	95.1
227	64.7	32.0	96.0

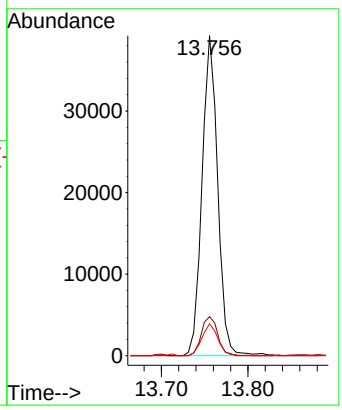




#95
Naphthalene
Concen: 4.808 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:128 Resp: 4925

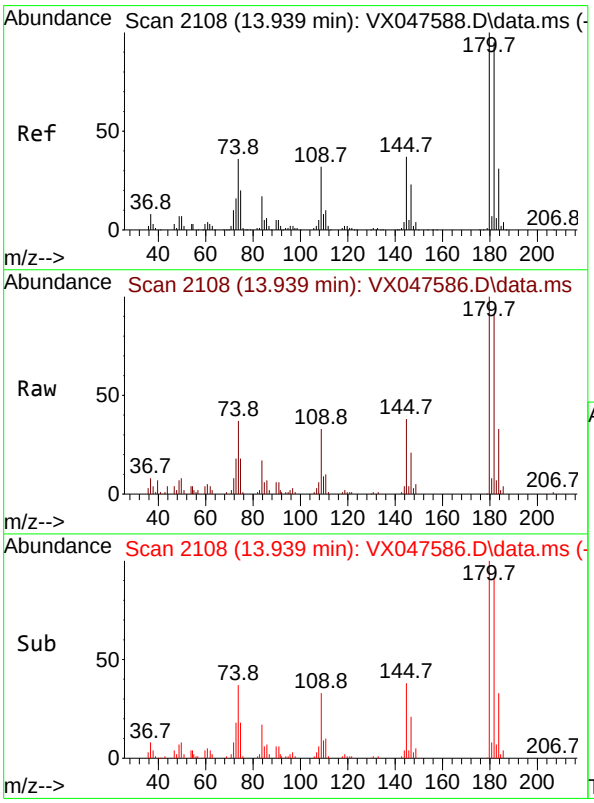
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.1	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

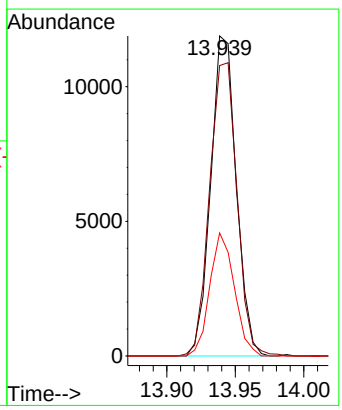
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.921 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:180 Resp: 15400

Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.6	142.8
145	37.1	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	189559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	336287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	298629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	49073	16.264	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 32.520%#			
35) Dibromofluoromethane	5.379	113	35788	15.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 31.740%#			
50) Toluene-d8	8.634	98	126875	16.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 32.520%#			
62) 4-Bromofluorobenzene	11.067	95	48454	16.360	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 32.720%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	44126	22.480	ug/l	100
3) Chloromethane	1.300	50	56023	21.716	ug/l	96
4) Vinyl Chloride	1.386	62	54256	21.485	ug/l	96
5) Bromomethane	1.617	94	34193	21.353	ug/l	100
6) Chloroethane	1.697	64	35551	21.063	ug/l	97
7) Trichlorofluoromethane	1.898	101	78667	20.980	ug/l	100
8) Diethyl Ether	2.136	74	31335	20.429	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	45733	20.859	ug/l	98
10) Methyl Iodide	2.459	142	69935	20.452	ug/l	99
11) Tert butyl alcohol	2.946	59	32456	96.582	ug/l	98
12) 1,1-Dichloroethene	2.325	96	46863	20.808	ug/l	96
13) Acrolein	2.239	56	26159	84.473	ug/l	100
14) Allyl chloride	2.666	41	94710	20.379	ug/l	97
15) Acrylonitrile	3.062	53	130143	104.554	ug/l	99
16) Acetone	2.373	43	151538	115.507	ug/l	100
17) Carbon Disulfide	2.520	76	133296	21.620	ug/l	98
18) Methyl Acetate	2.703	43	54120	18.536	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	168426	20.486	ug/l	98
20) Methylene Chloride	2.788	84	57153	20.581	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	50413	20.791	ug/l	94
22) Diisopropyl ether	3.757	45	188598	20.940	ug/l	96
23) Vinyl Acetate	3.715	43	765675	106.218	ug/l	100
24) 1,1-Dichloroethane	3.605	63	98509	20.578	ug/l	99
25) 2-Butanone	4.538	43	179487	109.679	ug/l	94
26) 2,2-Dichloropropane	4.471	77	81413	20.459	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	60865	20.497	ug/l	98
28) Bromochloromethane	4.891	49	34085	16.309	ug/l	100
29) Tetrahydrofuran	4.995	42	102935	104.560	ug/l	97
30) Chloroform	5.080	83	103586	21.413	ug/l	99
31) Cyclohexane	5.464	56	82770	20.759	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	86500	21.081	ug/l	99
36) 1,1-Dichloropropene	5.684	75	68395	20.754	ug/l	99
37) Ethyl Acetate	4.702	43	74499	21.113	ug/l	96
38) Carbon Tetrachloride	5.665	117	74636	20.844	ug/l	95
39) Methylcyclohexane	7.366	83	79499	21.251	ug/l	98
40) Benzene	6.025	78	210711	21.051	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	38525	21.148	ug/l		99
42) 1,2-Dichloroethane	6.074	62	80646	21.175	ug/l		99
43) Isopropyl Acetate	6.324	43	119623	20.670	ug/l		100
44) Trichloroethene	7.110	130	51369	21.228	ug/l		97
45) 1,2-Dichloropropane	7.415	63	53046	20.697	ug/l		97
46) Dibromomethane	7.568	93	38910	20.862	ug/l		99
47) Bromodichloromethane	7.805	83	80831	21.002	ug/l		98
48) Methyl methacrylate	7.677	41	60182	20.877	ug/l		98
49) 1,4-Dioxane	7.647	88	12047	413.530	ug/l		95
51) 4-Methyl-2-Pentanone	8.561	43	338370	105.456	ug/l		100
52) Toluene	8.708	92	129193	20.950	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	80972	20.625	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	86648	20.650	ug/l		99
55) 1,1,2-Trichloroethane	9.140	97	49857	20.967	ug/l		98
56) Ethyl methacrylate	9.104	69	79011	21.158	ug/l		99
57) 1,3-Dichloropropane	9.293	76	85511	20.934	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	141395	86.617	ug/l		100
59) 2-Hexanone	9.415	43	250007	108.488	ug/l		99
60) Dibromochloromethane	9.506	129	57994	21.167	ug/l		99
61) 1,2-Dibromoethane	9.598	107	51614	21.310	ug/l		99
64) Tetrachloroethene	9.262	164	40840	20.979	ug/l		95
65) Chlorobenzene	10.061	112	140642	20.731	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.146	131	48022	20.513	ug/l		99
67) Ethyl Benzene	10.177	91	244737	20.907	ug/l		98
68) m/p-Xylenes	10.287	106	182778	41.951	ug/l		100
69) o-Xylene	10.628	106	87651	20.799	ug/l		98
70) Styrene	10.640	104	154077	20.866	ug/l		99
71) Bromoform	10.780	173	35922	20.550	ug/l	#	98
73) Isopropylbenzene	10.945	105	225730	20.970	ug/l		99
74) N-amyl acetate	10.829	43	104823	21.354	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	68132	20.920	ug/l		99
76) 1,2,3-Trichloropropane	11.225	75	60797m	20.680	ug/l		
77) Bromobenzene	11.183	156	56161	21.183	ug/l		99
78) n-propylbenzene	11.286	91	268399	21.092	ug/l		100
79) 2-Chlorotoluene	11.347	91	166237	21.329	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	187513	21.202	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	21553	19.173	ug/l		96
82) 4-Chlorotoluene	11.439	91	193122	20.980	ug/l		100
83) tert-Butylbenzene	11.695	119	189484	20.929	ug/l		100
84) 1,2,4-Trimethylbenzene	11.738	105	191477	21.355	ug/l		98
85) sec-Butylbenzene	11.872	105	223434	20.777	ug/l		100
86) p-Isopropyltoluene	11.994	119	190931	20.972	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	103584	21.035	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	105819	20.937	ug/l		99
89) n-Butylbenzene	12.317	91	176373	20.937	ug/l		99
90) Hexachloroethane	12.518	117	32526	20.349	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	99493	21.207	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	13729	20.821	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	62722	20.571	ug/l		96
94) Hexachlorobutadiene	13.707	225	20456	19.751	ug/l		98
95) Naphthalene	13.756	128	193134	20.801	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	58409	20.593	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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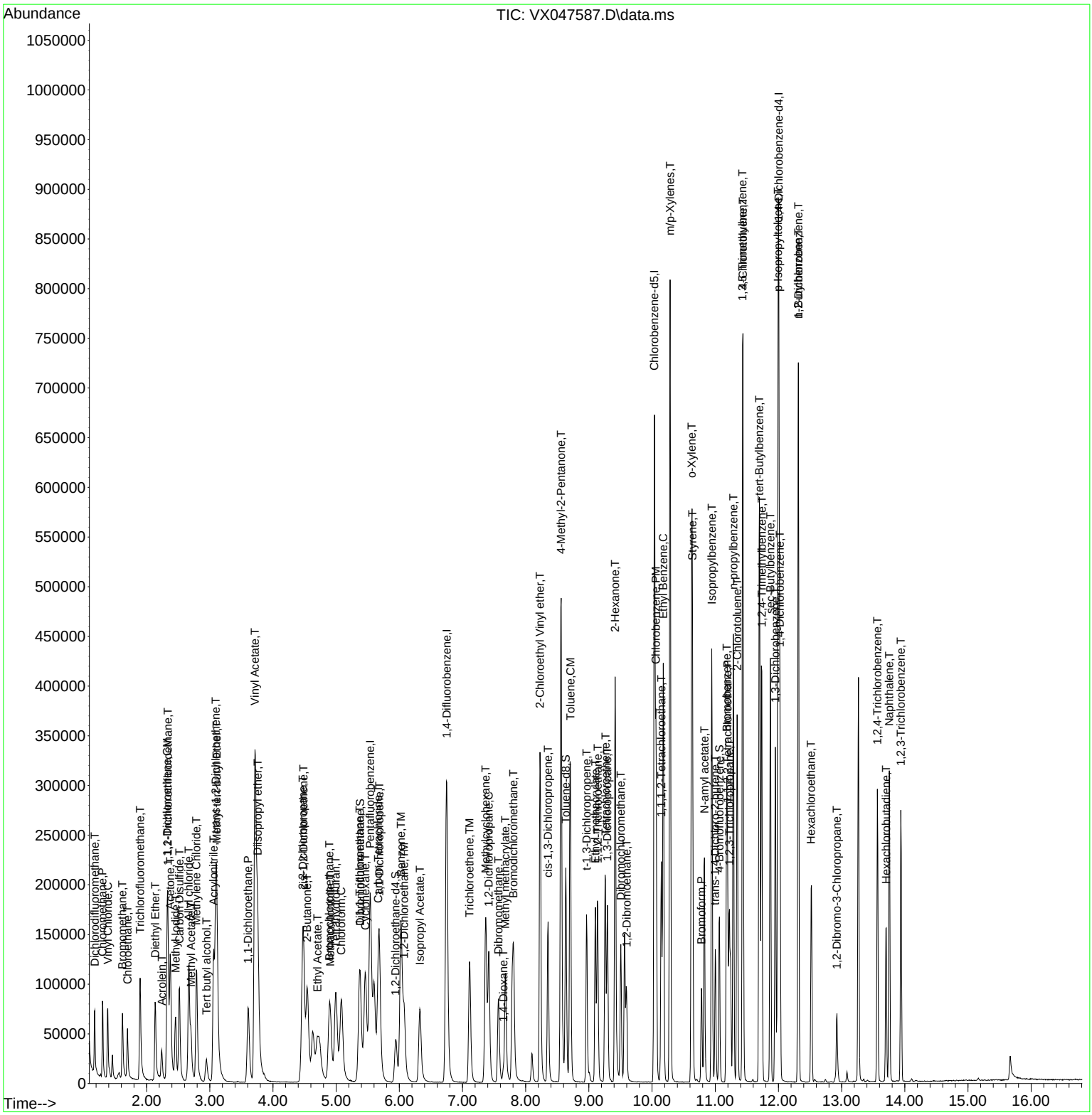
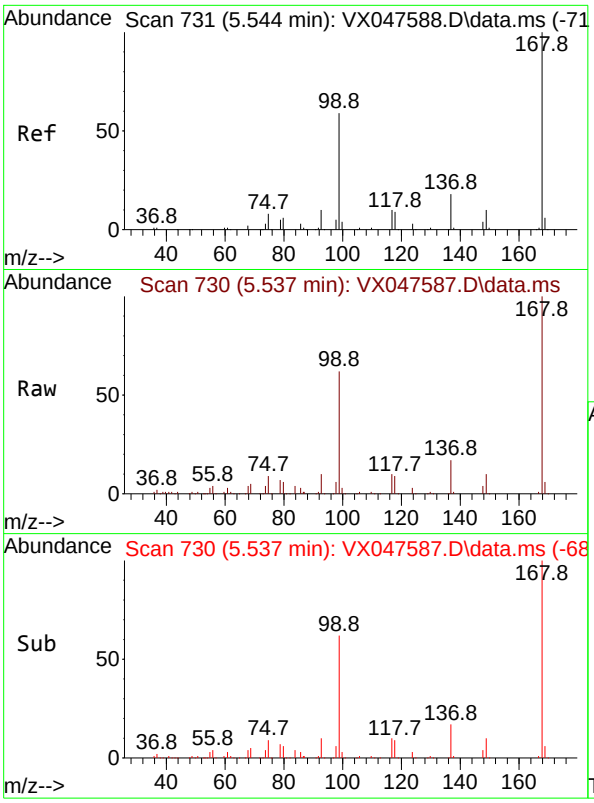
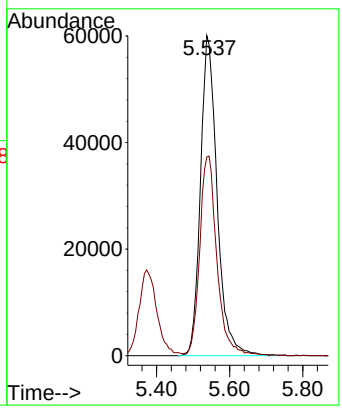




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:168 Resp: 18955

Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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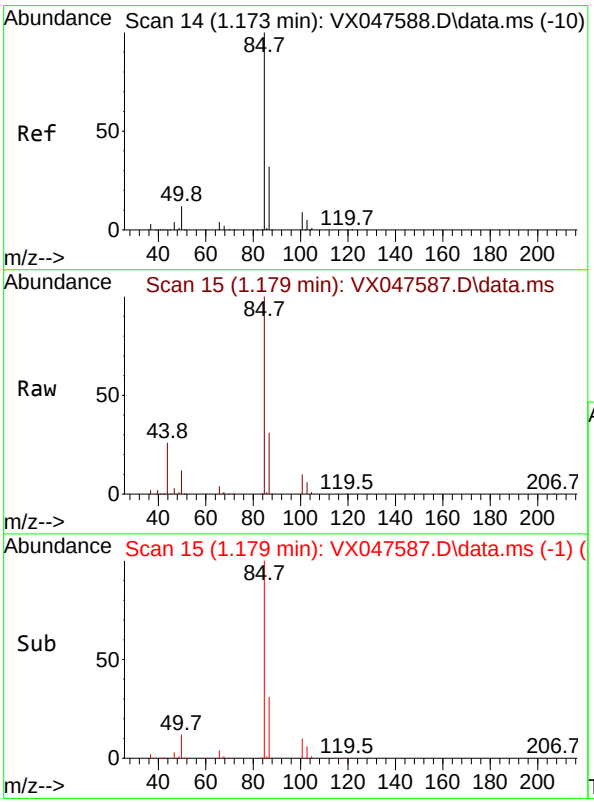
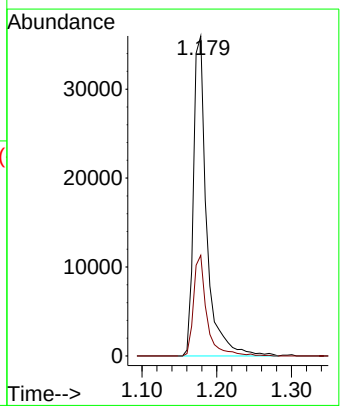
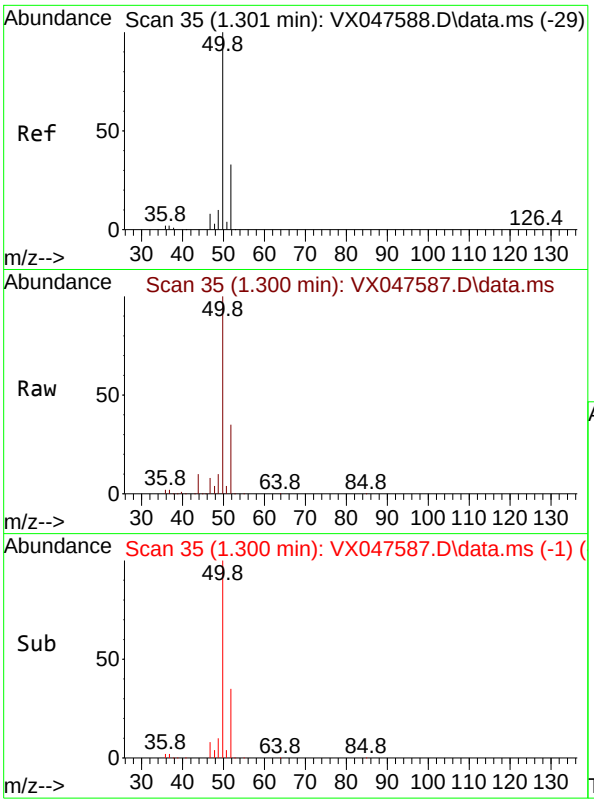


#2
Dichlorodifluoromethane
Concen: 22.480 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 85 Resp: 44126

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3

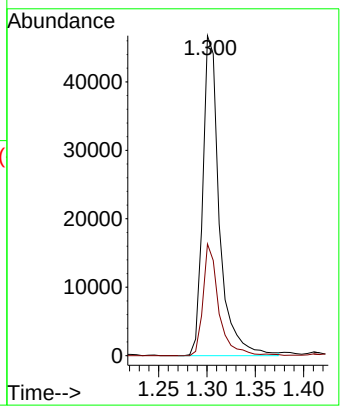




#3
Chloromethane
Concen: 21.716 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 50 Resp: 5602

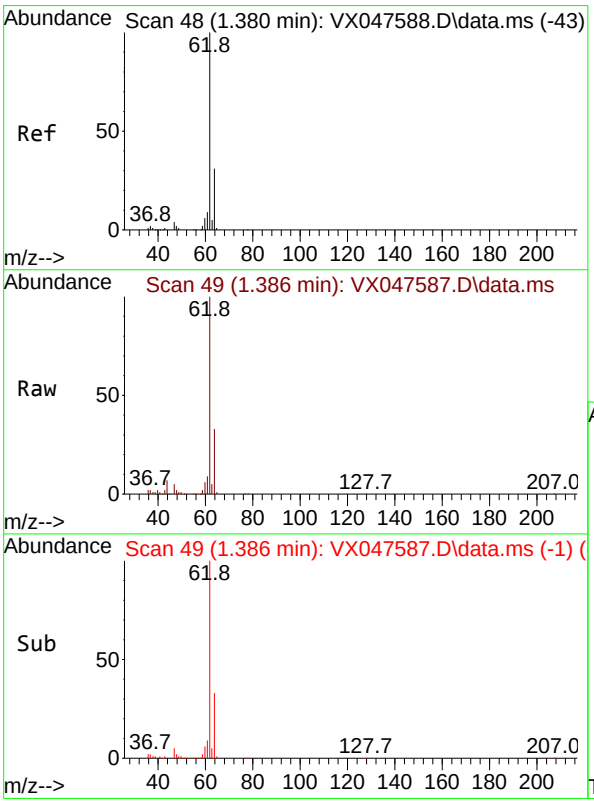
Ion	Ratio	Lower	Upper
50	100		
52	34.9	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

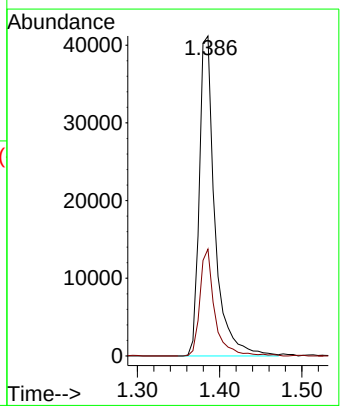
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

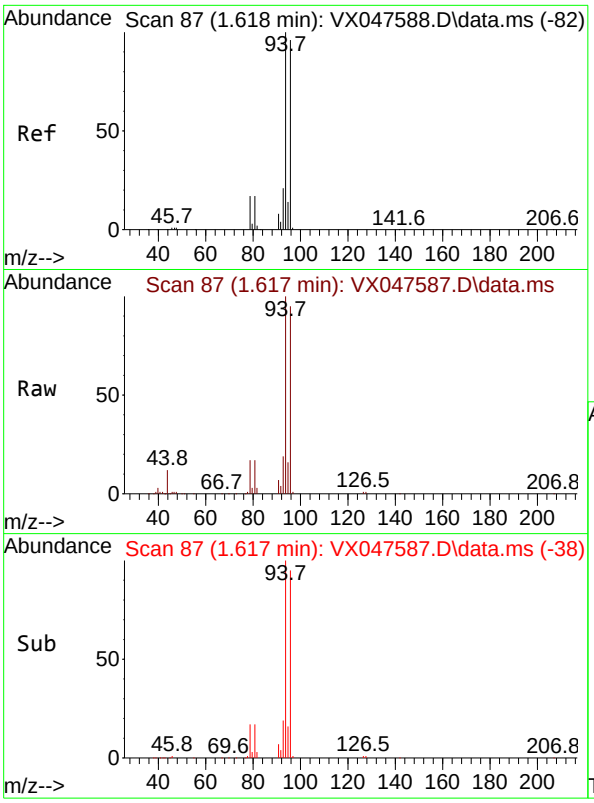


#4
Vinyl Chloride
Concen: 21.485 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 54256

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.9	37.3

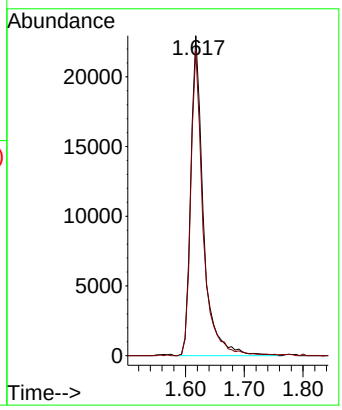




#5
Bromomethane
Concen: 21.353 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 94 Resp: 3419

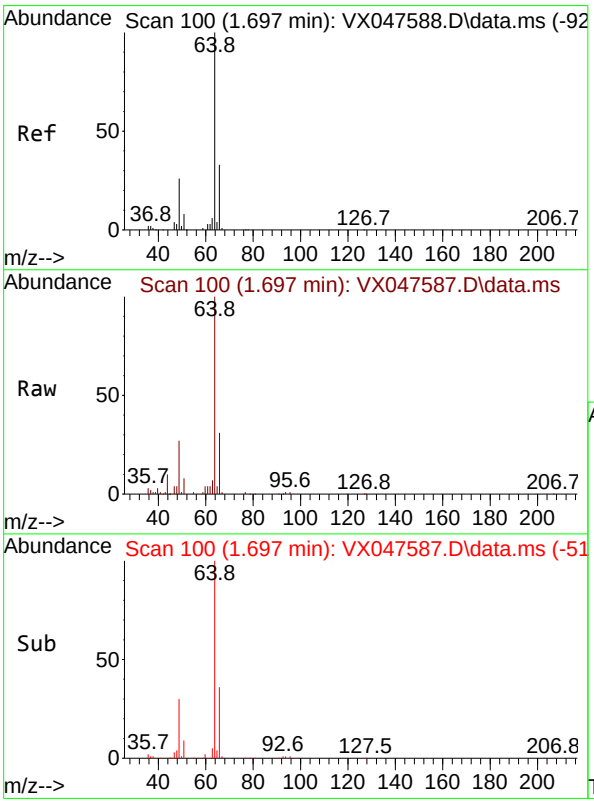
Ion	Ratio	Lower	Upper
94	100		
96	95.3	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

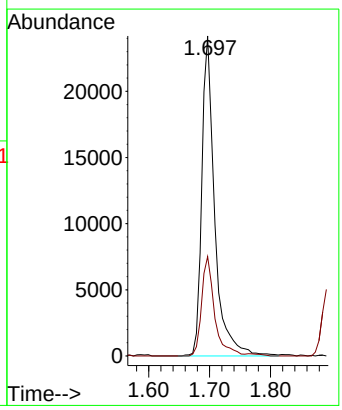
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

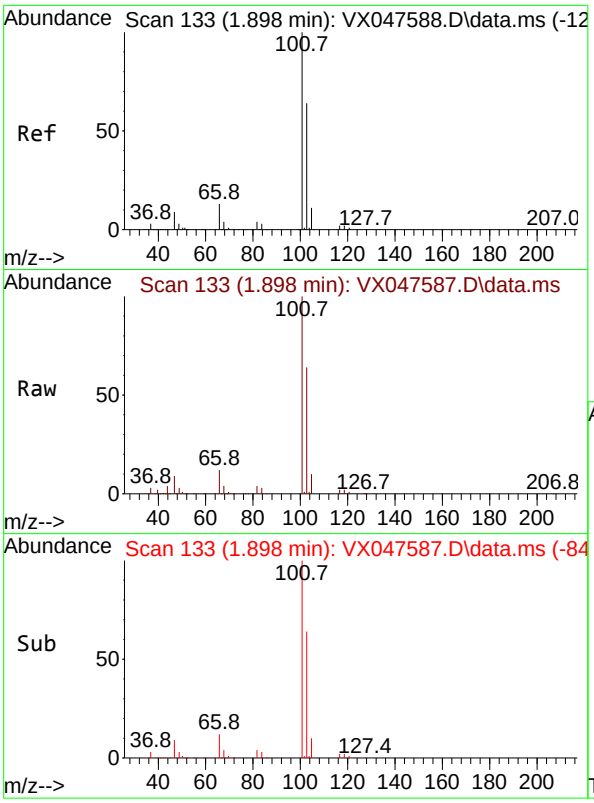


#6
Chloroethane
Concen: 21.063 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 64 Resp: 35551

Ion	Ratio	Lower	Upper
64	100		
66	31.0	26.1	39.1

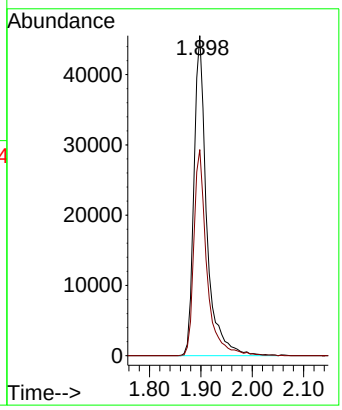




#7
Trichlorofluoromethane
Concen: 20.980 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:101 Resp: 7866

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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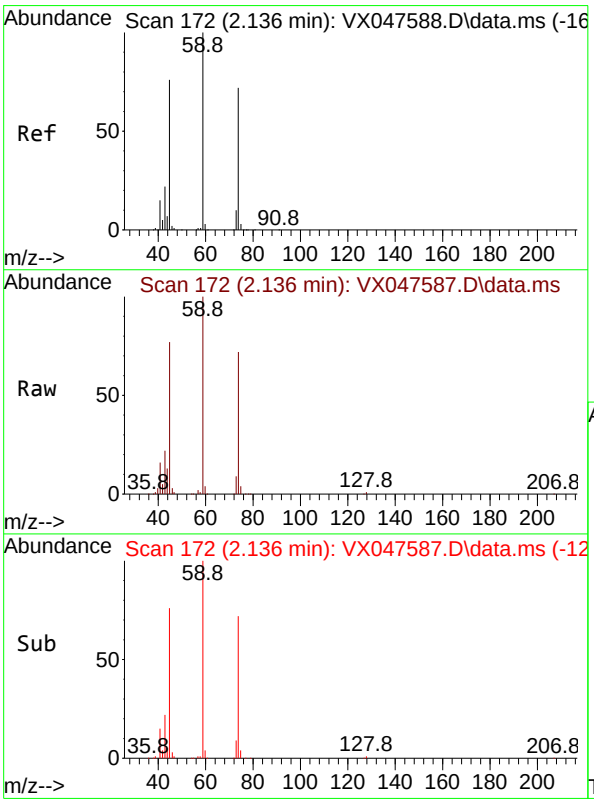
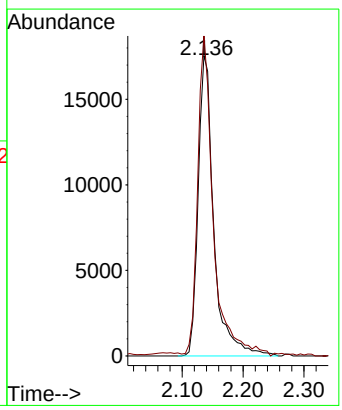
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

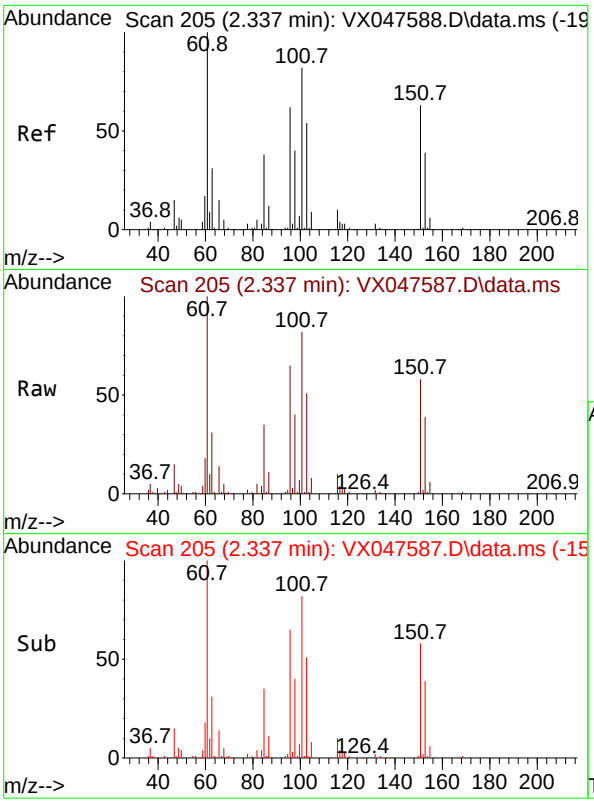


#8
Diethyl Ether
Concen: 20.429 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 74 Resp: 31335

Ion	Ratio	Lower	Upper
74	100		
45	107.0	52.3	156.8

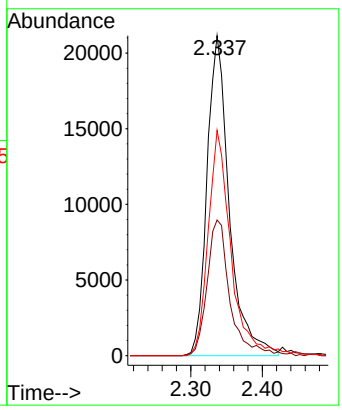




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.859 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:101 Resp: 4573

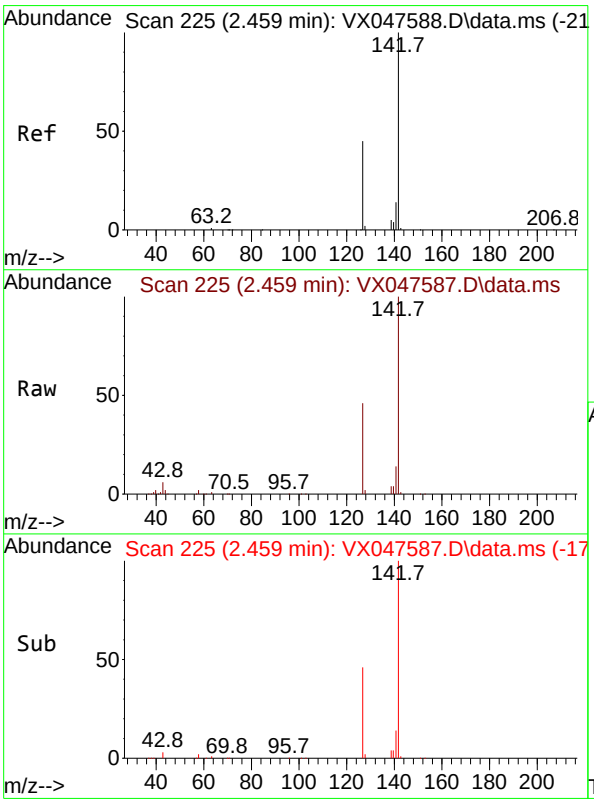
Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.5	53.3
151	72.1	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

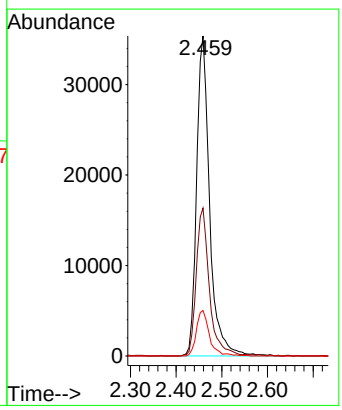
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

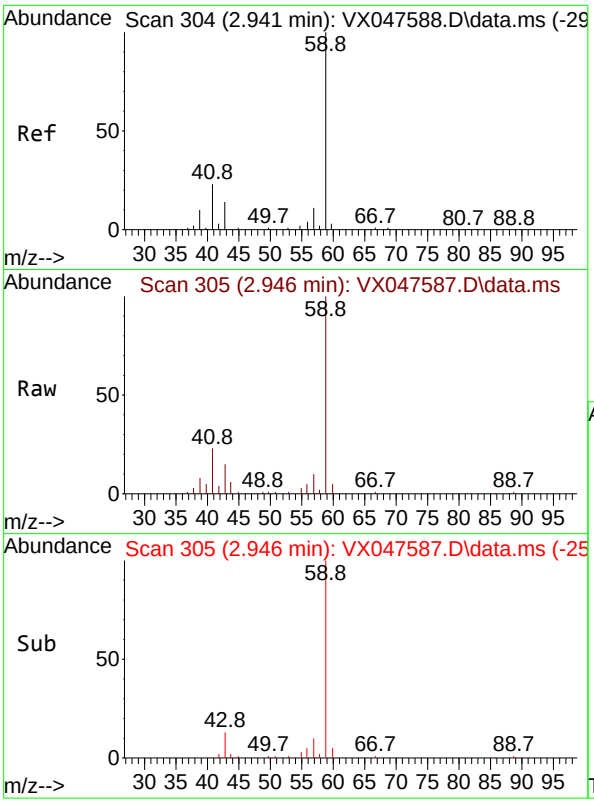


#10
Methyl Iodide
Concen: 20.452 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:142 Resp: 69935

Ion	Ratio	Lower	Upper
142	100		
127	46.9	37.2	55.8
141	14.3	11.4	17.0

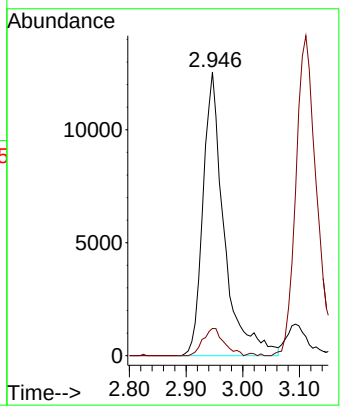




#11
Tert butyl alcohol
Concen: 96.582 ug/l
RT: 2.946 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 59 Resp: 3245

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
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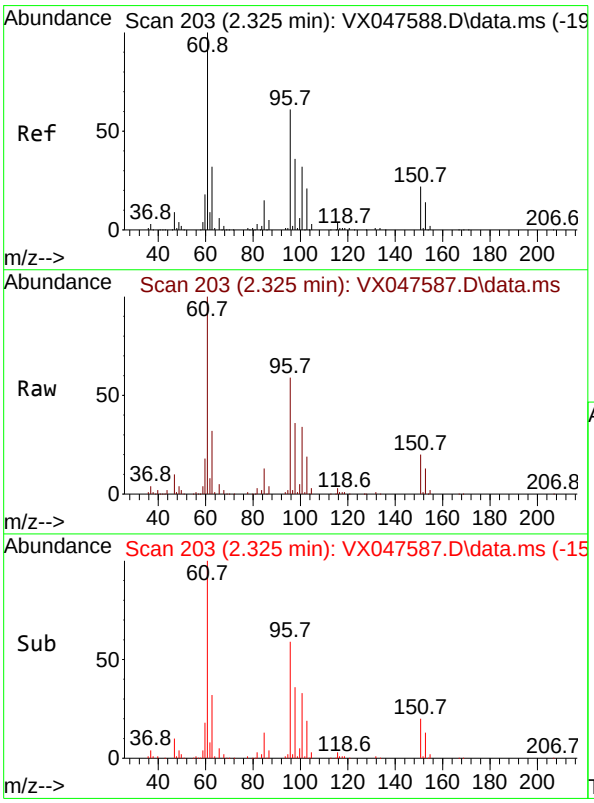
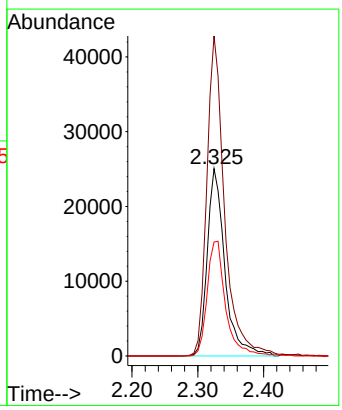
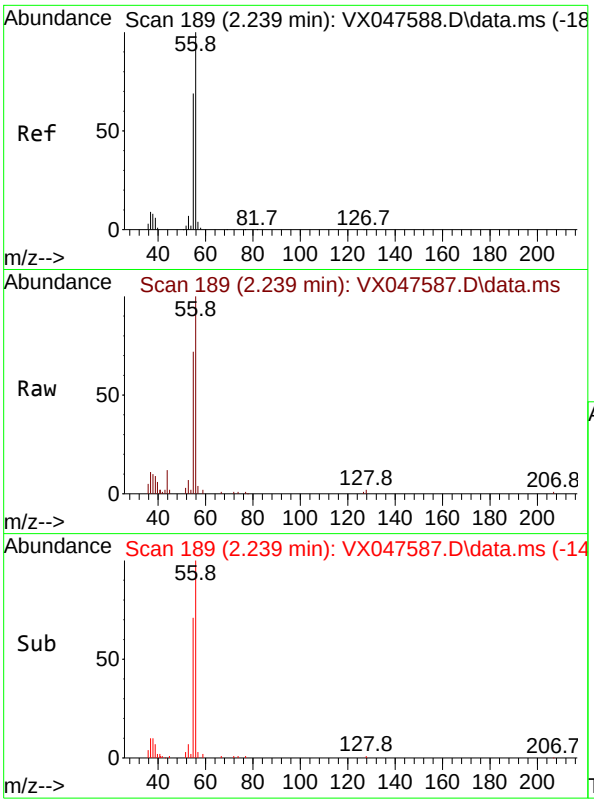


#12
1,1-Dichloroethene
Concen: 20.808 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 46863

Ion	Ratio	Lower	Upper
96	100		
61	170.7	131.0	196.6
98	60.8	47.7	71.5

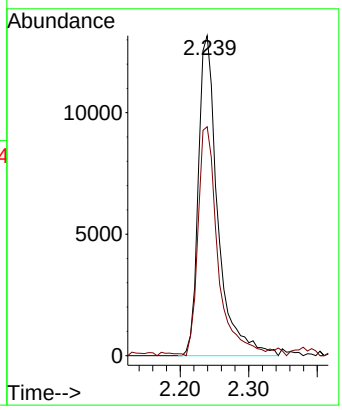




#13
Acrolein
Concen: 84.473 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 56 Resp: 2615

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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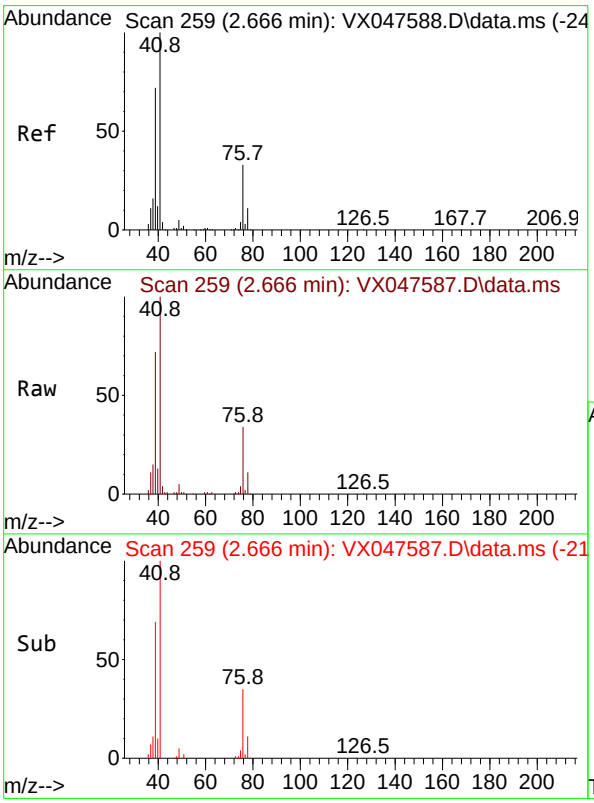
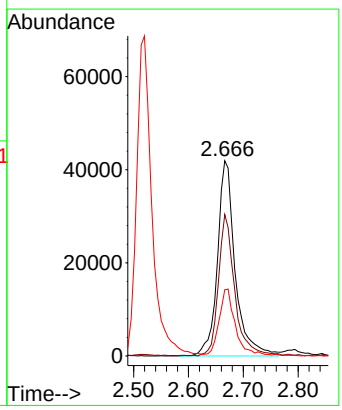
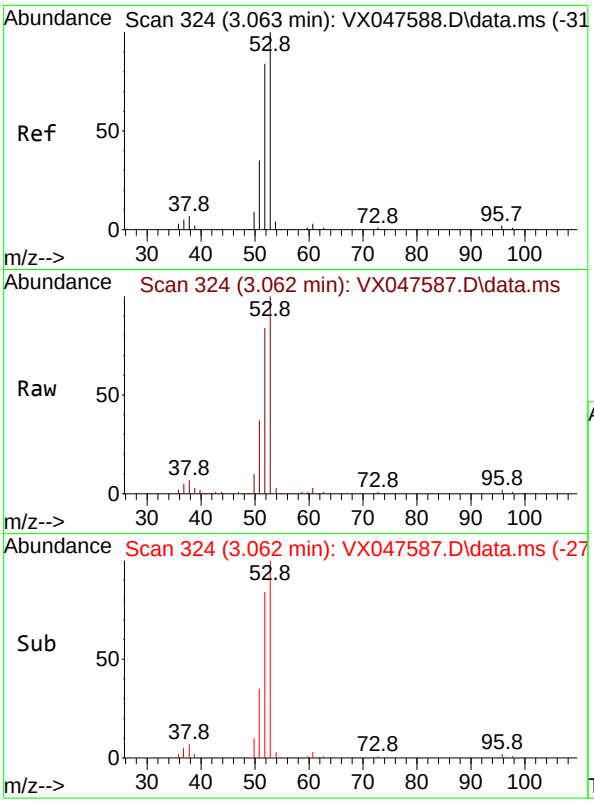


#14
Allyl chloride
Concen: 20.379 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 94710

Ion	Ratio	Lower	Upper
41	100		
39	65.5	54.7	82.1
76	30.3	25.7	38.5

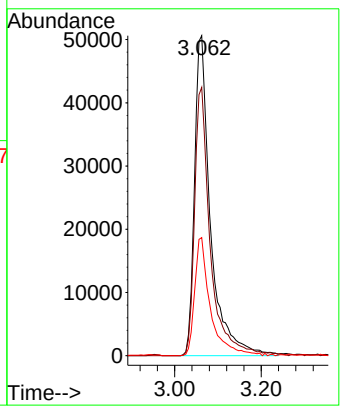




#15
Acrylonitrile
Concen: 104.554 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 53 Resp: 13014

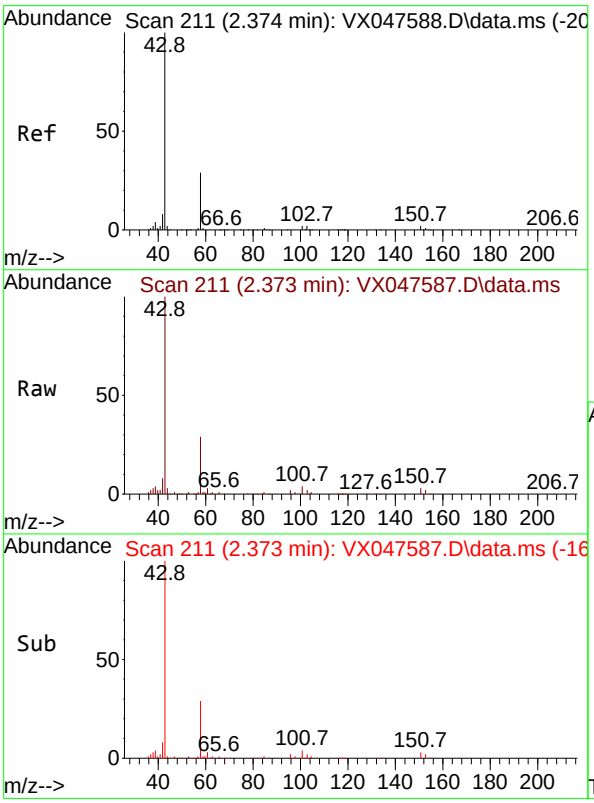
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

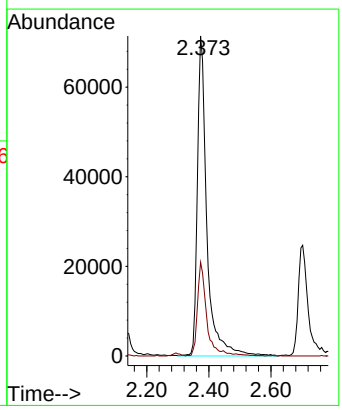
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

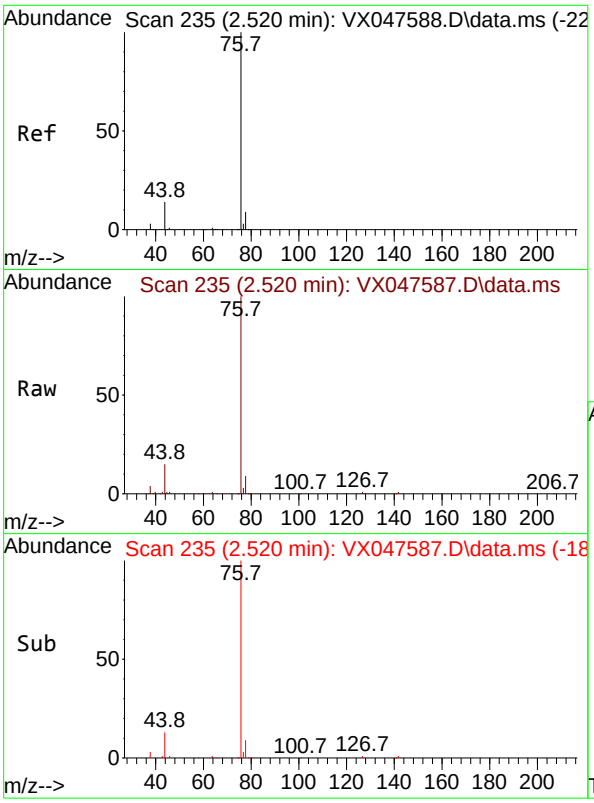


#16
Acetone
Concen: 115.507 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 151538

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.0

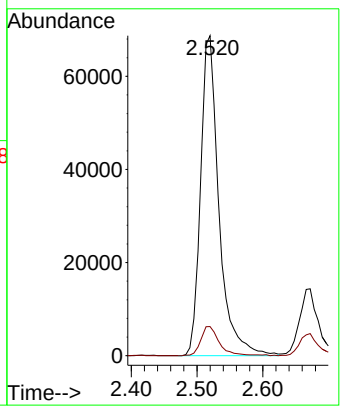




#17
Carbon Disulfide
Concen: 21.620 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 76 Resp: 13329

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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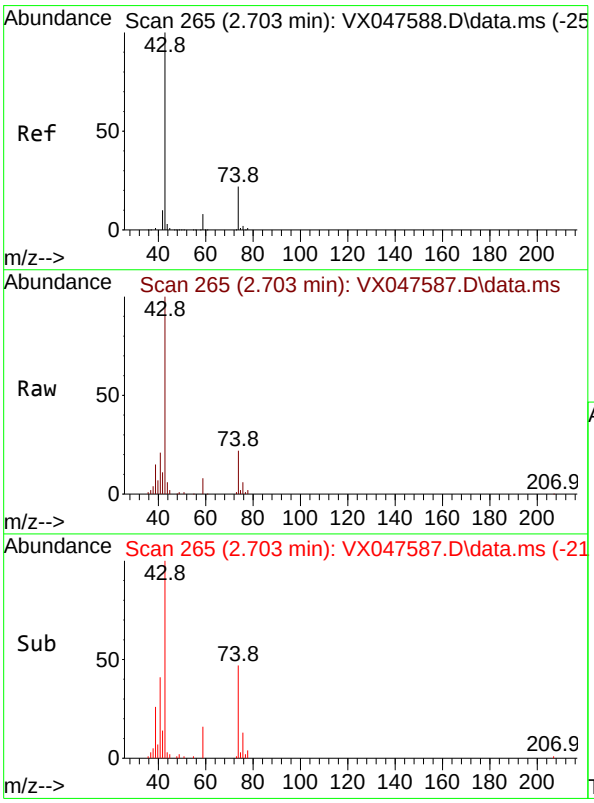
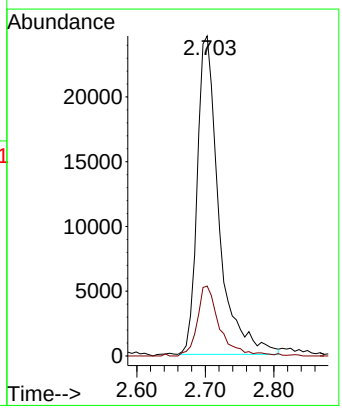
Supervised By :Mahesh Dadoda 09/18/2025

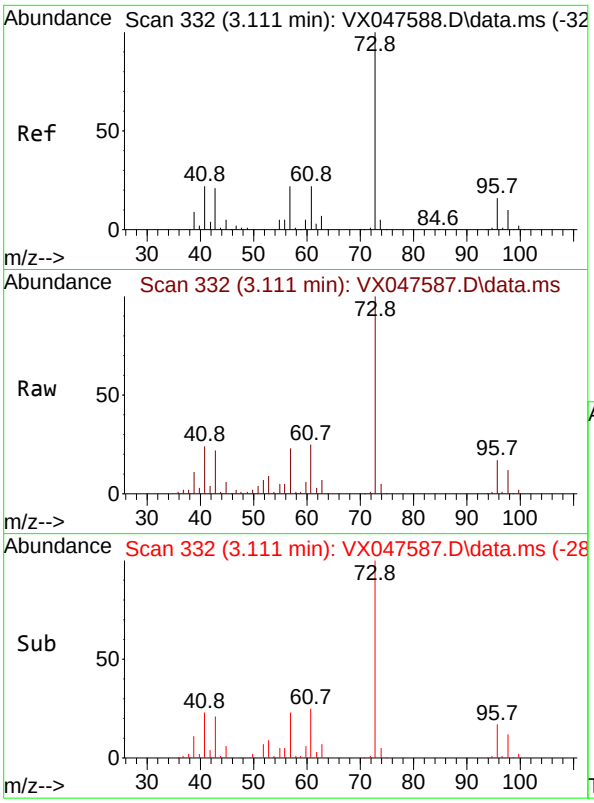


#18
Methyl Acetate
Concen: 18.536 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 54120

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2

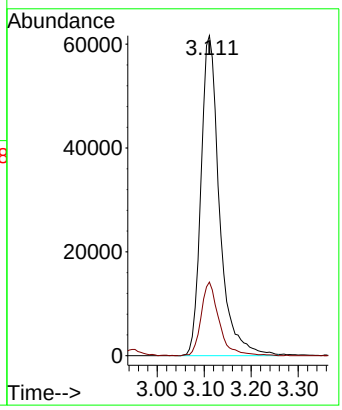




#19
Methyl tert-butyl Ether
Concen: 20.486 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 73 Resp: 16842

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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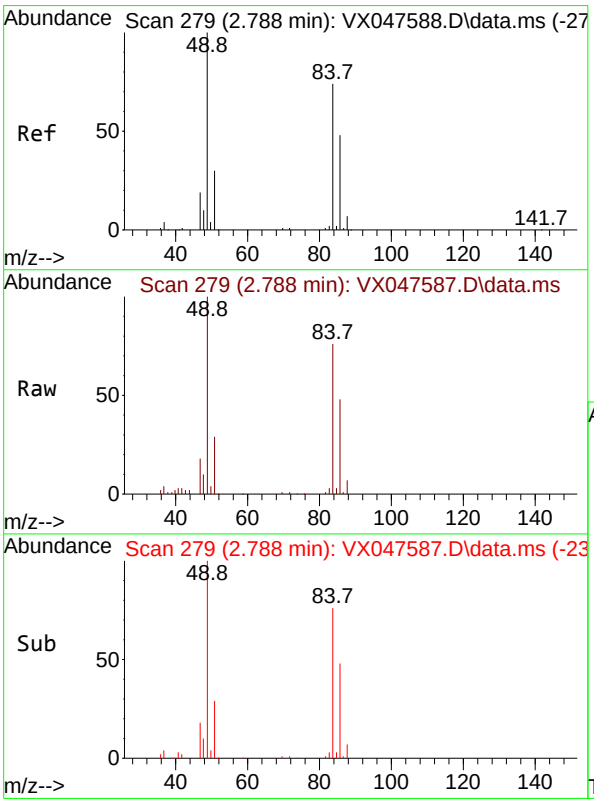
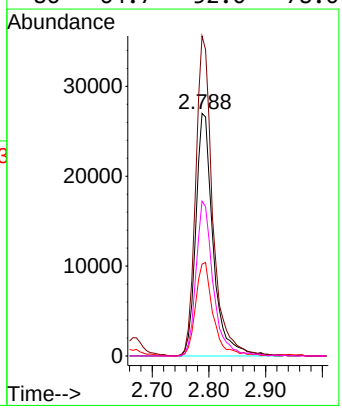
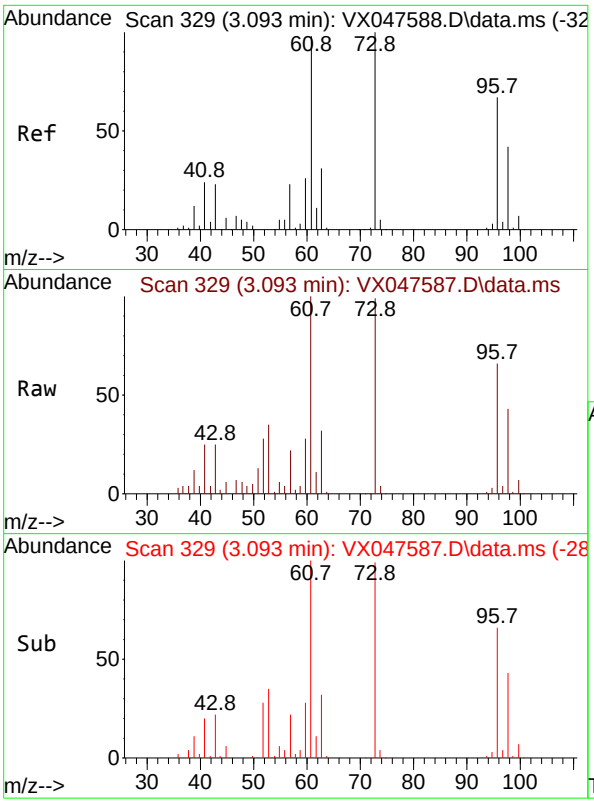


#20
Methylene Chloride
Concen: 20.581 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 84 Resp: 57153

Ion	Ratio	Lower	Upper
84	100		
49	131.7	108.6	162.8
51	37.9	32.6	48.8
86	64.7	52.0	78.0

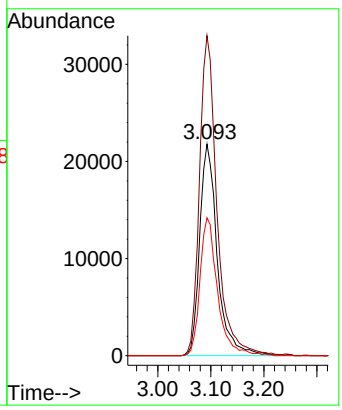




#21
trans-1,2-Dichloroethene
Concen: 20.791 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 5041

Ion	Ratio	Lower	Upper
96	100		
61	151.3	116.2	174.2
98	67.2	49.3	73.9



Instrument :
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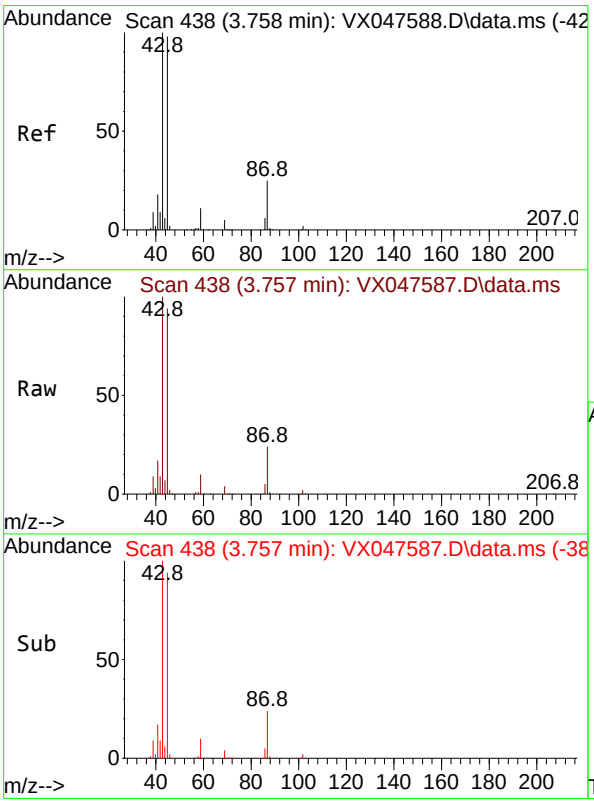
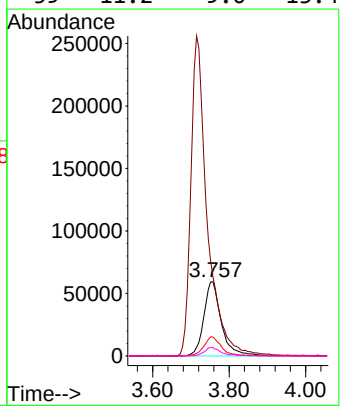
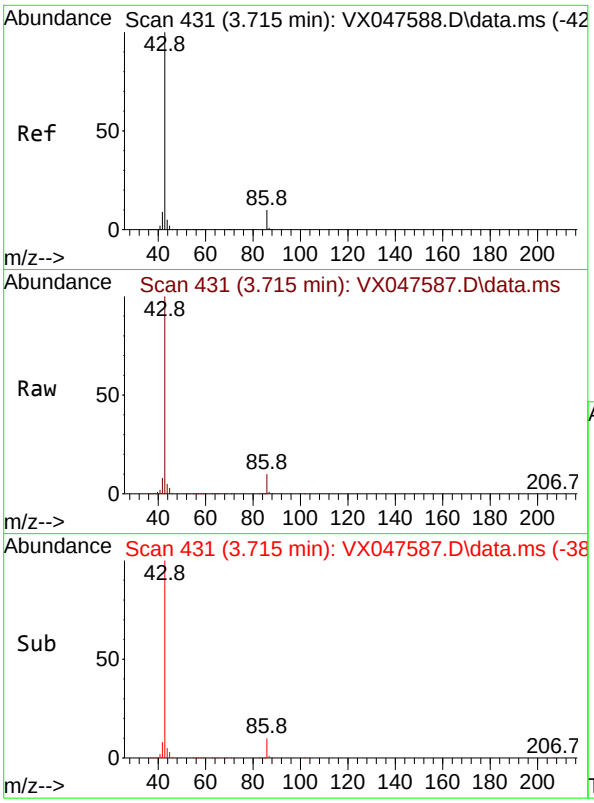


#22
Diisopropyl ether
Concen: 20.940 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 45 Resp: 188598

Ion	Ratio	Lower	Upper
45	100		
43	106.1	81.0	121.4
87	25.5	20.3	30.5
59	11.2	9.0	13.4





#23
Vinyl Acetate
Concen: 106.218 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 76567

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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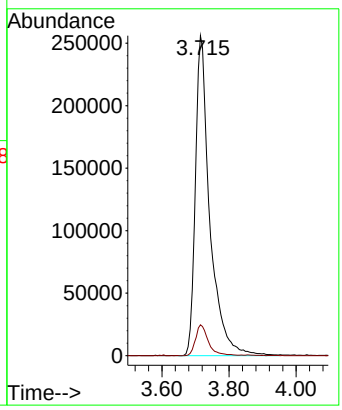
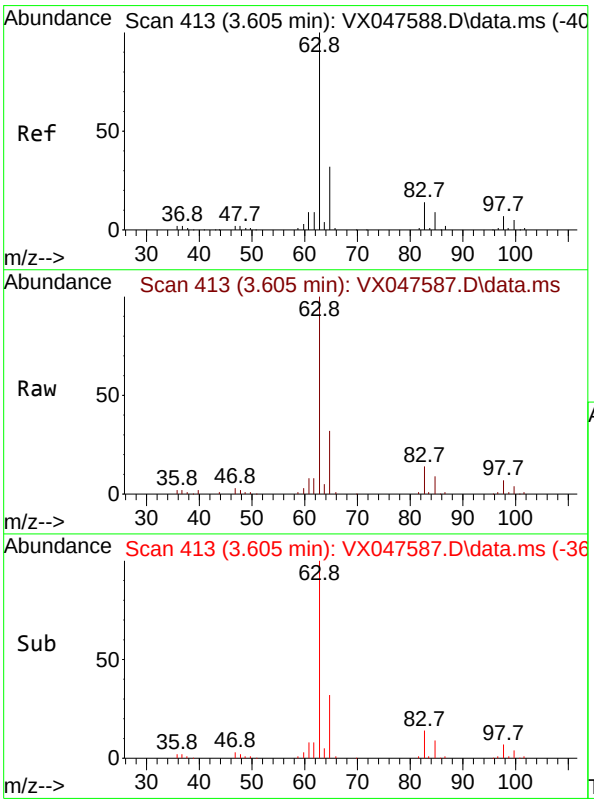
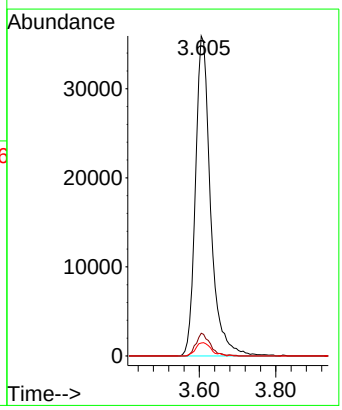


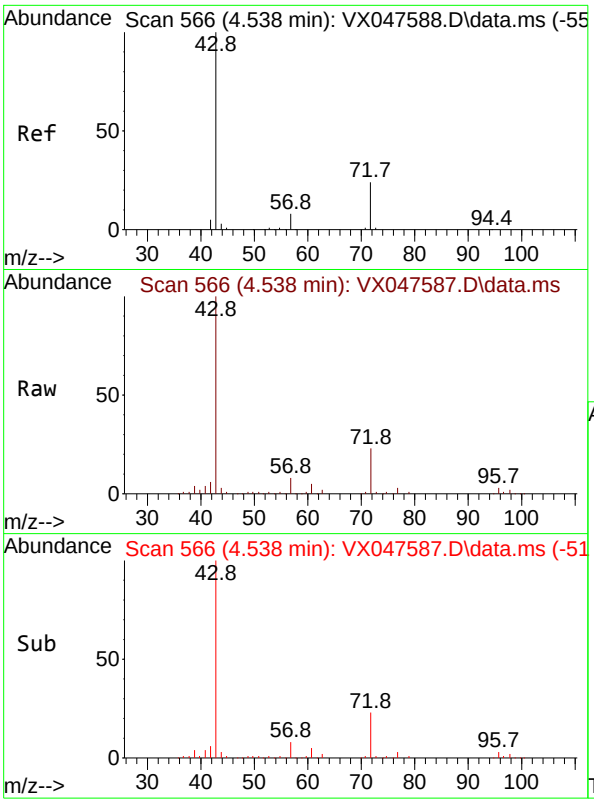


#24
1,1-Dichloroethane
Concen: 20.578 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 98509

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	4.1	2.3	6.9





#25
2-Butanone
Concen: 109.679 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 17948

Ion	Ratio	Lower	Upper
43	100		
72	22.3	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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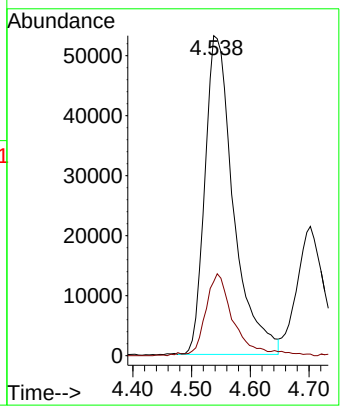
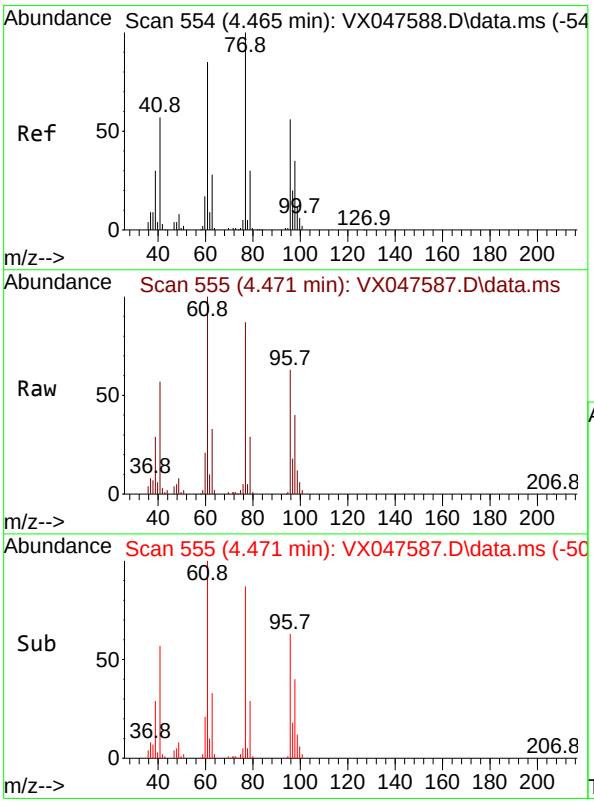
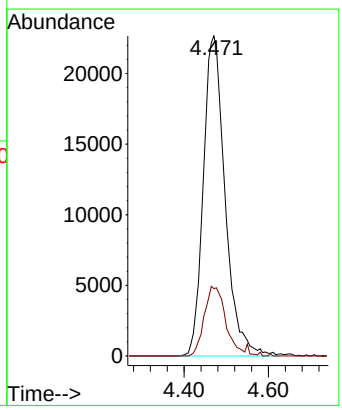


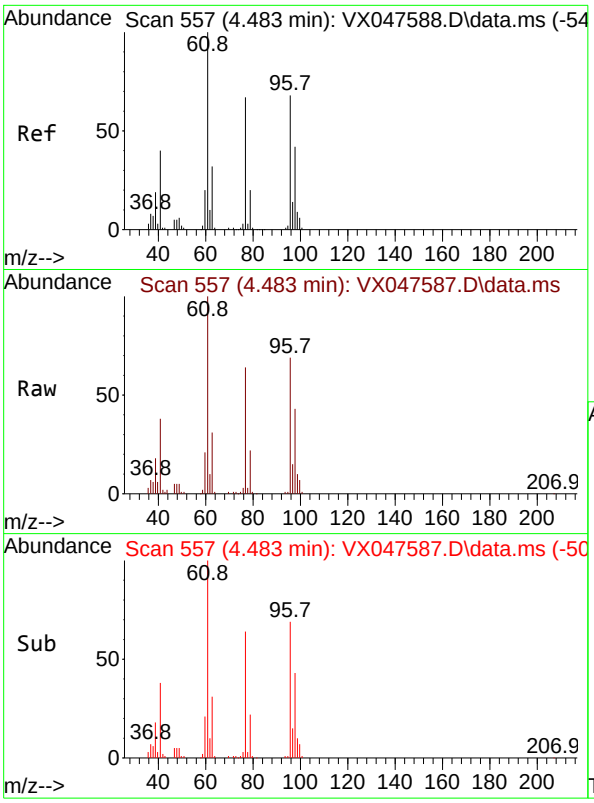


#26
2,2-Dichloropropane
Concen: 20.459 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 77 Resp: 81413

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.9	32.7

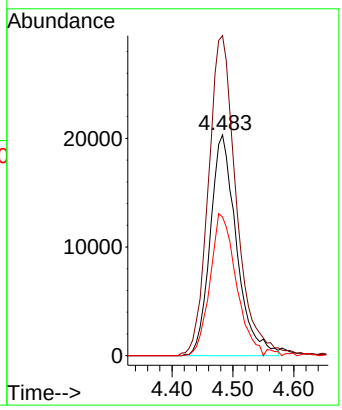




#27
cis-1,2-Dichloroethene
Concen: 20.497 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 96 Resp: 6086

Ion	Ratio	Lower	Upper
96	100		
61	154.8	0.0	303.2
98	63.7	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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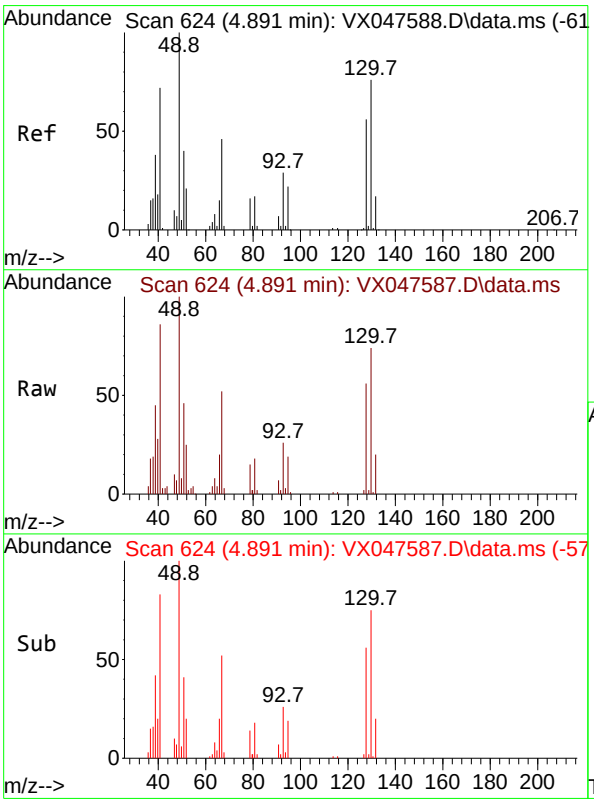
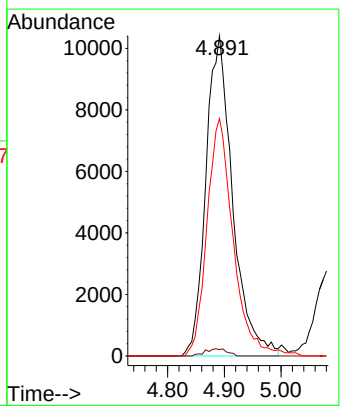
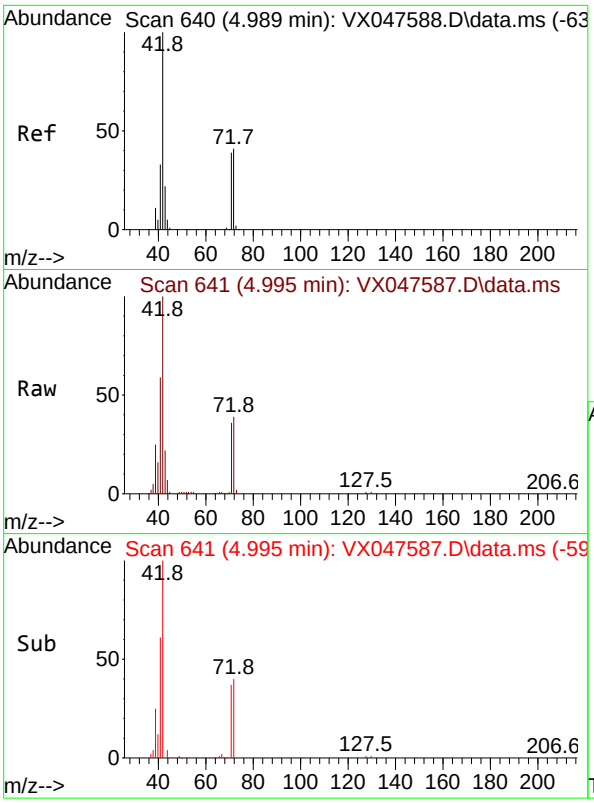


#28
Bromochloromethane
Concen: 16.309 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 49 Resp: 34085

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	72.7	57.8	86.8





#29
Tetrahydrofuran
Concen: 104.560 ug/l
RT: 4.995 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 42 Resp: 10293

Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.2	51.2
71	37.8	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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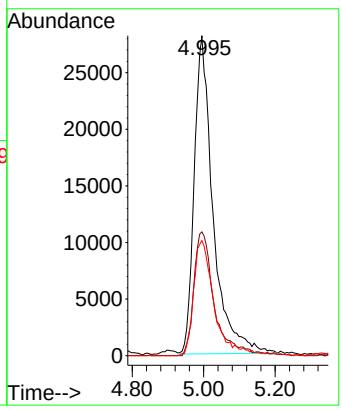
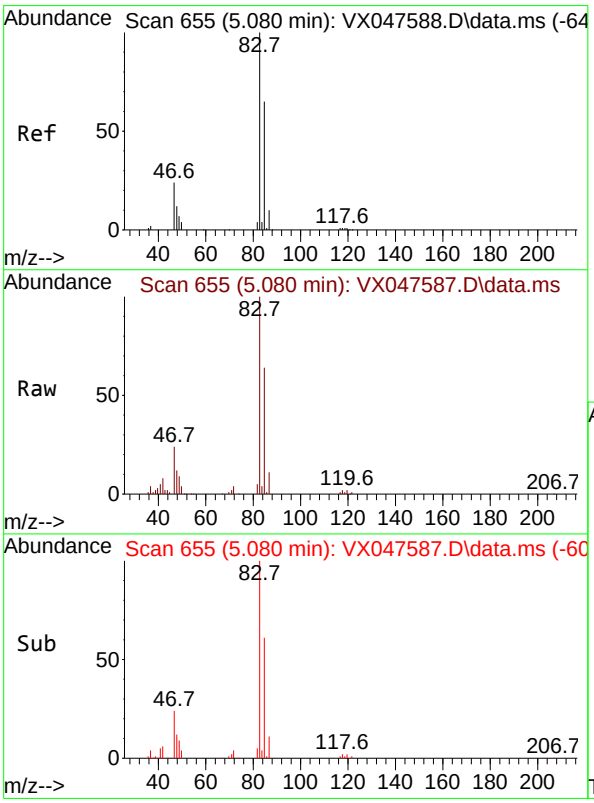
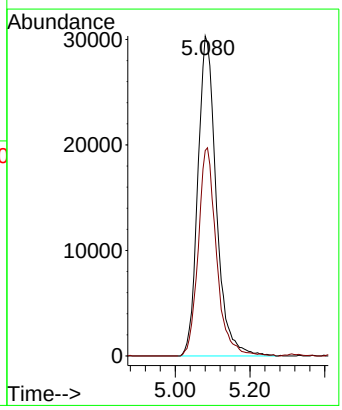


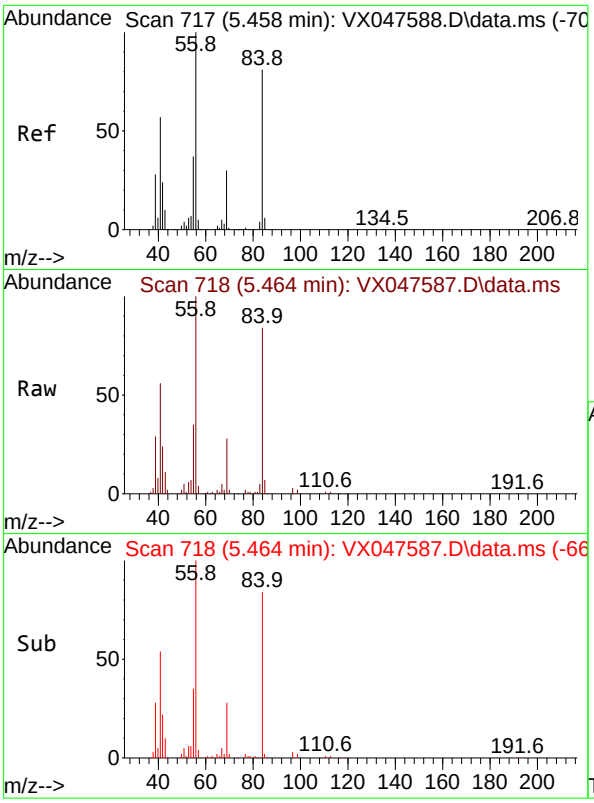


#30
Chloroform
Concen: 21.413 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 103586

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6

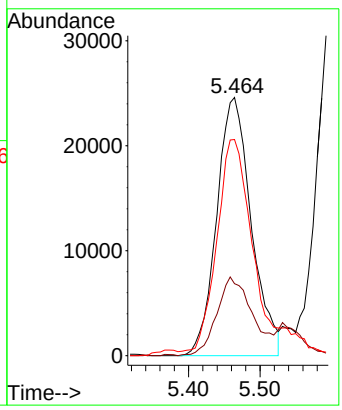




#31
Cyclohexane
Concen: 20.759 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 56 Resp: 8277

Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.8	35.8
84	82.2	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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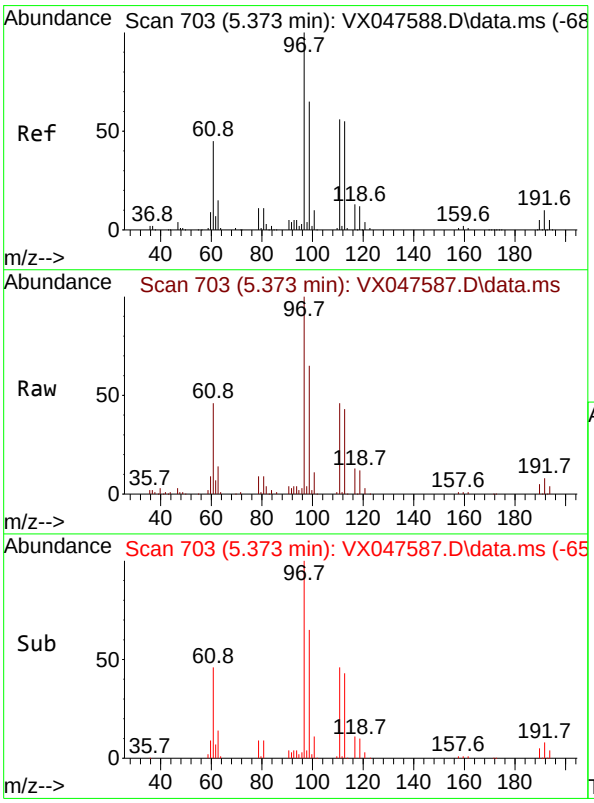
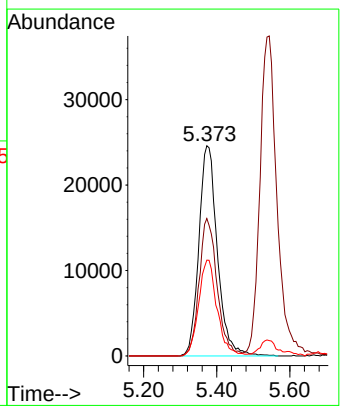
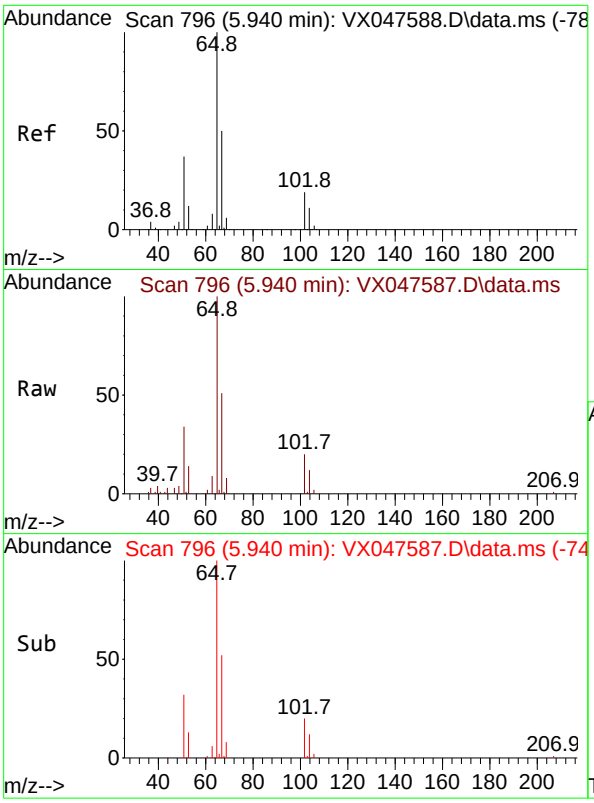


#32
1,1,1-Trichloroethane
Concen: 21.081 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 97 Resp: 86500

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	45.5	35.8	53.8

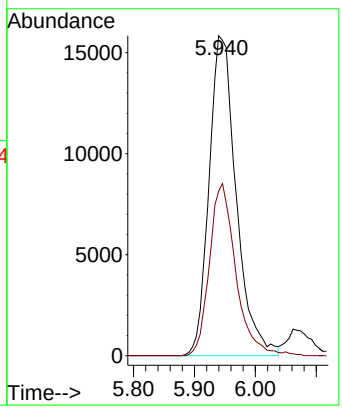




#33
1,2-Dichloroethane-d4
Concen: 16.264 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 65 Resp: 4907

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0



Instrument :
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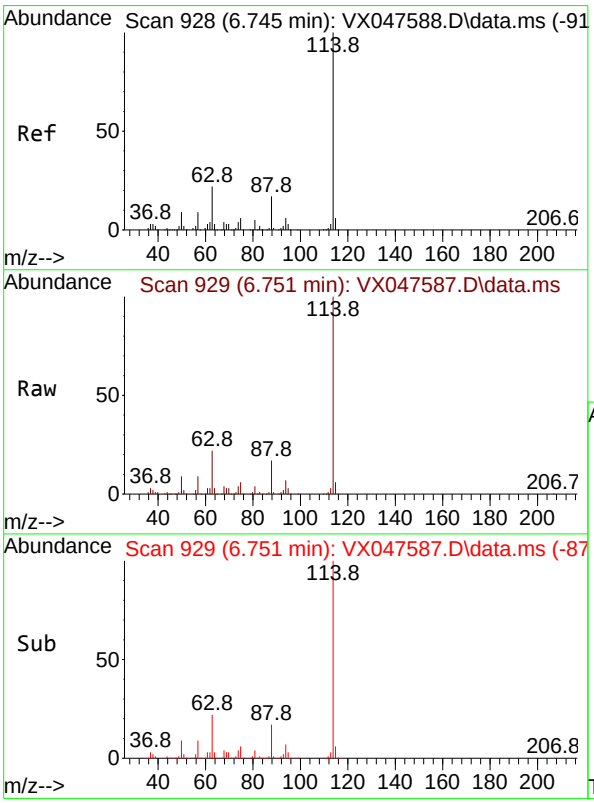
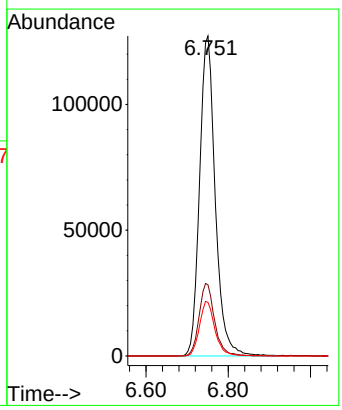
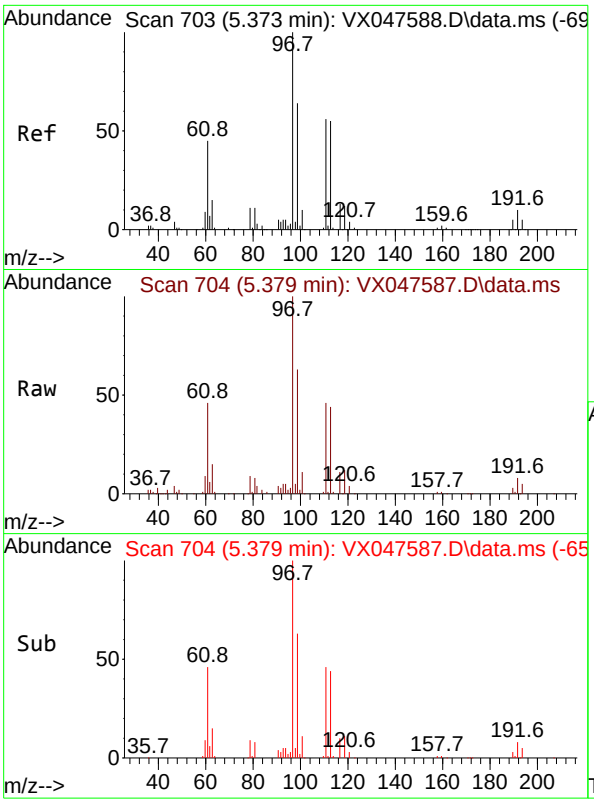


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:114 Resp: 336287

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2

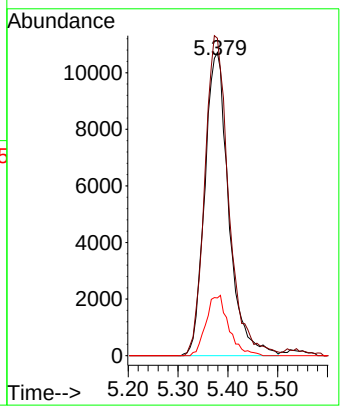




#35
Dibromofluoromethane
Concen: 15.868 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:113 Resp: 3578

Ion	Ratio	Lower	Upper
113	100		
111	105.7	80.9	121.3
192	18.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
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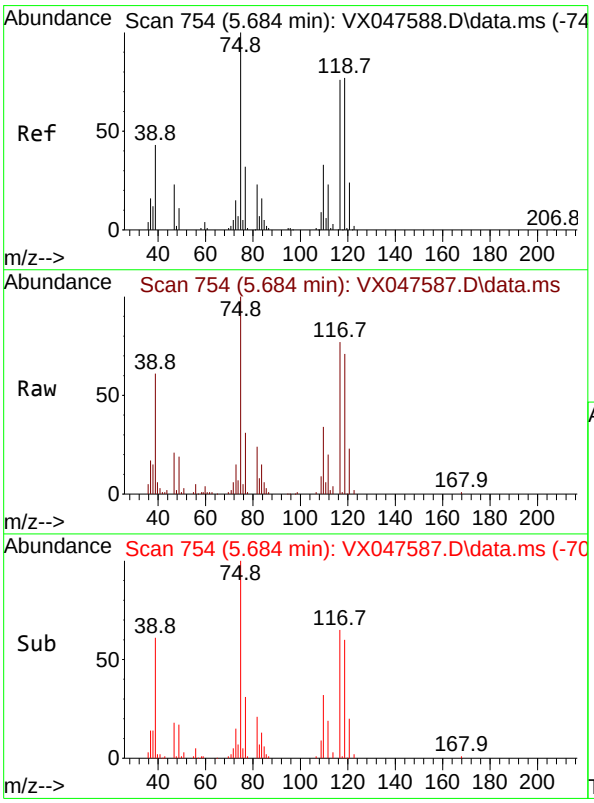
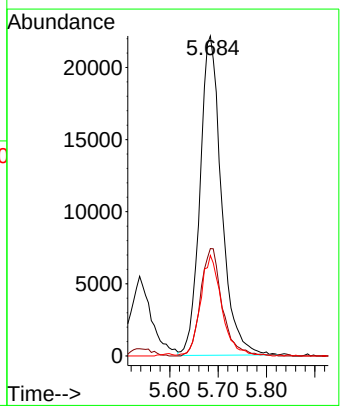
Supervised By :Mahesh Dadoda 09/18/2025

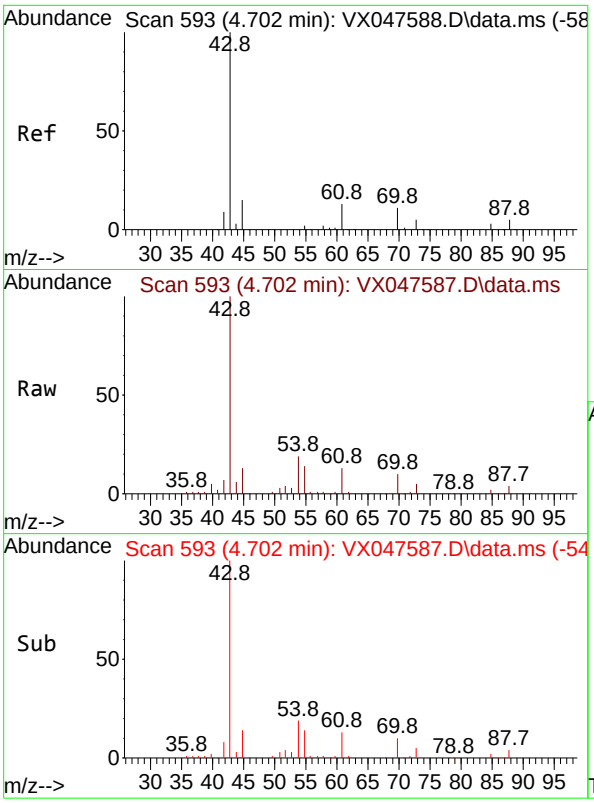


#36
1,1-Dichloropropene
Concen: 20.754 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 68395

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	31.2	24.3	36.5

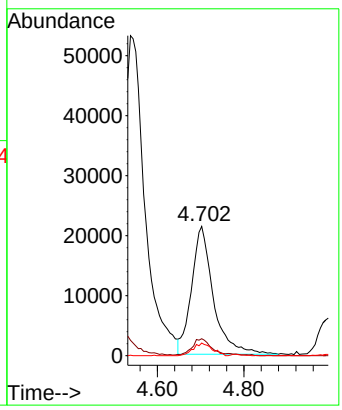




#37
Ethyl Acetate
Concen: 21.113 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 7449

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	8.5	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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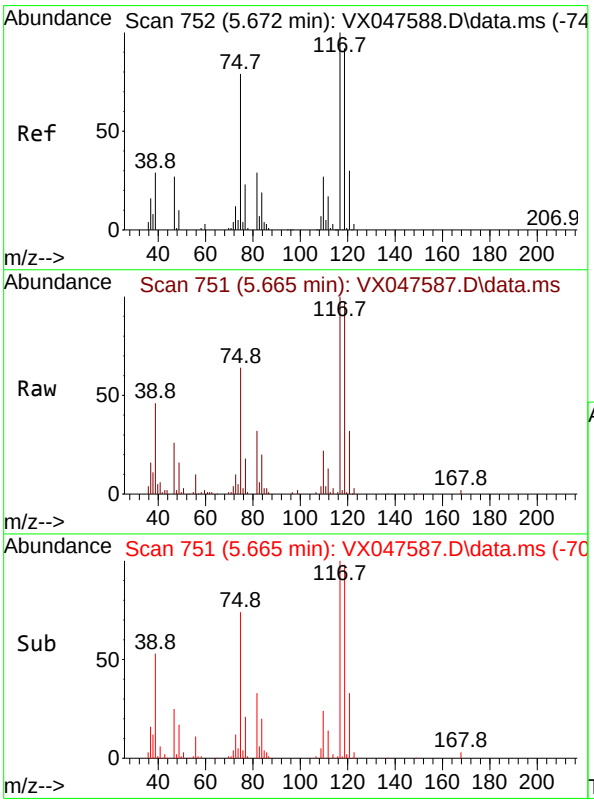
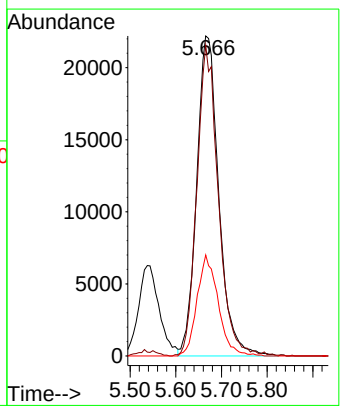
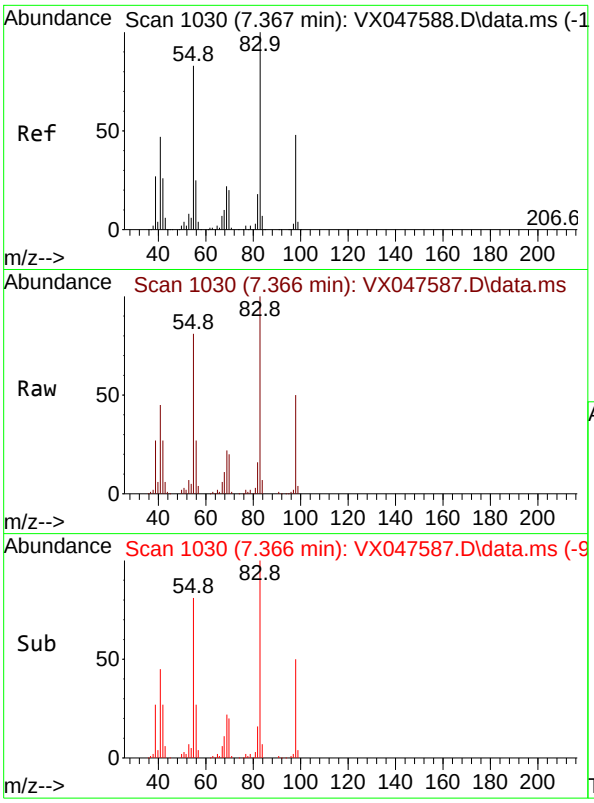


#38
Carbon Tetrachloride
Concen: 20.844 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 74636

Ion	Ratio	Lower	Upper
117	100		
119	96.9	73.4	110.2
121	31.6	23.8	35.6





#39
Methylcyclohexane
Concen: 21.251 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 7949

Ion	Ratio	Lower	Upper
83	100		
55	81.2	66.4	99.6
98	49.6	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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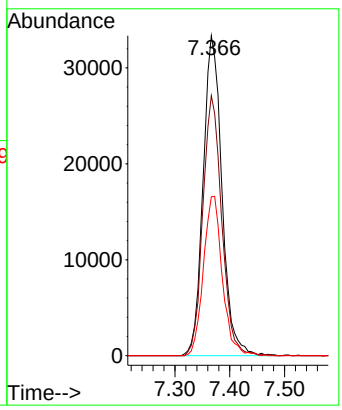
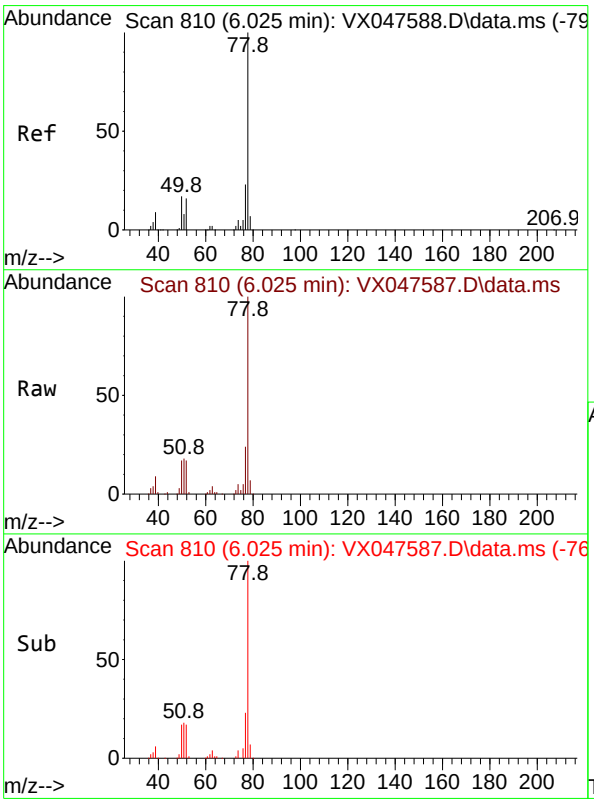
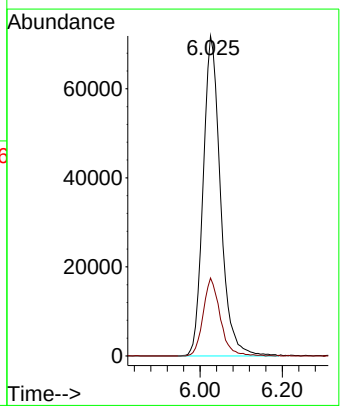


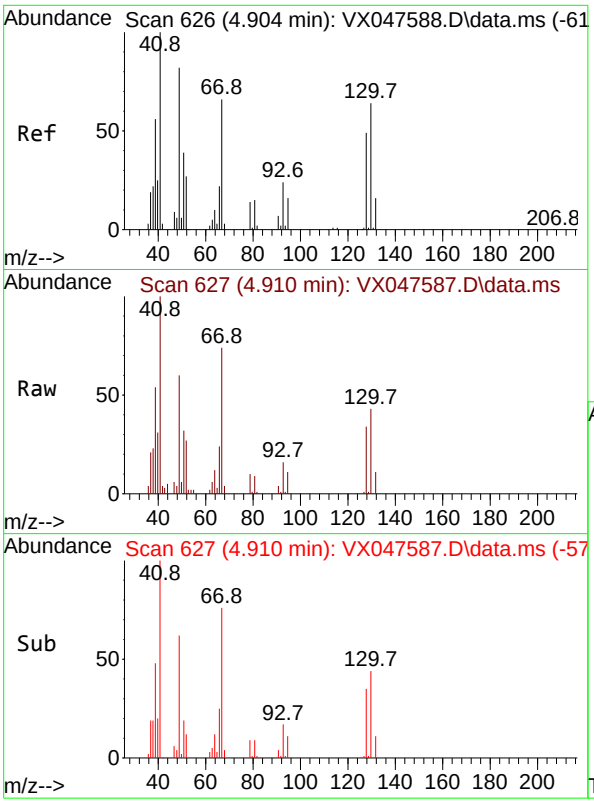


#40
Benzene
Concen: 21.051 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 78 Resp: 210711

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2

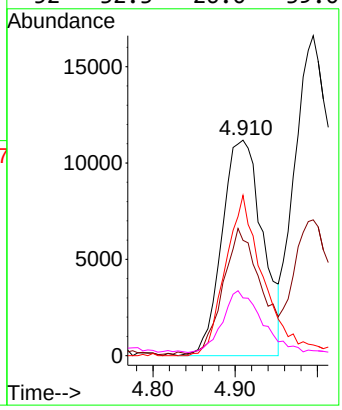




#41
Methacrylonitrile
Concen: 21.148 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 3852

Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.3	64.9
67	72.5	58.6	87.8
52	32.3	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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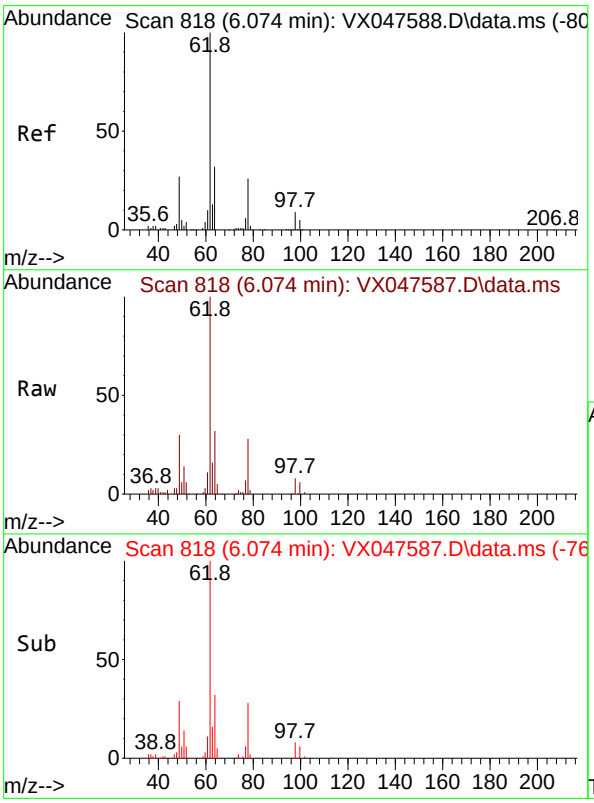
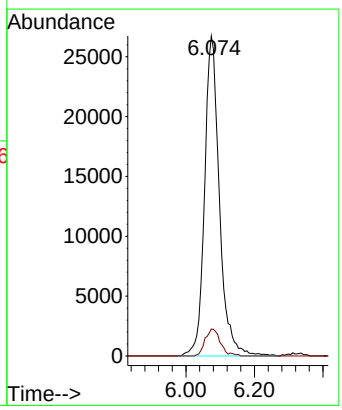
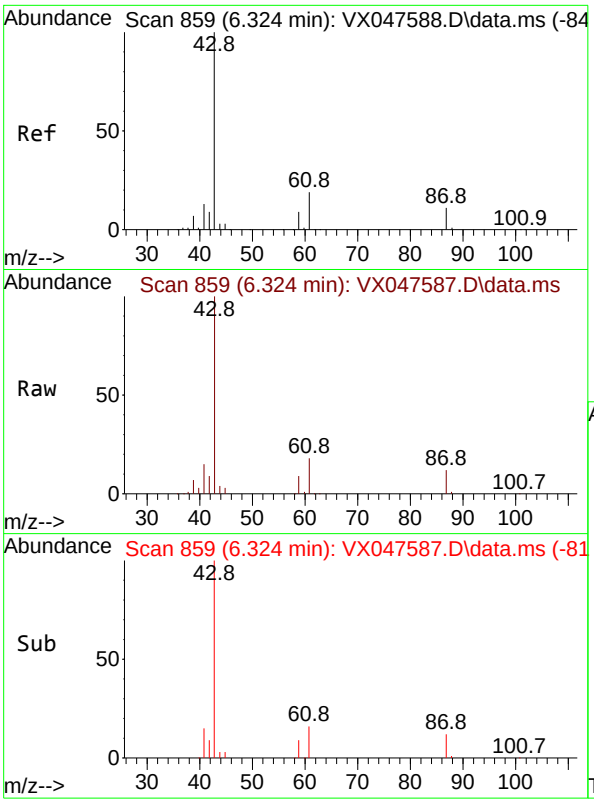


#42
1,2-Dichloroethane
Concen: 21.175 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 80646

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

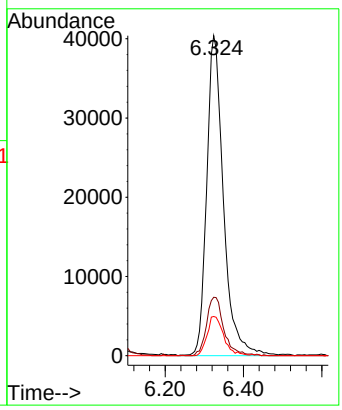




#43
Isopropyl Acetate
Concen: 20.670 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 11962

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.1	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
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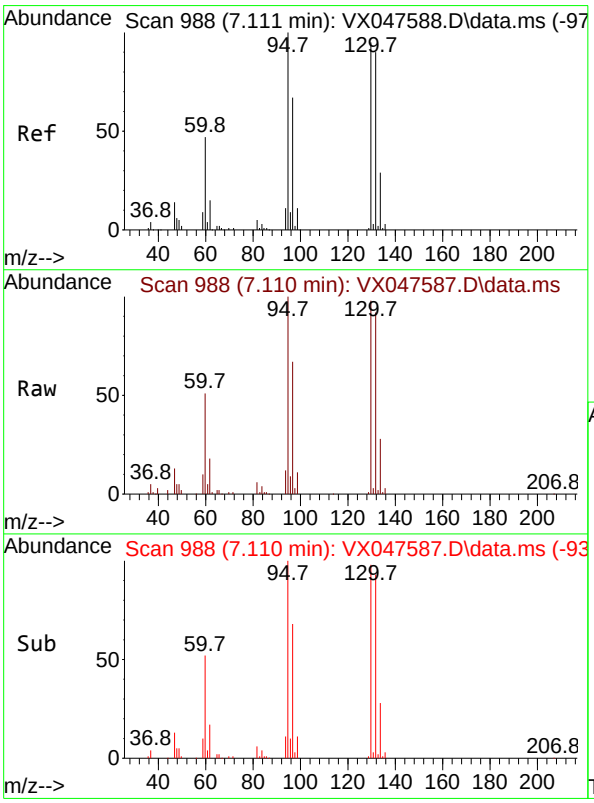
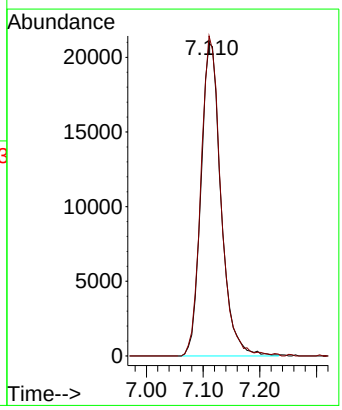
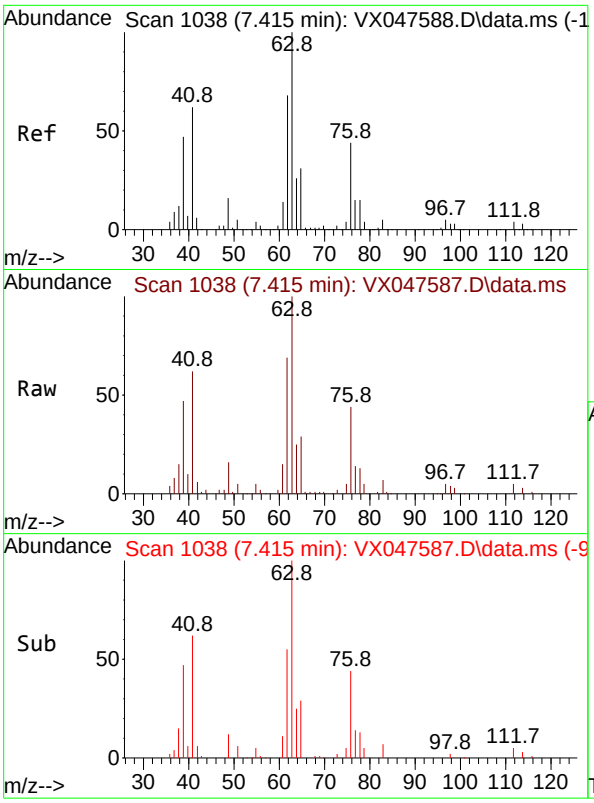


#44
Trichloroethene
Concen: 21.228 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:130 Resp: 51369

Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.8

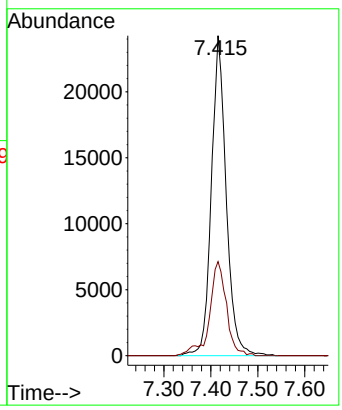




#45
1,2-Dichloropropane
Concen: 20.697 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 5304

Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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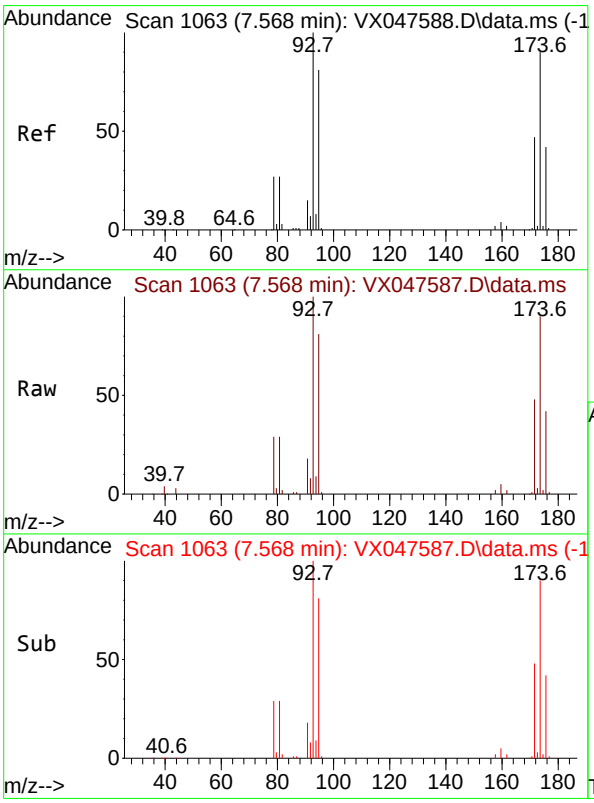
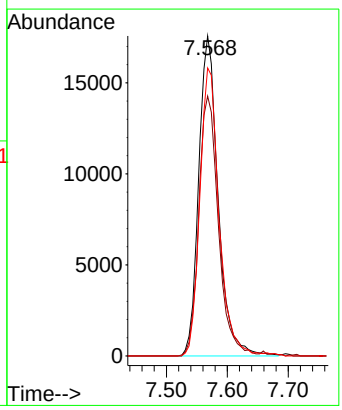
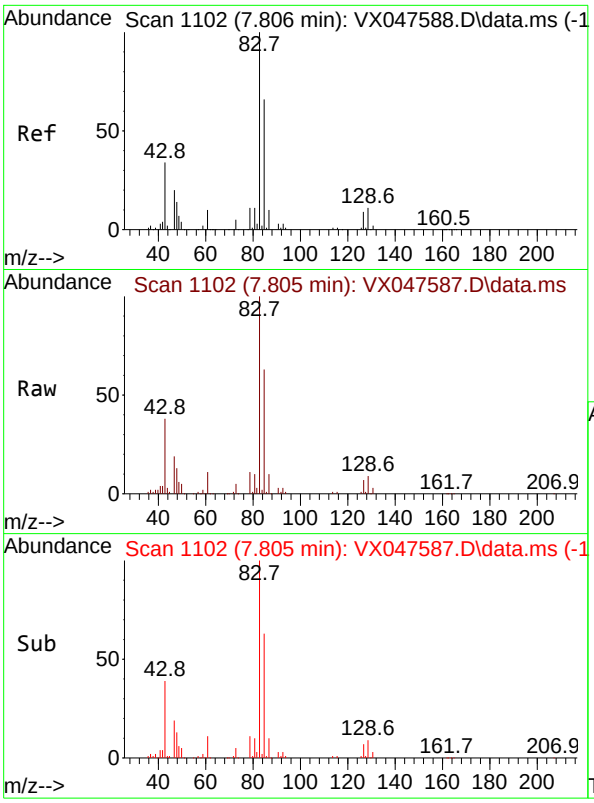


#46
Dibromomethane
Concen: 20.862 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 93 Resp: 38910

Ion	Ratio	Lower	Upper
93	100		
95	82.0	65.0	97.6
174	89.2	71.6	107.4

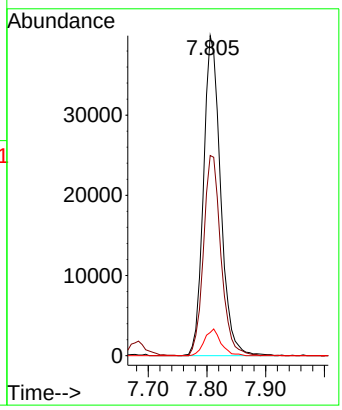




#47
Bromodichloromethane
Concen: 21.002 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 8083

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.2	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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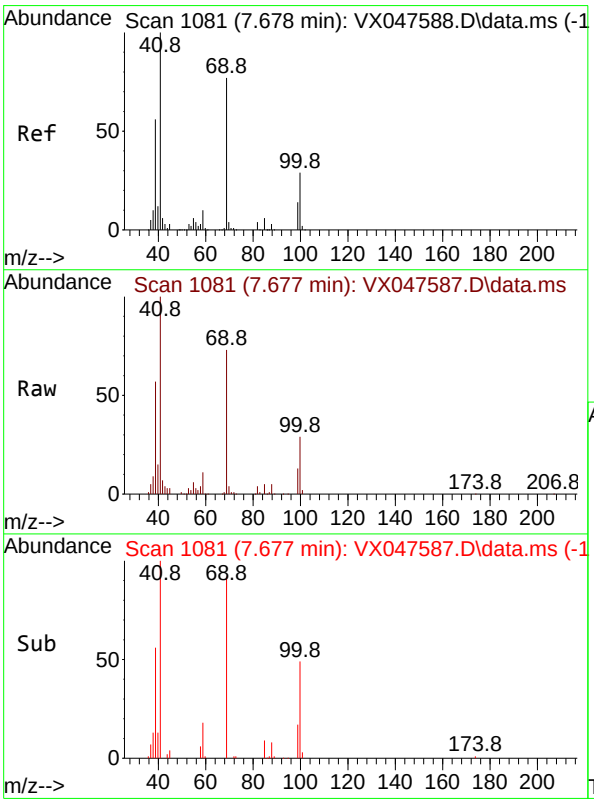
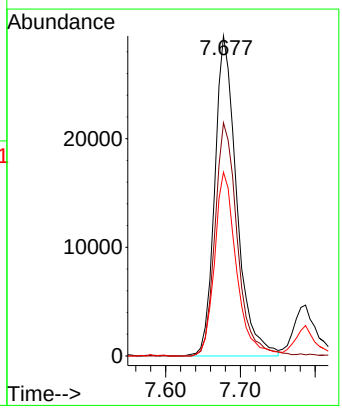
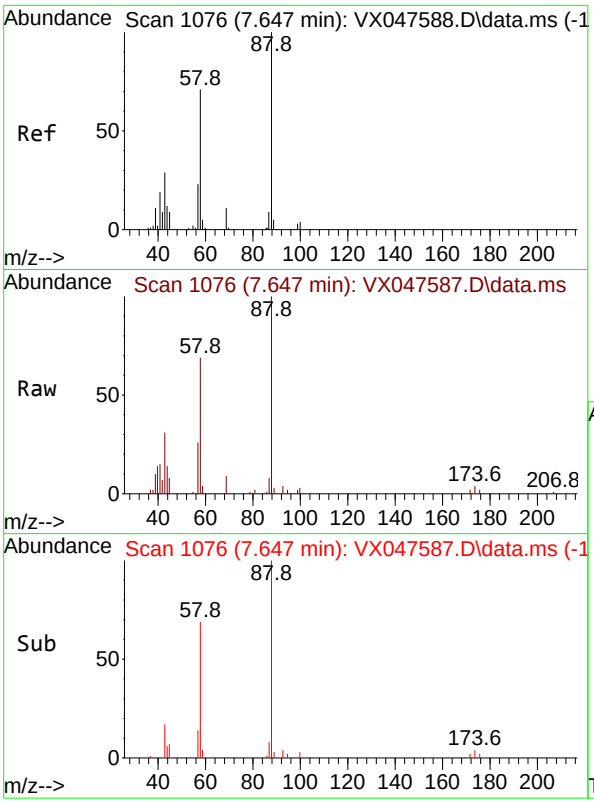


#48
Methyl methacrylate
Concen: 20.877 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 41 Resp: 60182

Ion	Ratio	Lower	Upper
41	100		
69	74.2	61.4	92.2
39	57.2	45.8	68.6

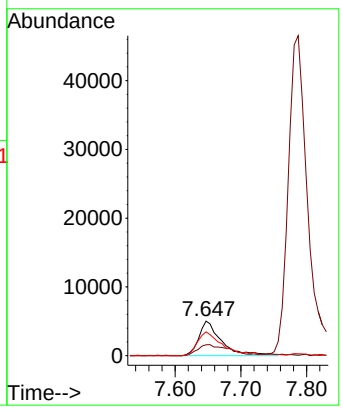




#49
1,4-Dioxane
Concen: 413.530 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 88 Resp: 1204

Ion	Ratio	Lower	Upper
88	100		
43	44.7	30.2	45.2
58	75.8	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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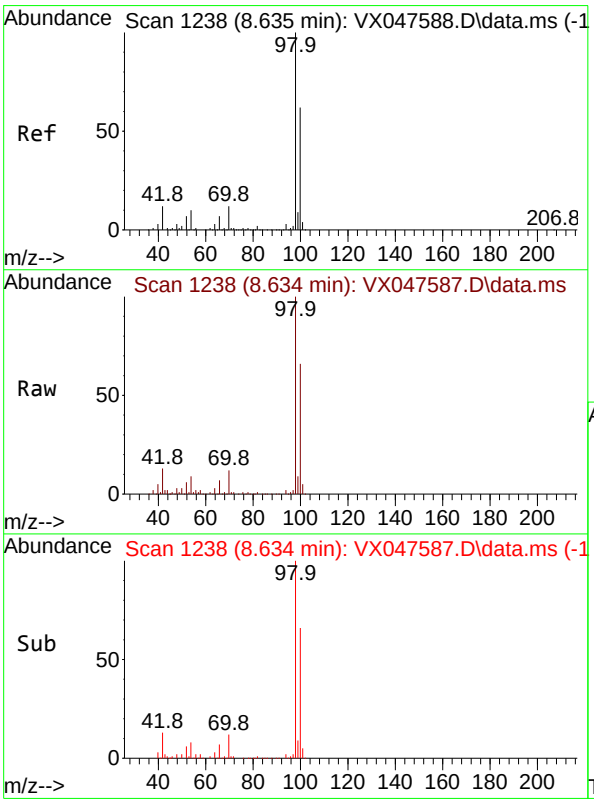
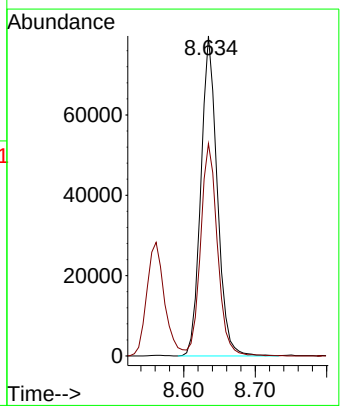
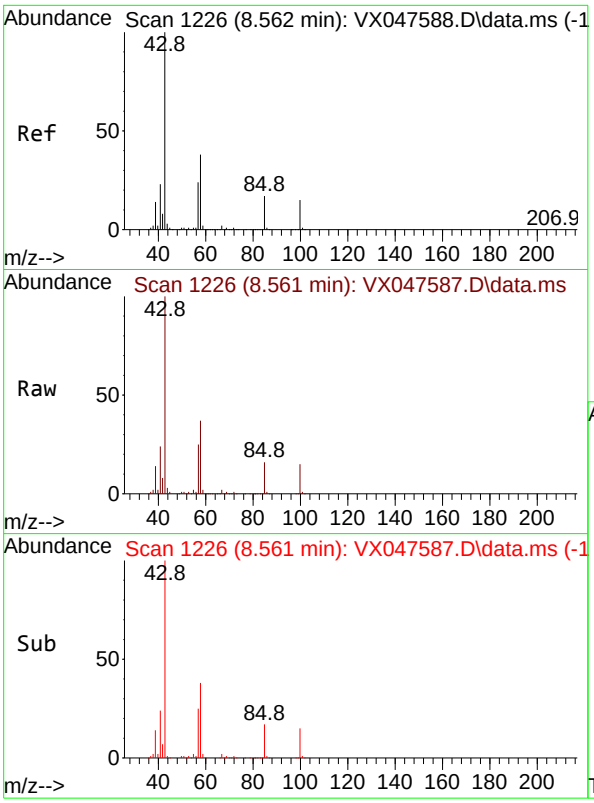


#50
Toluene-d8
Concen: 16.258 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 98 Resp: 126875

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.4

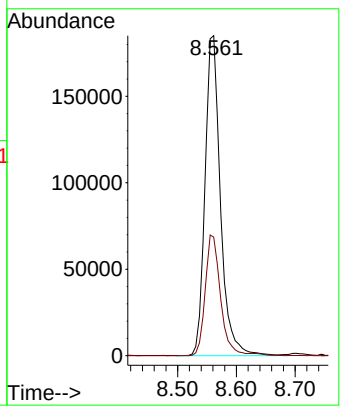




#51
4-Methyl-2-Pentanone
Concen: 105.456 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 33837

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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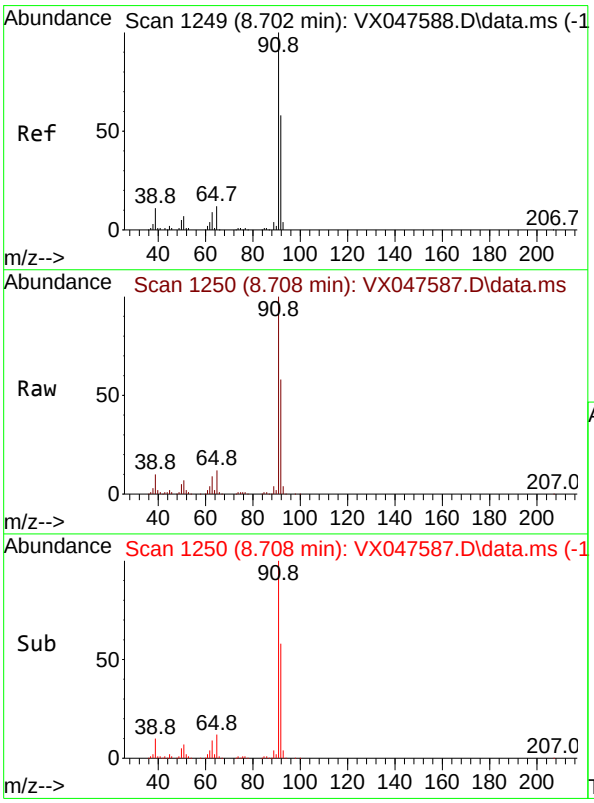
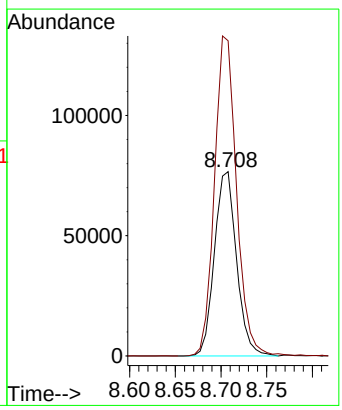
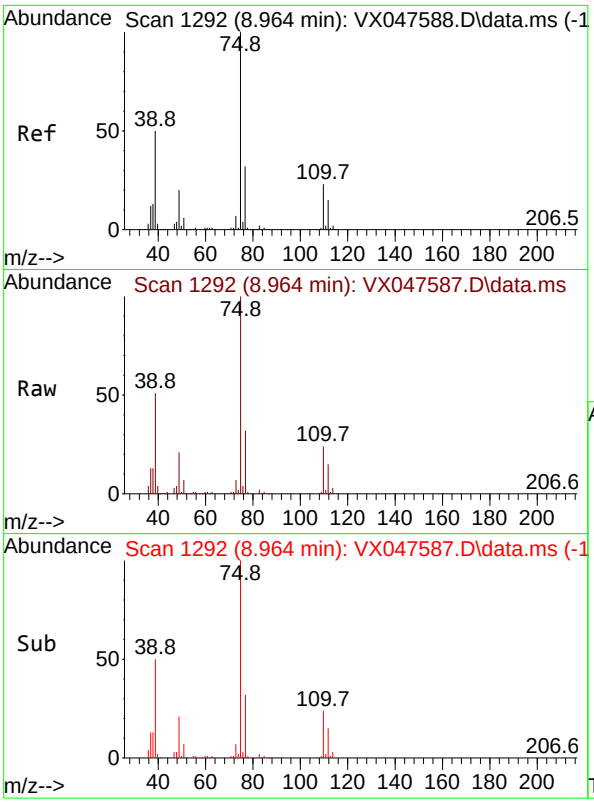


#52
Toluene
Concen: 20.950 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 92 Resp: 129193

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.1	205.7

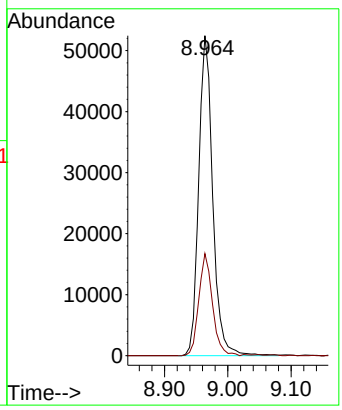




#53
t-1,3-Dichloropropene
Concen: 20.625 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 8097

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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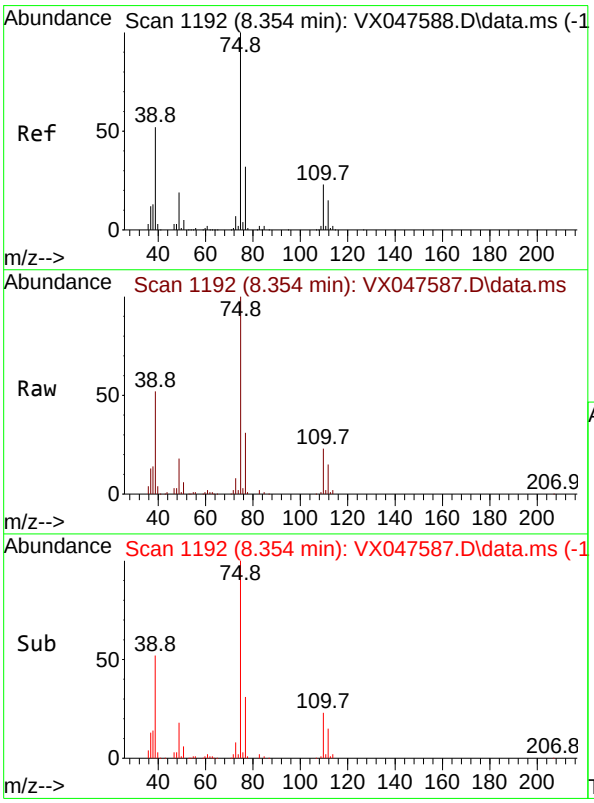
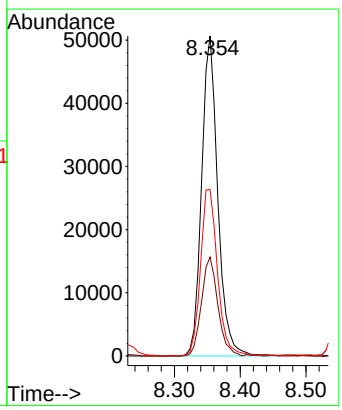
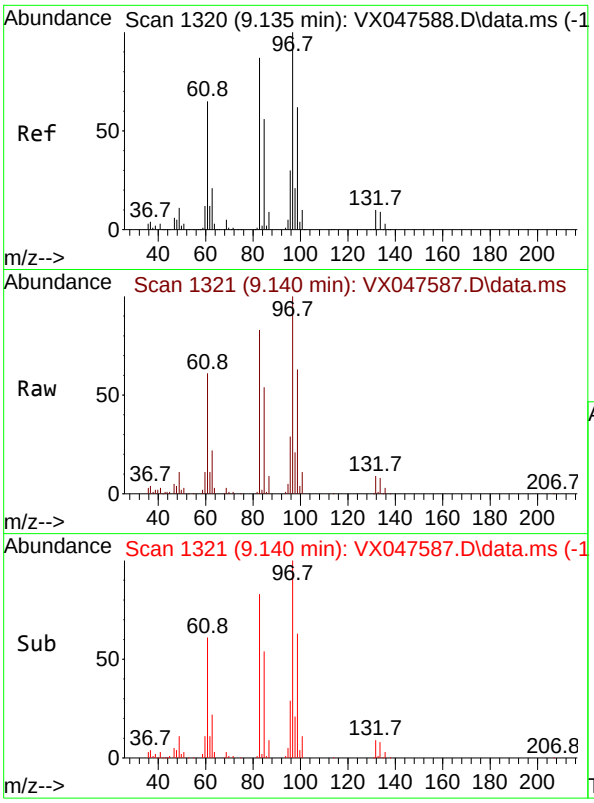


#54
cis-1,3-Dichloropropene
Concen: 20.650 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 86648

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.6
39	52.0	41.4	62.2

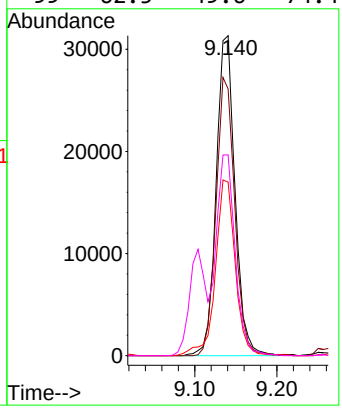




#55
1,1,2-Trichloroethane
Concen: 20.967 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 97 Resp: 4985

Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.6	104.4
85	55.2	45.0	67.6
99	62.5	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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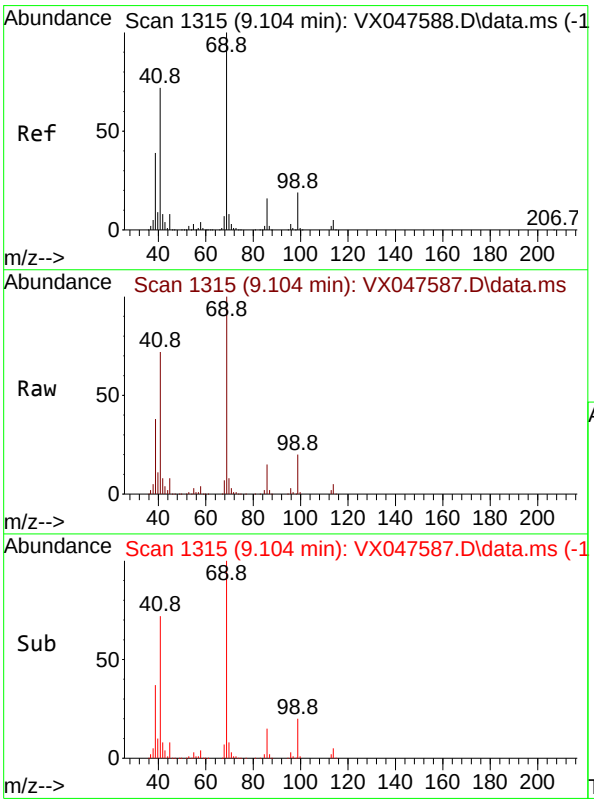
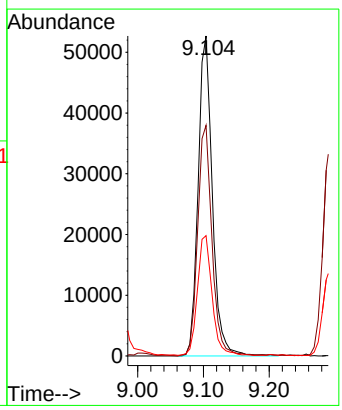
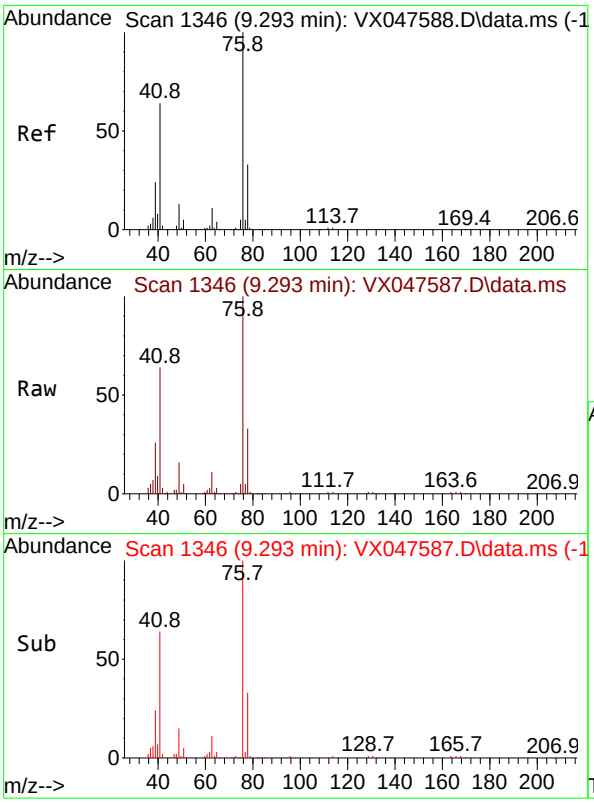


#56
Ethyl methacrylate
Concen: 21.158 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 69 Resp: 79011

Ion	Ratio	Lower	Upper
69	100		
41	72.6	58.6	87.8
39	38.6	31.5	47.3





#57
1,3-Dichloropropane
Concen: 20.934 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 76 Resp: 8551

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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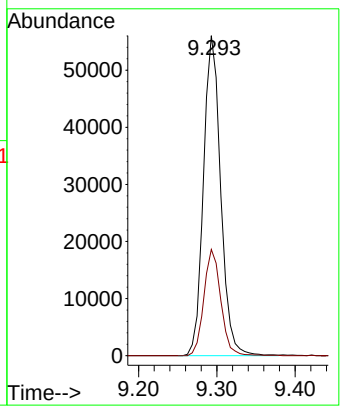
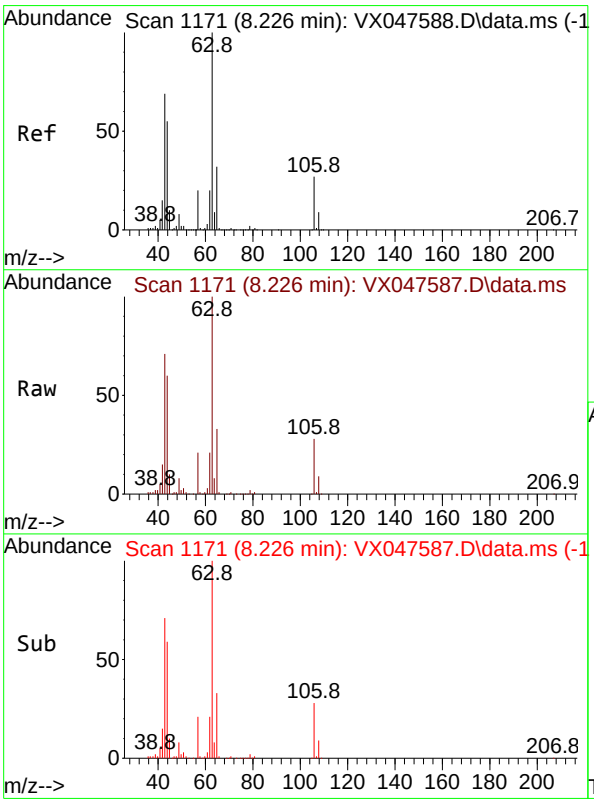
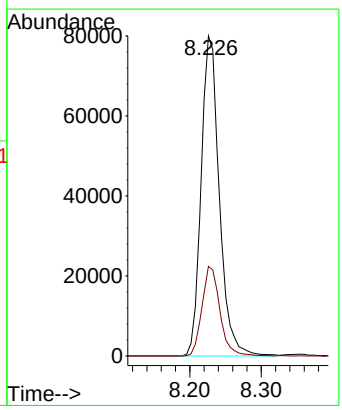


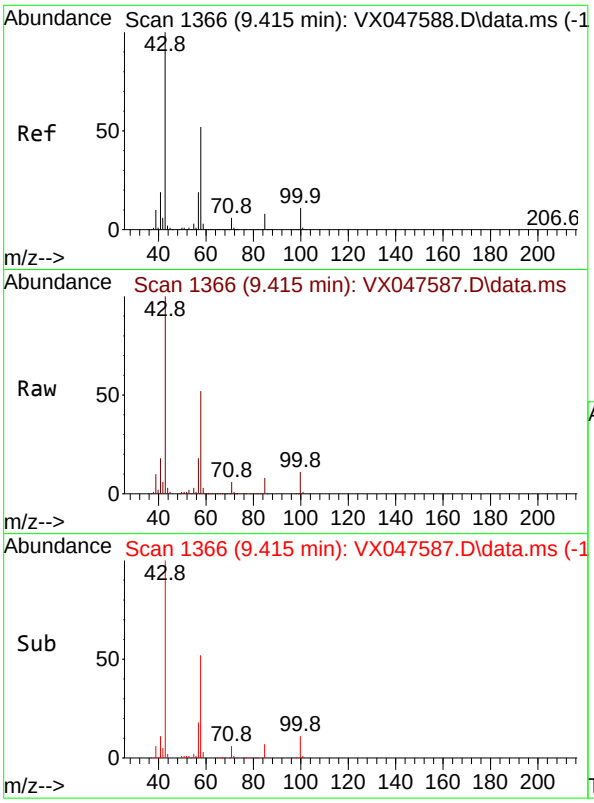


#58
2-Chloroethyl Vinyl ether
Concen: 86.617 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 141395

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9

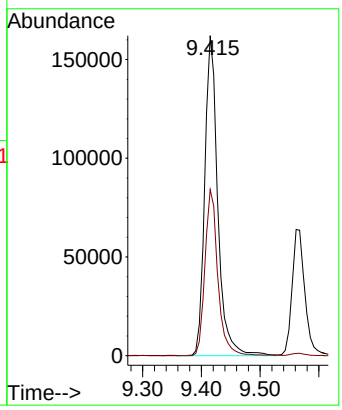




#59
2-Hexanone
Concen: 108.488 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 25000

Ion	Ratio	Lower	Upper
43	100		
58	51.4	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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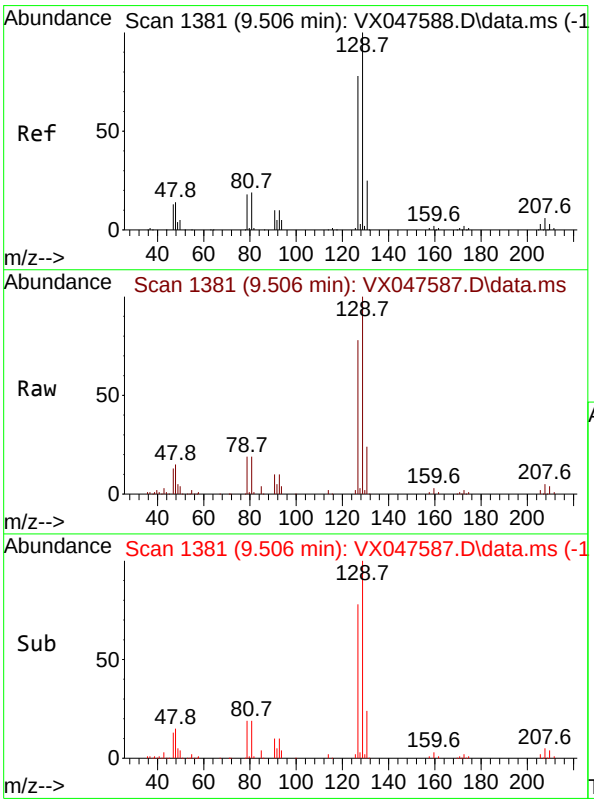
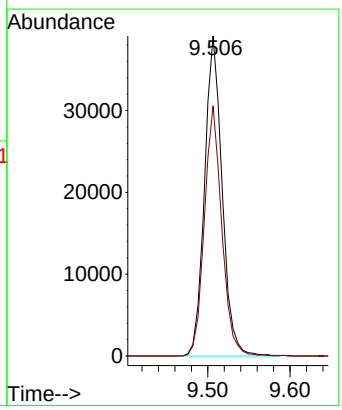
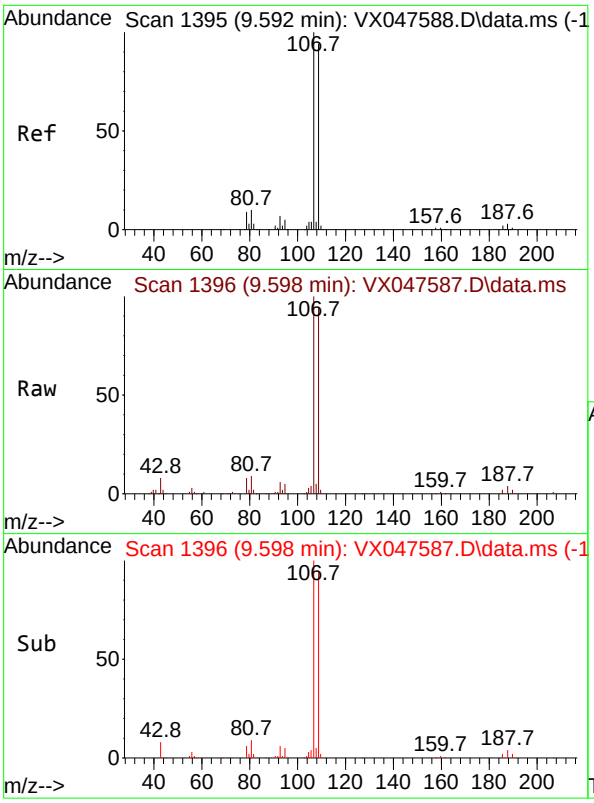


#60
Dibromochloromethane
Concen: 21.167 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:129 Resp: 57994

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2

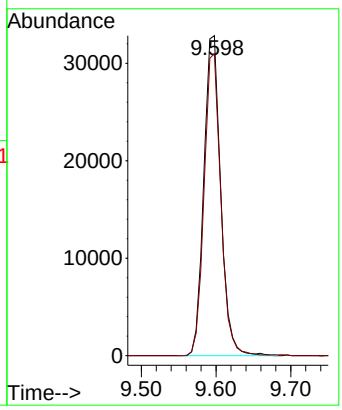




#61
1,2-Dibromoethane
Concen: 21.310 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:107 Resp: 5161

Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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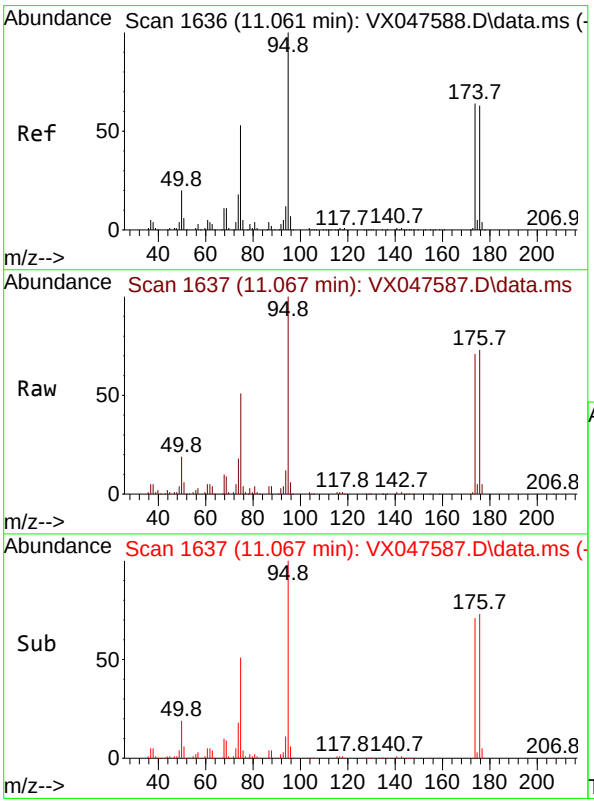
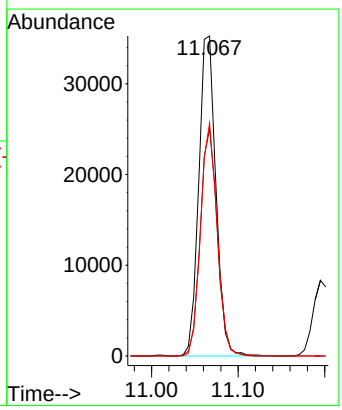
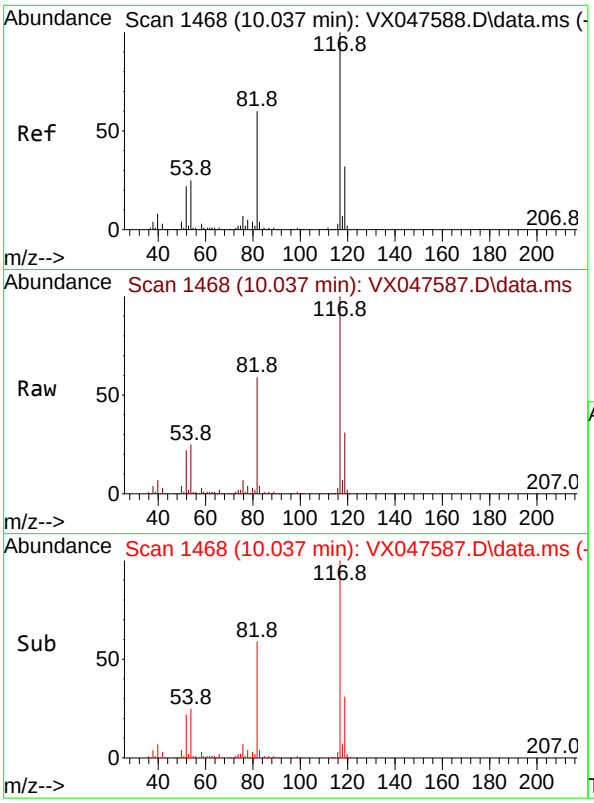


#62
4-Bromofluorobenzene
Concen: 16.360 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 95 Resp: 48454

Ion	Ratio	Lower	Upper
95	100		
174	70.2	0.0	141.6
176	70.3	0.0	138.4

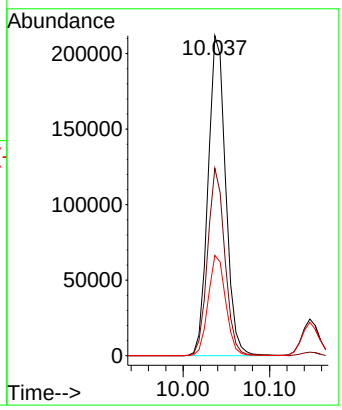




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 29862

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.8	71.6
119	31.3	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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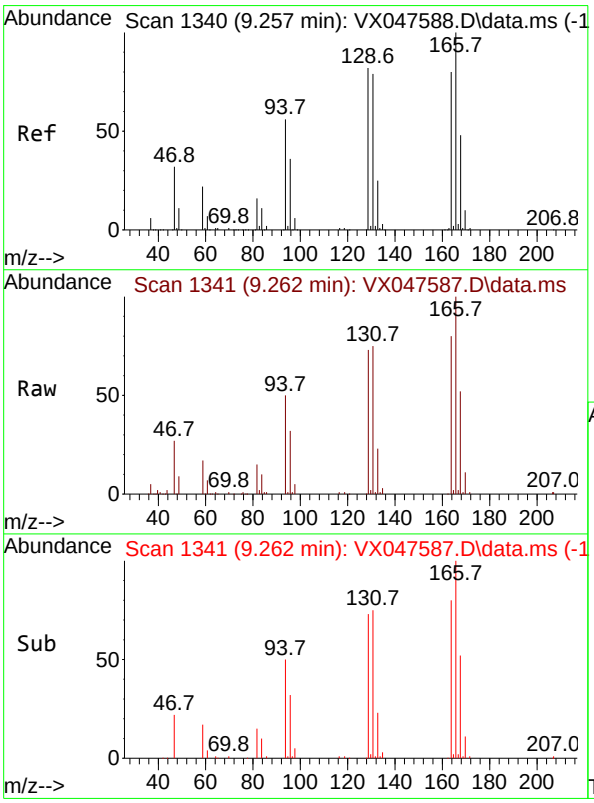
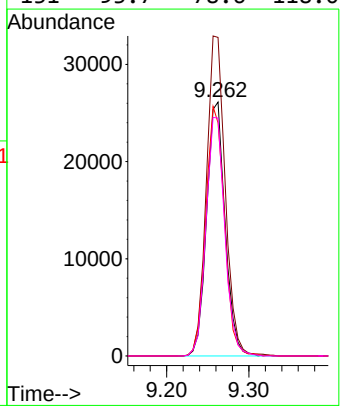
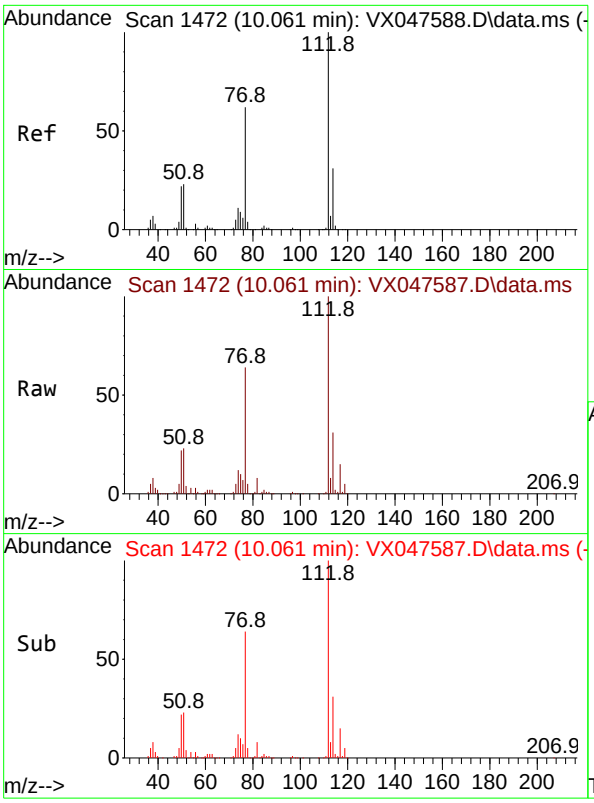


#64
Tetrachloroethene
Concen: 20.979 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:164 Resp: 40840

Ion	Ratio	Lower	Upper
164	100		
166	125.4	100.2	150.2
129	91.8	81.8	122.6
131	93.7	78.6	118.0

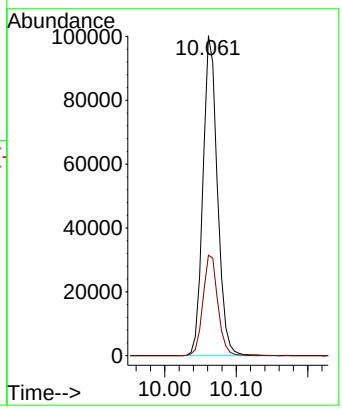




#65
Chlorobenzene
Concen: 20.731 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:112 Resp: 14064

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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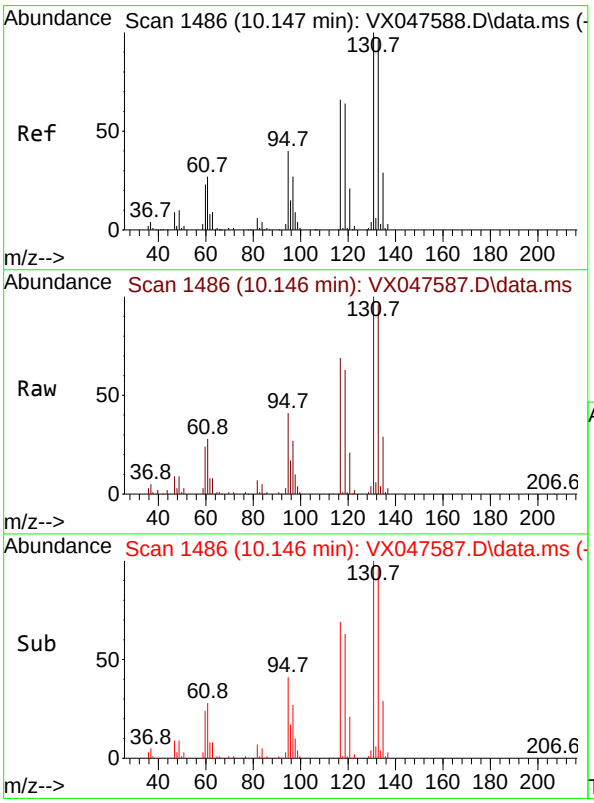
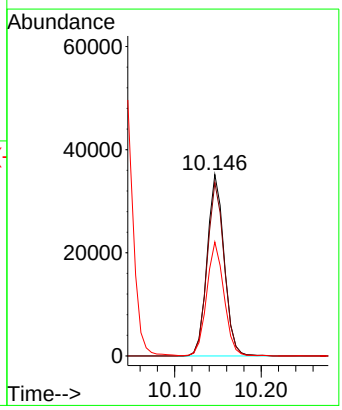
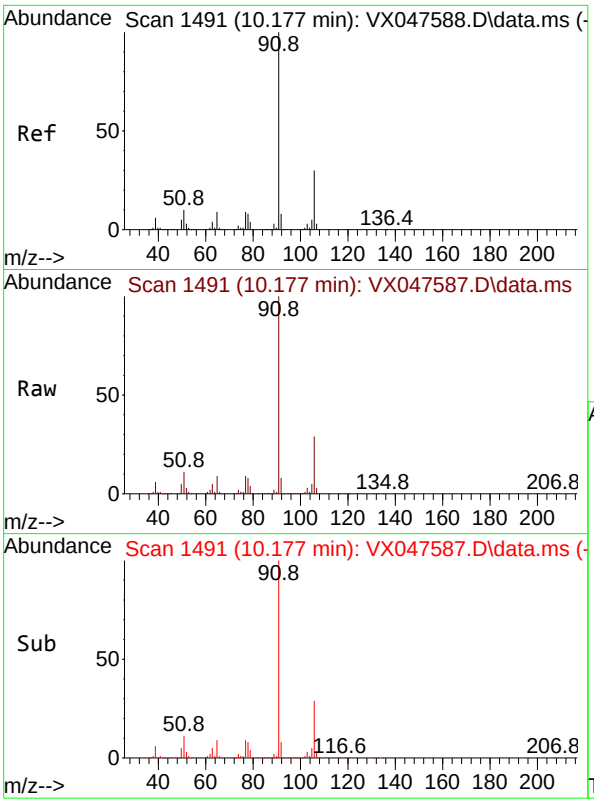


#66
1,1,1,2-Tetrachloroethane
Concen: 20.513 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:131 Resp: 48022

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.3	142.0
119	63.9	32.0	96.0





#67
Ethyl Benzene
Concen: 20.907 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 24473

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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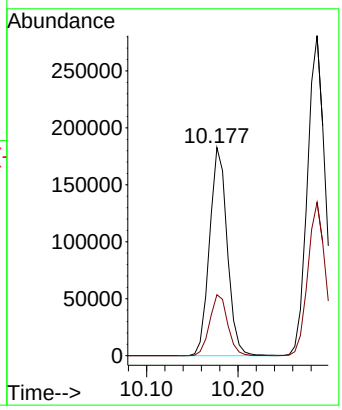
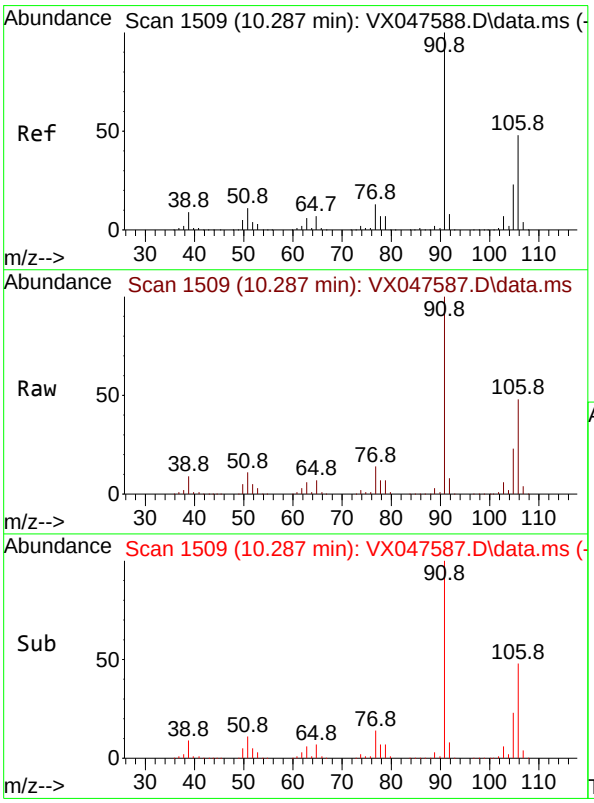
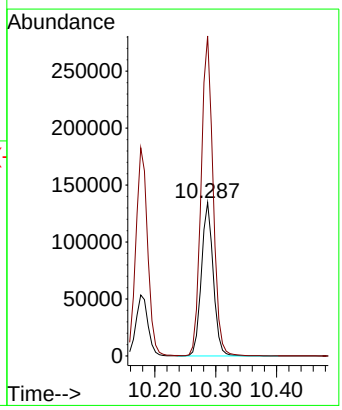


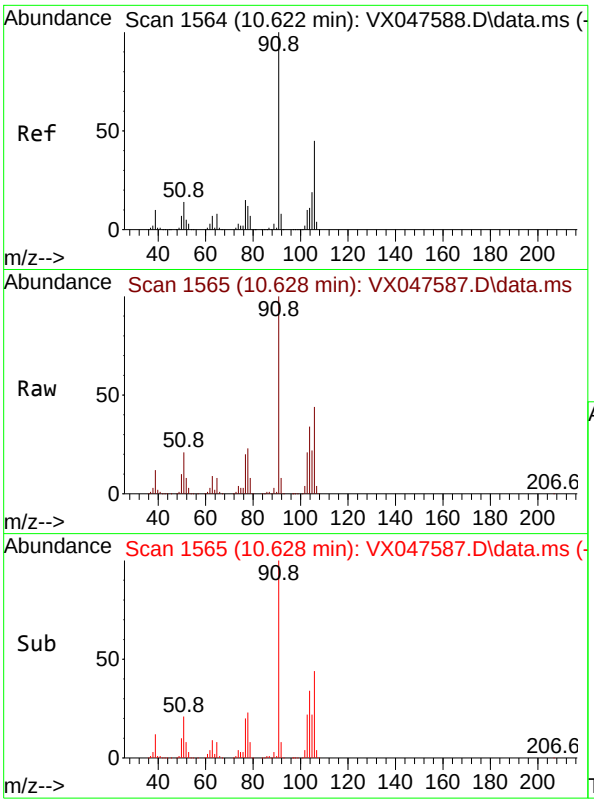


#68
m/p-Xylenes
Concen: 41.951 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:106 Resp: 182778

Ion	Ratio	Lower	Upper
106	100		
91	210.2	167.8	251.8





#69
o-Xylene
Concen: 20.799 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:106 Resp: 8765

Ion	Ratio	Lower	Upper
106	100		
91	225.3	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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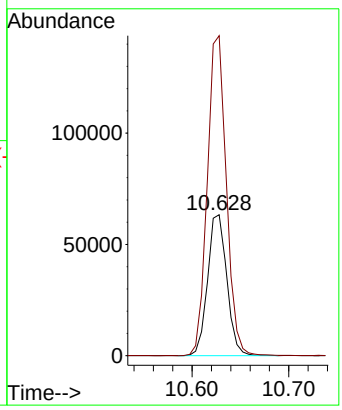
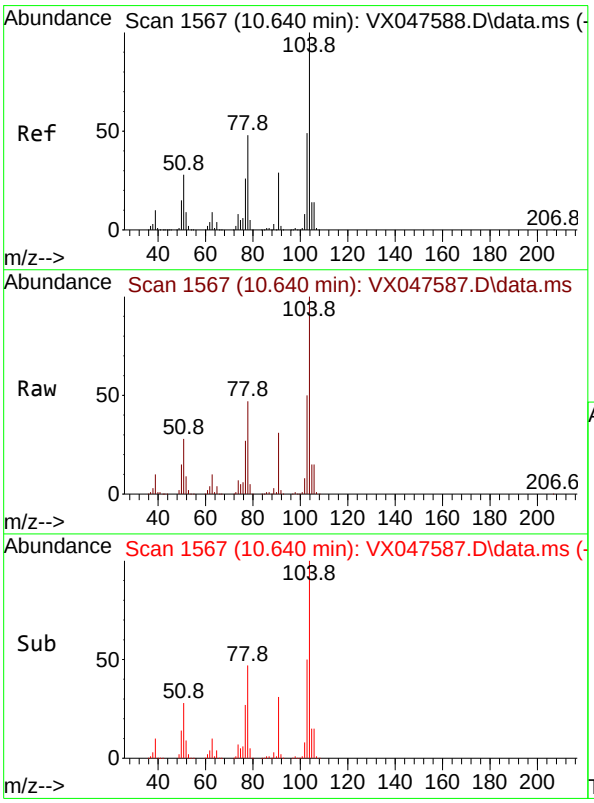
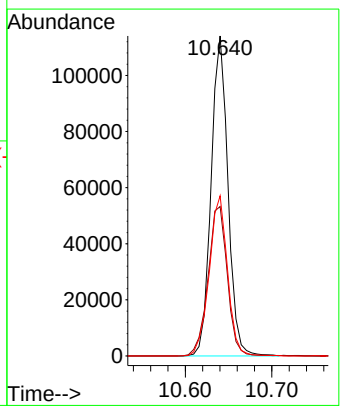


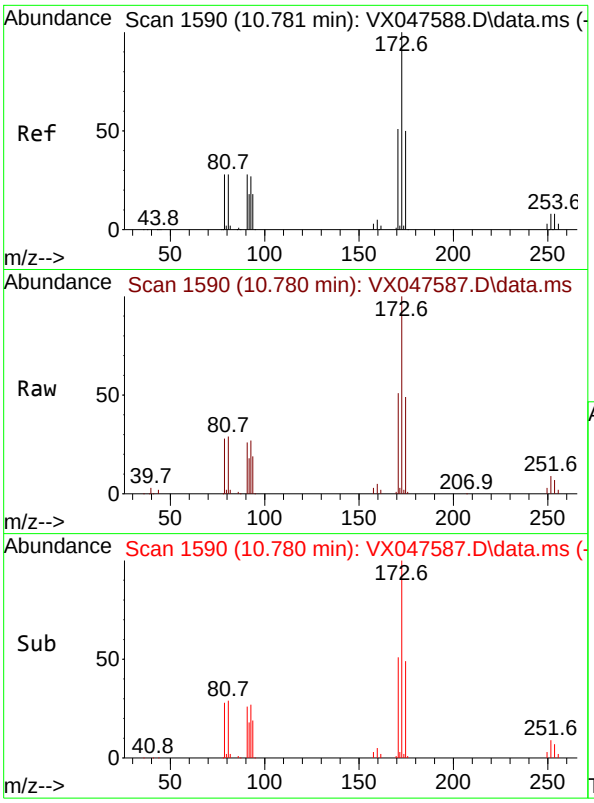


#70
Styrene
Concen: 20.866 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:104 Resp: 154077

Ion	Ratio	Lower	Upper
104	100		
78	53.6	43.1	64.7
103	54.4	43.1	64.7

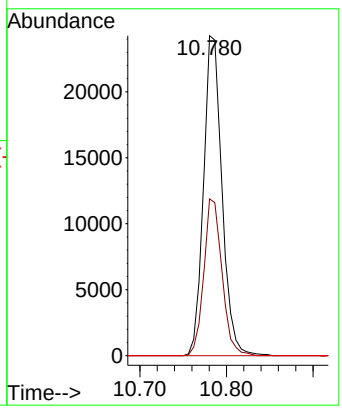




#71
Bromoform
Concen: 20.550 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:173 Resp: 3592

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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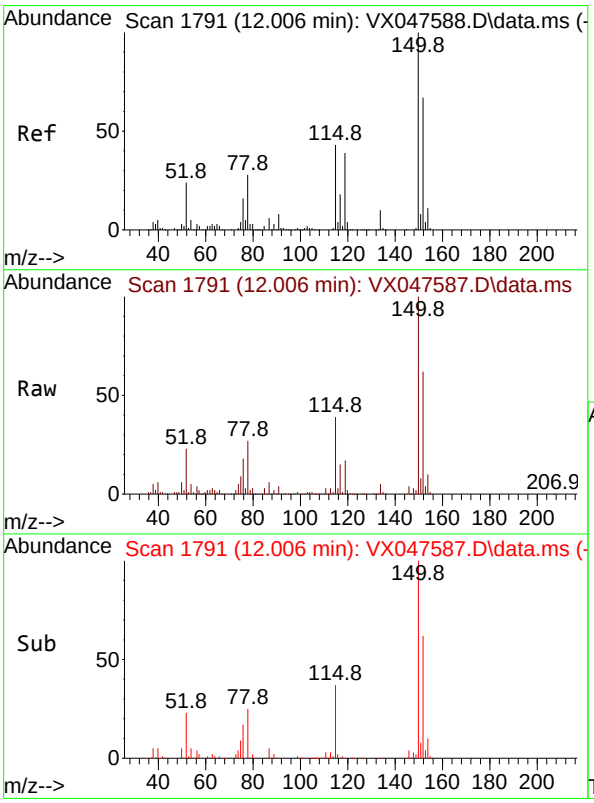
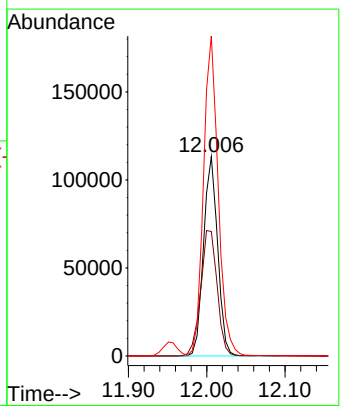
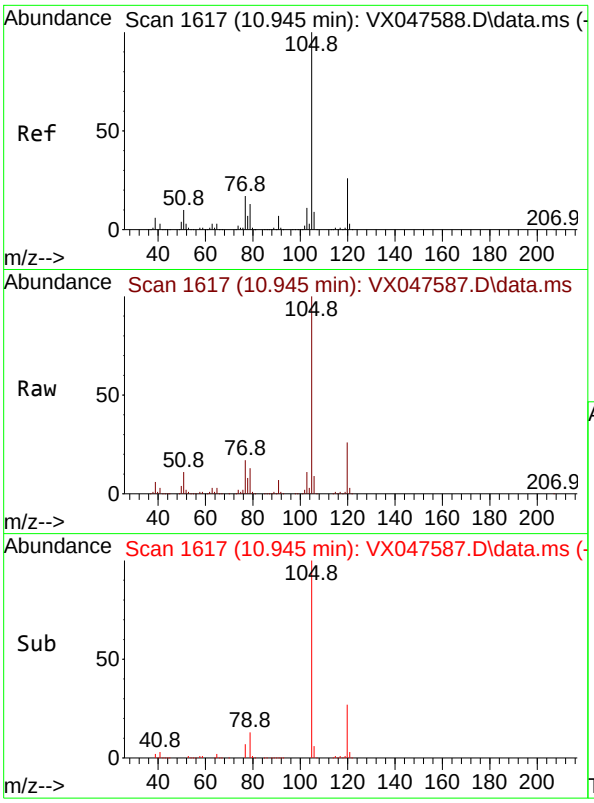


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:152 Resp: 141590

Ion	Ratio	Lower	Upper
152	100		
115	73.2	44.9	134.5
150	167.1	0.0	352.0

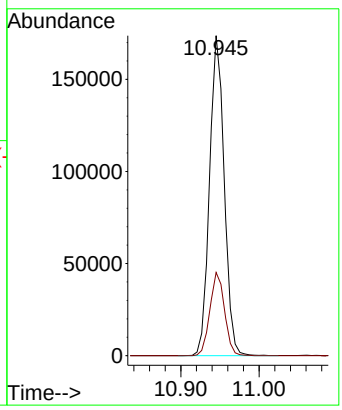




#73
Isopropylbenzene
Concen: 20.970 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 22573

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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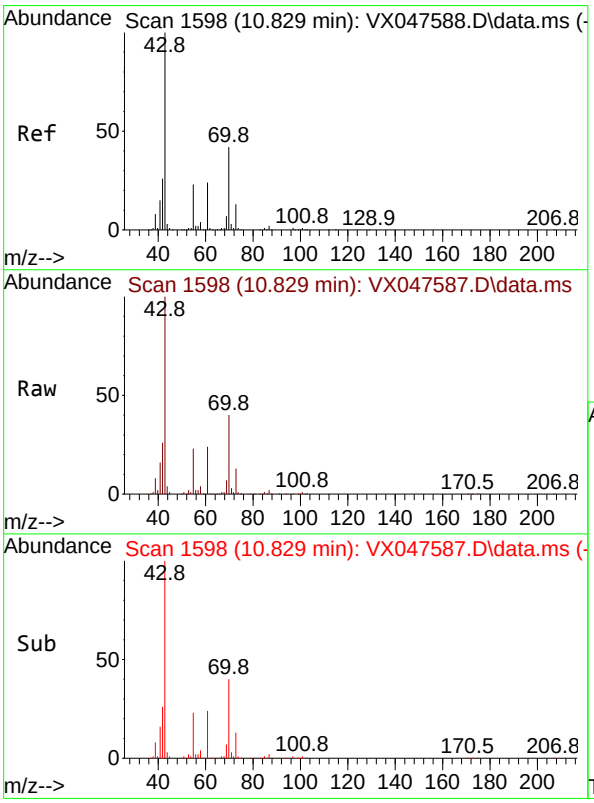
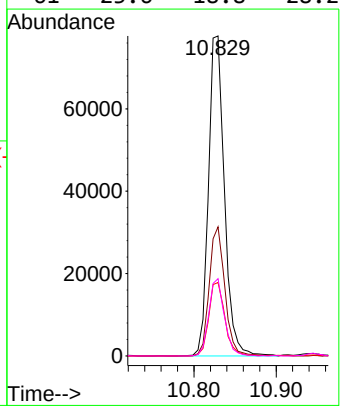
Supervised By :Mahesh Dadoda 09/18/2025

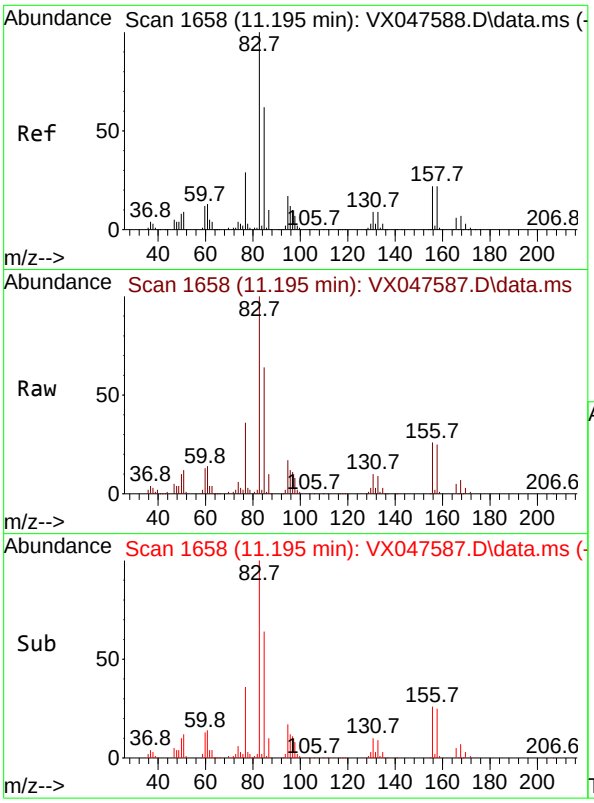


#74
N-amyl acetate
Concen: 21.354 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 104823

Ion	Ratio	Lower	Upper
43	100		
70	39.8	32.0	48.0
55	23.4	18.9	28.3
61	23.6	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.920 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 6813

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.4	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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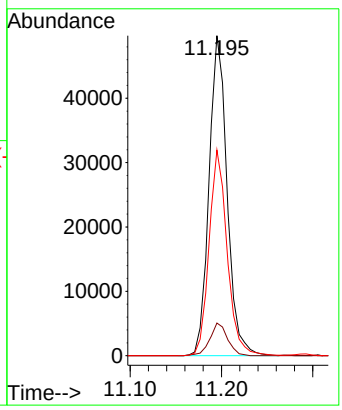
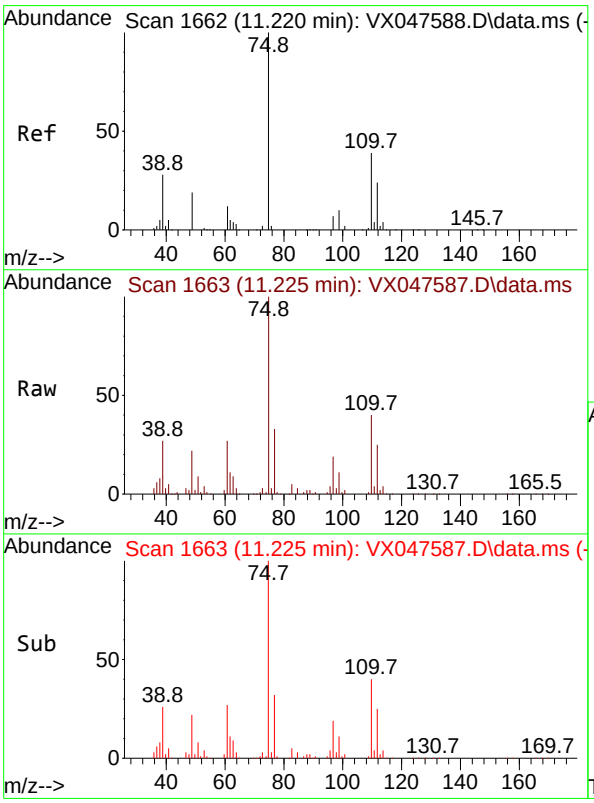
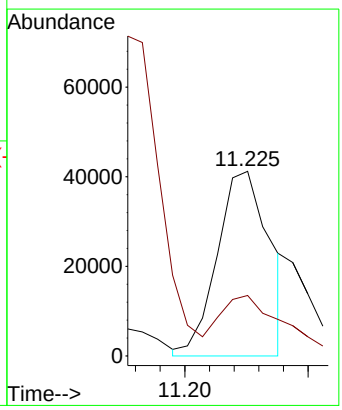


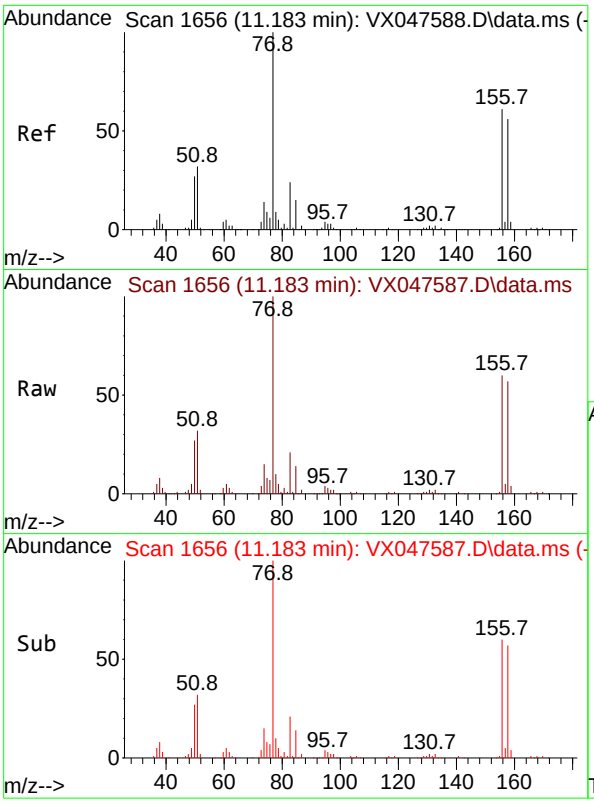


#76
1,2,3-Trichloropropane
Concen: 20.680 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 60797

Ion	Ratio	Lower	Upper
75	100		
77	39.6	18.8	56.4

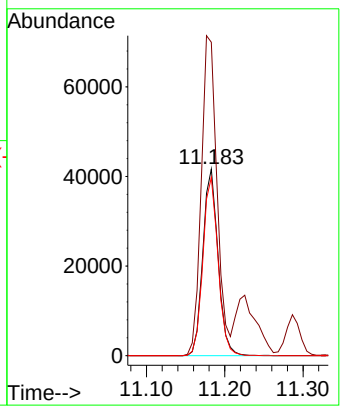




#77
Bromobenzene
Concen: 21.183 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:156 Resp: 5616

Ion	Ratio	Lower	Upper
156	100		
77	177.4	89.7	269.1
158	95.2	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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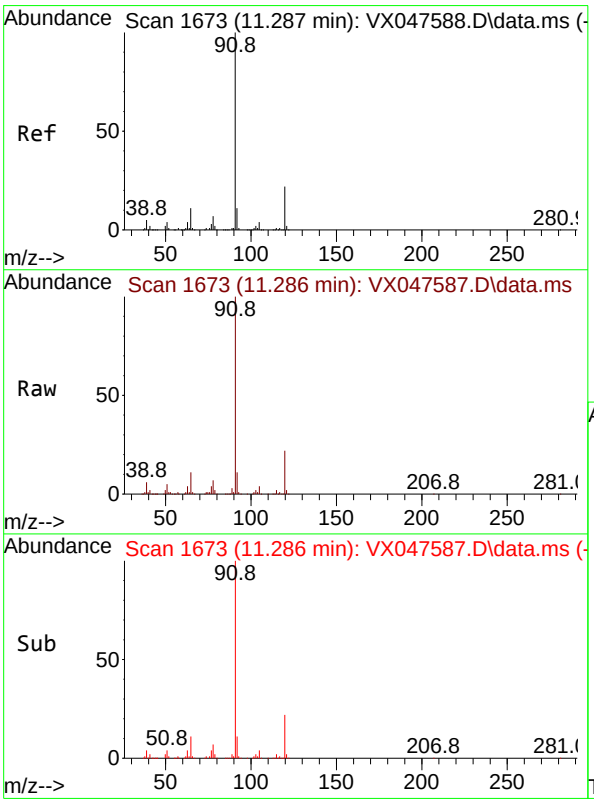
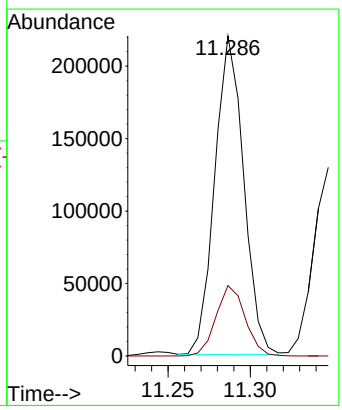
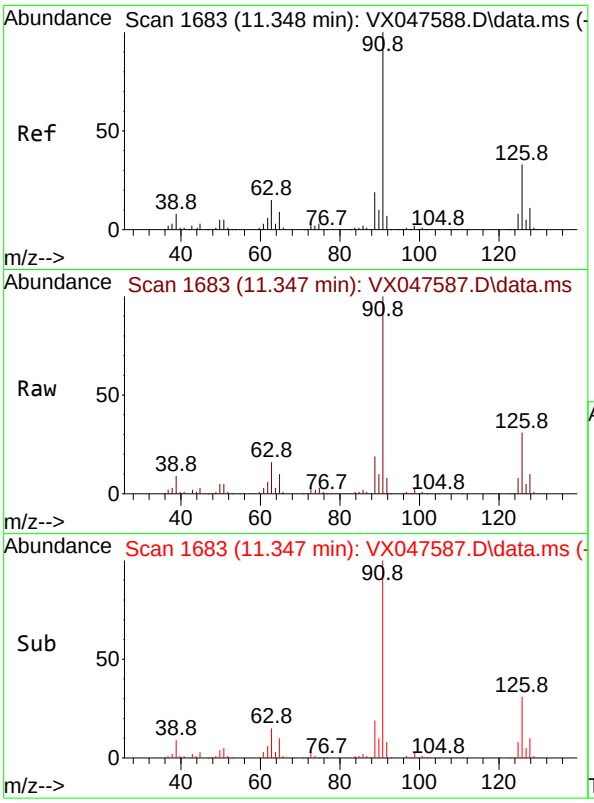


#78
n-propylbenzene
Concen: 21.092 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 268399

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





#79
2-Chlorotoluene
Concen: 21.329 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 16623

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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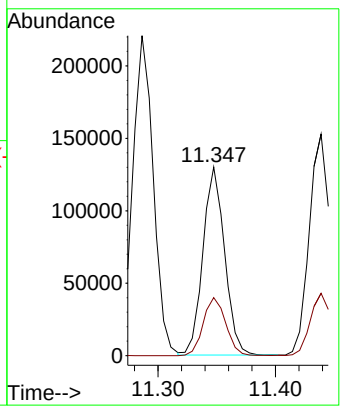
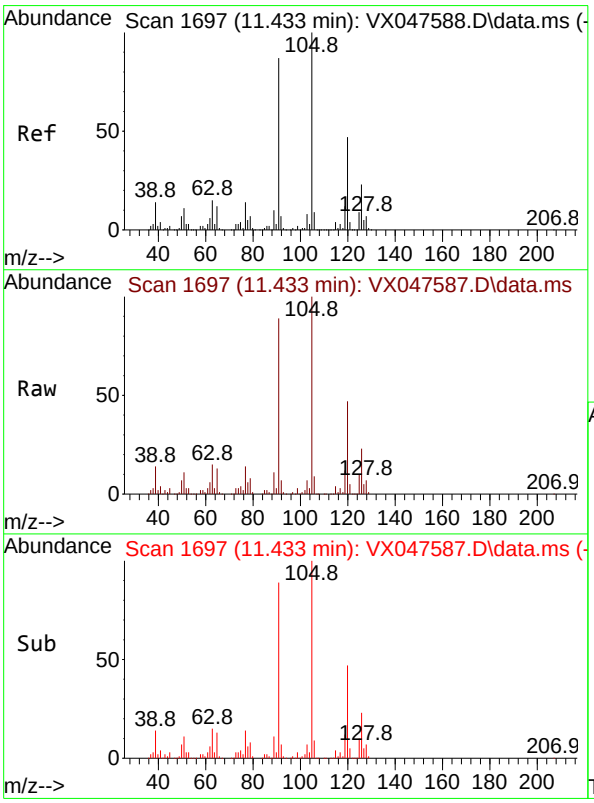
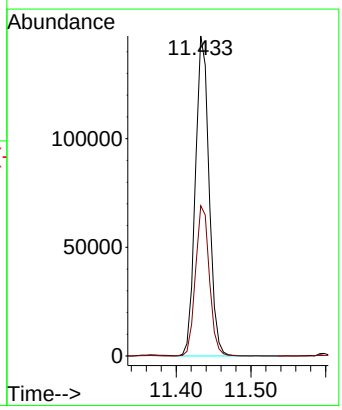


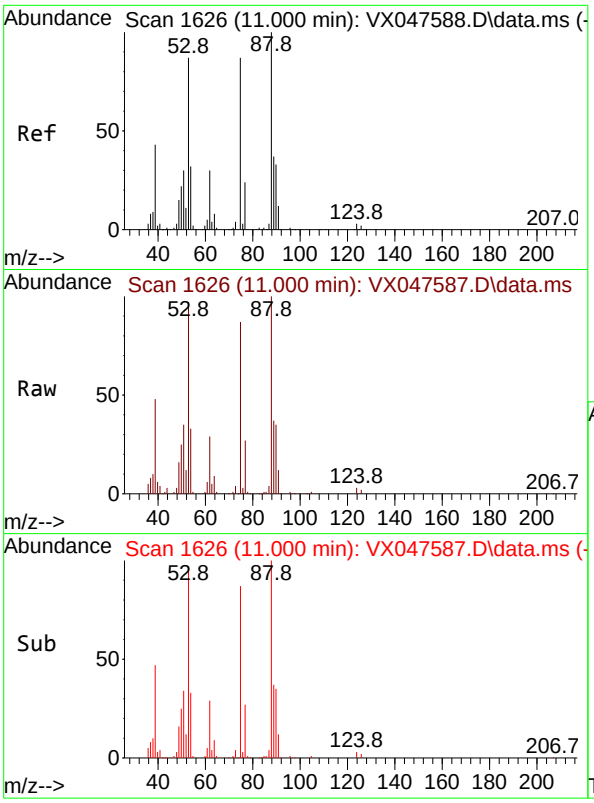


#80
1,3,5-Trimethylbenzene
Concen: 21.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 187513

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 19.173 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 2155

Ion	Ratio	Lower	Upper
75	100		
53	109.1	83.4	125.2
89	47.6	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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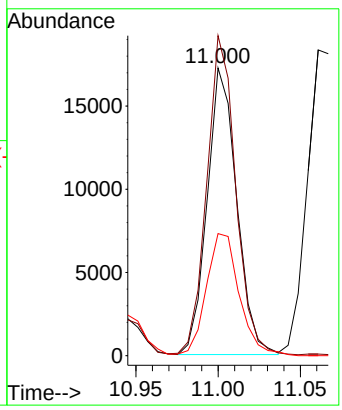
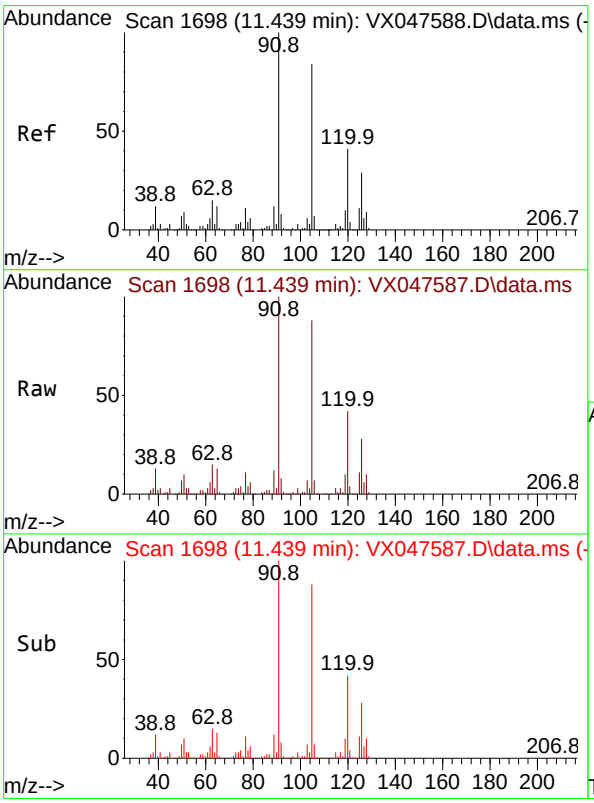
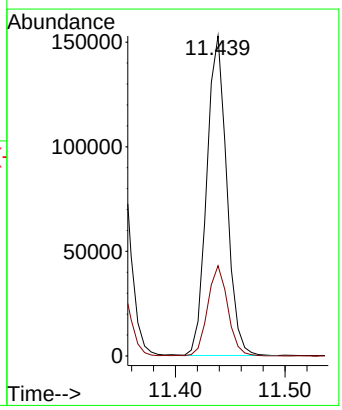


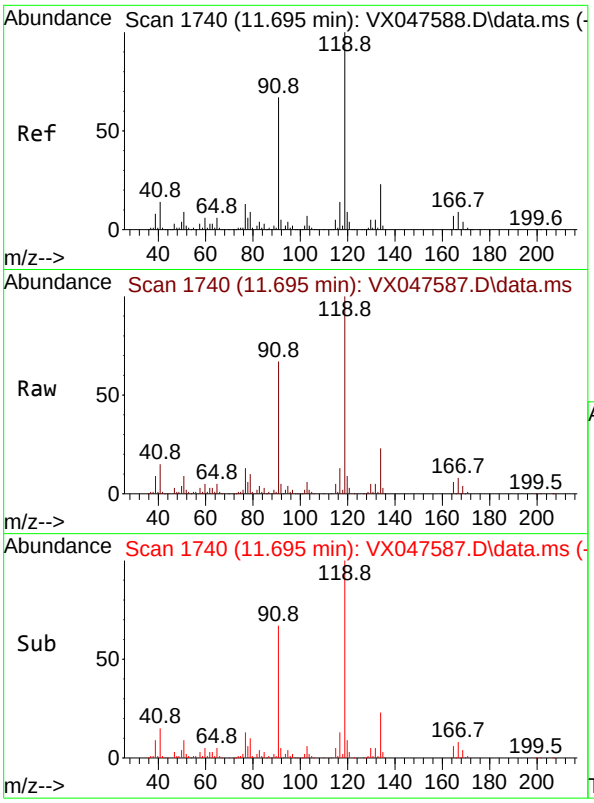


#82
4-Chlorotoluene
Concen: 20.980 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 193122

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6

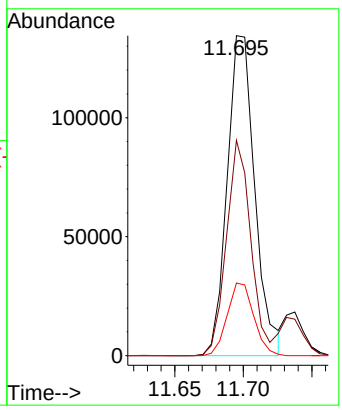




#83
tert-Butylbenzene
Concen: 20.929 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:119 Resp: 18948

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	21.8	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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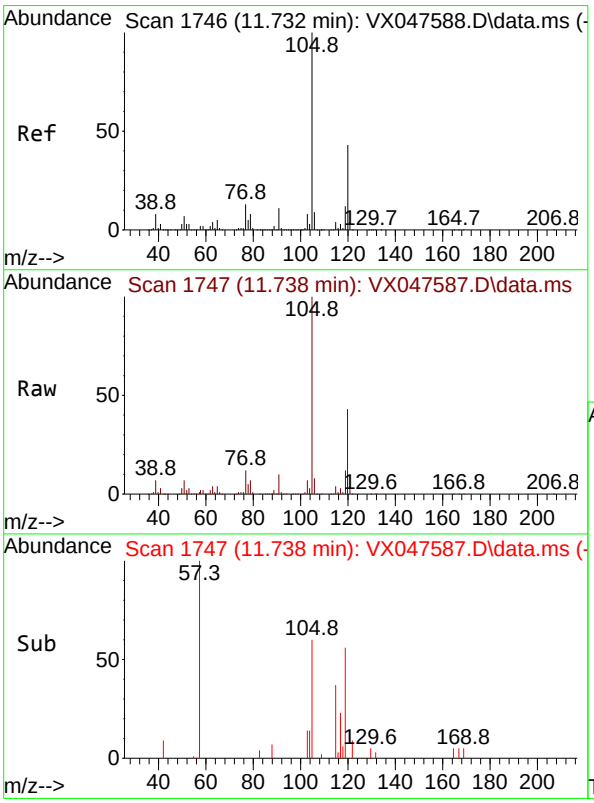
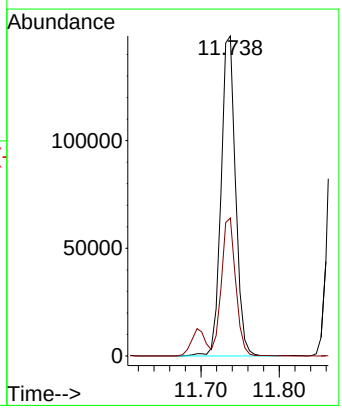
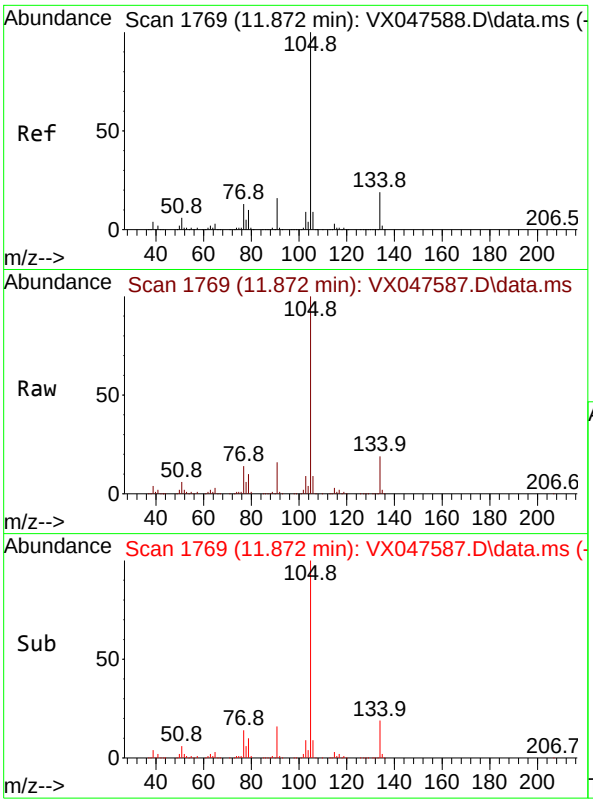


#84
1,2,4-Trimethylbenzene
Concen: 21.355 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 191477

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.1	66.1

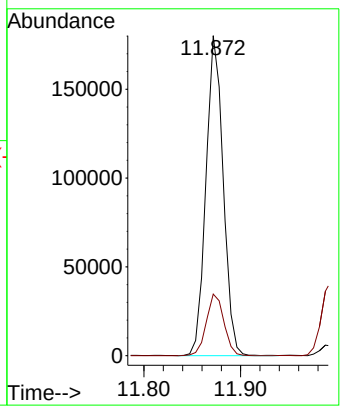




#85
sec-Butylbenzene
Concen: 20.777 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 22343

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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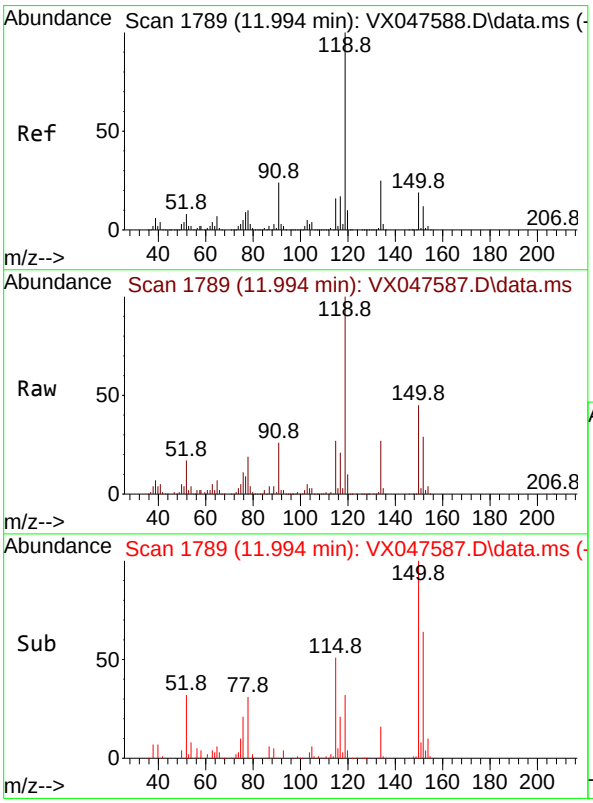
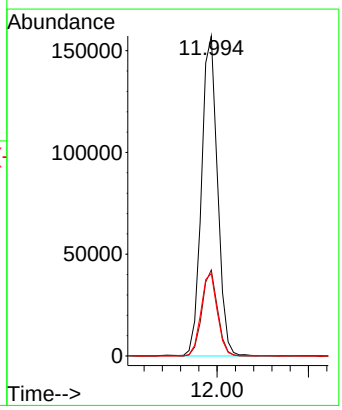
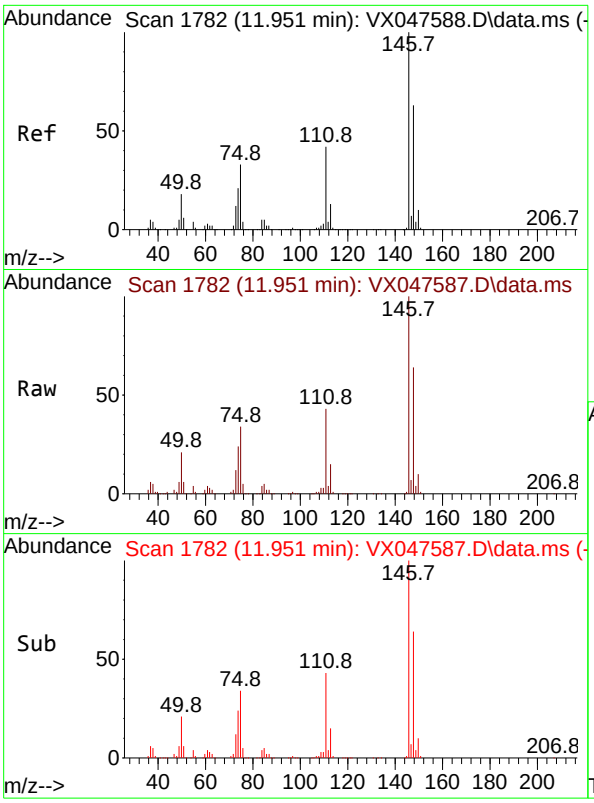


#86
p-Isopropyltoluene
Concen: 20.972 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:119 Resp: 190931

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.6	37.8
91	26.2	12.6	37.6

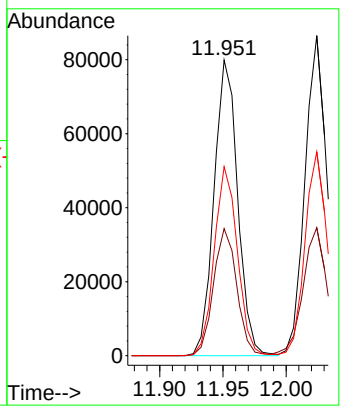




#87
1,3-Dichlorobenzene
Concen: 21.035 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 10358

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	62.7	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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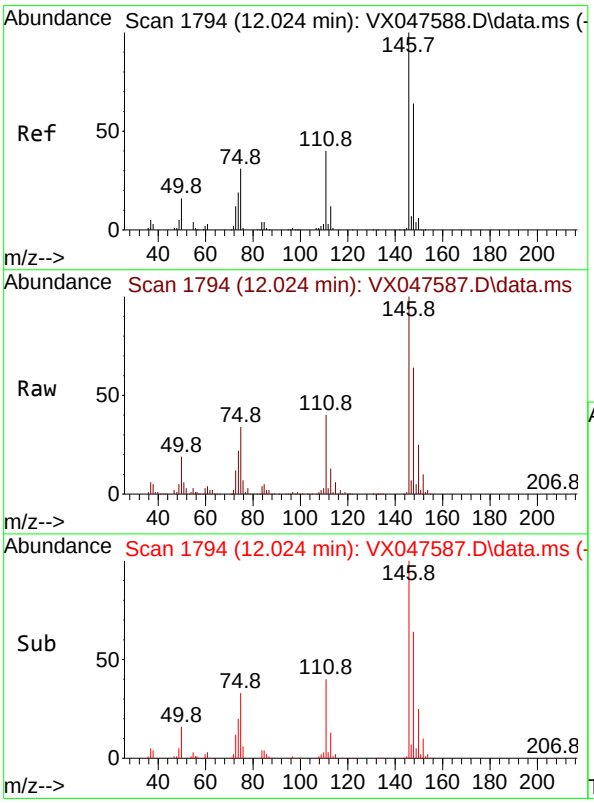
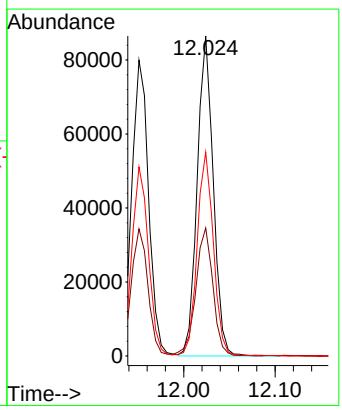
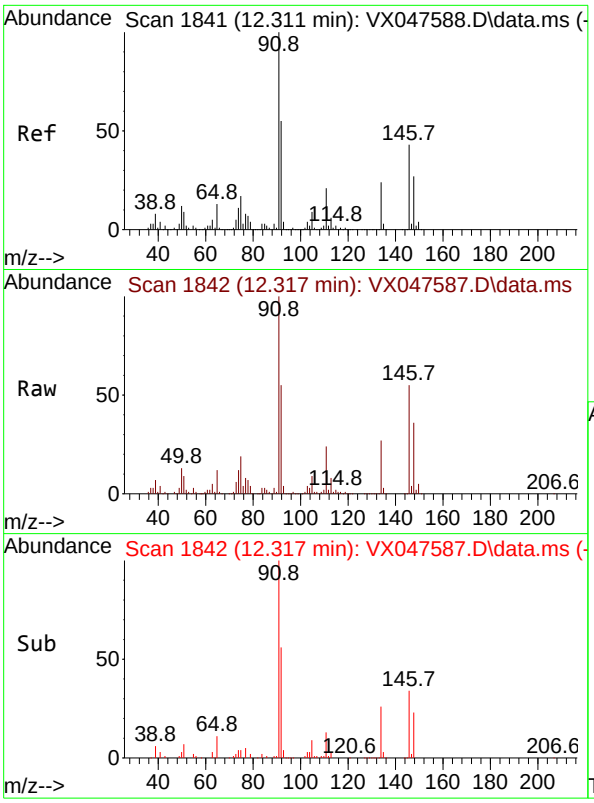


#88
1,4-Dichlorobenzene
Concen: 20.937 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 105819

Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.8	62.4
148	64.4	31.7	95.1

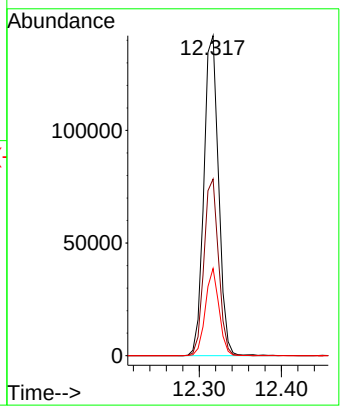




#89
n-Butylbenzene
Concen: 20.937 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 17637

Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	25.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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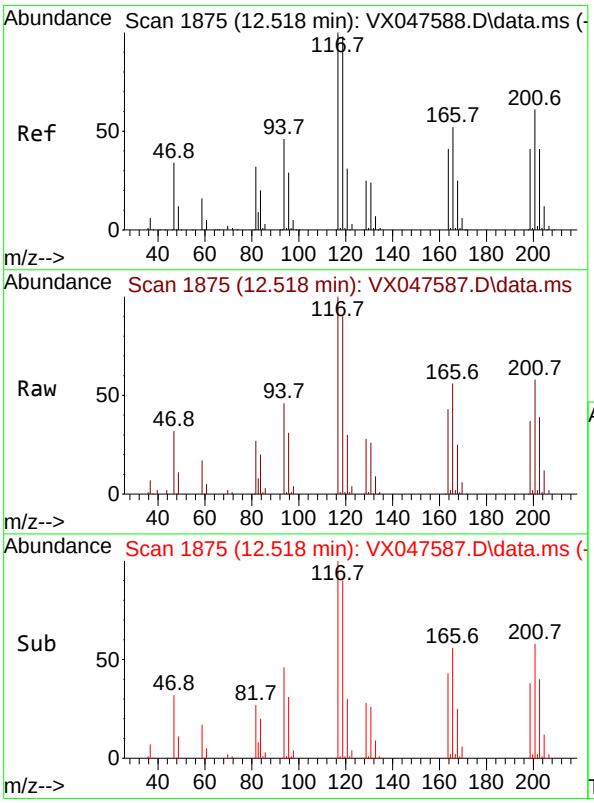
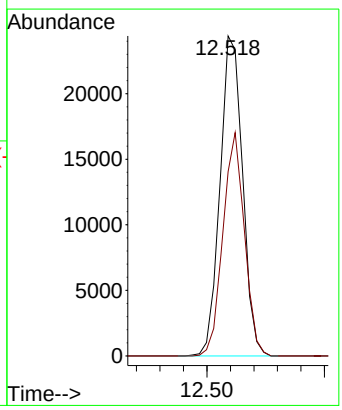
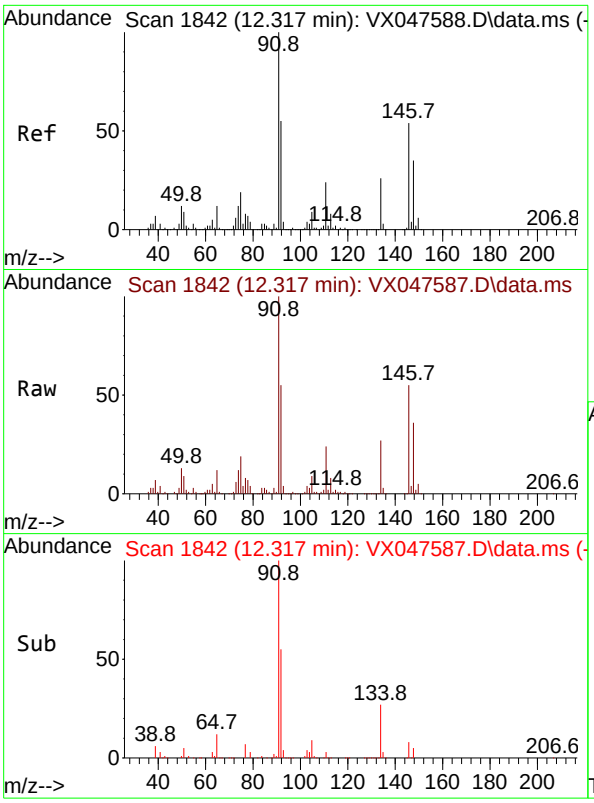


#90
Hexachloroethane
Concen: 20.349 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 32526

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

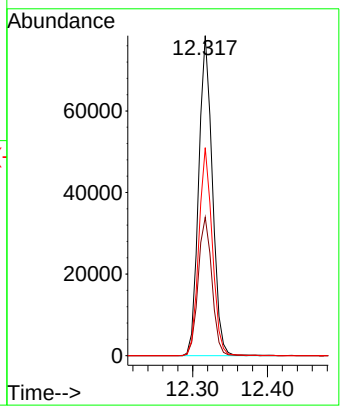




#91
1,2-Dichlorobenzene
Concen: 21.207 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 9949

Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.2	66.6
148	63.9	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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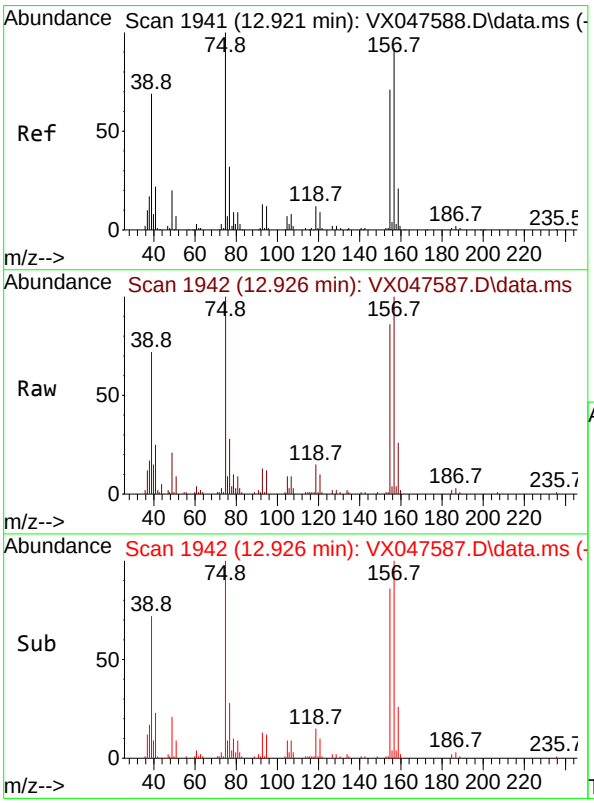
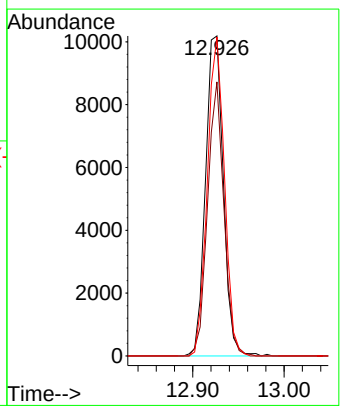
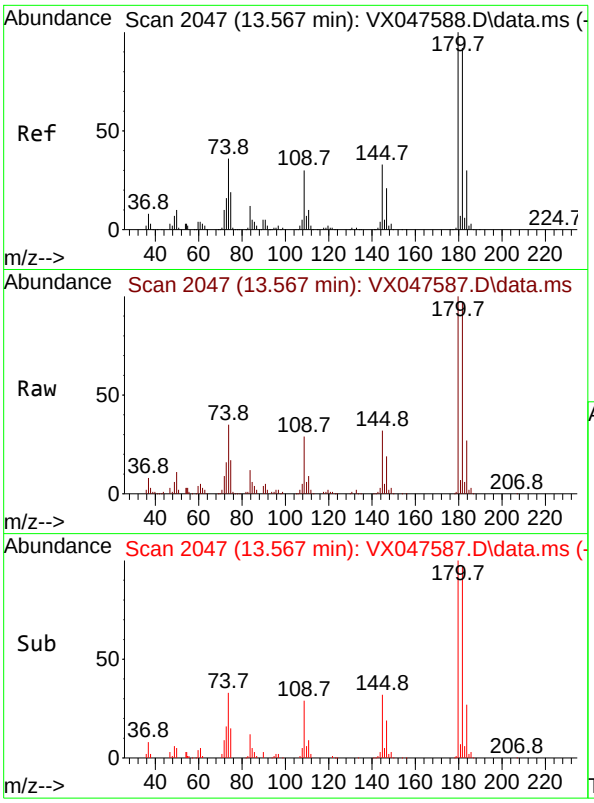


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.821 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 13729

Ion	Ratio	Lower	Upper
75	100		
155	78.8	37.7	113.1
157	95.9	49.8	149.4

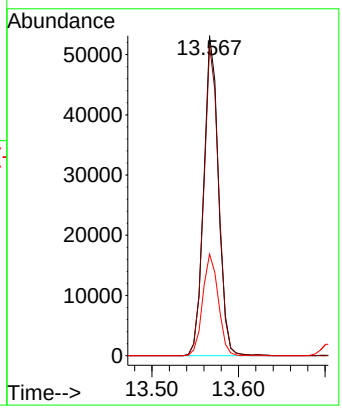




#93
1,2,4-Trichlorobenzene
Concen: 20.571 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:180 Resp: 6272

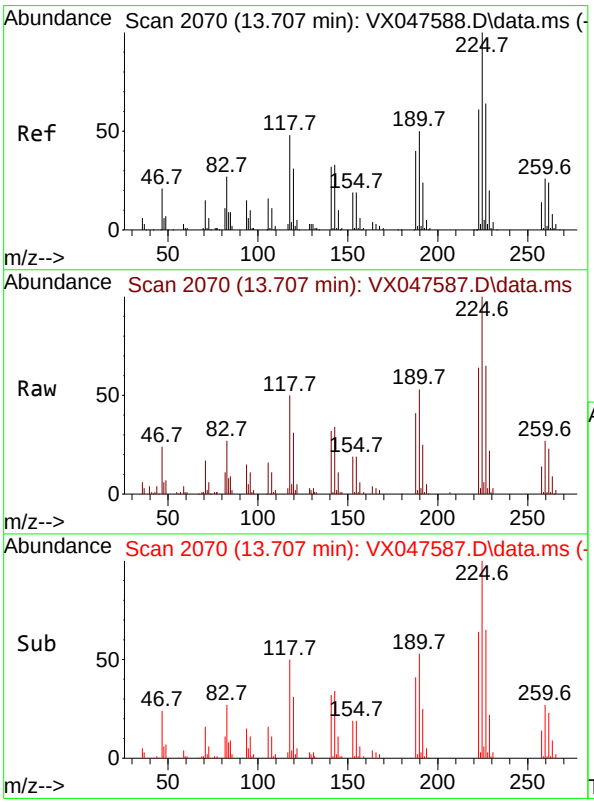
Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.6	139.8
145	33.4	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

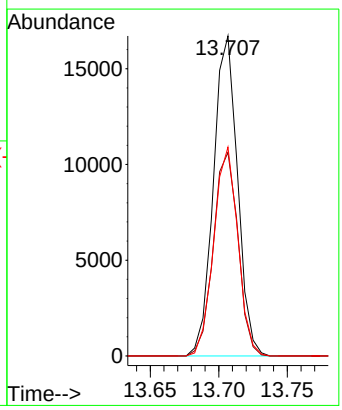
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

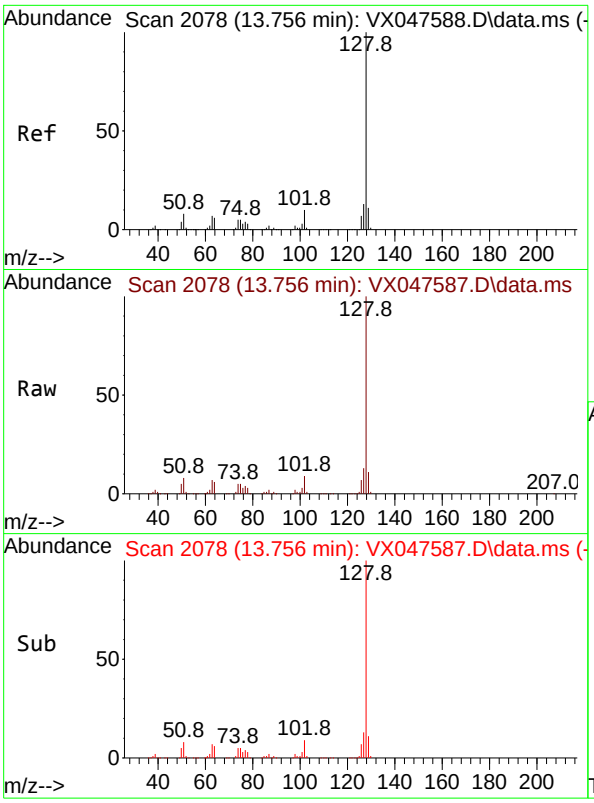


#94
Hexachlorobutadiene
Concen: 19.751 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:225 Resp: 20456

Ion	Ratio	Lower	Upper
225	100		
223	65.0	31.7	95.1
227	65.1	32.0	96.0

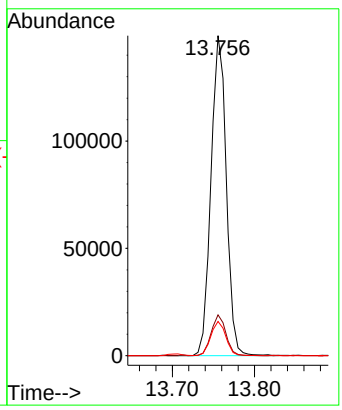




#95
Naphthalene
Concen: 20.801 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:128 Resp: 19313

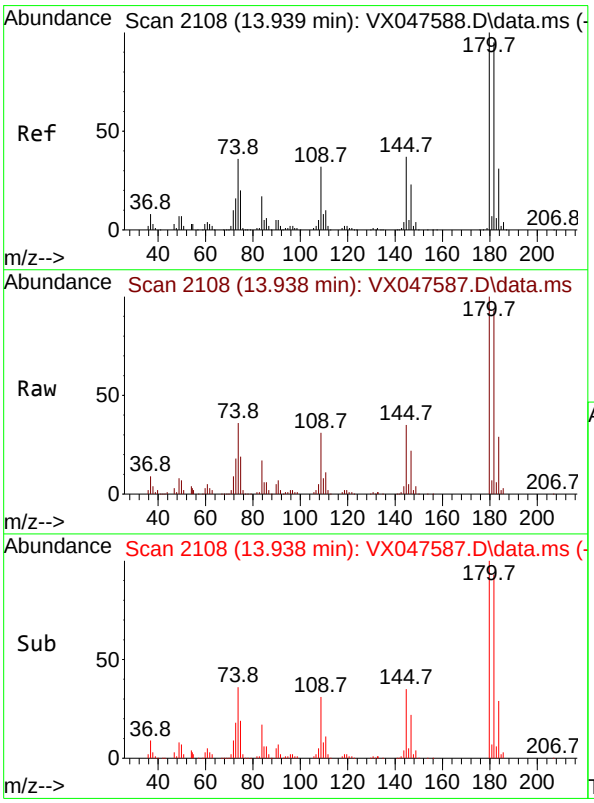
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.5	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

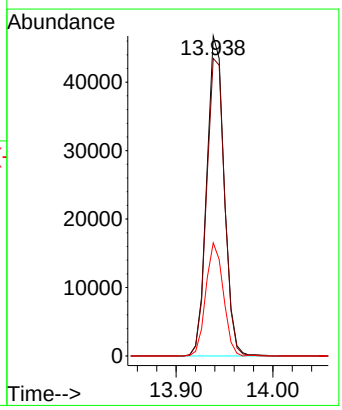
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.593 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:180 Resp: 58409

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	35.5	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	173407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	133606	48.404	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.800%			
35) Dibromofluoromethane	5.373	113	101627	49.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.600%			
50) Toluene-d8	8.635	98	352578	49.428	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.061	95	131217	48.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	86824	48.352	ug/l	100
3) Chloromethane	1.301	50	114682	48.594	ug/l	100
4) Vinyl Chloride	1.380	62	114666	49.635	ug/l	100
5) Bromomethane	1.618	94	73561	50.216	ug/l	100
6) Chloroethane	1.697	64	76736	49.698	ug/l	100
7) Trichlorofluoromethane	1.898	101	172561	50.307	ug/l	100
8) Diethyl Ether	2.136	74	70874	50.510	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	101178	50.445	ug/l	100
10) Methyl Iodide	2.459	142	158046	50.525	ug/l	100
11) Tert butyl alcohol	2.941	59	77232	251.232	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104724	50.831	ug/l	100
13) Acrolein	2.239	56	70721	249.645	ug/l	100
14) Allyl chloride	2.666	41	210001	49.396	ug/l	100
15) Acrylonitrile	3.063	53	300642	264.027	ug/l	100
16) Acetone	2.374	43	275065	229.193	ug/l	100
17) Carbon Disulfide	2.520	76	271480	48.133	ug/l	100
18) Methyl Acetate	2.703	43	151968	56.897	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	389607	51.804	ug/l	100
20) Methylene Chloride	2.788	84	126506	49.798	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	112553	50.743	ug/l	100
22) Diisopropyl ether	3.758	45	429524	52.131	ug/l	100
23) Vinyl Acetate	3.715	43	1726735	261.852	ug/l	100
24) 1,1-Dichloroethane	3.605	63	224824	51.338	ug/l	100
25) 2-Butanone	4.538	43	380335	254.060	ug/l	100
26) 2,2-Dichloropropane	4.465	77	185247	50.888	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	140105	51.576	ug/l	100
28) Bromochloromethane	4.891	49	99991	52.301	ug/l	100
29) Tetrahydrofuran	4.989	42	238677	265.026	ug/l	100
30) Chloroform	5.080	83	229430	51.844	ug/l	100
31) Cyclohexane	5.458	56	178546	48.952	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	195407	52.058	ug/l	100
36) 1,1-Dichloropropene	5.684	75	149800	49.729	ug/l	100
37) Ethyl Acetate	4.702	43	163482	50.687	ug/l	100
38) Carbon Tetrachloride	5.672	117	165730	50.637	ug/l	100
39) Methylcyclohexane	7.367	83	173610	50.773	ug/l	100
40) Benzene	6.025	78	468136	51.167	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	87761	52.707	ug/l		100
42) 1,2-Dichloroethane	6.074	62	179037	51.431	ug/l		100
43) Isopropyl Acetate	6.324	43	275572	52.096	ug/l		100
44) Trichloroethene	7.111	130	113832	51.463	ug/l		100
45) 1,2-Dichloropropane	7.415	63	122109	52.122	ug/l		100
46) Dibromomethane	7.568	93	88505	51.914	ug/l		100
47) Bromodichloromethane	7.806	83	186540	53.025	ug/l		100
48) Methyl methacrylate	7.678	41	138167	52.438	ug/l		100
49) 1,4-Dioxane	7.647	88	29496	1107.698	ug/l		100
51) 4-Methyl-2-Pentanone	8.562	43	784978	267.650	ug/l		100
52) Toluene	8.702	92	288853	51.244	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	190282	53.027	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	200859	52.369	ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	112837	51.915	ug/l		100
56) Ethyl methacrylate	9.104	69	184087	53.930	ug/l		100
57) 1,3-Dichloropropane	9.293	76	195989	52.492	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	418707	256.309	ug/l		100
59) 2-Hexanone	9.415	43	553313	262.683	ug/l		100
60) Dibromochloromethane	9.506	129	133737	53.401	ug/l		100
61) 1,2-Dibromoethane	9.592	107	116462	52.607	ug/l		100
64) Tetrachloroethene	9.257	164	88149	50.074	ug/l		100
65) Chlorobenzene	10.061	112	317982	51.833	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	111849	52.835	ug/l		100
67) Ethyl Benzene	10.177	91	550610	52.017	ug/l		100
68) m/p-Xylenes	10.287	106	412932	104.809	ug/l		100
69) o-Xylene	10.622	106	202291	53.084	ug/l		100
70) Styrene	10.640	104	350654	52.515	ug/l		100
71) Bromoform	10.781	173	84485	53.447	ug/l	#	100
73) Isopropylbenzene	10.945	105	516891	53.227	ug/l		100
74) N-amyl acetate	10.829	43	237846	53.710	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	156454	53.251	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	144074m	54.322	ug/l		
77) Bromobenzene	11.183	156	126174	52.754	ug/l		100
78) n-propylbenzene	11.287	91	612035	53.315	ug/l		100
79) 2-Chlorotoluene	11.348	91	372397	52.965	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	426989	53.518	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	52927	52.190	ug/l		100
82) 4-Chlorotoluene	11.439	91	438502	52.806	ug/l		100
83) tert-Butylbenzene	11.695	119	429107	52.539	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	427073	52.798	ug/l		100
85) sec-Butylbenzene	11.872	105	514442	53.029	ug/l		100
86) p-Isopropyltoluene	11.994	119	436704	53.172	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	232038	52.232	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	233975	51.316	ug/l		100
89) n-Butylbenzene	12.311	91	400997	52.766	ug/l		100
90) Hexachloroethane	12.518	117	75800	52.567	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	222993	52.688	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	32451	54.554	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	147670	53.685	ug/l		100
94) Hexachlorobutadiene	13.707	225	49061	52.510	ug/l		100
95) Naphthalene	13.756	128	452013	53.966	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	138978	54.316	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

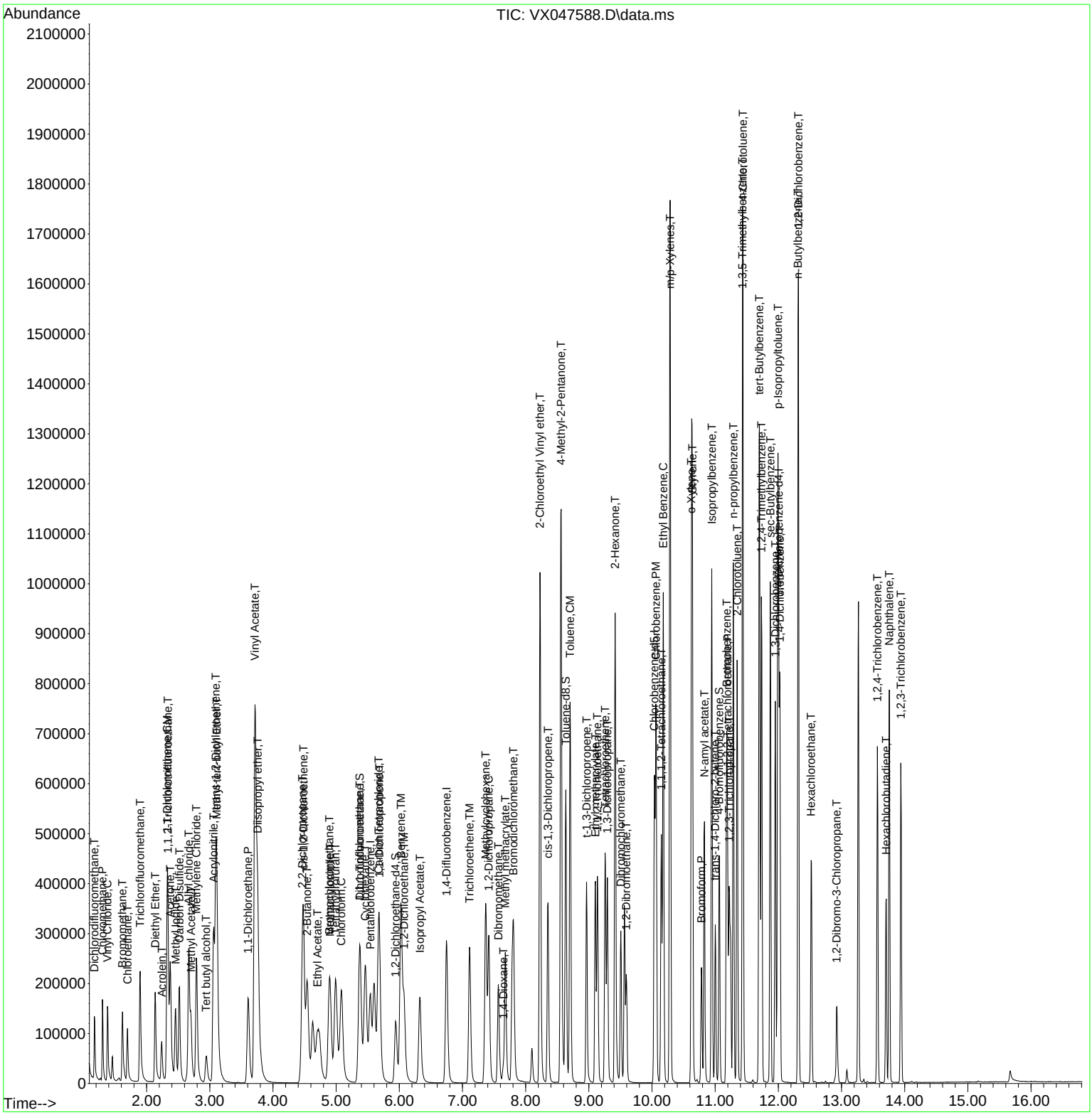
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047588.D
Acq On : 16 Sep 2025 10:58
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

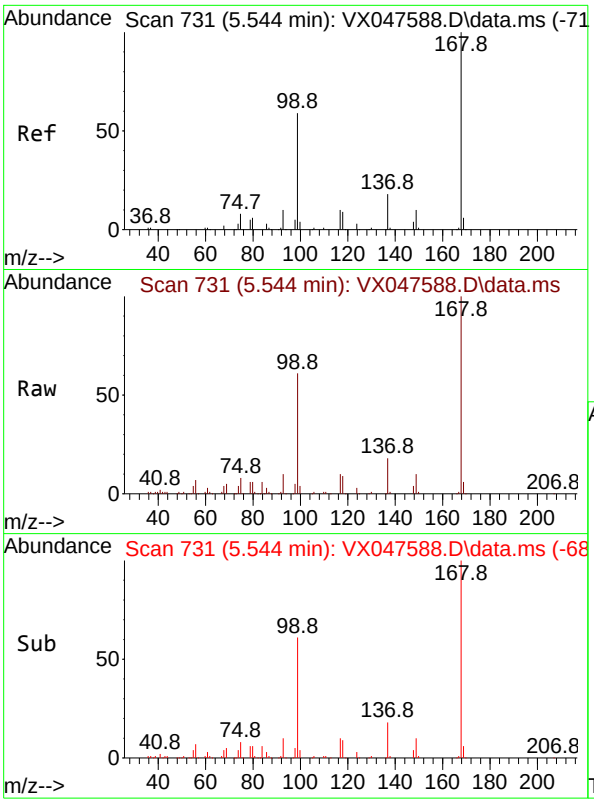
Quant Time: Sep 17 06:13:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

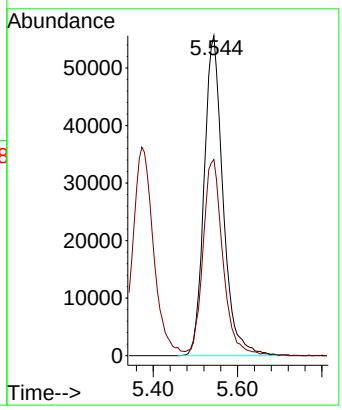




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:168 Resp: 17340

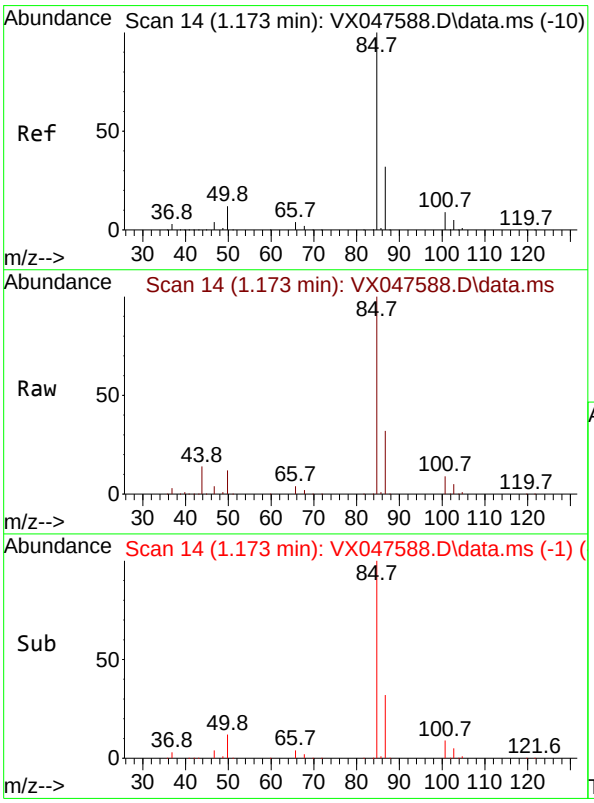
Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

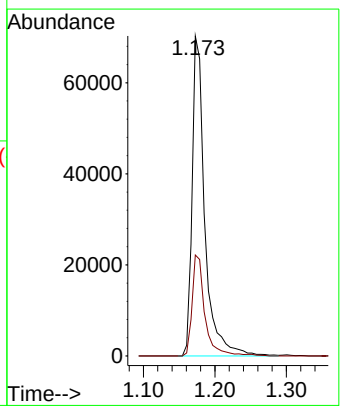
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

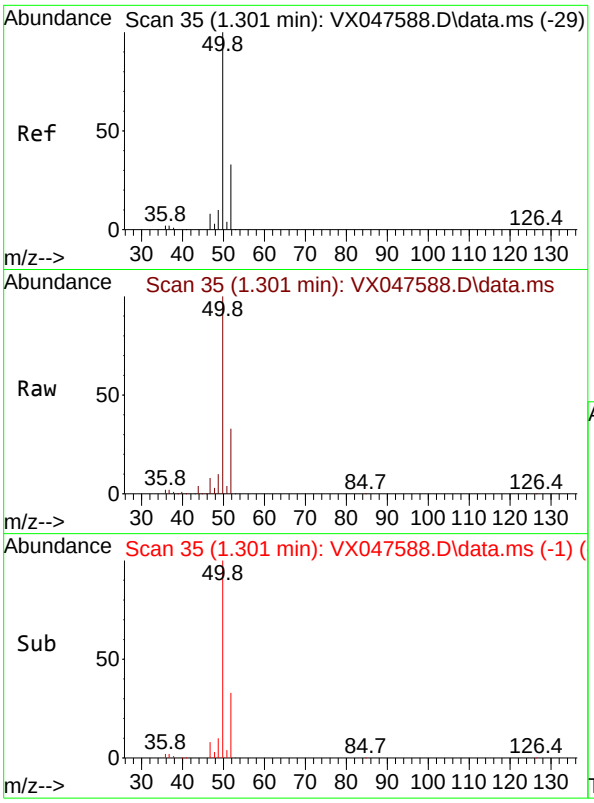


#2
Dichlorodifluoromethane
Concen: 48.352 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 85 Resp: 86824

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3

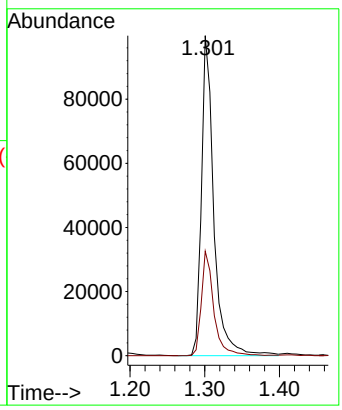




#3
Chloromethane
Concen: 48.594 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 50 Resp: 11468

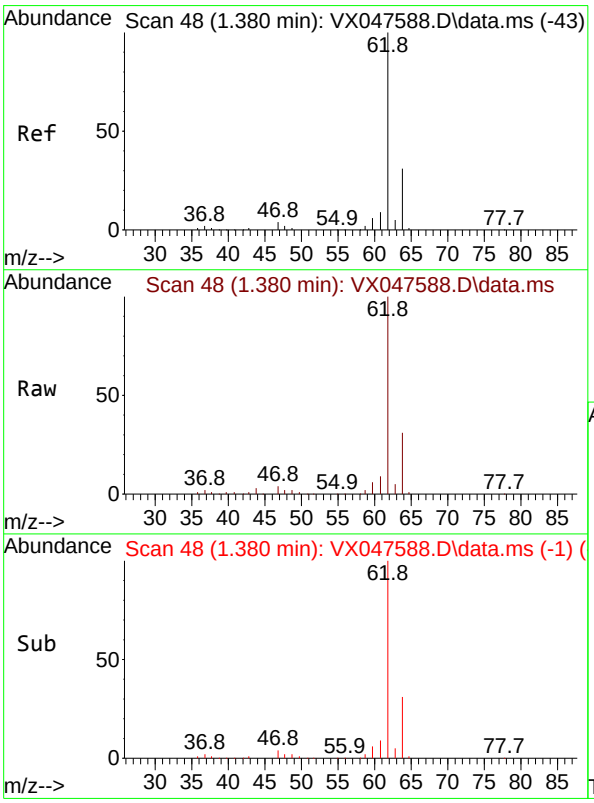
Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

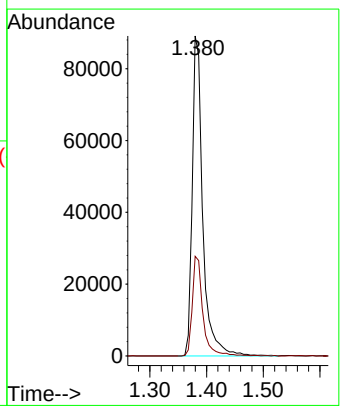
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

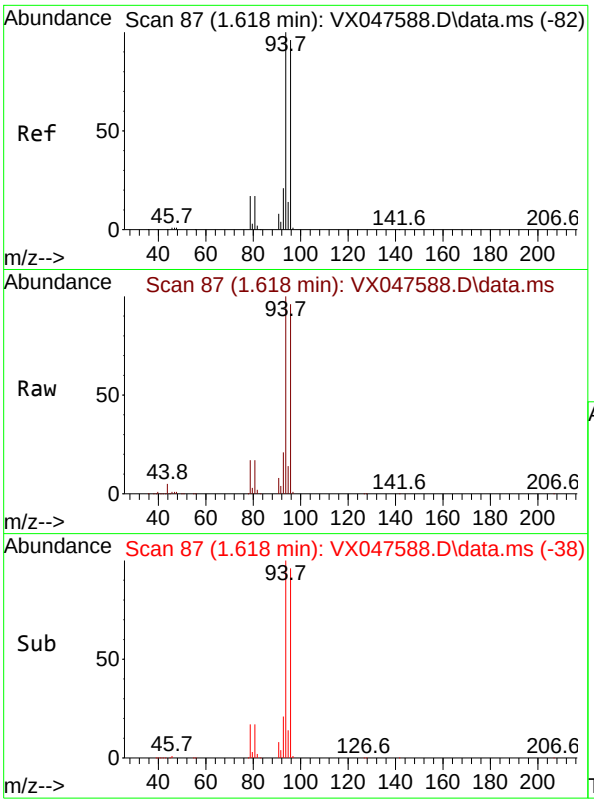


#4
Vinyl Chloride
Concen: 49.635 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 114666

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3

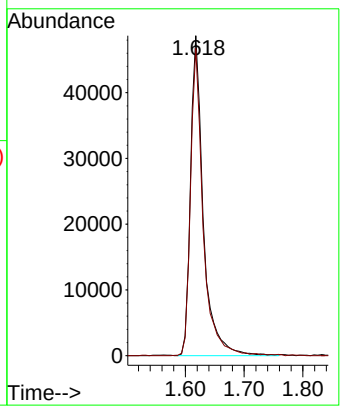




#5
Bromomethane
Concen: 50.216 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 94 Resp: 7356

Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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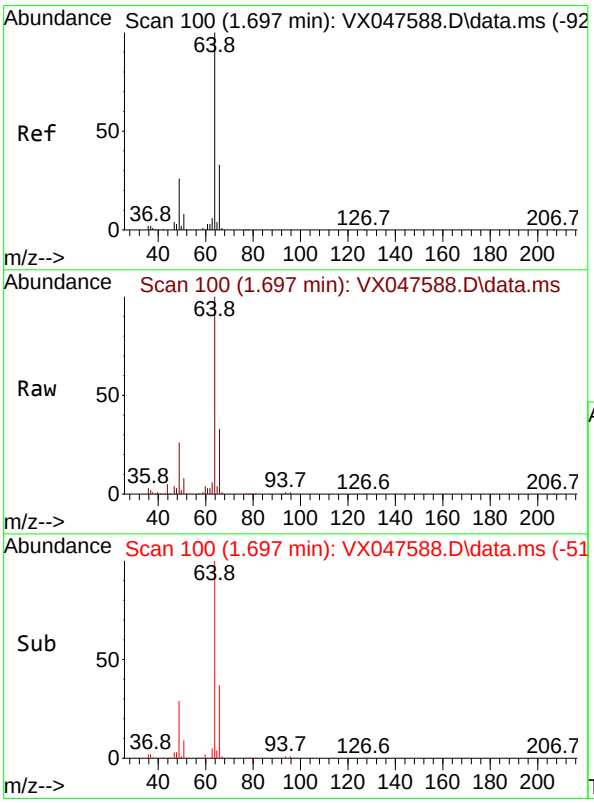
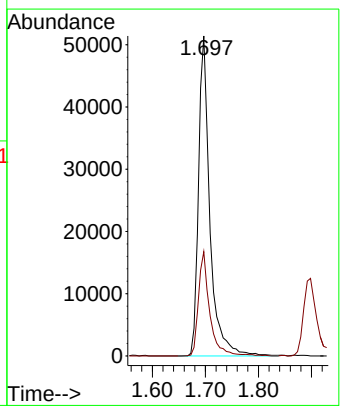
Supervised By :Mahesh Dadoda 09/18/2025

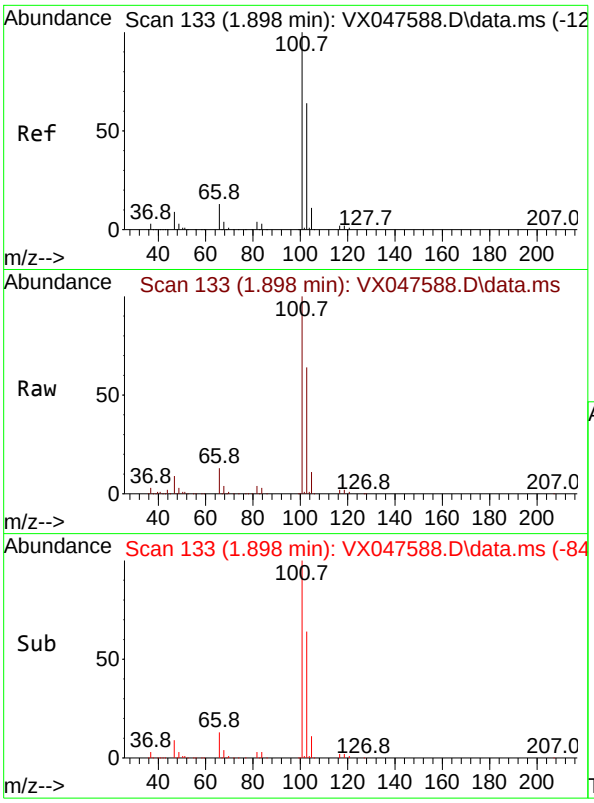


#6
Chloroethane
Concen: 49.698 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 64 Resp: 76736

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.1	39.1

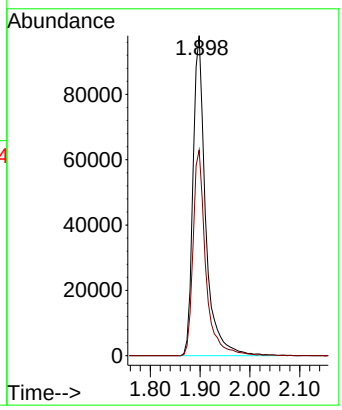




#7
Trichlorofluoromethane
Concen: 50.307 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:101 Resp: 17256

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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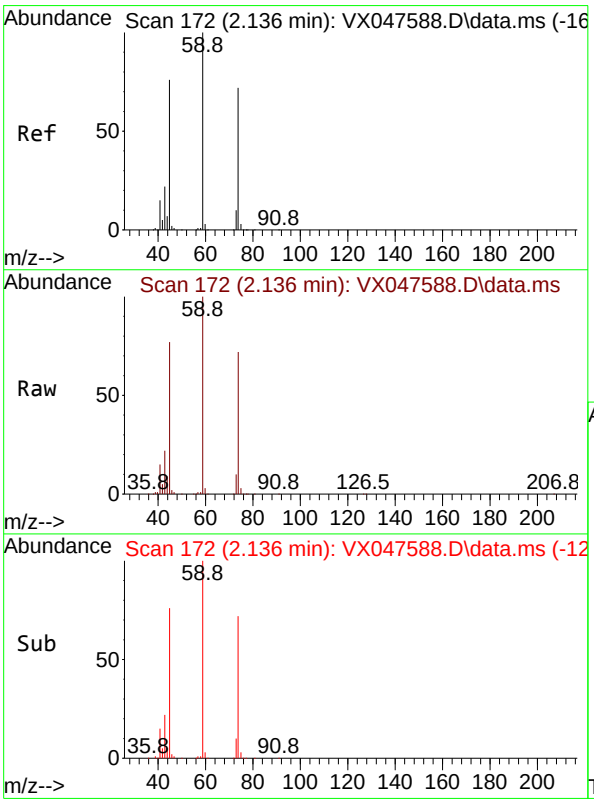
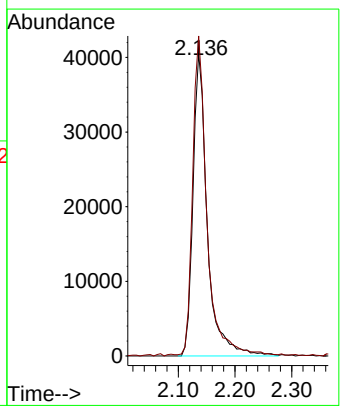
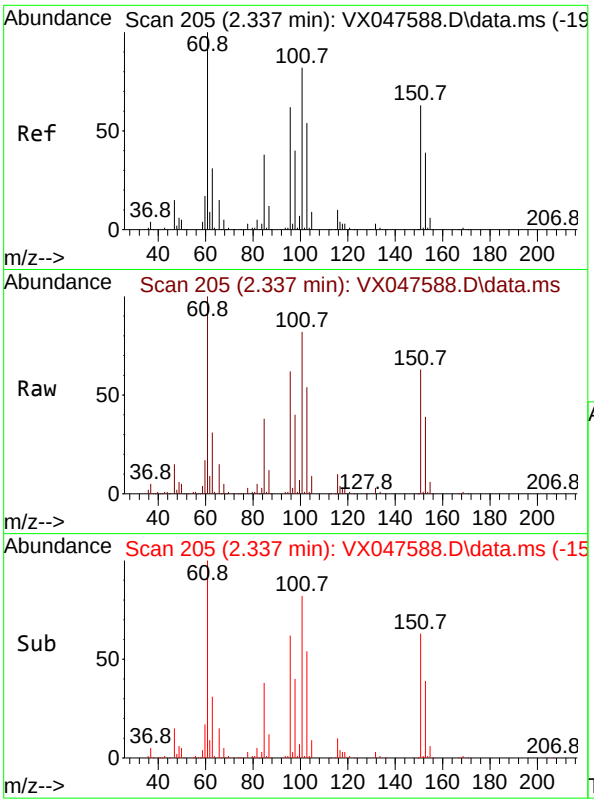


#8
Diethyl Ether
Concen: 50.510 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 74 Resp: 70874

Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	156.8

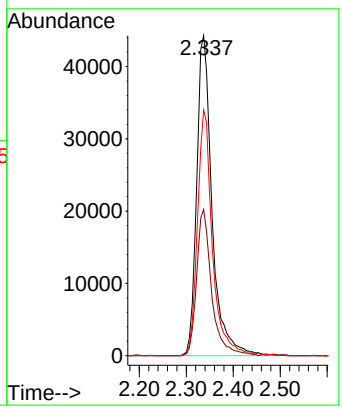




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.445 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:101 Resp: 10117

Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	74.2	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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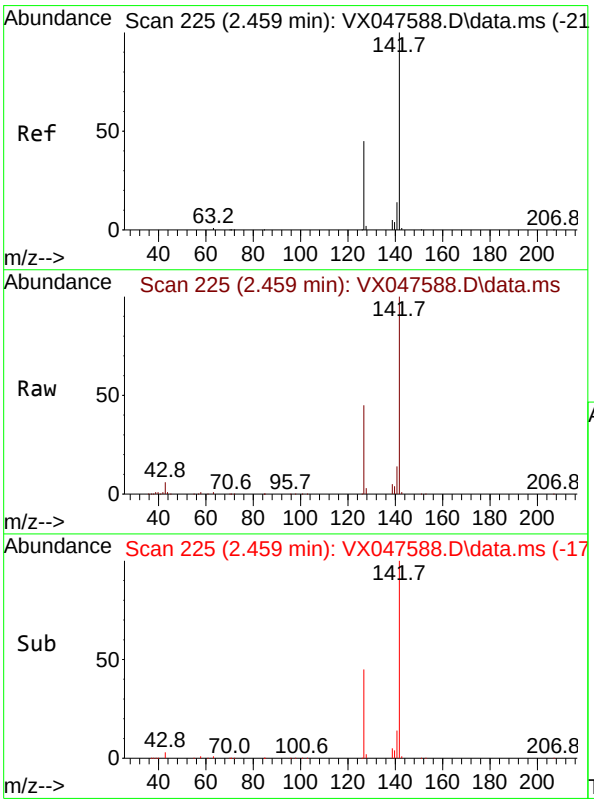
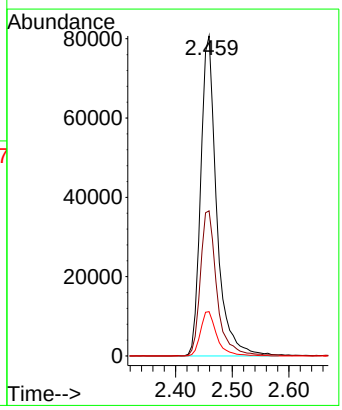
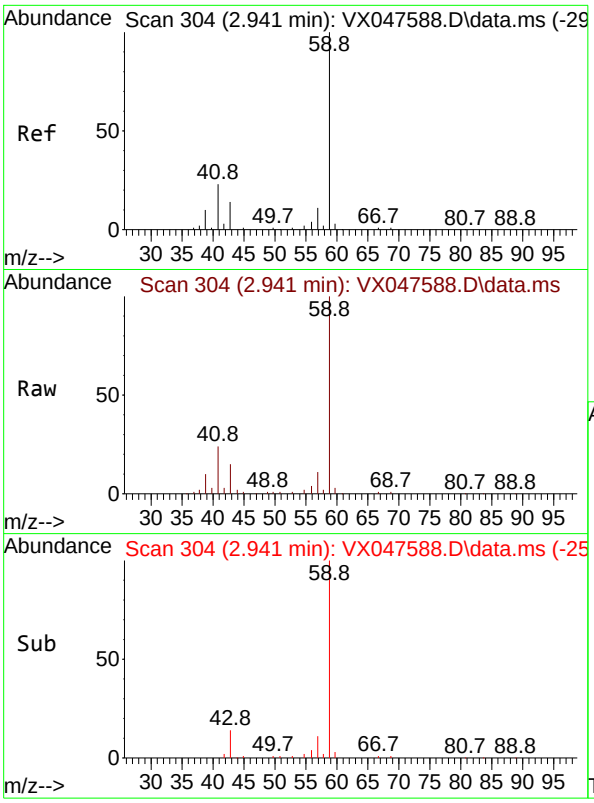


#10
Methyl Iodide
Concen: 50.525 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:142 Resp: 158046

Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.2	55.8
141	14.2	11.4	17.0

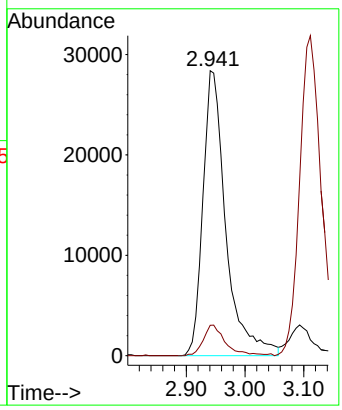




#11
Tert butyl alcohol
Concen: 251.232 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 59 Resp: 7723

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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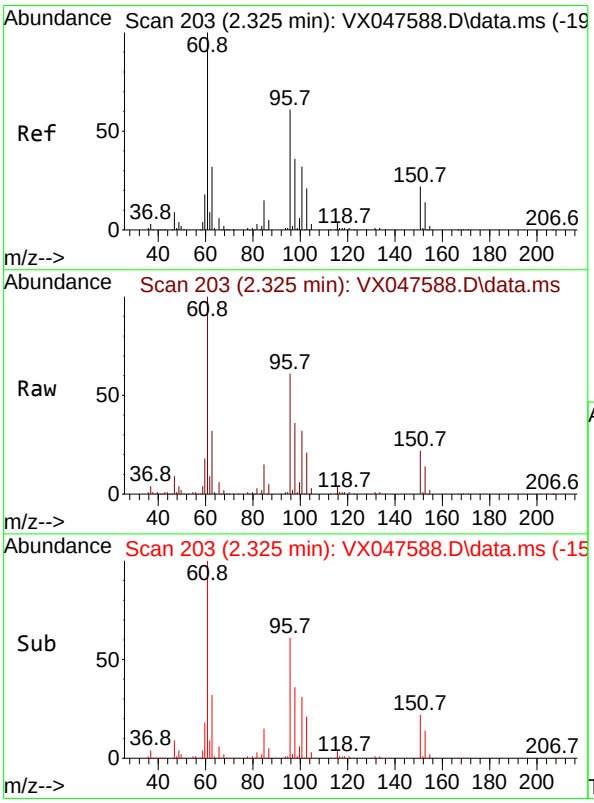
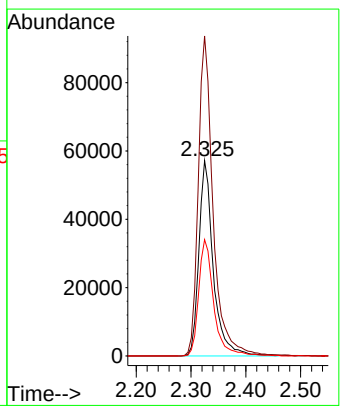
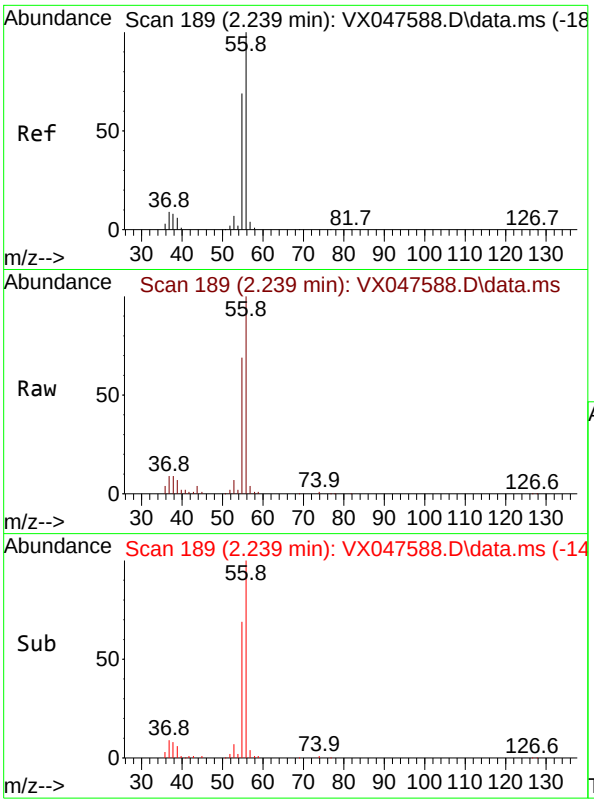


#12
1,1-Dichloroethene
Concen: 50.831 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 104724

Ion	Ratio	Lower	Upper
96	100		
61	163.8	131.0	196.6
98	59.6	47.7	71.5

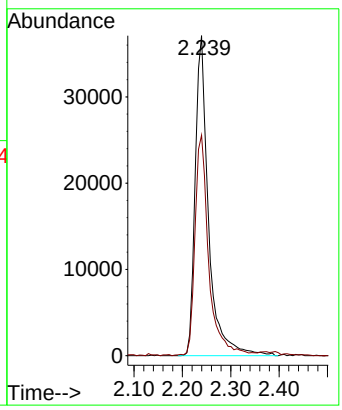




#13
Acrolein
Concen: 249.645 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 56 Resp: 7072

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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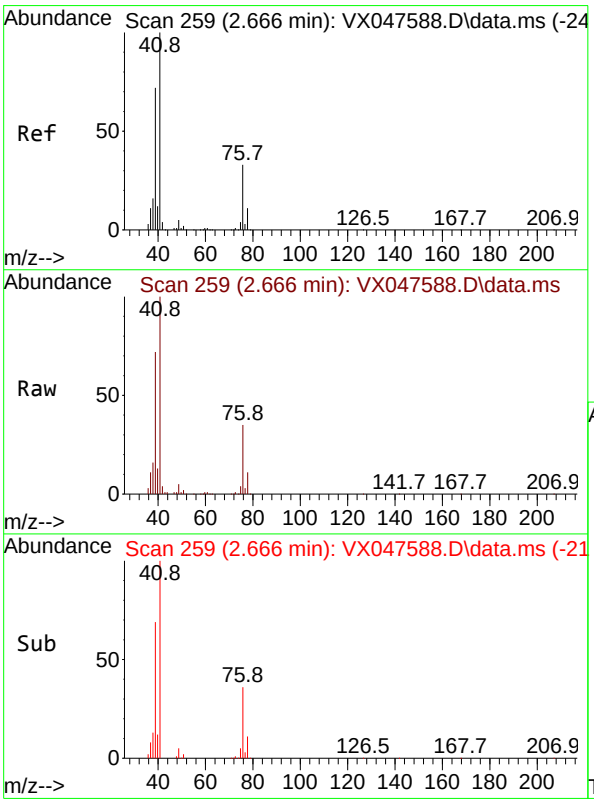
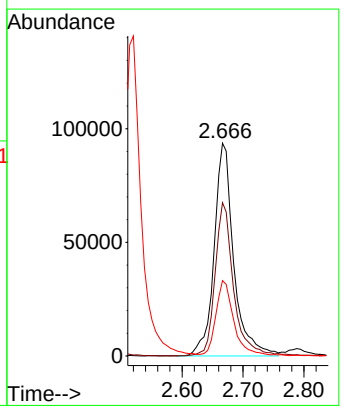
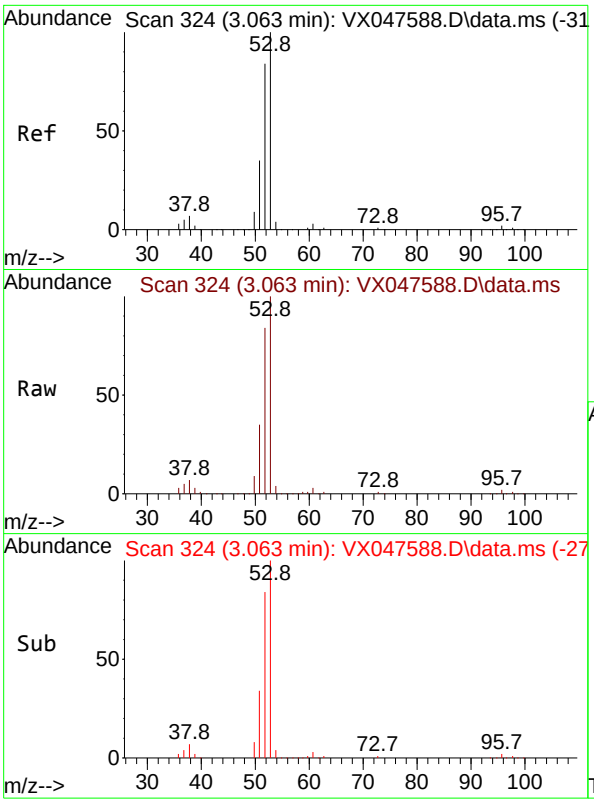


#14
Allyl chloride
Concen: 49.396 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 210001

Ion	Ratio	Lower	Upper
41	100		
39	68.4	54.7	82.1
76	32.1	25.7	38.5

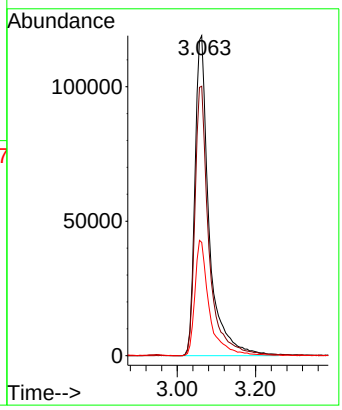




#15
Acrylonitrile
Concen: 264.027 ug/l
RT: 3.063 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 53 Resp: 30064

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	36.9	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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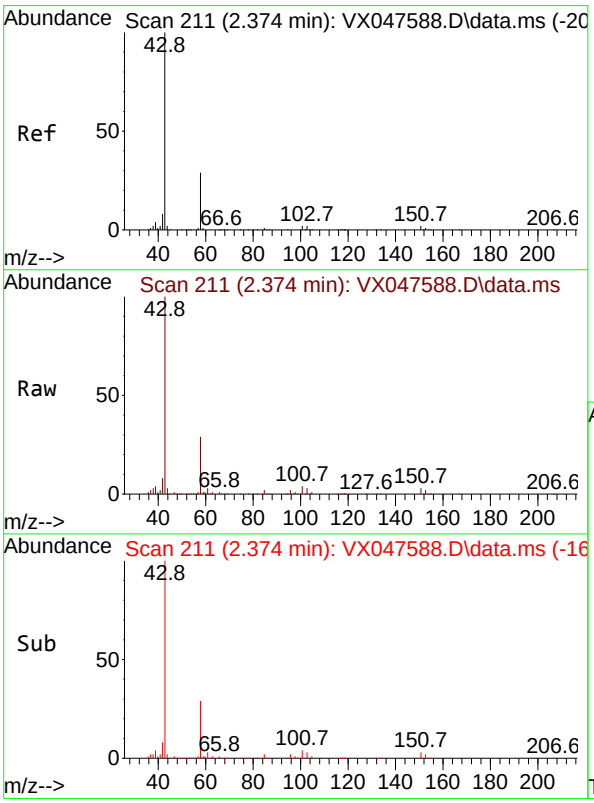
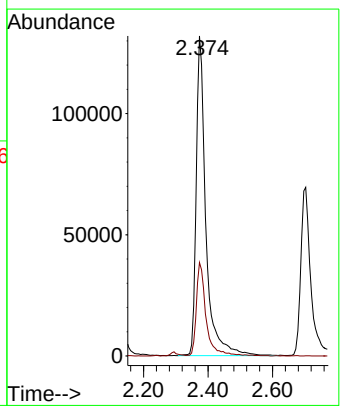
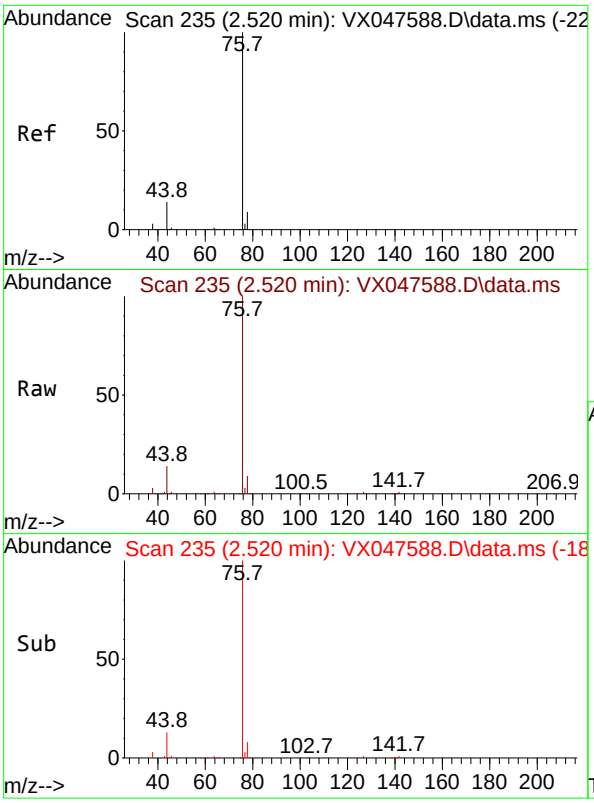


#16
Acetone
Concen: 229.193 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 275065

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.0

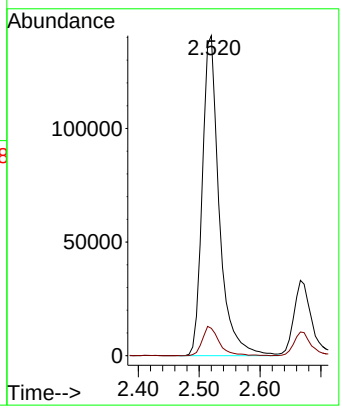




#17
Carbon Disulfide
Concen: 48.133 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 76 Resp: 27148

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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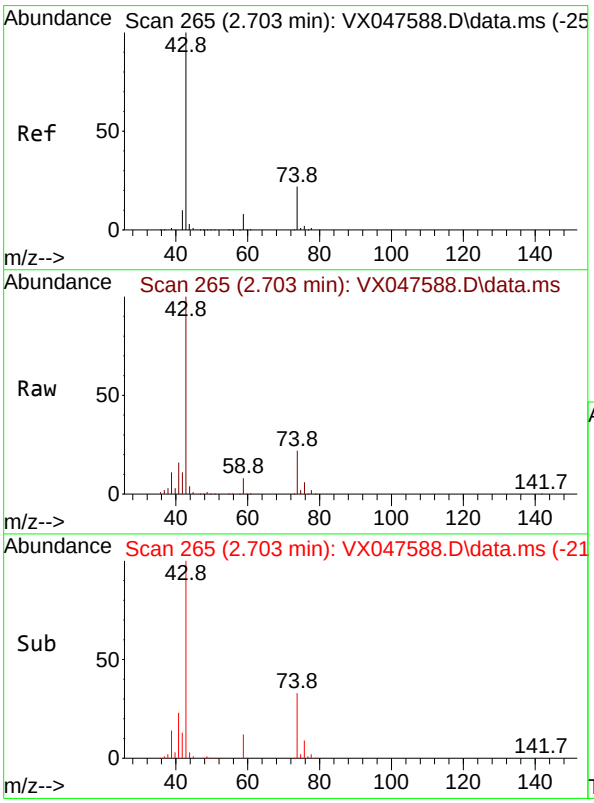
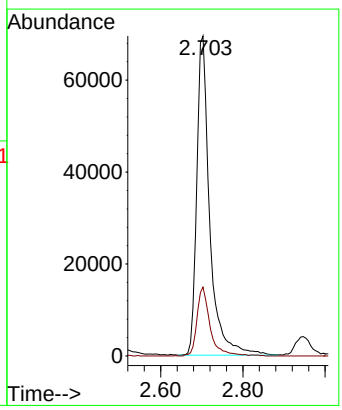
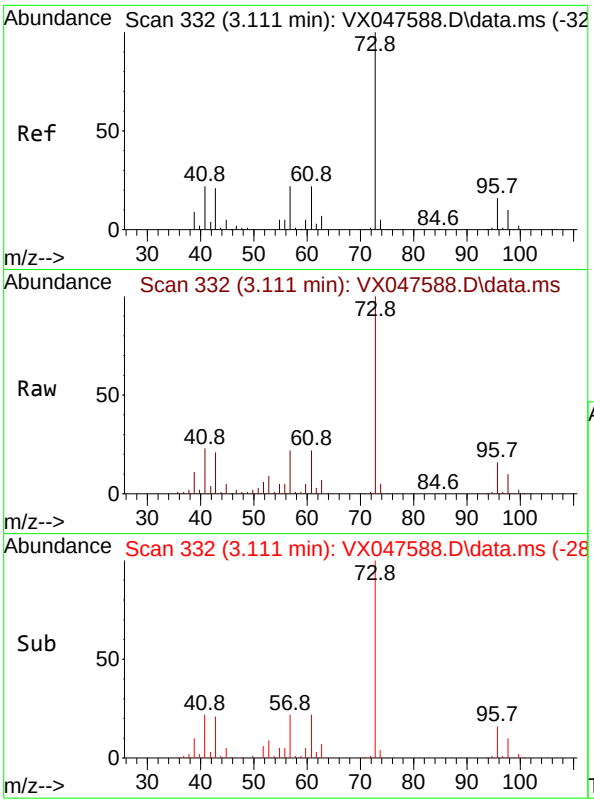


#18
Methyl Acetate
Concen: 56.897 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 151968

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

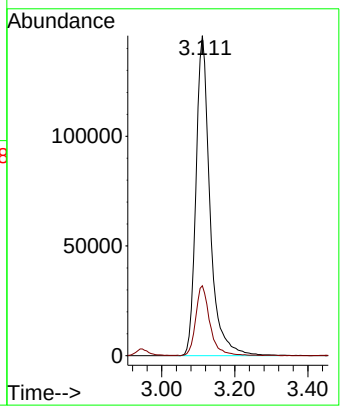




#19
Methyl tert-butyl Ether
Concen: 51.804 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 73 Resp: 38960

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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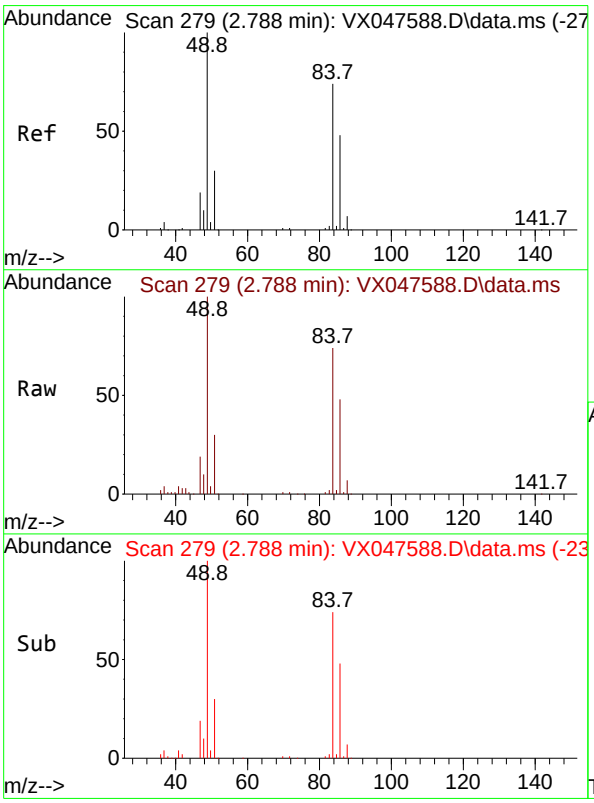
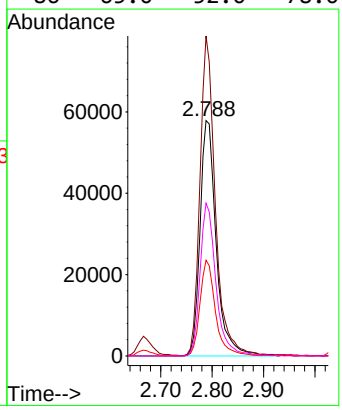
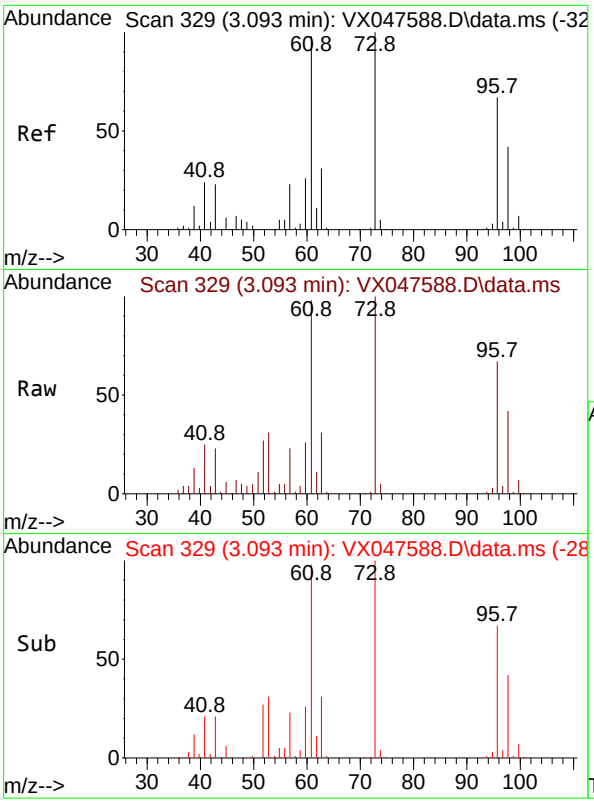


#20
Methylene Chloride
Concen: 49.798 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 84 Resp: 126506

Ion	Ratio	Lower	Upper
84	100		
49	135.7	108.6	162.8
51	40.7	32.6	48.8
86	65.0	52.0	78.0

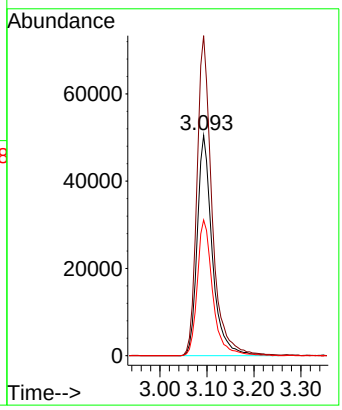




#21
trans-1,2-Dichloroethene
Concen: 50.743 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 11255

Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	61.6	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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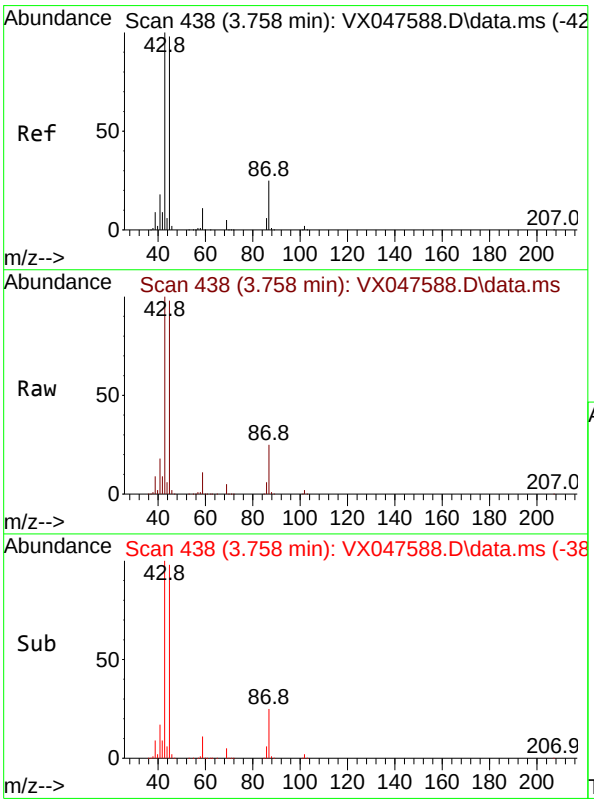
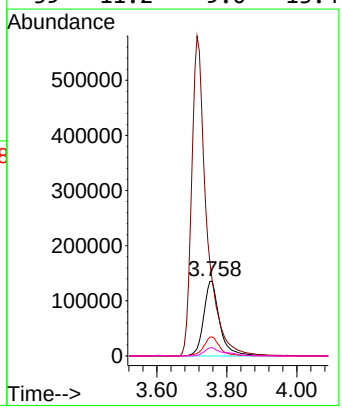
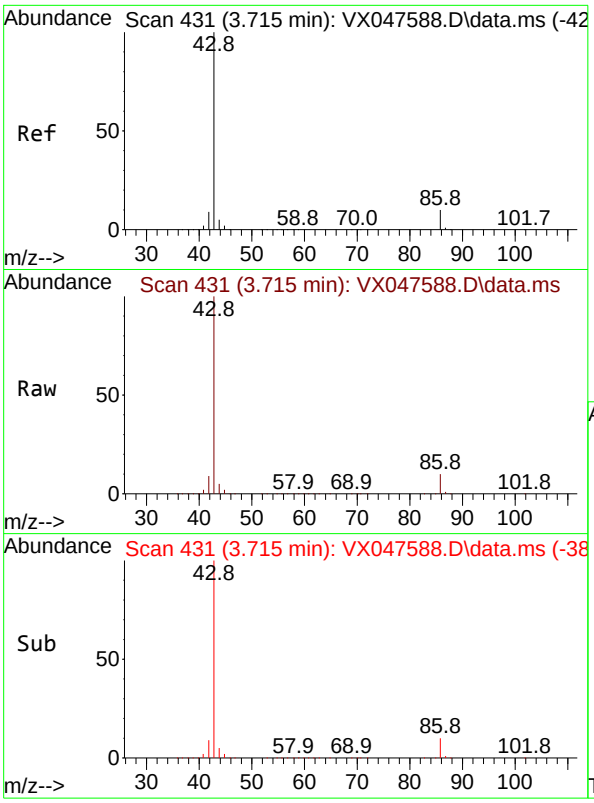


#22
Diisopropyl ether
Concen: 52.131 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 45 Resp: 429524

Ion	Ratio	Lower	Upper
45	100		
43	101.2	81.0	121.4
87	25.4	20.3	30.5
59	11.2	9.0	13.4





#23
Vinyl Acetate
Concen: 261.852 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 172673

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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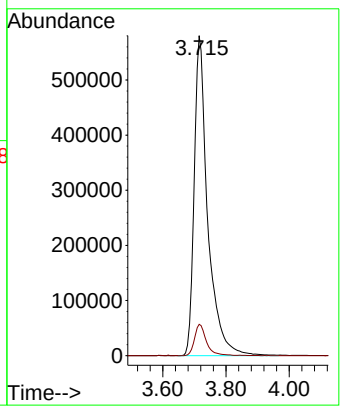
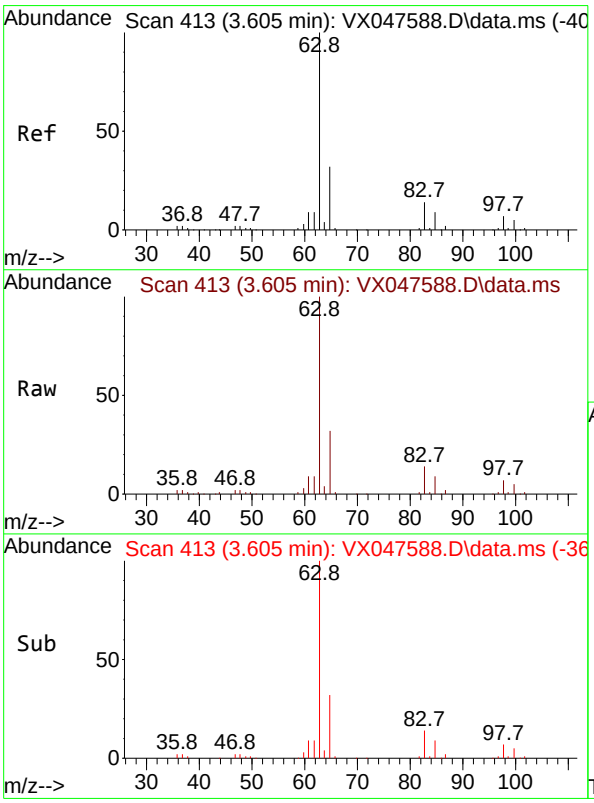
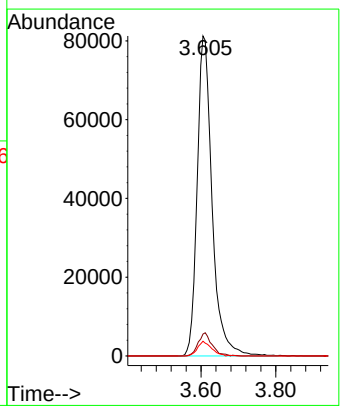


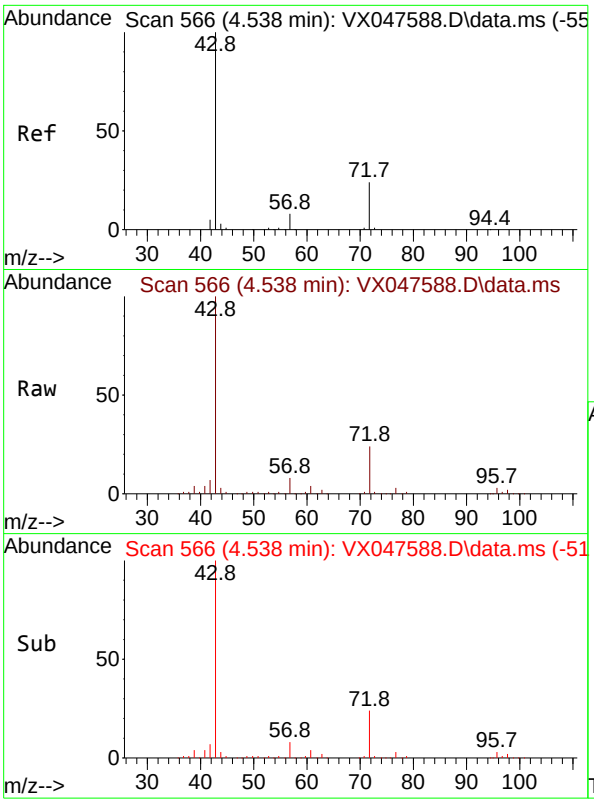


#24
1,1-Dichloroethane
Concen: 51.338 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 224824

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	4.6	2.3	6.9





#25
2-Butanone
Concen: 254.060 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 38033

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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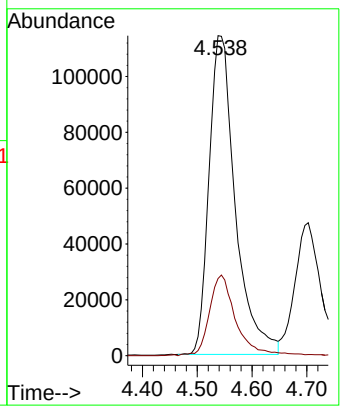
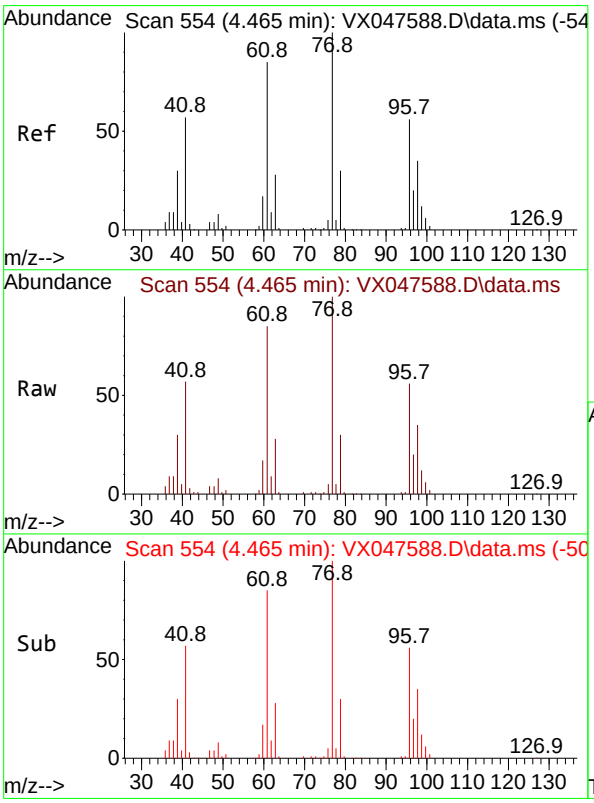
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

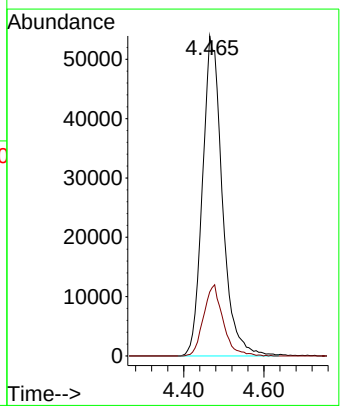


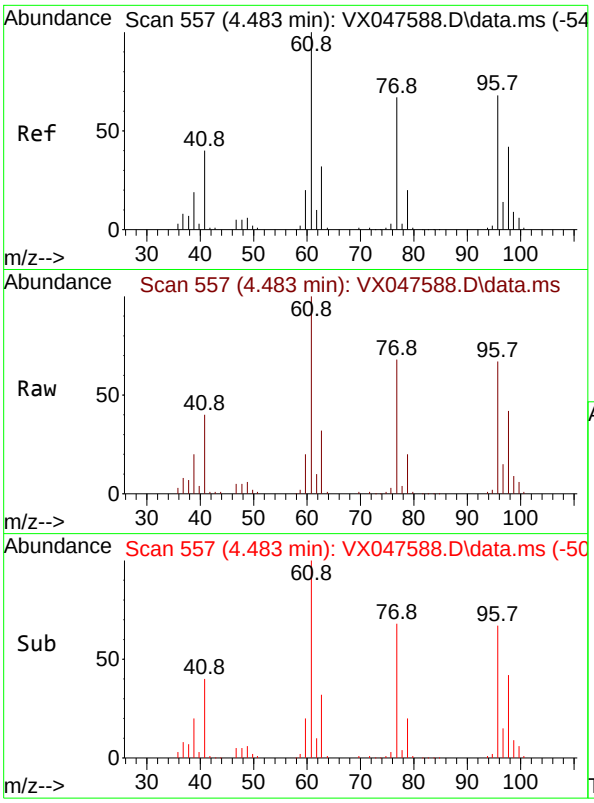


#26
2,2-Dichloropropane
Concen: 50.888 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 77 Resp: 185247

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7

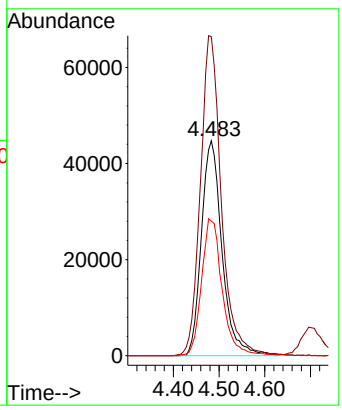




#27
cis-1,2-Dichloroethene
Concen: 51.576 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 96 Resp: 14010

Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	303.2
98	63.9	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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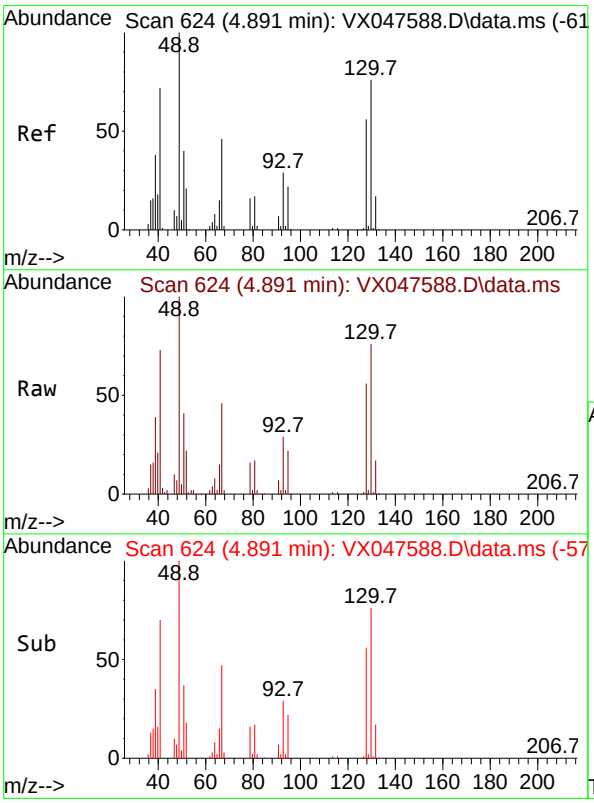
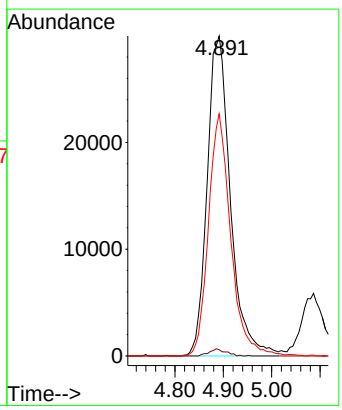
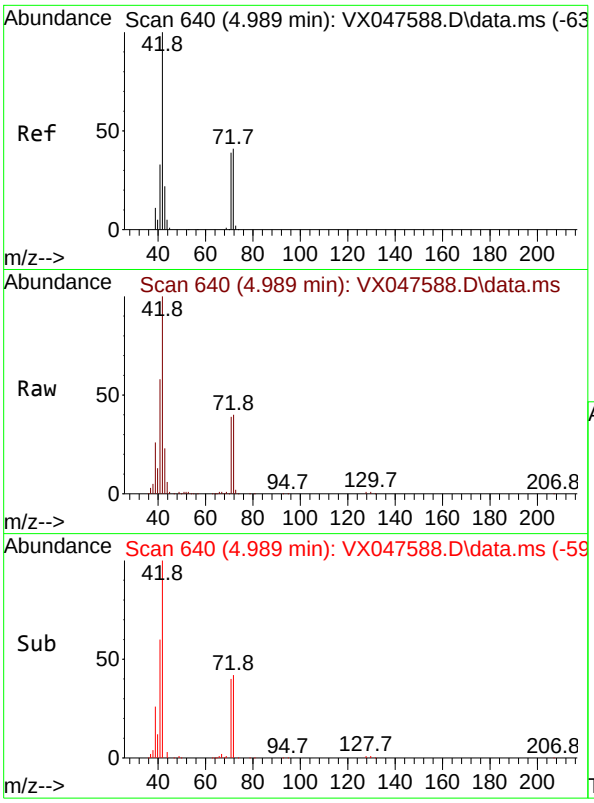


#28
Bromochloromethane
Concen: 52.301 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 49 Resp: 99991

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	72.3	57.8	86.8

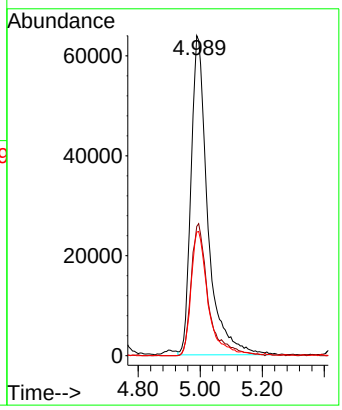




#29
Tetrahydrofuran
Concen: 265.026 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 42 Resp: 23867

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	39.9	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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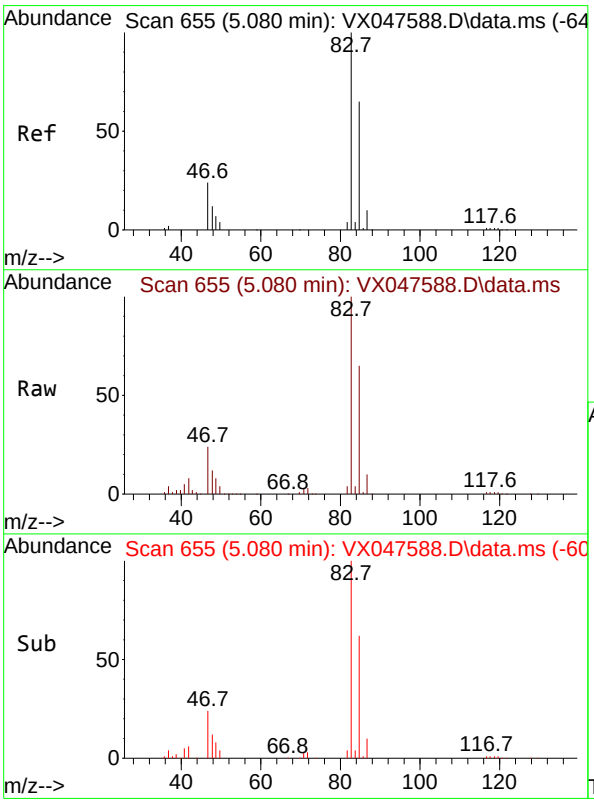
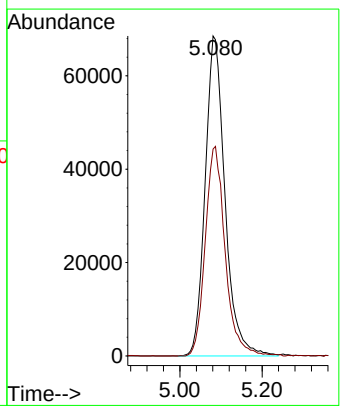
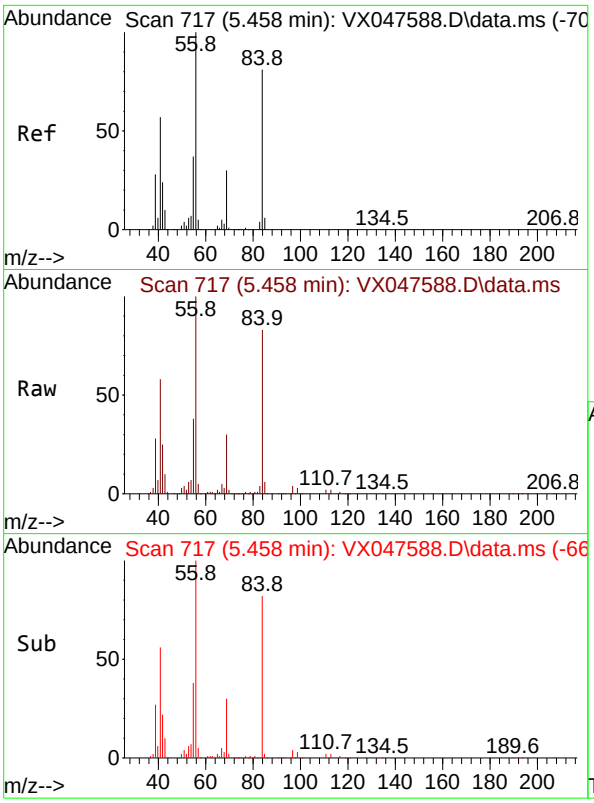


#30
Chloroform
Concen: 51.844 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 229430

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6

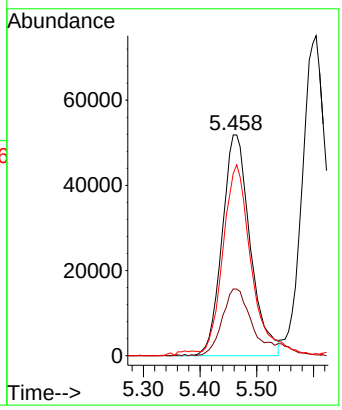




#31
Cyclohexane
Concen: 48.952 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 56 Resp: 17854

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	80.8	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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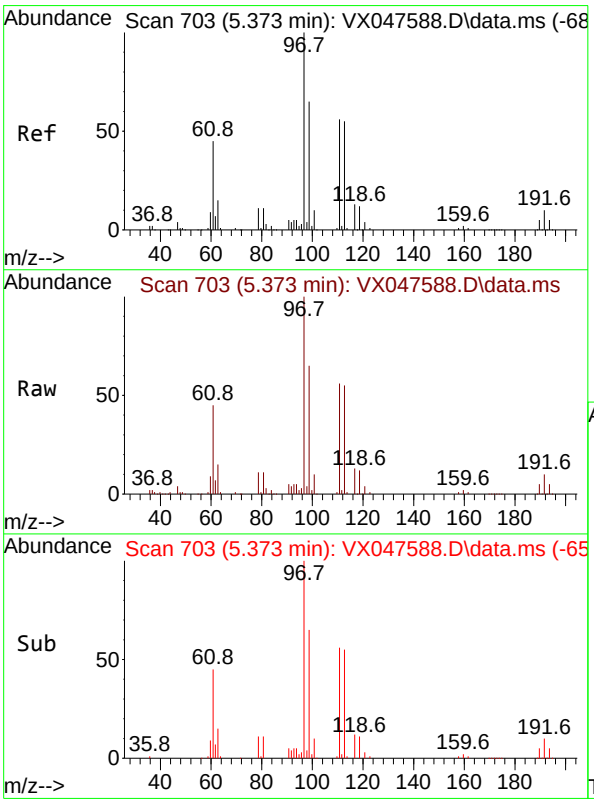
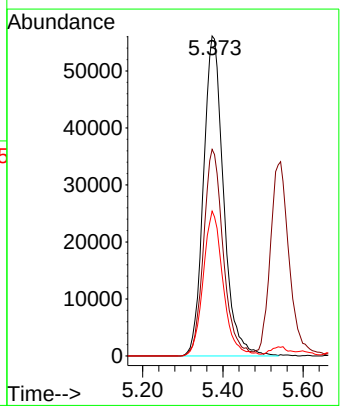
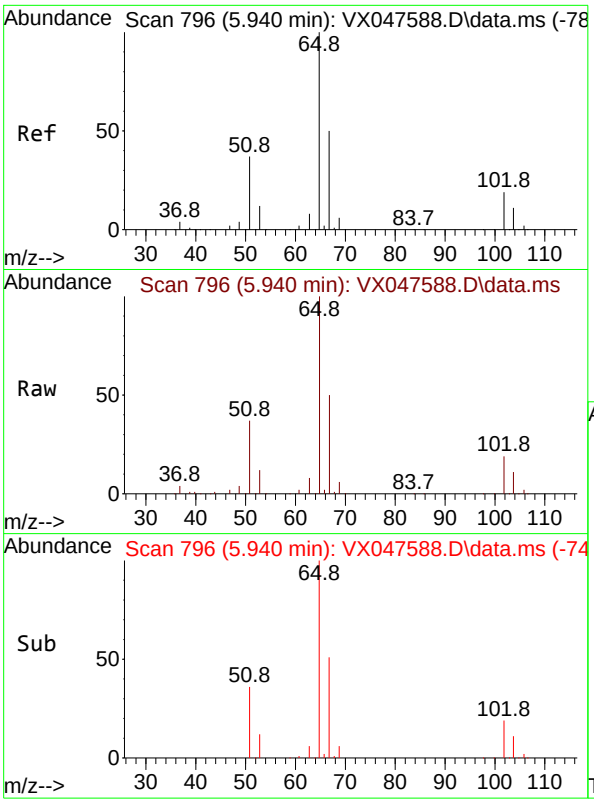


#32
1,1,1-Trichloroethane
Concen: 52.058 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 97 Resp: 195407

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.6	76.0
61	44.8	35.8	53.8

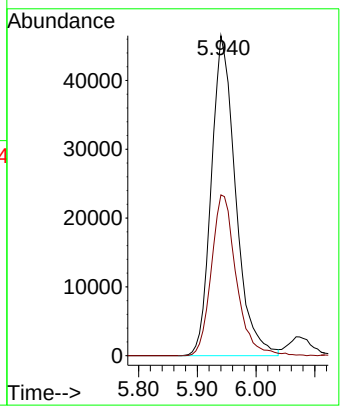




#33
1,2-Dichloroethane-d4
Concen: 48.404 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 65 Resp: 13360

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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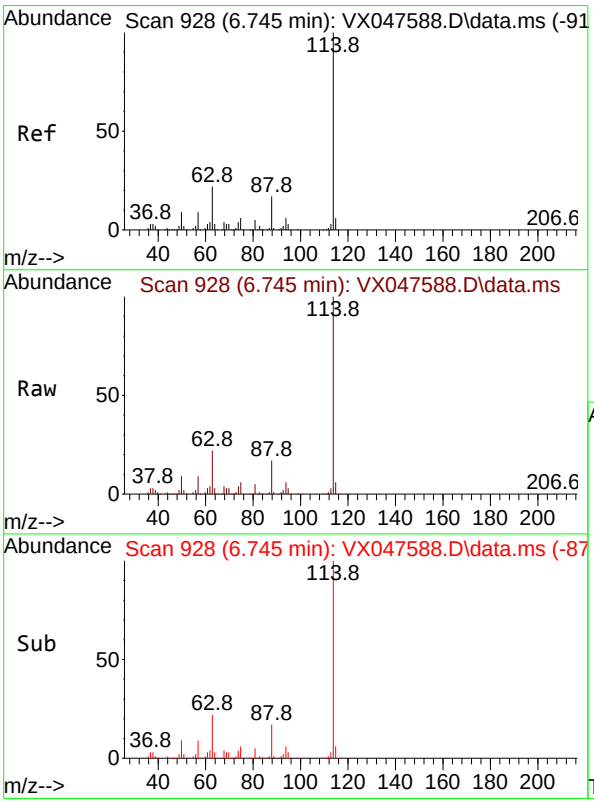
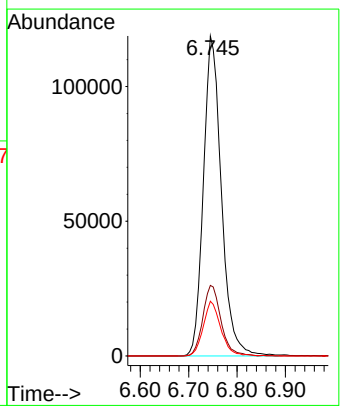
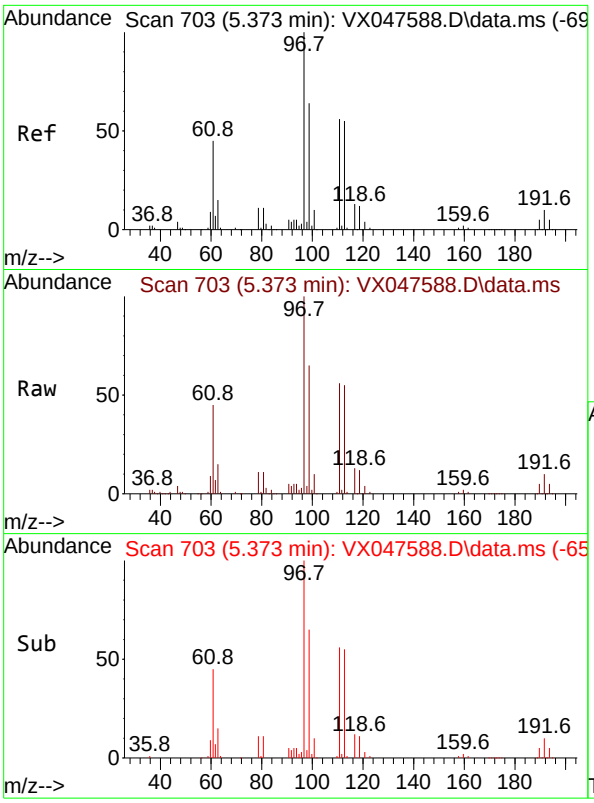


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:114 Resp: 307383

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	17.1	0.0	34.2

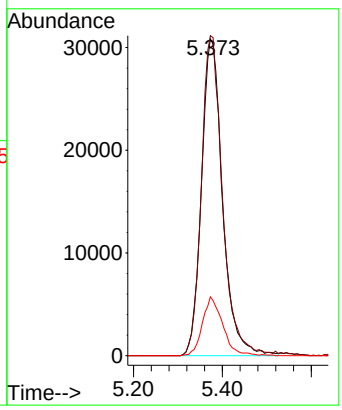




#35
Dibromofluoromethane
Concen: 49.298 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:113 Resp: 10162

Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.9	121.3
192	17.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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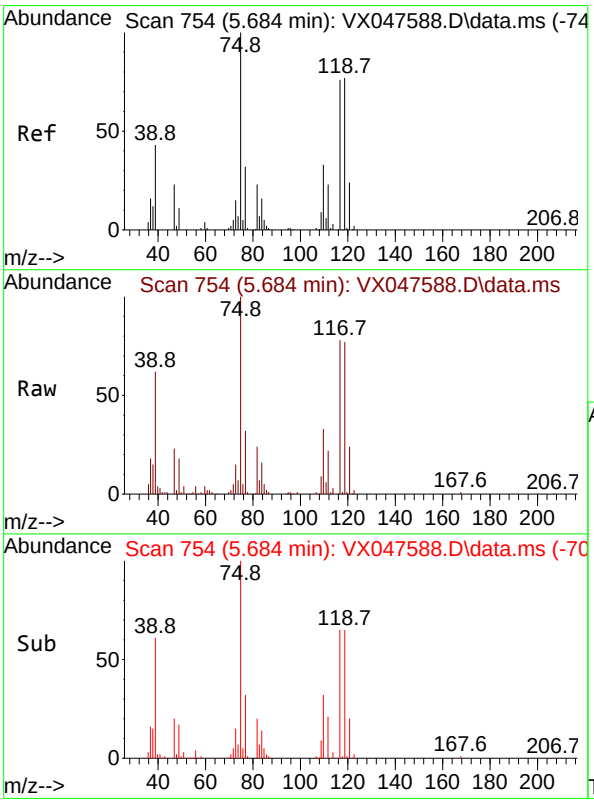
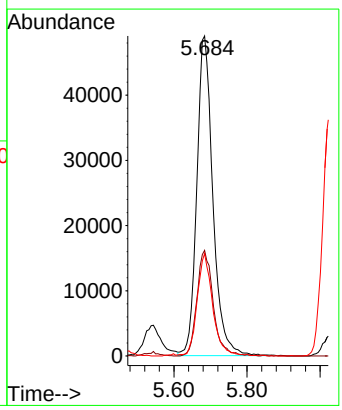
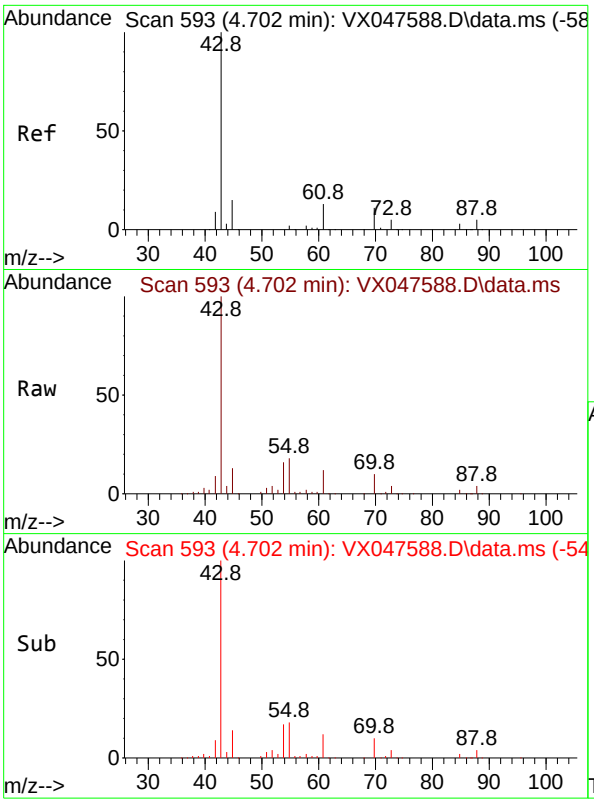


#36
1,1-Dichloropropene
Concen: 49.729 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 149800

Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.7	50.1
77	30.4	24.3	36.5

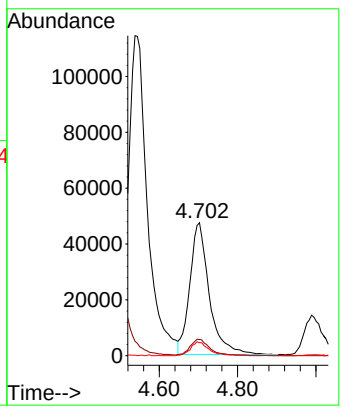




#37
Ethyl Acetate
Concen: 50.687 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 16348

Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	9.9	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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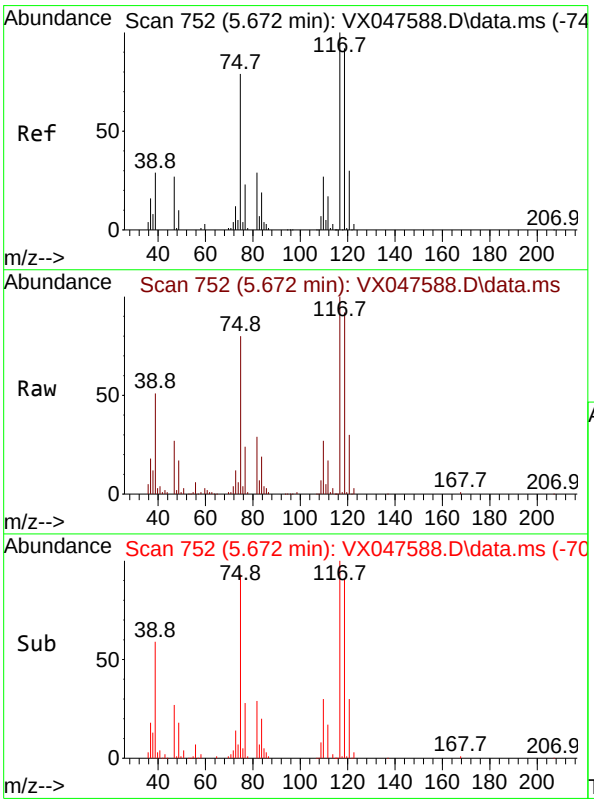
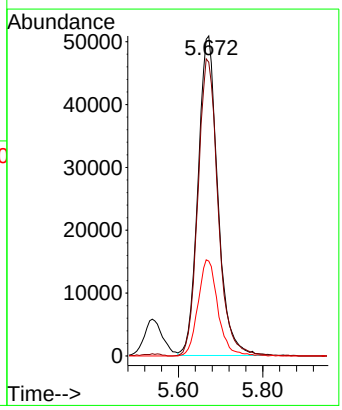
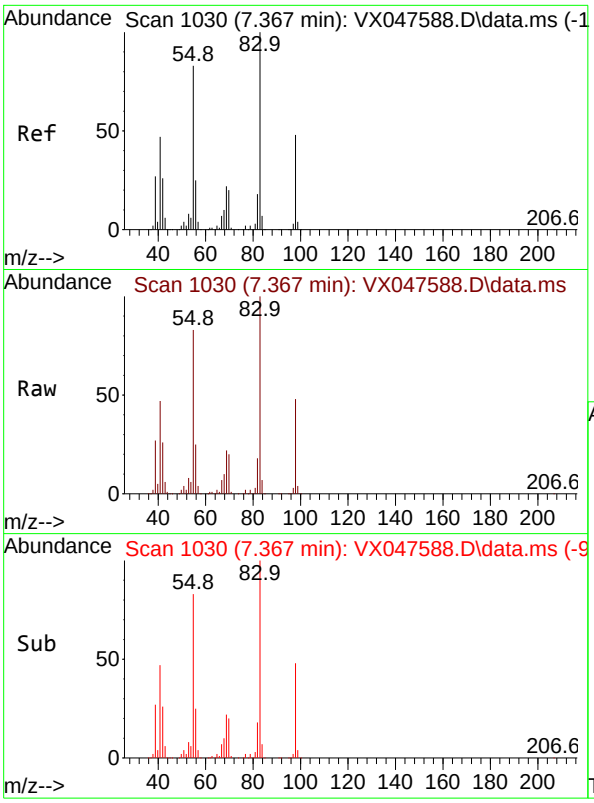


#38
Carbon Tetrachloride
Concen: 50.637 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 165730

Ion	Ratio	Lower	Upper
117	100		
119	91.8	73.4	110.2
121	29.7	23.8	35.6

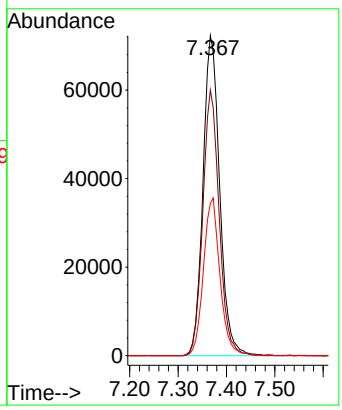




#39
Methylcyclohexane
Concen: 50.773 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 17361

Ion	Ratio	Lower	Upper
83	100		
55	83.0	66.4	99.6
98	47.6	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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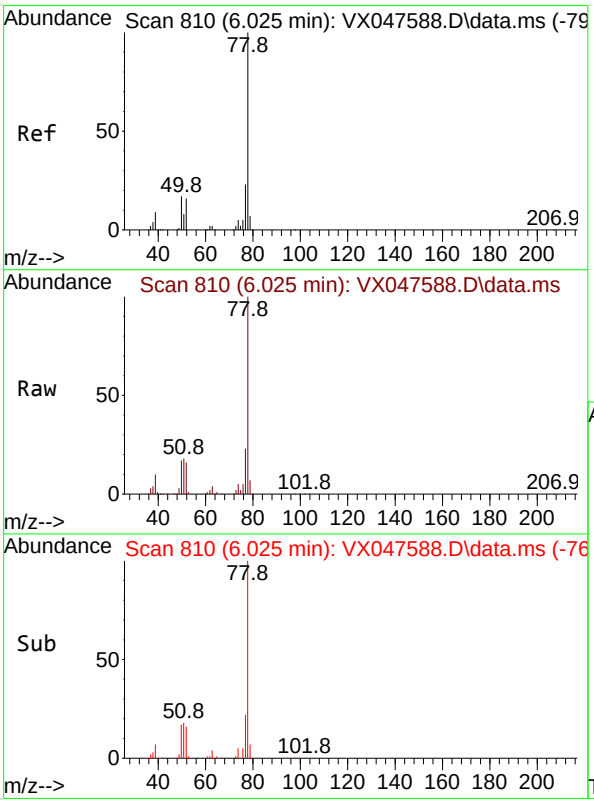
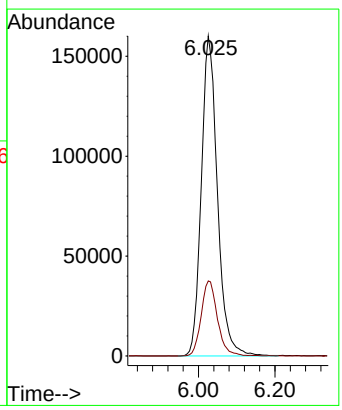
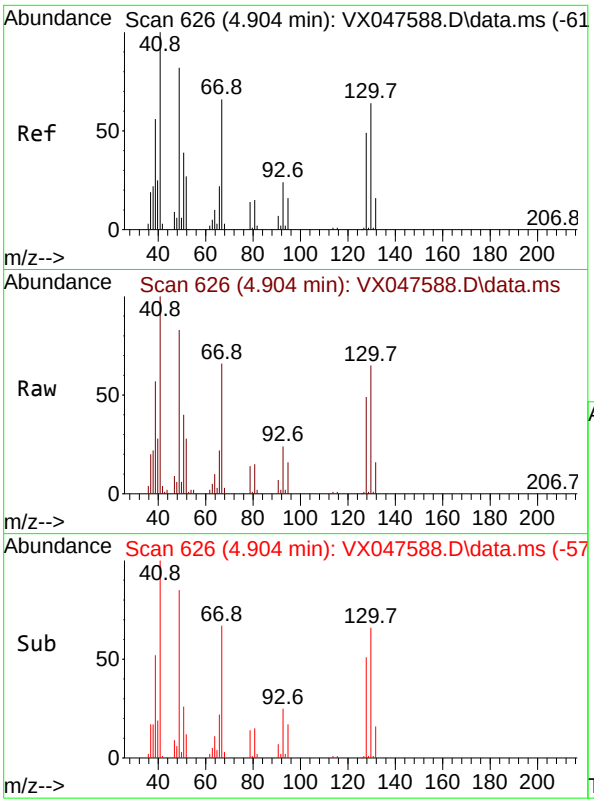


#40
Benzene
Concen: 51.167 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 78 Resp: 468136

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

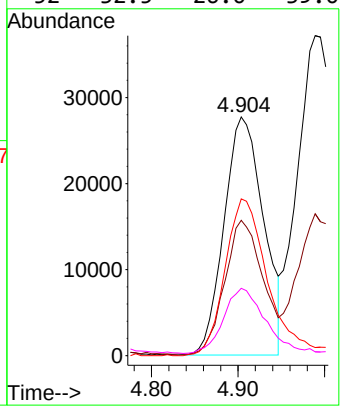




#41
Methacrylonitrile
Concen: 52.707 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 8776

Ion	Ratio	Lower	Upper
41	100		
39	54.1	43.3	64.9
67	73.2	58.6	87.8
52	32.5	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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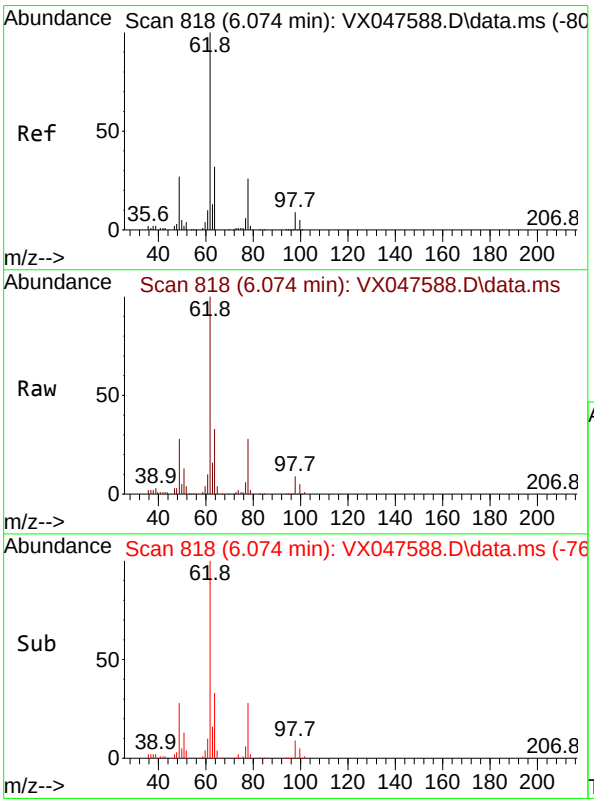
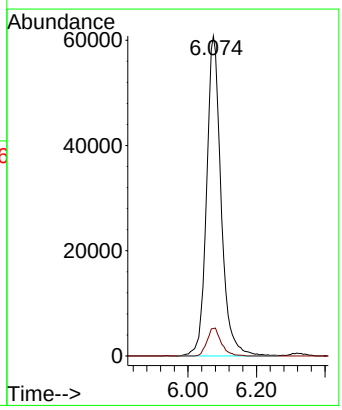
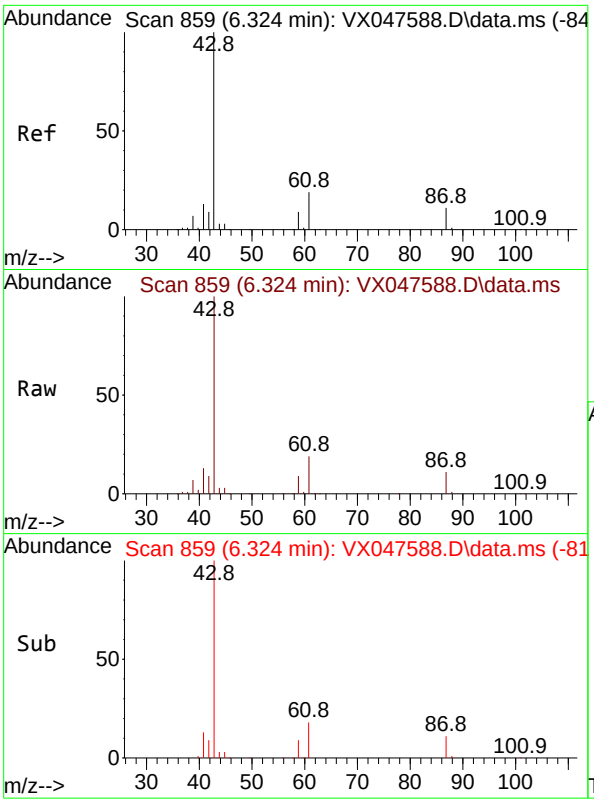


#42
1,2-Dichloroethane
Concen: 51.431 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 179037

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43
Isopropyl Acetate
Concen: 52.096 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 27557

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.0	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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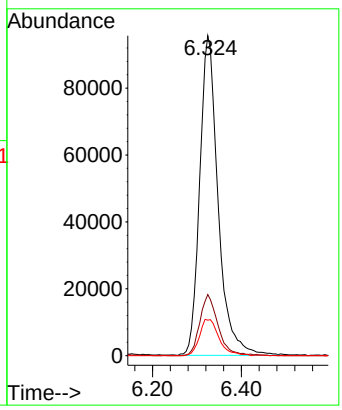
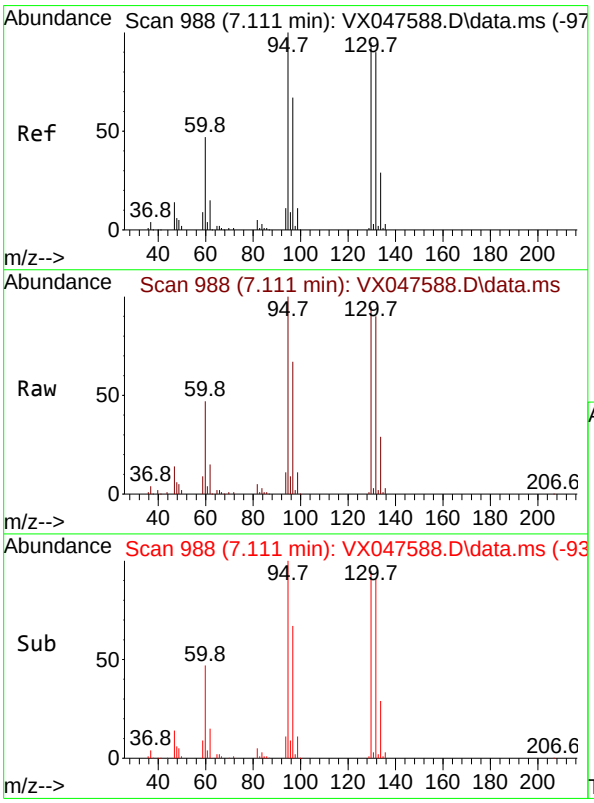
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

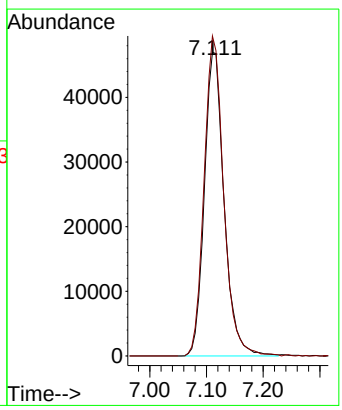


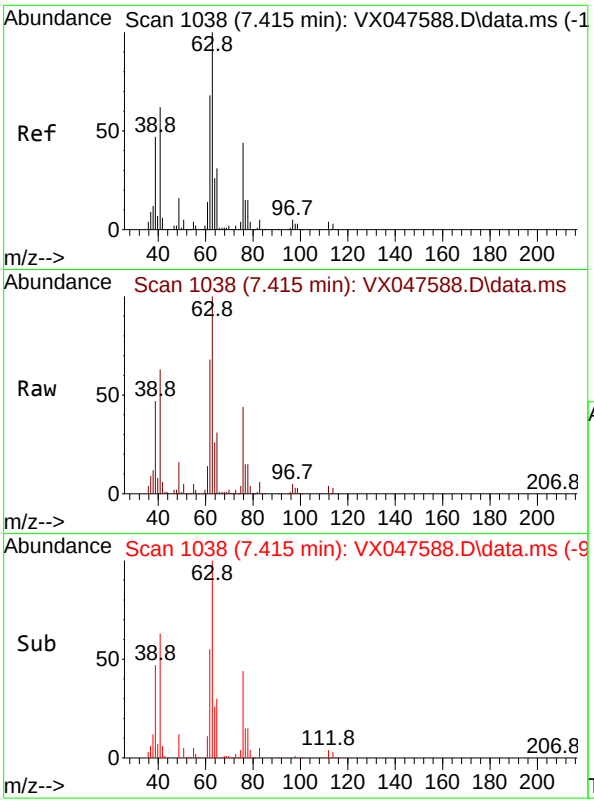


#44
Trichloroethene
Concen: 51.463 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:130 Resp: 113832

Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	210.8

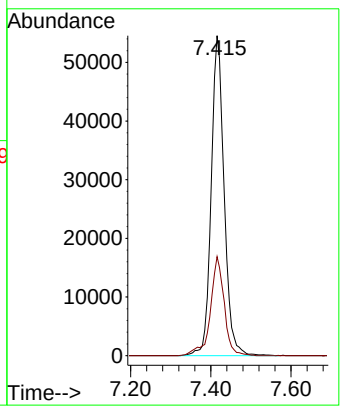




#45
1,2-Dichloropropane
Concen: 52.122 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 12210

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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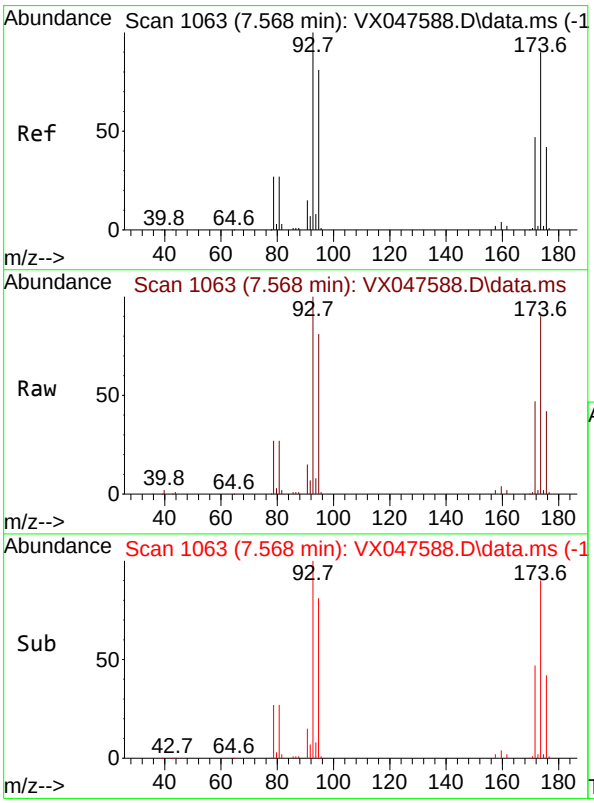
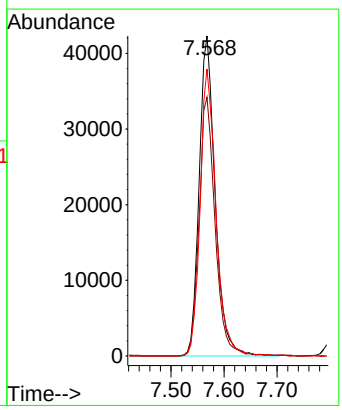
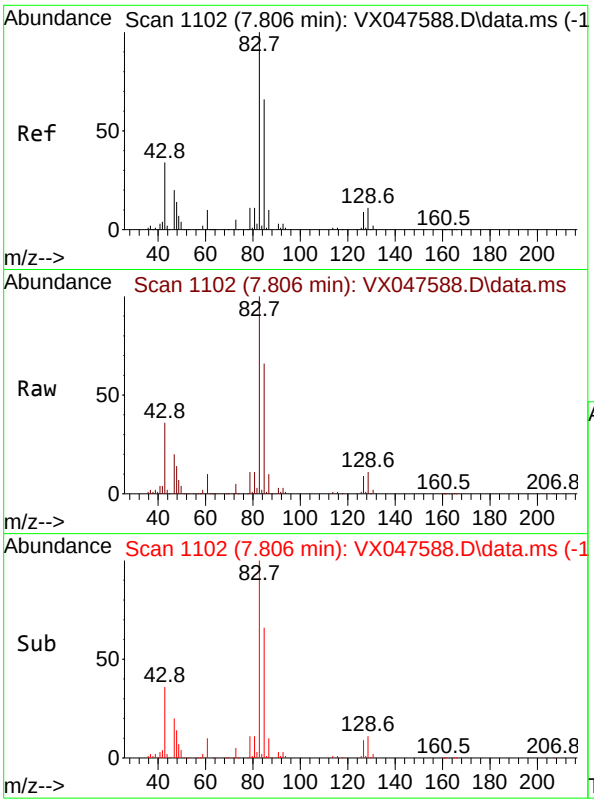


#46
Dibromomethane
Concen: 51.914 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 93 Resp: 88505

Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.0	97.6
174	89.5	71.6	107.4

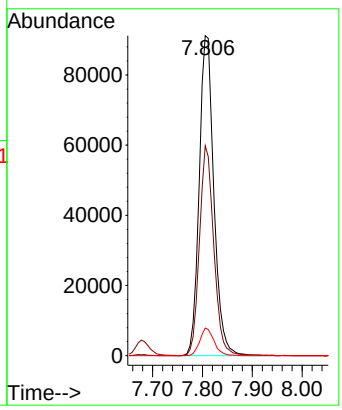




#47
Bromodichloromethane
Concen: 53.025 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 18654

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7
127	8.6	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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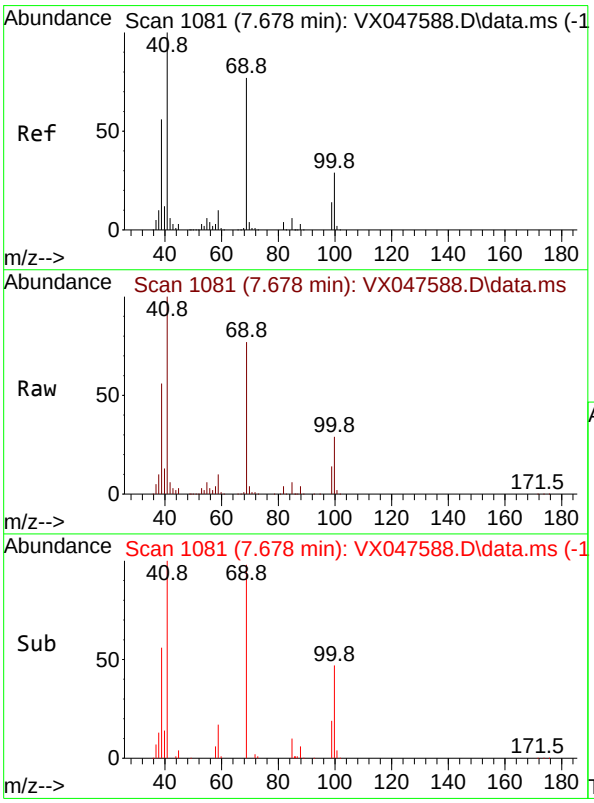
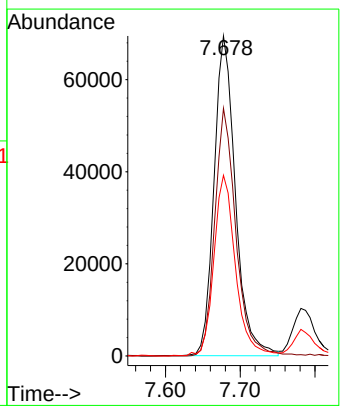
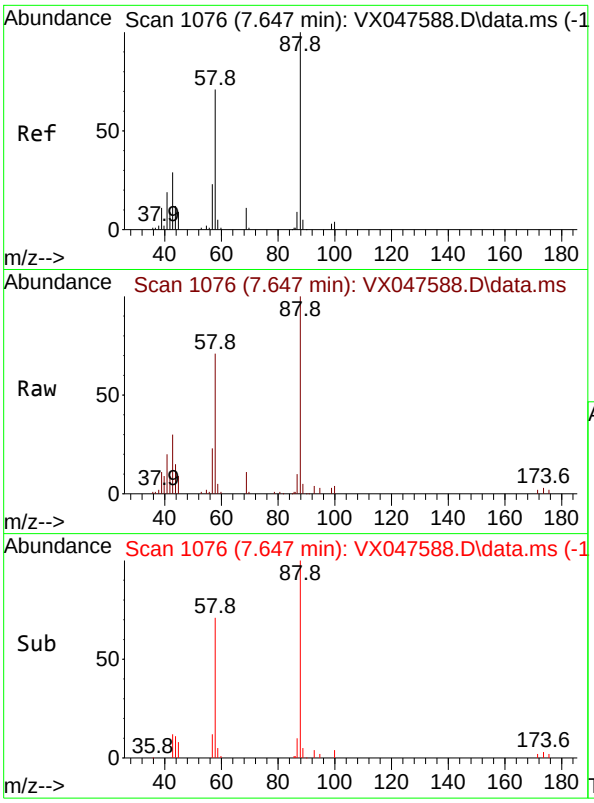


#48
Methyl methacrylate
Concen: 52.438 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 41 Resp: 138167

Ion	Ratio	Lower	Upper
41	100		
69	76.8	61.4	92.2
39	57.2	45.8	68.6

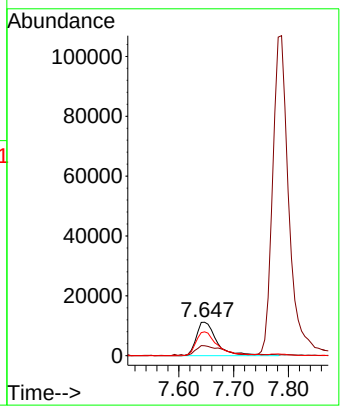




#49
1,4-Dioxane
Concen: 1107.698 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 88 Resp: 2949

Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.2	45.2
58	74.4	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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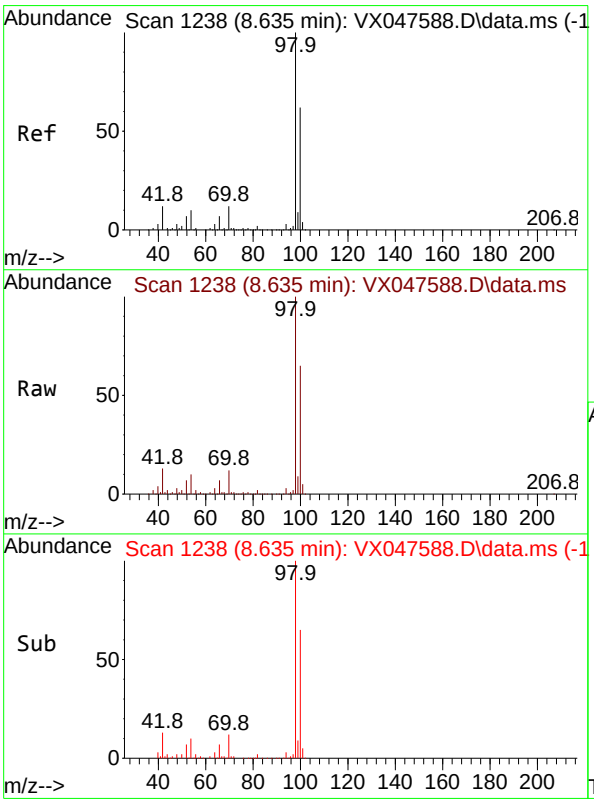
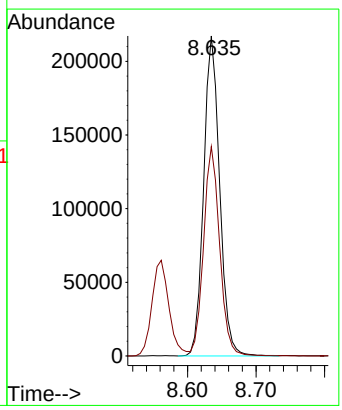
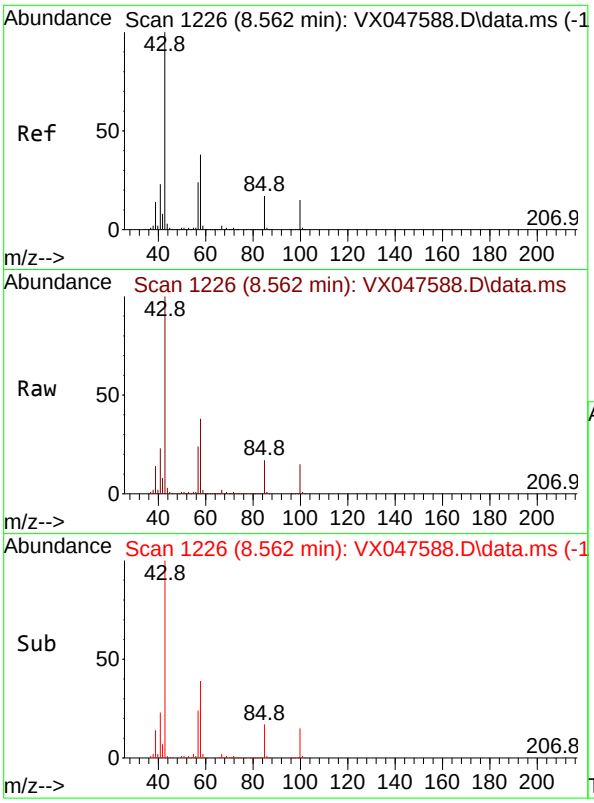


#50
Toluene-d8
Concen: 49.428 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 98 Resp: 352578

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

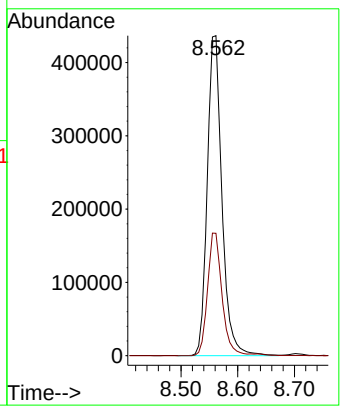




#51
4-Methyl-2-Pentanone
Concen: 267.650 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 78497

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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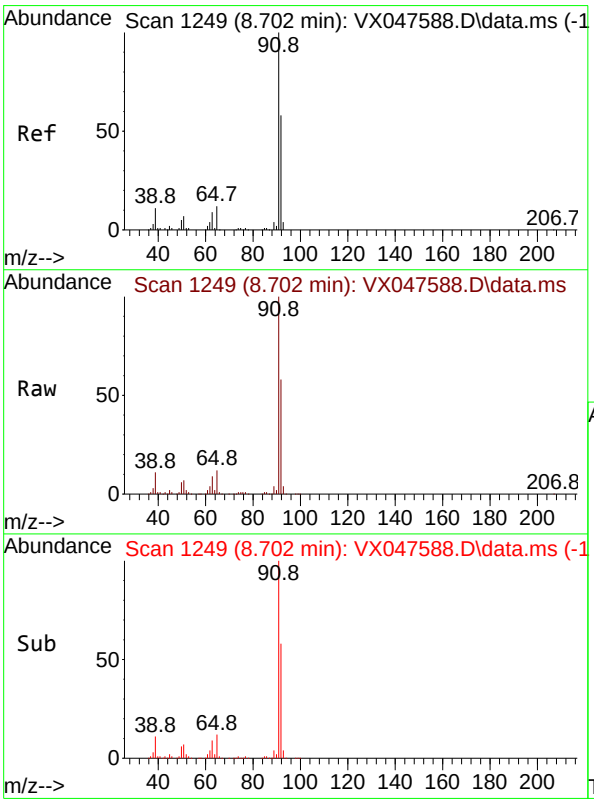
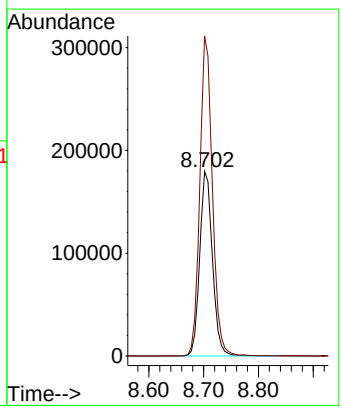
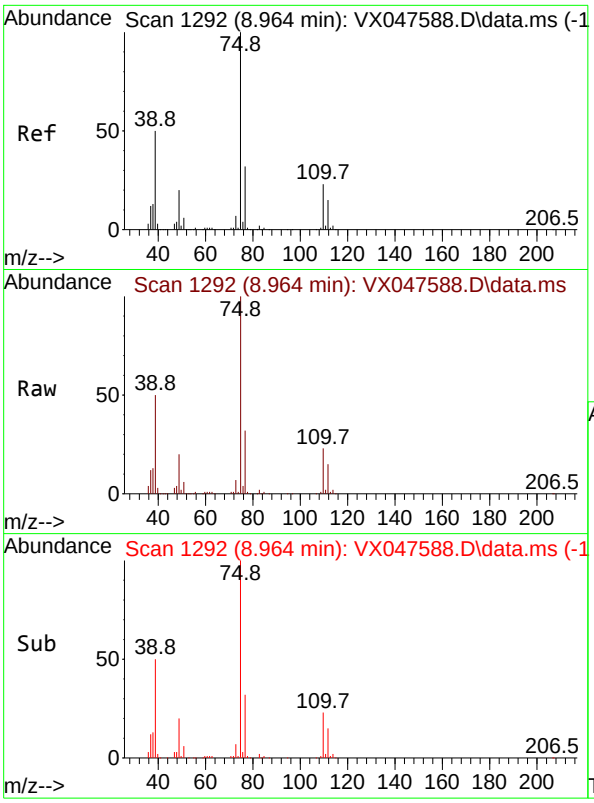


#52
Toluene
Concen: 51.244 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 92 Resp: 288853

Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.1	205.7

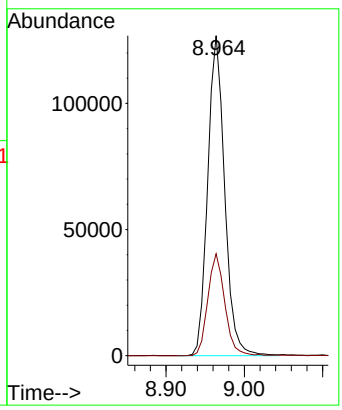




#53
t-1,3-Dichloropropene
Concen: 53.027 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 19028

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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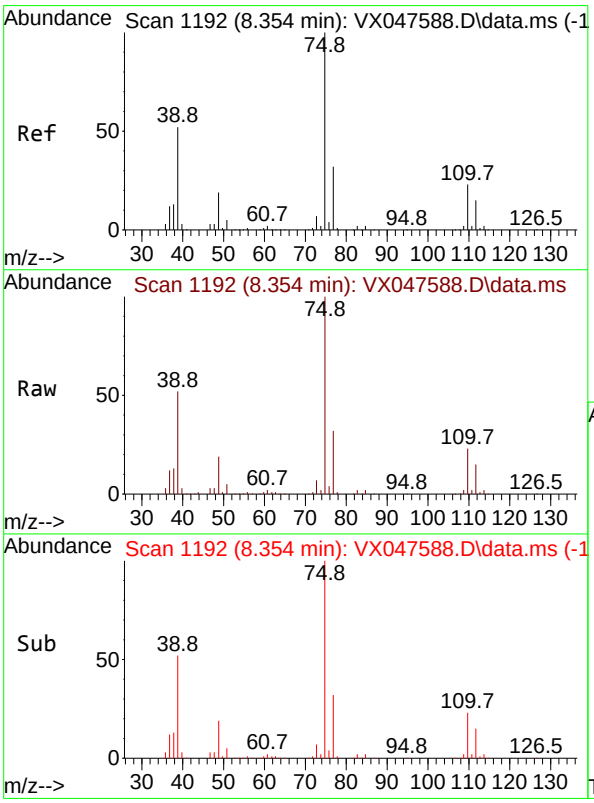
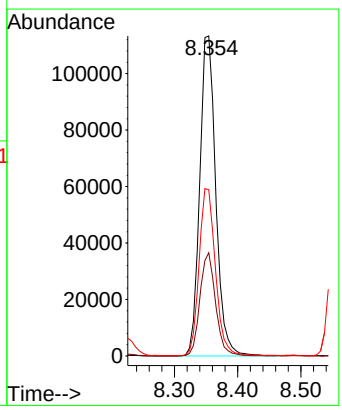
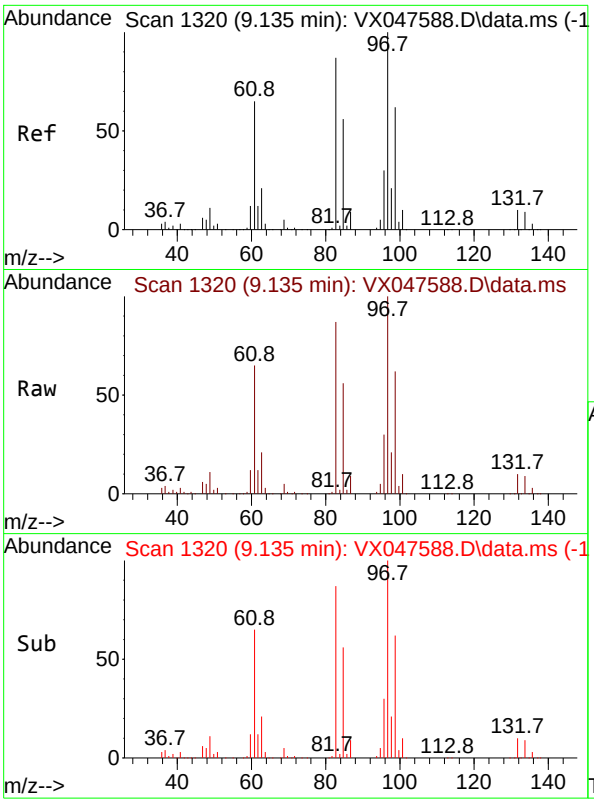


#54
cis-1,3-Dichloropropene
Concen: 52.369 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 200859

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	51.8	41.4	62.2

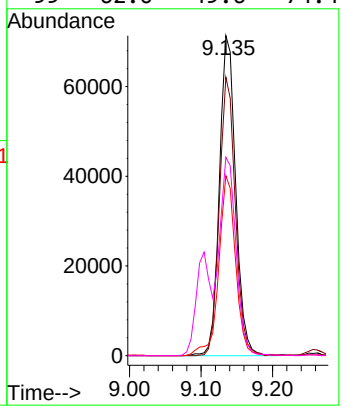




#55
1,1,2-Trichloroethane
Concen: 51.915 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 97 Resp: 11283

Ion	Ratio	Lower	Upper
97	100		
83	87.0	69.6	104.4
85	56.3	45.0	67.6
99	62.0	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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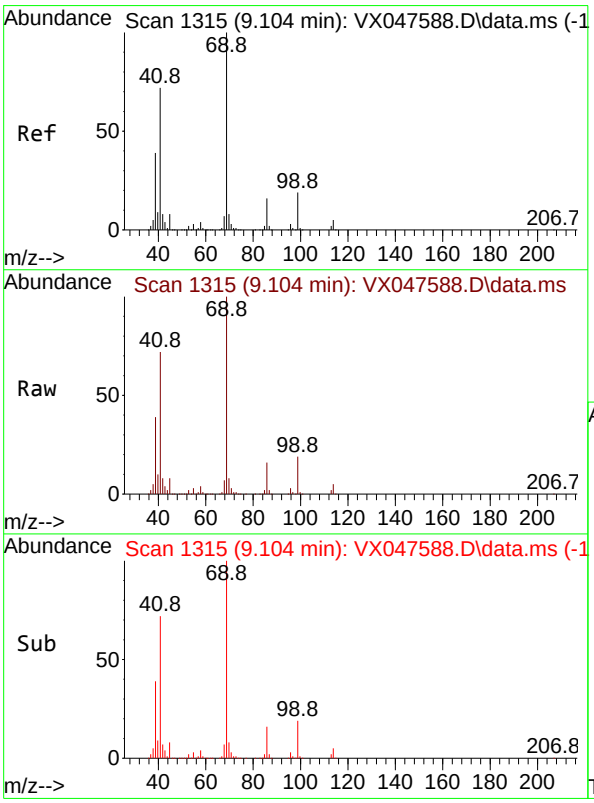
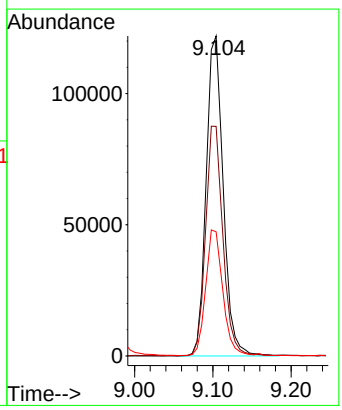
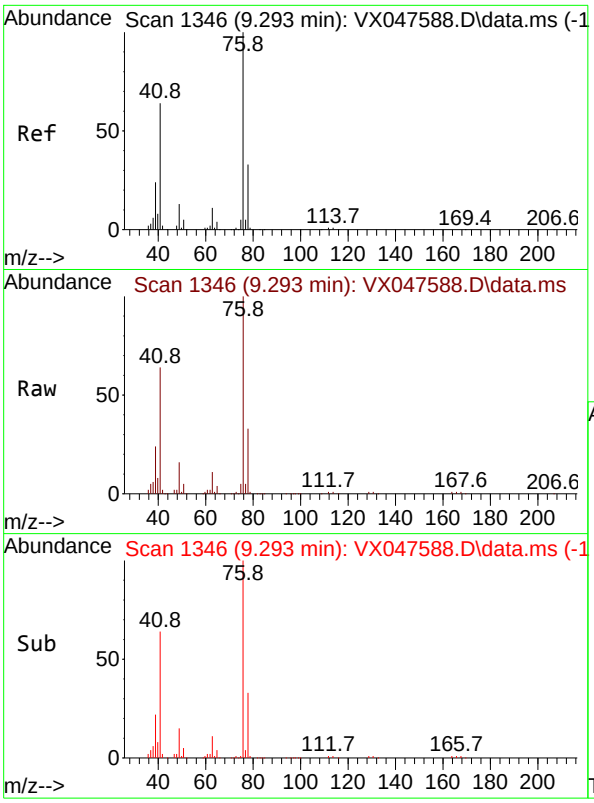


#56
Ethyl methacrylate
Concen: 53.930 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 69 Resp: 184087

Ion	Ratio	Lower	Upper
69	100		
41	73.2	58.6	87.8
39	39.4	31.5	47.3

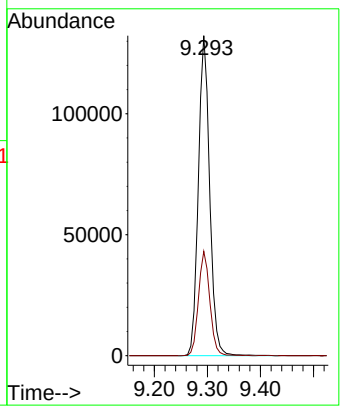




#57
1,3-Dichloropropane
Concen: 52.492 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 76 Resp: 19598

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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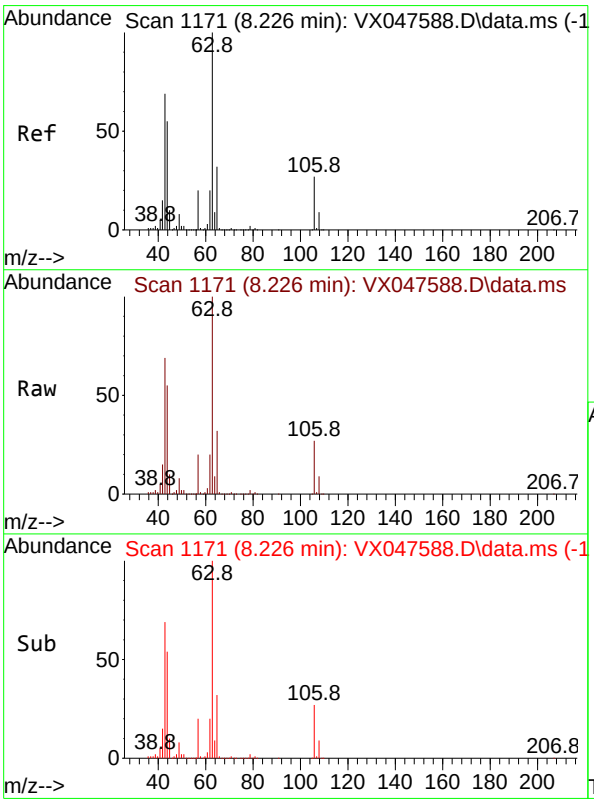
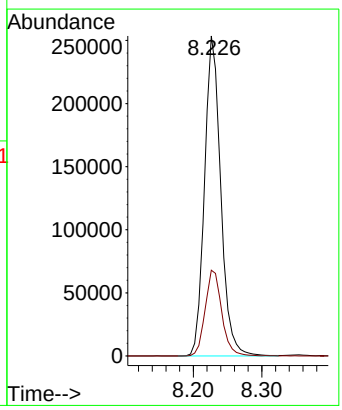
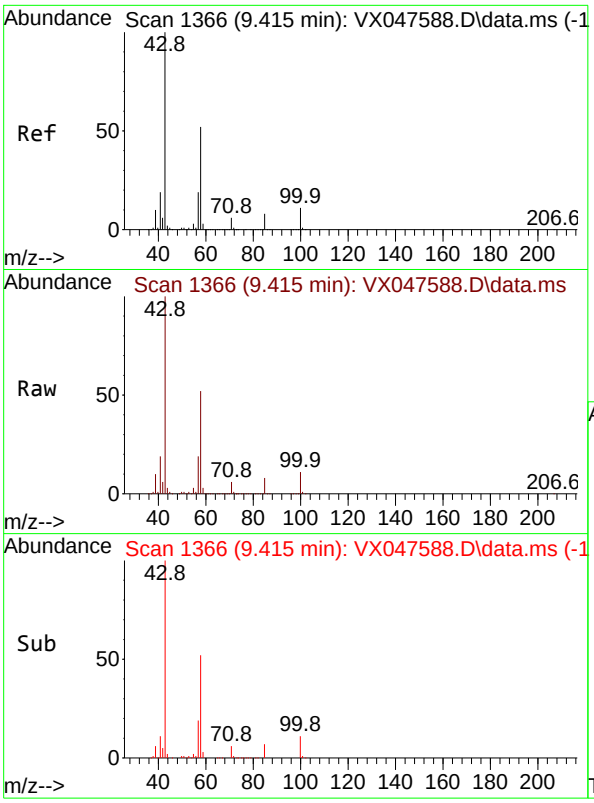


#58
2-Chloroethyl Vinyl ether
Concen: 256.309 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 418707

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.9	32.9

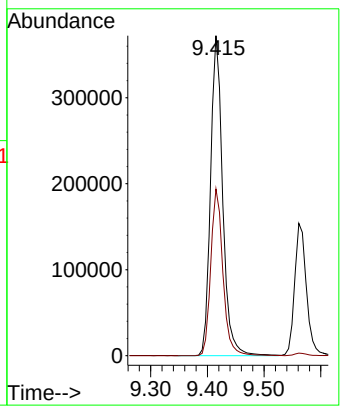




#59
2-Hexanone
Concen: 262.683 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 55331

Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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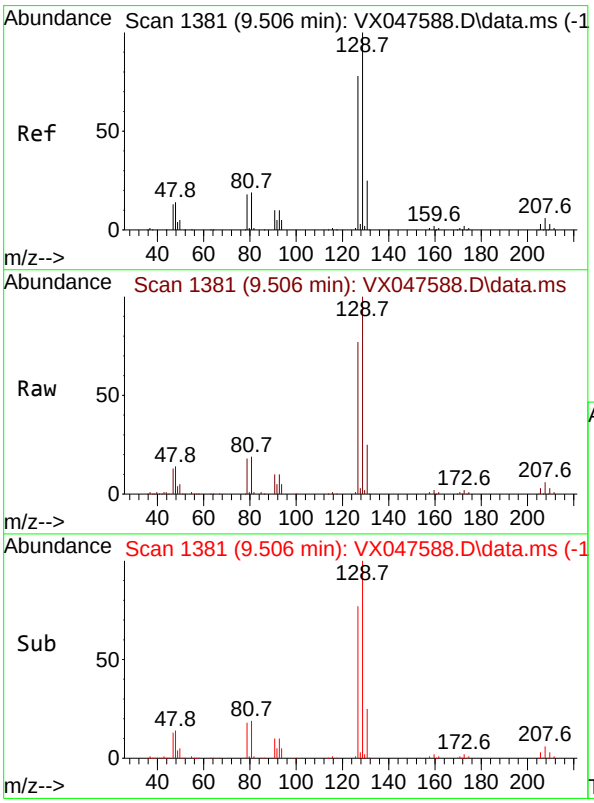
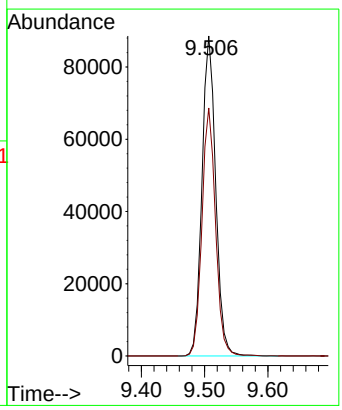
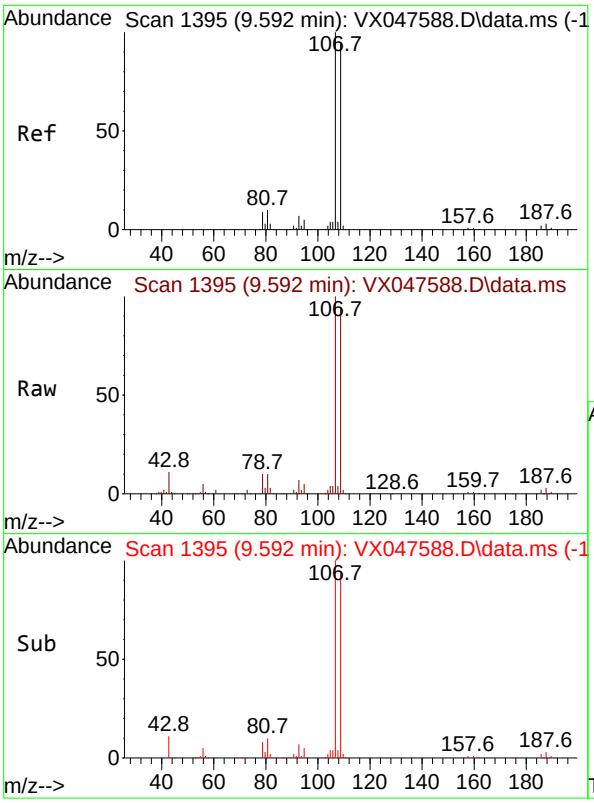


#60
Dibromochloromethane
Concen: 53.401 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:129 Resp: 133737

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2

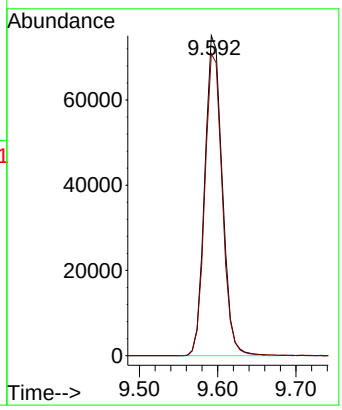




#61
1,2-Dibromoethane
Concen: 52.607 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:107 Resp: 11646

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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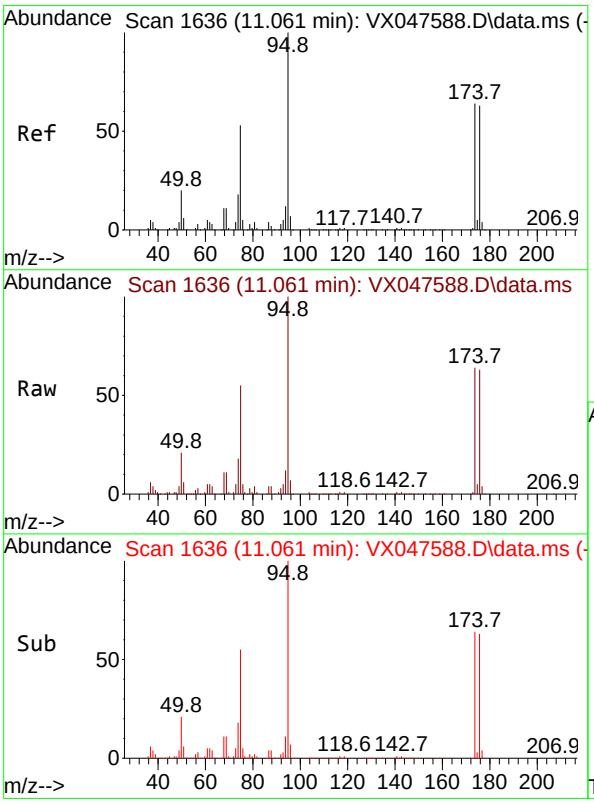
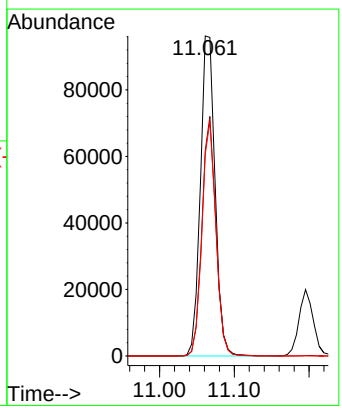
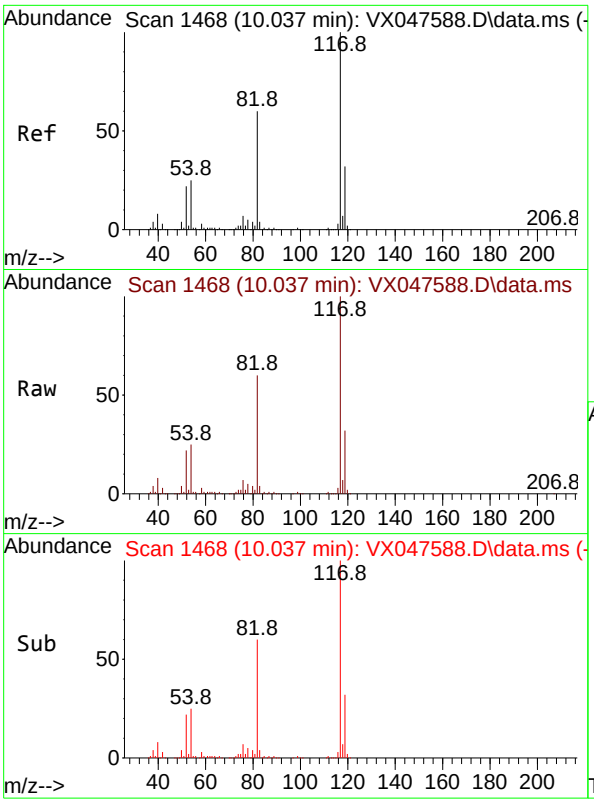


#62
4-Bromofluorobenzene
Concen: 48.471 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 95 Resp: 131217

Ion	Ratio	Lower	Upper
95	100		
174	70.8	0.0	141.6
176	69.2	0.0	138.4

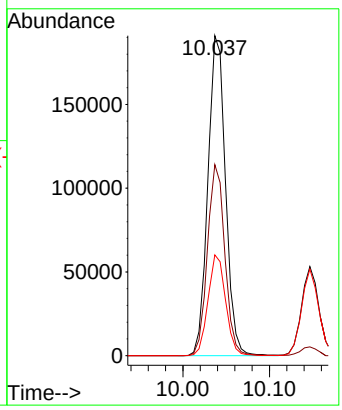




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 27004

Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.6
119	31.5	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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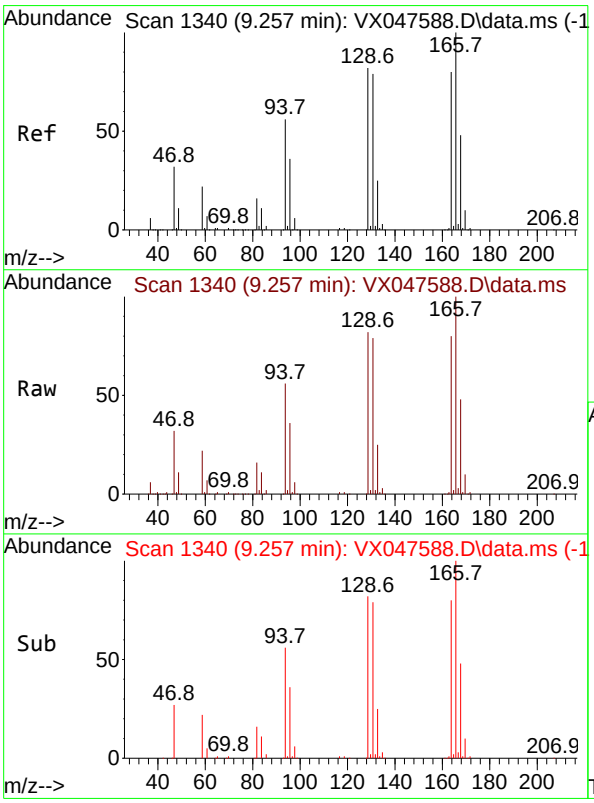
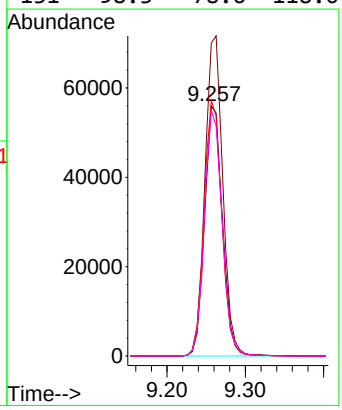
Supervised By :Mahesh Dadoda 09/18/2025

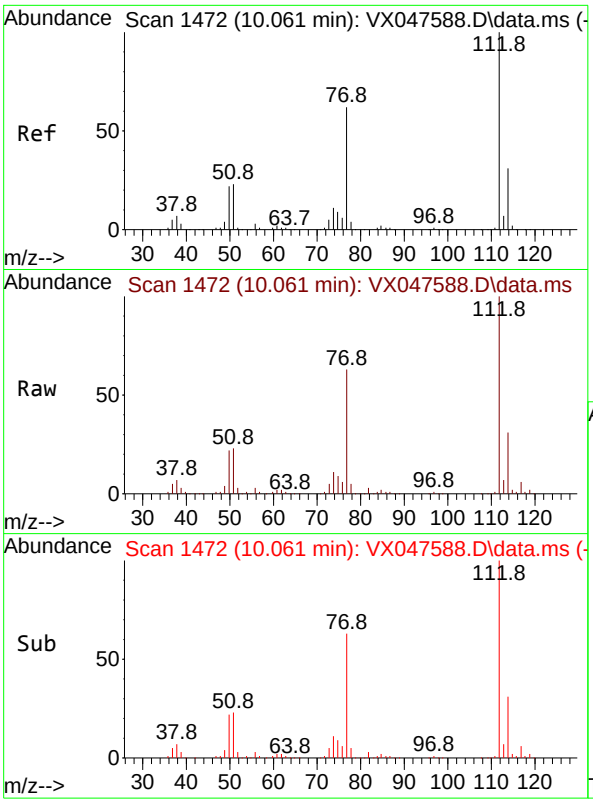


#64
Tetrachloroethene
Concen: 50.074 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:164 Resp: 88149

Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.2	150.2
129	102.2	81.8	122.6
131	98.3	78.6	118.0





#65
Chlorobenzene
Concen: 51.833 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:112 Resp: 31798

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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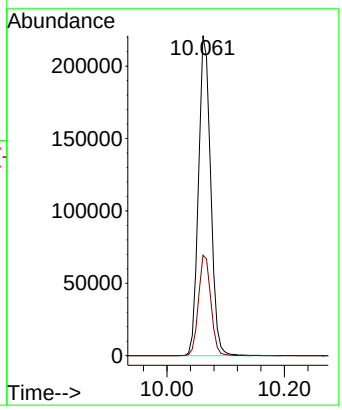
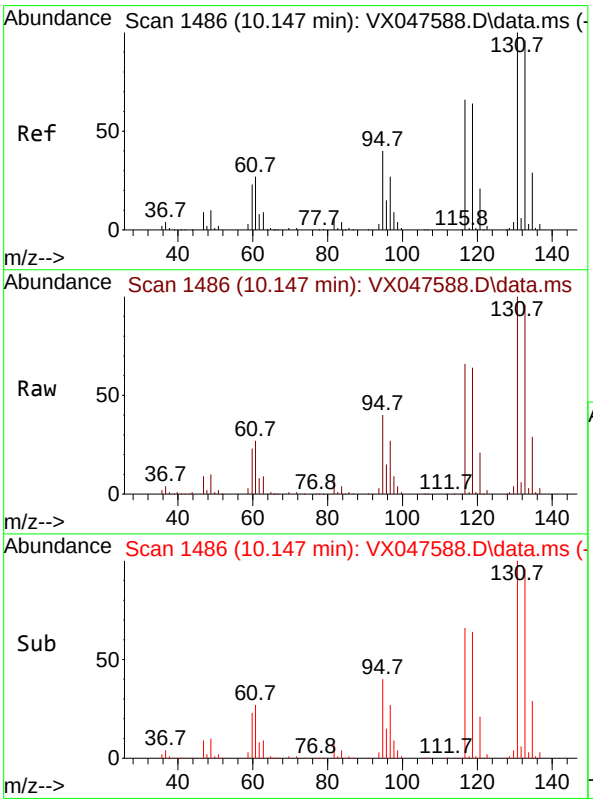
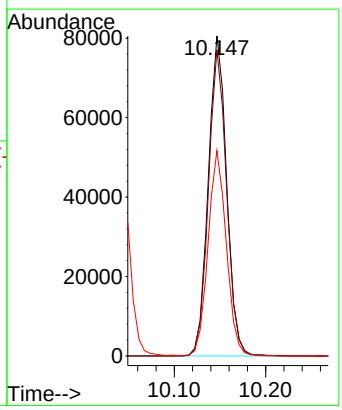


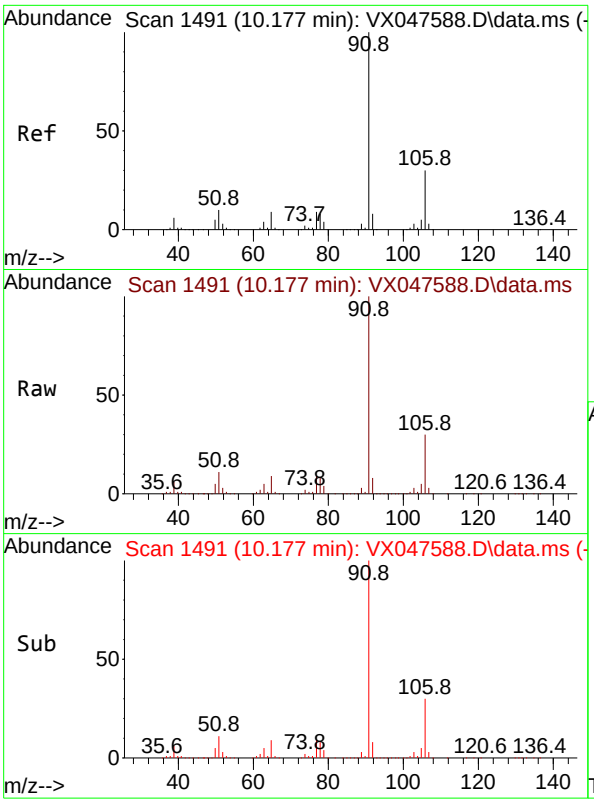


#66
1,1,1,2-Tetrachloroethane
Concen: 52.835 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:131 Resp: 111849

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.3	142.0
119	64.0	32.0	96.0

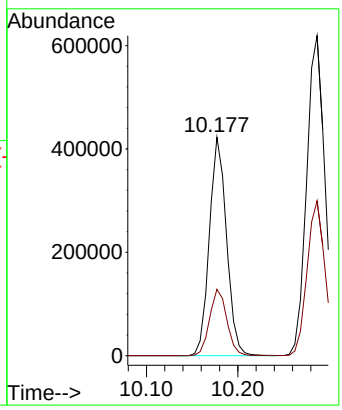




#67
Ethyl Benzene
Concen: 52.017 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 55061

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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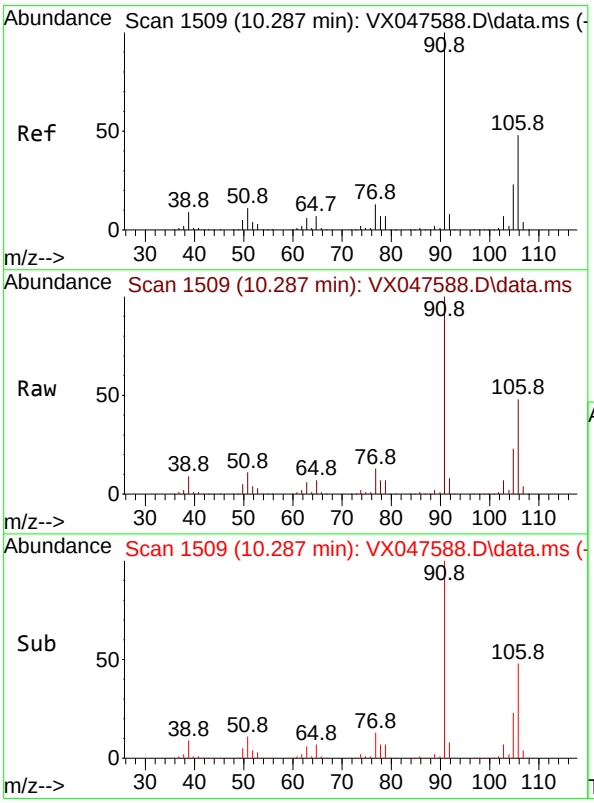
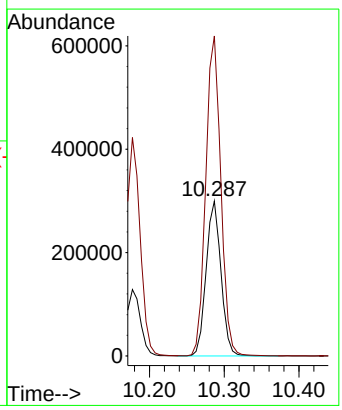
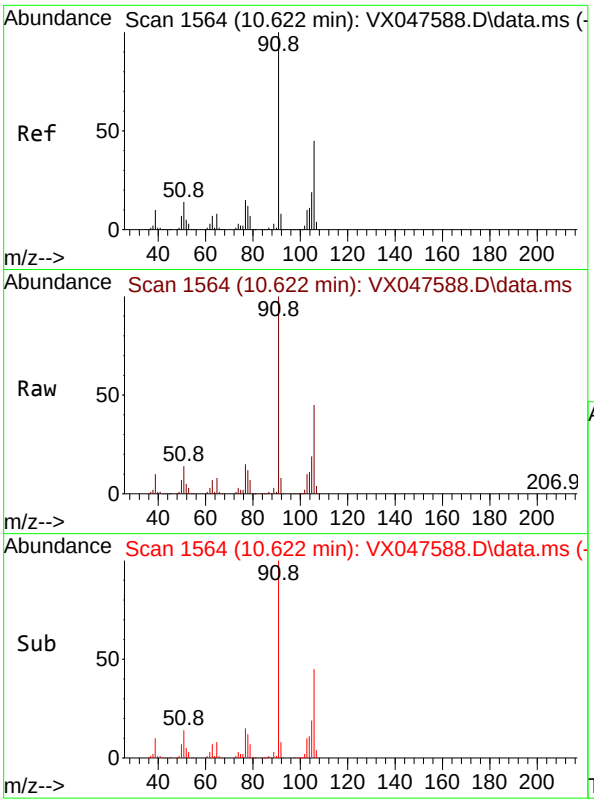


#68
m/p-Xylenes
Concen: 104.809 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:106 Resp: 412932

Ion	Ratio	Lower	Upper
106	100		
91	209.8	167.8	251.8





#69
o-Xylene
Concen: 53.084 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:106 Resp: 20229

Ion	Ratio	Lower	Upper
106	100		
91	222.3	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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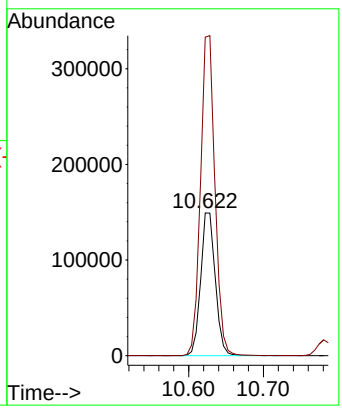
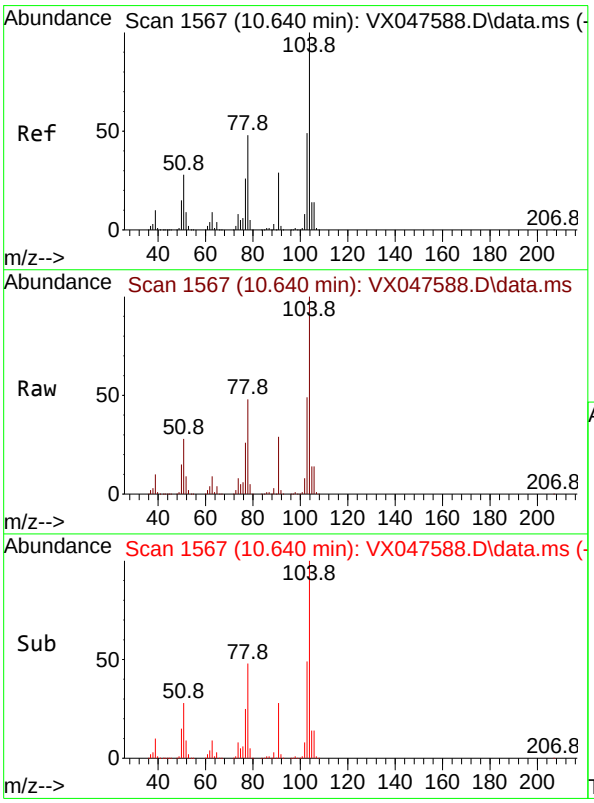
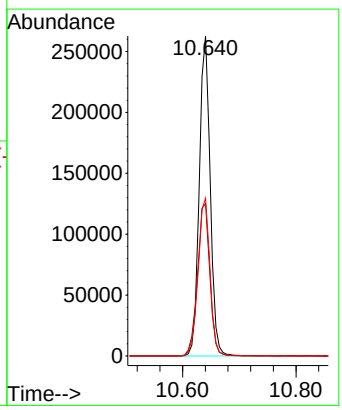


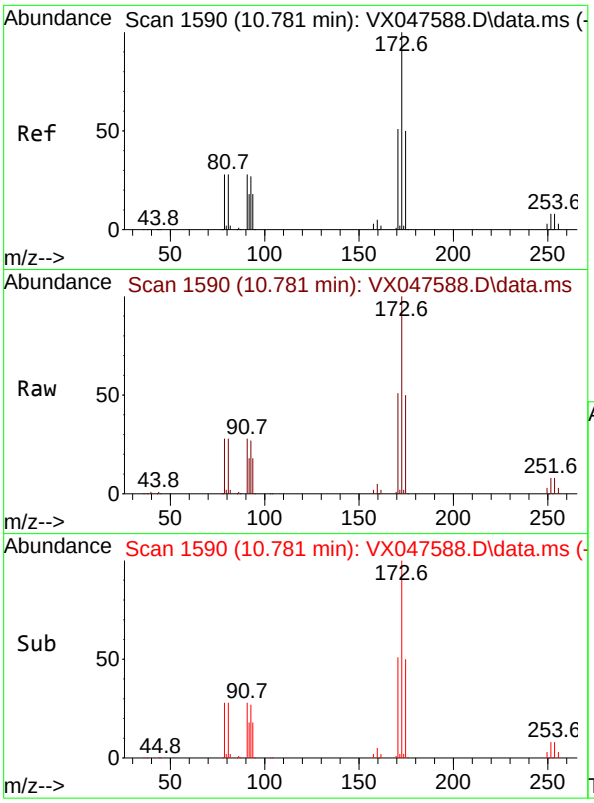


#70
Styrene
Concen: 52.515 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:104 Resp: 350654

Ion	Ratio	Lower	Upper
104	100		
78	53.9	43.1	64.7
103	53.9	43.1	64.7

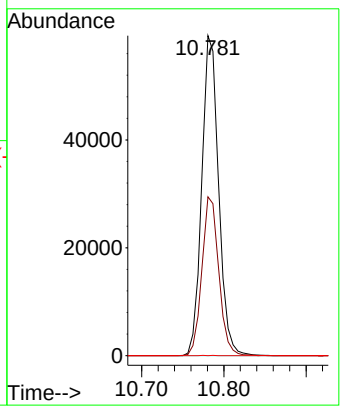




#71
Bromoform
Concen: 53.447 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:173 Resp: 8448

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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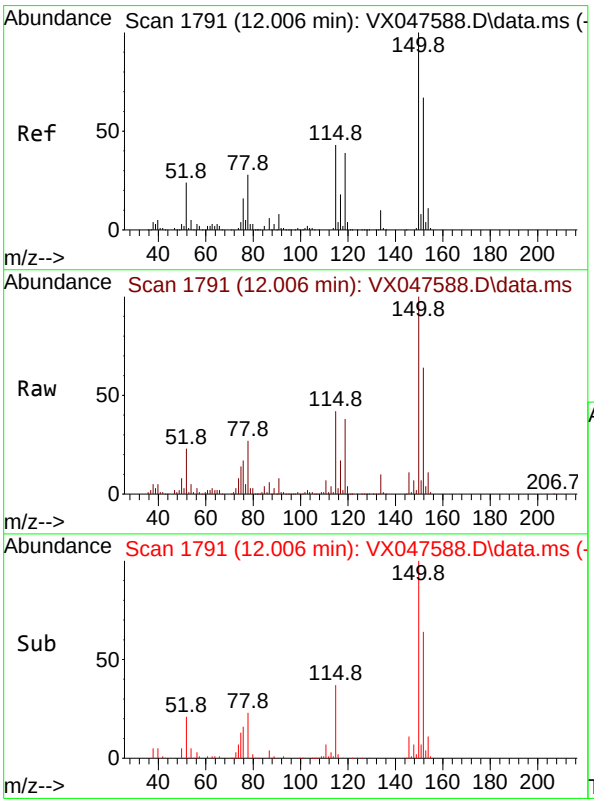
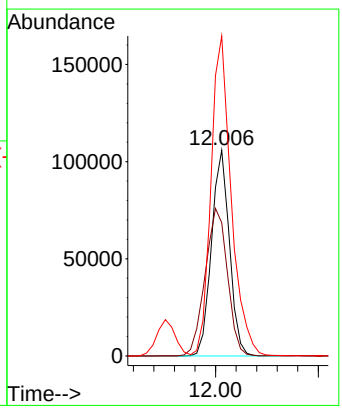
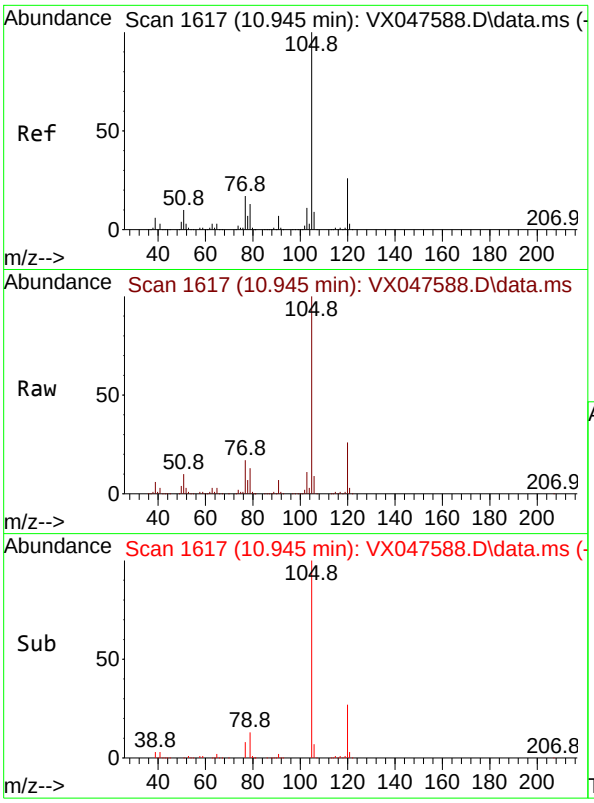


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:152 Resp: 127732

Ion	Ratio	Lower	Upper
152	100		
115	89.7	44.9	134.5
150	176.0	0.0	352.0

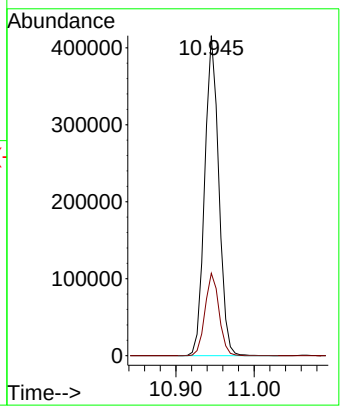




#73
Isopropylbenzene
Concen: 53.227 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 51689

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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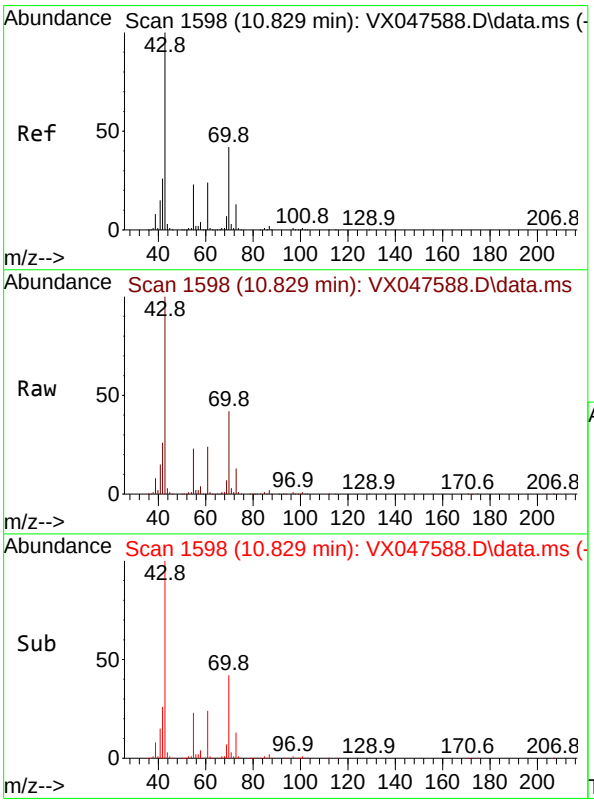
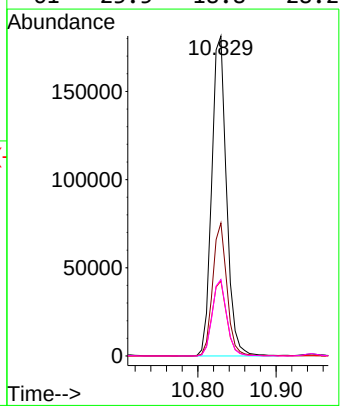
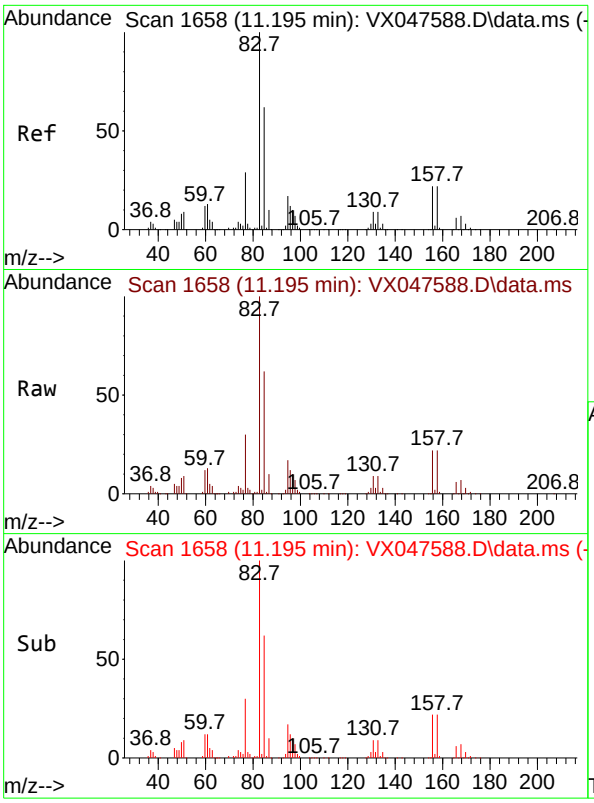


#74
N-amyl acetate
Concen: 53.710 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 237846

Ion	Ratio	Lower	Upper
43	100		
70	40.0	32.0	48.0
55	23.6	18.9	28.3
61	23.5	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.251 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 15645

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	63.3	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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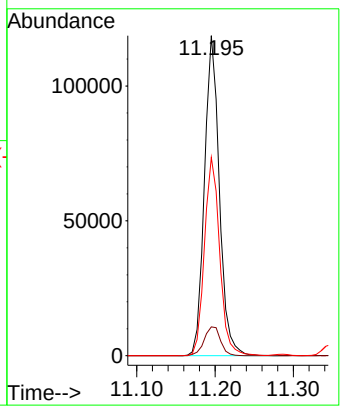
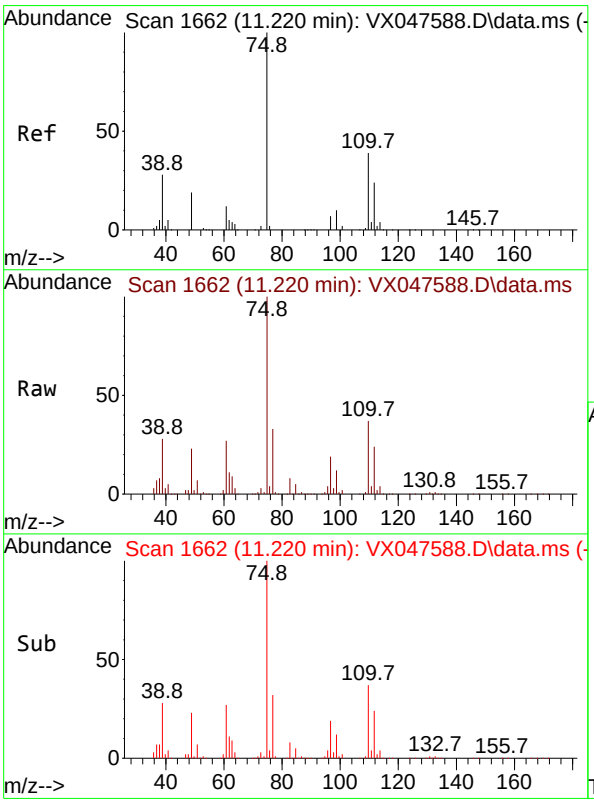
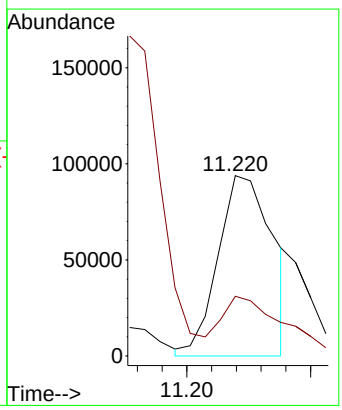


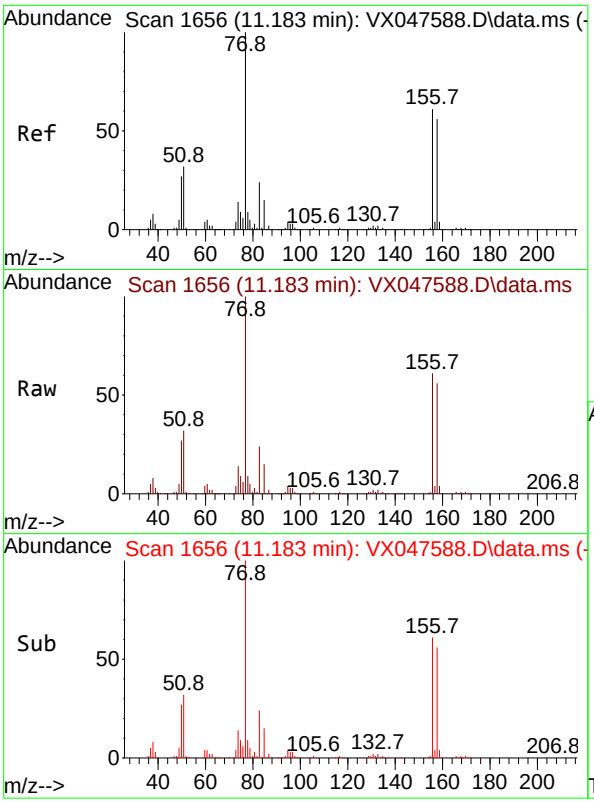


#76
1,2,3-Trichloropropane
Concen: 54.322 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 144074

Ion	Ratio	Lower	Upper
75	100		
77	37.6	18.8	56.4





#77
Bromobenzene
Concen: 52.754 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:156 Resp: 12617

Ion	Ratio	Lower	Upper
156	100		
77	179.4	89.7	269.1
158	95.7	47.9	143.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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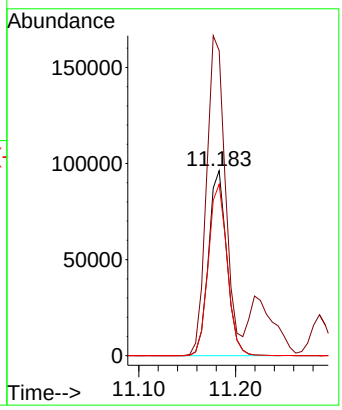
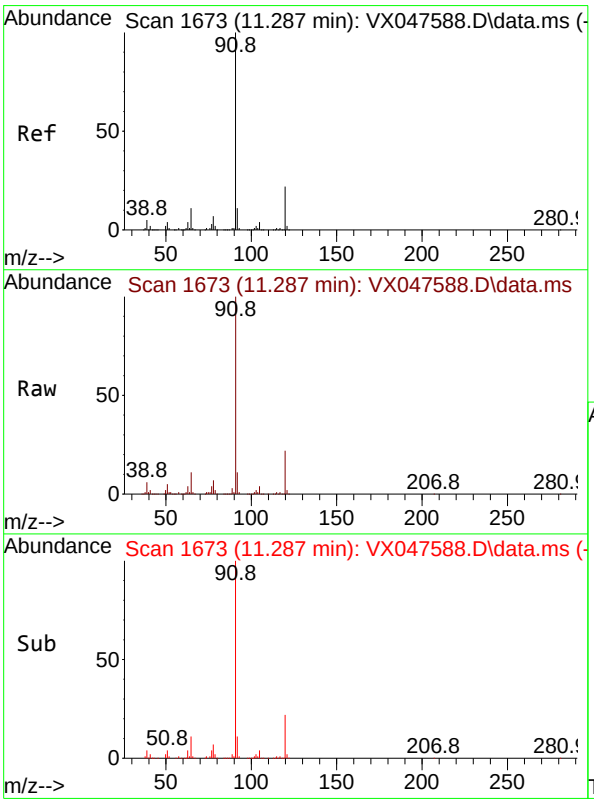
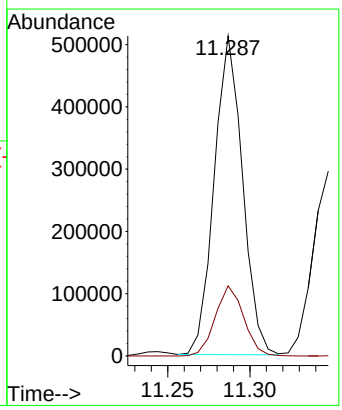


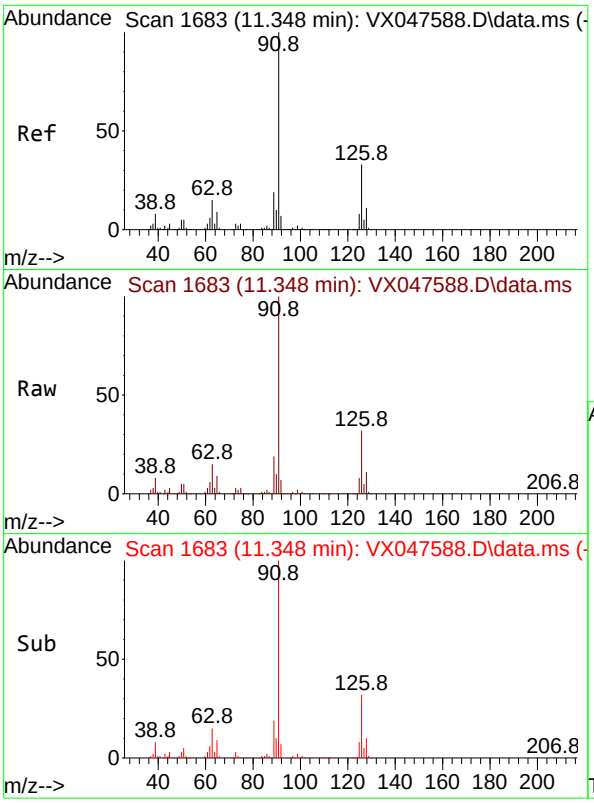


#78
n-propylbenzene
Concen: 53.315 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 612035

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79
2-Chlorotoluene
Concen: 52.965 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 37239

Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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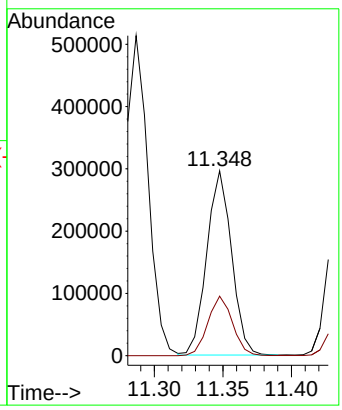
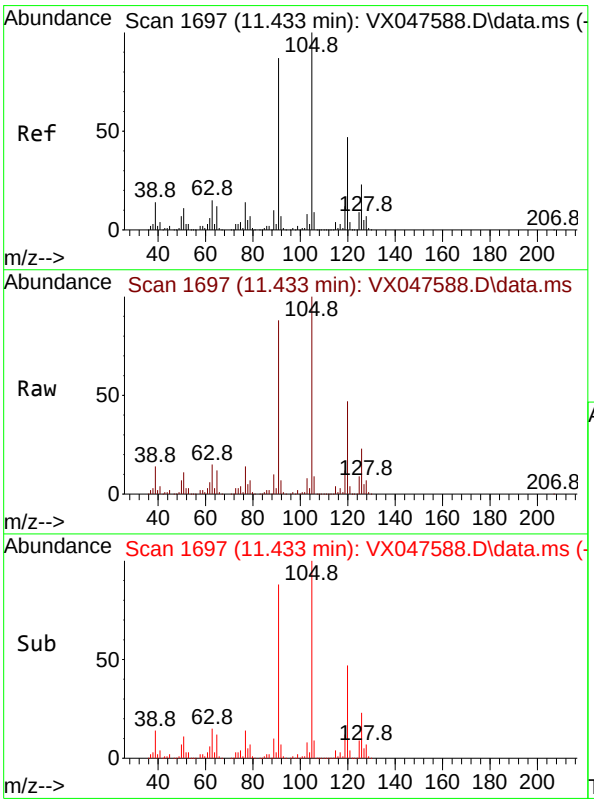
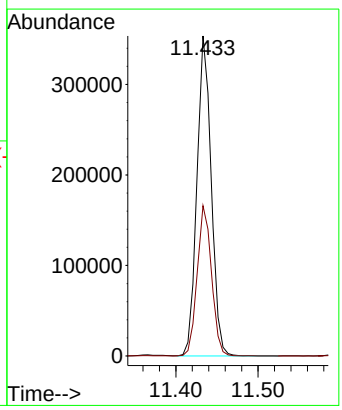


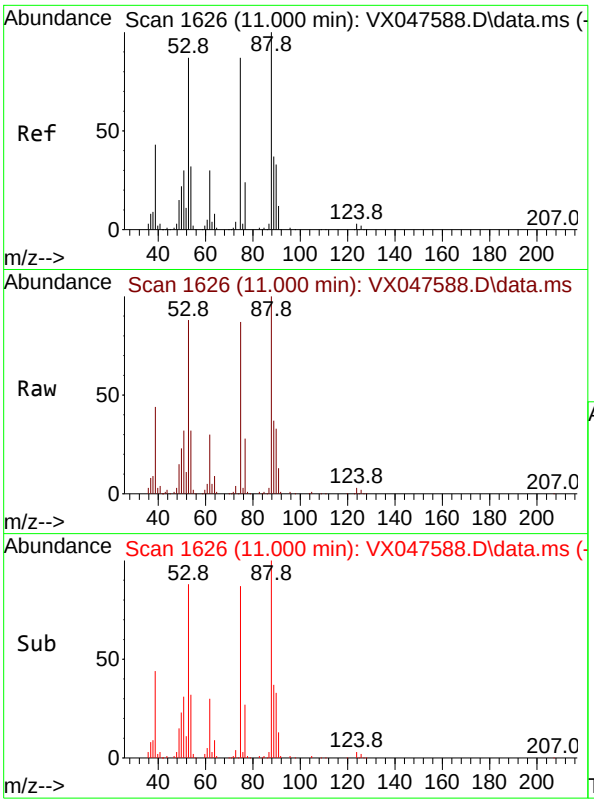


#80
1,3,5-Trimethylbenzene
Concen: 53.518 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 426989

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8

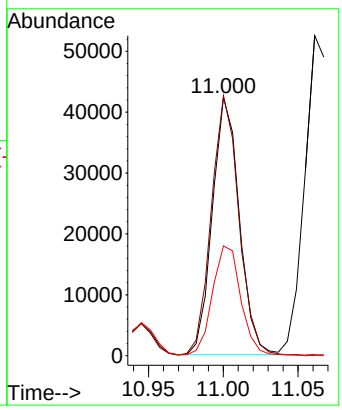




#81
trans-1,4-Dichloro-2-butene
Concen: 52.190 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 5292

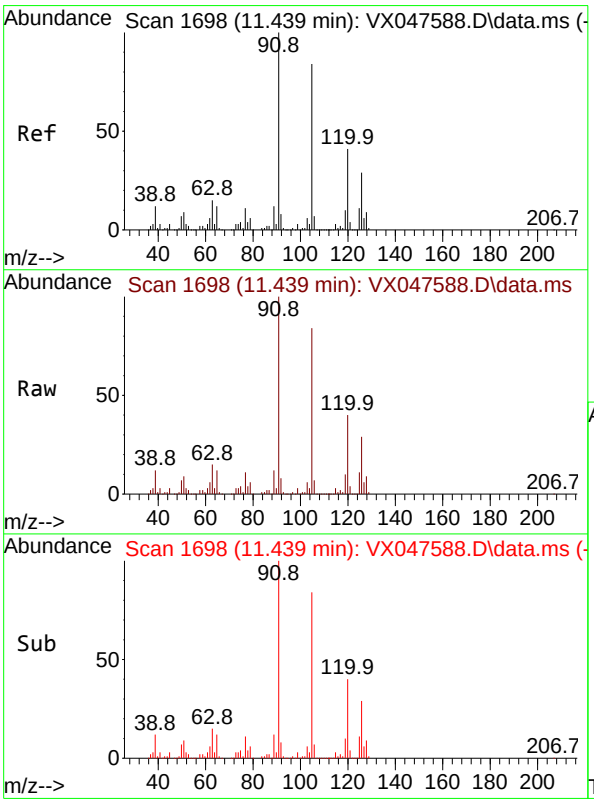
Ion	Ratio	Lower	Upper
75	100		
53	104.3	83.4	125.2
89	45.4	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

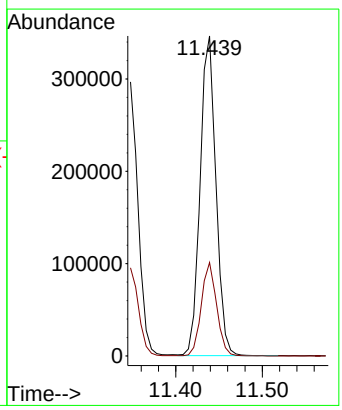
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

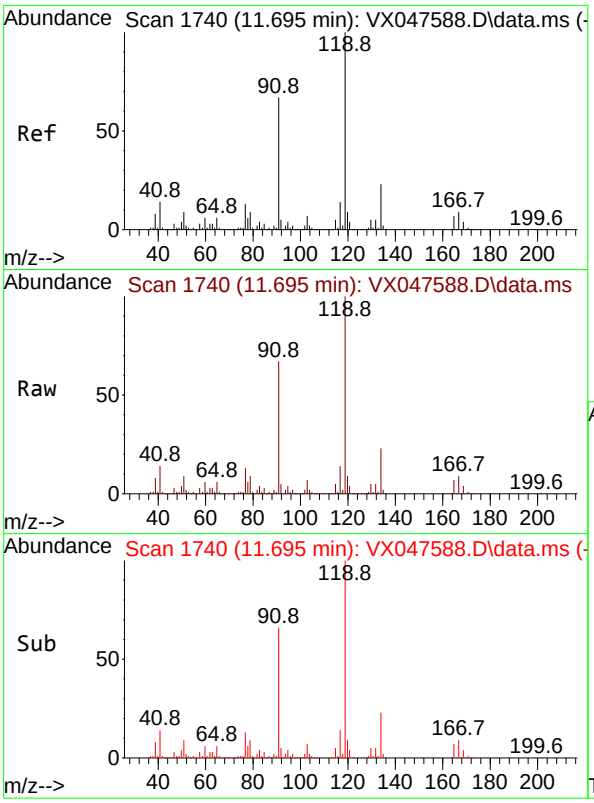


#82
4-Chlorotoluene
Concen: 52.806 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 438502

Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.2	42.6

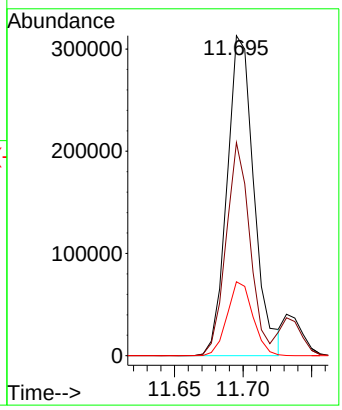




#83
tert-Butylbenzene
Concen: 52.539 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:119 Resp: 42910

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	22.0	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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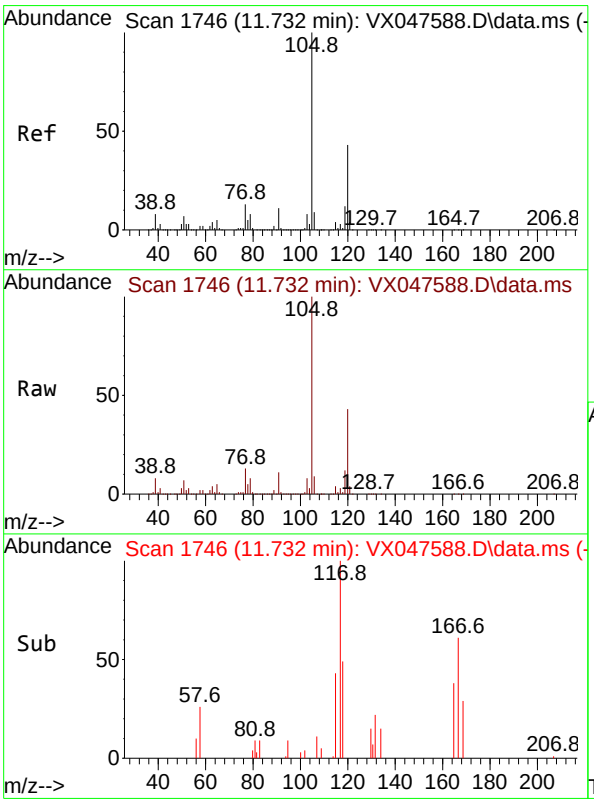
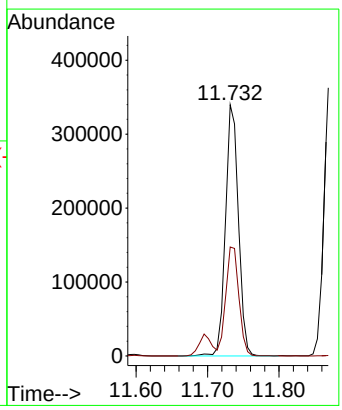
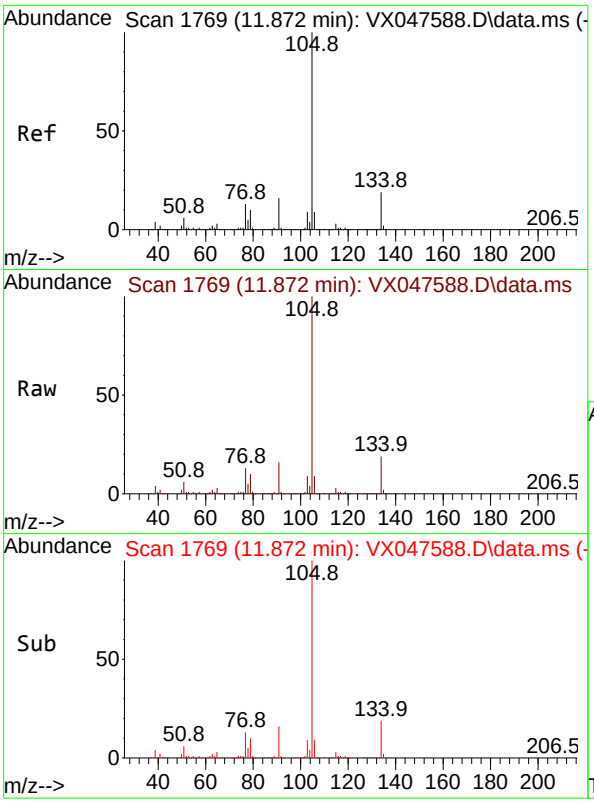


#84
1,2,4-Trimethylbenzene
Concen: 52.798 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 427073

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1

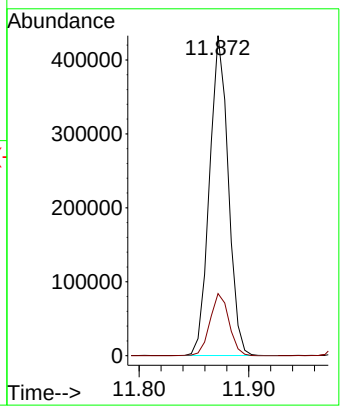




#85
sec-Butylbenzene
Concen: 53.029 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 51444

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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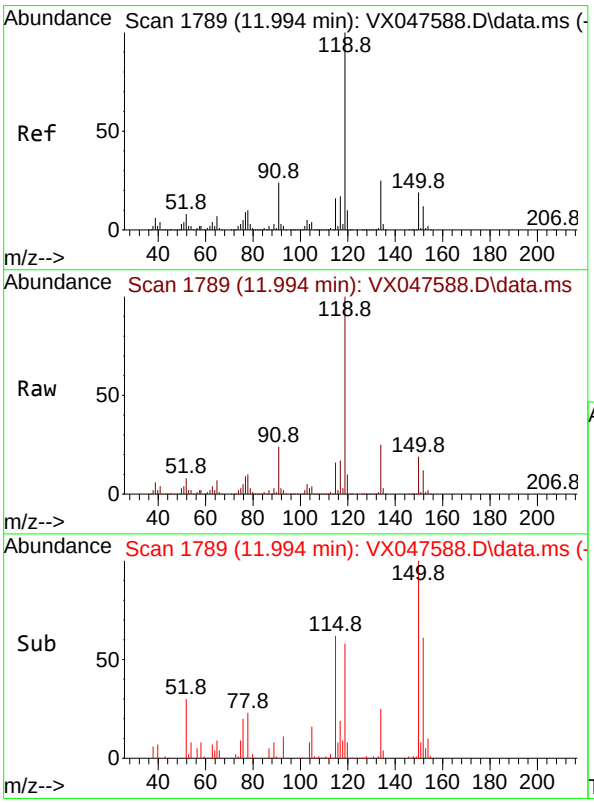
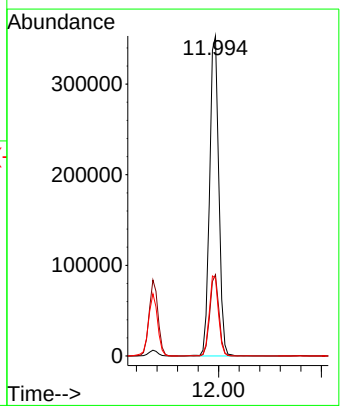
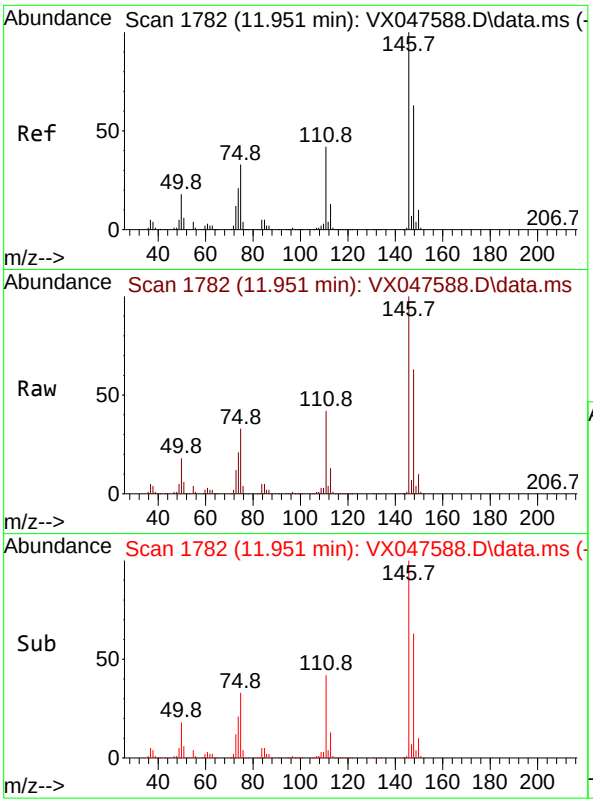


#86
p-Isopropyltoluene
Concen: 53.172 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:119 Resp: 436704

Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.8
91	25.1	12.6	37.6

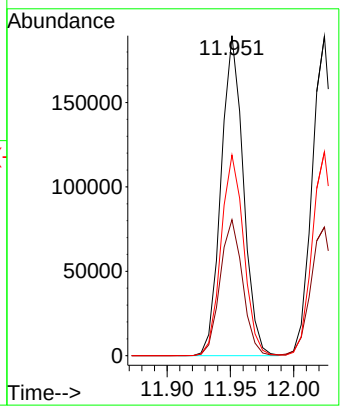




#87
1,3-Dichlorobenzene
Concen: 52.232 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 23203

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	64.0	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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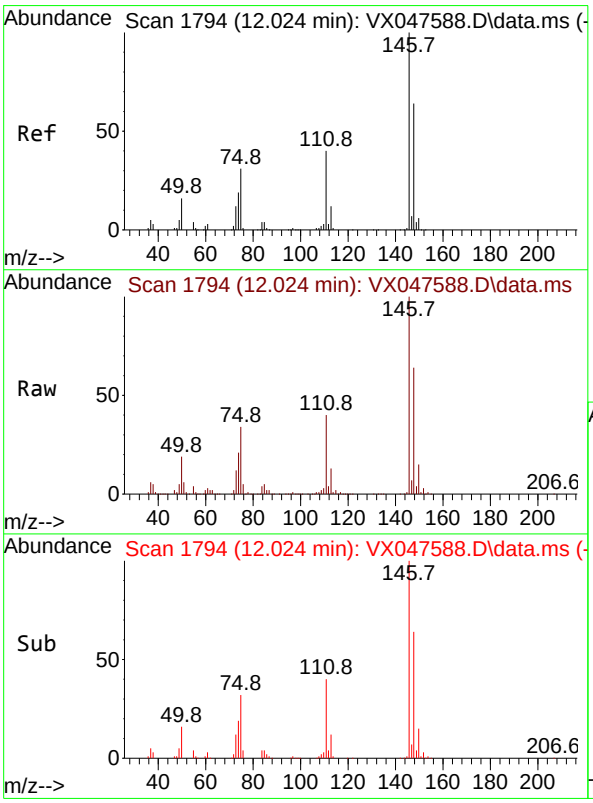
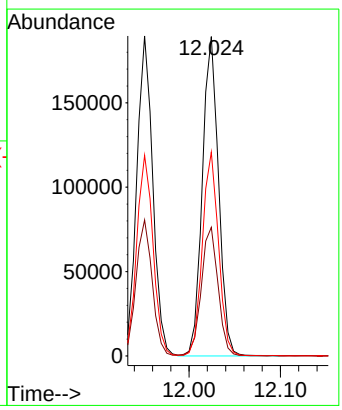
Supervised By :Mahesh Dadoda 09/18/2025

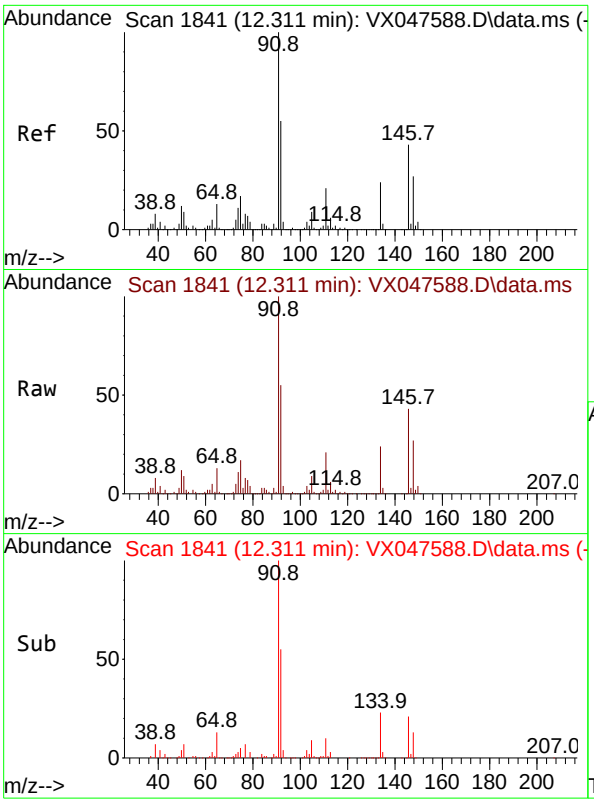


#88
1,4-Dichlorobenzene
Concen: 51.316 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 233975

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.4	31.7	95.1

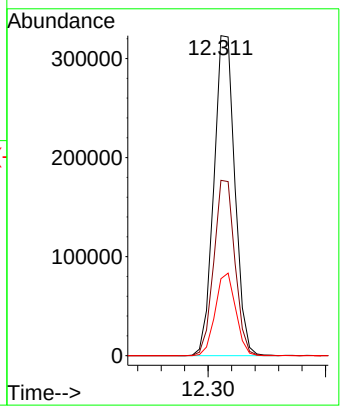




#89
n-Butylbenzene
Concen: 52.766 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 40099

Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	25.2	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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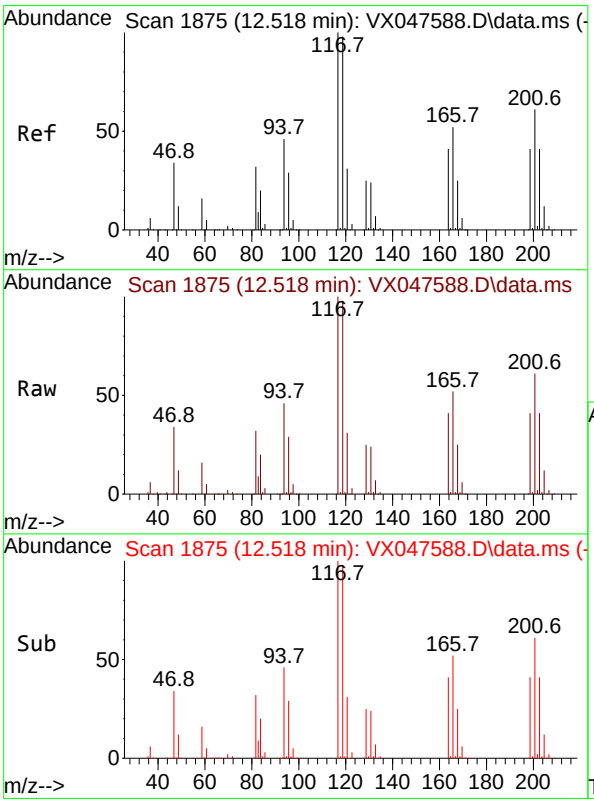
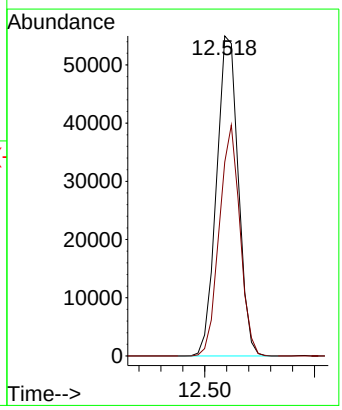
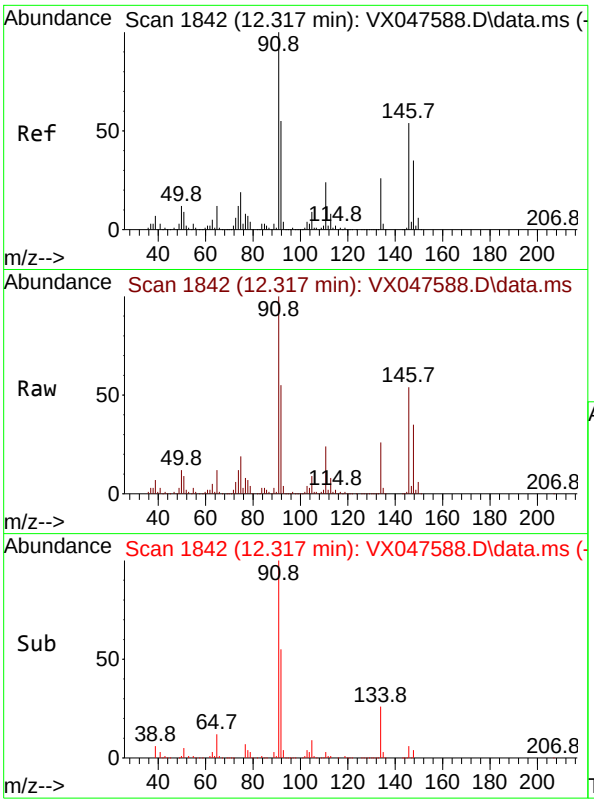


#90
Hexachloroethane
Concen: 52.567 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 75800

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.2	102.5

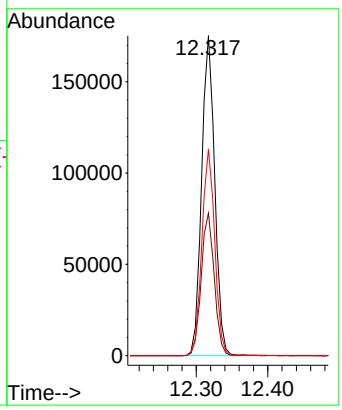




#91
1,2-Dichlorobenzene
Concen: 52.688 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:146 Resp: 22299

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	63.6	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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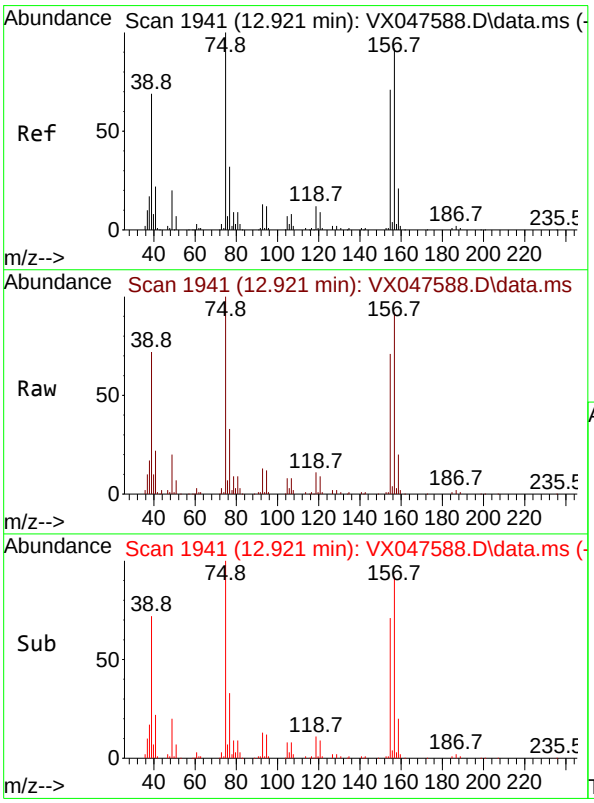
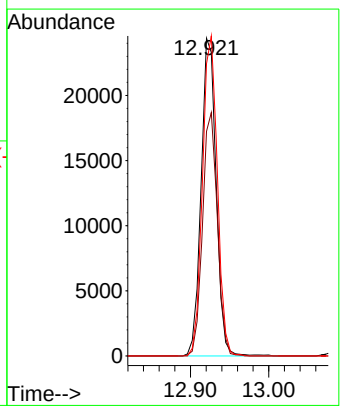
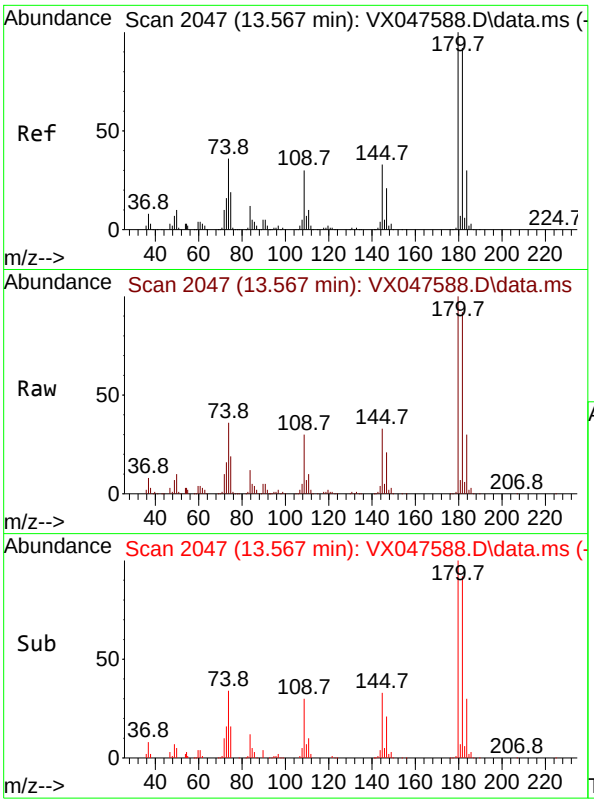


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.554 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 32451

Ion	Ratio	Lower	Upper
75	100		
155	75.4	37.7	113.1
157	99.6	49.8	149.4

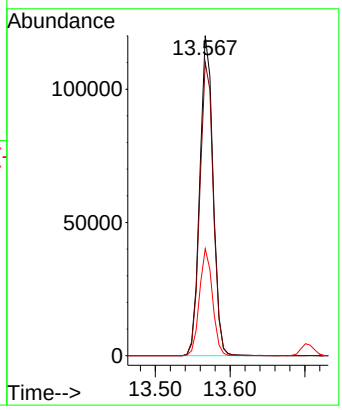




#93
1,2,4-Trichlorobenzene
Concen: 53.685 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:180 Resp: 14767

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	32.7	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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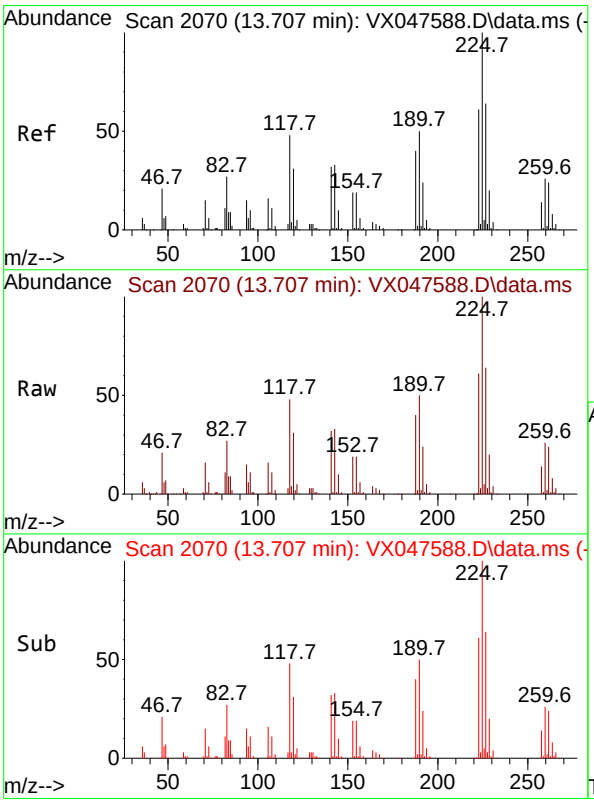
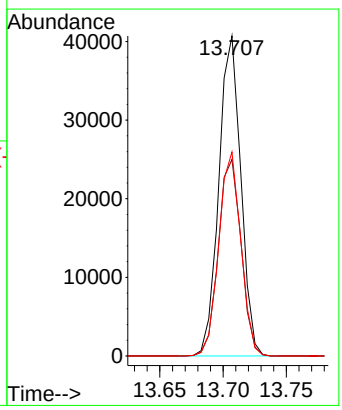
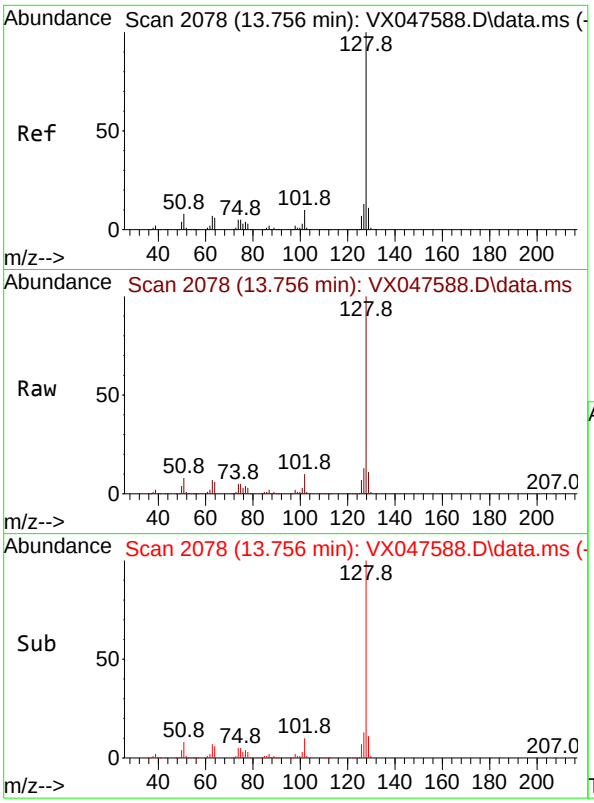


#94
Hexachlorobutadiene
Concen: 52.510 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:225 Resp: 49061

Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.7	95.1
227	64.0	32.0	96.0

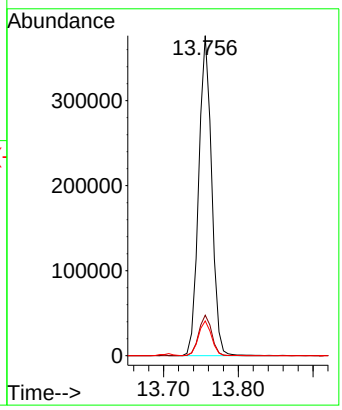




#95
Naphthalene
Concen: 53.966 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:128 Resp: 45201

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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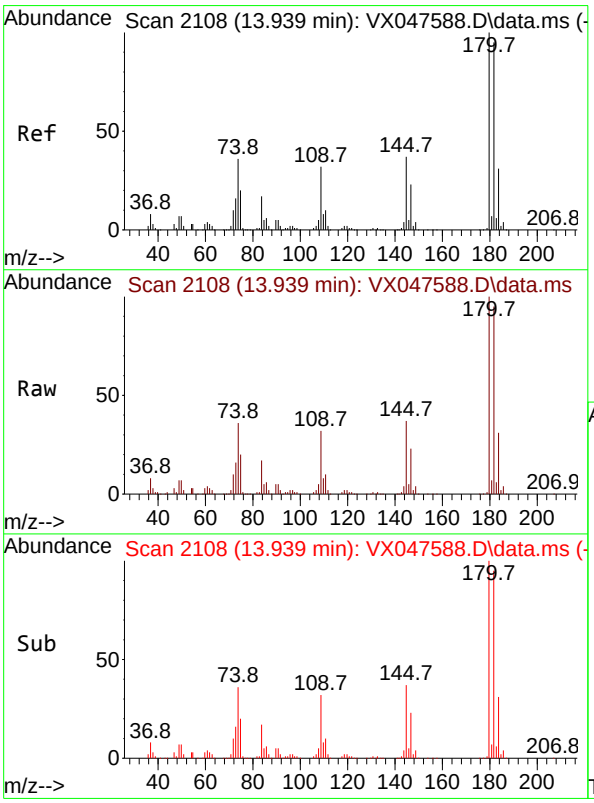
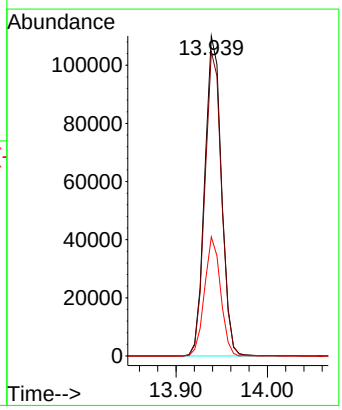


#96
1,2,3-Trichlorobenzene
Concen: 54.316 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:180 Resp: 138978

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	35.8	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	169280	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	298913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	275758	102.341	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 204.680%#			
35) Dibromofluoromethane	5.361	113	212419	105.962	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 211.920%#			
50) Toluene-d8	8.629	98	724078	104.386	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 208.780%#			
62) 4-Bromofluorobenzene	11.061	95	270289	102.672	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.340%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	172727	98.537	ug/l	100
3) Chloromethane	1.301	50	229165	99.472	ug/l	100
4) Vinyl Chloride	1.380	62	229175	101.621	ug/l	100
5) Bromomethane	1.611	94	143113	100.076	ug/l	99
6) Chloroethane	1.691	64	152487	101.167	ug/l	99
7) Trichlorofluoromethane	1.892	101	344488	102.878	ug/l	100
8) Diethyl Ether	2.130	74	142038	103.695	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	199843	102.067	ug/l	99
10) Methyl Iodide	2.453	142	313092	102.531	ug/l	99
11) Tert butyl alcohol	2.947	59	152108	506.863	ug/l	98
12) 1,1-Dichloroethene	2.319	96	206097	102.473	ug/l	93
13) Acrolein	2.233	56	150793	545.276	ug/l	97
14) Allyl chloride	2.660	41	415140	100.028	ug/l	99
15) Acrylonitrile	3.056	53	581240	522.897	ug/l	100
16) Acetone	2.374	43	510542	435.772	ug/l	100
17) Carbon Disulfide	2.514	76	537888	97.693	ug/l	98
18) Methyl Acetate	2.697	43	292867	112.324	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	748952	102.011	ug/l	100
20) Methylene Chloride	2.782	84	242548	97.805	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	217759	100.566	ug/l	98
22) Diisopropyl ether	3.745	45	811840	100.934	ug/l	88
23) Vinyl Acetate	3.709	43	3314707	514.916	ug/l	99
24) 1,1-Dichloroethane	3.599	63	435815	101.944	ug/l	98
25) 2-Butanone	4.532	43	700827	479.558	ug/l	97
26) 2,2-Dichloropropane	4.465	77	357292	100.542	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	266550	100.516	ug/l	100
28) Bromochloromethane	4.873	49	198788	106.512	ug/l	99
29) Tetrahydrofuran	4.977	42	443530	504.502	ug/l	99
30) Chloroform	5.074	83	433937	100.447	ug/l	100
31) Cyclohexane	5.452	56	332995	93.523	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	372323	101.607	ug/l	99
36) 1,1-Dichloropropene	5.672	75	281650	96.149	ug/l	98
37) Ethyl Acetate	4.690	43	318793	101.641	ug/l	99
38) Carbon Tetrachloride	5.660	117	314745	98.891	ug/l	98
39) Methylcyclohexane	7.360	83	327858	98.600	ug/l	98
40) Benzene	6.019	78	880885	99.009	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	168753	104.220	ug/l	99
42) 1,2-Dichloroethane	6.062	62	331465	97.916	ug/l	100
43) Isopropyl Acetate	6.318	43	516875	100.482	ug/l	99
44) Trichloroethene	7.104	130	217753	101.234	ug/l	96
45) 1,2-Dichloropropane	7.409	63	228150	100.145	ug/l	100
46) Dibromomethane	7.562	93	164987	99.519	ug/l	99
47) Bromodichloromethane	7.806	83	345991	101.136	ug/l	98
48) Methyl methacrylate	7.671	41	260358	101.612	ug/l	100
49) 1,4-Dioxane	7.641	88	56717	2190.315	ug/l	99
51) 4-Methyl-2-Pentanone	8.555	43	1431253	501.834	ug/l	100
52) Toluene	8.702	92	536148	97.811	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	355881	101.986	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	380577	102.038	ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	205939	97.434	ug/l	97
56) Ethyl methacrylate	9.098	69	346659	104.435	ug/l	99
57) 1,3-Dichloropropane	9.293	76	362848	99.935	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	836362	499.814	ug/l	100
59) 2-Hexanone	9.415	43	996274	486.380	ug/l	100
60) Dibromochloromethane	9.506	129	251394	103.226	ug/l	99
61) 1,2-Dibromoethane	9.592	107	217751	101.147	ug/l	100
64) Tetrachloroethene	9.256	164	165559	98.284	ug/l	98
65) Chlorobenzene	10.061	112	588517	100.253	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	208621	102.988	ug/l	100
67) Ethyl Benzene	10.177	91	1031346	101.823	ug/l	100
68) m/p-Xylenes	10.287	106	763898	202.624	ug/l	99
69) o-Xylene	10.622	106	372621	102.186	ug/l	99
70) Styrene	10.634	104	649863	101.710	ug/l	100
71) Bromoform	10.781	173	161188	106.566	ug/l	98
73) Isopropylbenzene	10.945	105	954900	102.768	ug/l	100
74) N-amyl acetate	10.823	43	448344	105.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	281608	100.172	ug/l	98
76) 1,2,3-Trichloropropane	11.220	75	229521m	90.444	ug/l	
77) Bromobenzene	11.183	156	234666	102.541	ug/l	98
78) n-propylbenzene	11.287	91	1119728	101.941	ug/l	99
79) 2-Chlorotoluene	11.348	91	683867	101.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	787327	103.134	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	102555	105.689	ug/l	98
82) 4-Chlorotoluene	11.433	91	802929	101.054	ug/l	100
83) tert-Butylbenzene	11.695	119	791896	101.333	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	790557	102.144	ug/l	99
85) sec-Butylbenzene	11.872	105	945321	101.840	ug/l	100
86) p-Isopropyltoluene	11.994	119	797643	101.501	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	432248	101.689	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	431839	98.985	ug/l	100
89) n-Butylbenzene	12.311	91	757239	104.138	ug/l	99
90) Hexachloroethane	12.518	117	148048	107.304	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	414491	102.352	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	61029	107.225	ug/l	98
93) 1,2,4-Trichlorobenzene	13.567	180	278777	105.922	ug/l	100
94) Hexachlorobutadiene	13.707	225	92124	103.049	ug/l	99
95) Naphthalene	13.756	128	854492	106.620	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	263512	107.633	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

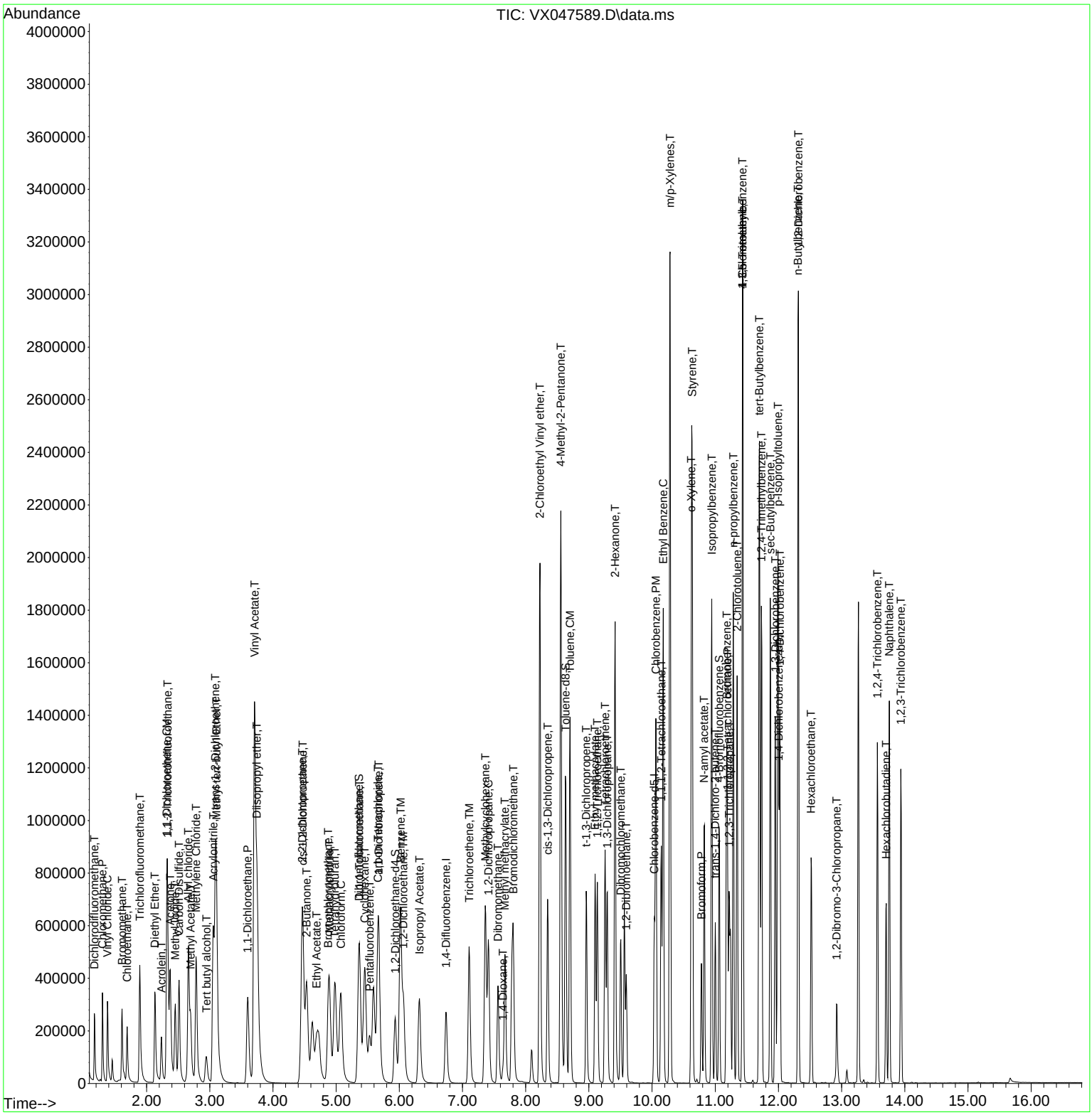
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

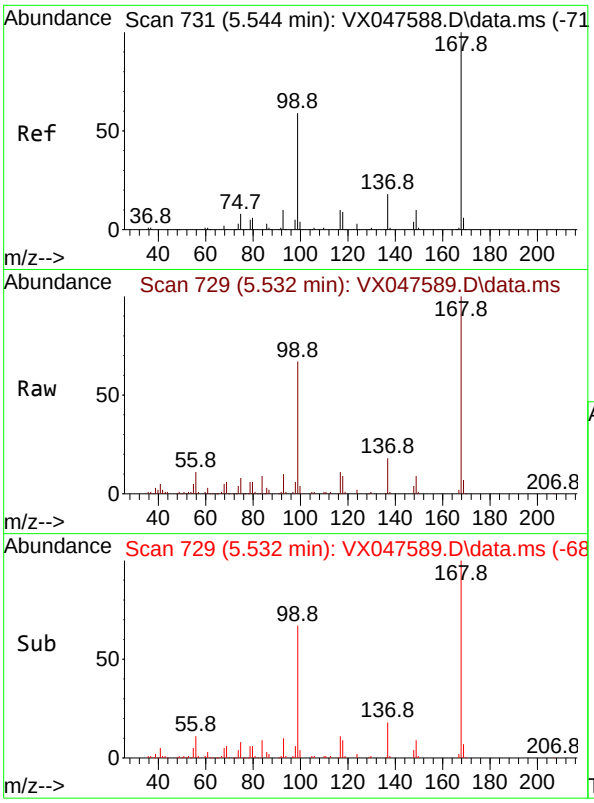
Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

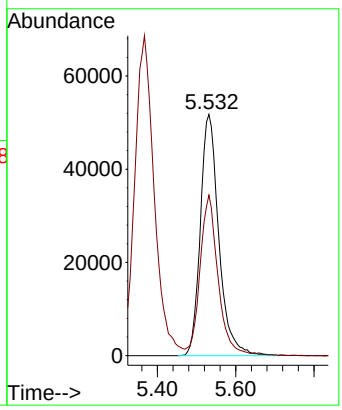




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:168 Resp: 16928

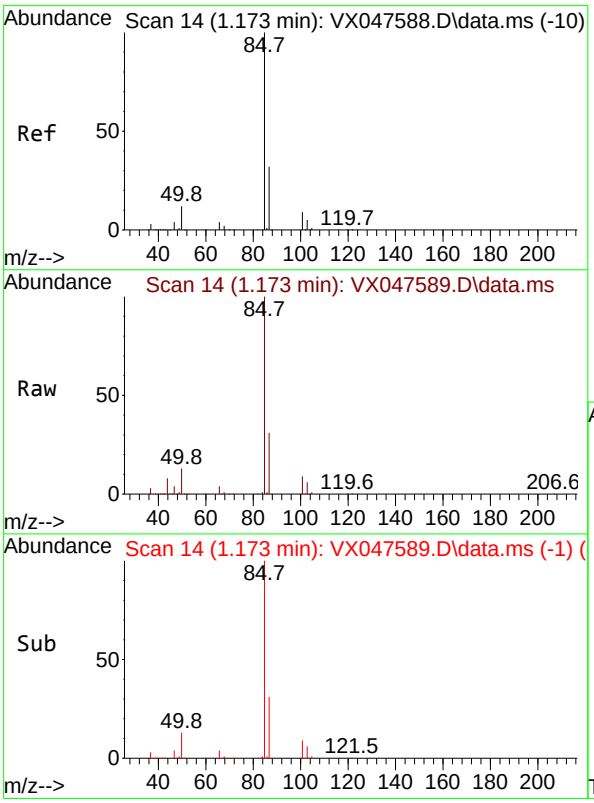
Ion	Ratio	Lower	Upper
168	100		
99	66.4	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

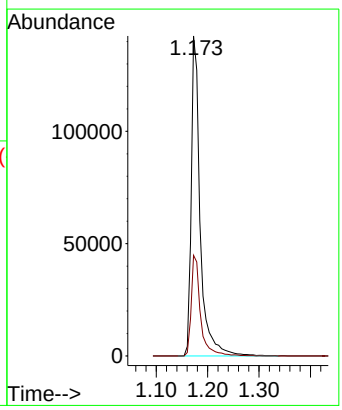
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

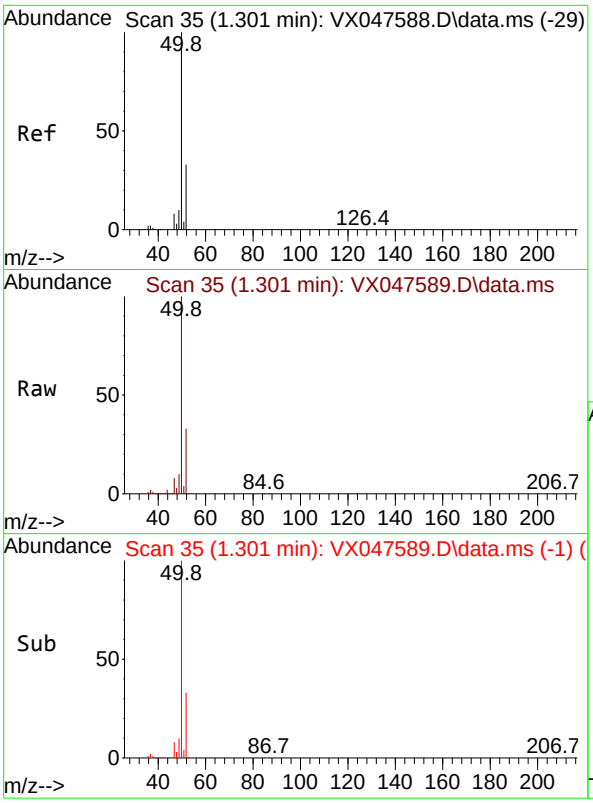


#2
Dichlorodifluoromethane
Concen: 98.537 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 85 Resp: 172727

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.8	47.3

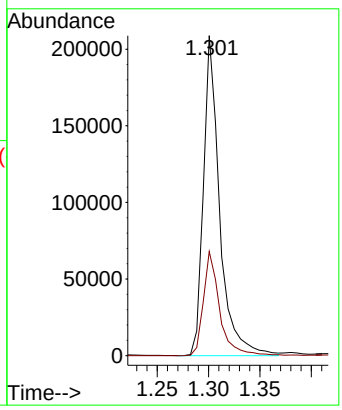




#3
Chloromethane
Concen: 99.472 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 50 Resp: 22916

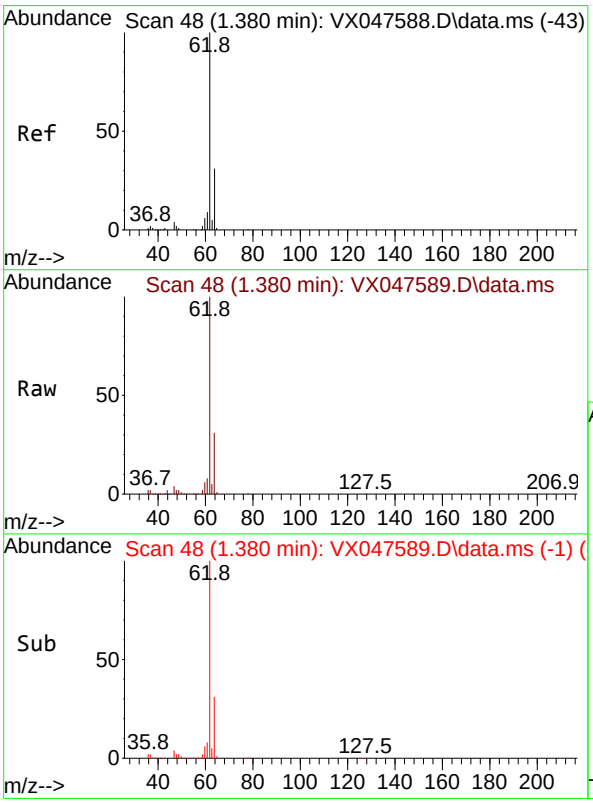
Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

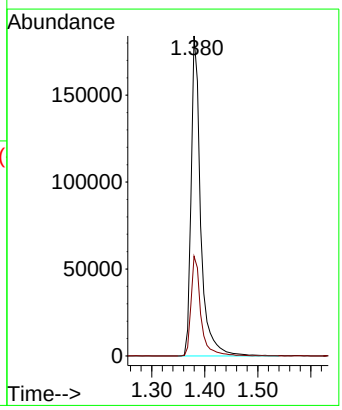
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

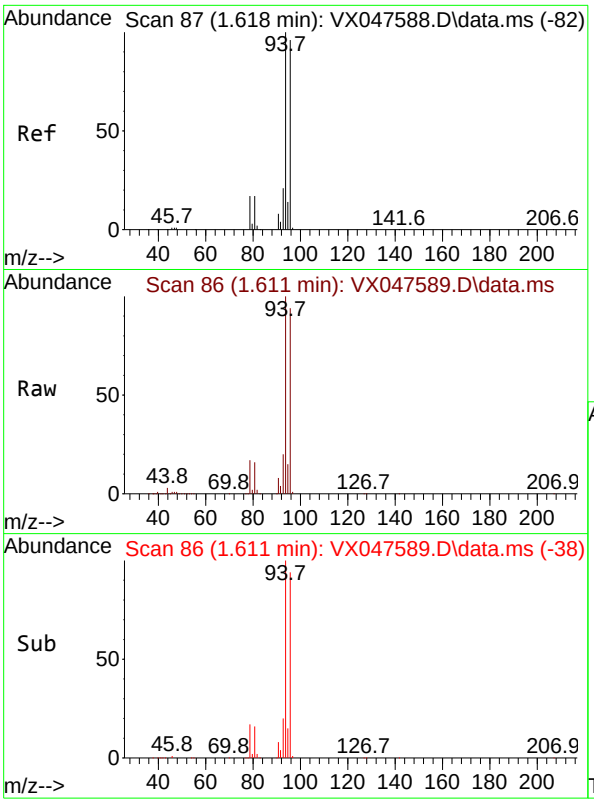


#4
Vinyl Chloride
Concen: 101.621 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 229175

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3

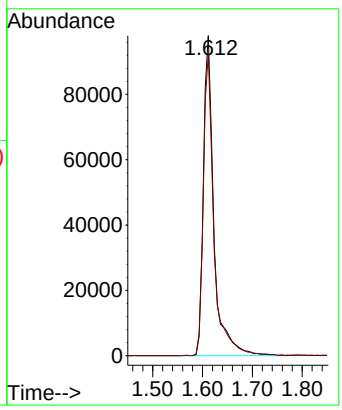




#5
Bromomethane
Concen: 100.076 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 94 Resp: 14311

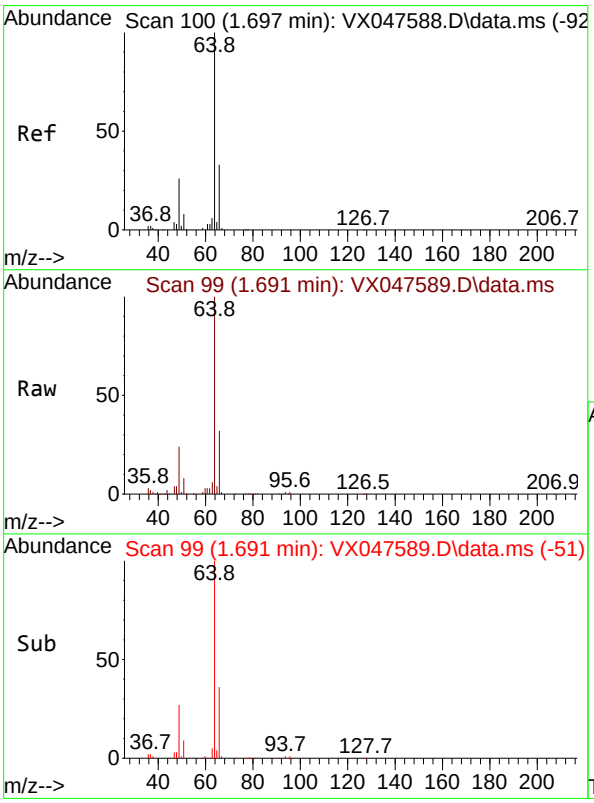
Ion	Ratio	Lower	Upper
94	100		
96	94.4	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

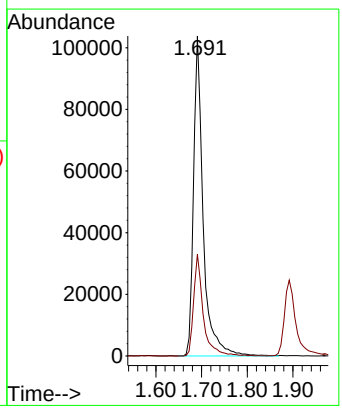
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

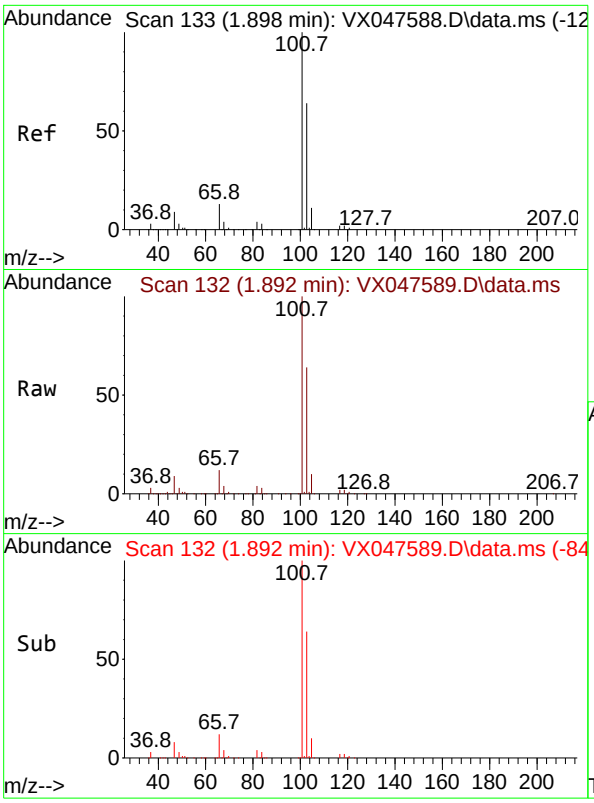


#6
Chloroethane
Concen: 101.167 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 64 Resp: 152487

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.1	39.1

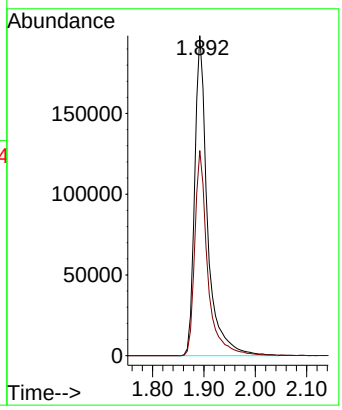




#7
Trichlorofluoromethane
Concen: 102.878 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:101 Resp: 34448

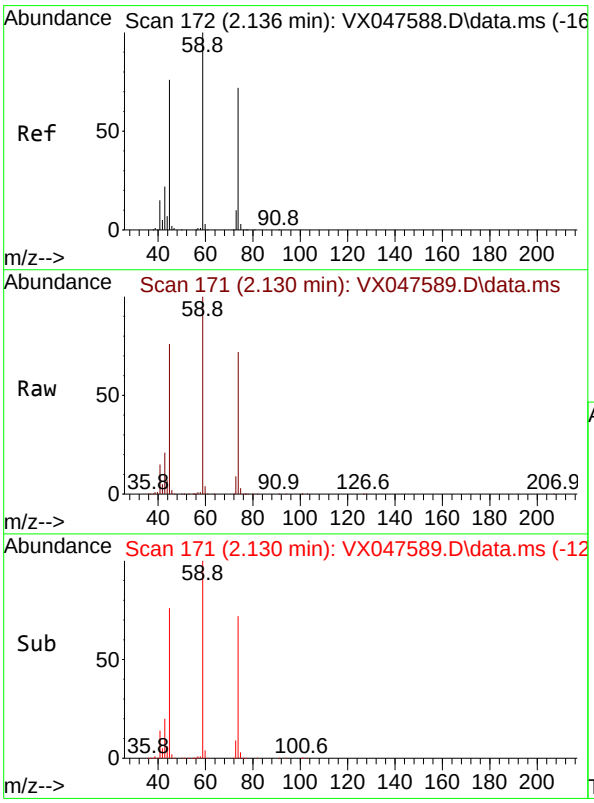
Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

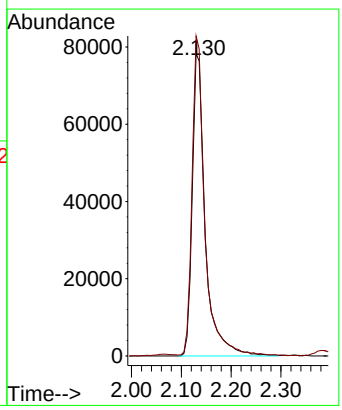
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

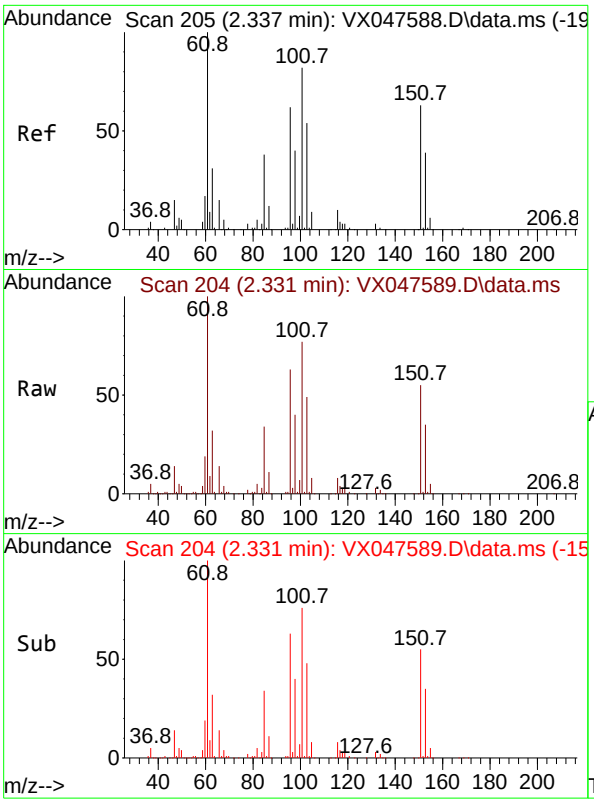


#8
Diethyl Ether
Concen: 103.695 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 74 Resp: 142038

Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.3	156.8

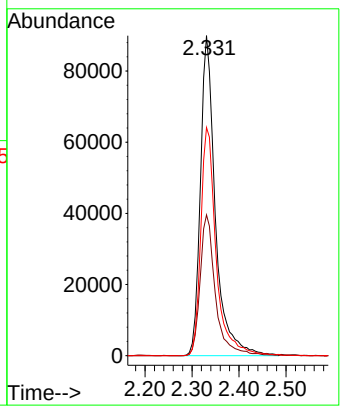




#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.067 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:101 Resp: 19984

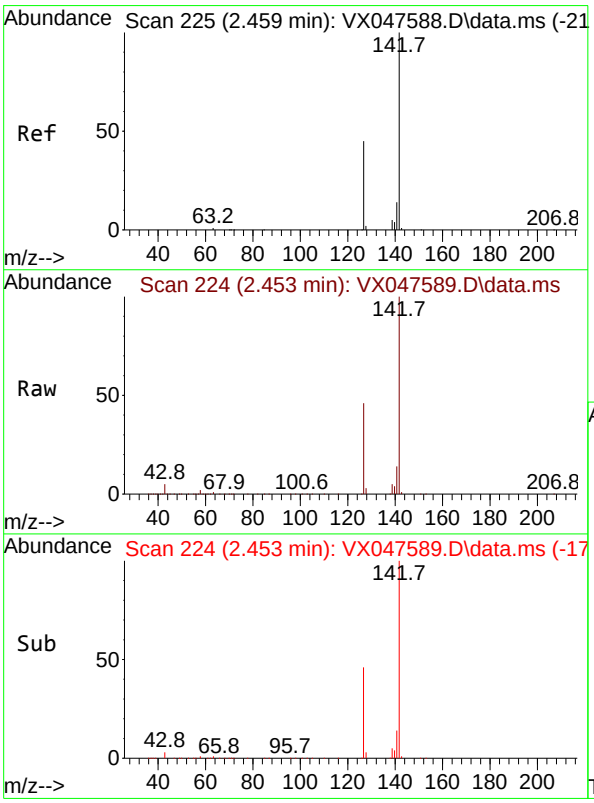
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.5	53.3
151	73.6	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

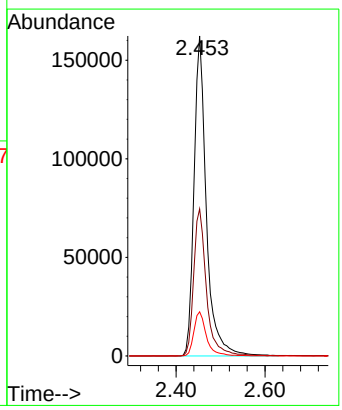
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

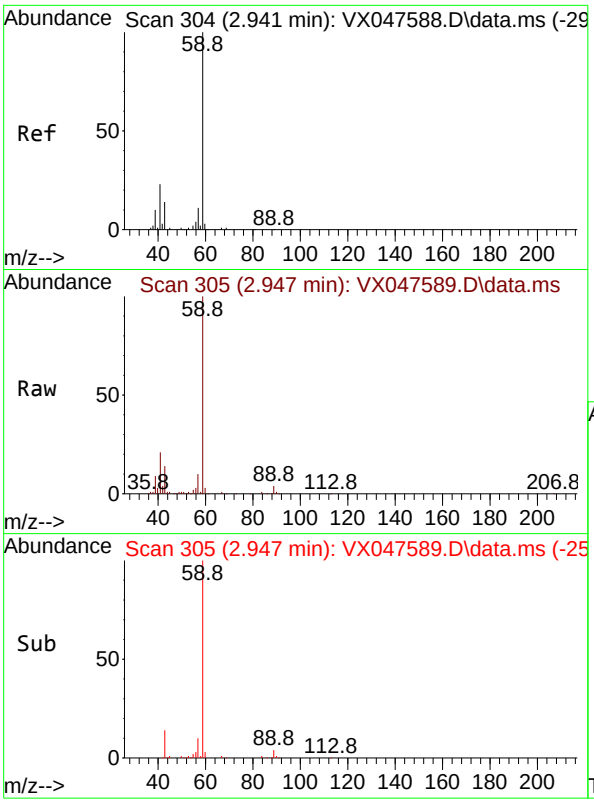


#10
Methyl Iodide
Concen: 102.531 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:142 Resp: 313092

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.1	11.4	17.0

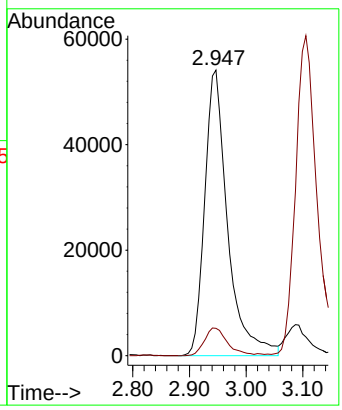




#11
Tert butyl alcohol
Concen: 506.863 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 59 Resp: 15210

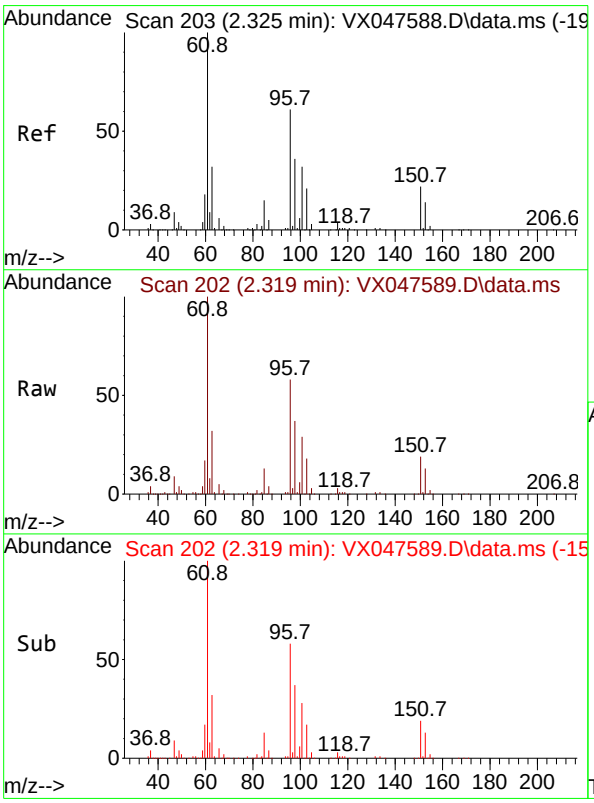
Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

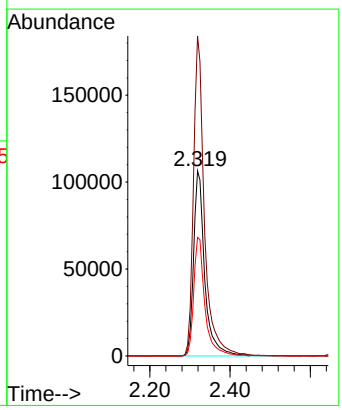
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

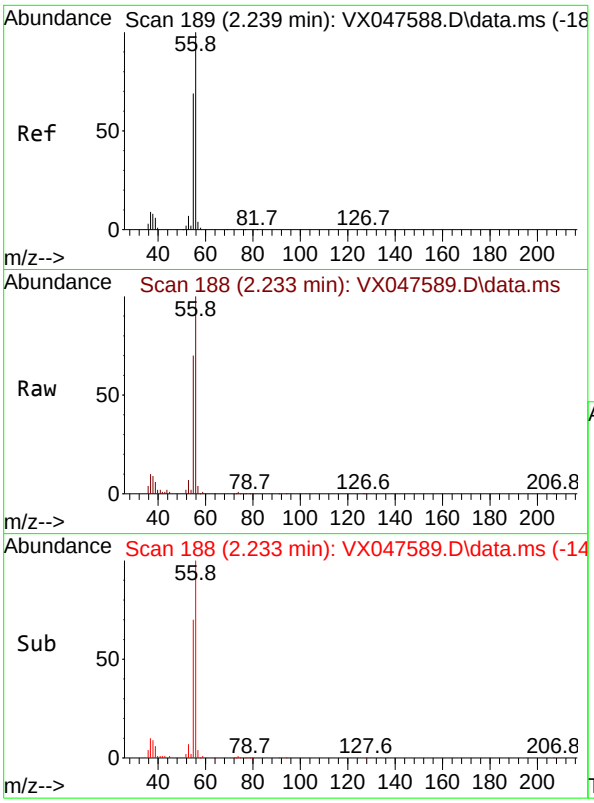


#12
1,1-Dichloroethene
Concen: 102.473 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 206097

Ion	Ratio	Lower	Upper
96	100		
61	172.9	131.0	196.6
98	64.0	47.7	71.5

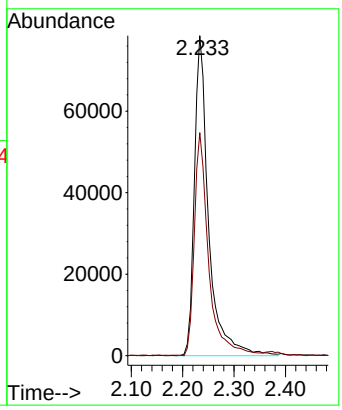




#13
Acrolein
Concen: 545.276 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 56 Resp: 15079

Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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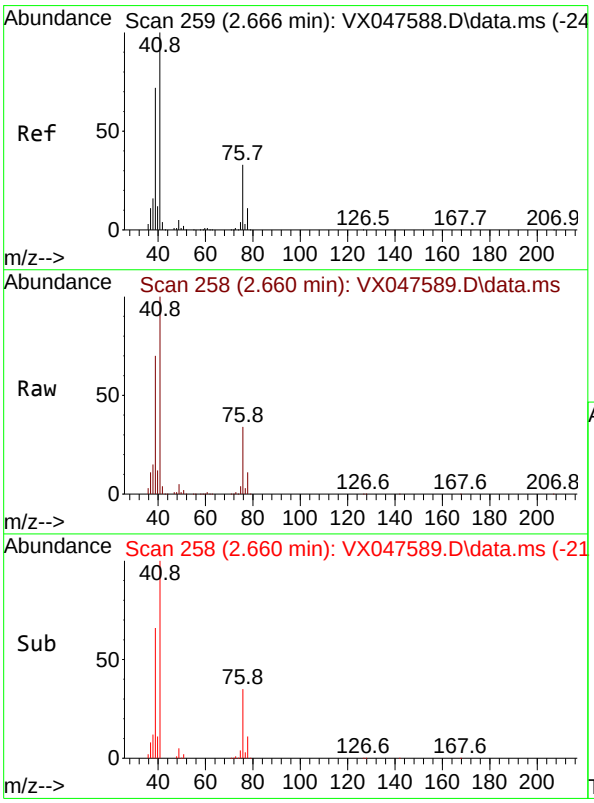
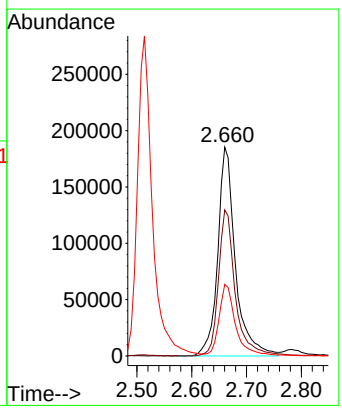
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

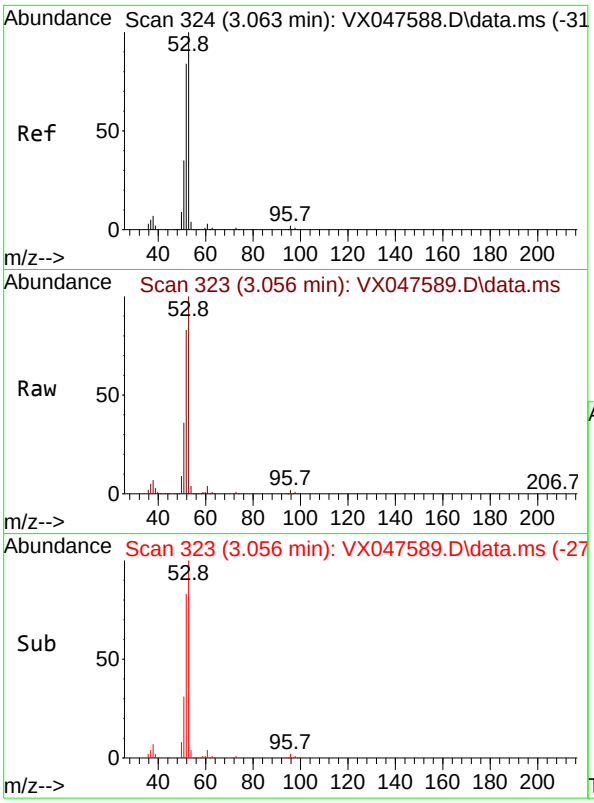


#14
Allyl chloride
Concen: 100.028 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 415140

Ion	Ratio	Lower	Upper
41	100		
39	67.0	54.7	82.1
76	32.2	25.7	38.5

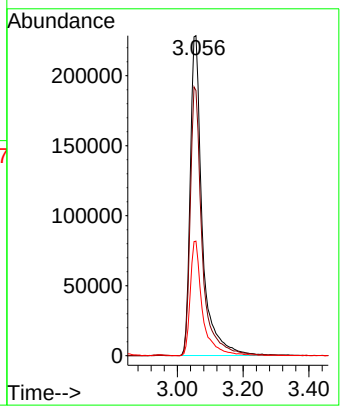




#15
Acrylonitrile
Concen: 522.897 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 53 Resp: 58124

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.4	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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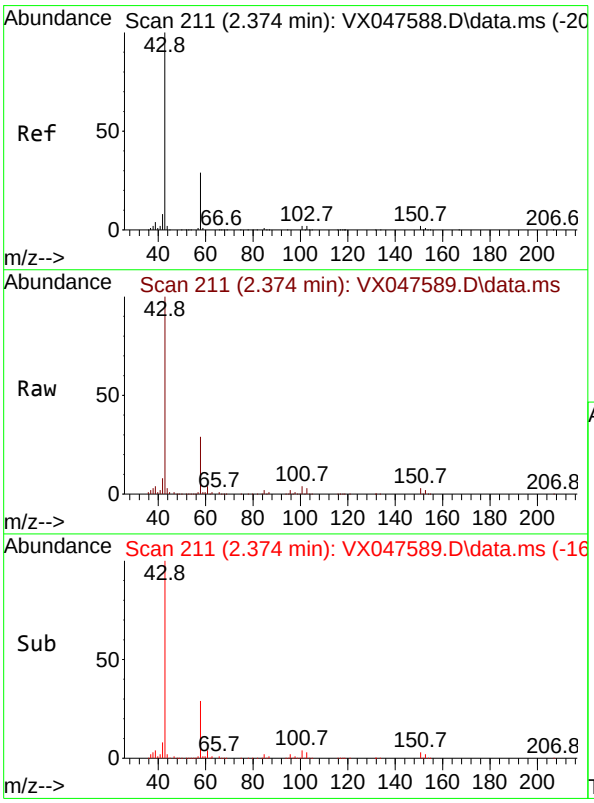
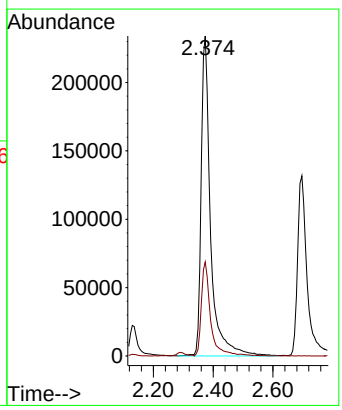
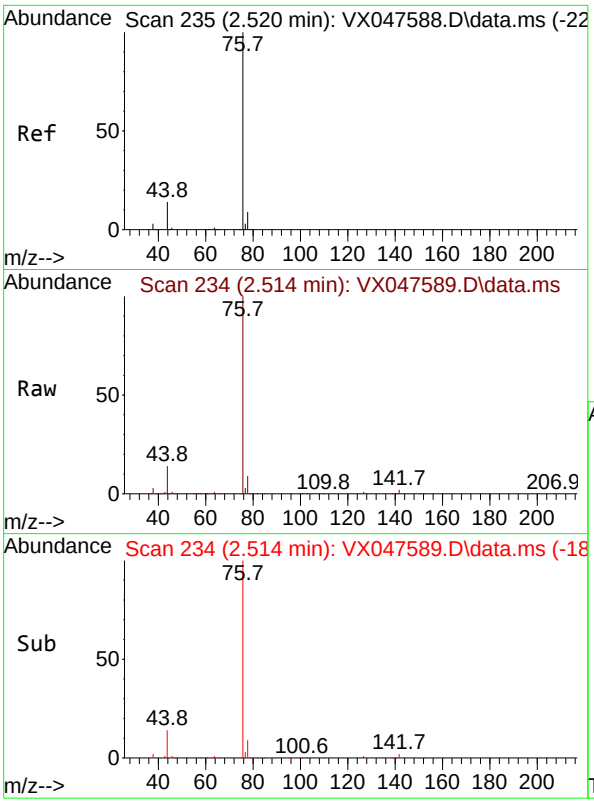


#16
Acetone
Concen: 435.772 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 510542

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0

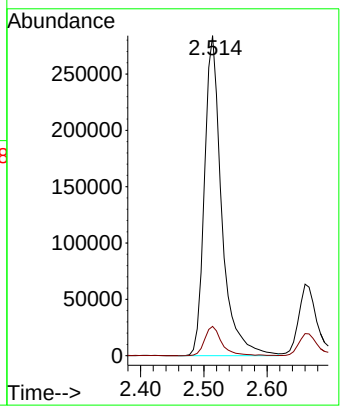




#17
Carbon Disulfide
Concen: 97.693 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 76 Resp: 53788

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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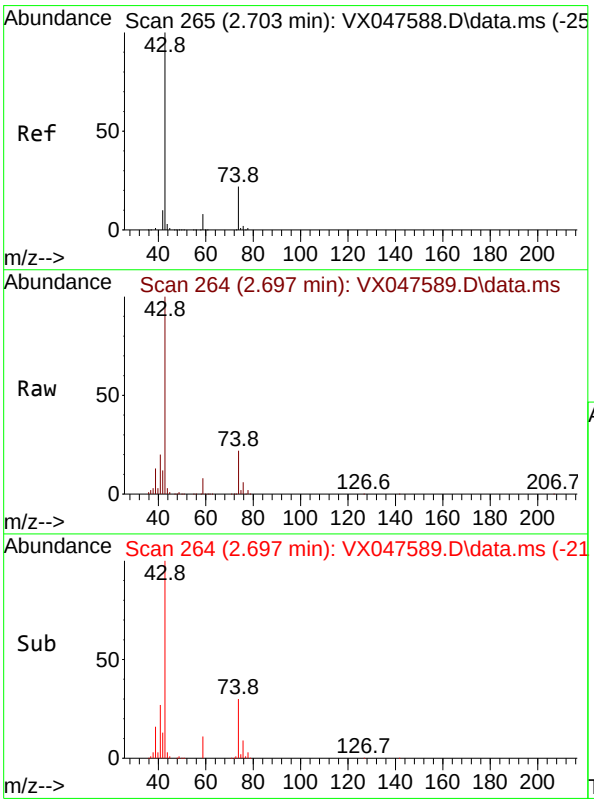
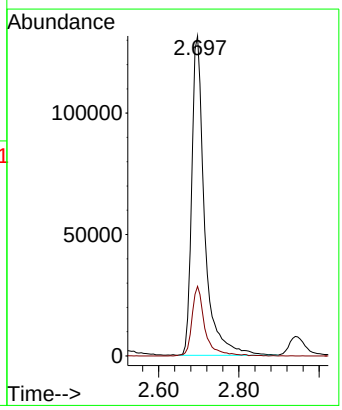
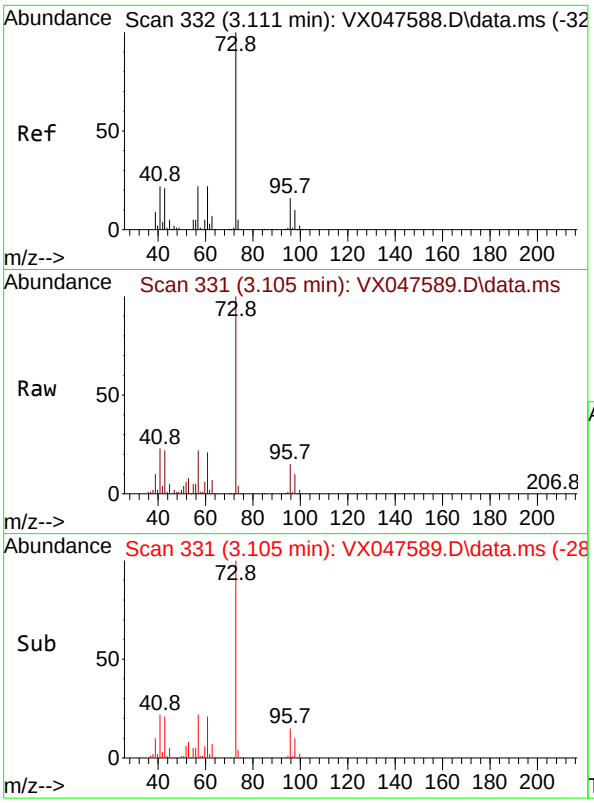


#18
Methyl Acetate
Concen: 112.324 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 292867

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

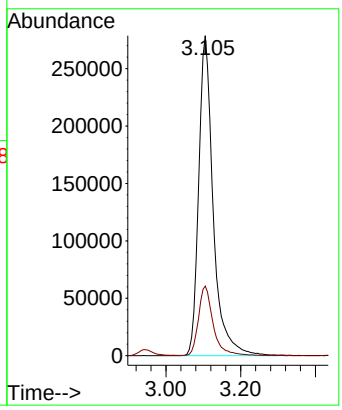




#19
Methyl tert-butyl Ether
Concen: 102.011 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 73 Resp: 74895

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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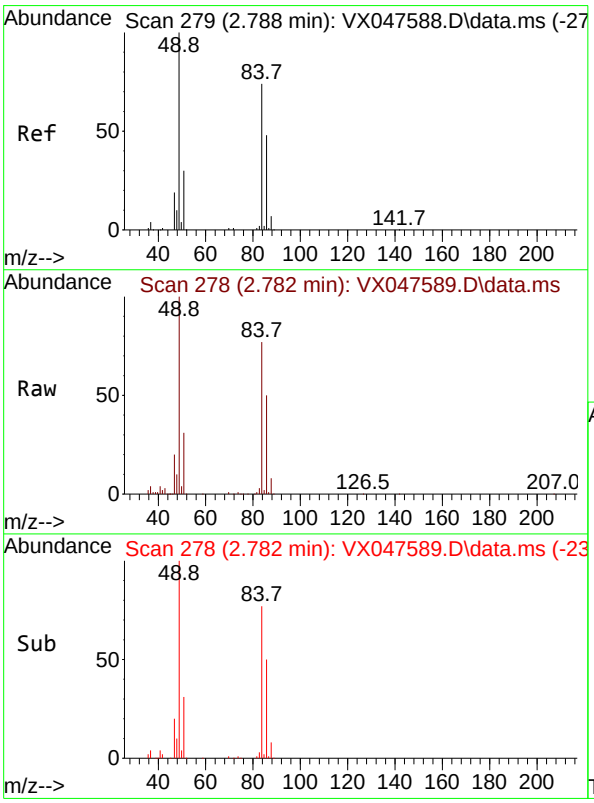
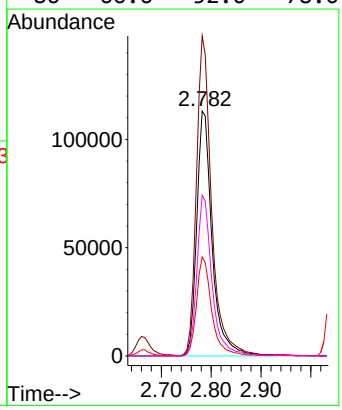
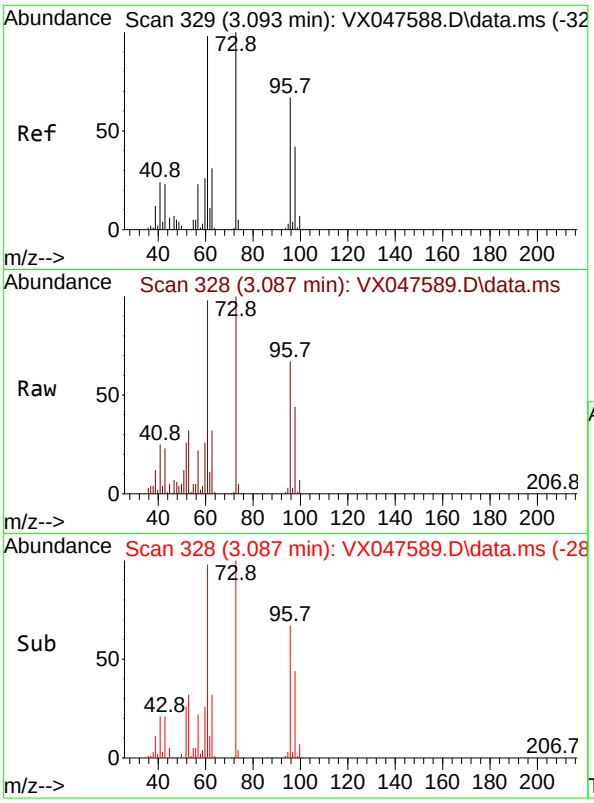


#20
Methylene Chloride
Concen: 97.805 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 84 Resp: 242548

Ion	Ratio	Lower	Upper
84	100		
49	130.4	108.6	162.8
51	40.3	32.6	48.8
86	66.6	52.0	78.0

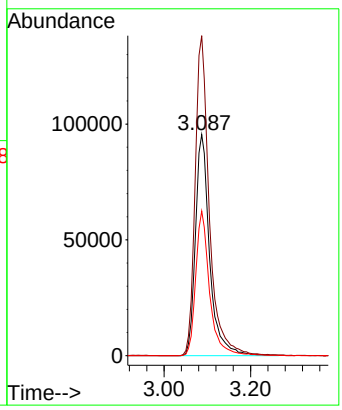




#21
trans-1,2-Dichloroethene
Concen: 100.566 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 21775

Ion	Ratio	Lower	Upper
96	100		
61	144.7	116.2	174.2
98	65.4	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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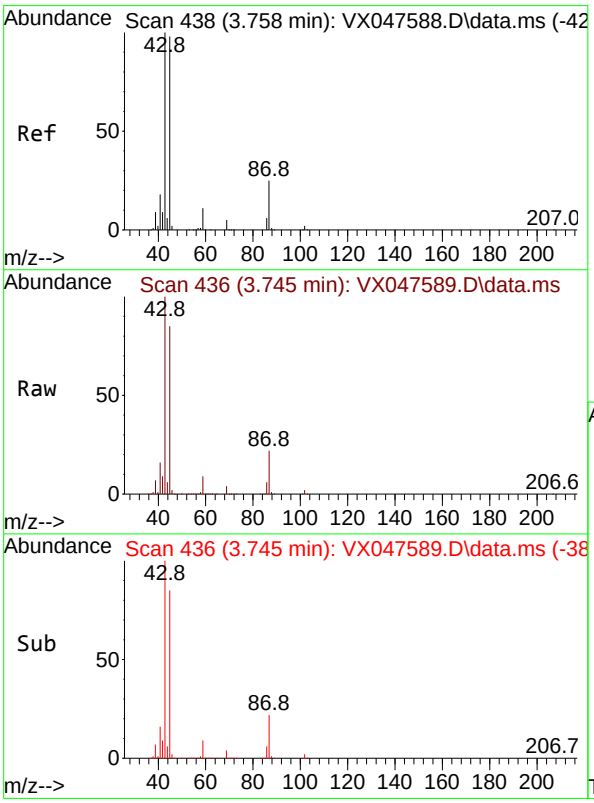
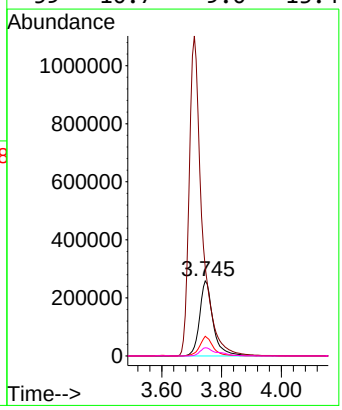
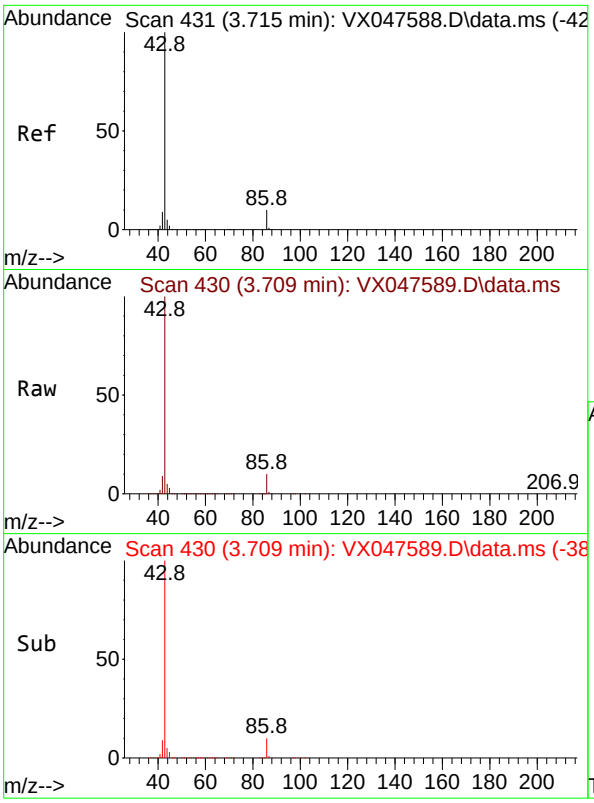


#22
Diisopropyl ether
Concen: 100.934 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 45 Resp: 811840

Ion	Ratio	Lower	Upper
45	100		
43	117.3	81.0	121.4
87	26.1	20.3	30.5
59	10.7	9.0	13.4

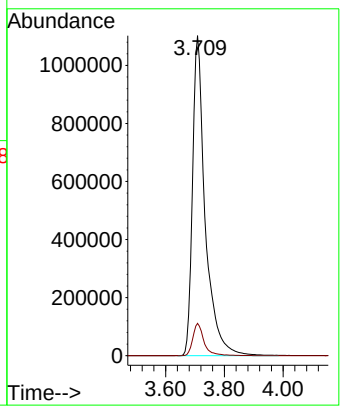




#23
Vinyl Acetate
Concen: 514.916 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 331470

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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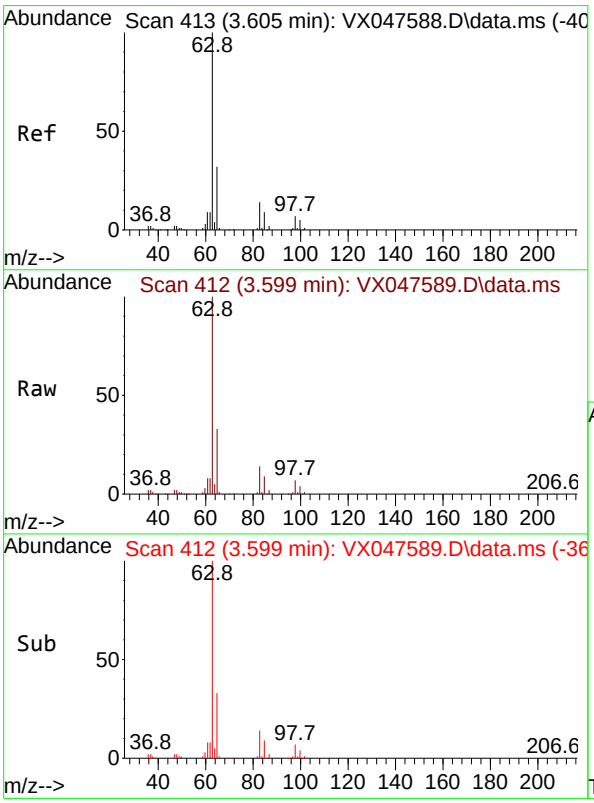
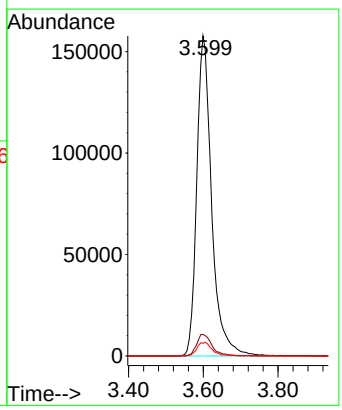
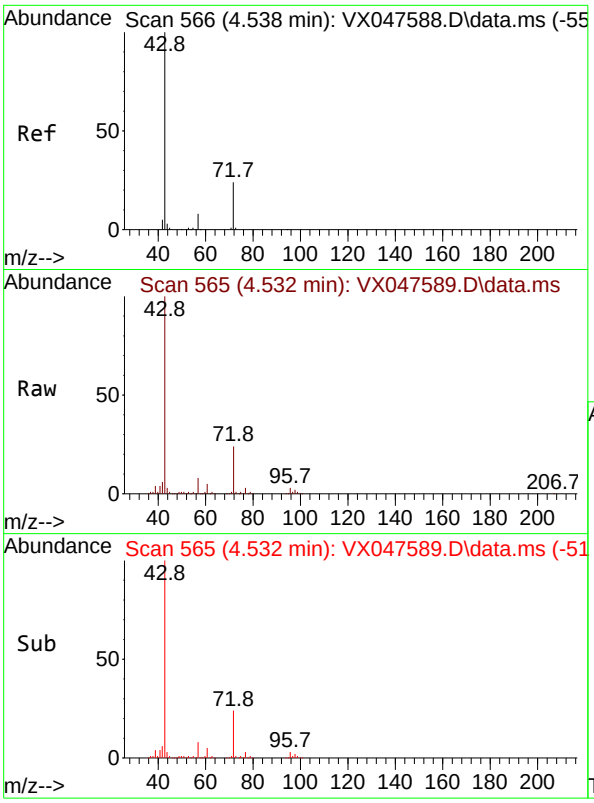


#24
1,1-Dichloroethane
Concen: 101.944 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 435815

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.0	2.3	6.9

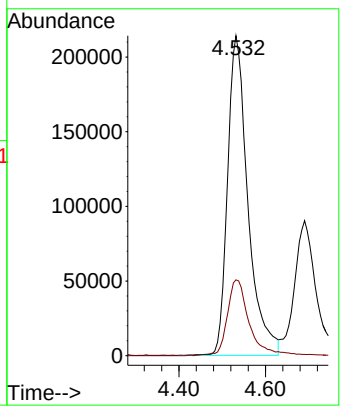




#25
2-Butanone
Concen: 479.558 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 70082

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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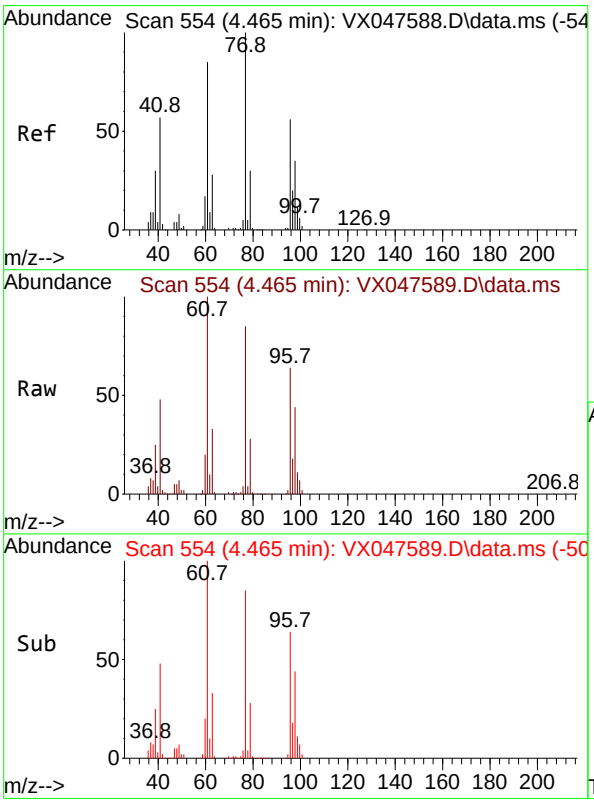
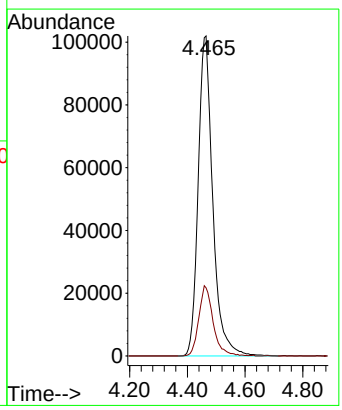
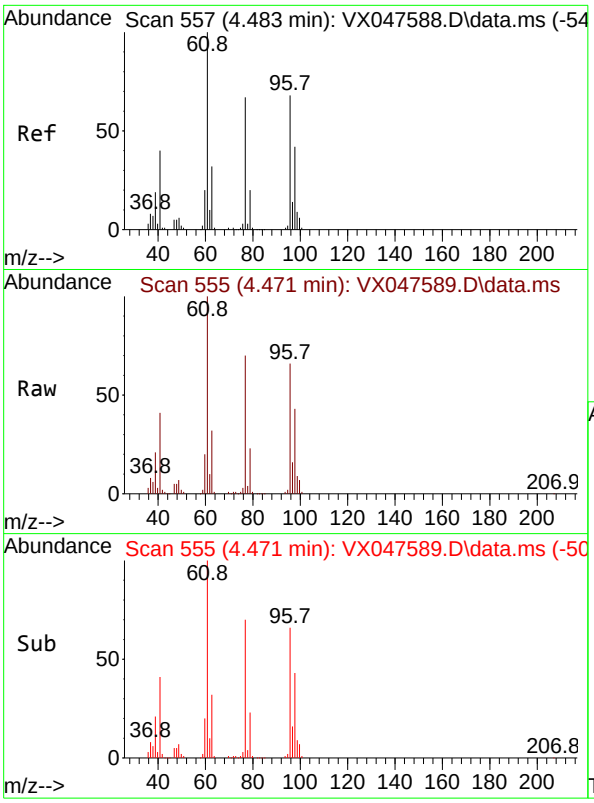


#26
2,2-Dichloropropane
Concen: 100.542 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 77 Resp: 357292

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.9	32.7

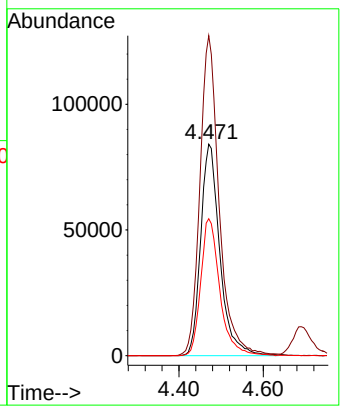




#27
cis-1,2-Dichloroethene
Concen: 100.516 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 96 Resp: 26655

Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	303.2
98	64.4	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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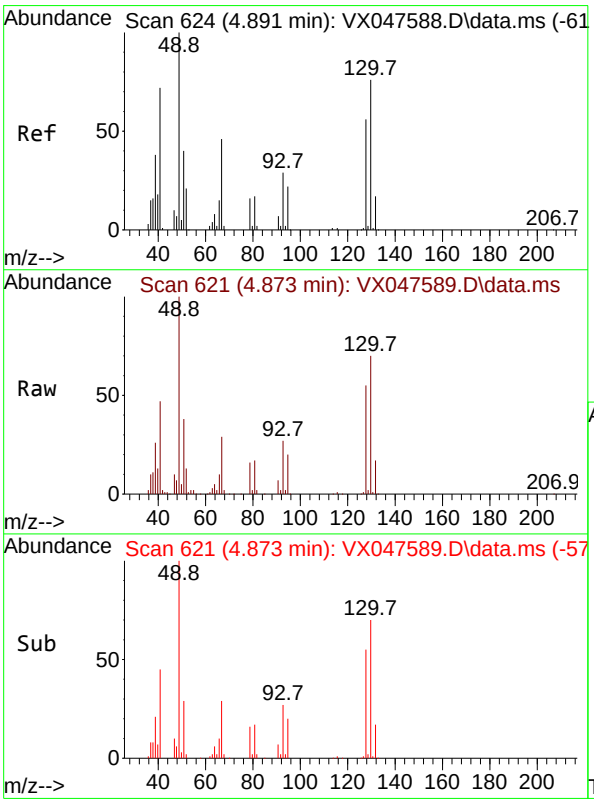
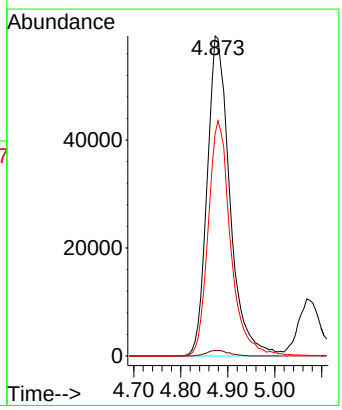
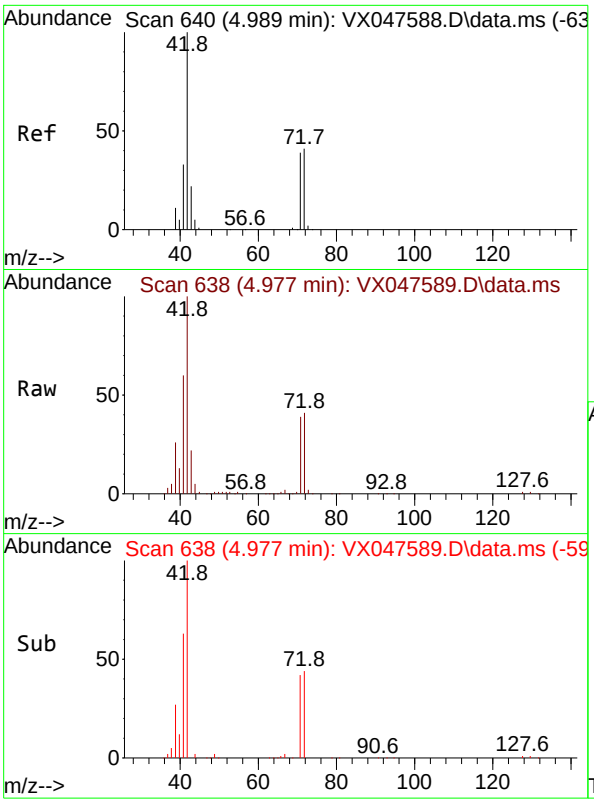


#28
Bromochloromethane
Concen: 106.512 ug/l
RT: 4.873 min Scan# 621
Delta R.T. -0.018 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 49 Resp: 198788

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	72.8	57.8	86.8





#29
Tetrahydrofuran
Concen: 504.502 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 42 Resp: 44353

Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.2	51.2
71	39.5	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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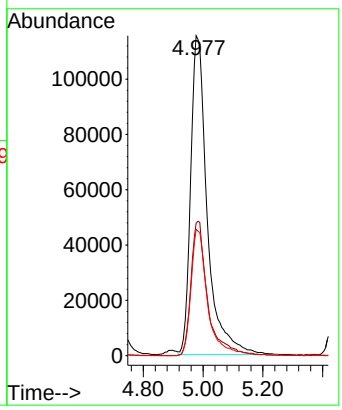
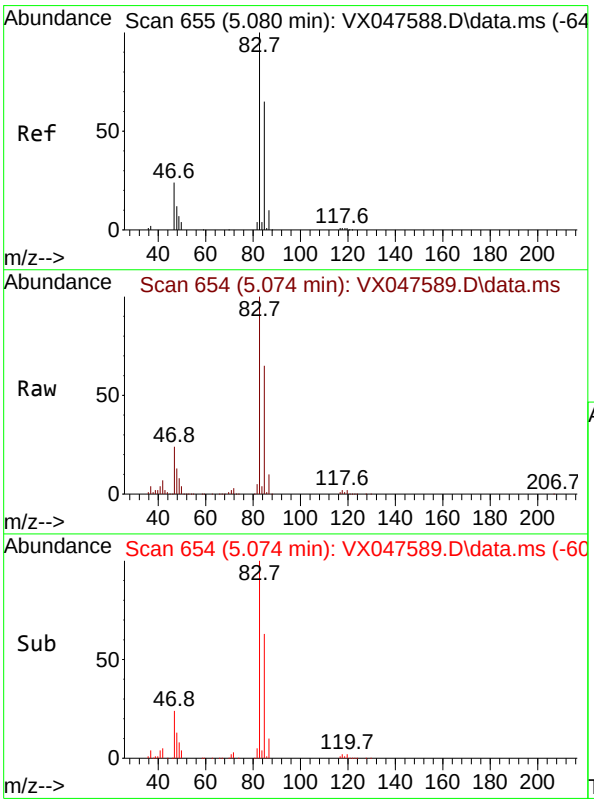
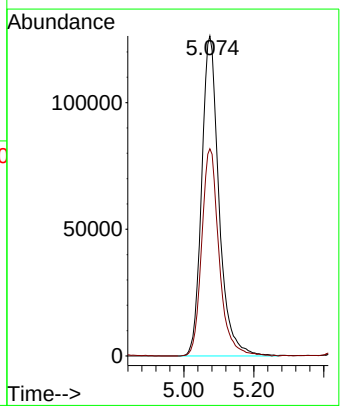


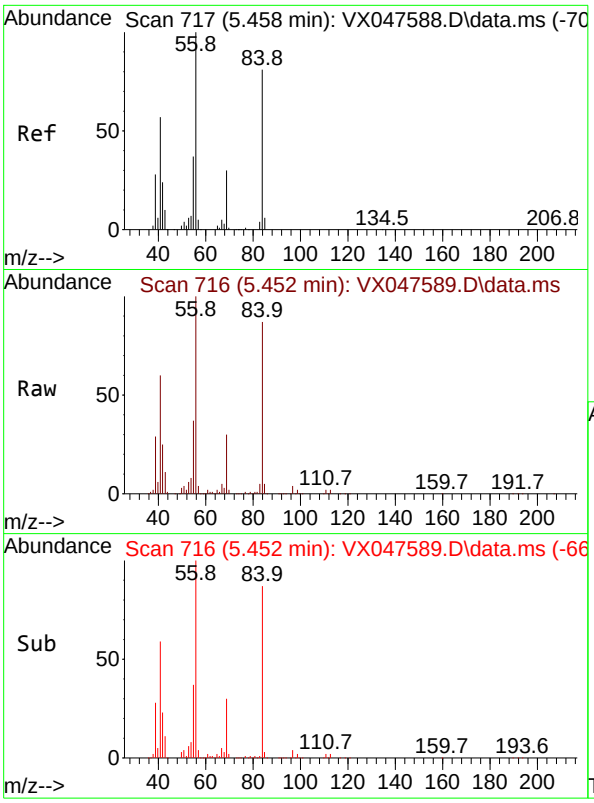


#30
Chloroform
Concen: 100.447 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 433937

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.6

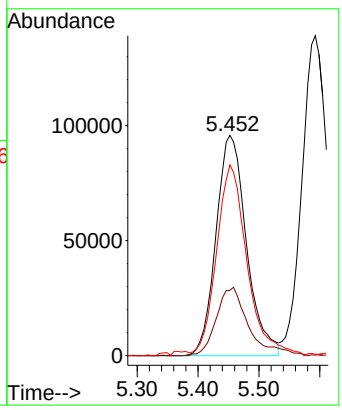




#31
Cyclohexane
Concen: 93.523 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 56 Resp: 33299

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.8	35.8
84	84.7	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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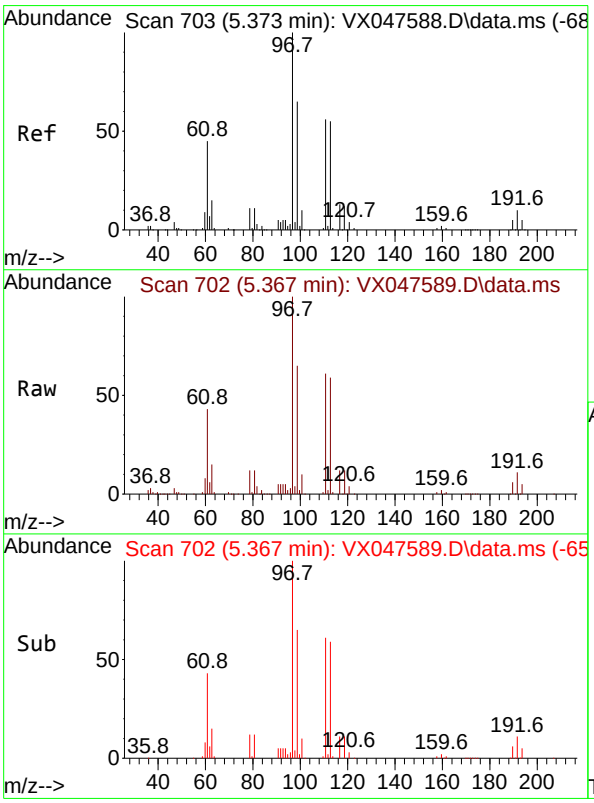
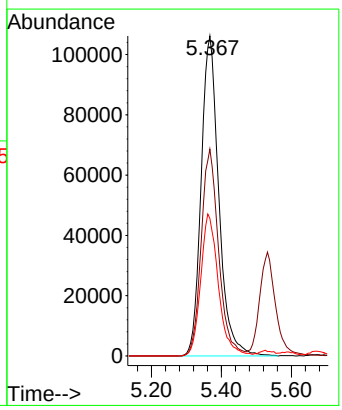
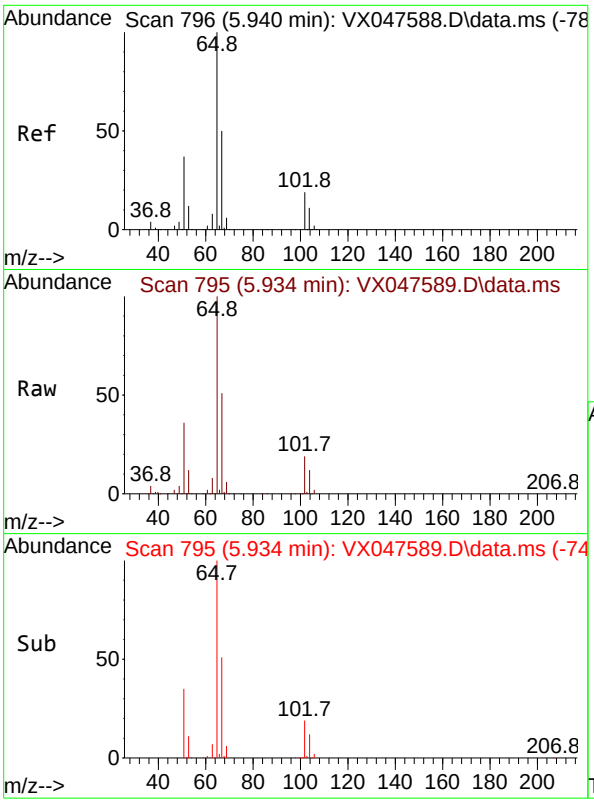


#32
1,1,1-Trichloroethane
Concen: 101.607 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 97 Resp: 372323

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	76.0
61	44.4	35.8	53.8

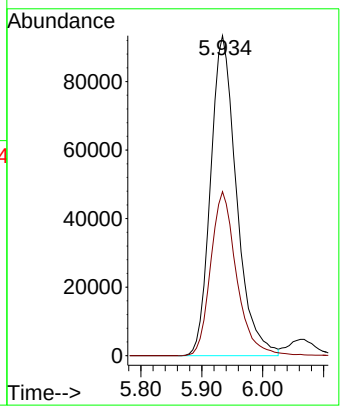




#33
1,2-Dichloroethane-d4
Concen: 102.341 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 65 Resp: 27575

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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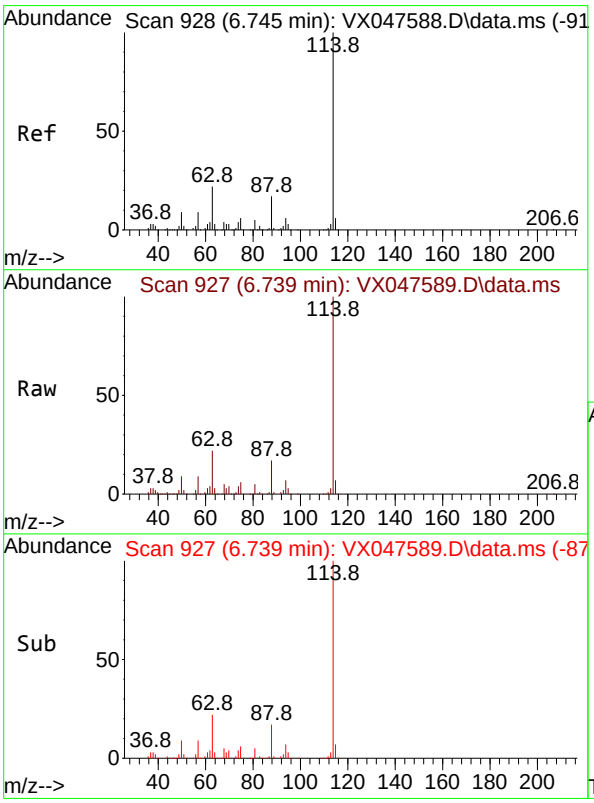
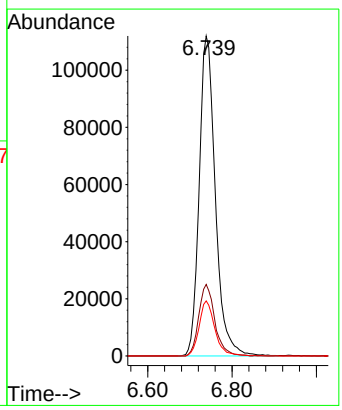
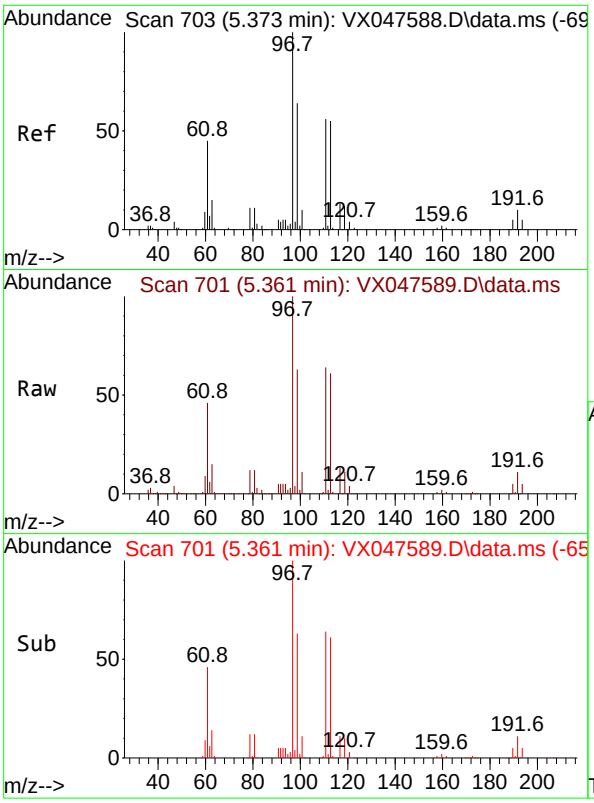


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:114 Resp: 298913

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	17.2	0.0	34.2

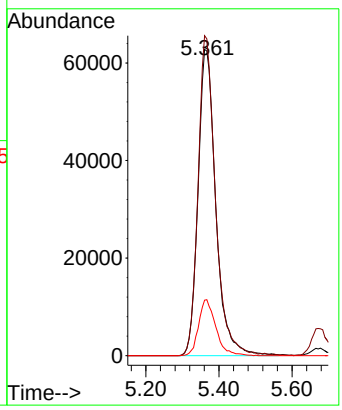




#35
Dibromofluoromethane
Concen: 105.962 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:113 Resp: 21241

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.9	121.3
192	17.7	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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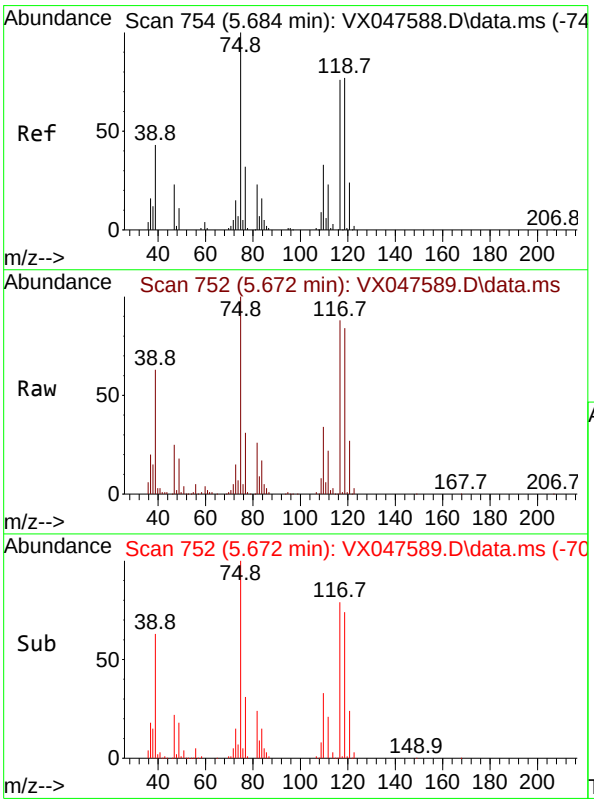
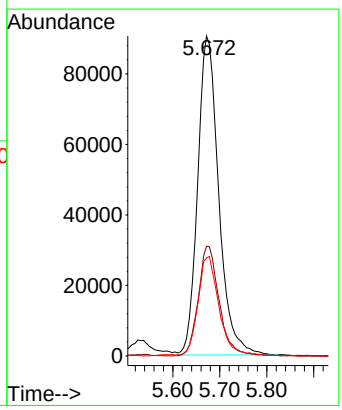
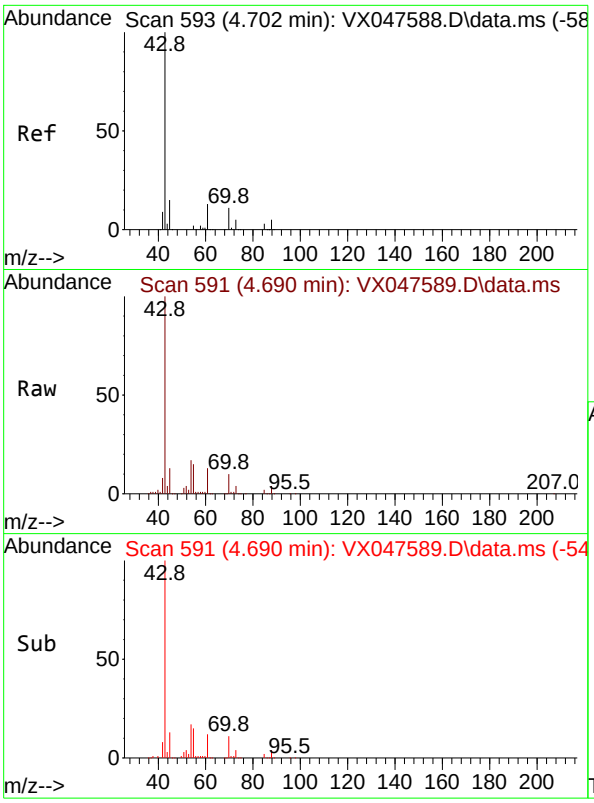


#36
1,1-Dichloropropene
Concen: 96.149 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 281650

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.1
77	31.3	24.3	36.5

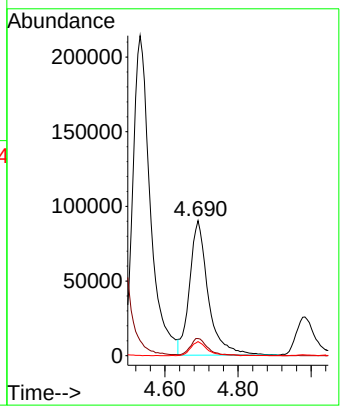




#37
Ethyl Acetate
Concen: 101.641 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 31879

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	9.4	7.9	11.9



Instrument :
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ClientSampleId :
VSTDICC100

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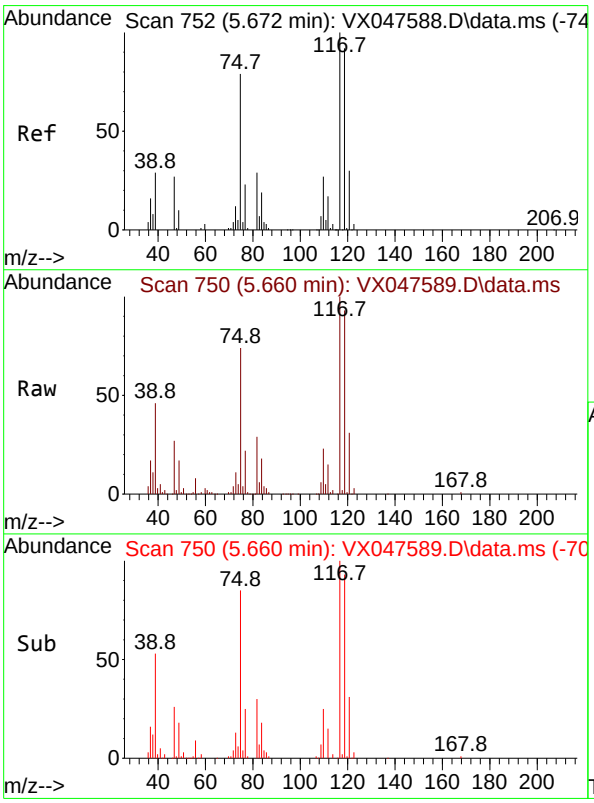
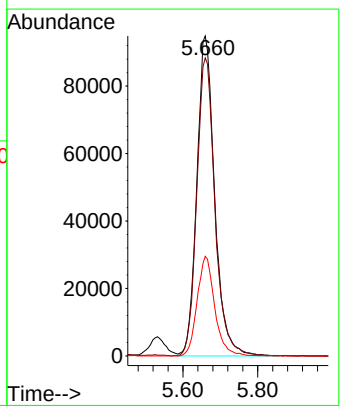
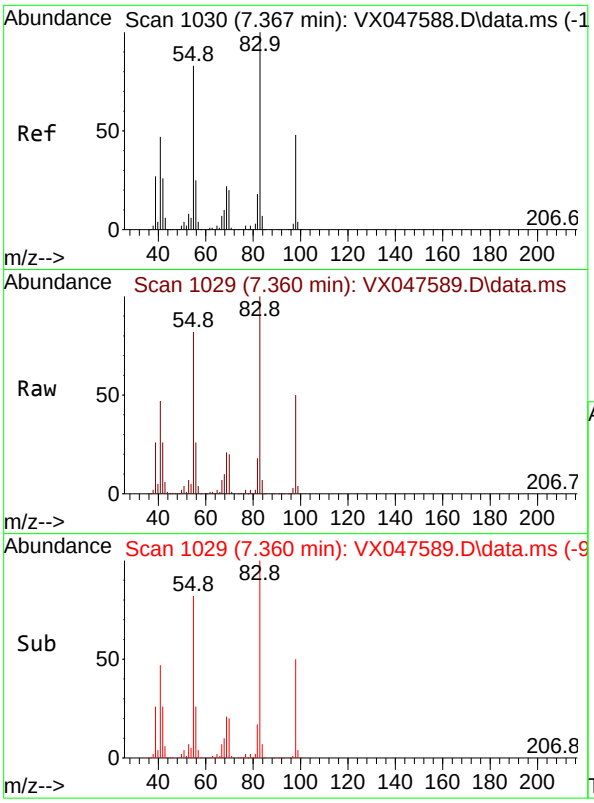


#38
Carbon Tetrachloride
Concen: 98.891 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 314745

Ion	Ratio	Lower	Upper
117	100		
119	93.0	73.4	110.2
121	31.2	23.8	35.6





#39
Methylcyclohexane
Concen: 98.600 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 32785

Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.4	99.6
98	49.8	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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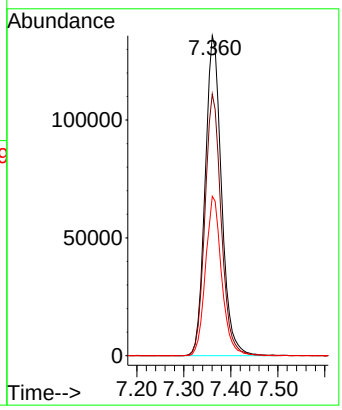
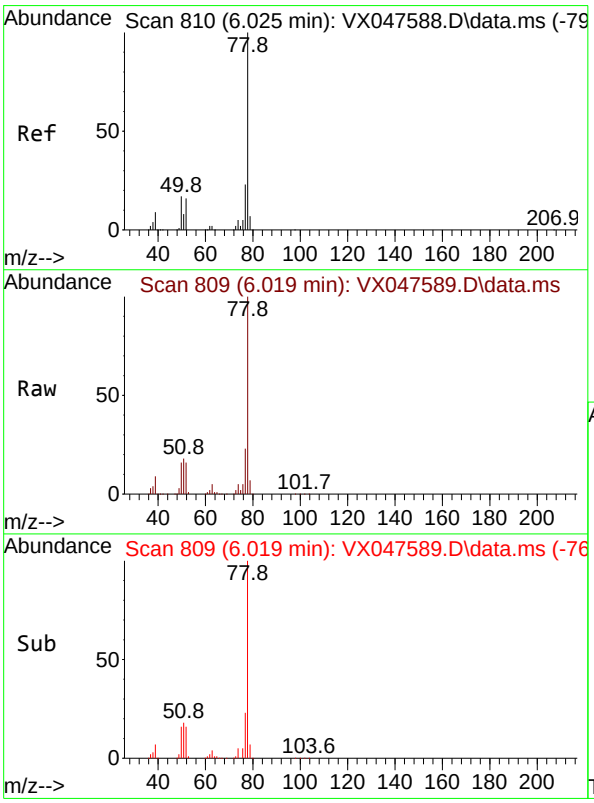
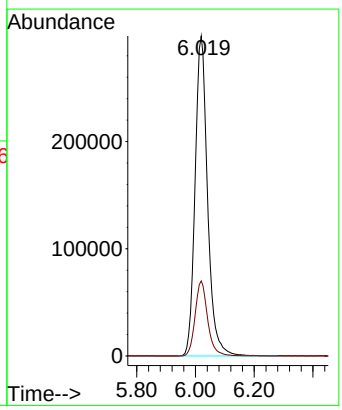


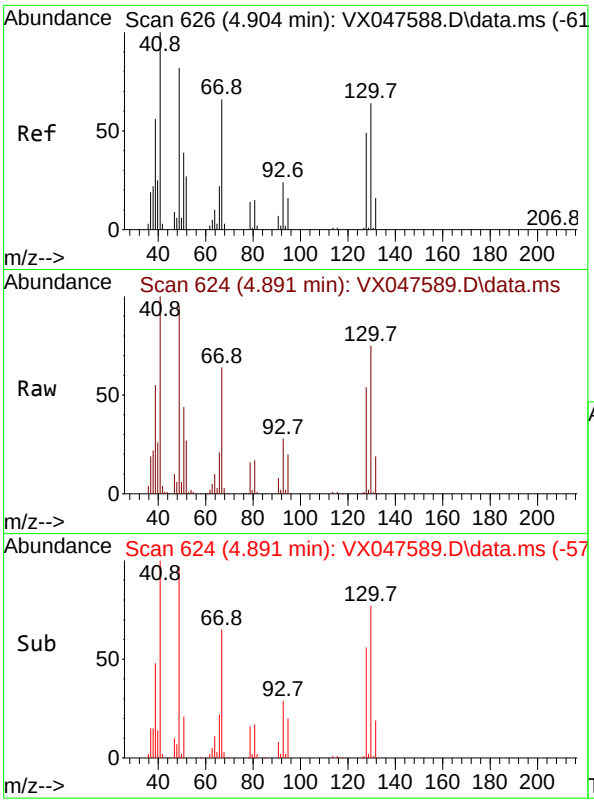


#40
Benzene
Concen: 99.009 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 78 Resp: 880885

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

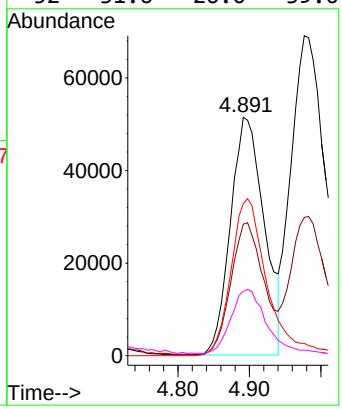




#41
Methacrylonitrile
Concen: 104.220 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 16875

Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	72.1	58.6	87.8
52	31.6	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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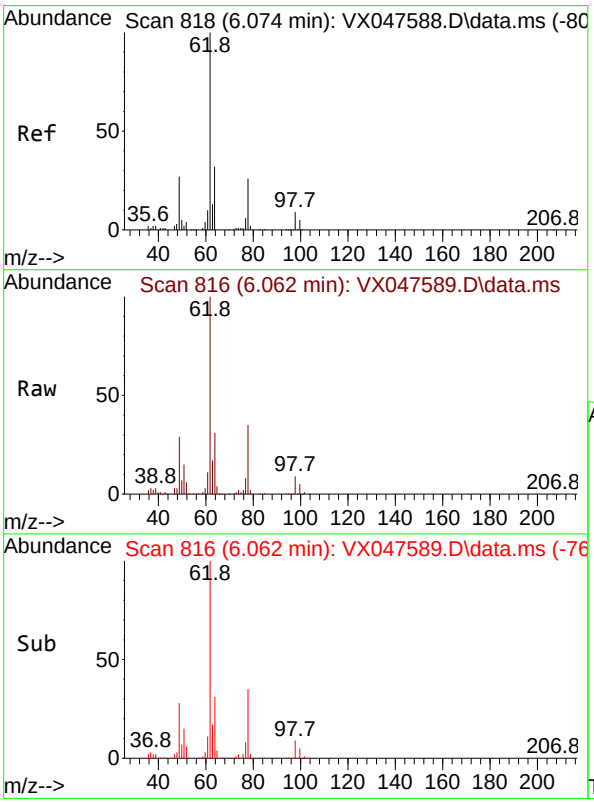
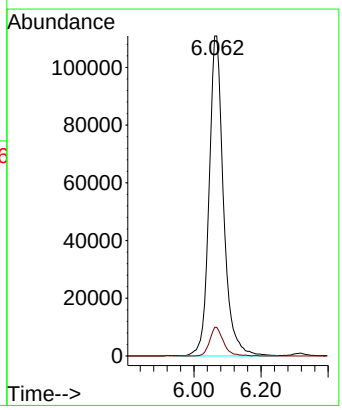
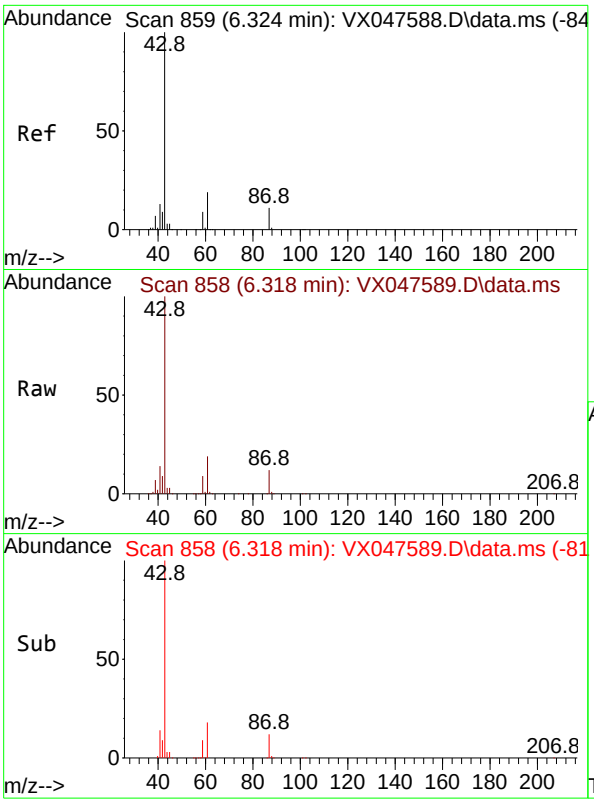


#42
1,2-Dichloroethane
Concen: 97.916 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 331465

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0

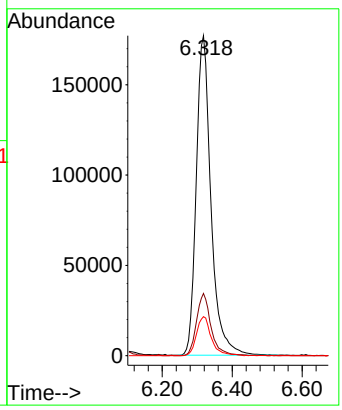




#43
Isopropyl Acetate
Concen: 100.482 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 51687

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.3	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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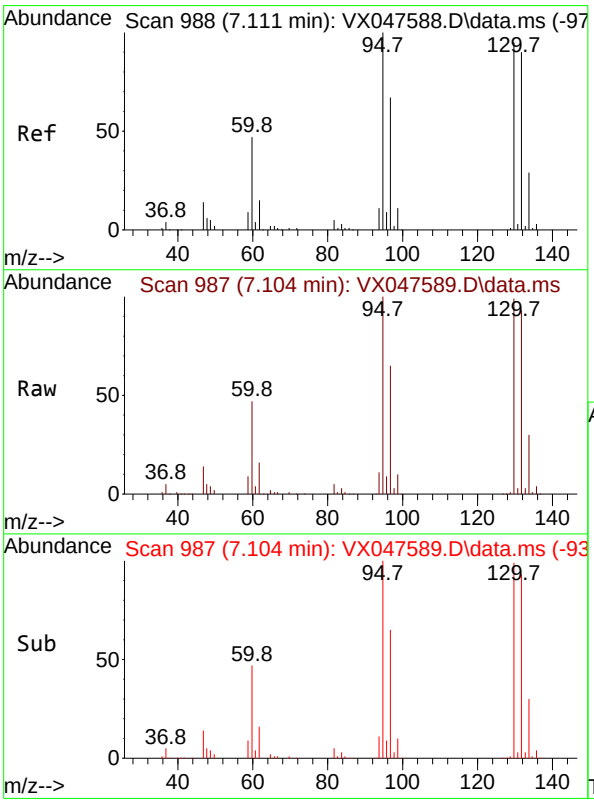
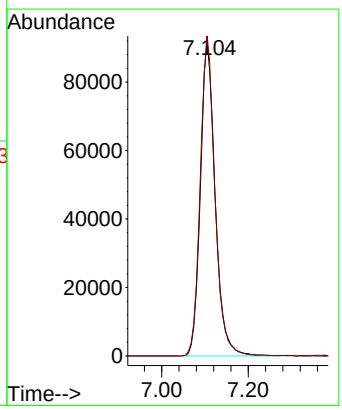
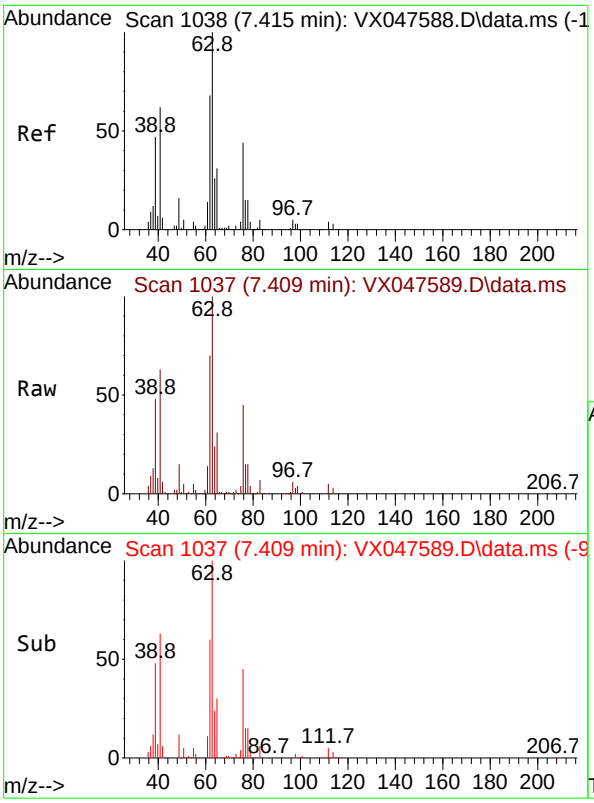


#44
Trichloroethene
Concen: 101.234 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:130 Resp: 217753

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	210.8

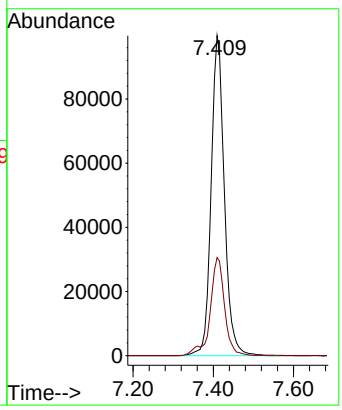




#45
1,2-Dichloropropane
Concen: 100.145 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 22815

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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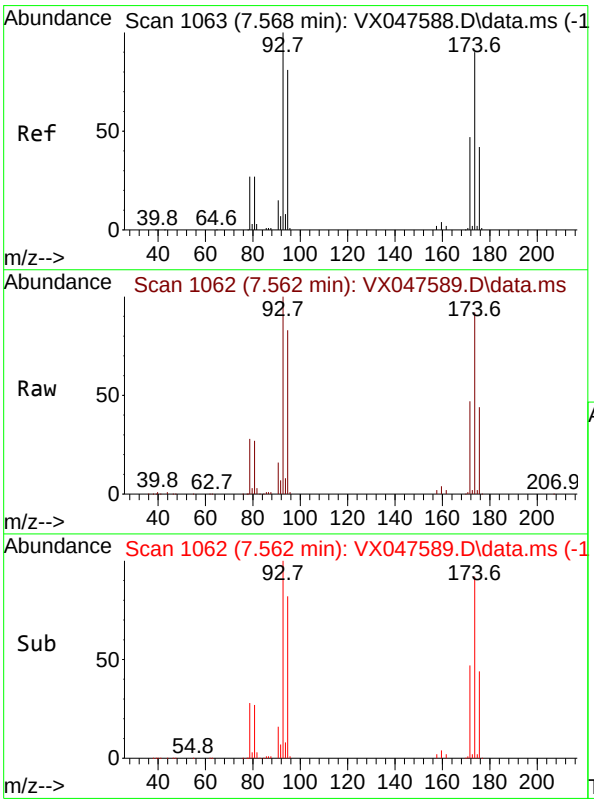
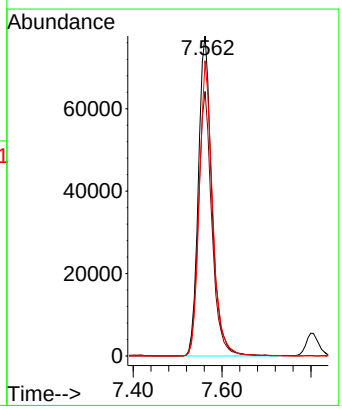
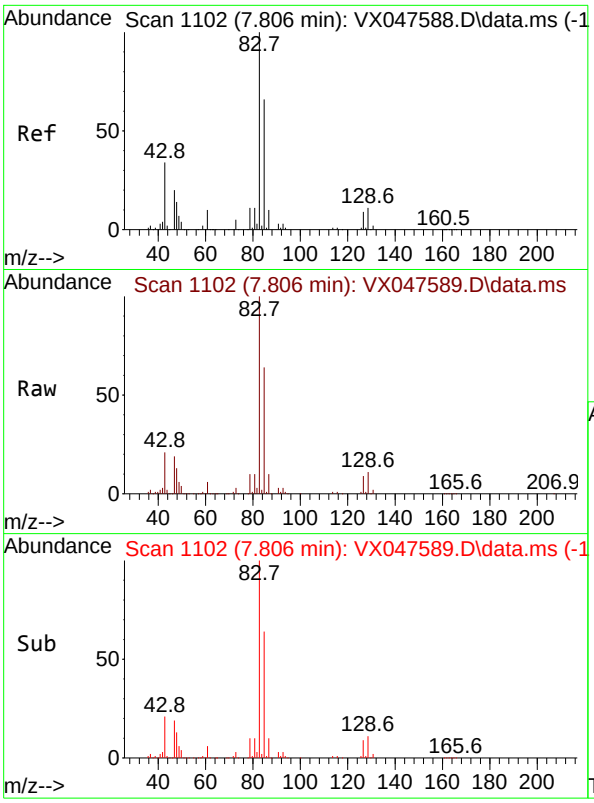


#46
Dibromomethane
Concen: 99.519 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 93 Resp: 164987

Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.0	97.6
174	90.5	71.6	107.4

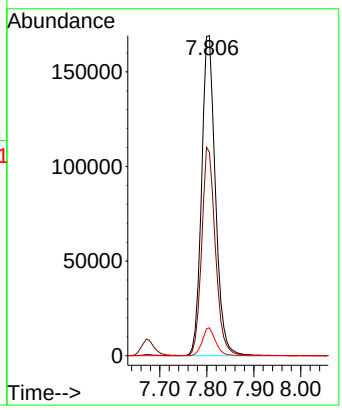




#47
Bromodichloromethane
Concen: 101.136 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 34599

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.7	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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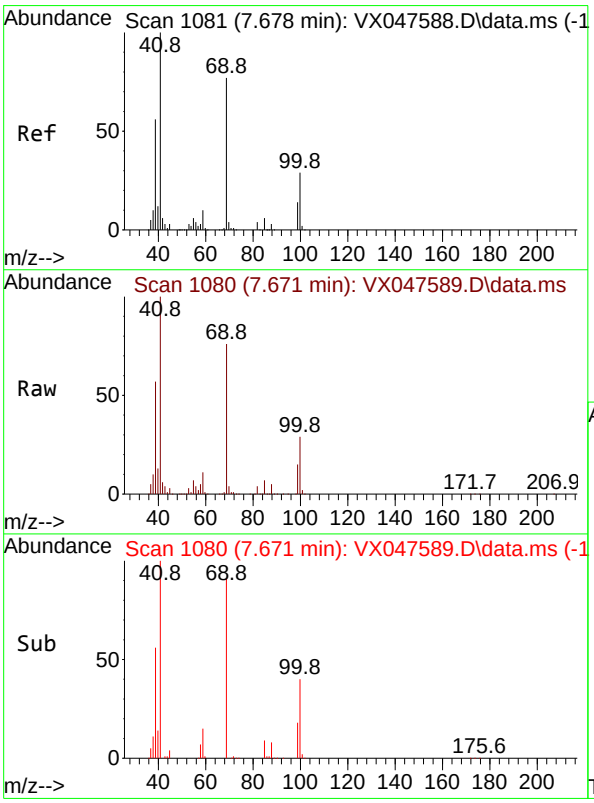
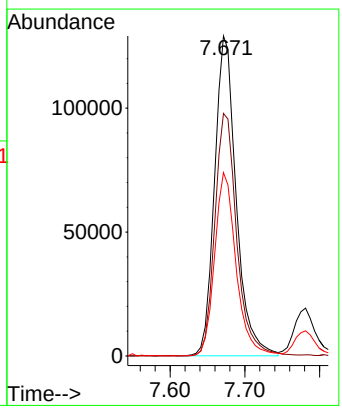
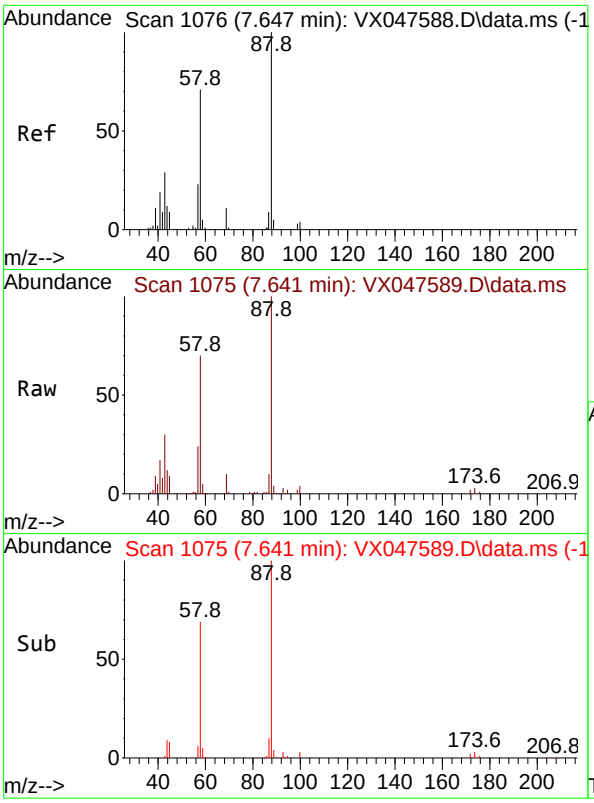


#48
Methyl methacrylate
Concen: 101.612 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 41 Resp: 260358

Ion	Ratio	Lower	Upper
41	100		
69	77.1	61.4	92.2
39	57.0	45.8	68.6

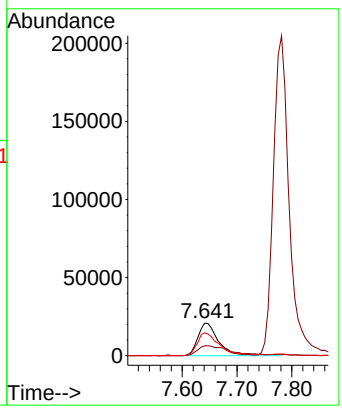




#49
1,4-Dioxane
Concen: 2190.315 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 88 Resp: 5671

Ion	Ratio	Lower	Upper
88	100		
43	39.4	30.2	45.2
58	74.0	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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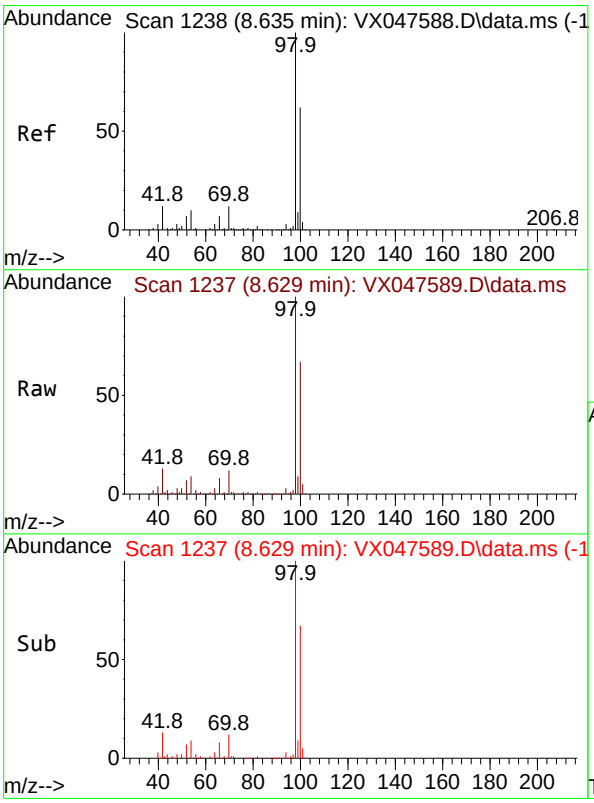
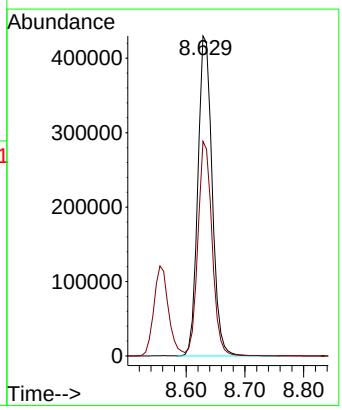
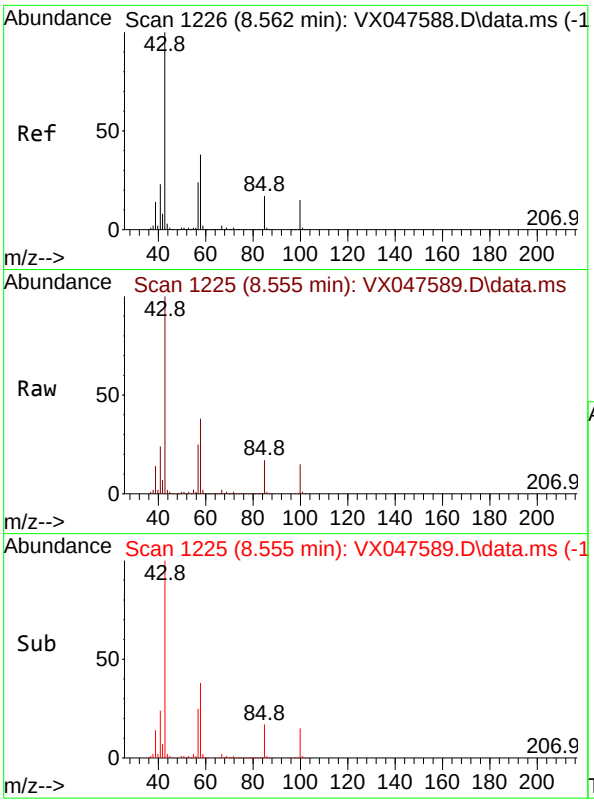


#50
Toluene-d8
Concen: 104.386 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 98 Resp: 724078

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

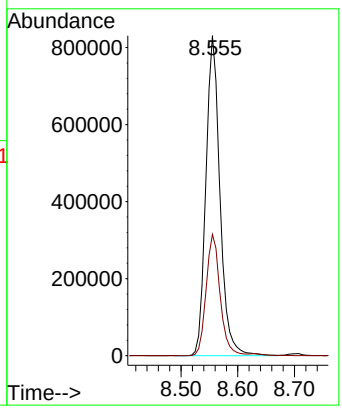




#51
4-Methyl-2-Pentanone
Concen: 501.834 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 143125

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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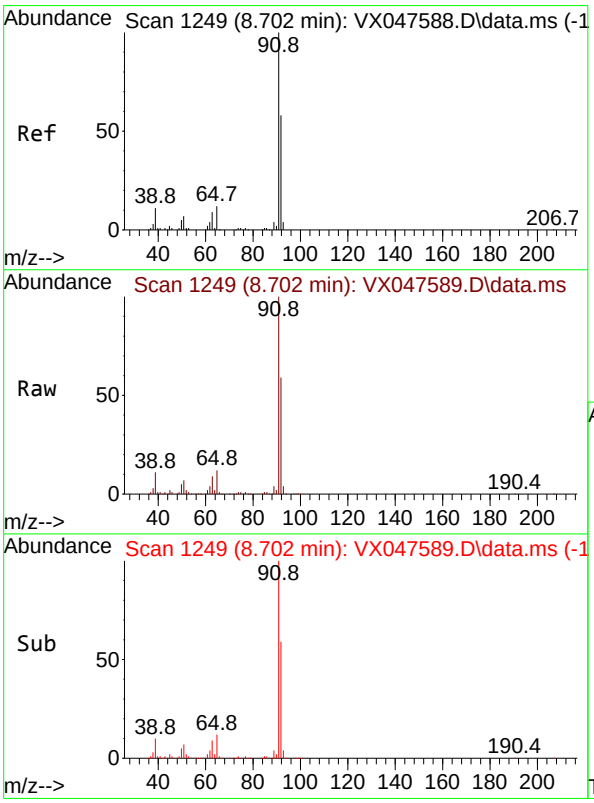
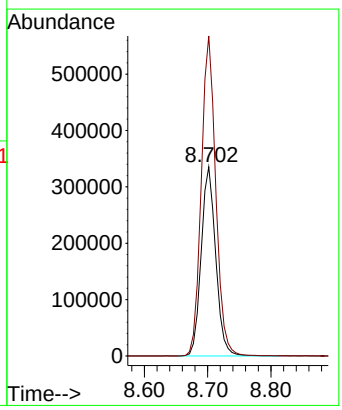
Supervised By :Mahesh Dadoda 09/18/2025

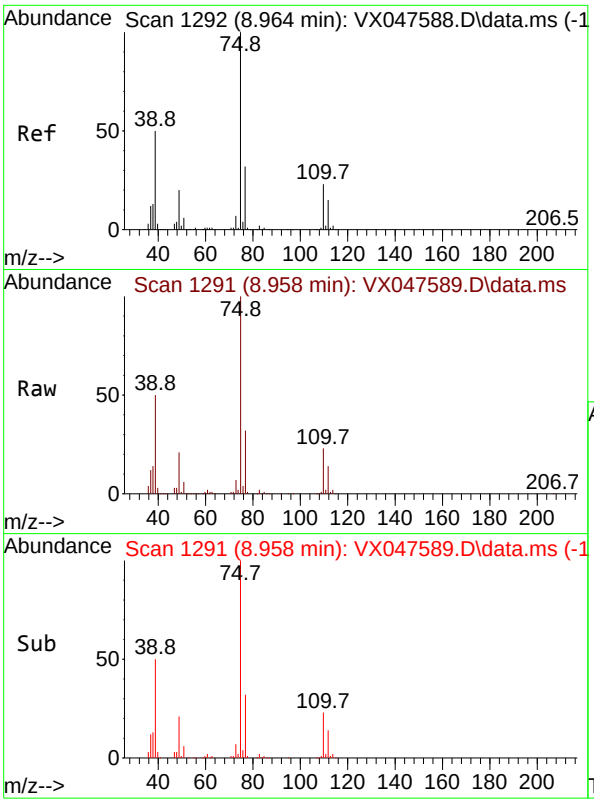


#52
Toluene
Concen: 97.811 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 92 Resp: 536148

Ion	Ratio	Lower	Upper
92	100		
91	169.3	137.1	205.7

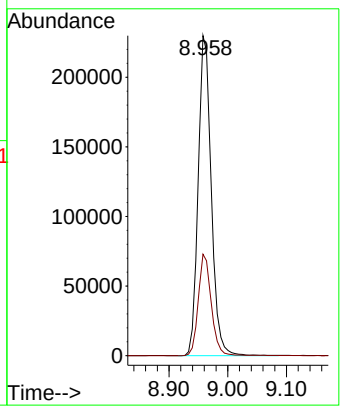




#53
t-1,3-Dichloropropene
Concen: 101.986 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 35588

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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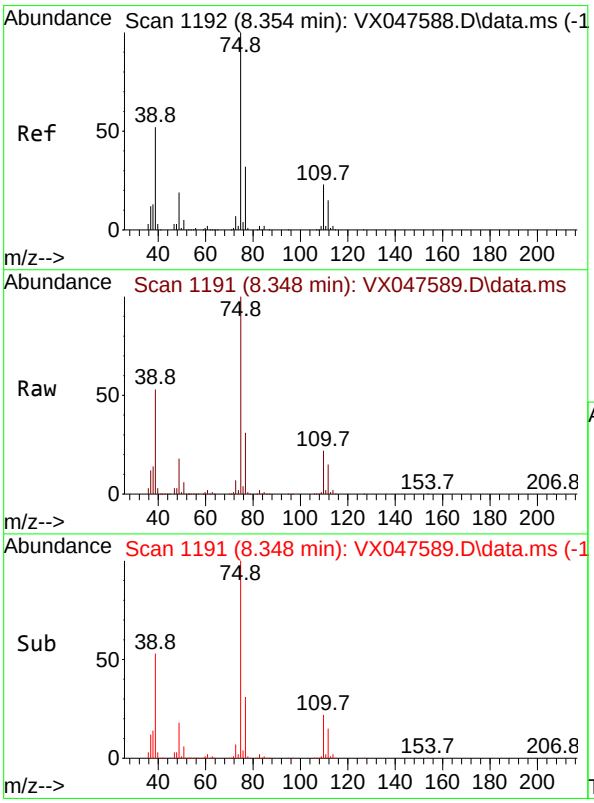
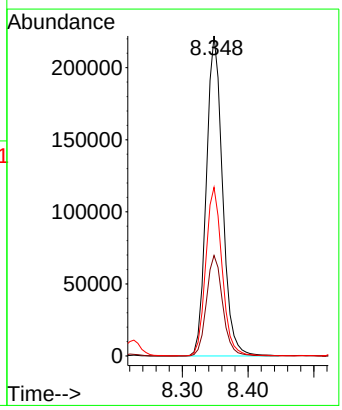
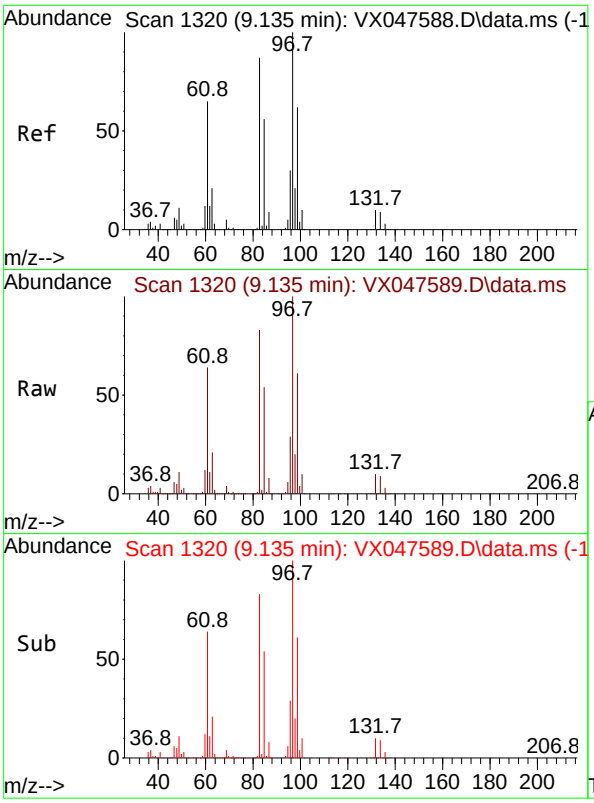


#54
cis-1,3-Dichloropropene
Concen: 102.038 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 380577

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	52.3	41.4	62.2

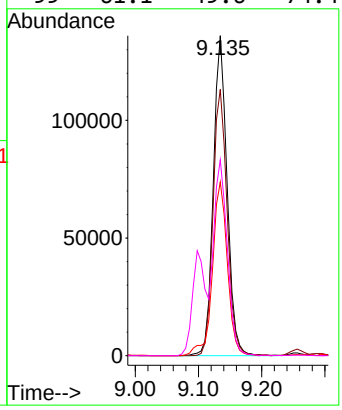




#55
1,1,2-Trichloroethane
Concen: 97.434 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 97 Resp: 20593

Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.6	104.4
85	54.3	45.0	67.6
99	61.1	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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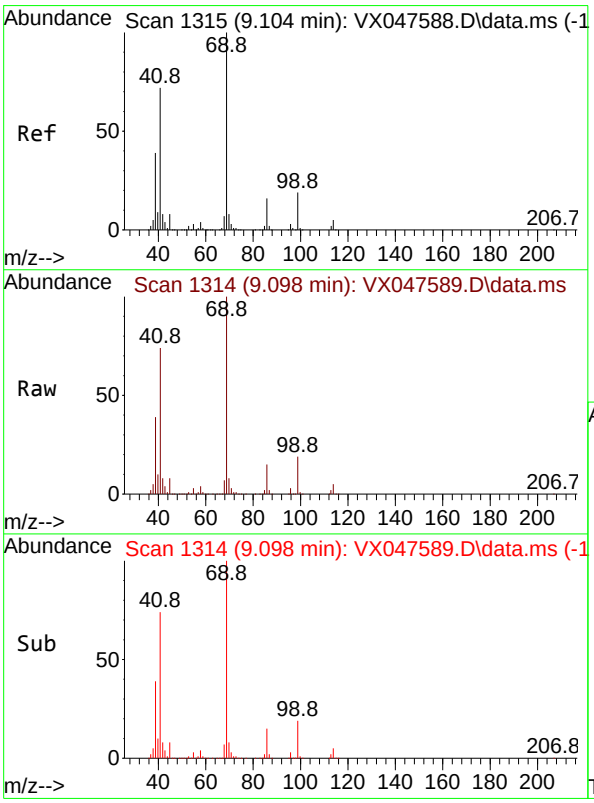
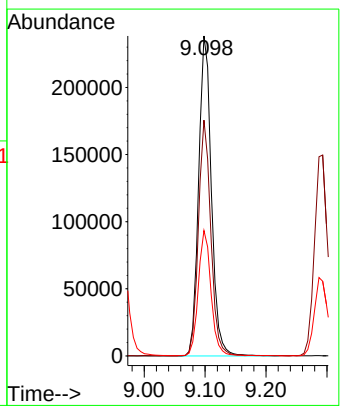
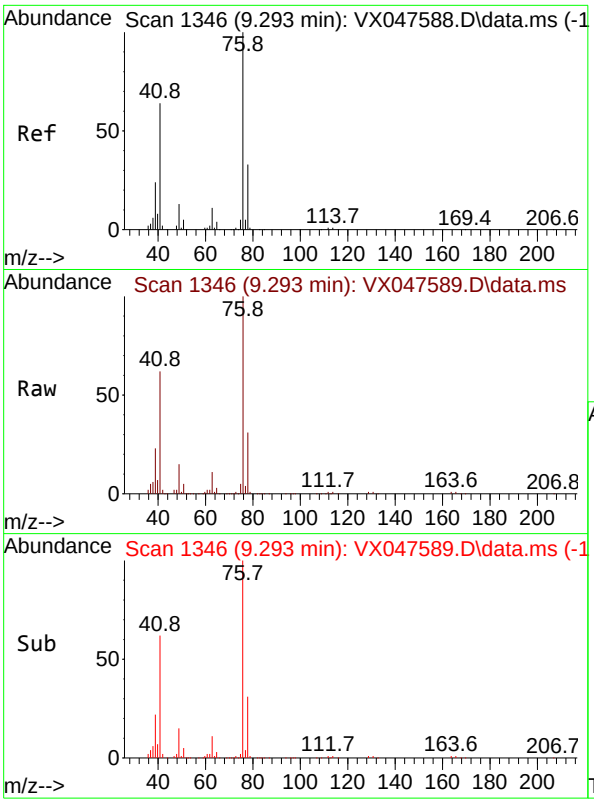


#56
Ethyl methacrylate
Concen: 104.435 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 69 Resp: 346659

Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3

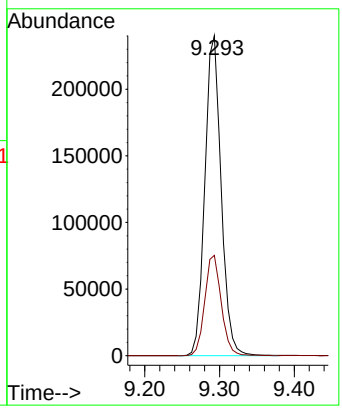




#57
1,3-Dichloropropane
Concen: 99.935 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 76 Resp: 36284

Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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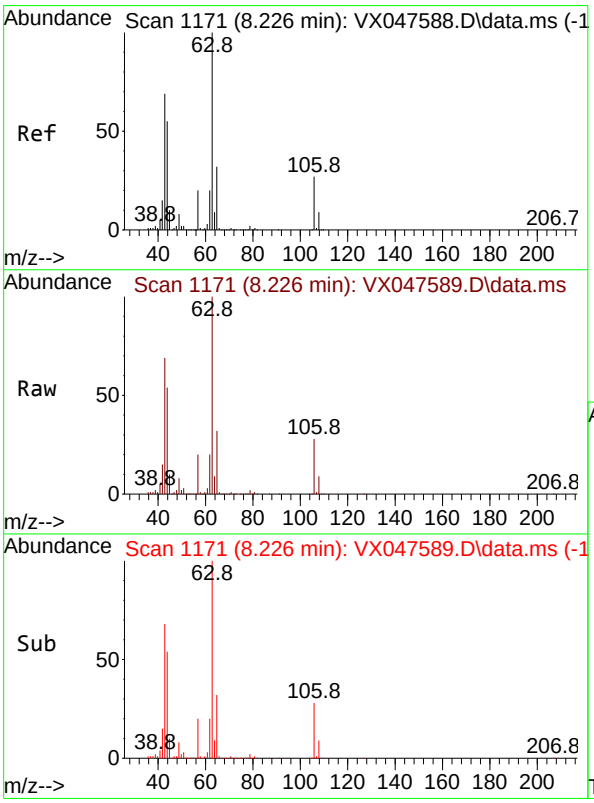
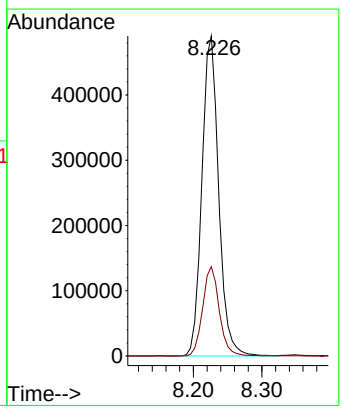
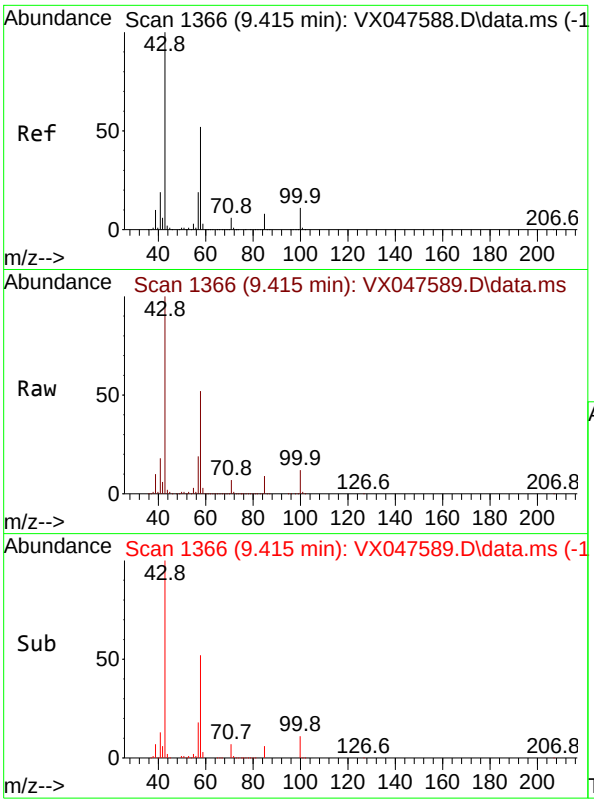


#58
2-Chloroethyl Vinyl ether
Concen: 499.814 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 836362

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9





#59
2-Hexanone
Concen: 486.380 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 99627

Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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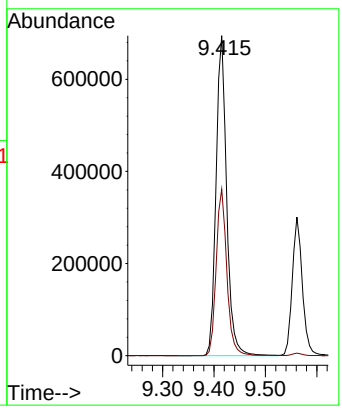
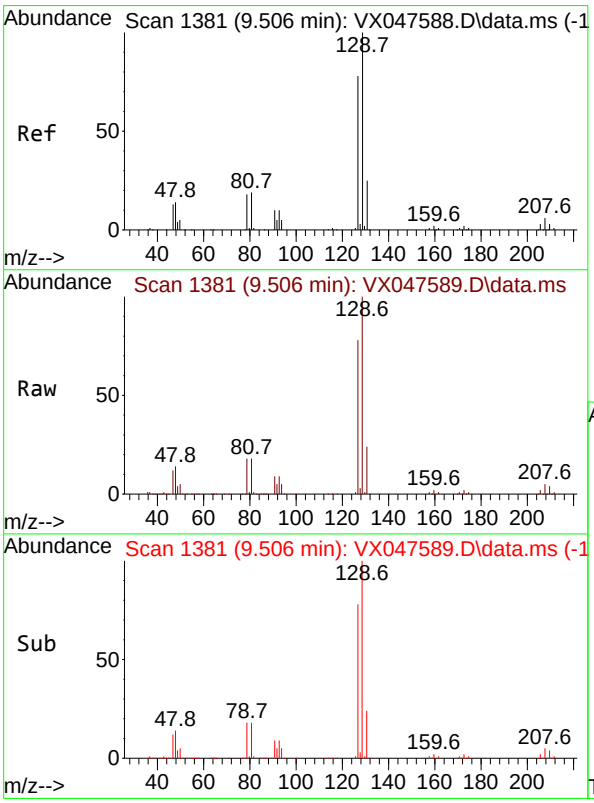
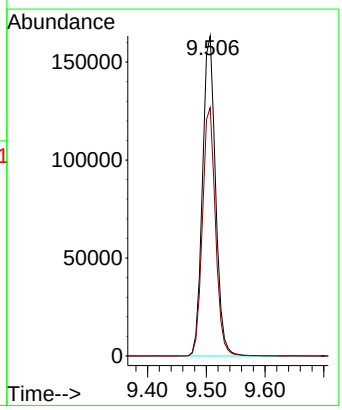


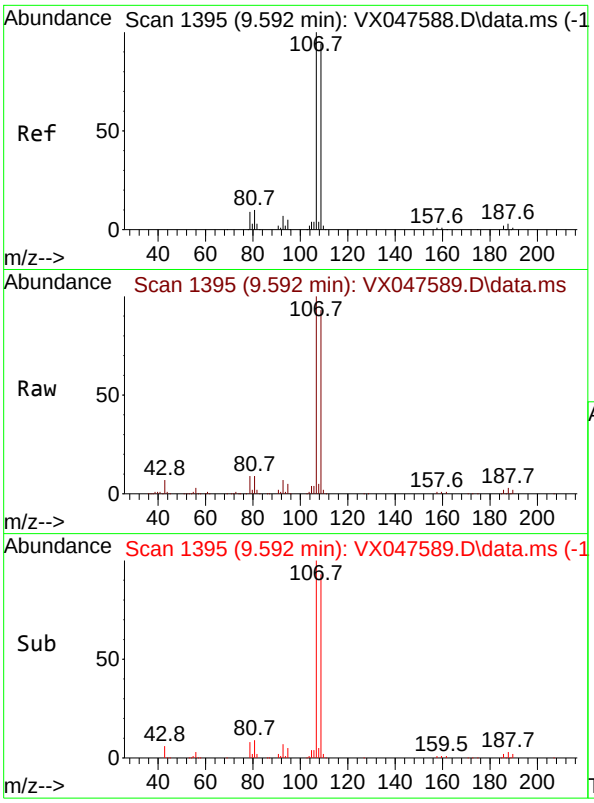


#60
Dibromochloromethane
Concen: 103.226 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:129 Resp: 251394

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.4	115.2

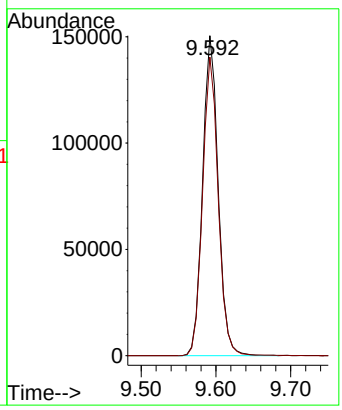




#61
1,2-Dibromoethane
Concen: 101.147 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:107 Resp: 21775

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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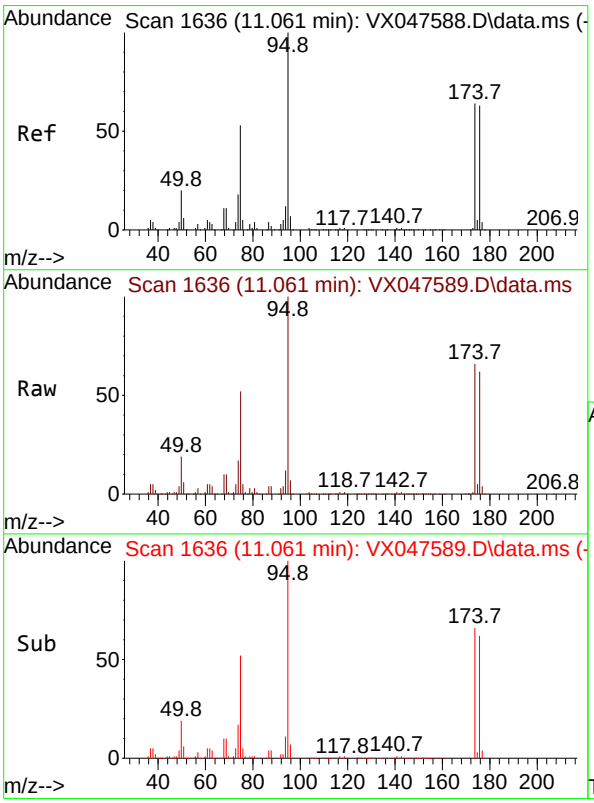
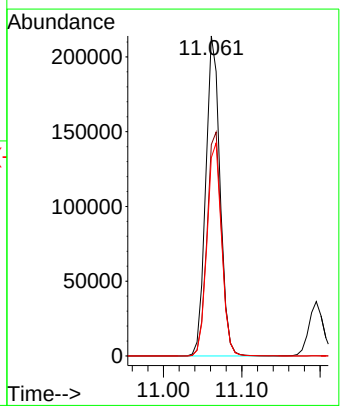
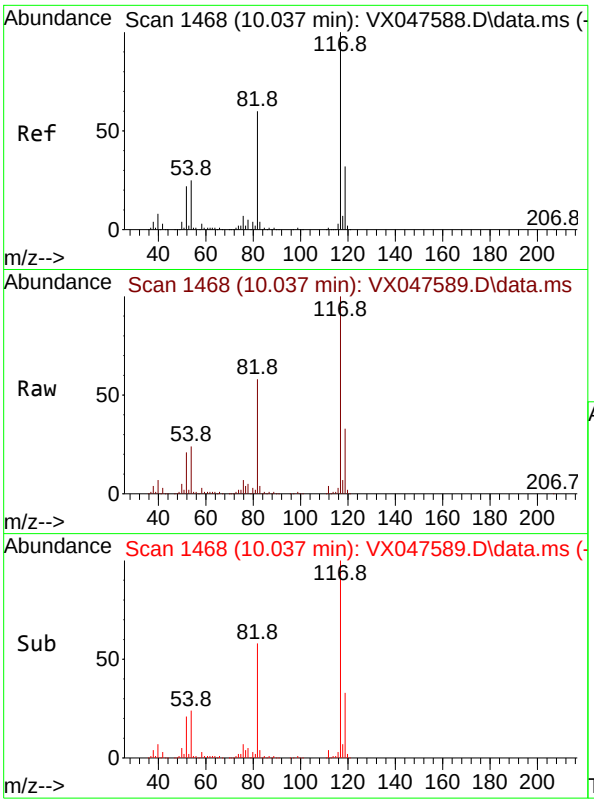


#62
4-Bromofluorobenzene
Concen: 102.672 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 95 Resp: 270289

Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	141.6
176	68.0	0.0	138.4

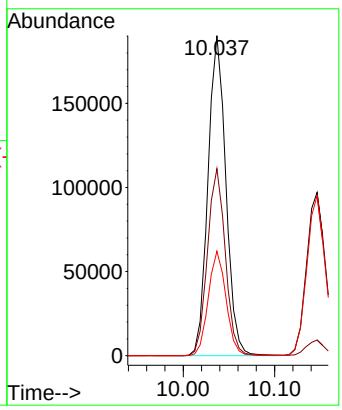




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 25839

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	32.7	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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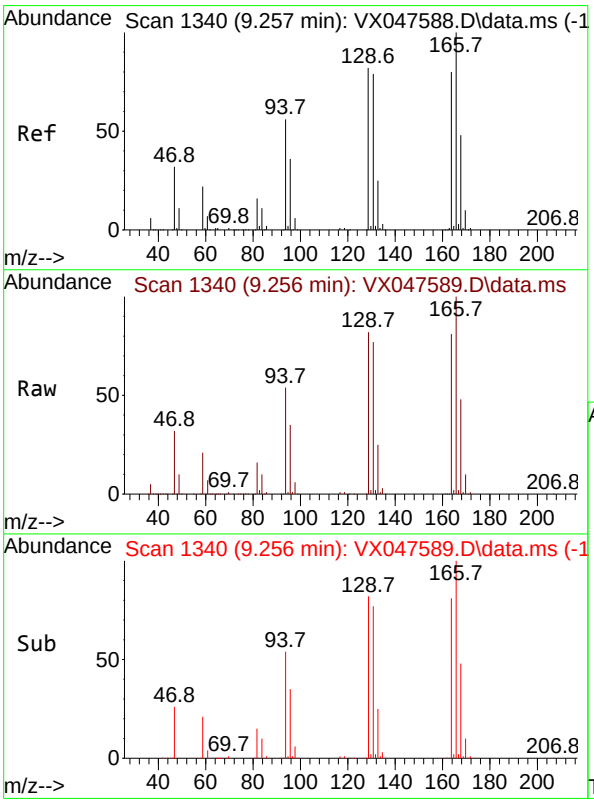
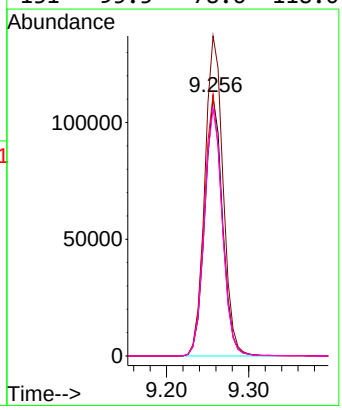
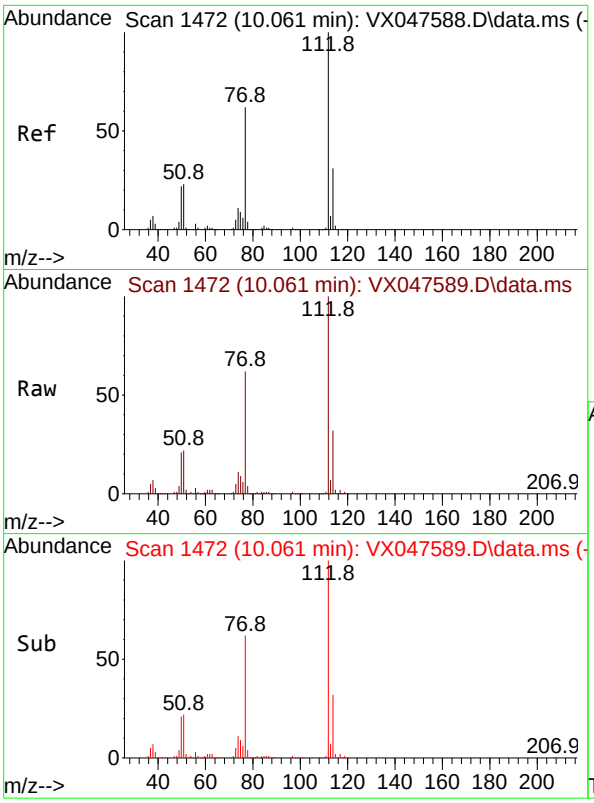


#64
Tetrachloroethene
Concen: 98.284 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:164 Resp: 165559

Ion	Ratio	Lower	Upper
164	100		
166	123.6	100.2	150.2
129	100.9	81.8	122.6
131	95.5	78.6	118.0

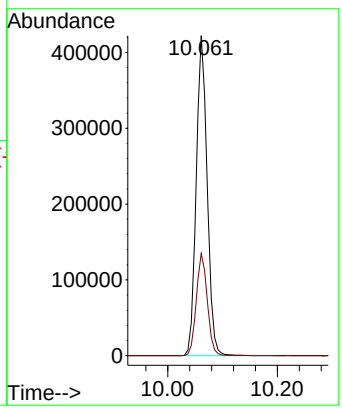




#65
Chlorobenzene
Concen: 100.253 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:112 Resp: 58851

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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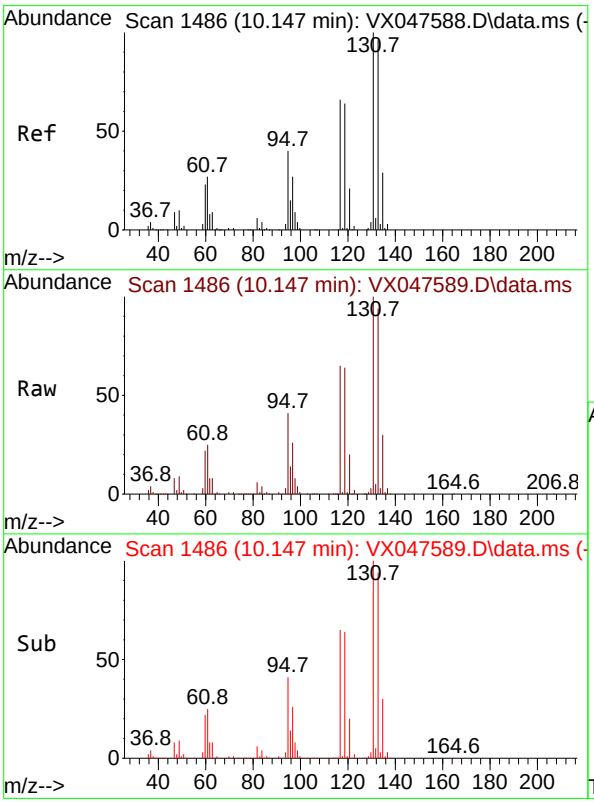
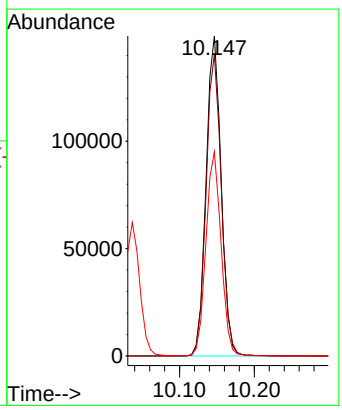
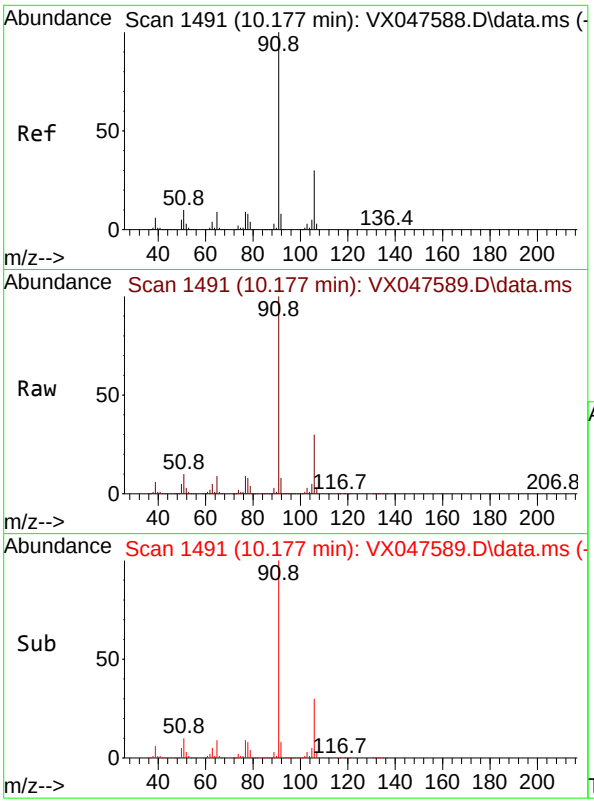


#66
1,1,1,2-Tetrachloroethane
Concen: 102.988 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:131 Resp: 208621

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	142.0
119	64.2	32.0	96.0

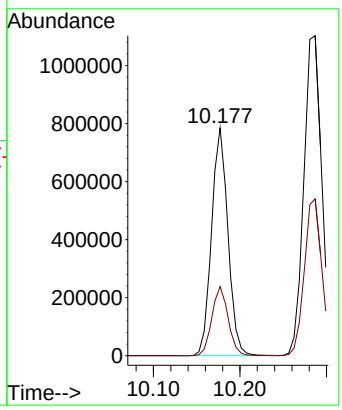




#67
Ethyl Benzene
Concen: 101.823 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 103134

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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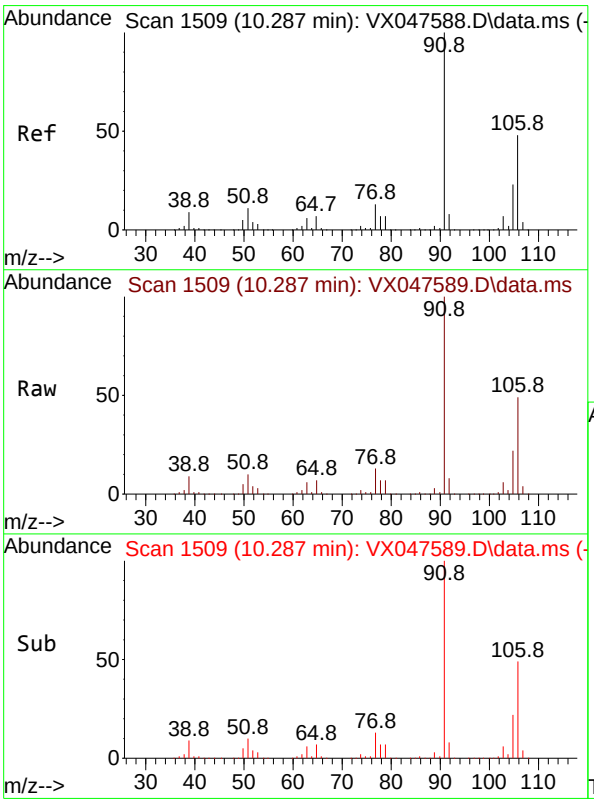
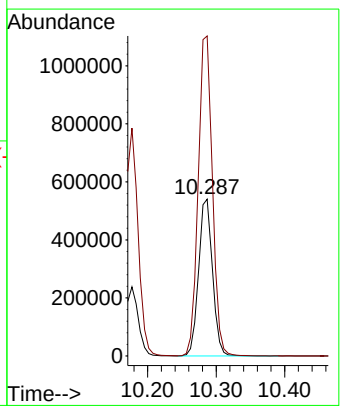
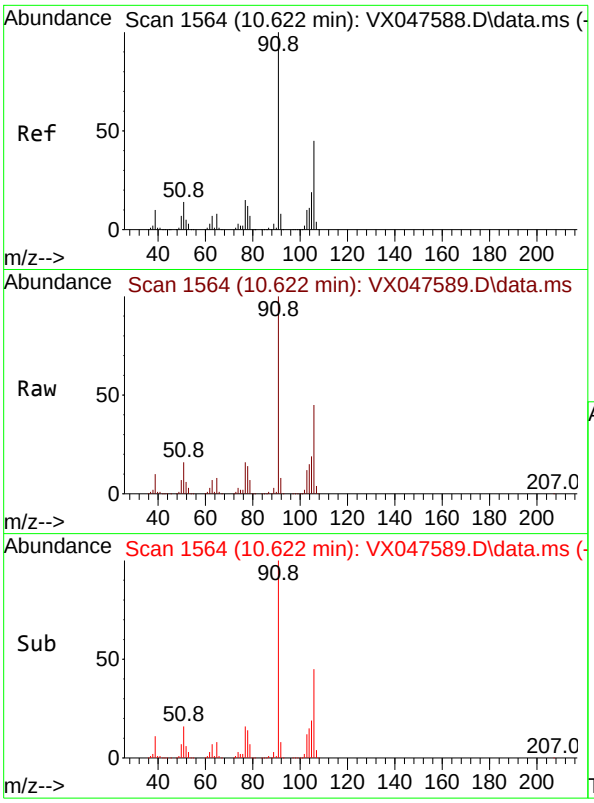


#68
m/p-Xylenes
Concen: 202.624 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 763898

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8

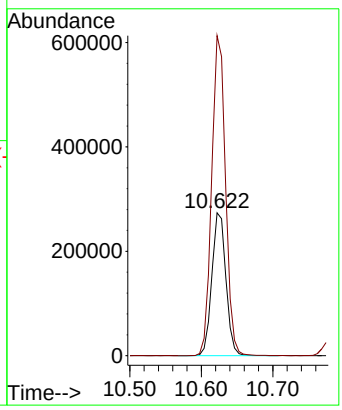




#69
o-Xylene
Concen: 102.186 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 37262

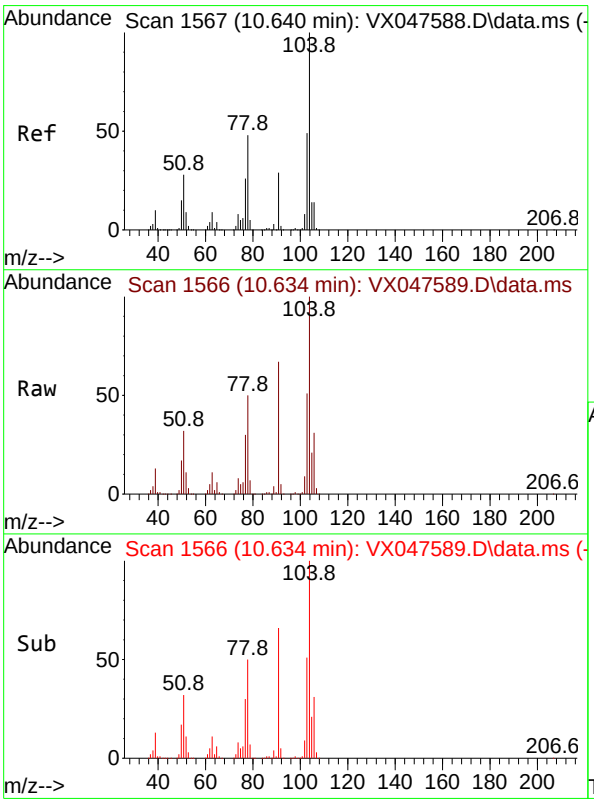
Ion	Ratio	Lower	Upper
106	100		
91	221.3	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

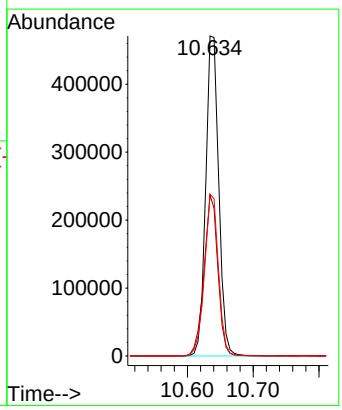
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

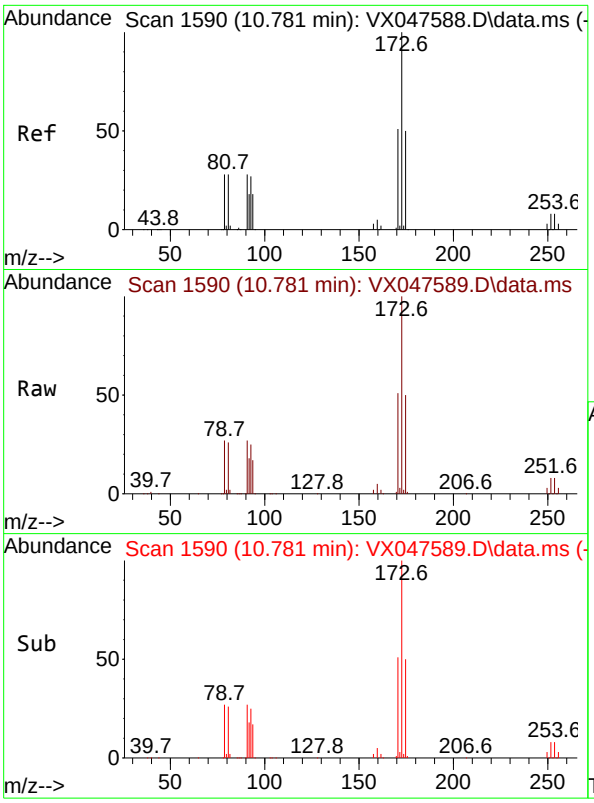


#70
Styrene
Concen: 101.710 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:104 Resp: 649863

Ion	Ratio	Lower	Upper
104	100		
78	53.5	43.1	64.7
103	54.1	43.1	64.7

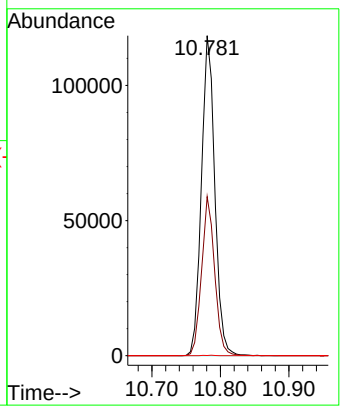




#71
Bromoform
Concen: 106.566 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:173 Resp: 16118

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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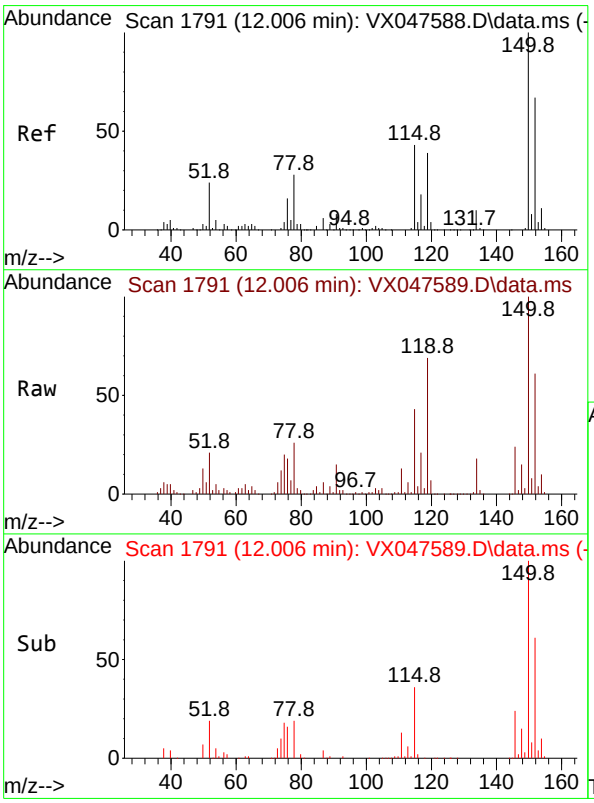
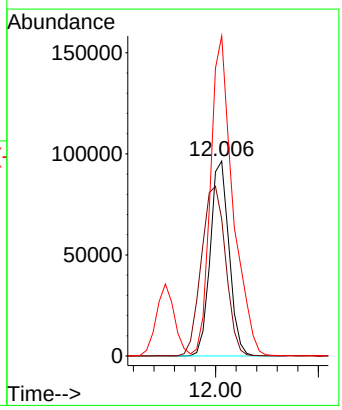
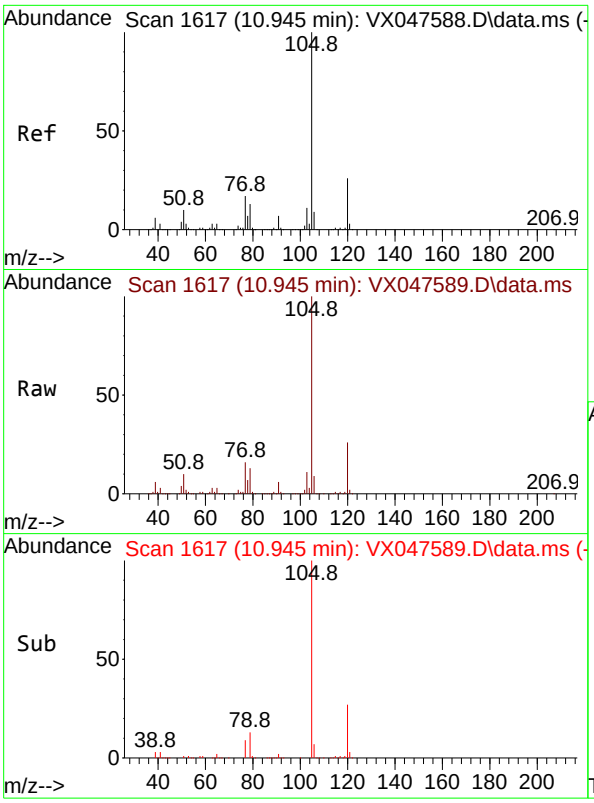


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:152 Resp: 122218

Ion	Ratio	Lower	Upper
152	100		
115	112.6	44.9	134.5
150	195.0	0.0	352.0

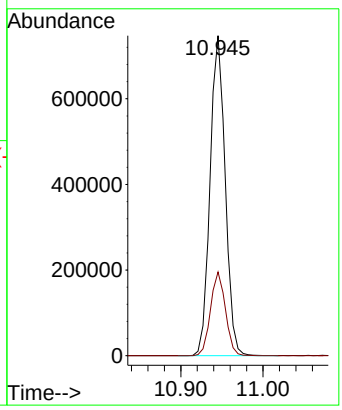




#73
Isopropylbenzene
Concen: 102.768 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 95490

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4



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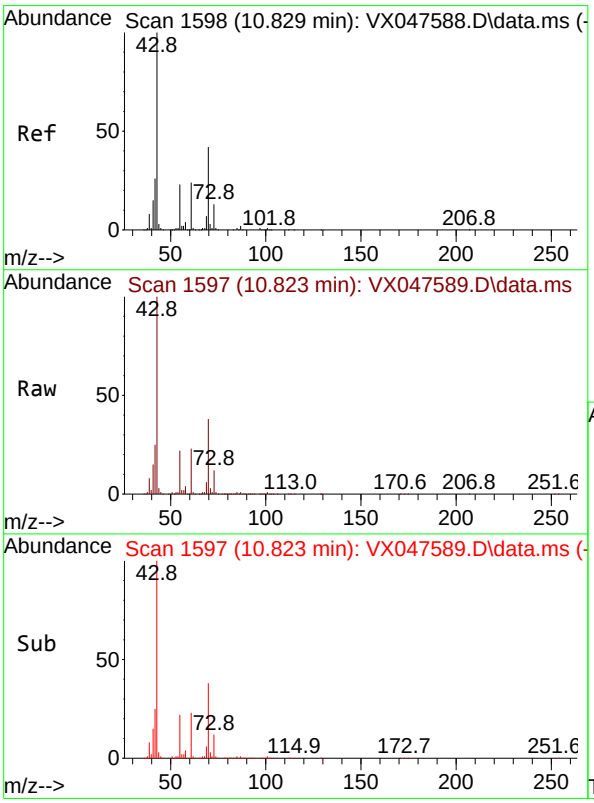
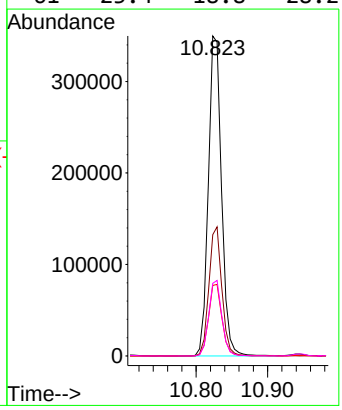
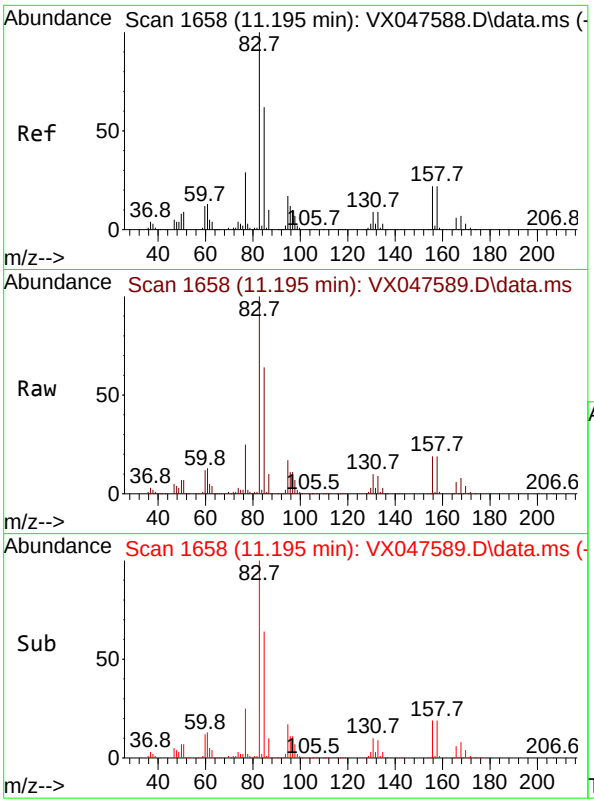


#74
N-amyl acetate
Concen: 105.812 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 448344

Ion	Ratio	Lower	Upper
43	100		
70	39.6	32.0	48.0
55	22.8	18.9	28.3
61	23.4	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 100.172 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 28160

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	65.1	31.6	95.0

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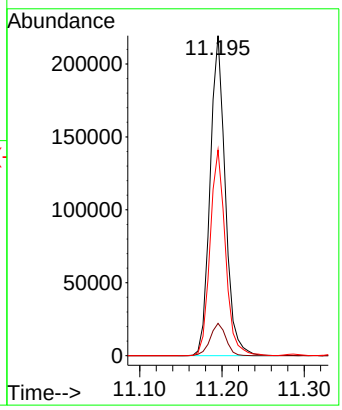
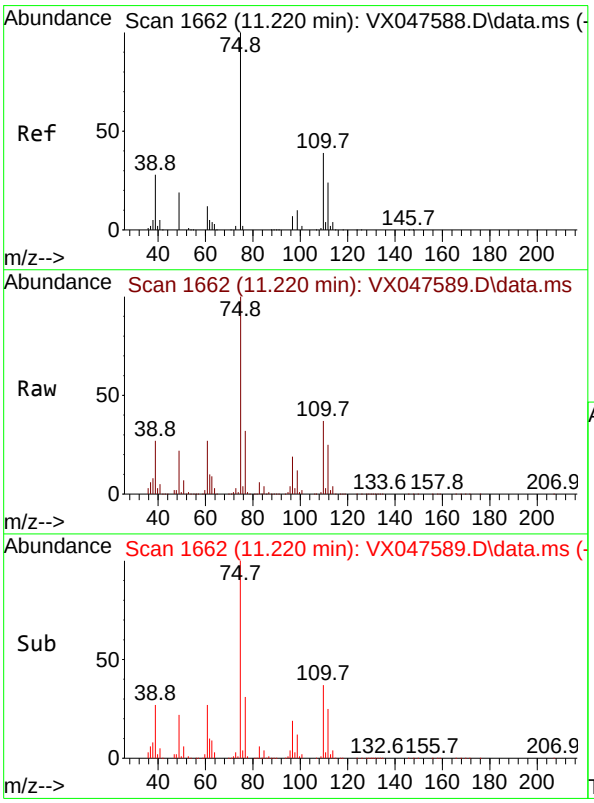
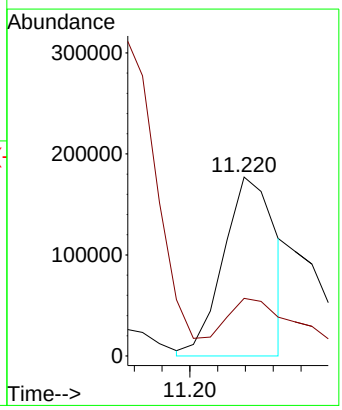


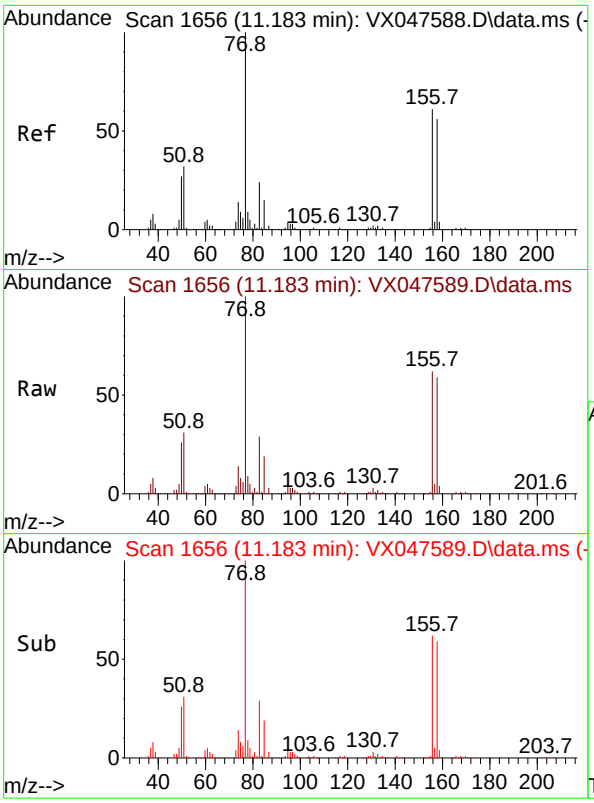


#76
1,2,3-Trichloropropane
Concen: 90.444 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 229521

Ion	Ratio	Lower	Upper
75	100		
77	43.9	18.8	56.4

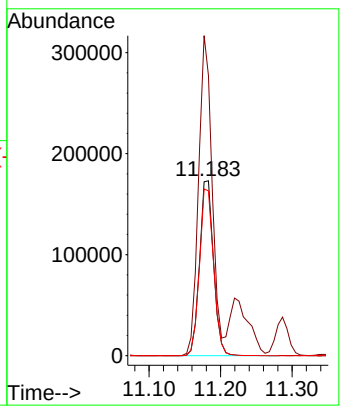




#77
Bromobenzene
Concen: 102.541 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:156 Resp: 23466

Ion	Ratio	Lower	Upper
156	100		
77	176.0	89.7	269.1
158	96.5	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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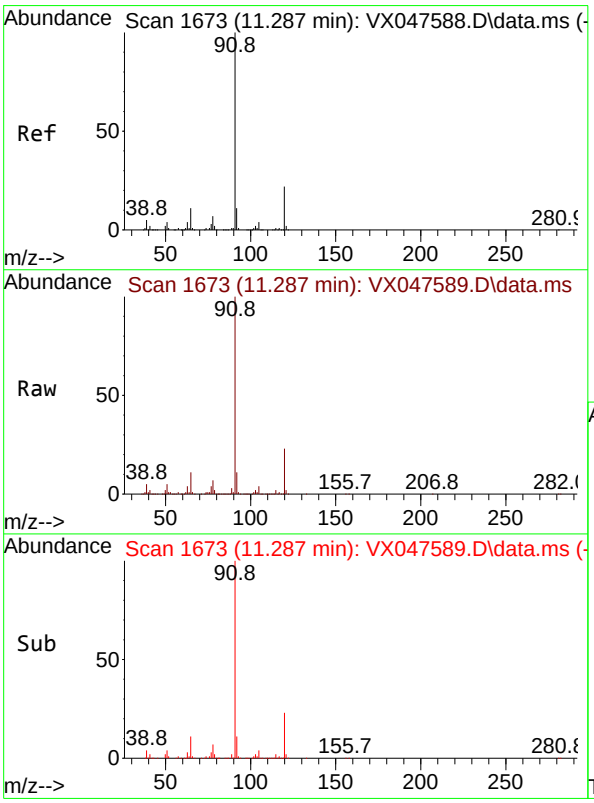
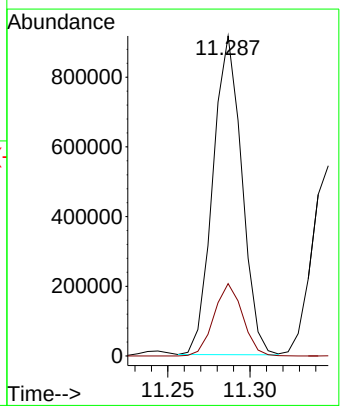
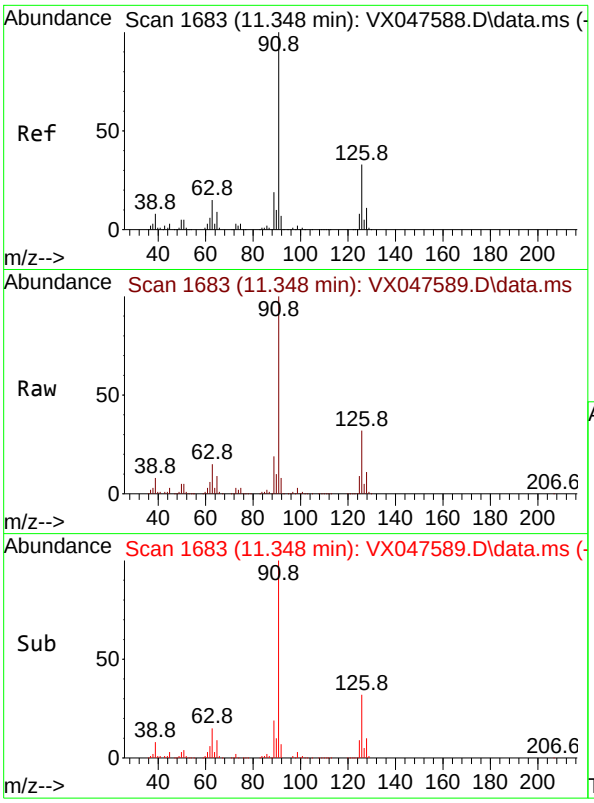


#78
n-propylbenzene
Concen: 101.941 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 1119728

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

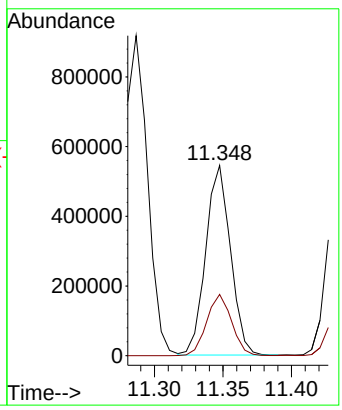




#79
2-Chlorotoluene
Concen: 101.652 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 68386

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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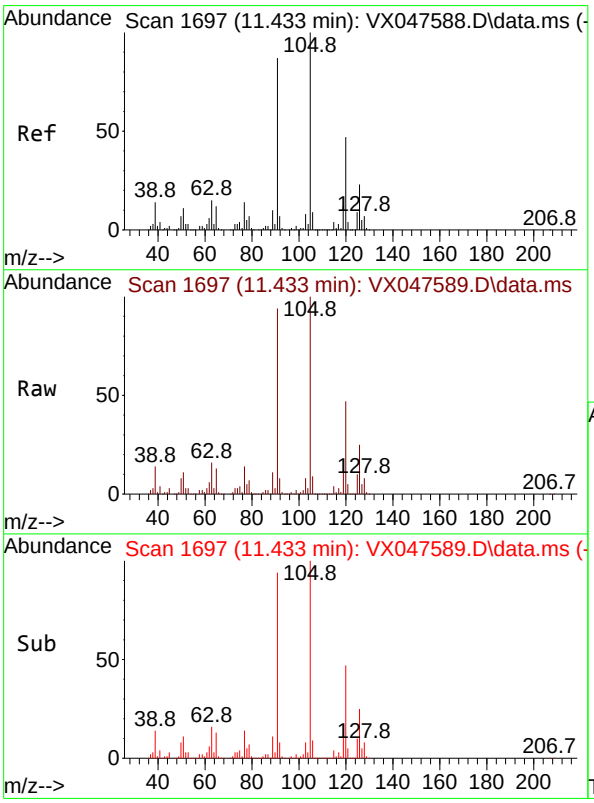
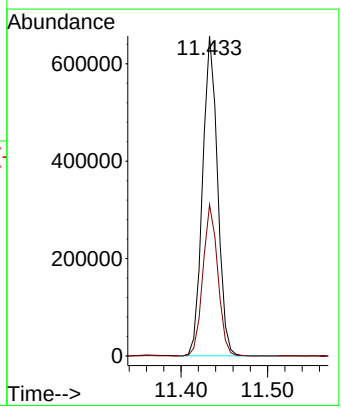
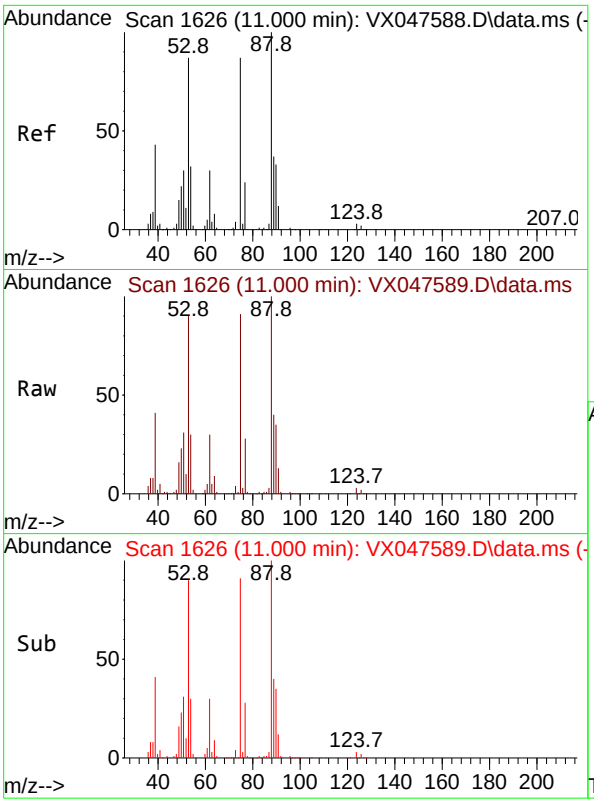


#80
1,3,5-Trimethylbenzene
Concen: 103.134 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 787327

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8

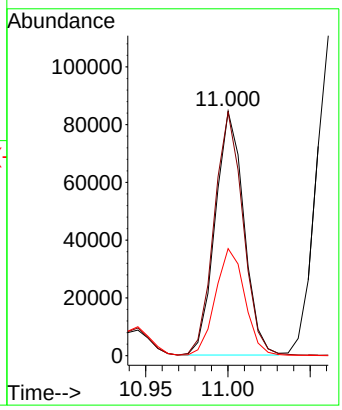




#81
trans-1,4-Dichloro-2-butene
Concen: 105.689 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 10255

Ion	Ratio	Lower	Upper
75	100		
53	101.1	83.4	125.2
89	45.3	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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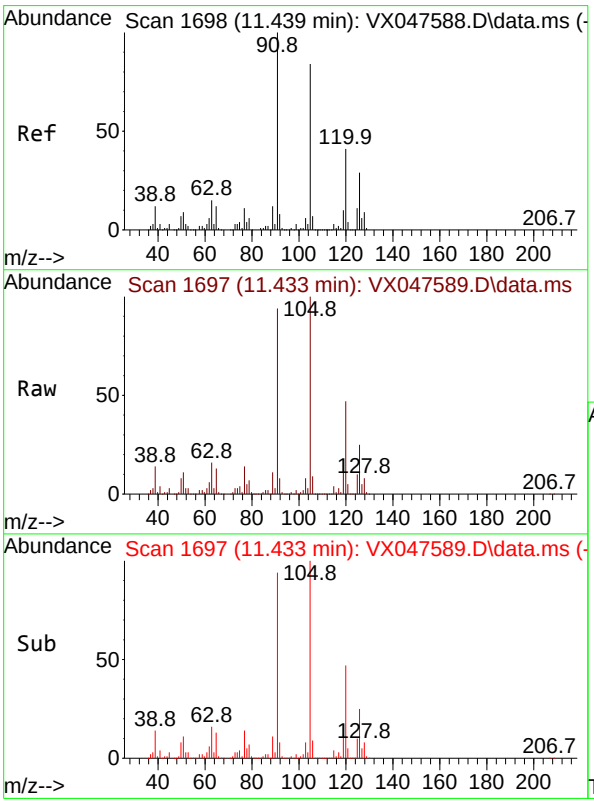
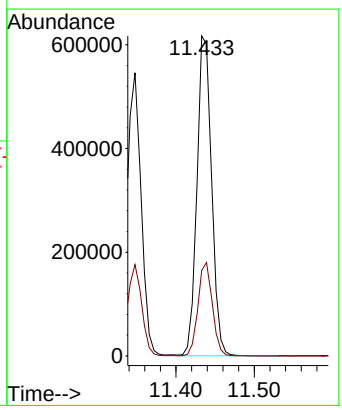
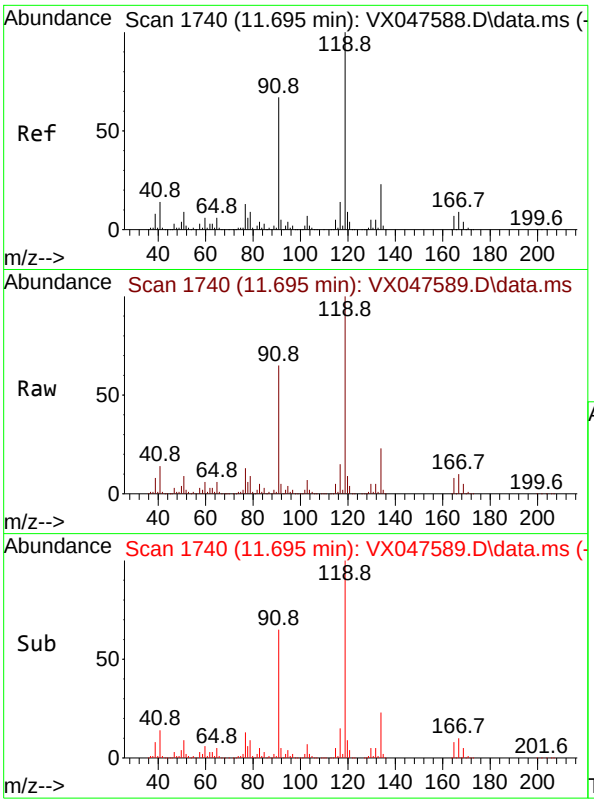


#82
4-Chlorotoluene
Concen: 101.054 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 802929

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

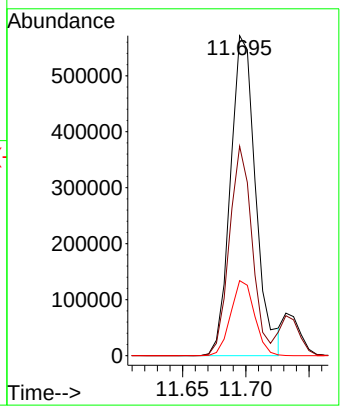




#83
tert-Butylbenzene
Concen: 101.333 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:119 Resp: 79189

Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.6	88.8
134	22.3	11.0	33.0



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ClientSampleId :
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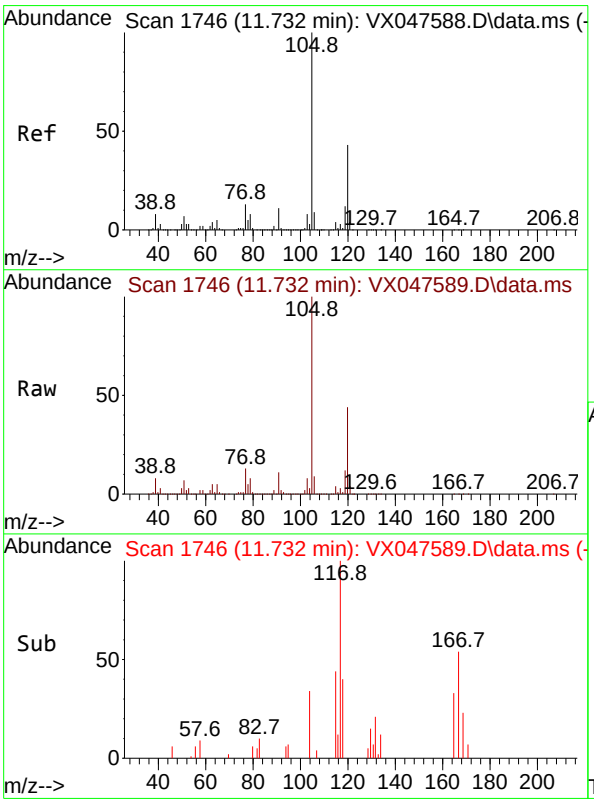
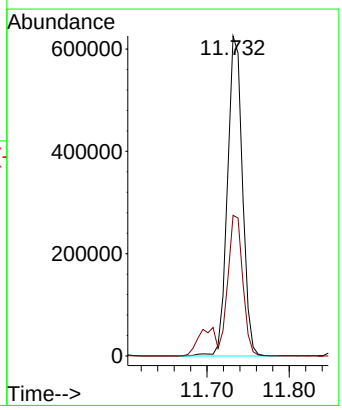
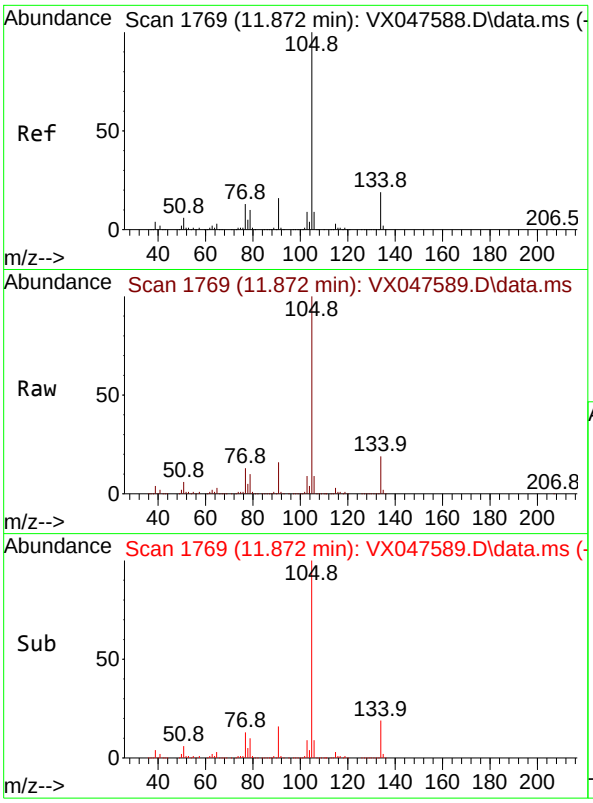


#84
1,2,4-Trimethylbenzene
Concen: 102.144 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 790557

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1

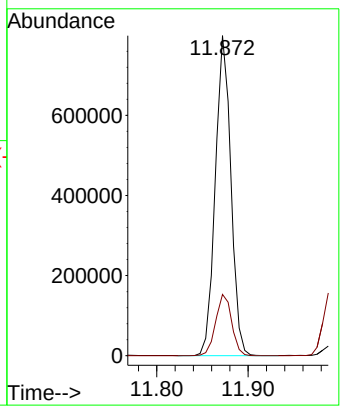




#85
sec-Butylbenzene
Concen: 101.840 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 94532

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



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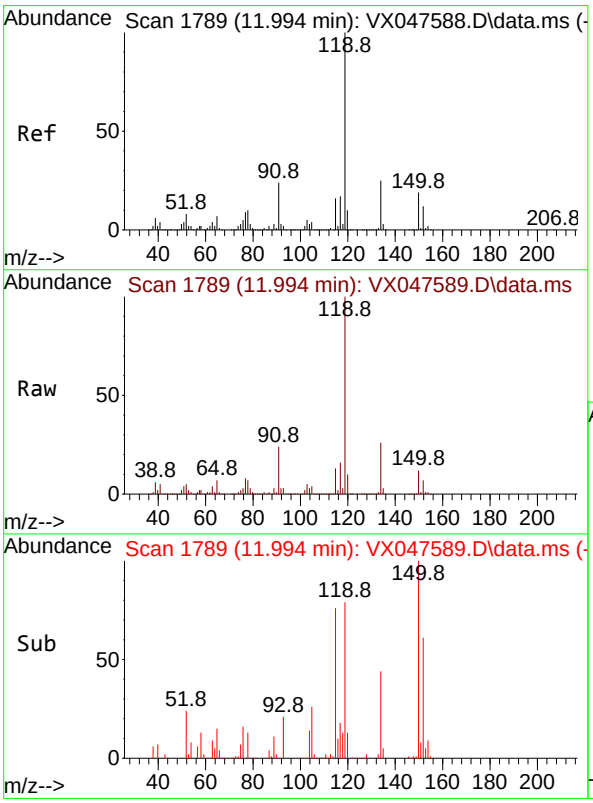
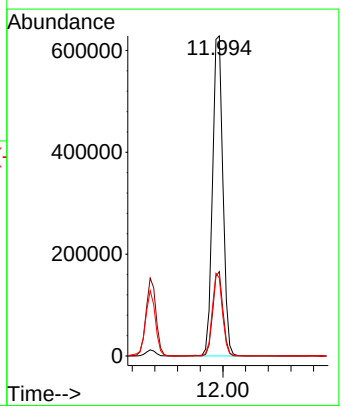
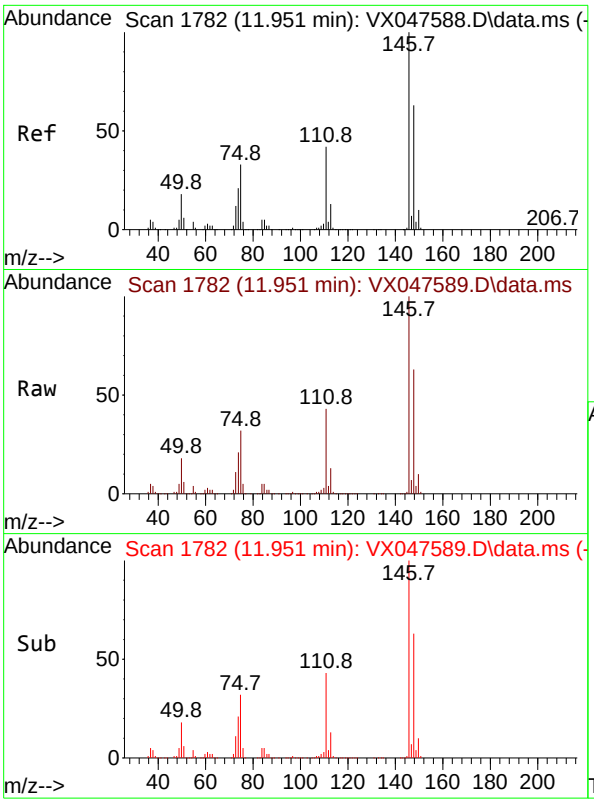


#86
p-Isopropyltoluene
Concen: 101.501 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:119 Resp: 797643

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	25.2	12.6	37.6

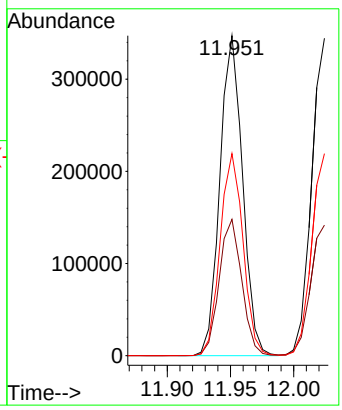




#87
1,3-Dichlorobenzene
Concen: 101.689 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 43224

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	63.9	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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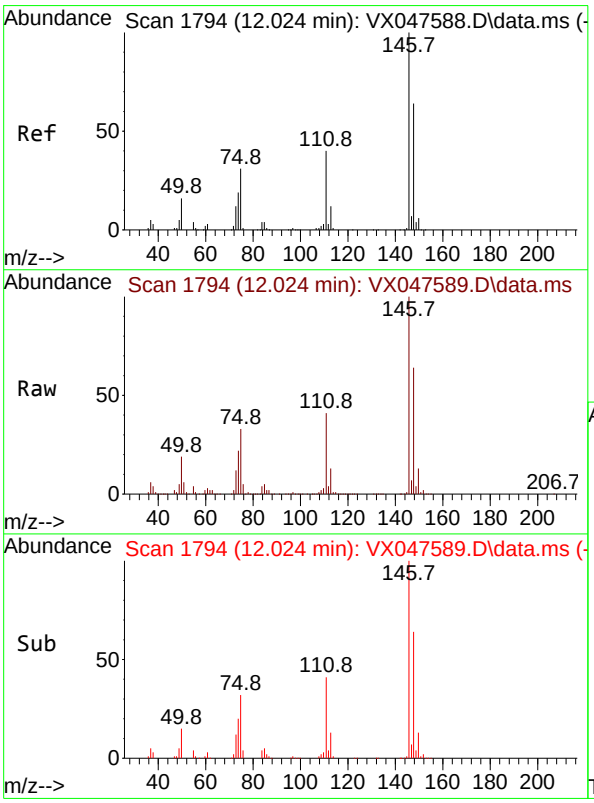
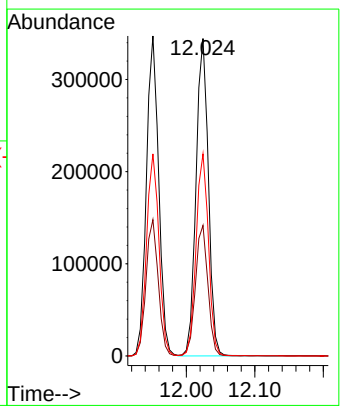
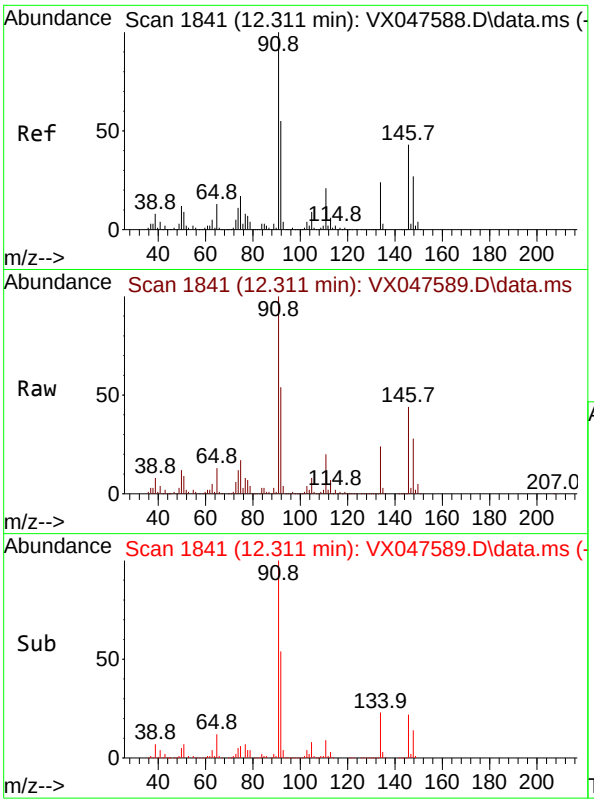


#88
1,4-Dichlorobenzene
Concen: 98.985 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 431839

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.4
148	63.8	31.7	95.1





#89
n-Butylbenzene
Concen: 104.138 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

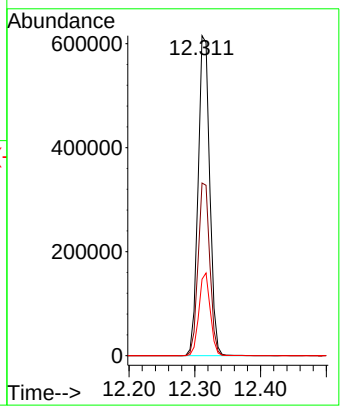
Tgt Ion: 91 Resp: 75723

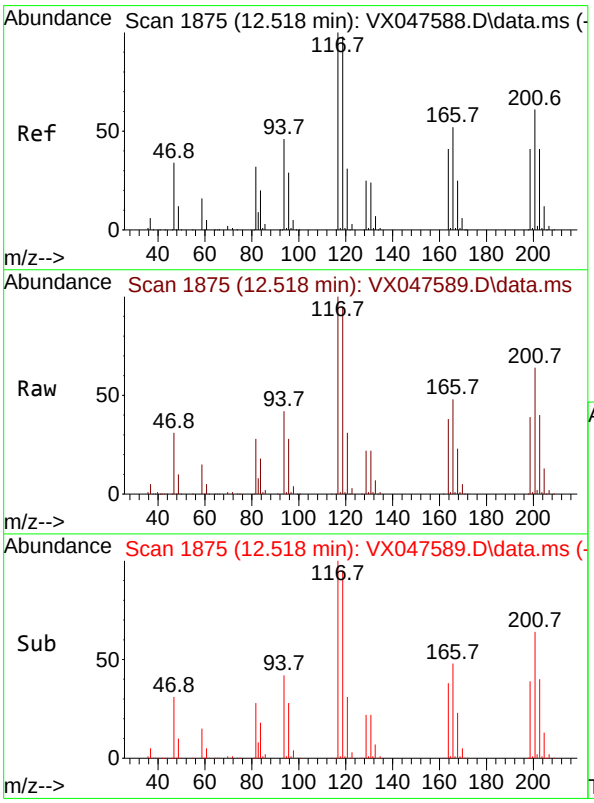
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	25.1	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

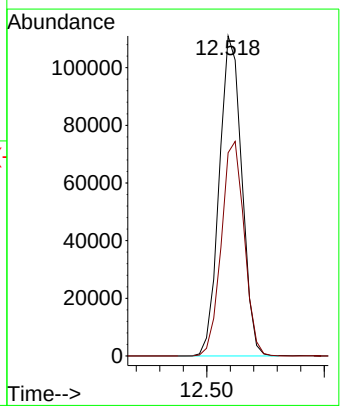


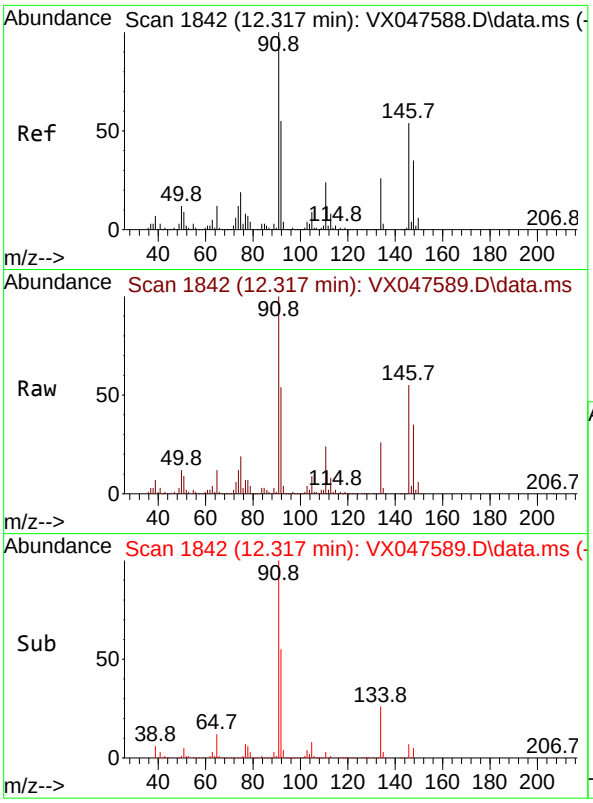


#90
Hexachloroethane
Concen: 107.304 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 148048

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.2	102.5

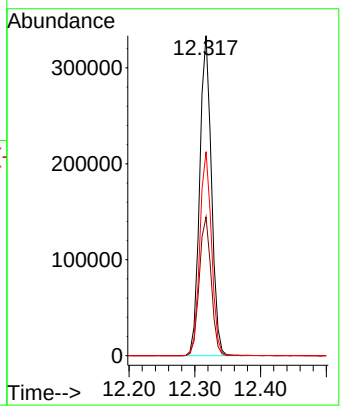




#91
1,2-Dichlorobenzene
Concen: 102.352 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 41449

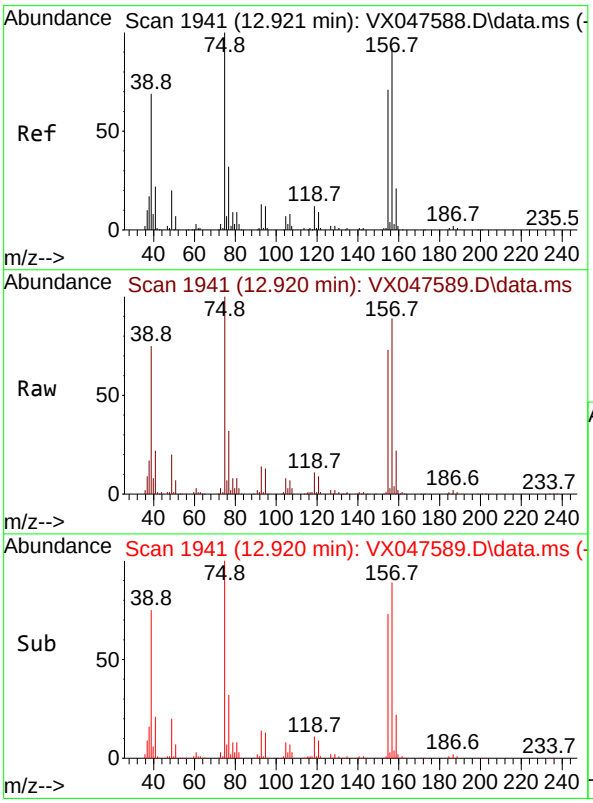
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.4	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

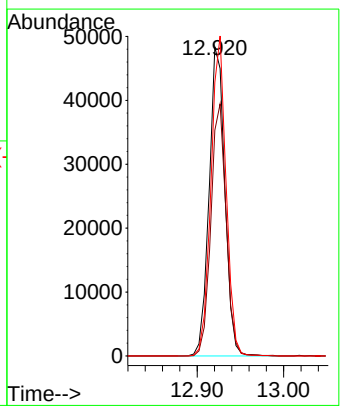
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

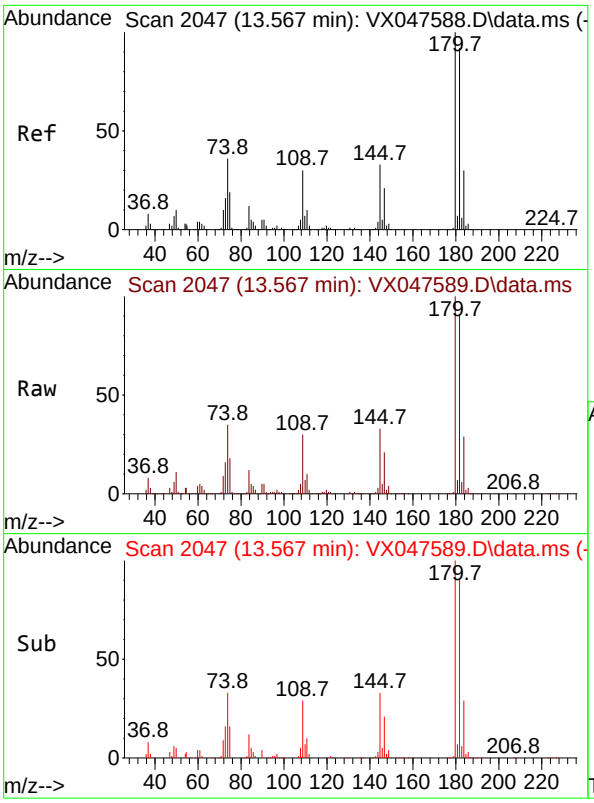


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.225 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 61029

Ion	Ratio	Lower	Upper
75	100		
155	79.0	37.7	113.1
157	99.2	49.8	149.4

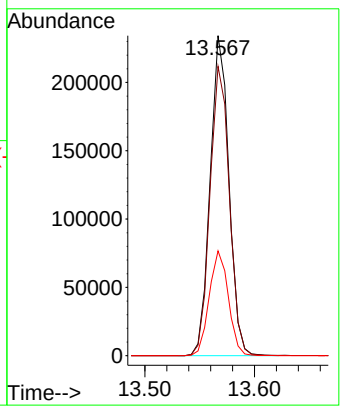




#93
1,2,4-Trichlorobenzene
Concen: 105.922 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:180 Resp: 27877

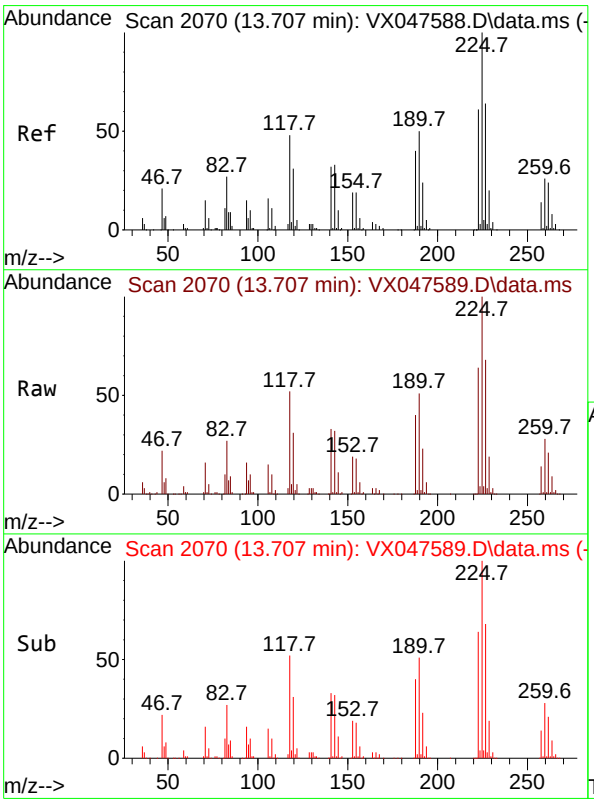
Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	33.3	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

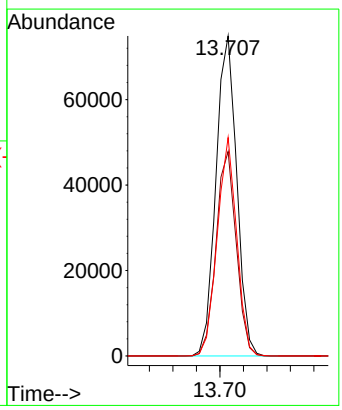
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

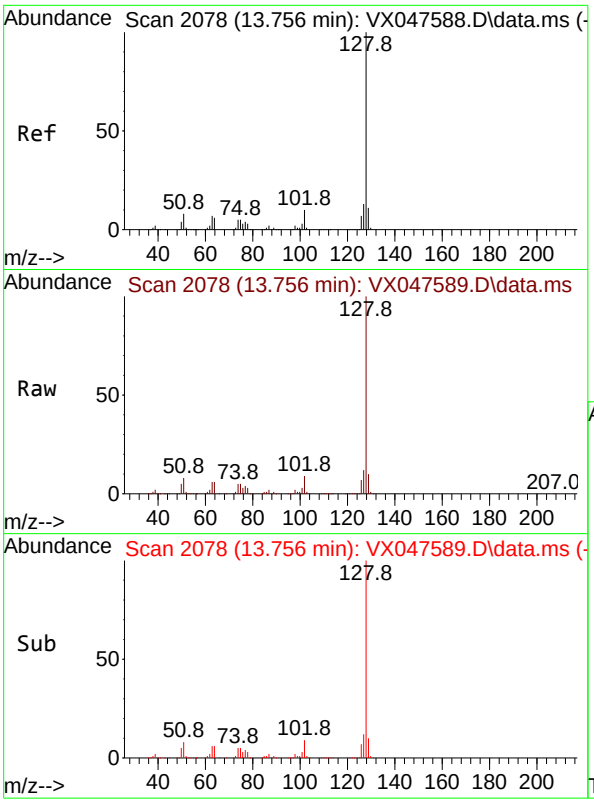


#94
Hexachlorobutadiene
Concen: 103.049 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:225 Resp: 92124

Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.7	95.1
227	63.8	32.0	96.0

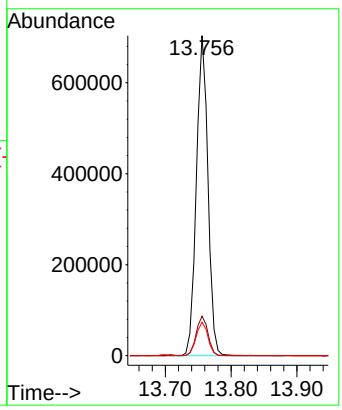




#95
Naphthalene
Concen: 106.620 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:128 Resp: 85449

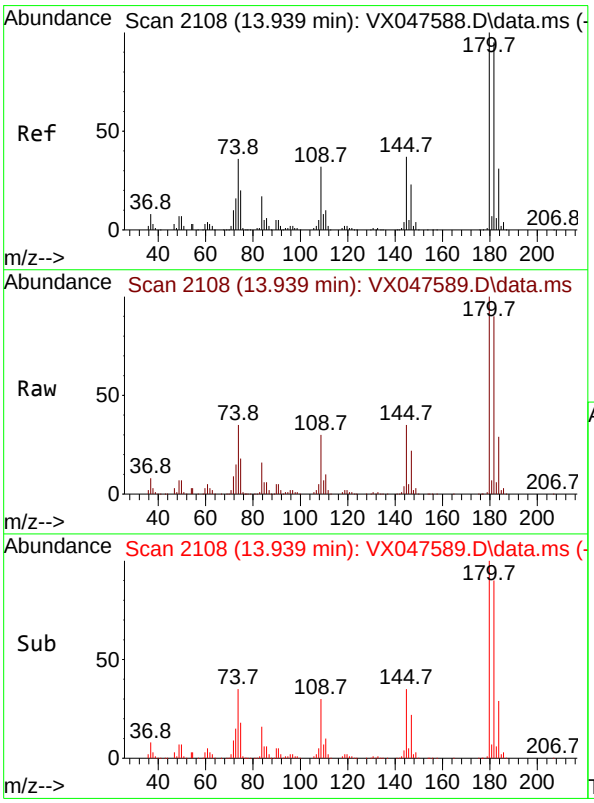
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

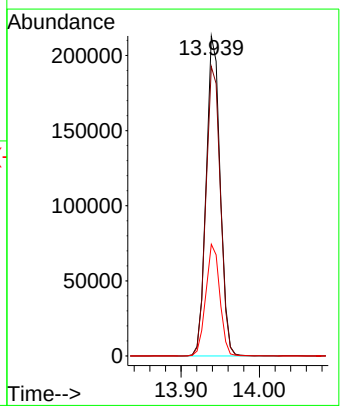
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 107.633 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:180 Resp: 263512

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.6	142.8
145	35.0	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	153177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	274804	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	241818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114743	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	396627	162.673	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 325.340%#			
35) Dibromofluoromethane	5.373	113	303728	164.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 329.600%#			
50) Toluene-d8	8.635	98	1041079	163.253	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 326.500%#			
62) 4-Bromofluorobenzene	11.067	95	399386	165.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 330.040%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	226166	142.586	ug/l	99
3) Chloromethane	1.301	50	297259	142.593	ug/l	99
4) Vinyl Chloride	1.380	62	302303	148.140	ug/l	98
5) Bromomethane	1.605	94	147541	114.019	ug/l	98
6) Chloroethane	1.691	64	195927	143.652	ug/l	99
7) Trichlorofluoromethane	1.892	101	453116	149.545	ug/l	99
8) Diethyl Ether	2.136	74	188006	151.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	267995	151.264	ug/l	99
10) Methyl Iodide	2.453	142	407242	147.384	ug/l	99
11) Tert butyl alcohol	2.959	59	215927	795.166	ug/l	100
12) 1,1-Dichloroethene	2.325	96	273692	150.388	ug/l	97
13) Acrolein	2.239	56	223763	894.203	ug/l	98
14) Allyl chloride	2.666	41	554779	147.727	ug/l	99
15) Acrylonitrile	3.063	53	790790	786.201	ug/l	99
16) Acetone	2.380	43	686119	647.201	ug/l	98
17) Carbon Disulfide	2.514	76	714503	143.412	ug/l	99
18) Methyl Acetate	2.703	43	404736	171.548	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	1015295	152.826	ug/l	100
20) Methylene Chloride	2.788	84	324032	144.398	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	291616	148.833	ug/l	98
22) Diisopropyl ether	3.757	45	1095726	150.551	ug/l	97
23) Vinyl Acetate	3.715	43	4504849	773.364	ug/l	100
24) 1,1-Dichloroethane	3.605	63	587129	151.776	ug/l	98
25) 2-Butanone	4.544	43	973938	736.502	ug/l	99
26) 2,2-Dichloropropane	4.471	77	486890	151.414	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	366262	152.638	ug/l	99
28) Bromochloromethane	4.885	49	289548	171.451	ug/l	99
29) Tetrahydrofuran	4.989	42	616374	774.811	ug/l	100
30) Chloroform	5.080	83	591709	151.367	ug/l	99
31) Cyclohexane	5.458	56	456119	141.570	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	506654	152.802	ug/l	99
36) 1,1-Dichloropropene	5.684	75	386601	143.556	ug/l	99
37) Ethyl Acetate	4.702	43	444461	154.141	ug/l	99
38) Carbon Tetrachloride	5.666	117	427263	146.021	ug/l	98
39) Methylcyclohexane	7.367	83	456694	149.395	ug/l	98
40) Benzene	6.025	78	1202846	147.057	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	4.904	41	223218	149.951 ug/l	99
42) 1,2-Dichloroethane	6.074	62	455978	146.515 ug/l	99
43) Isopropyl Acetate	6.324	43	724888	153.283 ug/l	99
44) Trichloroethene	7.111	130	299673	151.542 ug/l	96
45) 1,2-Dichloropropane	7.415	63	316720	151.219 ug/l	99
46) Dibromomethane	7.568	93	228550	149.954 ug/l	97
47) Bromodichloromethane	7.806	83	483438	153.710 ug/l	98
48) Methyl methacrylate	7.678	41	367931	156.194 ug/l	99
49) 1,4-Dioxane	7.647	88	82739	3475.565 ug/l	98
51) 4-Methyl-2-Pentanone	8.562	43	2008063	765.849 ug/l	100
52) Toluene	8.702	92	739332	146.712 ug/l	99
53) t-1,3-Dichloropropene	8.964	75	503912	157.076 ug/l	100
54) cis-1,3-Dichloropropene	8.354	75	530566	154.732 ug/l	99
55) 1,1,2-Trichloroethane	9.135	97	289103	148.781 ug/l	99
56) Ethyl methacrylate	9.104	69	490623	160.773 ug/l	97
57) 1,3-Dichloropropane	9.293	76	502121	150.426 ug/l	98
58) 2-Chloroethyl Vinyl ether	8.232	63	1202206	749.661 ug/l	99
59) 2-Hexanone	9.415	43	1412417	750.035 ug/l	99
60) Dibromochloromethane	9.506	129	347748	155.318 ug/l	98
61) 1,2-Dibromoethane	9.592	107	302715	152.949 ug/l	99
64) Tetrachloroethene	9.263	164	227931	144.590 ug/l	98
65) Chlorobenzene	10.061	112	828239	150.763 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	291433	153.733 ug/l	98
67) Ethyl Benzene	10.177	91	1431554	151.026 ug/l	99
68) m/p-Xylenes	10.287	106	1059776	300.381 ug/l	99
69) o-Xylene	10.628	106	521840	152.920 ug/l	99
70) Styrene	10.640	104	917532	153.449 ug/l	99
71) Bromoform	10.781	173	229683	162.262 ug/l	99
73) Isopropylbenzene	10.945	105	1321409	151.477 ug/l	99
74) N-amyl acetate	10.829	43	636879	160.099 ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	403906	153.035 ug/l	99
76) 1,2,3-Trichloropropane	11.226	75	366171m	153.692 ug/l	
77) Bromobenzene	11.183	156	328336	152.818 ug/l	99
78) n-propylbenzene	11.287	91	1550316	150.337 ug/l	99
79) 2-Chlorotoluene	11.348	91	939707	148.781 ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	1091593	152.306 ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	145921	160.176 ug/l	97
82) 4-Chlorotoluene	11.439	91	1127233	151.112 ug/l	100
83) tert-Butylbenzene	11.701	119	1106532	150.819 ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	1106914	152.336 ug/l	100
85) sec-Butylbenzene	11.872	105	1319819	151.448 ug/l	99
86) p-Isopropyltoluene	11.994	119	1103210	149.530 ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	605123	151.633 ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	613617	149.814 ug/l	99
89) n-Butylbenzene	12.317	91	1032357	151.222 ug/l	100
90) Hexachloroethane	12.518	117	211472	163.258 ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	582565	153.227 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	89415	167.332 ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	387652	156.884 ug/l	98
94) Hexachlorobutadiene	13.707	225	121791	145.110 ug/l	99
95) Naphthalene	13.756	128	1229363	163.388 ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	369382	160.704 ug/l	99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

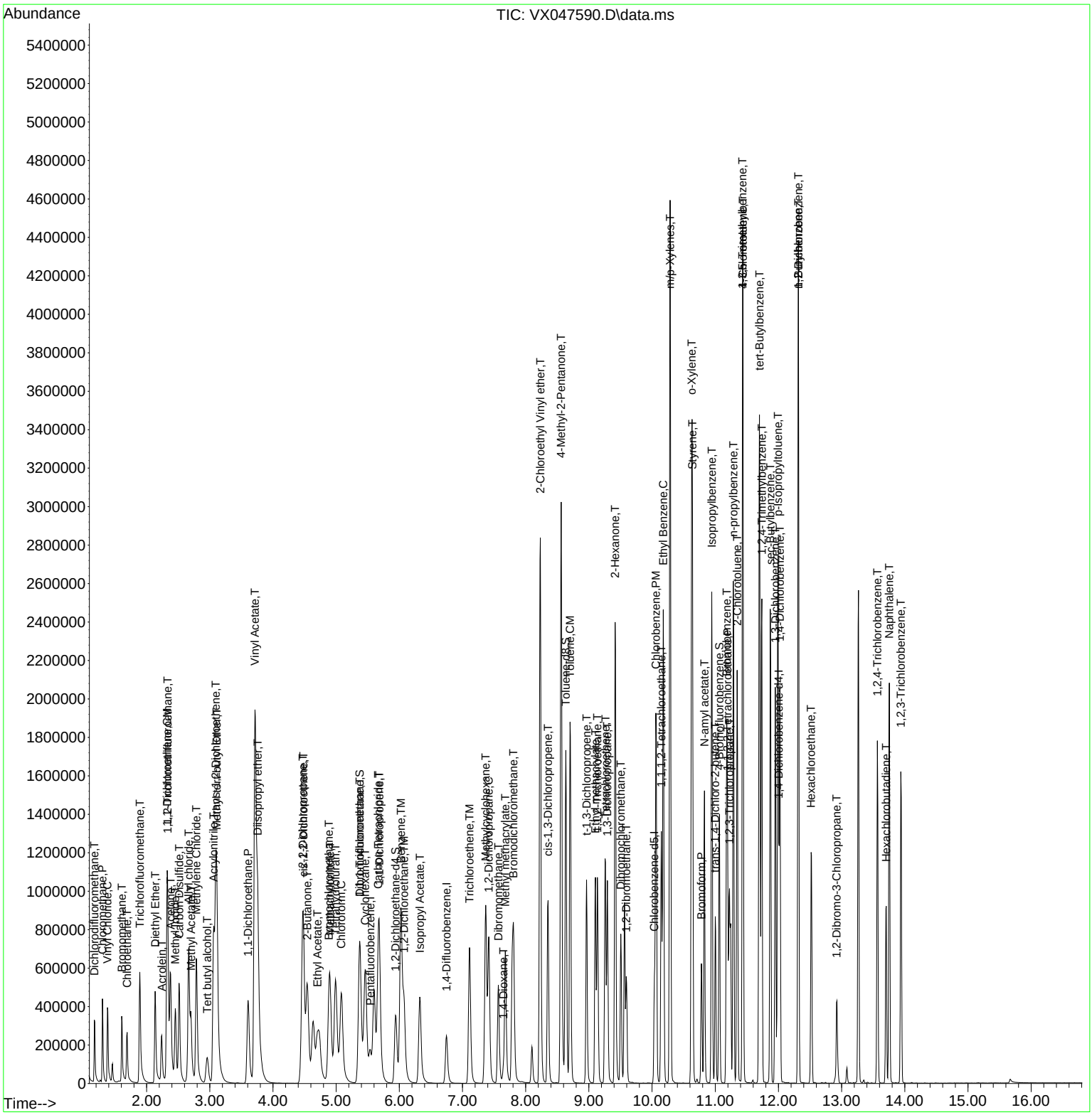
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

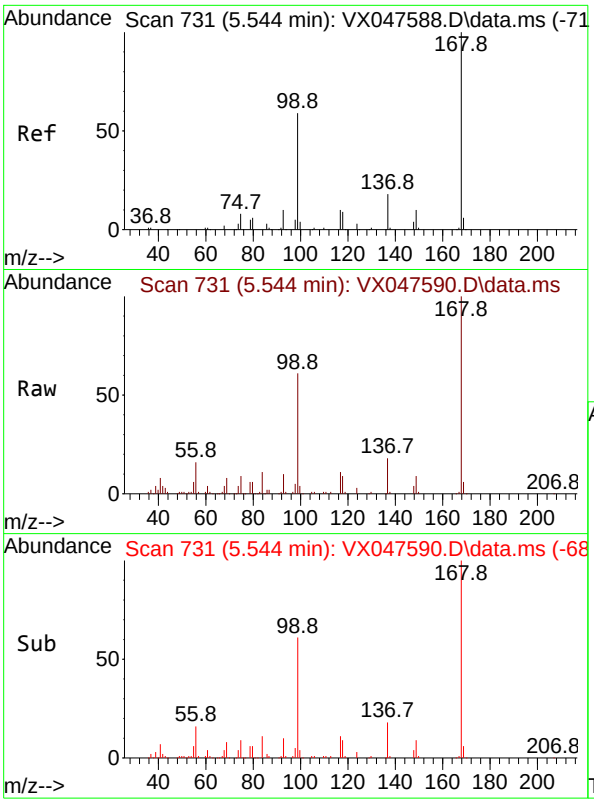
Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

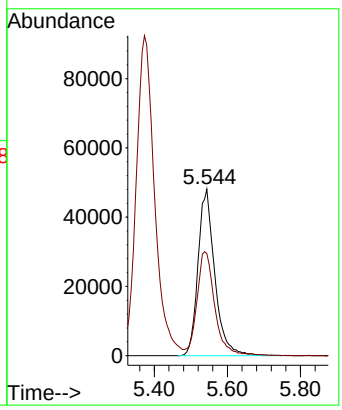




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:168 Resp: 15317

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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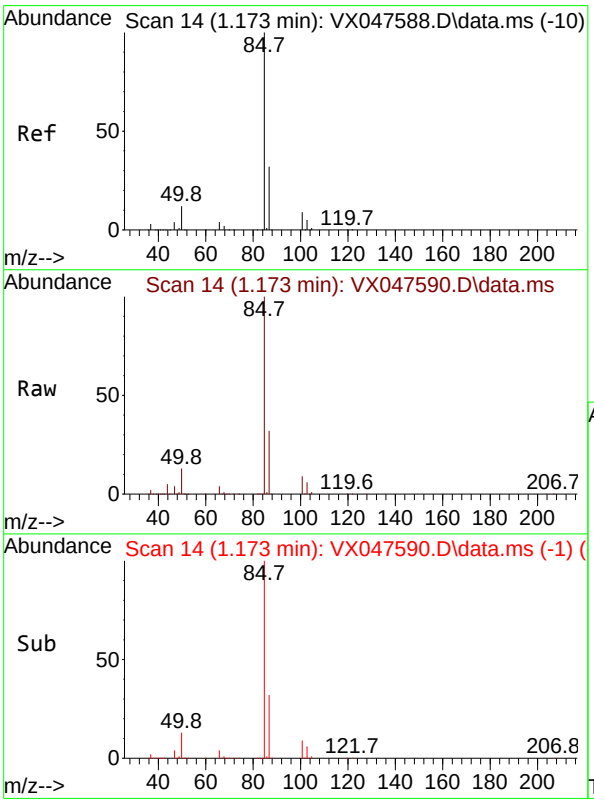
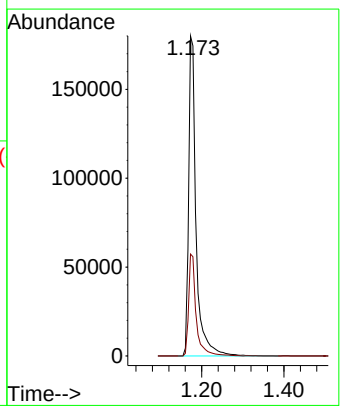
Supervised By :Mahesh Dadoda 09/18/2025

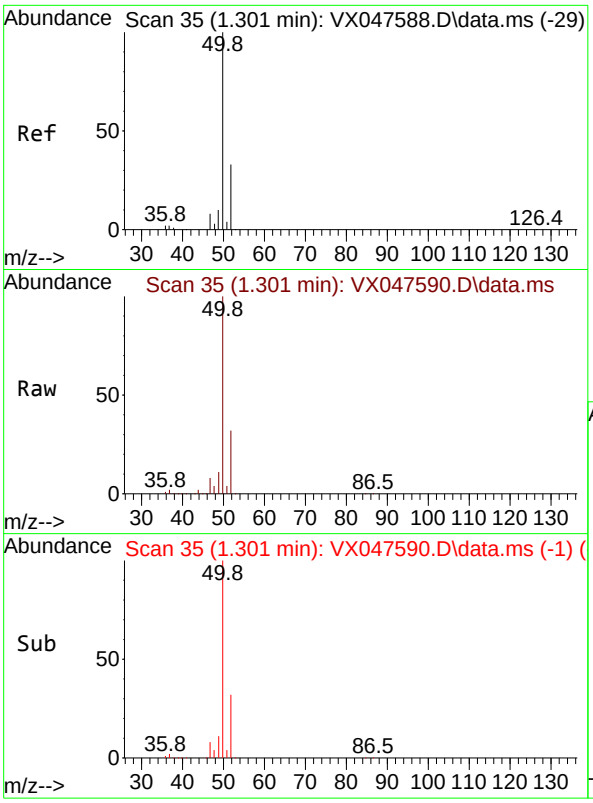


#2
Dichlorodifluoromethane
Concen: 142.586 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 85 Resp: 226166

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.8	47.3

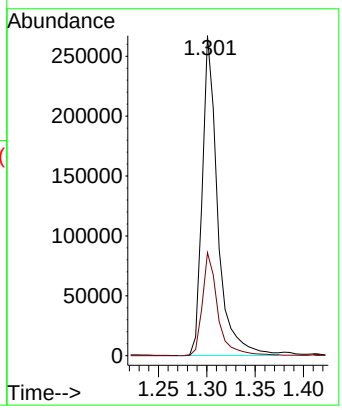




#3
Chloromethane
Concen: 142.593 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 50 Resp: 29725

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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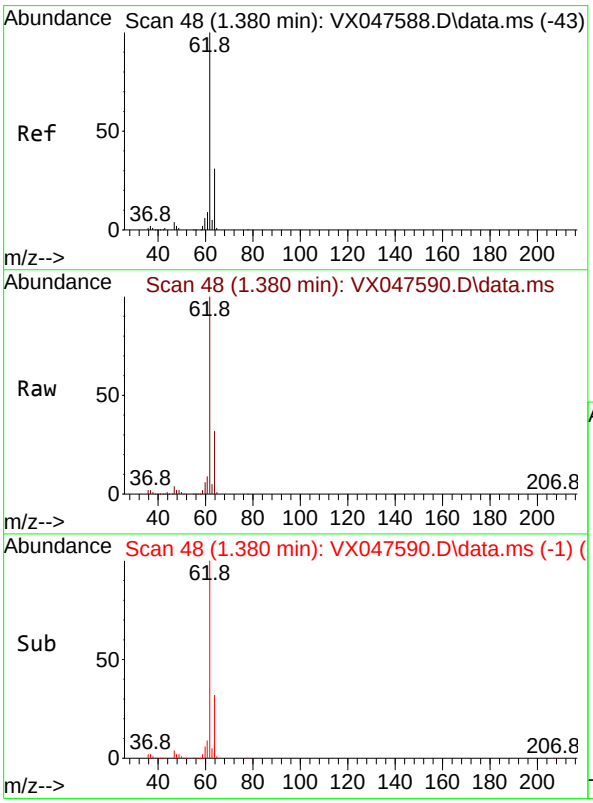
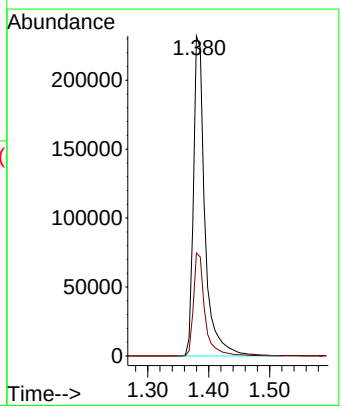
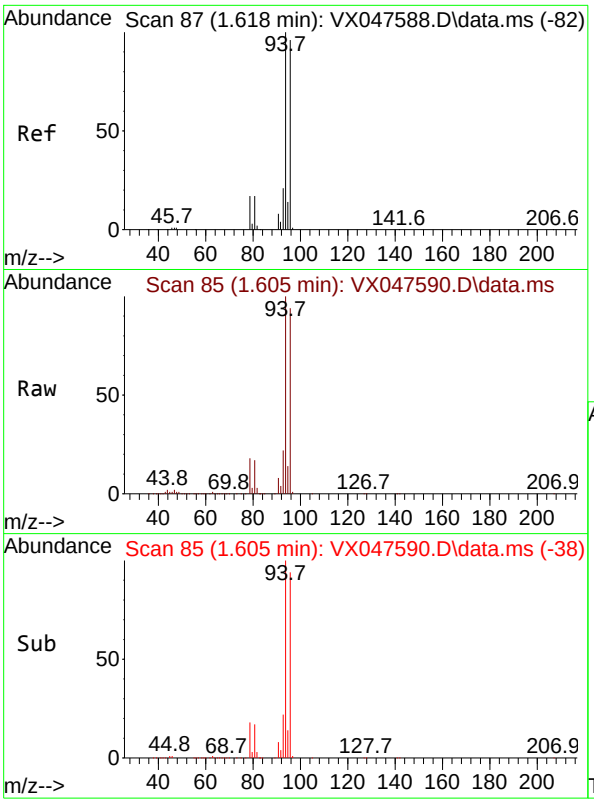


#4
Vinyl Chloride
Concen: 148.140 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 302303

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3

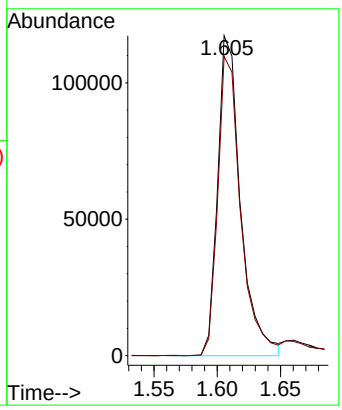




#5
Bromomethane
Concen: 114.019 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 94 Resp: 14754

Ion	Ratio	Lower	Upper
94	100		
96	93.4	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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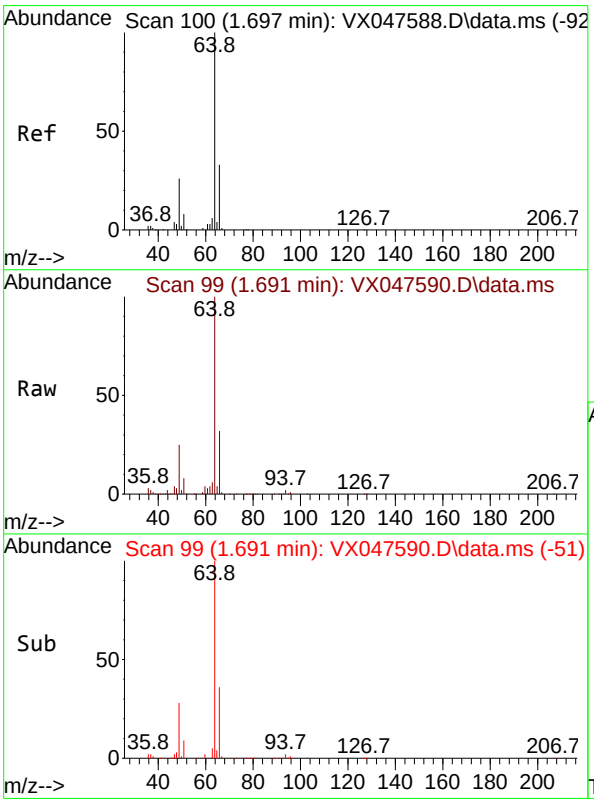
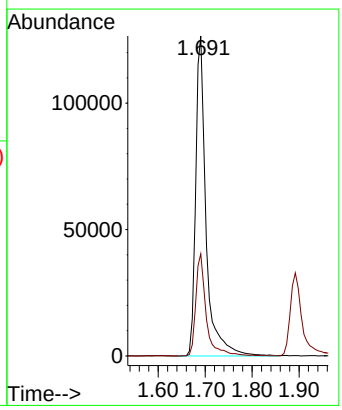
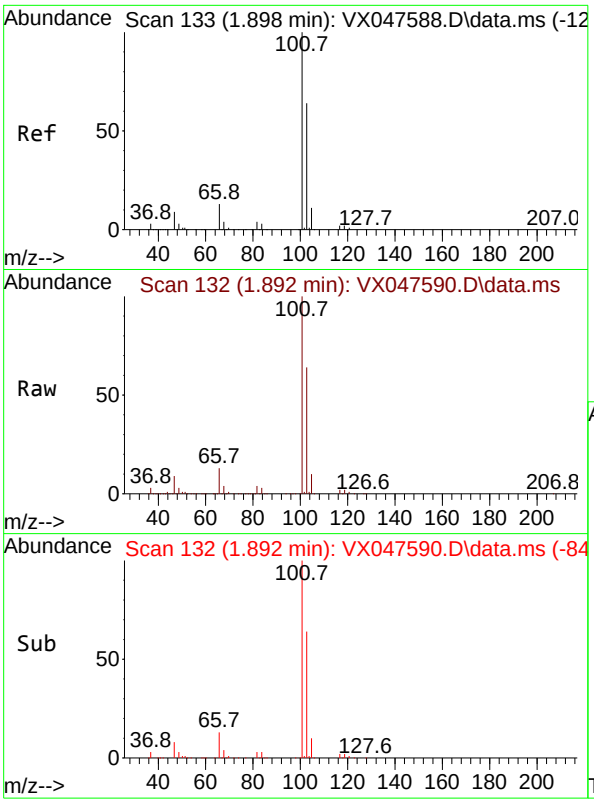


#6
Chloroethane
Concen: 143.652 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 64 Resp: 195927

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1

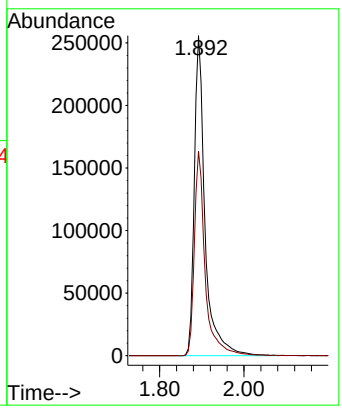




#7
Trichlorofluoromethane
Concen: 149.545 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:101 Resp: 45311

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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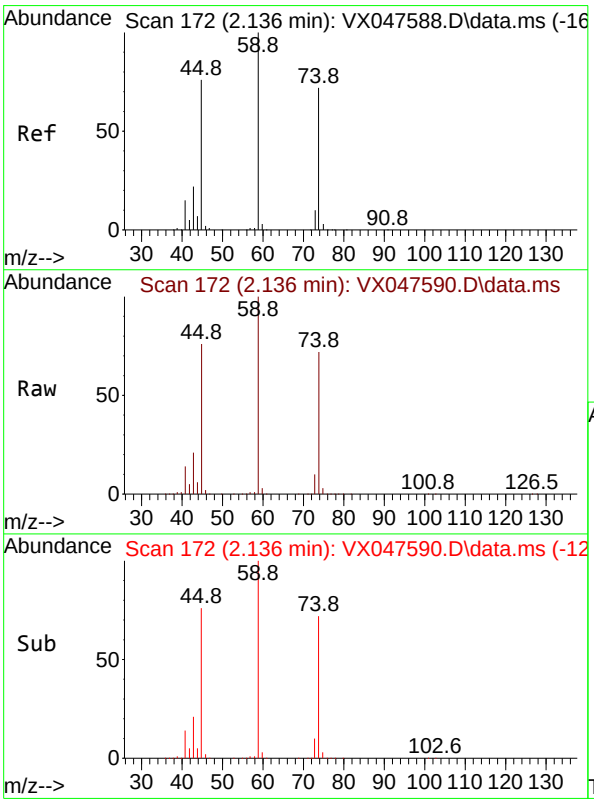
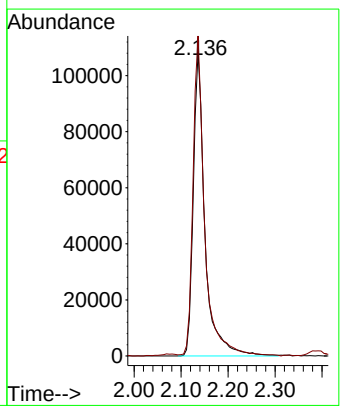
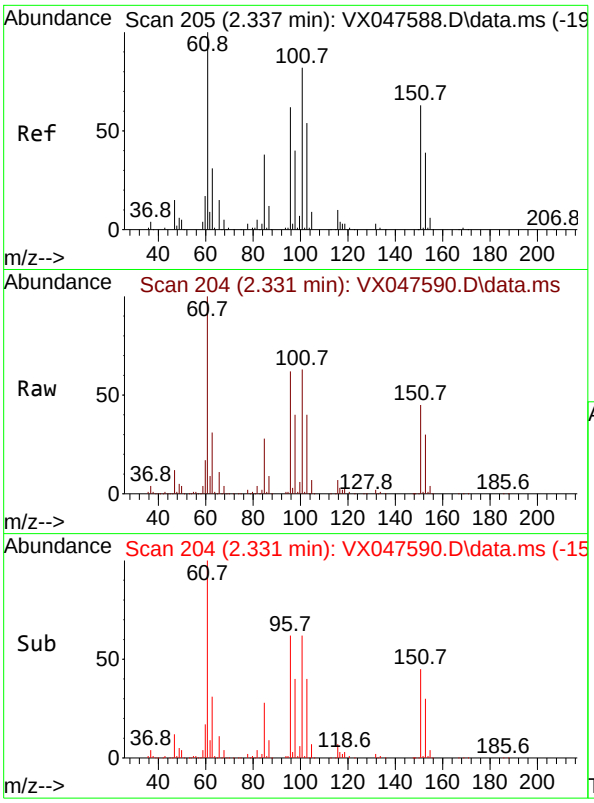


#8
Diethyl Ether
Concen: 151.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 74 Resp: 188006

Ion	Ratio	Lower	Upper
74	100		
45	105.5	52.3	156.8

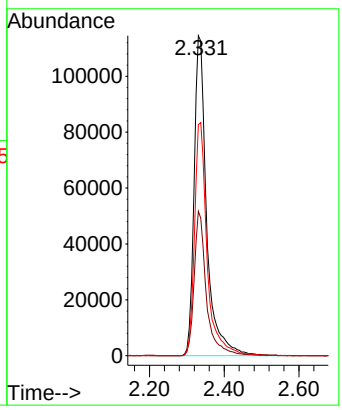




#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.264 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:101 Resp: 26799

Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.5	53.3
151	73.2	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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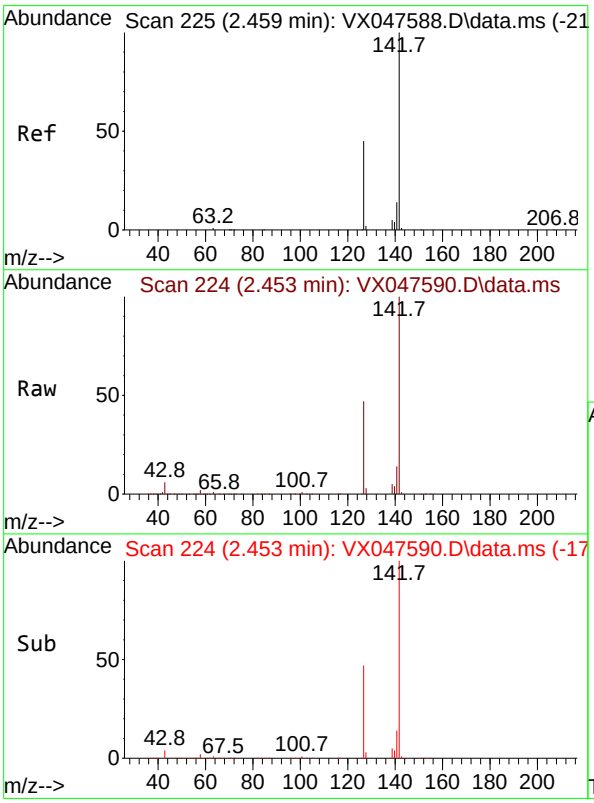
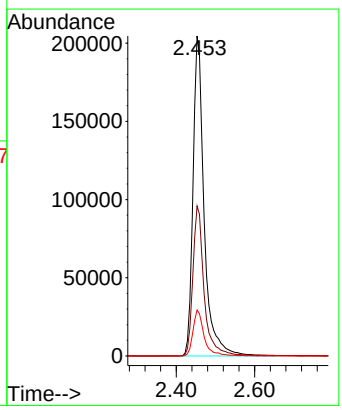
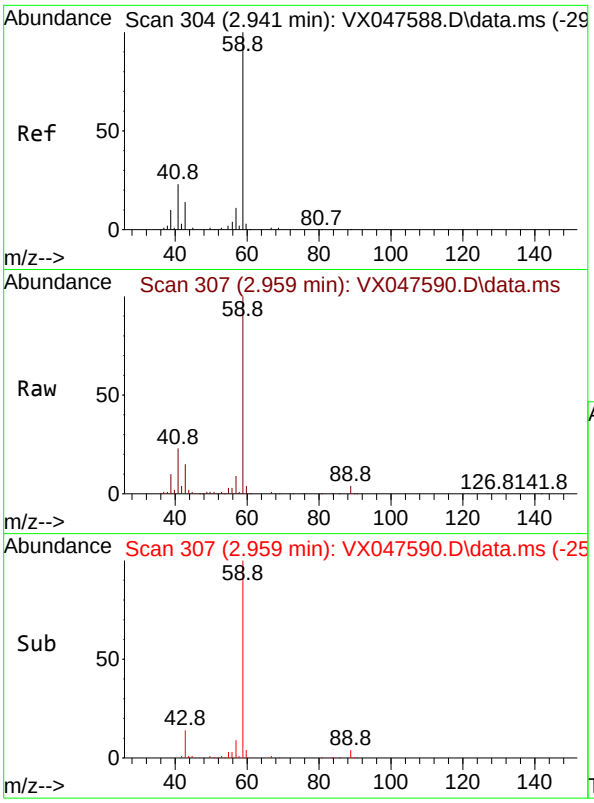


#10
Methyl Iodide
Concen: 147.384 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:142 Resp: 407242

Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.2	55.8
141	14.3	11.4	17.0

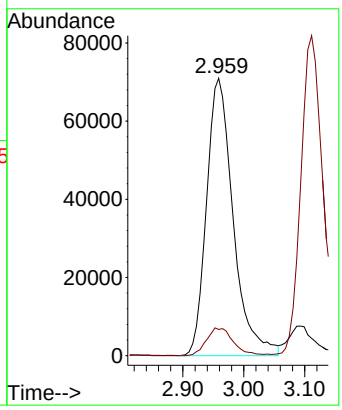




#11
Tert butyl alcohol
Concen: 795.166 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 59 Resp: 21592

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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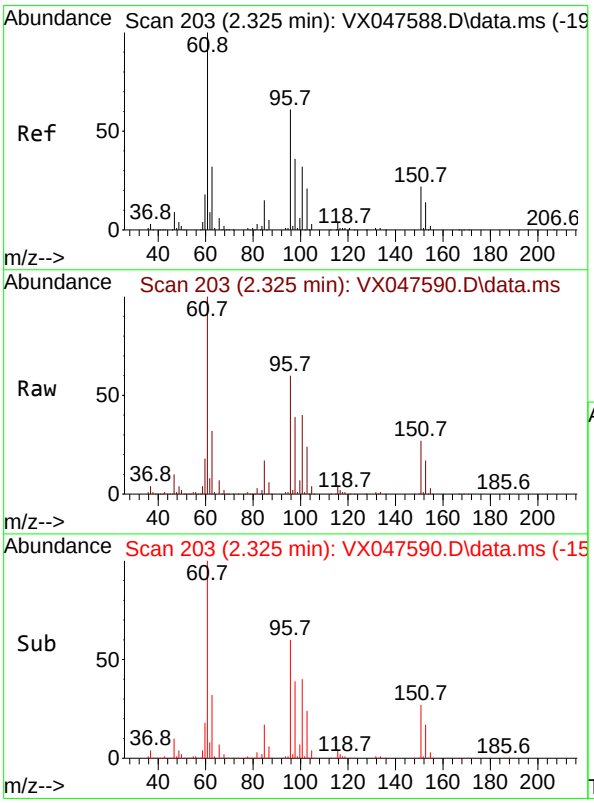
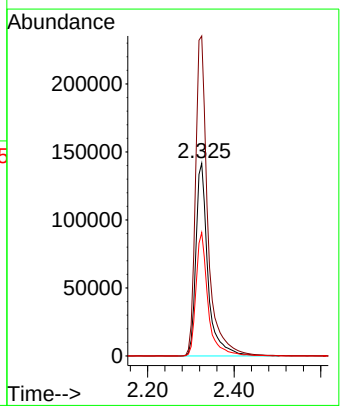
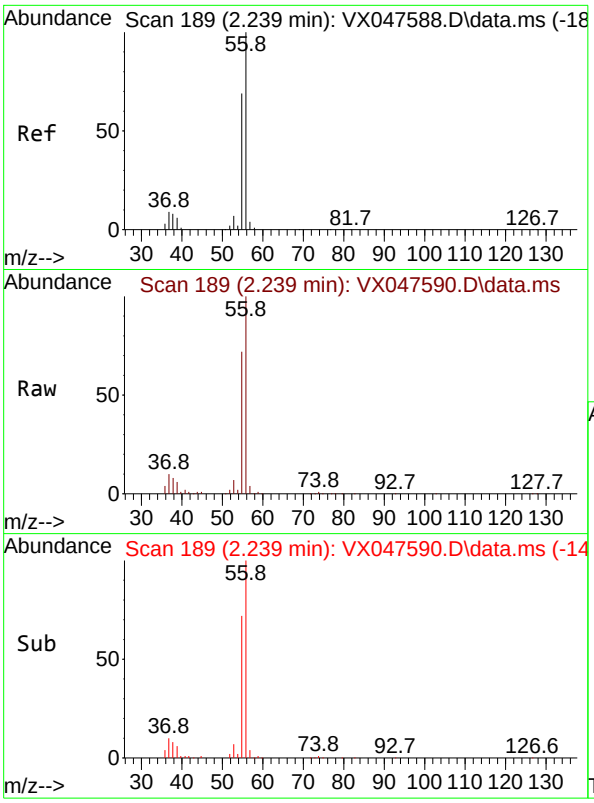


#12
1,1-Dichloroethene
Concen: 150.388 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 273692

Ion	Ratio	Lower	Upper
96	100		
61	166.1	131.0	196.6
98	64.0	47.7	71.5

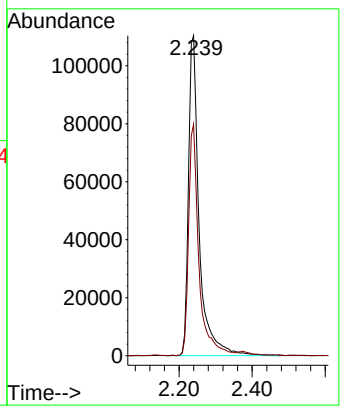




#13
Acrolein
Concen: 894.203 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 56 Resp: 22376

Ion	Ratio	Lower	Upper
56	100		
55	69.6	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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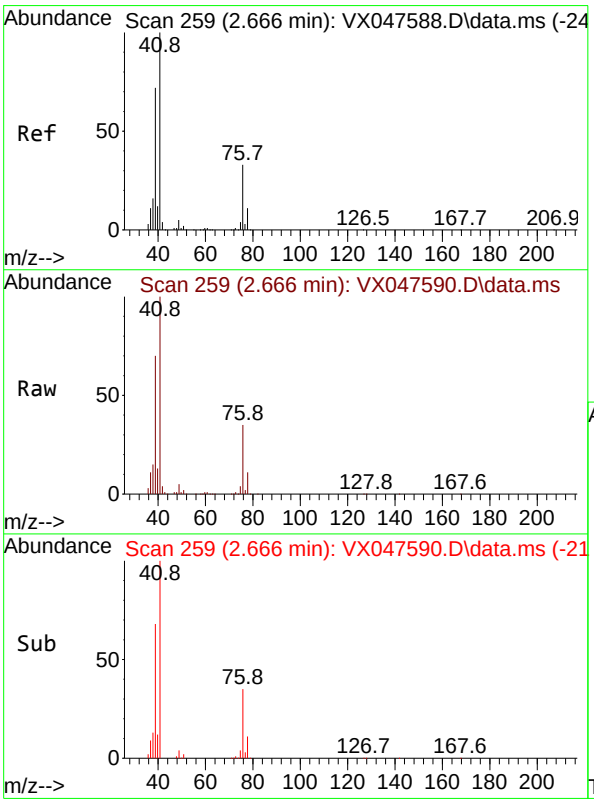
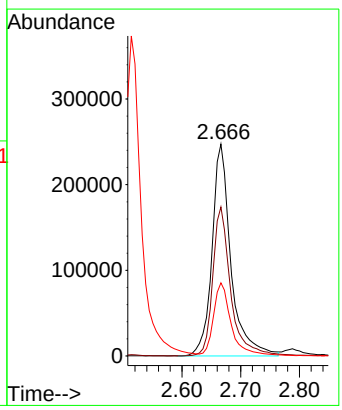
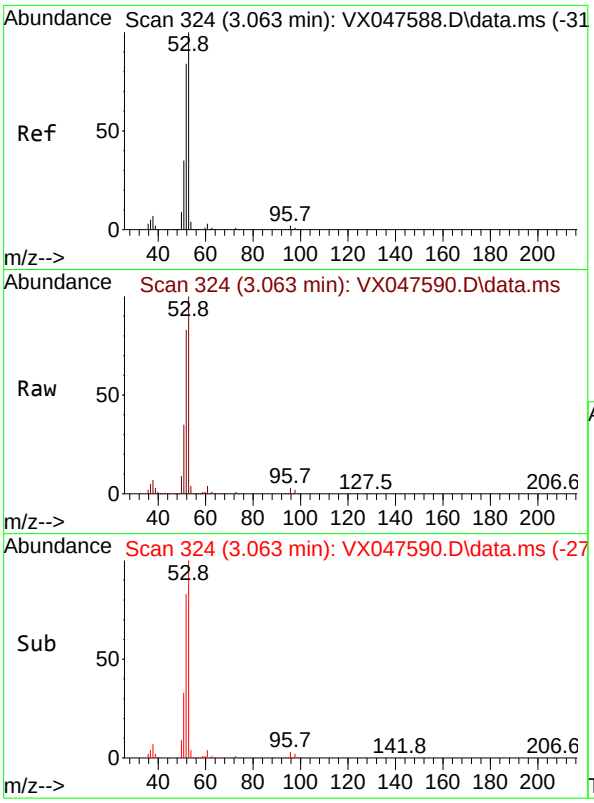


#14
Allyl chloride
Concen: 147.727 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 554779

Ion	Ratio	Lower	Upper
41	100		
39	67.3	54.7	82.1
76	32.4	25.7	38.5





#15
Acrylonitrile
Concen: 786.201 ug/l
RT: 3.063 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 53 Resp: 79079

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.1	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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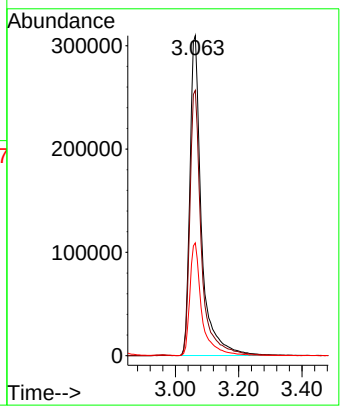
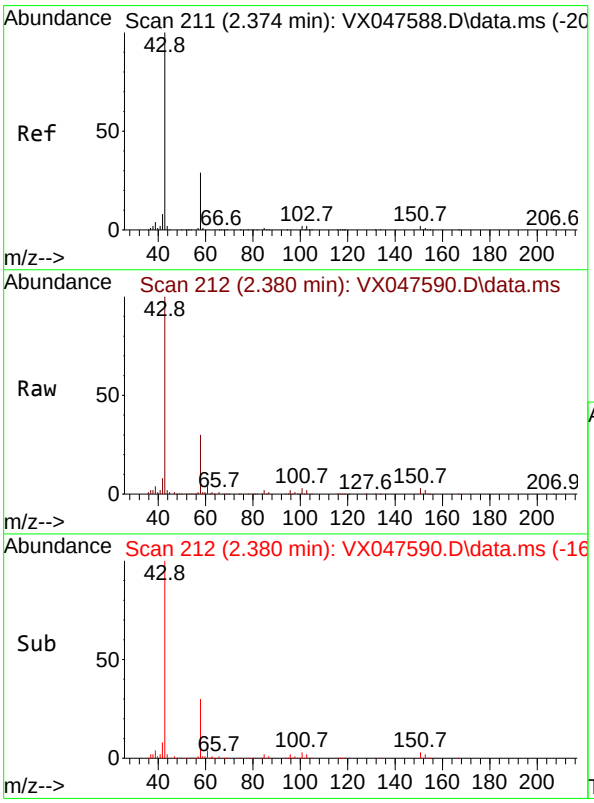
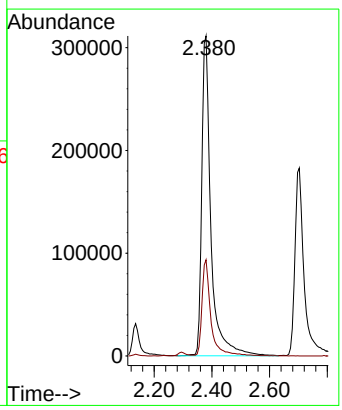


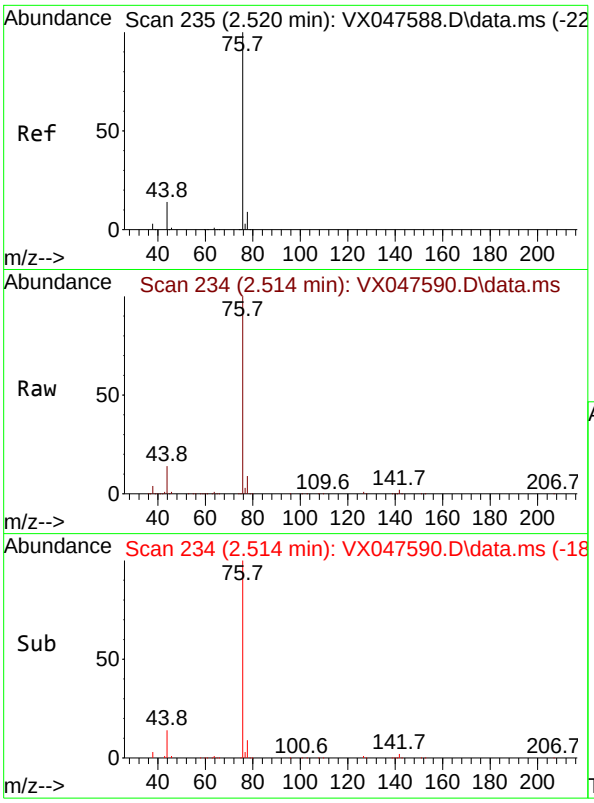


#16
Acetone
Concen: 647.201 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 686119

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0

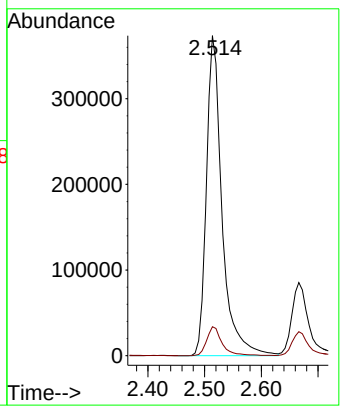




#17
Carbon Disulfide
Concen: 143.412 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 76 Resp: 71450

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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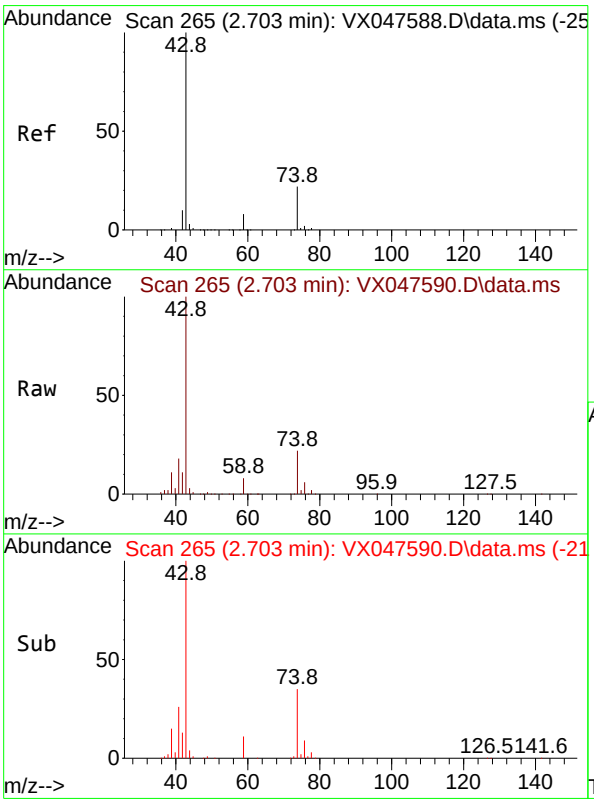
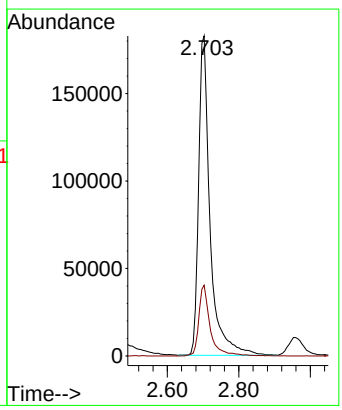
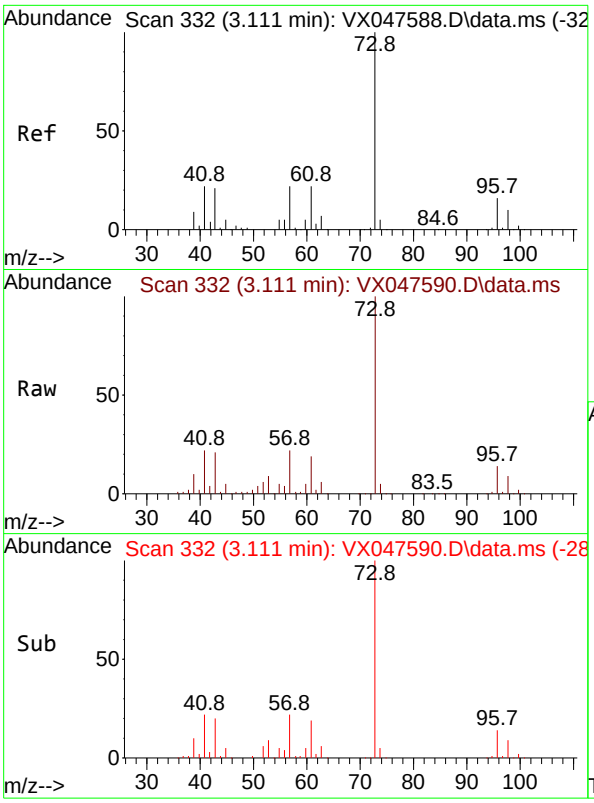


#18
Methyl Acetate
Concen: 171.548 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 404736

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2

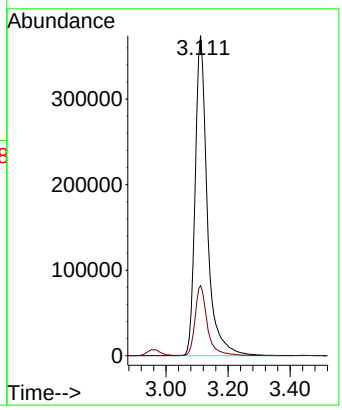




#19
Methyl tert-butyl Ether
Concen: 152.826 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 73 Resp: 101529

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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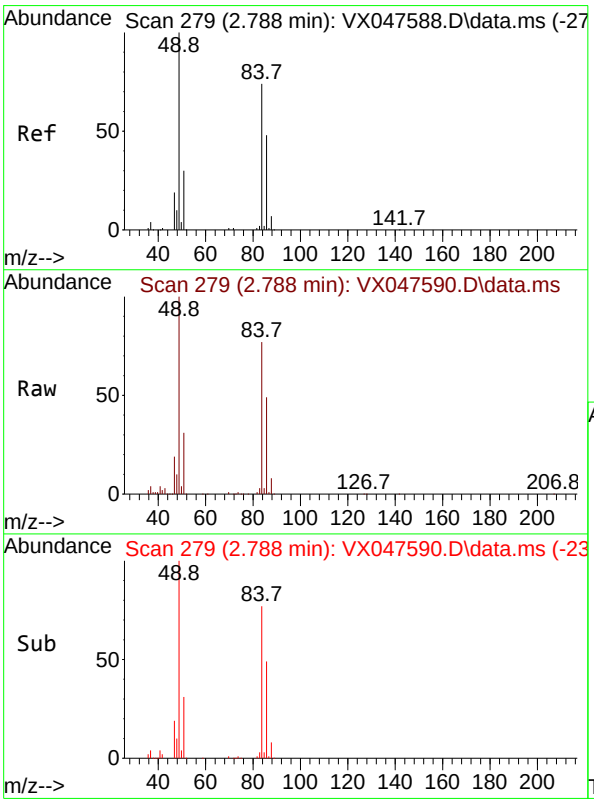
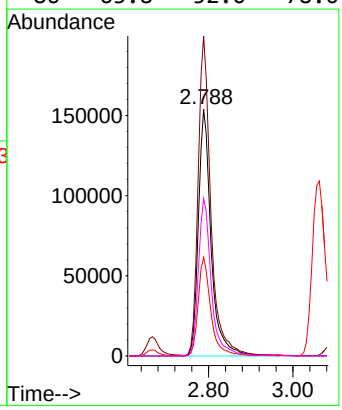
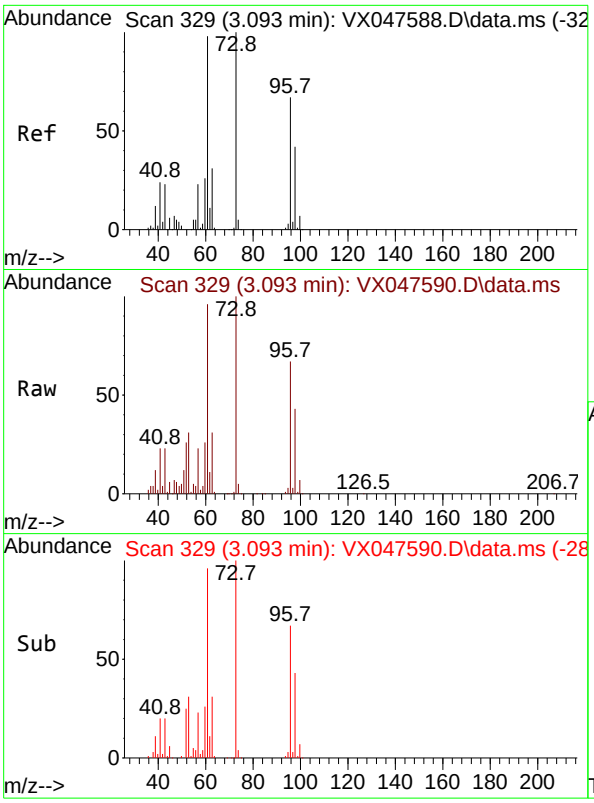


#20
Methylene Chloride
Concen: 144.398 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 84 Resp: 324032

Ion	Ratio	Lower	Upper
84	100		
49	129.4	108.6	162.8
51	39.9	32.6	48.8
86	63.8	52.0	78.0

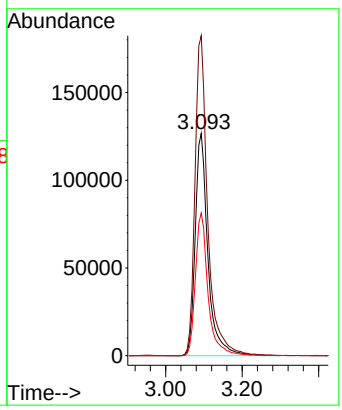




#21
trans-1,2-Dichloroethene
Concen: 148.833 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 29161

Ion	Ratio	Lower	Upper
96	100		
61	144.0	116.2	174.2
98	64.3	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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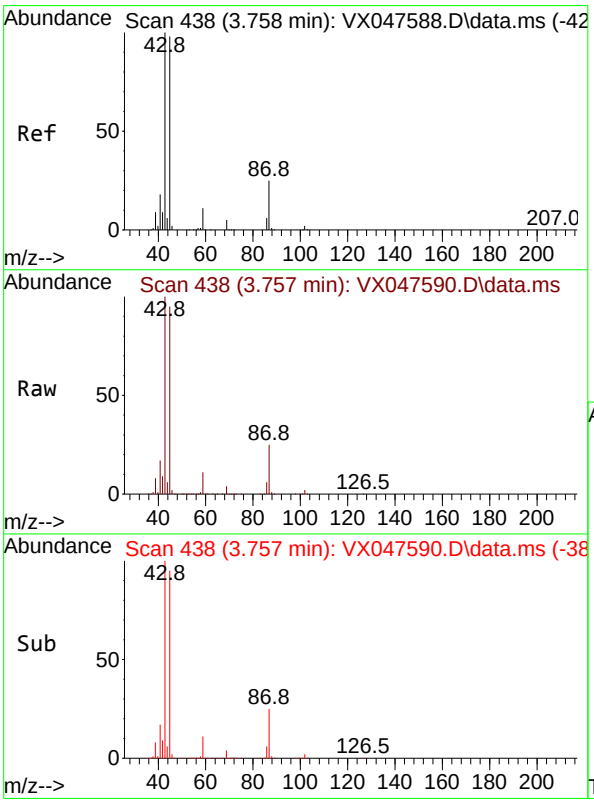
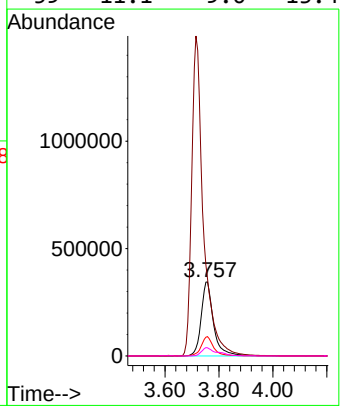
Supervised By :Mahesh Dadoda 09/18/2025

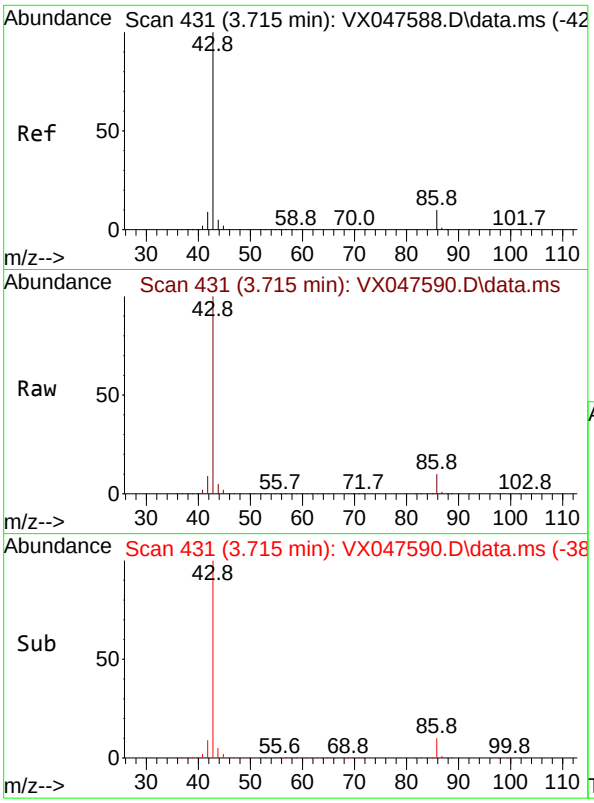


#22
Diisopropyl ether
Concen: 150.551 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 45 Resp: 1095726

Ion	Ratio	Lower	Upper
45	100		
43	104.7	81.0	121.4
87	26.2	20.3	30.5
59	11.1	9.0	13.4





#23
Vinyl Acetate
Concen: 773.364 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 450484

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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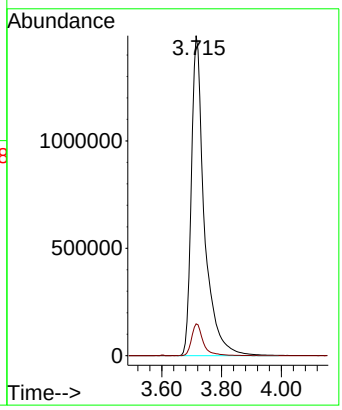
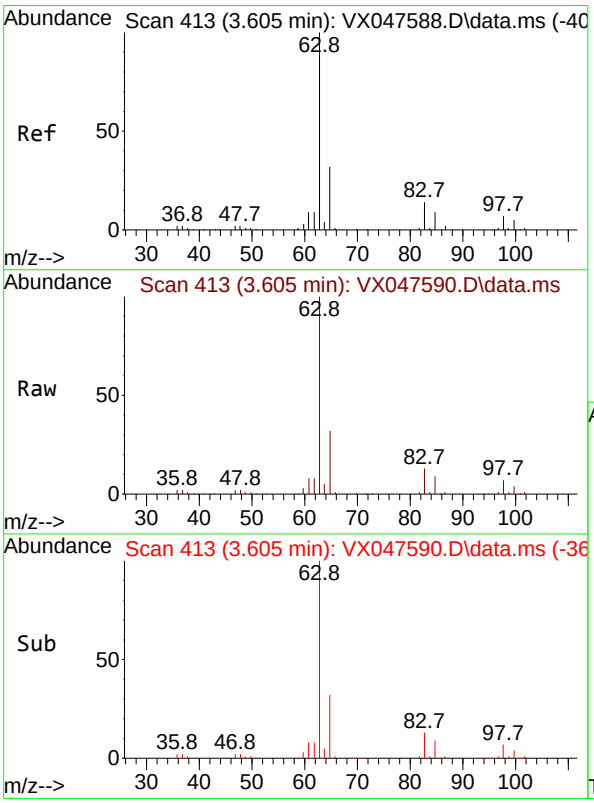
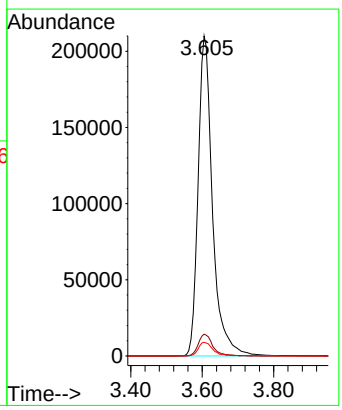


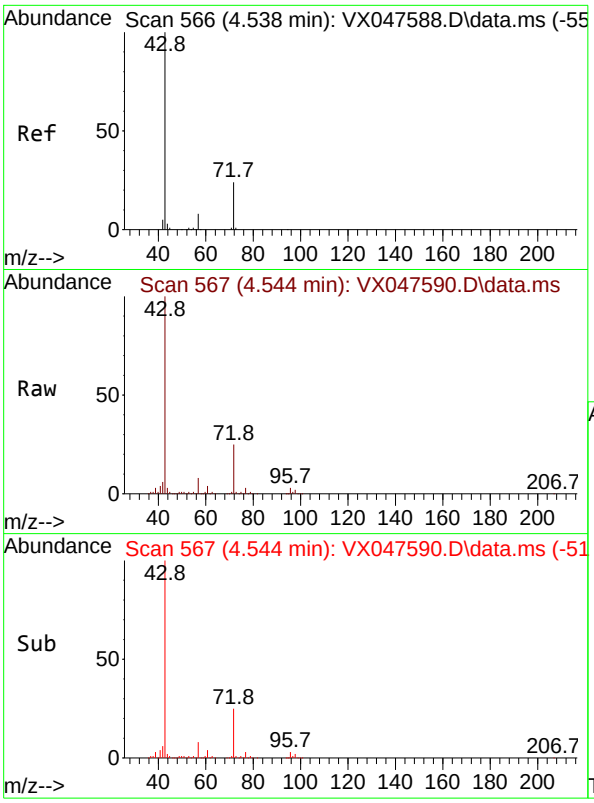


#24
1,1-Dichloroethane
Concen: 151.776 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 587129

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.3	2.3	6.9

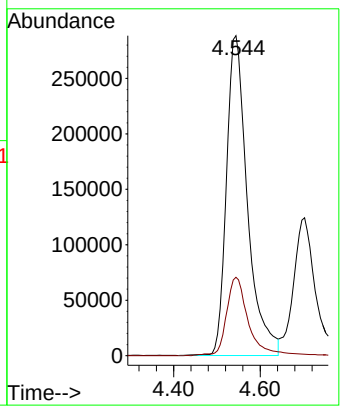




#25
2-Butanone
Concen: 736.502 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 97393

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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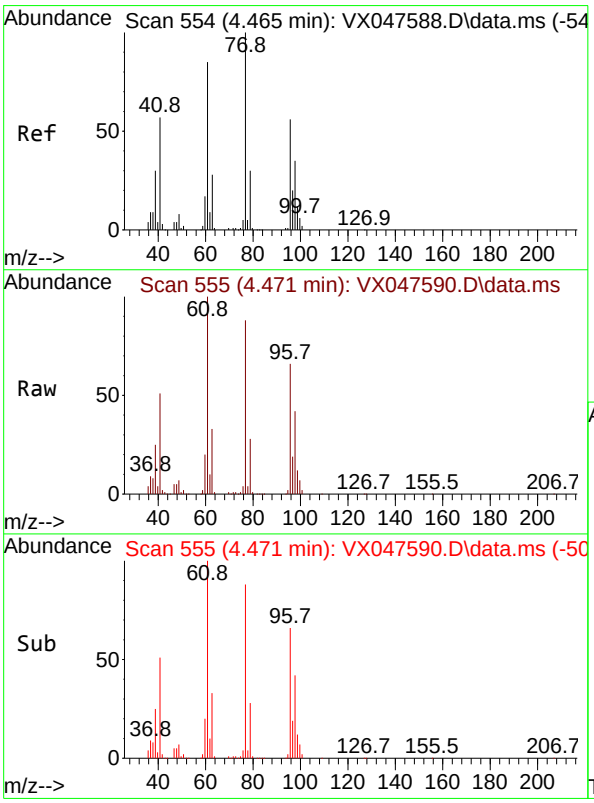
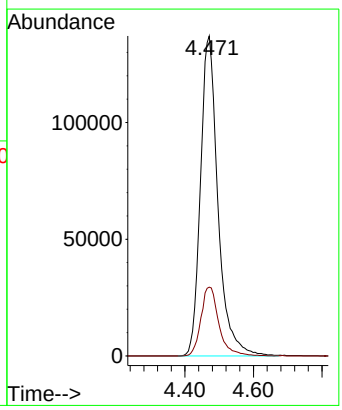
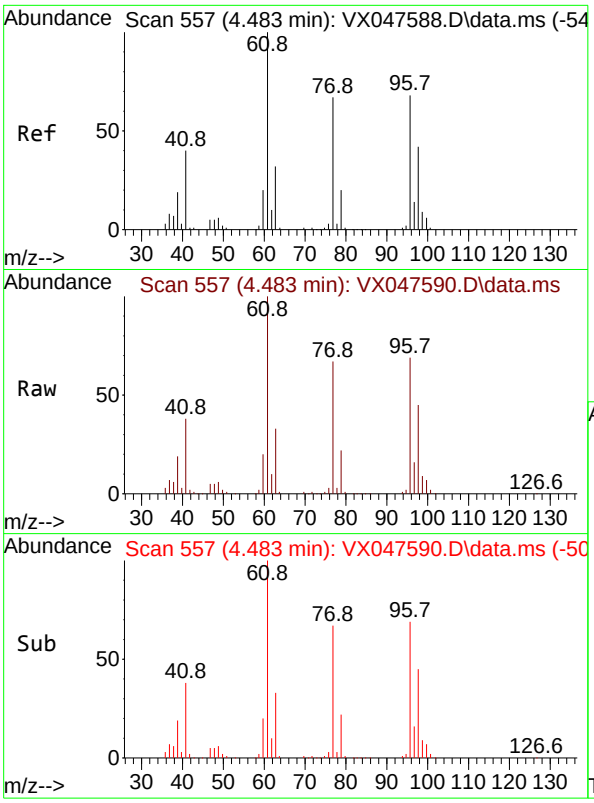


#26
2,2-Dichloropropane
Concen: 151.414 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 77 Resp: 486890

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.9	32.7

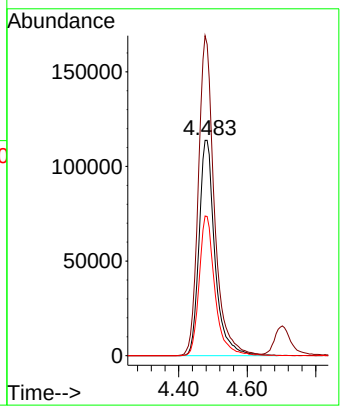




#27
cis-1,2-Dichloroethene
Concen: 152.638 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 96 Resp: 36626

Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	303.2
98	64.6	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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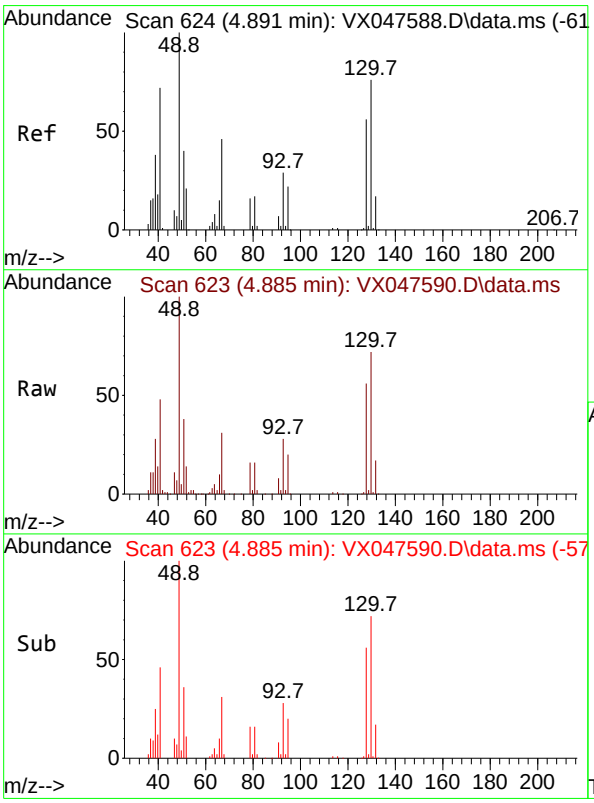
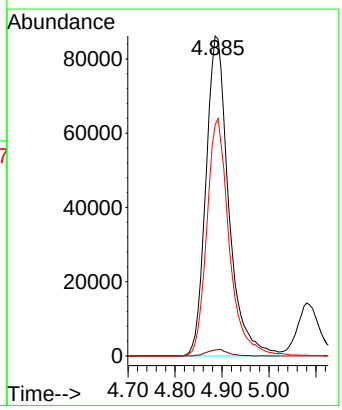
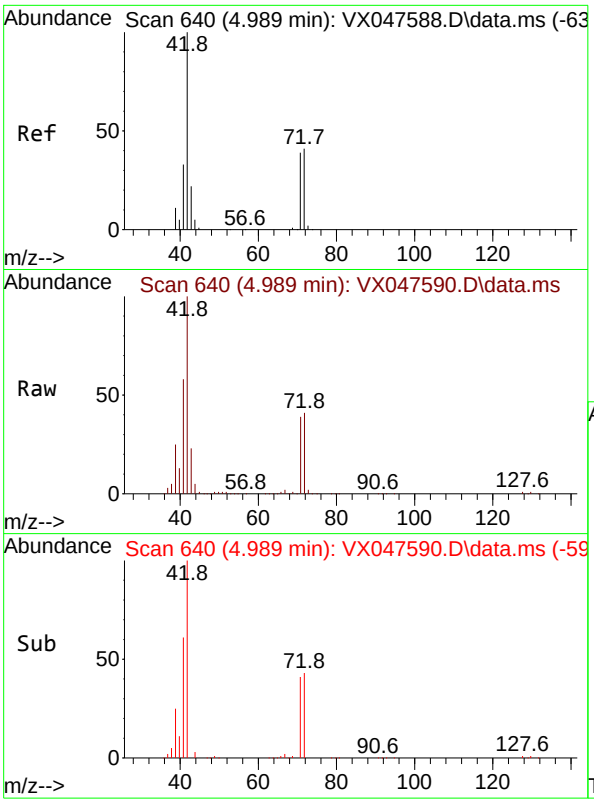


#28
Bromochloromethane
Concen: 171.451 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 49 Resp: 289548

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	73.2	57.8	86.8

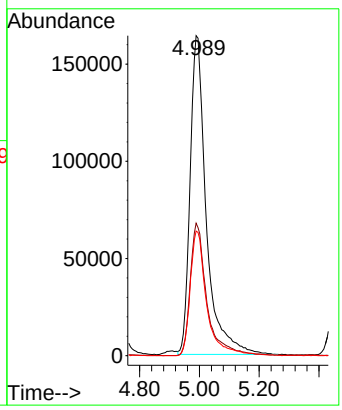




#29
Tetrahydrofuran
Concen: 774.811 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 42 Resp: 61637

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	39.9	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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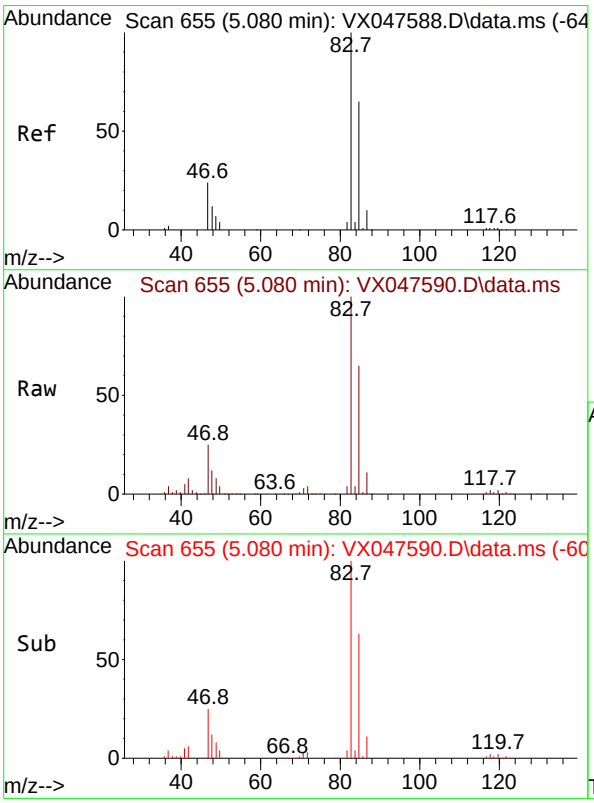
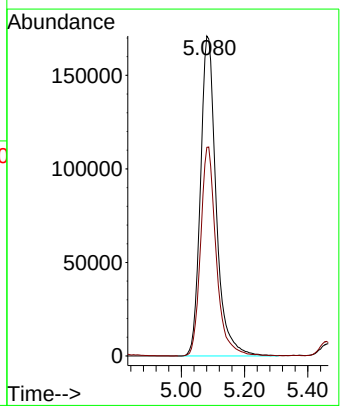
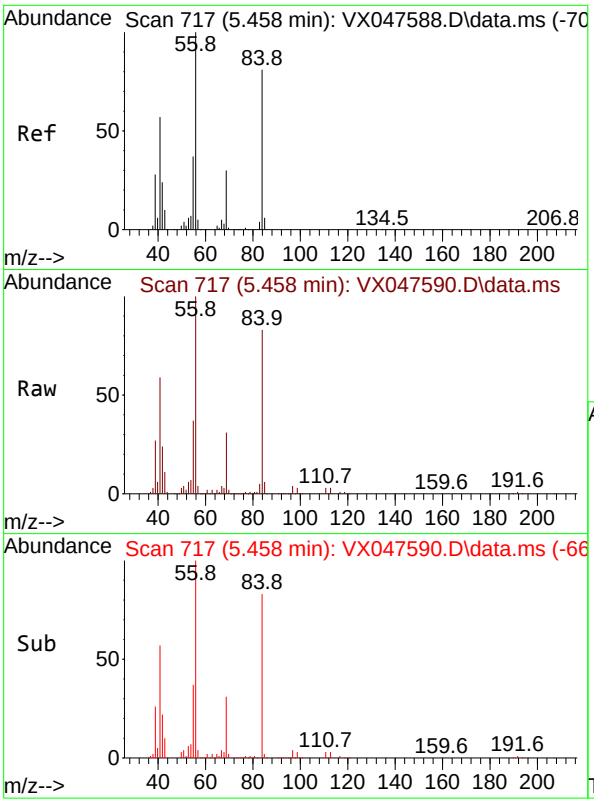


#30
Chloroform
Concen: 151.367 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 591709

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.6

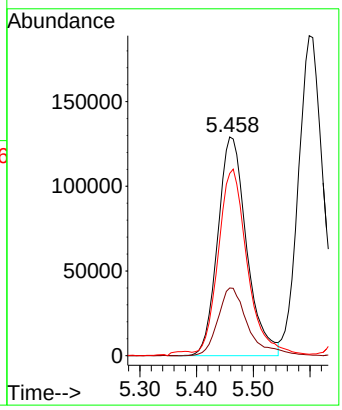




#31
Cyclohexane
Concen: 141.570 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 56 Resp: 45611

Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.8	35.8
84	81.5	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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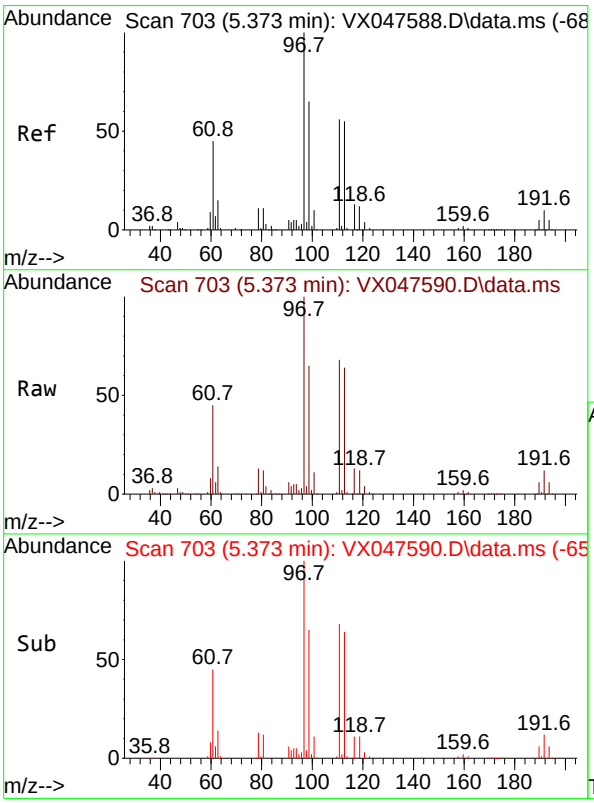
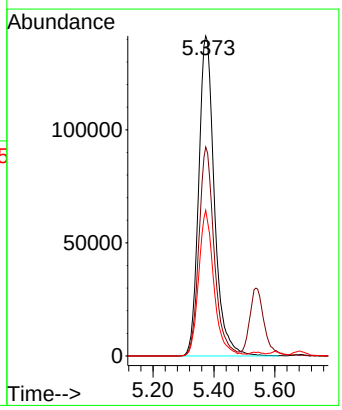
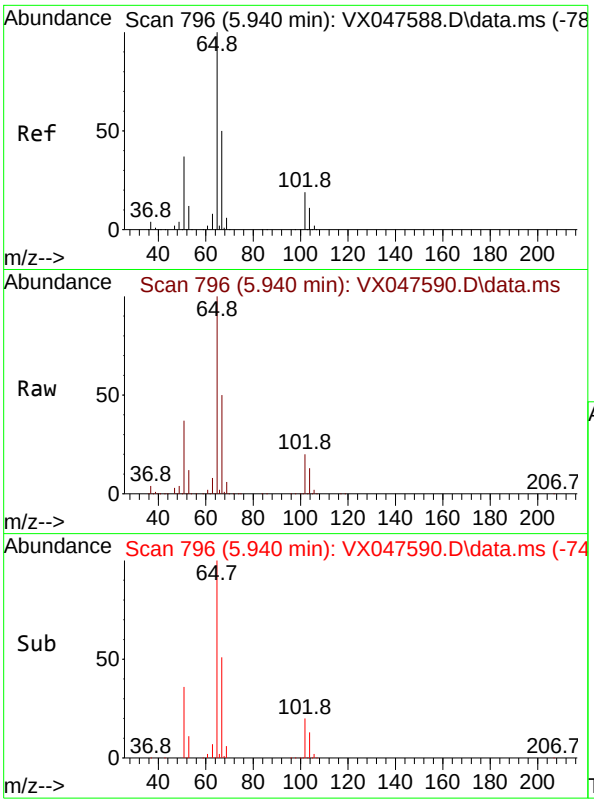


#32
1,1,1-Trichloroethane
Concen: 152.802 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 97 Resp: 506654

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	76.0
61	44.2	35.8	53.8

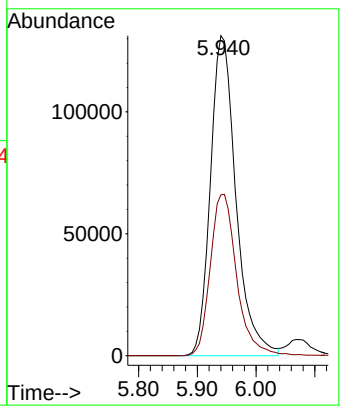




#33
1,2-Dichloroethane-d4
Concen: 162.673 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 65 Resp: 39662

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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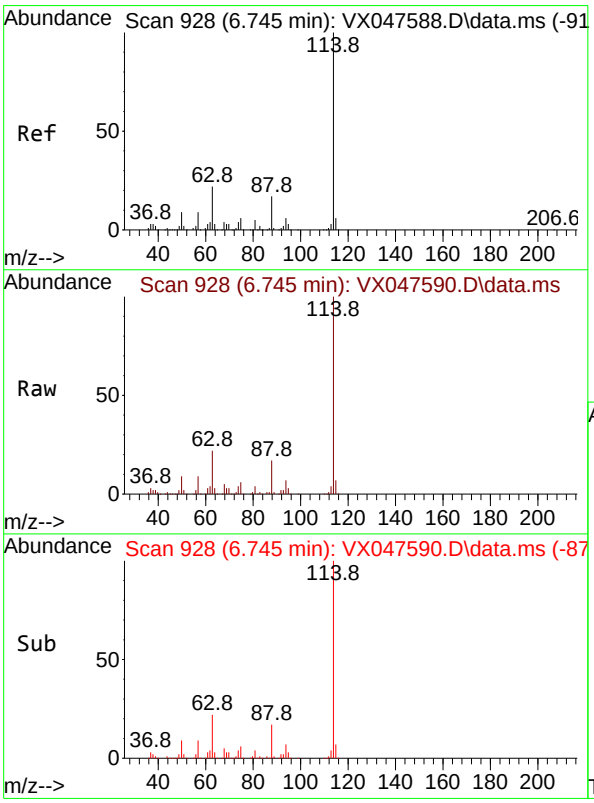
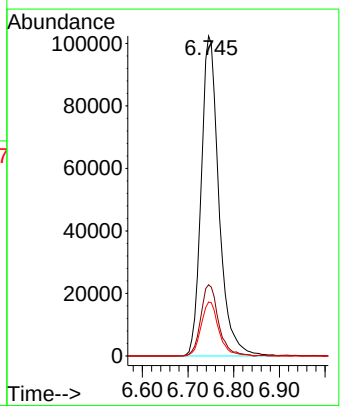
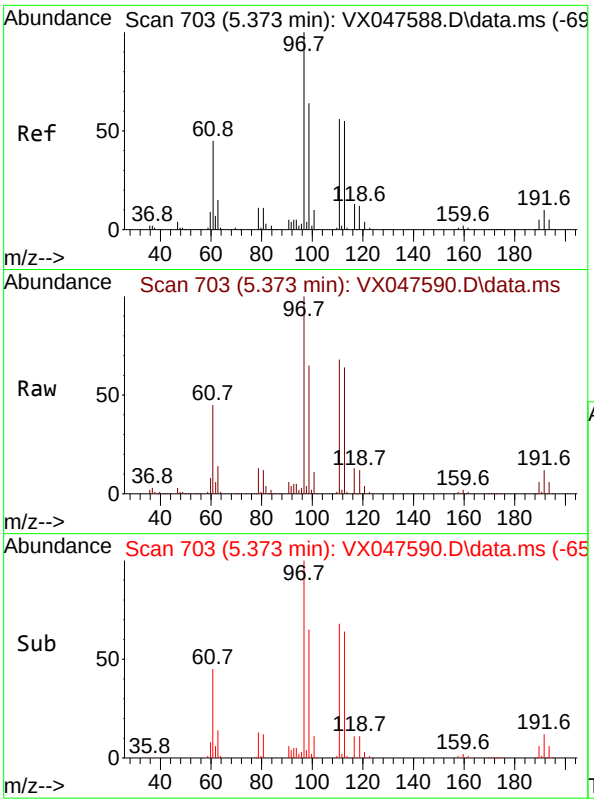


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:114 Resp: 274804

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2

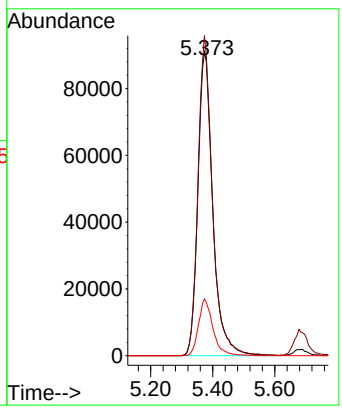




#35
Dibromofluoromethane
Concen: 164.802 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:113 Resp: 30372

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.9	121.3
192	18.1	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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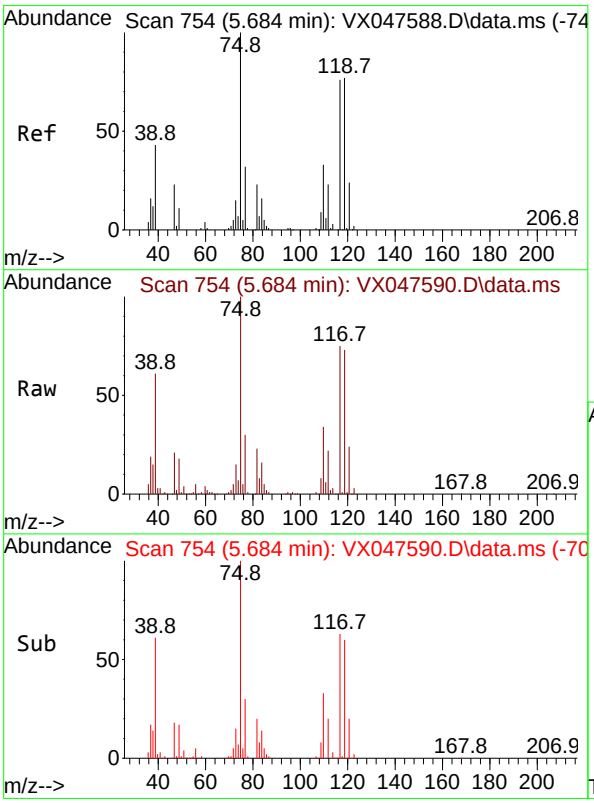
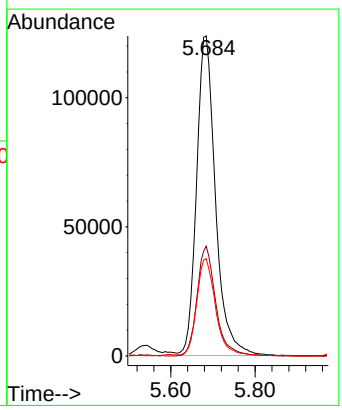
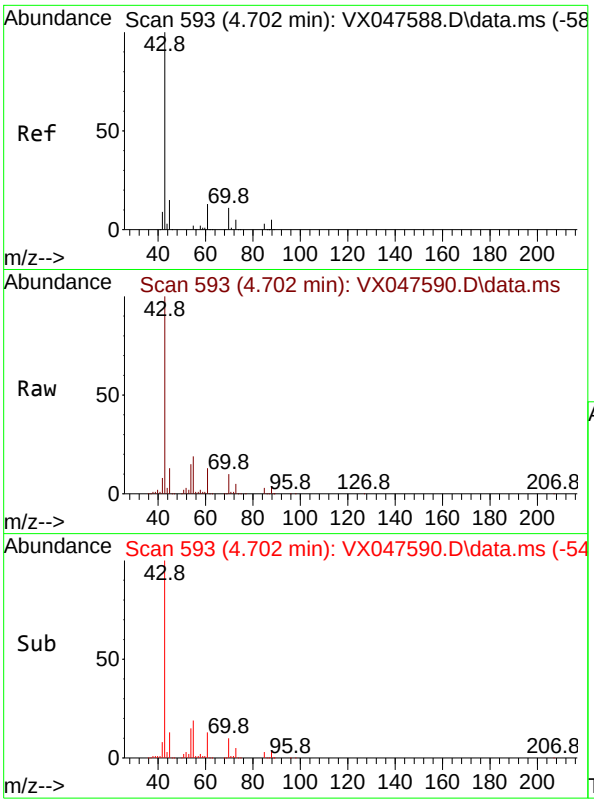


#36
1,1-Dichloropropene
Concen: 143.556 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 386601

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	30.6	24.3	36.5





#37
Ethyl Acetate
Concen: 154.141 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 44446

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.8	14.8
70	9.5	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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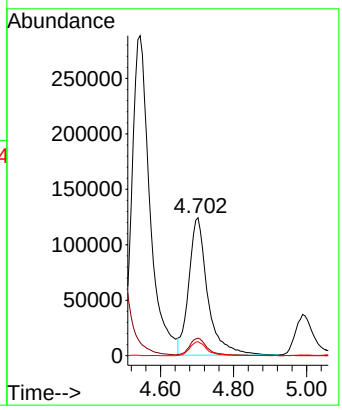
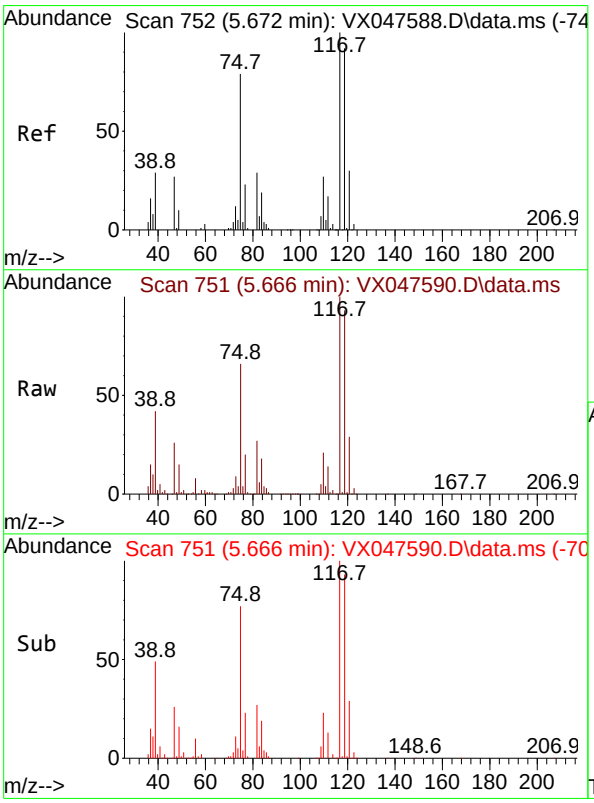
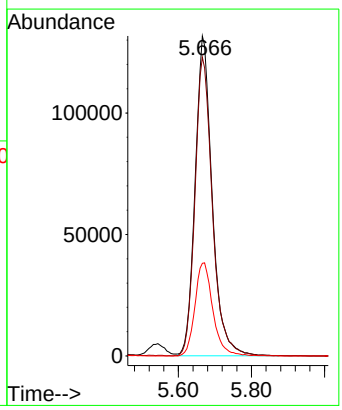


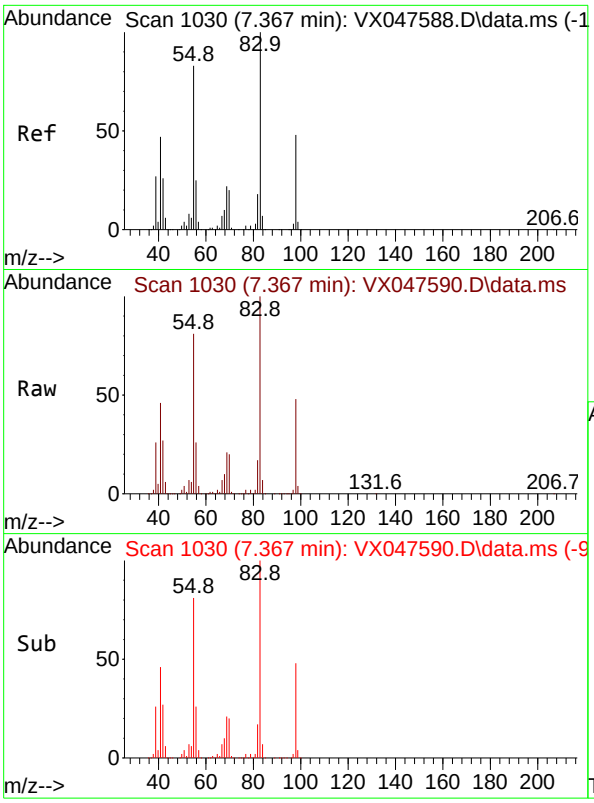


#38
Carbon Tetrachloride
Concen: 146.021 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 427263

Ion	Ratio	Lower	Upper
117	100		
119	93.3	73.4	110.2
121	29.0	23.8	35.6

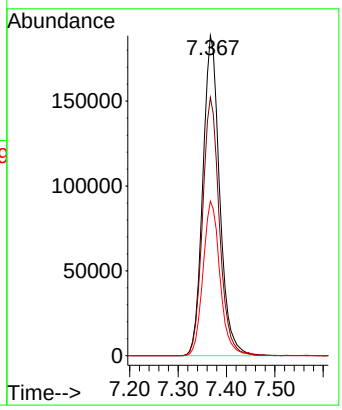




#39
Methylcyclohexane
Concen: 149.395 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 45669

Ion	Ratio	Lower	Upper
83	100		
55	80.7	66.4	99.6
98	48.3	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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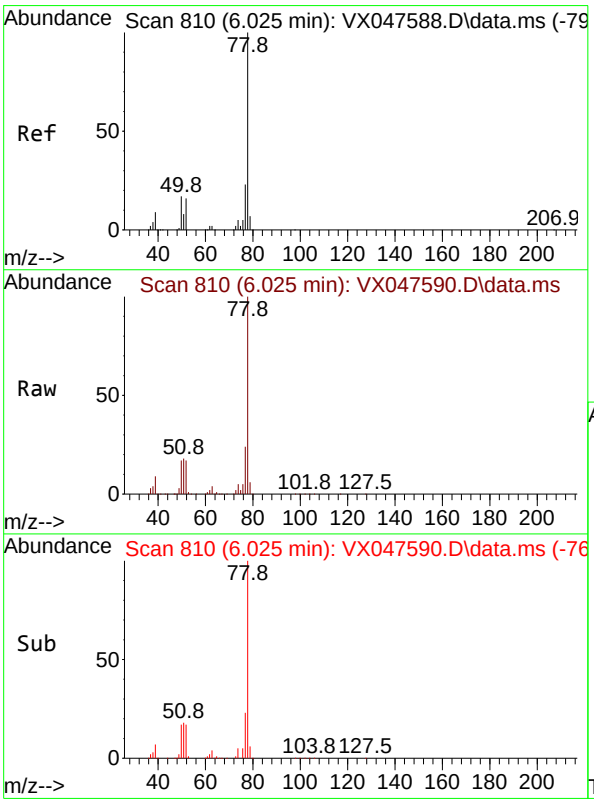
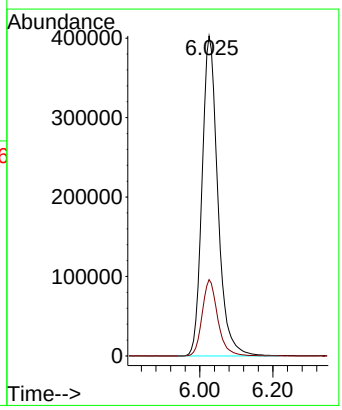
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

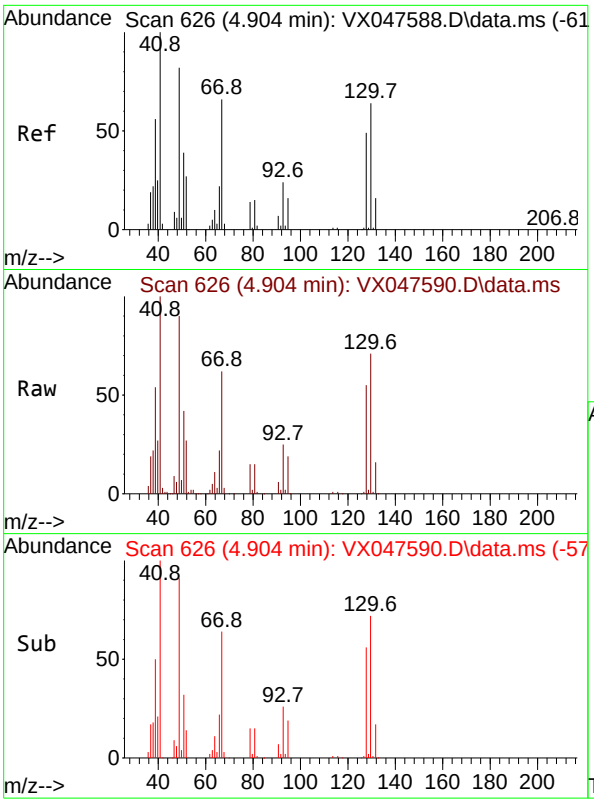


#40
Benzene
Concen: 147.057 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 78 Resp: 1202846

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2

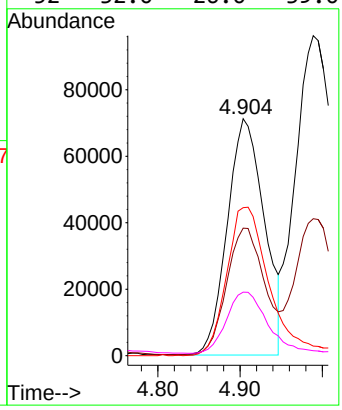




#41
Methacrylonitrile
Concen: 149.951 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 22321

Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.3	64.9
67	74.6	58.6	87.8
52	32.0	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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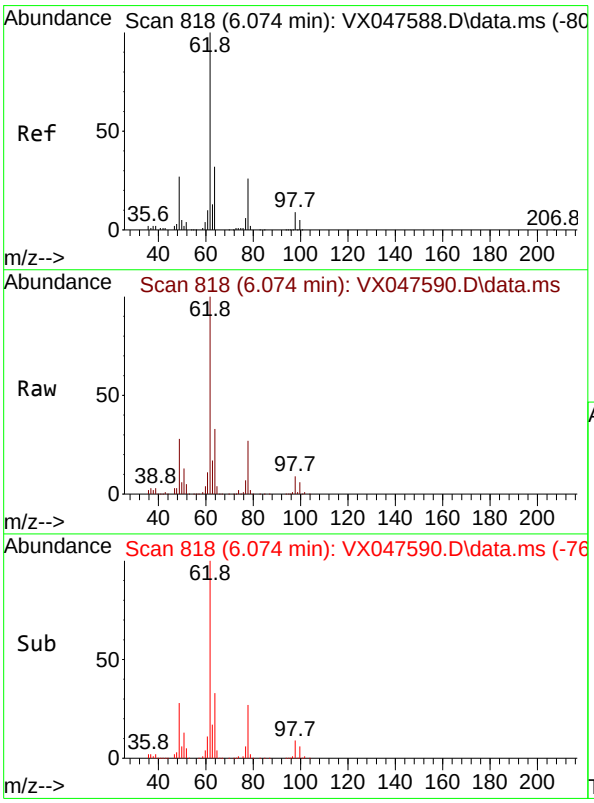
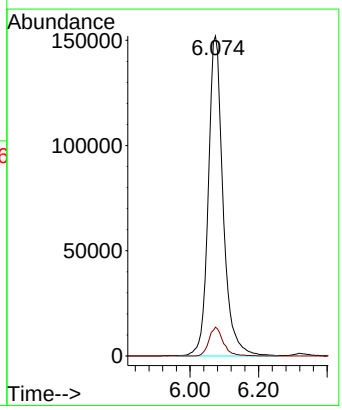
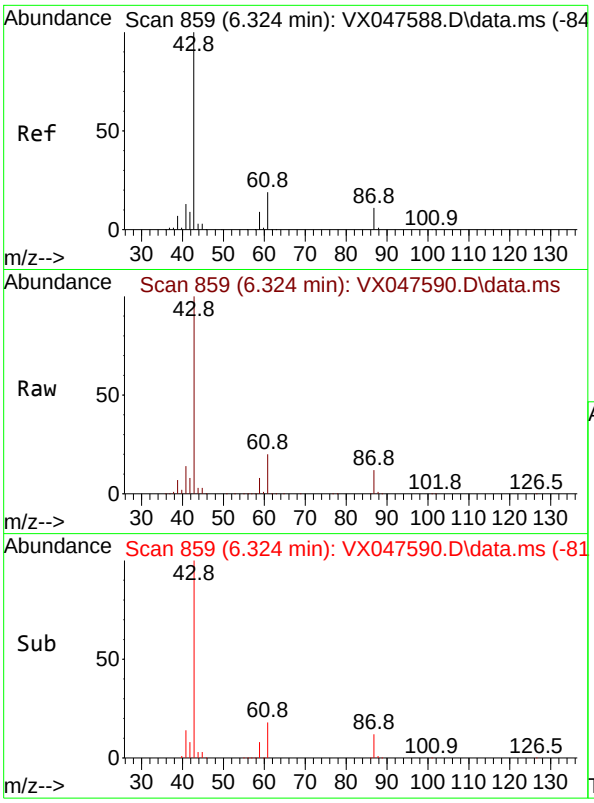


#42
1,2-Dichloroethane
Concen: 146.515 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 455978

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

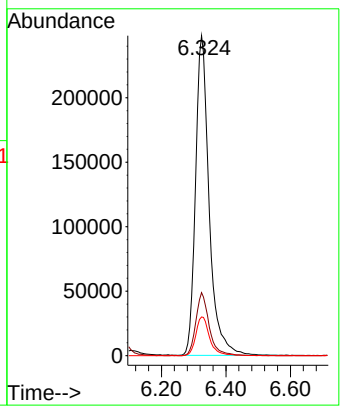




#43
Isopropyl Acetate
Concen: 153.283 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 72488

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	12.3	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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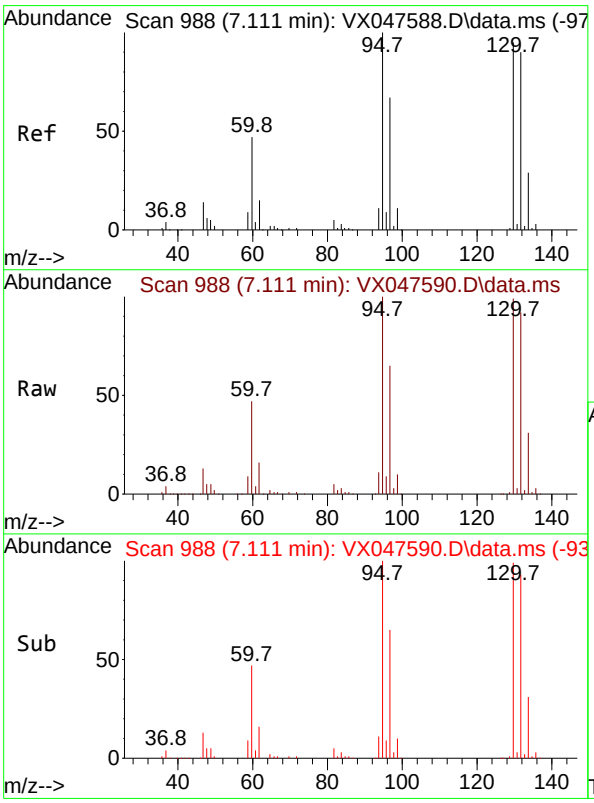
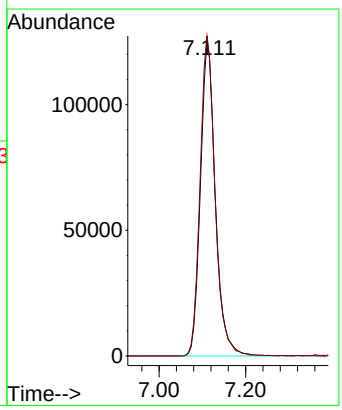
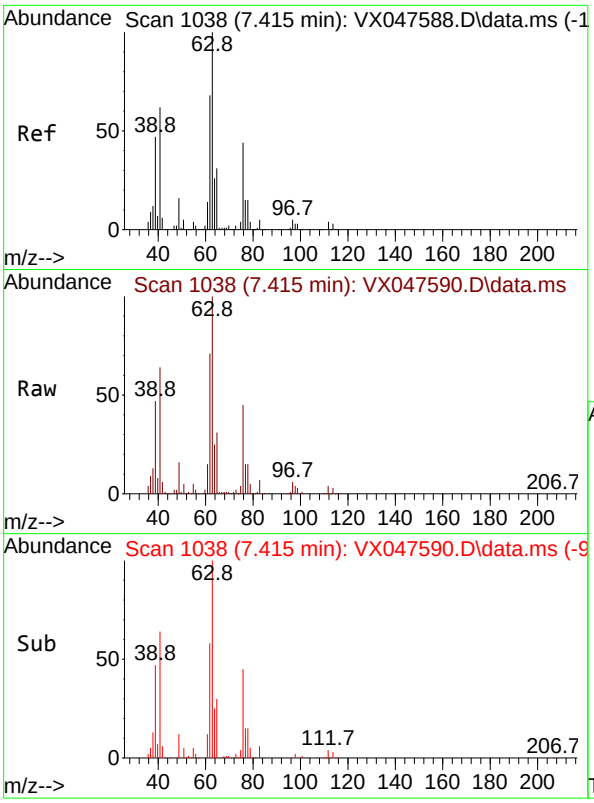


#44
Trichloroethene
Concen: 151.542 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:130 Resp: 299673

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	210.8

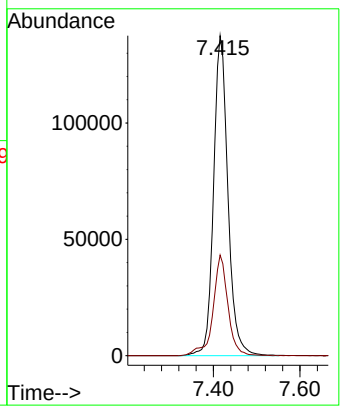




#45
1,2-Dichloropropane
Concen: 151.219 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 31672

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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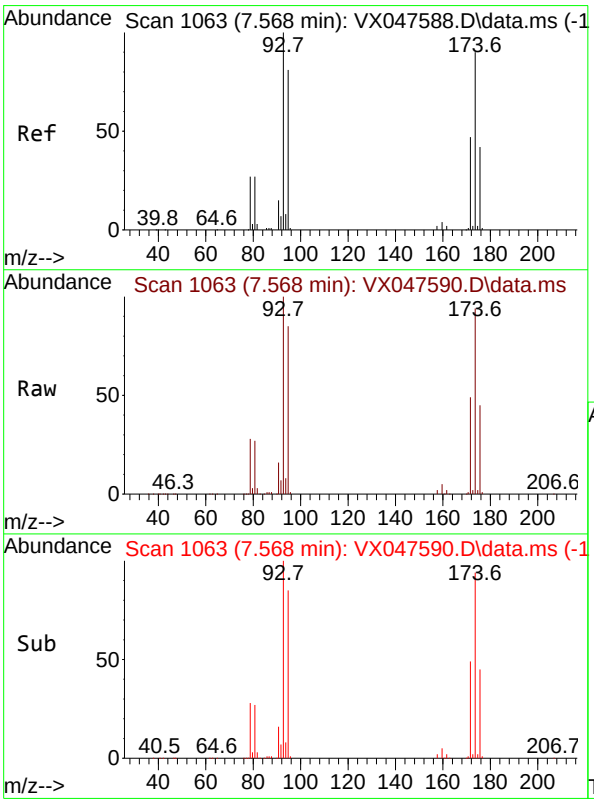
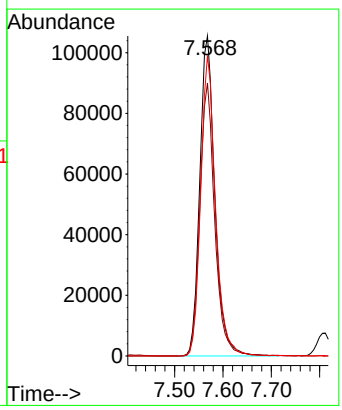
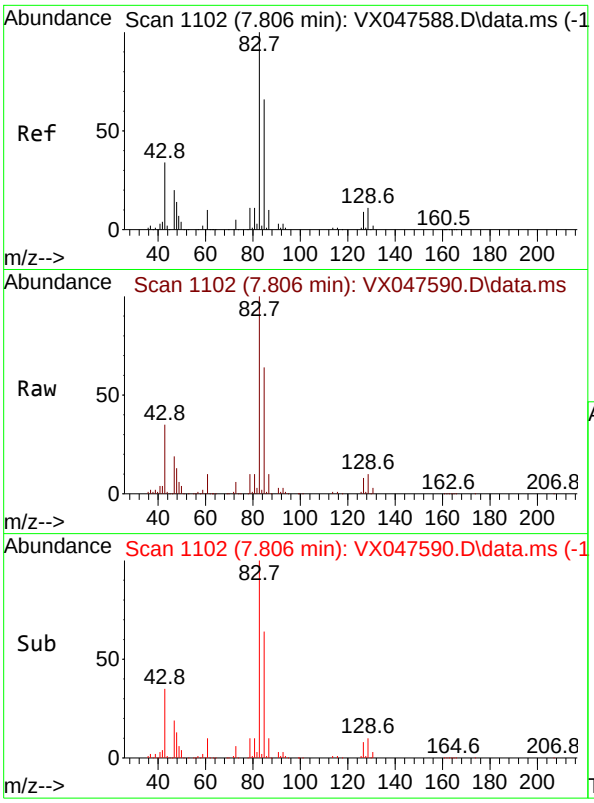


#46
Dibromomethane
Concen: 149.954 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 93 Resp: 228550

Ion	Ratio	Lower	Upper
93	100		
95	84.2	65.0	97.6
174	92.5	71.6	107.4

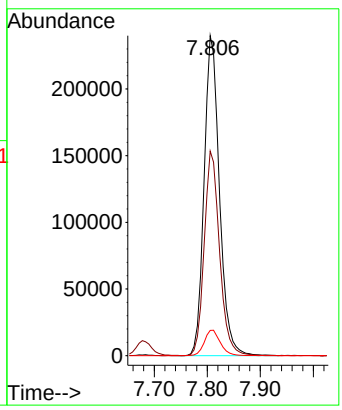




#47
Bromodichloromethane
Concen: 153.710 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 48343

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.5	78.7
127	7.9	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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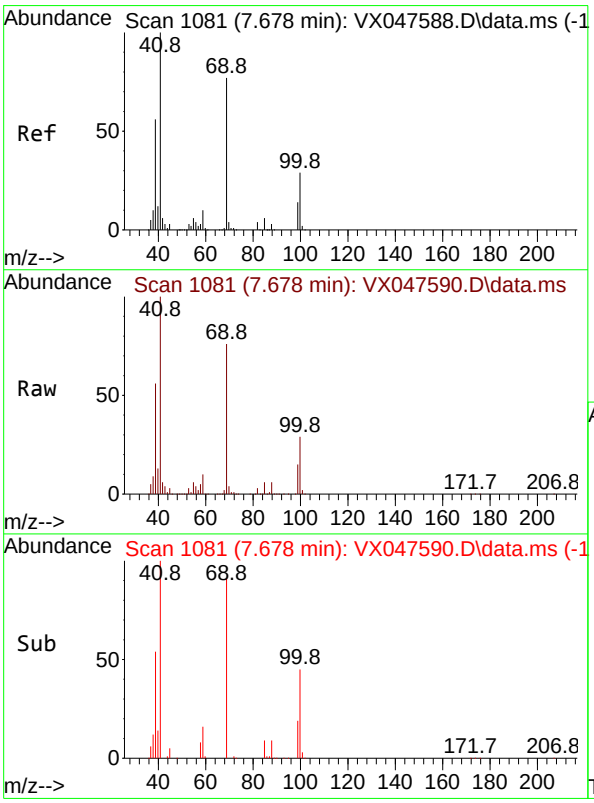
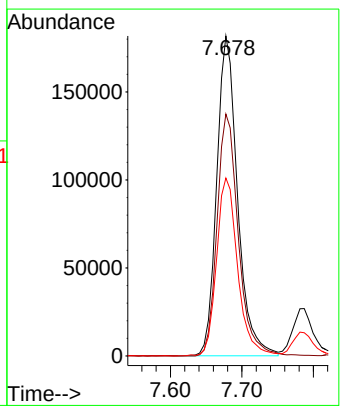
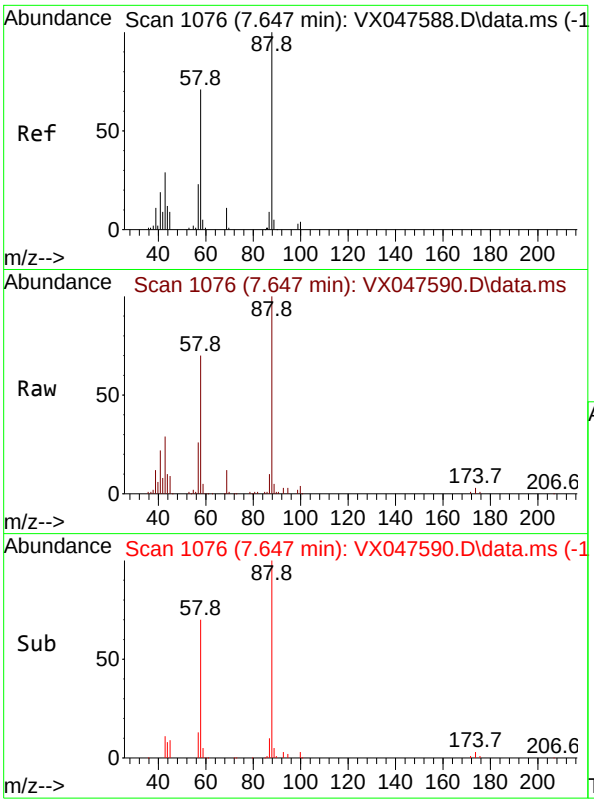


#48
Methyl methacrylate
Concen: 156.194 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 41 Resp: 367931

Ion	Ratio	Lower	Upper
41	100		
69	77.2	61.4	92.2
39	56.5	45.8	68.6

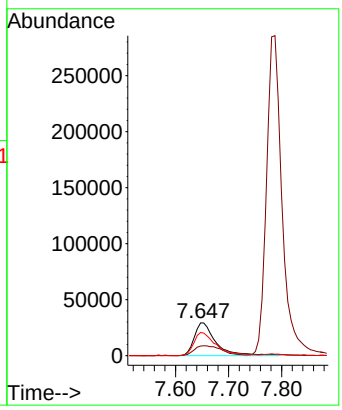




#49
1,4-Dioxane
Concen: 3475.565 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 88 Resp: 8273

Ion	Ratio	Lower	Upper
88	100		
43	38.5	30.2	45.2
58	73.0	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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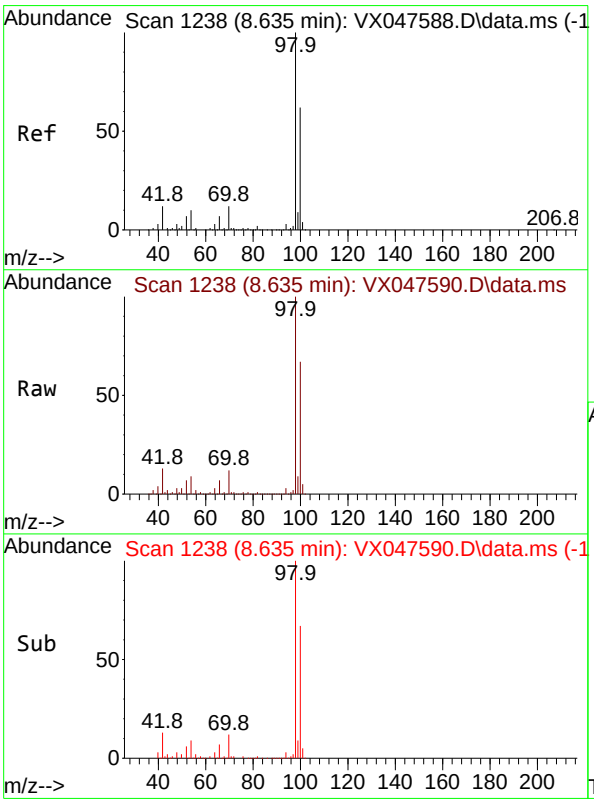
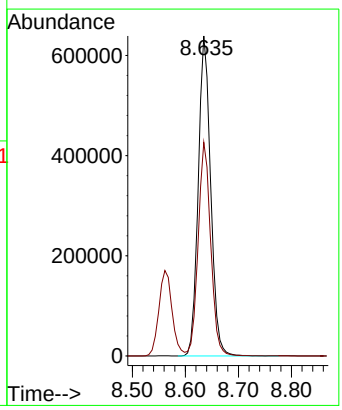
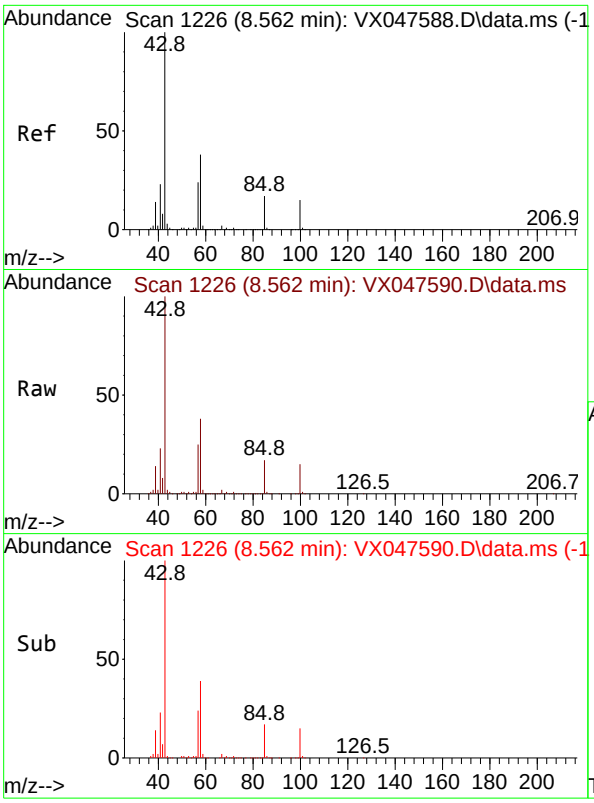


#50
Toluene-d8
Concen: 163.253 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 98 Resp: 1041079

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4

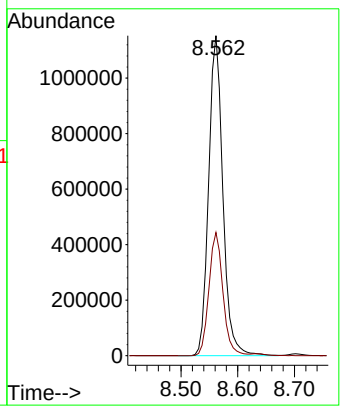




#51
4-Methyl-2-Pentanone
Concen: 765.849 ug/l
RT: 8.562 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 200806

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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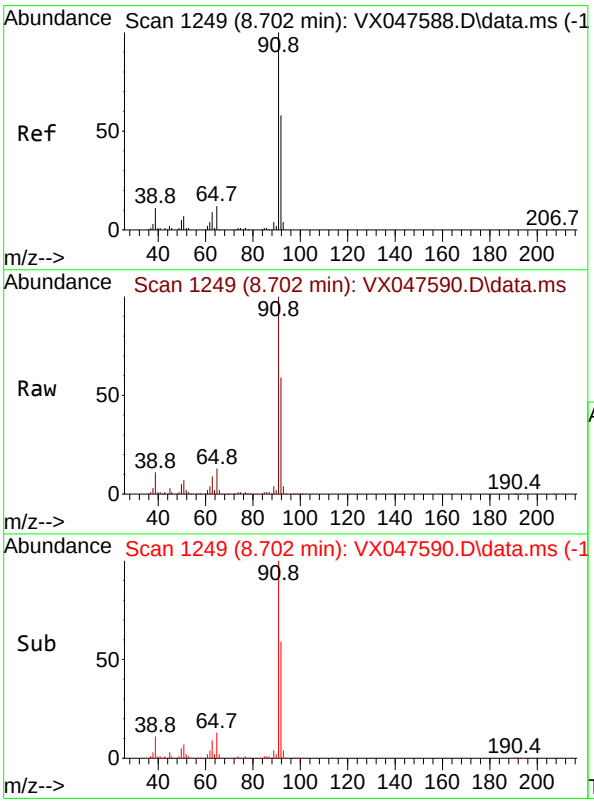
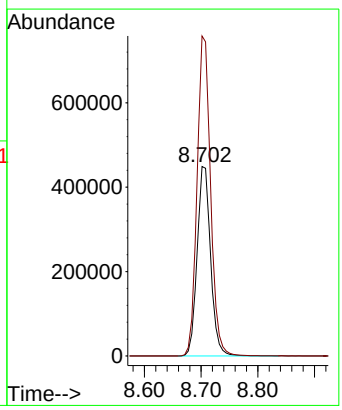
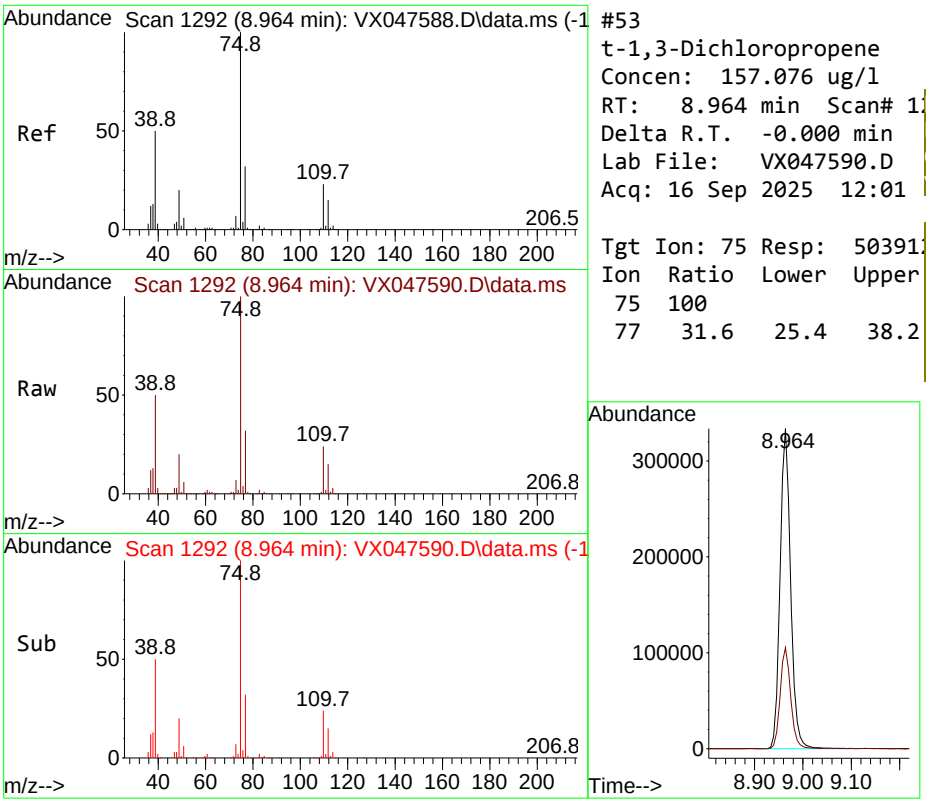


#52
Toluene
Concen: 146.712 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 92 Resp: 739332

Ion	Ratio	Lower	Upper
92	100		
91	169.5	137.1	205.7





#53
t-1,3-Dichloropropene
Concen: 157.076 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 50391

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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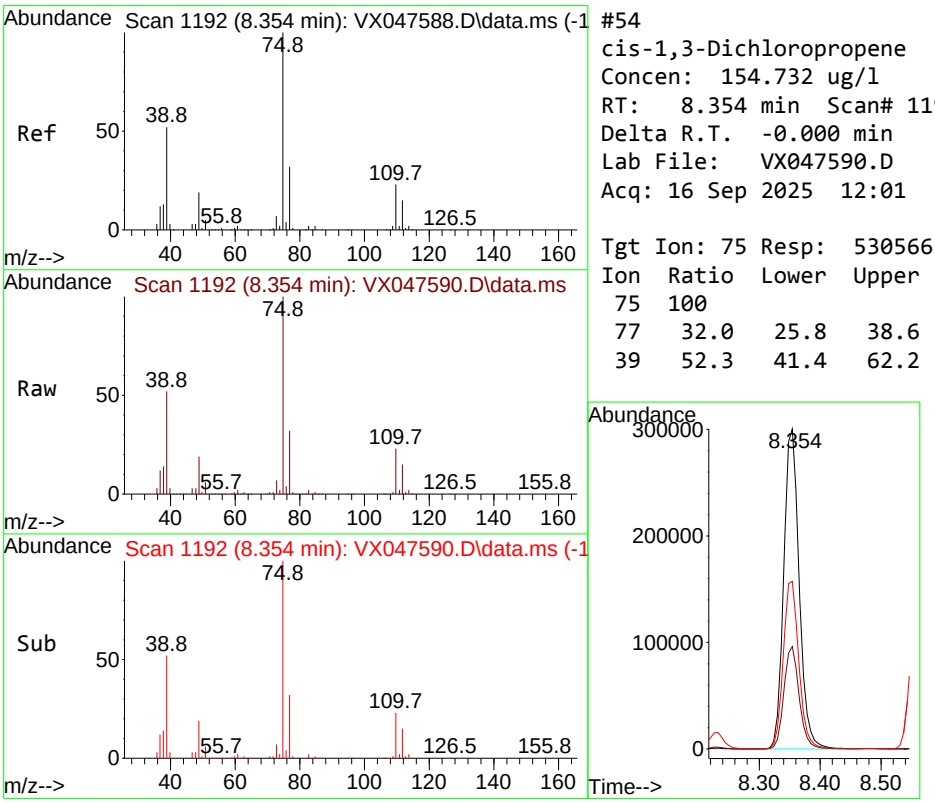
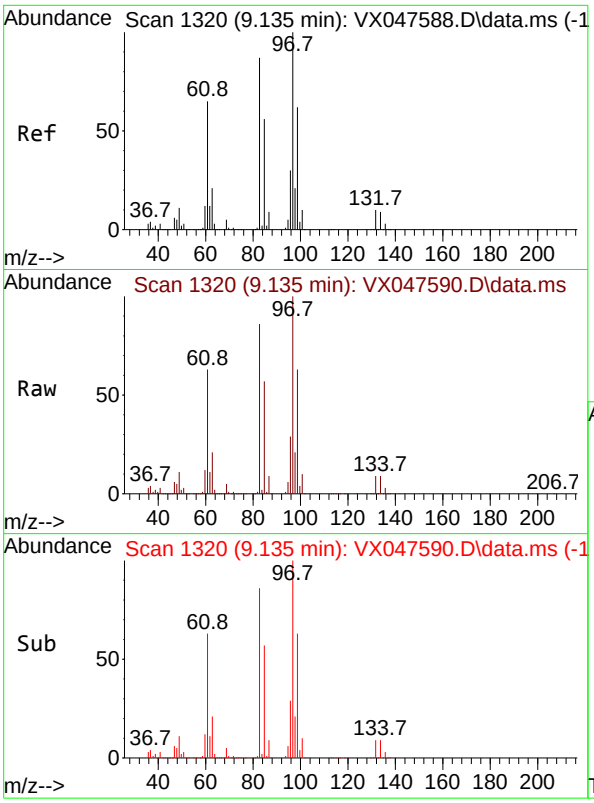


#54
cis-1,3-Dichloropropene
Concen: 154.732 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 530566

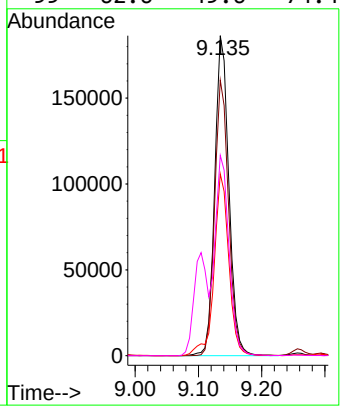
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
39	52.3	41.4	62.2



#55
1,1,2-Trichloroethane
Concen: 148.781 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 97 Resp: 28910

Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.6	104.4
85	56.8	45.0	67.6
99	62.6	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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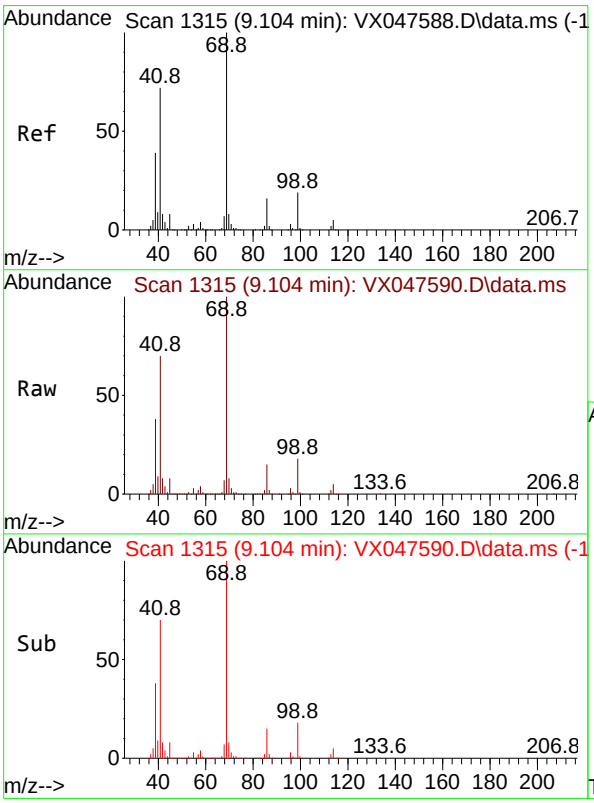
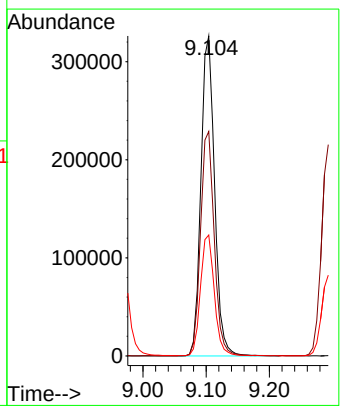
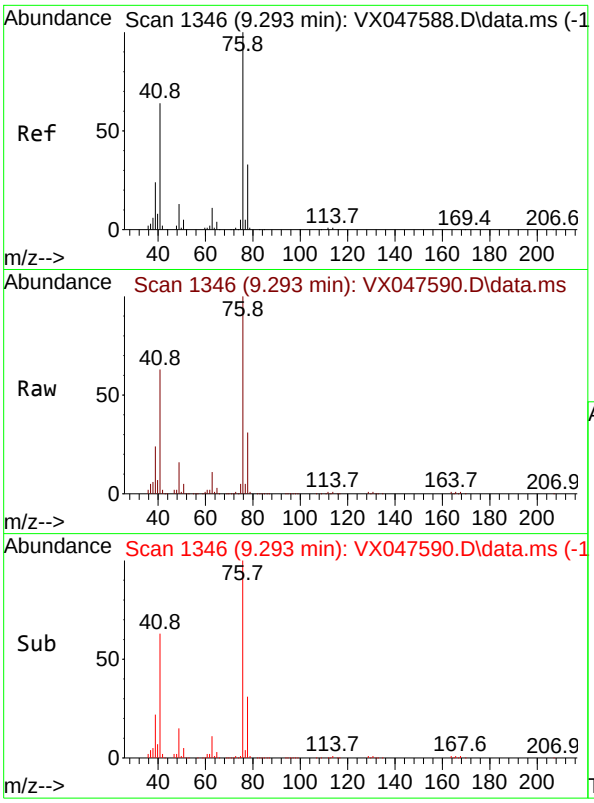


#56
Ethyl methacrylate
Concen: 160.773 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 69 Resp: 490623

Ion	Ratio	Lower	Upper
69	100		
41	70.5	58.6	87.8
39	38.2	31.5	47.3

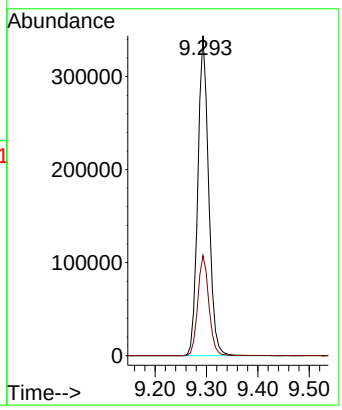




#57
1,3-Dichloropropane
Concen: 150.426 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 76 Resp: 50212

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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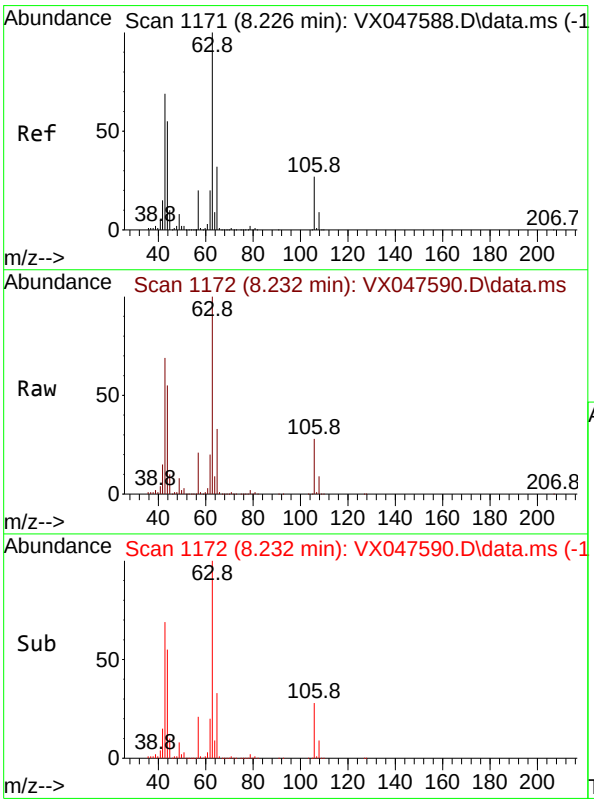
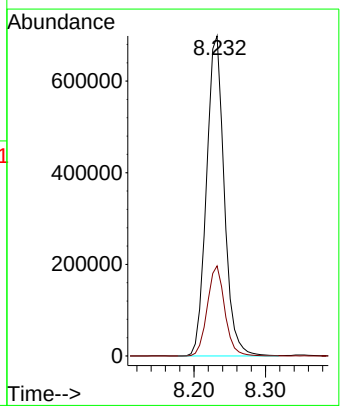
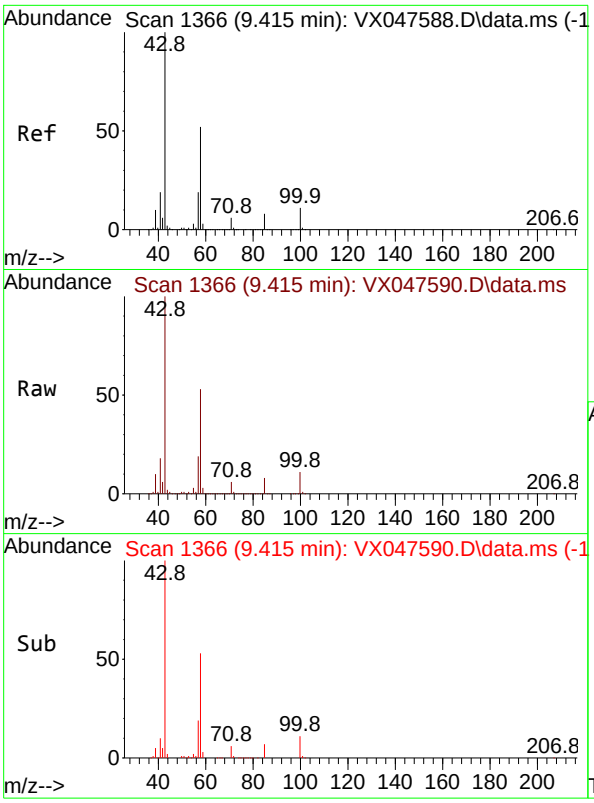


#58
2-Chloroethyl Vinyl ether
Concen: 749.661 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 1202206

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9

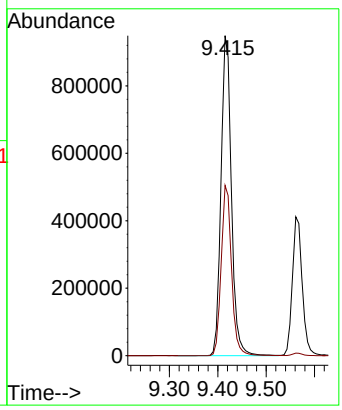




#59
2-Hexanone
Concen: 750.035 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 141241

Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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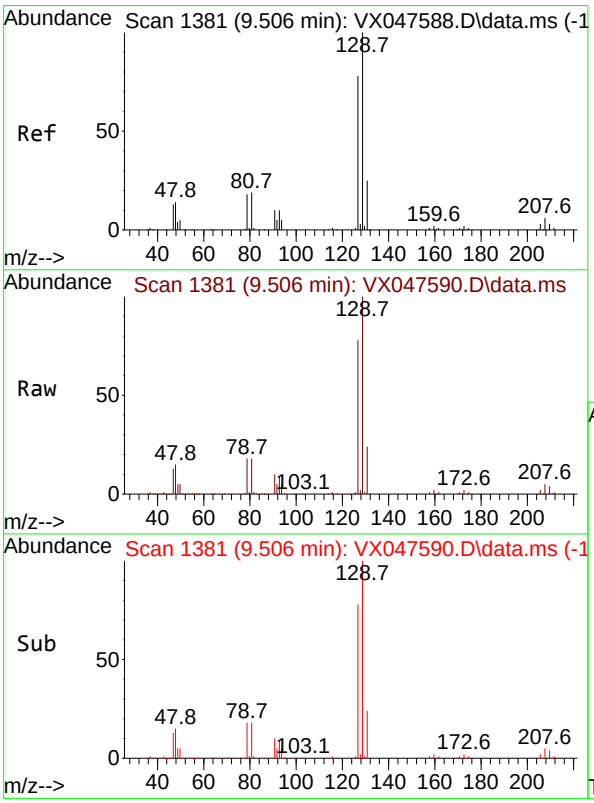
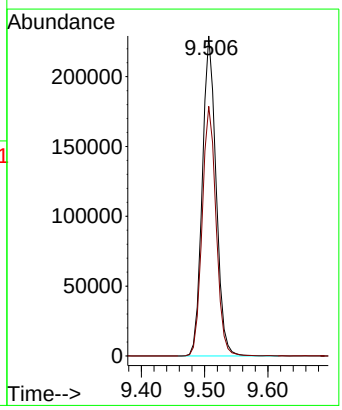
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

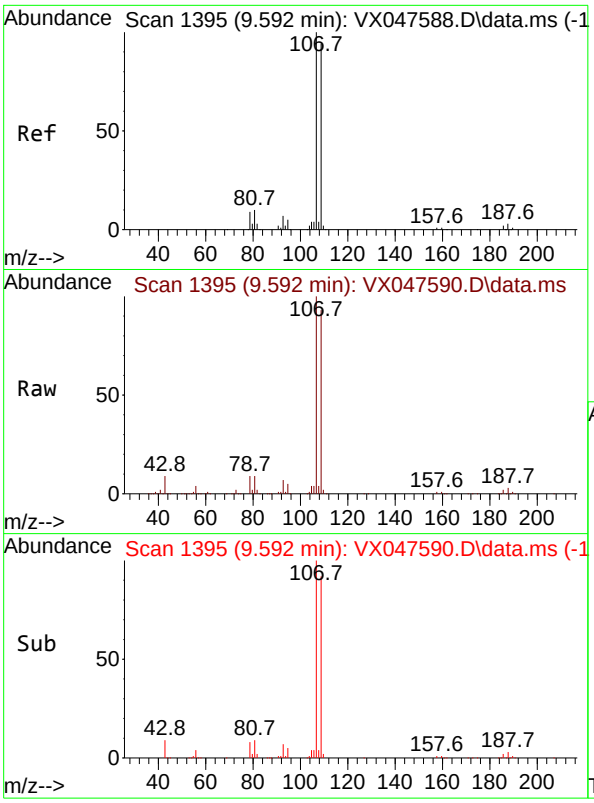


#60
Dibromochloromethane
Concen: 155.318 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:129 Resp: 347748

Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.4	115.2

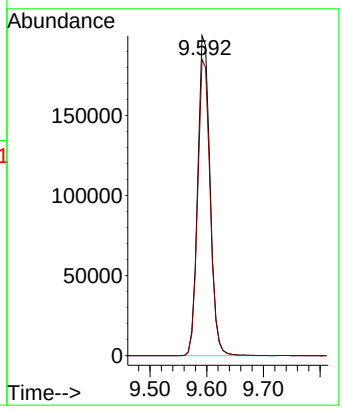




#61
1,2-Dibromoethane
Concen: 152.949 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:107 Resp: 30271

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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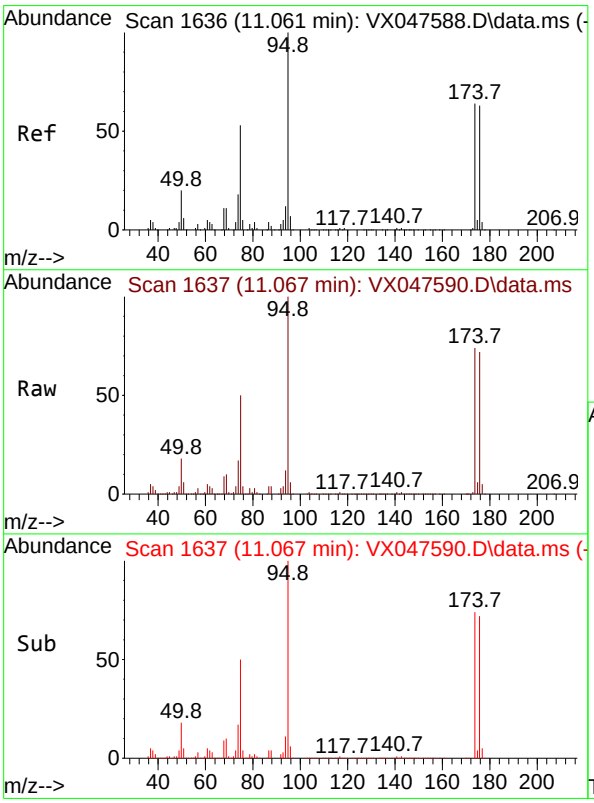
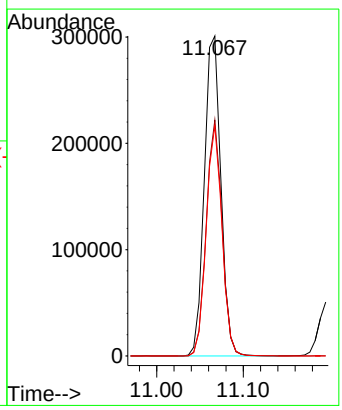
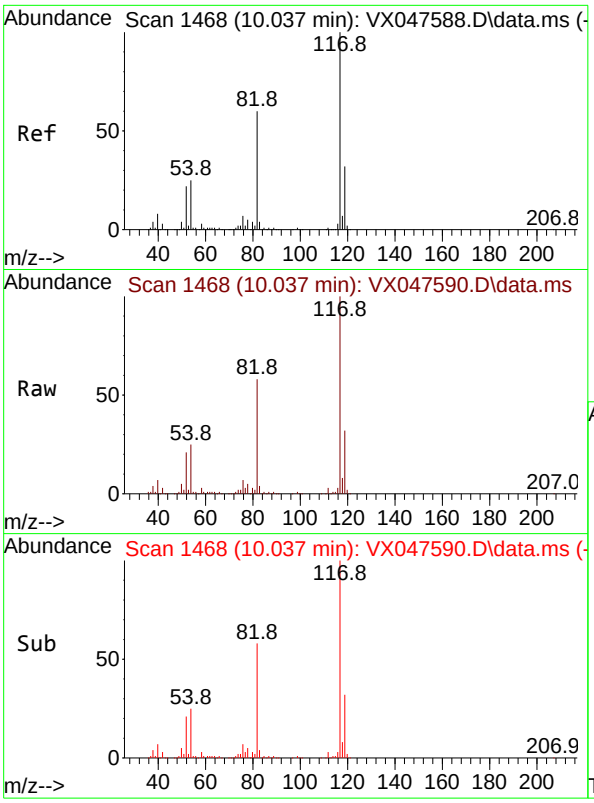


#62
4-Bromofluorobenzene
Concen: 165.020 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 95 Resp: 399386

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	141.6
176	68.5	0.0	138.4

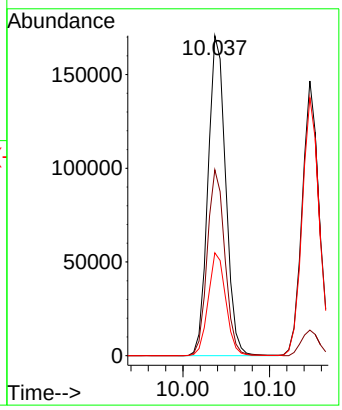




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 24181

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.6
119	32.2	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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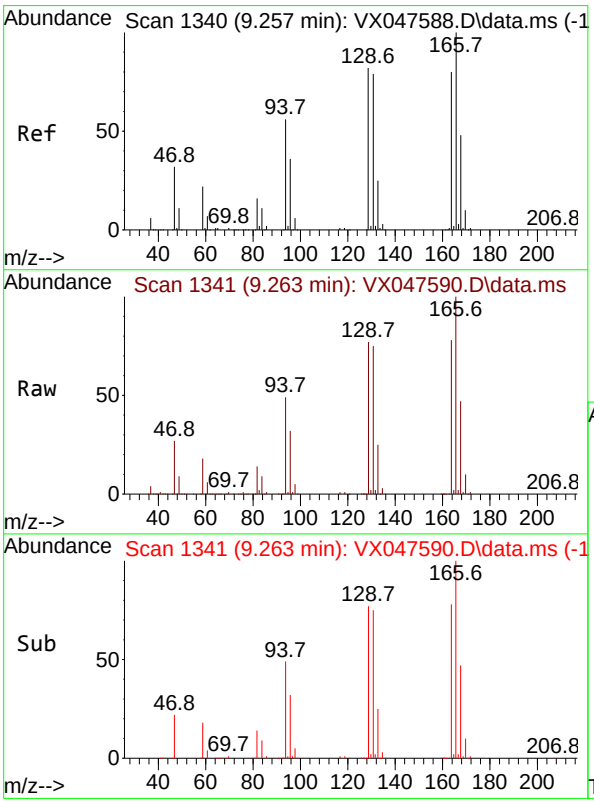
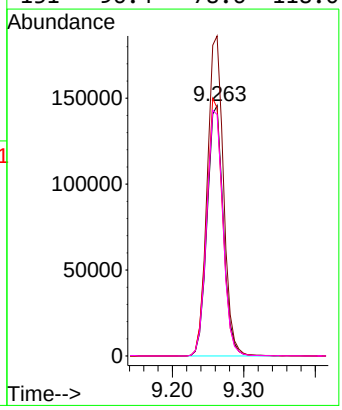
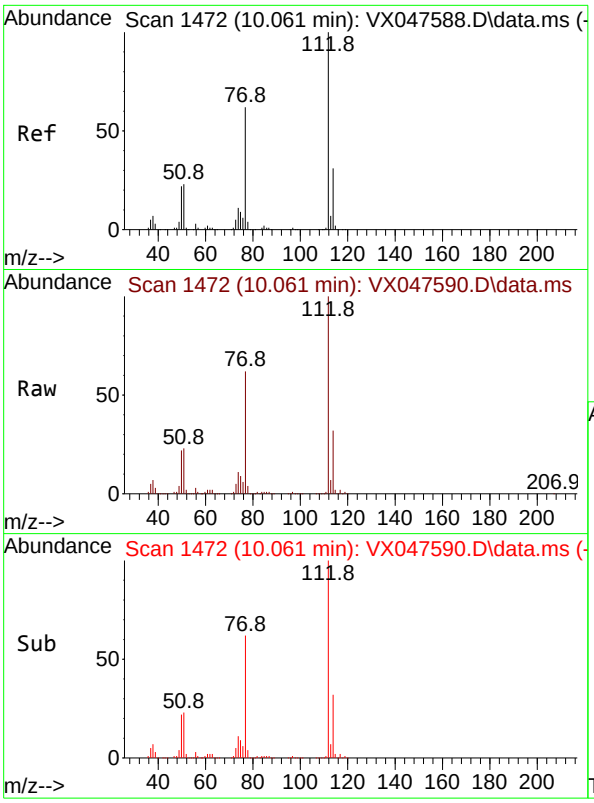


#64
Tetrachloroethene
Concen: 144.590 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:164 Resp: 227931

Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.2	150.2
129	99.0	81.8	122.6
131	96.4	78.6	118.0

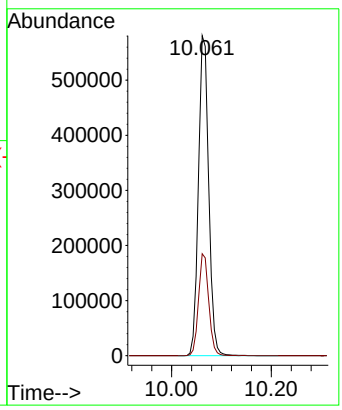




#65
Chlorobenzene
Concen: 150.763 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:112 Resp: 82823

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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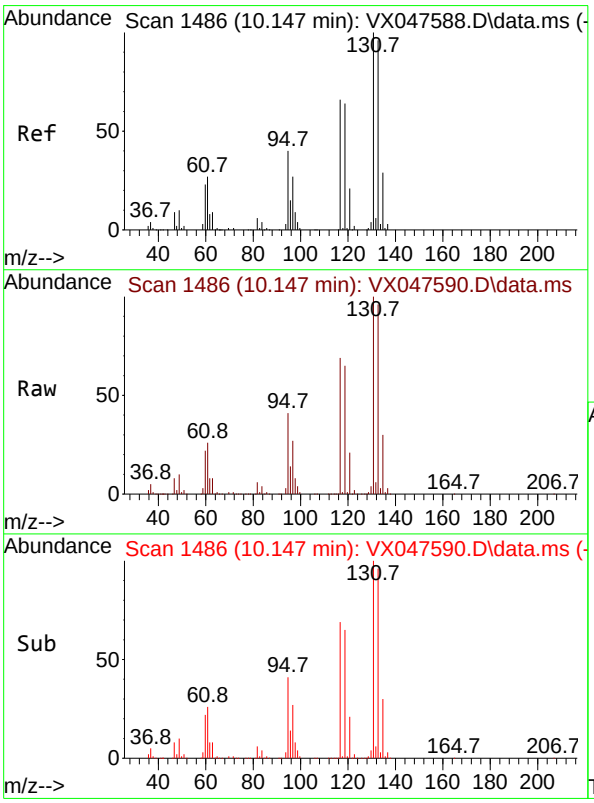
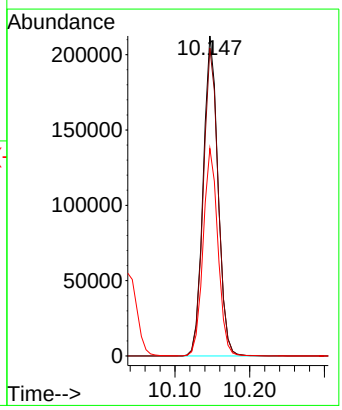
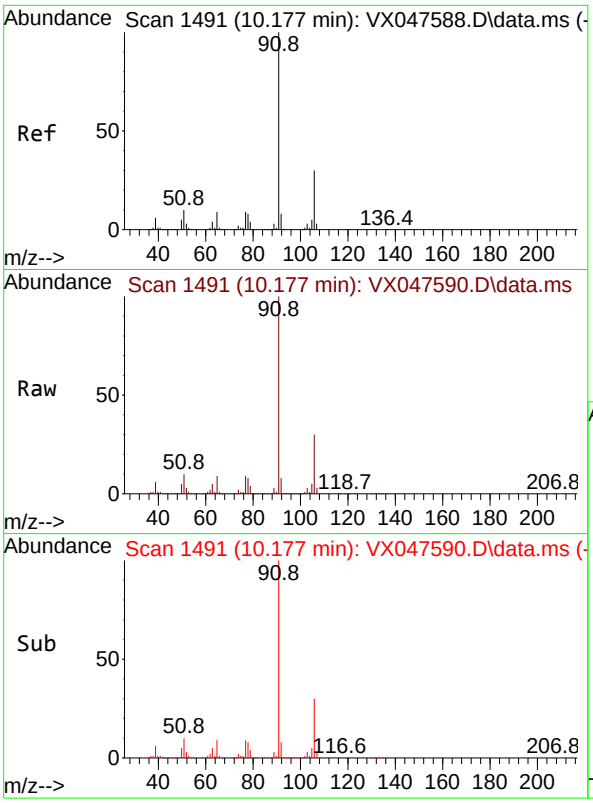


#66
1,1,1,2-Tetrachloroethane
Concen: 153.733 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:131 Resp: 291433

Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	142.0
119	64.8	32.0	96.0

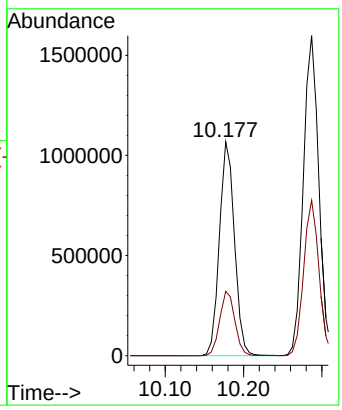




#67
Ethyl Benzene
Concen: 151.026 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 143155

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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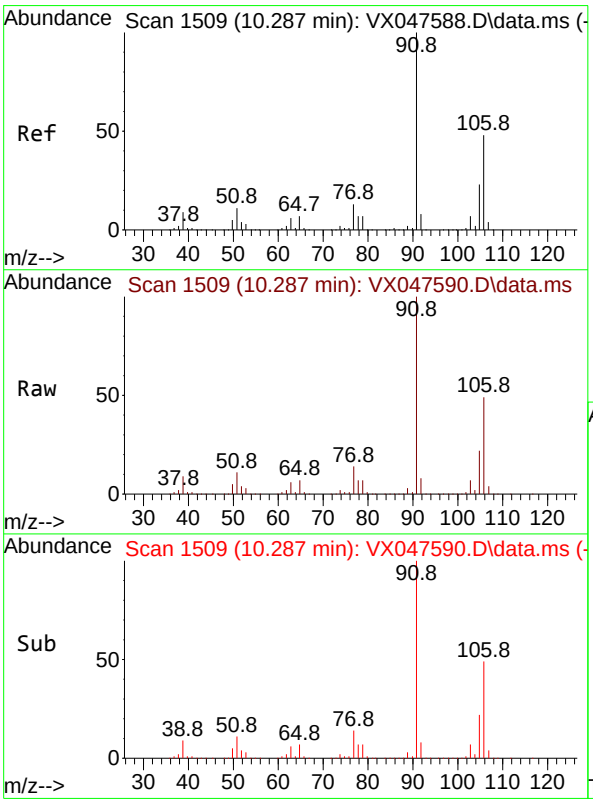
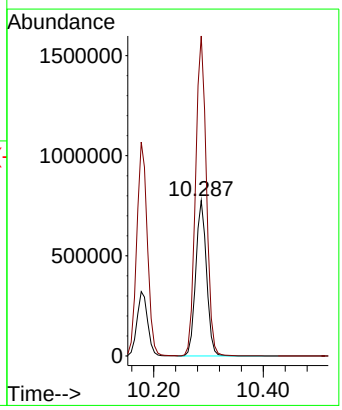
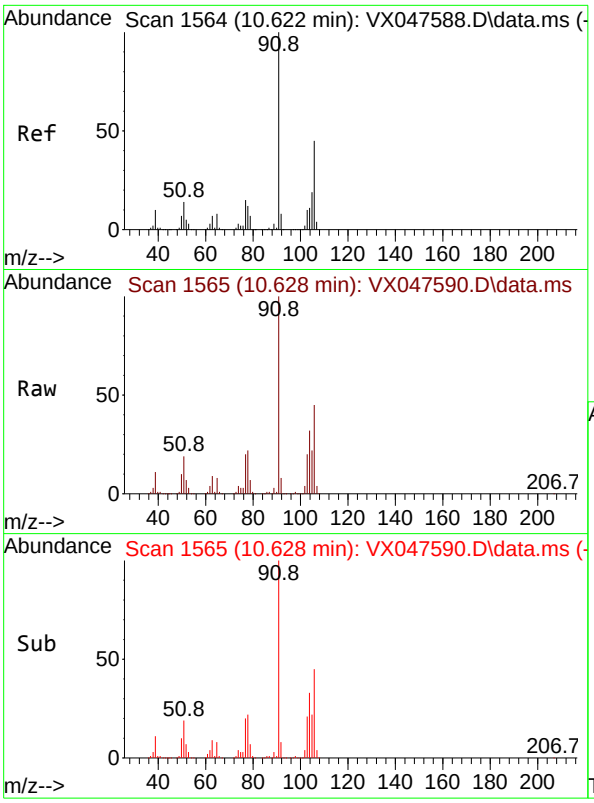


#68
m/p-Xylenes
Concen: 300.381 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:106 Resp: 1059776

Ion	Ratio	Lower	Upper
106	100		
91	208.0	167.8	251.8

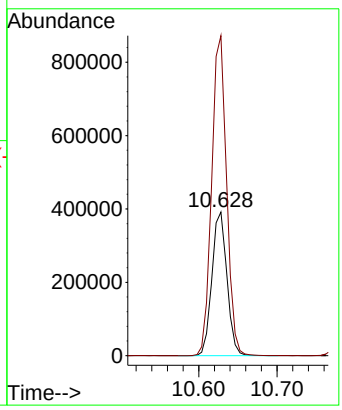




#69
o-Xylene
Concen: 152.920 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:106 Resp: 52184

Ion	Ratio	Lower	Upper
106	100		
91	220.7	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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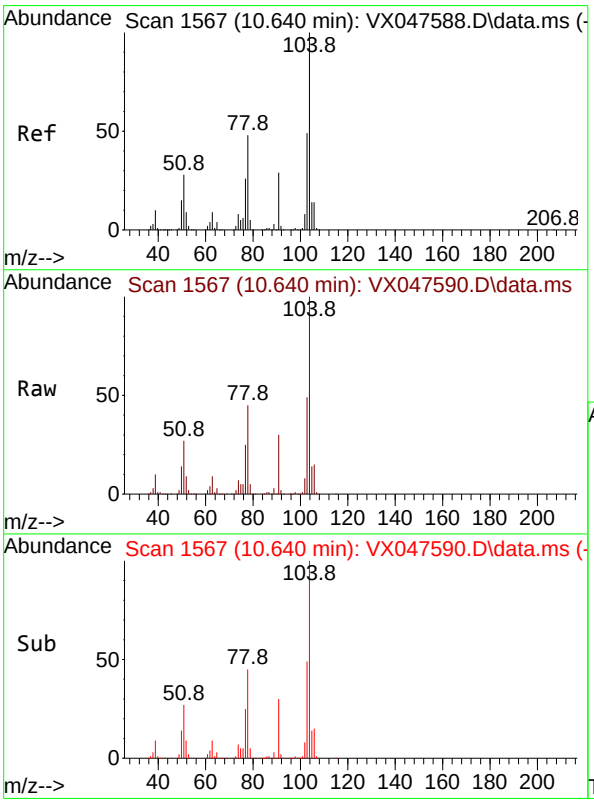
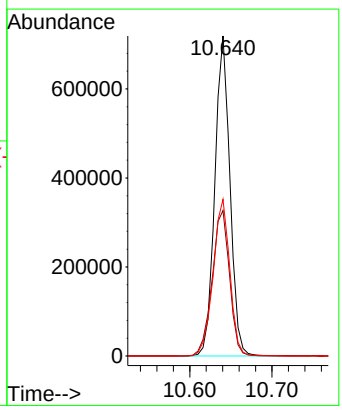
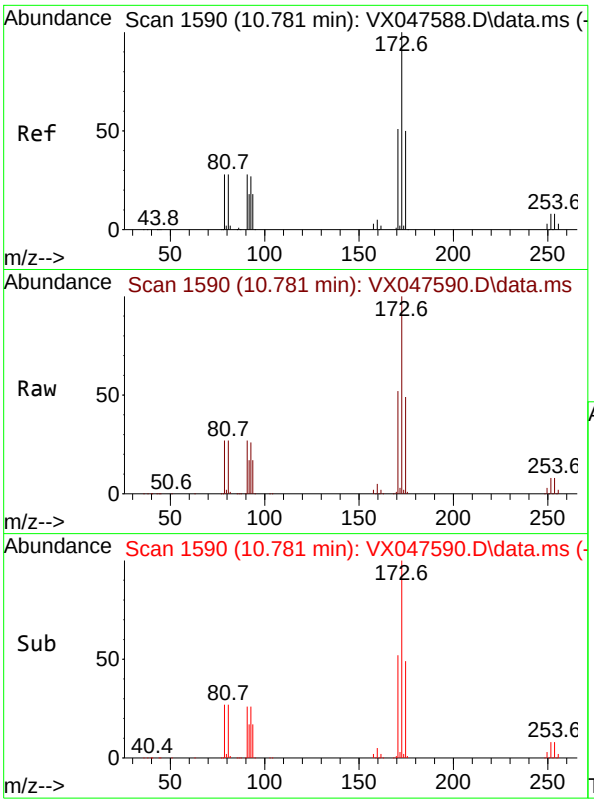


#70
Styrene
Concen: 153.449 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:104 Resp: 917532

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.0	43.1	64.7

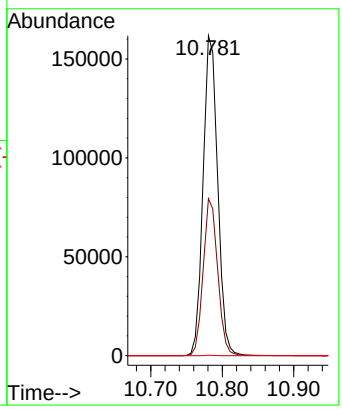




#71
Bromoform
Concen: 162.262 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:173 Resp: 22968

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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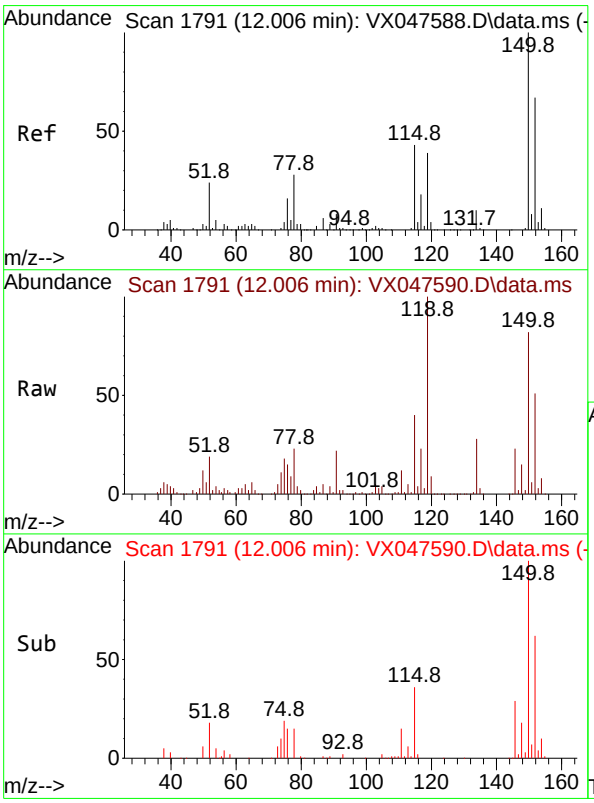
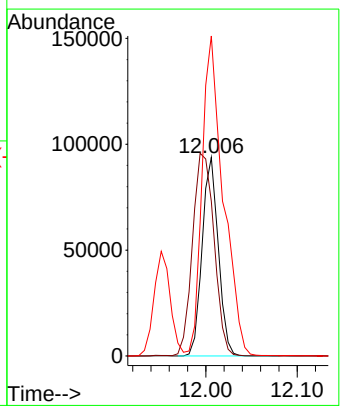
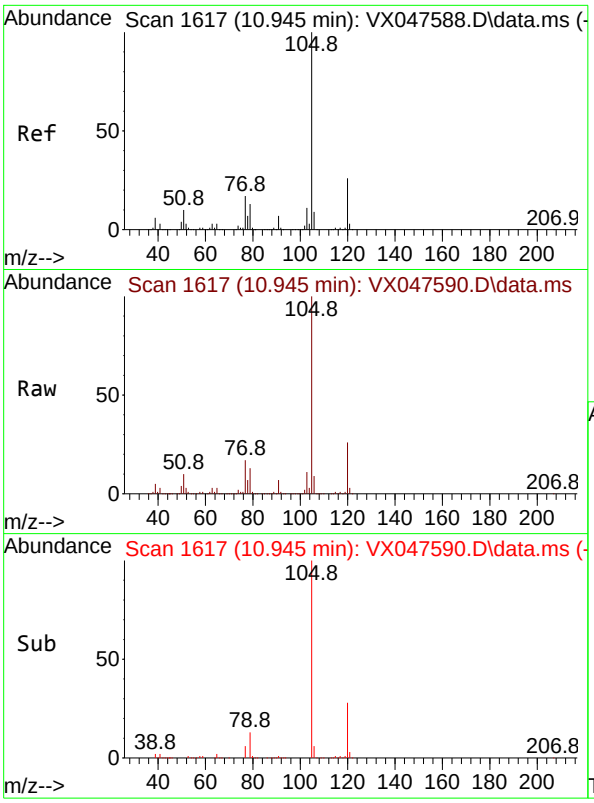


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:152 Resp: 114743

Ion	Ratio	Lower	Upper
152	100		
115	136.9	44.9	134.5#
150	212.9	0.0	352.0

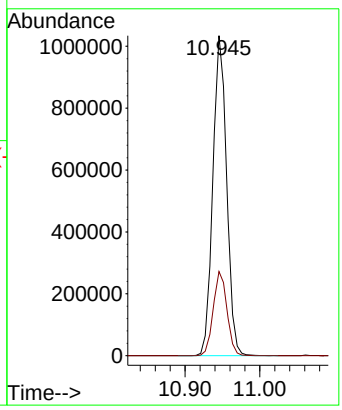




#73
Isopropylbenzene
Concen: 151.477 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 132140

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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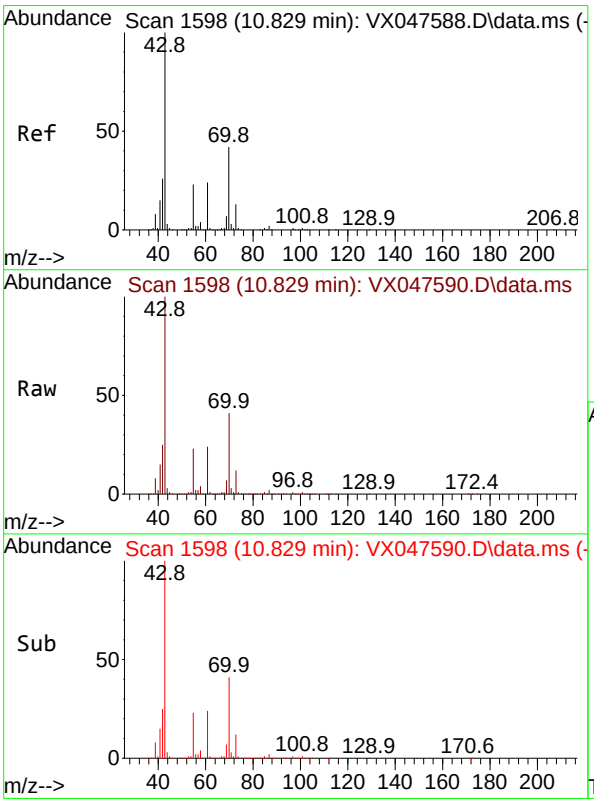
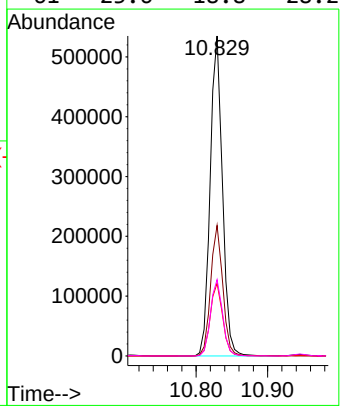
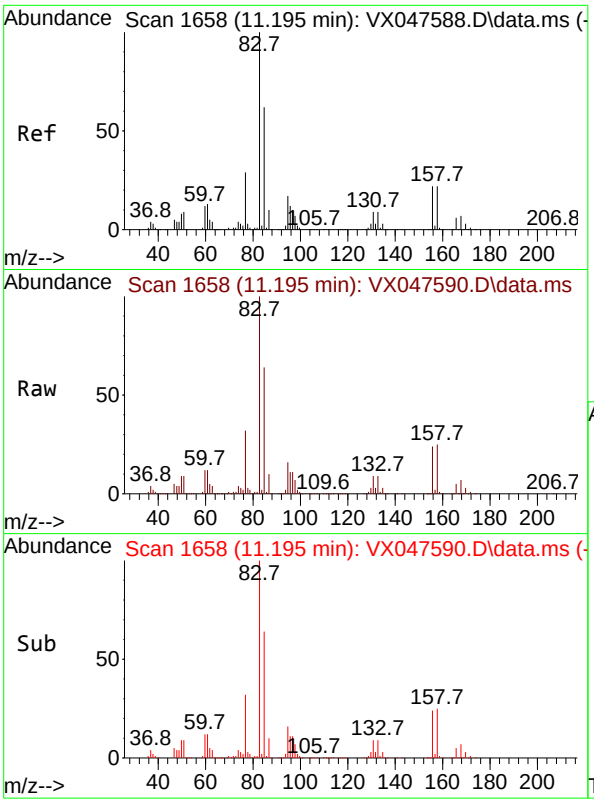


#74
N-amyl acetate
Concen: 160.099 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 636879

Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.0	48.0
55	22.9	18.9	28.3
61	23.6	18.8	28.2

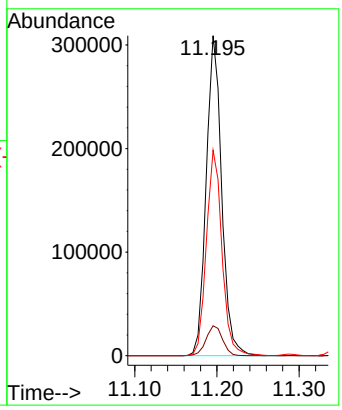




#75
1,1,2,2-Tetrachloroethane
Concen: 153.035 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 40390

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.6	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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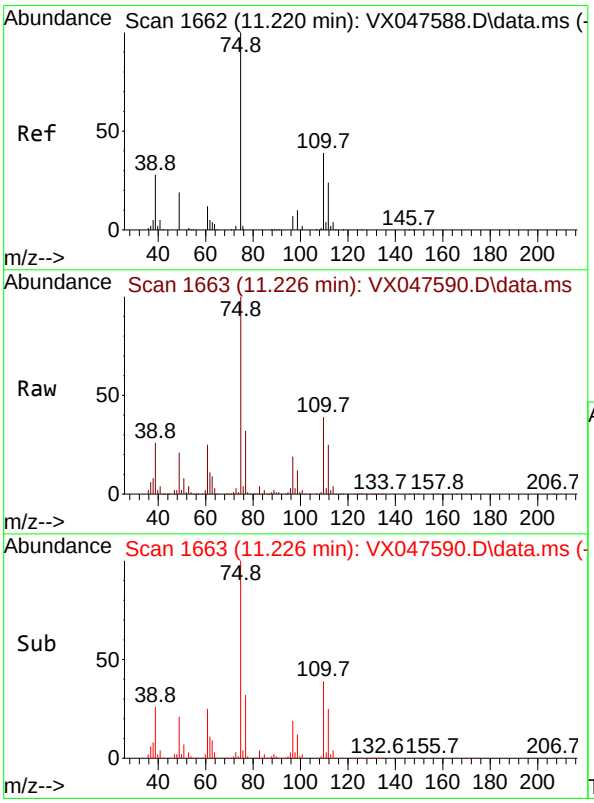
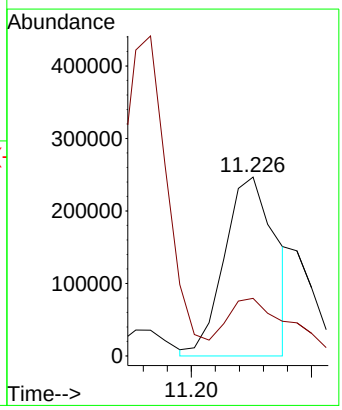
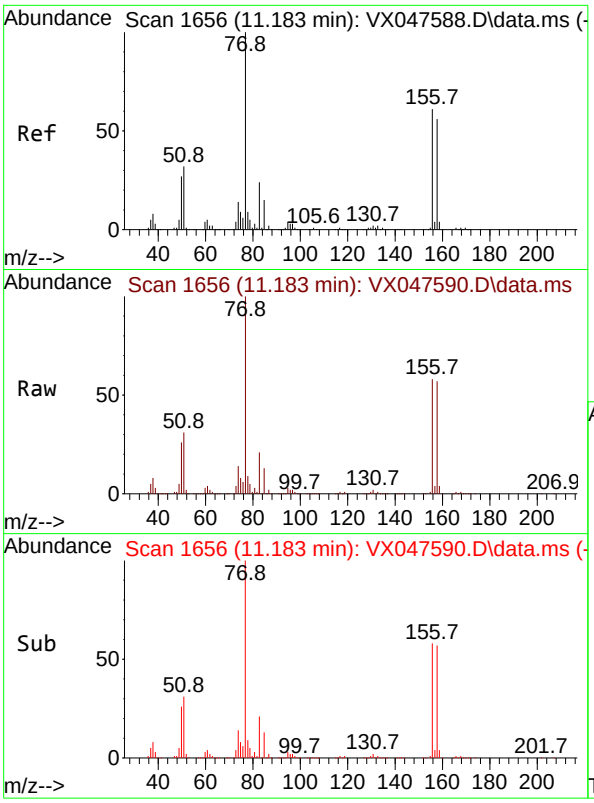


#76
1,2,3-Trichloropropane
Concen: 153.692 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 366171

Ion	Ratio	Lower	Upper
75	100		
77	39.7	18.8	56.4

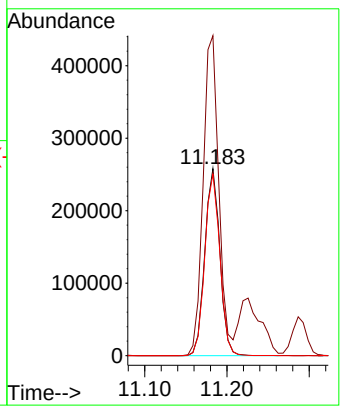




#77
Bromobenzene
Concen: 152.818 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:156 Resp: 32833

Ion	Ratio	Lower	Upper
156	100		
77	178.2	89.7	269.1
158	97.5	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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Reviewed By :John Carlone 09/17/2025
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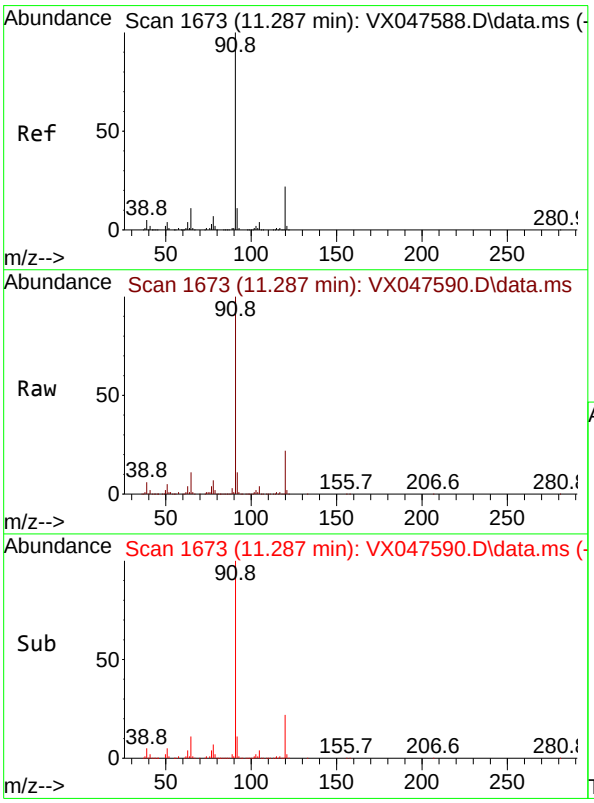
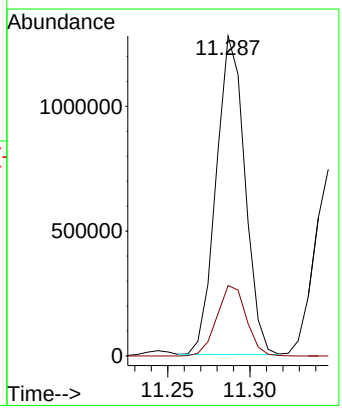
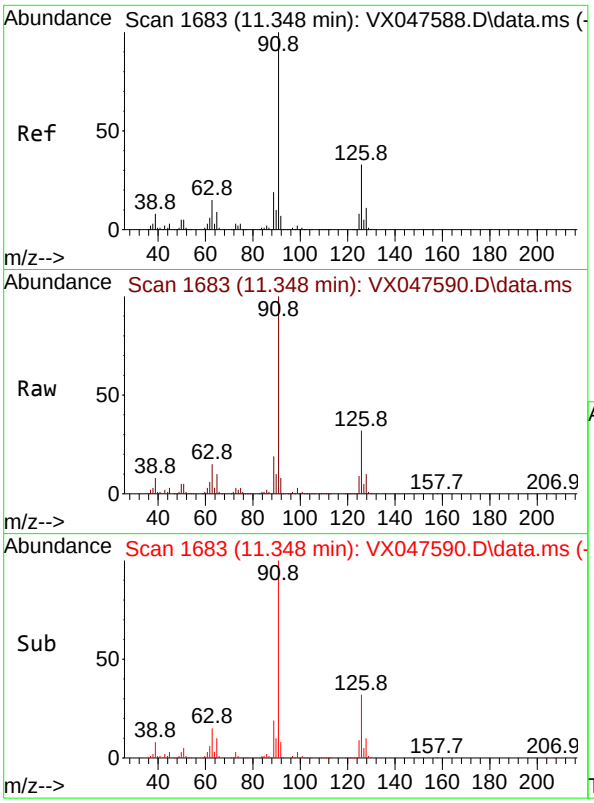


#78
n-propylbenzene
Concen: 150.337 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1550316

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1

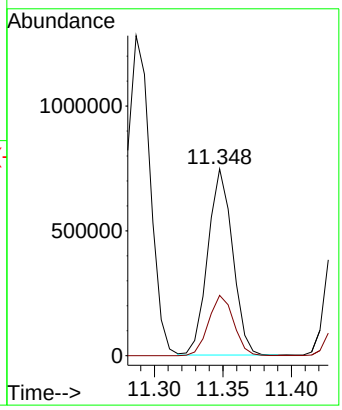




#79
2-Chlorotoluene
Concen: 148.781 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 93970

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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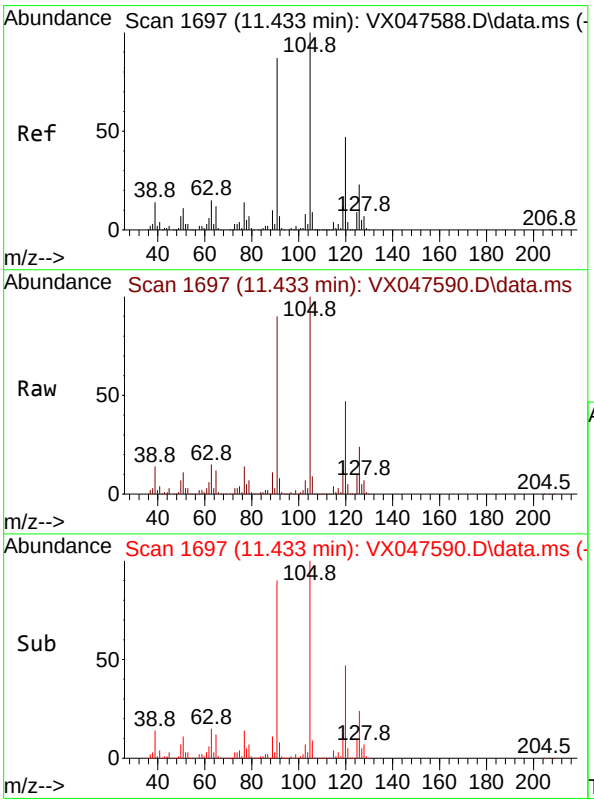
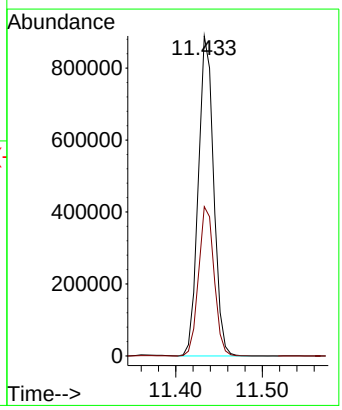
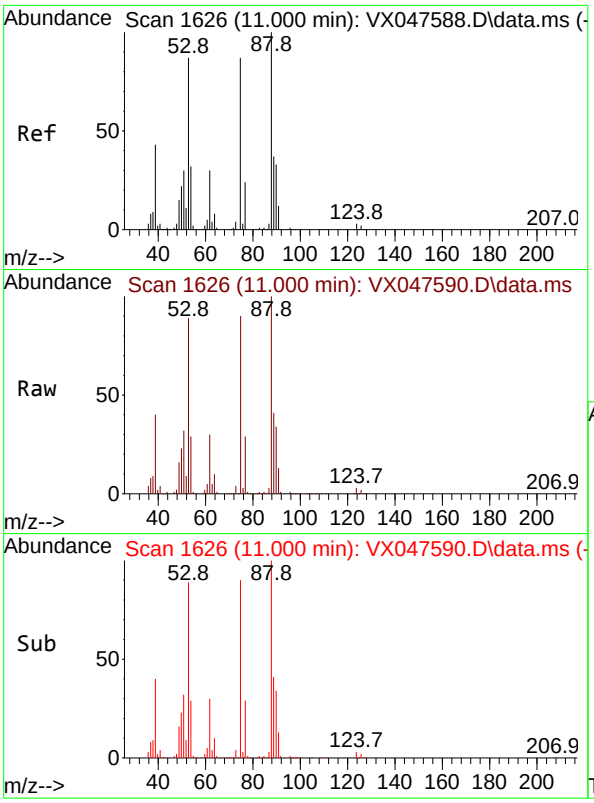


#80
1,3,5-Trimethylbenzene
Concen: 152.306 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1091593

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 160.176 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 14592

Ion	Ratio	Lower	Upper
75	100		
53	100.8	83.4	125.2
89	46.3	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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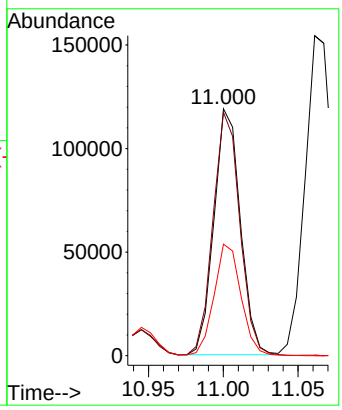
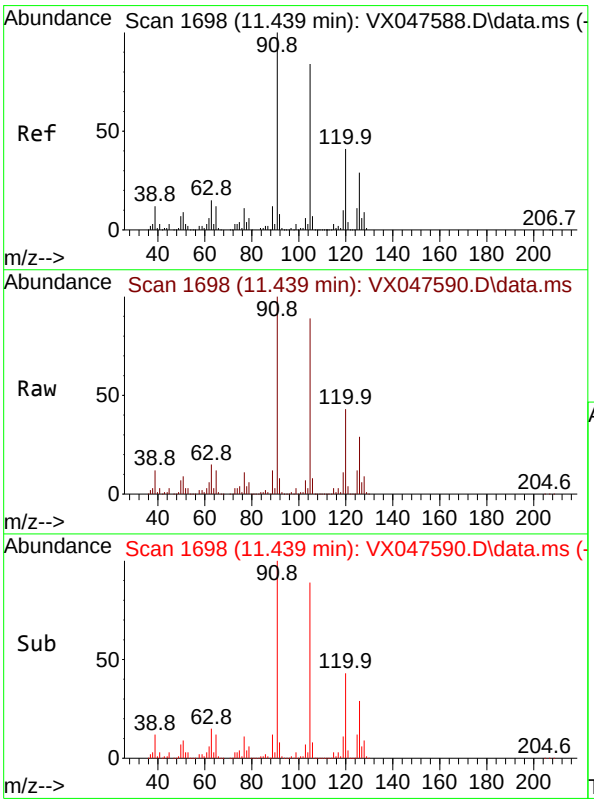
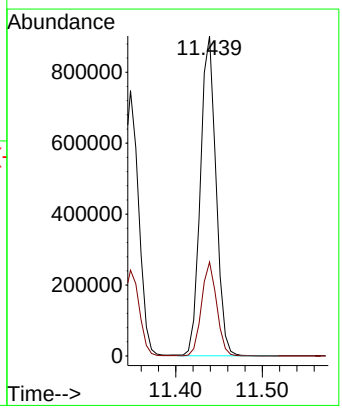


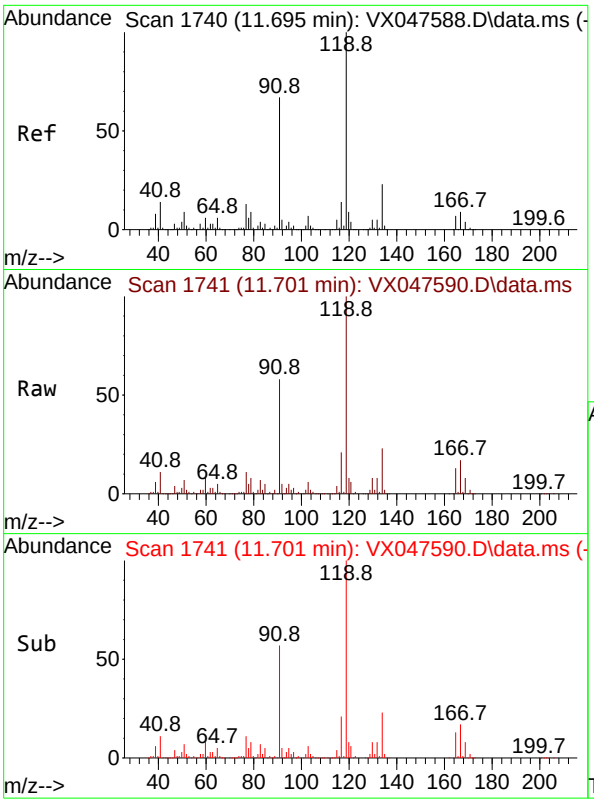


#82
4-Chlorotoluene
Concen: 151.112 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1127233

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6

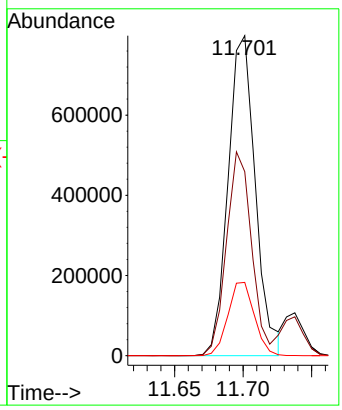




#83
tert-Butylbenzene
Concen: 150.819 ug/l
RT: 11.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:119 Resp: 110653

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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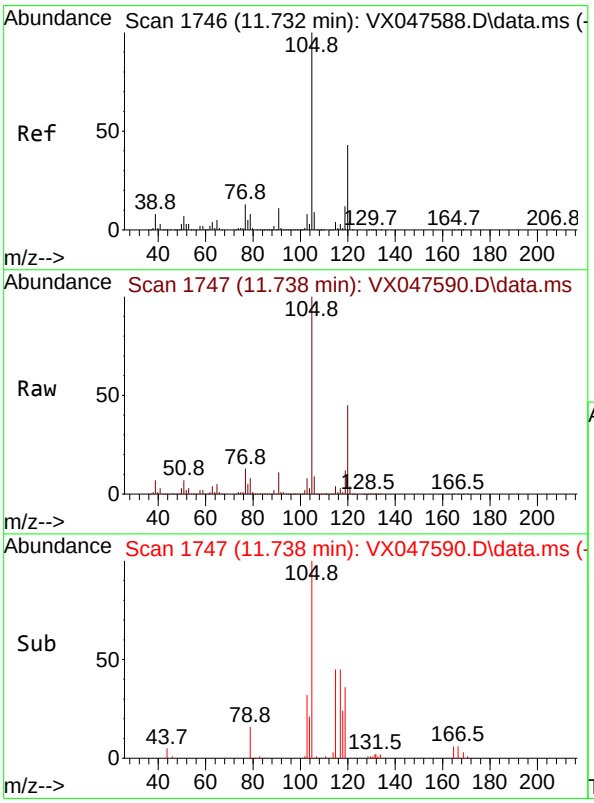
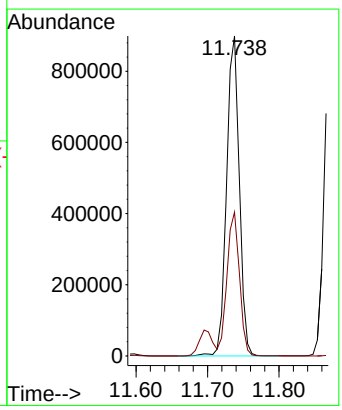
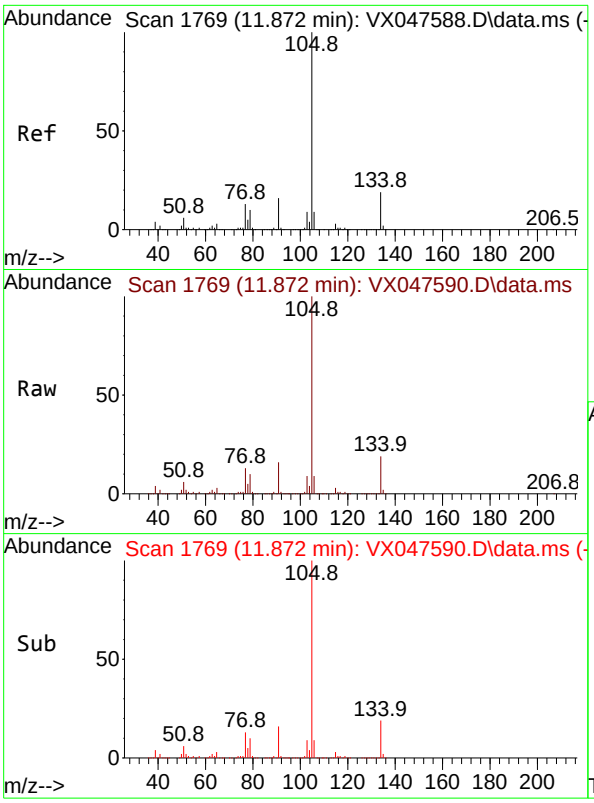


#84
1,2,4-Trimethylbenzene
Concen: 152.336 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1106914

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1

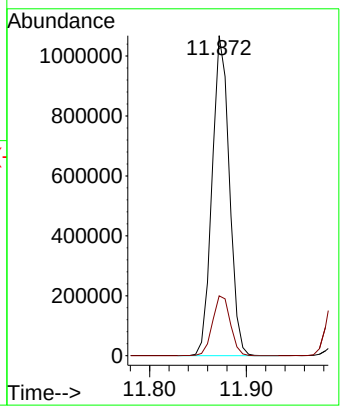




#85
sec-Butylbenzene
Concen: 151.448 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 131981

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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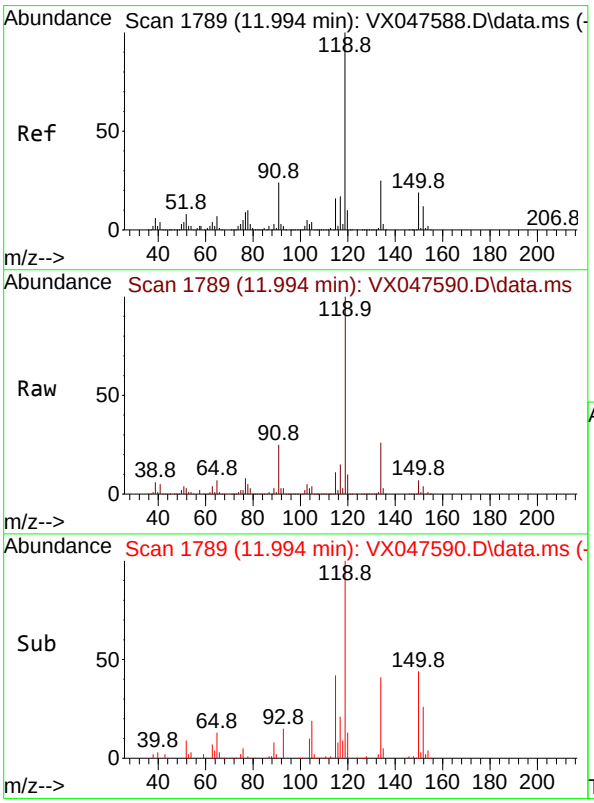
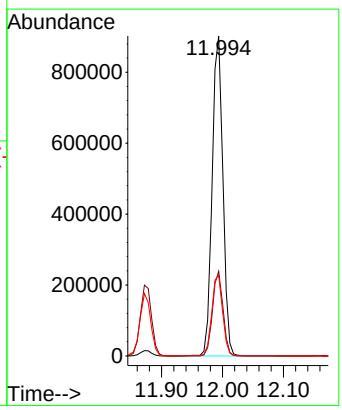
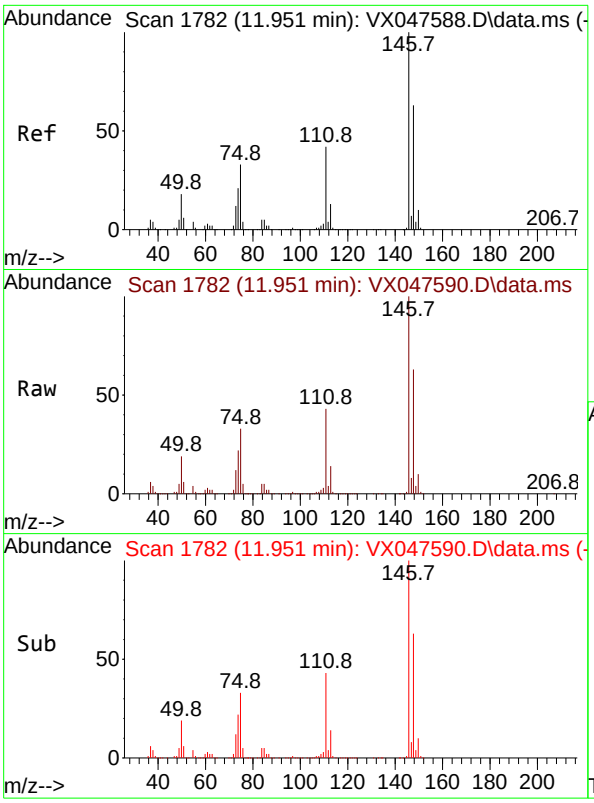


#86
p-Isopropyltoluene
Concen: 149.530 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:119 Resp: 1103210

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.3	12.6	37.6

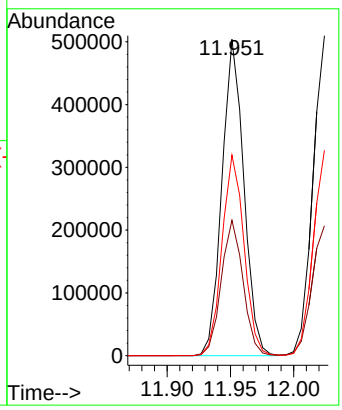




#87
1,3-Dichlorobenzene
Concen: 151.633 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 60512

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.8	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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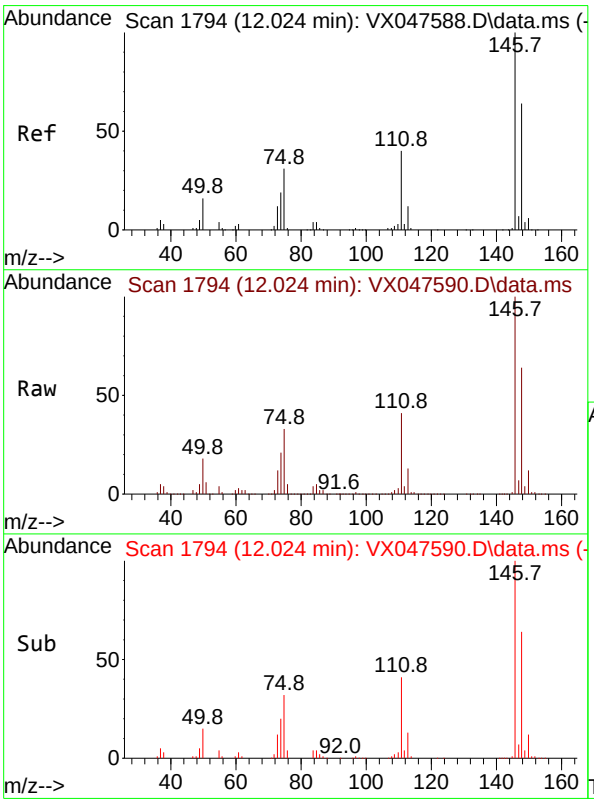
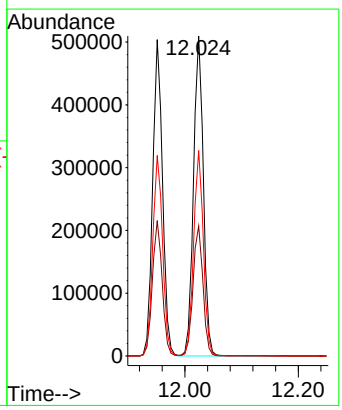
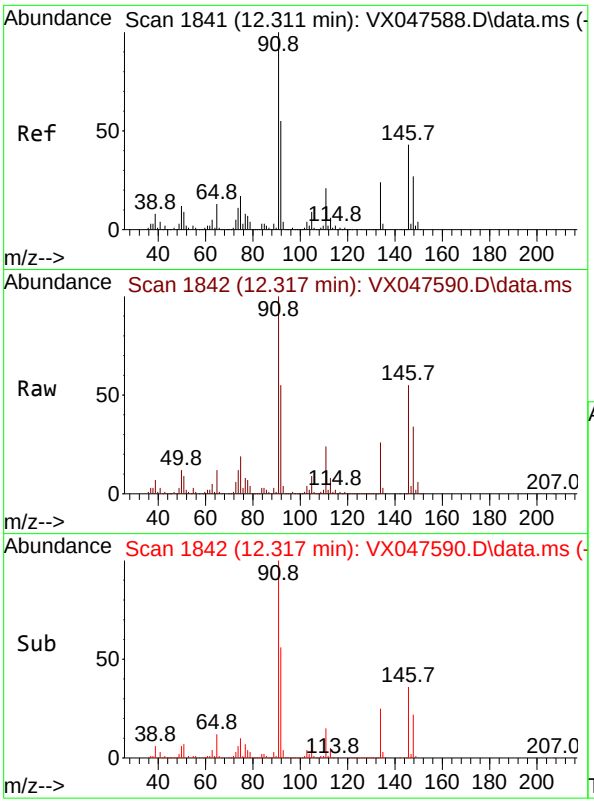


#88
1,4-Dichlorobenzene
Concen: 149.814 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 613617

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	63.2	31.7	95.1

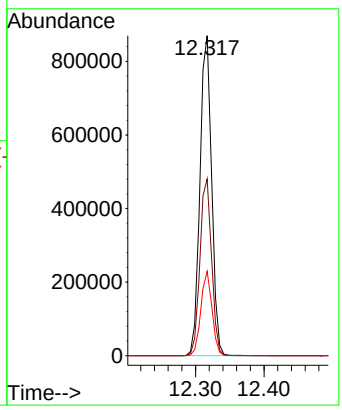




#89
n-Butylbenzene
Concen: 151.222 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 103235

Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.2	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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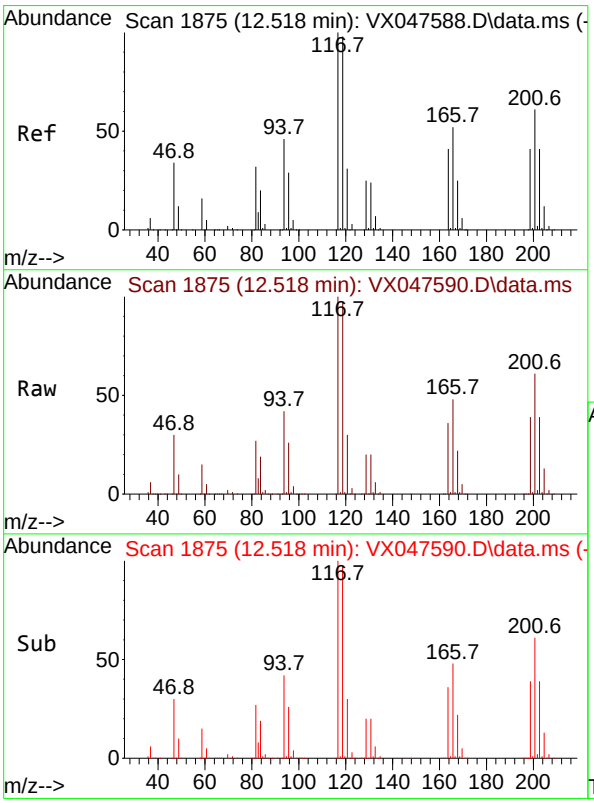
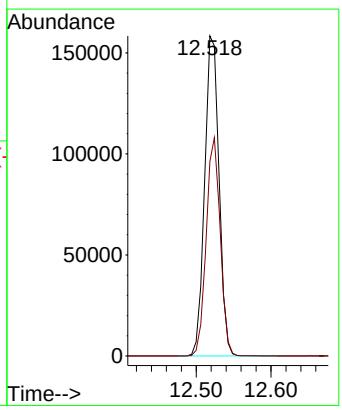
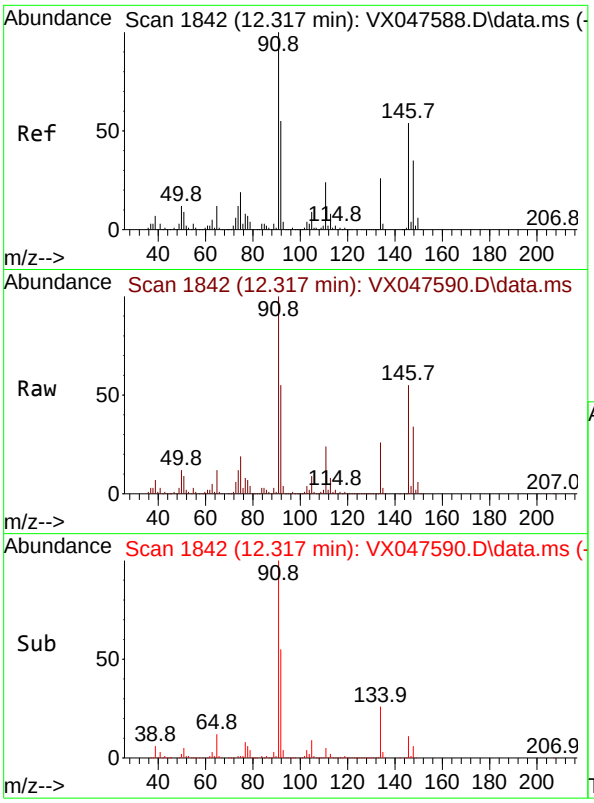


#90
Hexachloroethane
Concen: 163.258 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 211472

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

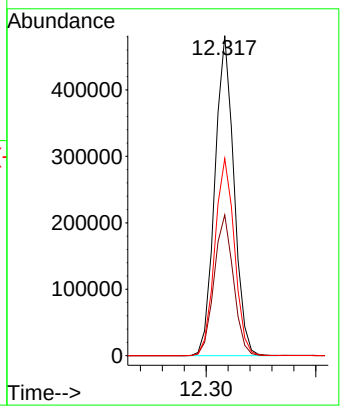




#91
1,2-Dichlorobenzene
Concen: 153.227 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 58256

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.2	66.6
148	63.5	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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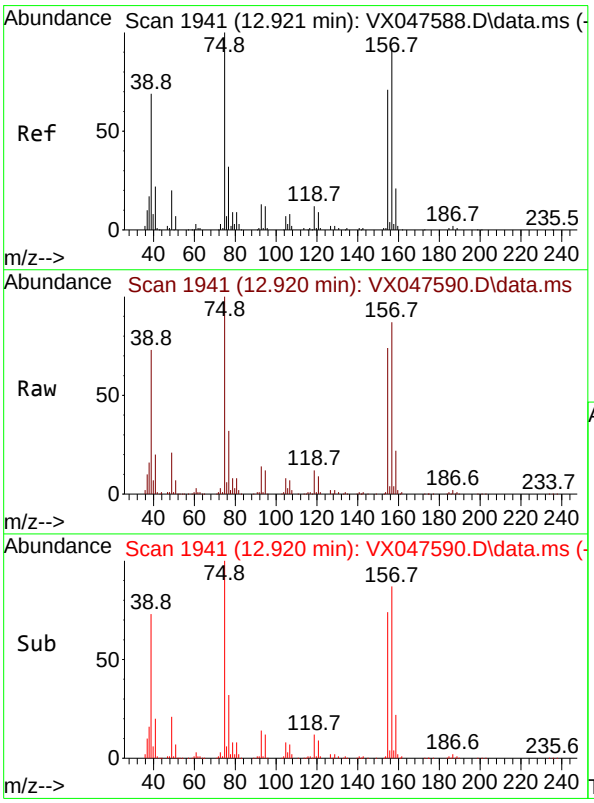
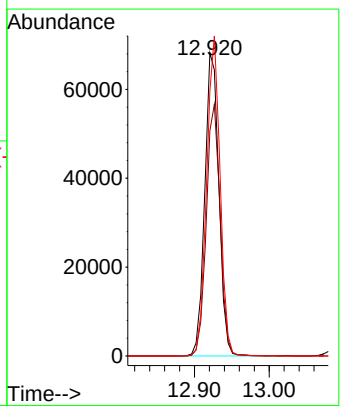
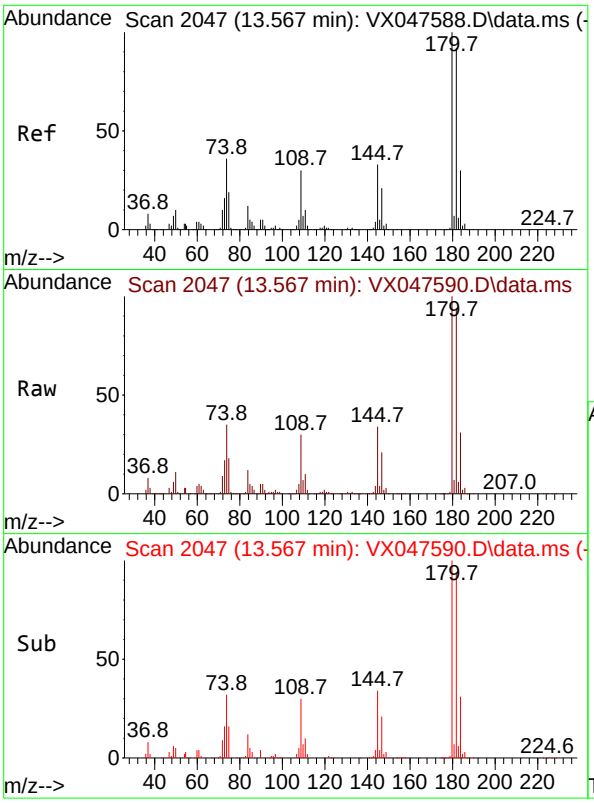


#92
1,2-Dibromo-3-Chloropropane
Concen: 167.332 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 89415

Ion	Ratio	Lower	Upper
75	100		
155	81.3	37.7	113.1
157	100.6	49.8	149.4

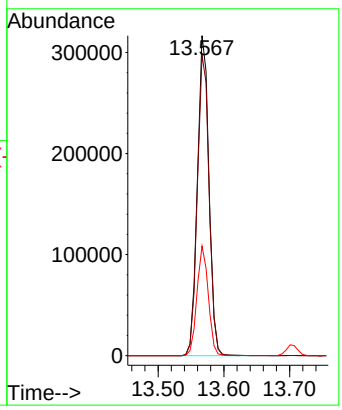




#93
1,2,4-Trichlorobenzene
Concen: 156.884 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:180 Resp: 38765

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.6	139.8
145	33.5	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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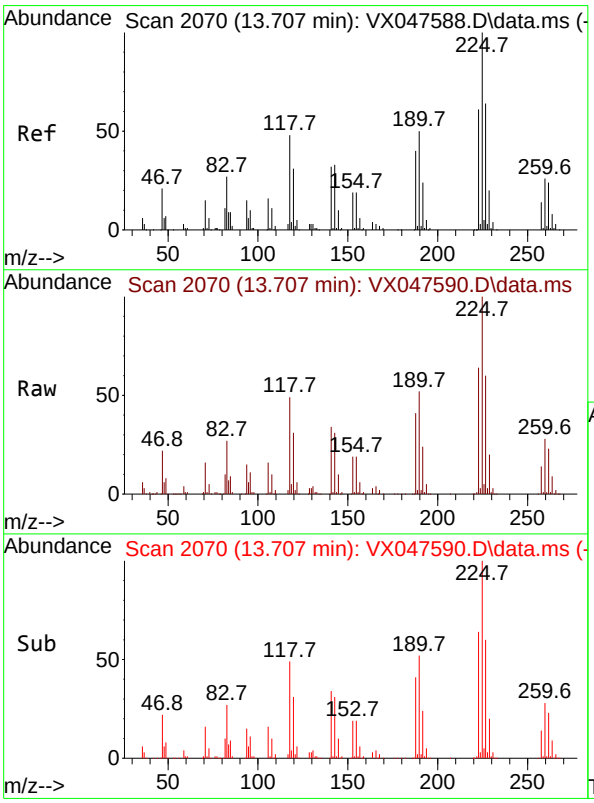
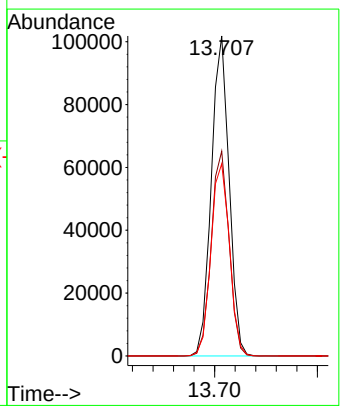
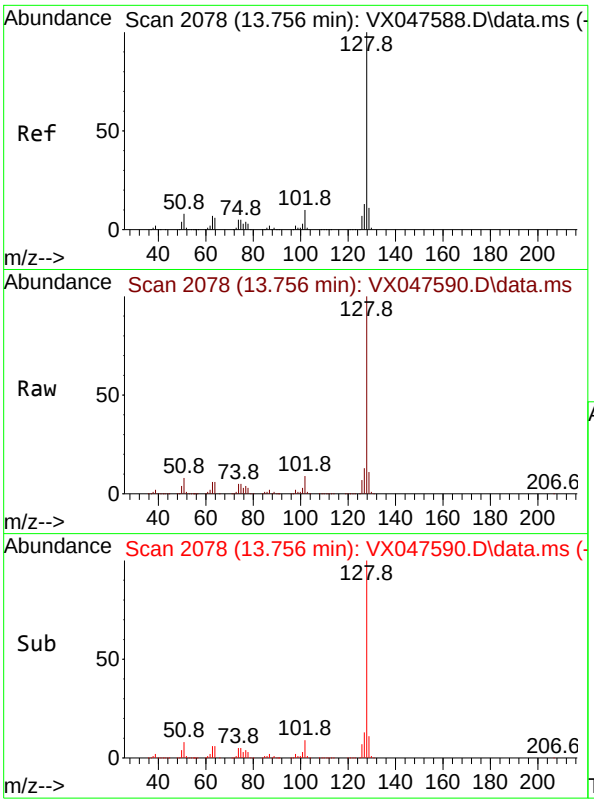


#94
Hexachlorobutadiene
Concen: 145.110 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:225 Resp: 121791

Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.7	95.1
227	62.8	32.0	96.0

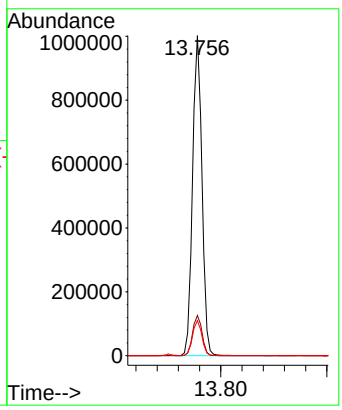




#95
Naphthalene
Concen: 163.388 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:128 Resp: 122936

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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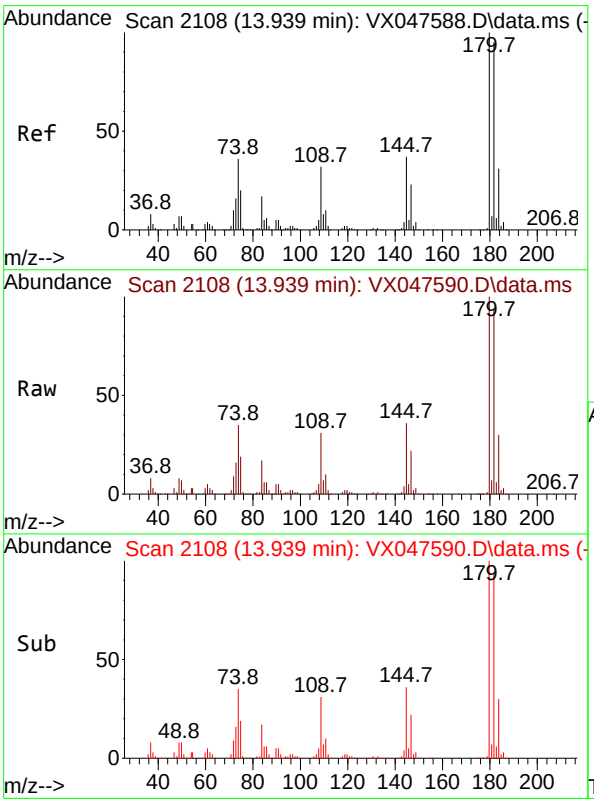
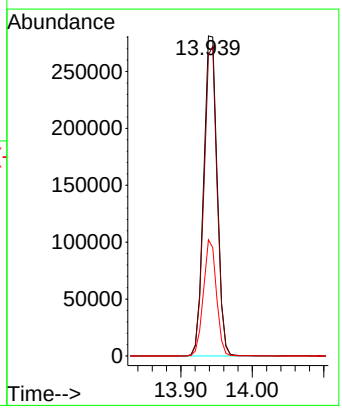


#96
1,2,3-Trichlorobenzene
Concen: 160.704 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:180 Resp: 369382

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	34.9	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	186484	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	331837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	288660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	135209	45.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.367	113	101390	45.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.120%		
50) Toluene-d8	8.634	98	357393	46.411	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.820%		
62) 4-Bromofluorobenzene	11.061	95	135957	46.520	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	86110	44.592	ug/l	94
3) Chloromethane	1.300	50	110935	43.710	ug/l	99
4) Vinyl Chloride	1.380	62	113742	45.783	ug/l	99
5) Bromomethane	1.617	94	76388	48.489	ug/l	99
6) Chloroethane	1.697	64	77337	46.575	ug/l	99
7) Trichlorofluoromethane	1.892	101	173647	47.074	ug/l	98
8) Diethyl Ether	2.136	74	70459	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	104663	48.524	ug/l	99
10) Methyl Iodide	2.453	142	155450	46.210	ug/l	99
11) Tert butyl alcohol	2.940	59	84722	256.271	ug/l	100
12) 1,1-Dichloroethene	2.325	96	104302	47.076	ug/l	98
13) Acrolein	2.233	56	77645	254.867	ug/l	99
14) Allyl chloride	2.666	41	213704	46.742	ug/l	99
15) Acrylonitrile	3.056	53	310505	253.567	ug/l	99
16) Acetone	2.373	43	316217	245.006	ug/l	97
17) Carbon Disulfide	2.514	76	272741	44.966	ug/l	97
18) Methyl Acetate	2.697	43	158480	55.175	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	392574	48.538	ug/l	100
20) Methylene Chloride	2.788	84	125669	46.000	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	111418	46.709	ug/l	99
22) Diisopropyl ether	3.745	45	426854	48.174	ug/l #	83
23) Vinyl Acetate	3.709	43	1741267	245.539	ug/l	99
24) 1,1-Dichloroethane	3.599	63	226249	48.041	ug/l	99
25) 2-Butanone	4.532	43	408273	253.598	ug/l	97
26) 2,2-Dichloropropane	4.458	77	193760	49.494	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	142635	48.826	ug/l	99
28) Bromochloromethane	4.879	49	95782	46.586	ug/l	99
29) Tetrahydrofuran	4.983	42	245392	253.375	ug/l	99
30) Chloroform	5.074	83	231954	48.739	ug/l	99
31) Cyclohexane	5.458	56	180430	45.999	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	197711	48.978	ug/l	100
36) 1,1-Dichloropropene	5.678	75	151745	46.663	ug/l	99
37) Ethyl Acetate	4.690	43	171454	49.241	ug/l	98
38) Carbon Tetrachloride	5.659	117	165834	46.935	ug/l	95
39) Methylcyclohexane	7.360	83	179392	48.597	ug/l	98
40) Benzene	6.019	78	467748	47.357	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	90758	50.490	ug/l		98
42) 1,2-Dichloroethane	6.068	62	176131	46.867	ug/l		100
43) Isopropyl Acetate	6.318	43	280595	49.136	ug/l		100
44) Trichloroethene	7.104	130	114708	48.037	ug/l		98
45) 1,2-Dichloropropane	7.409	63	121532	48.053	ug/l		98
46) Dibromomethane	7.562	93	88297	47.976	ug/l		98
47) Bromodichloromethane	7.799	83	185219	48.769	ug/l		96
48) Methyl methacrylate	7.671	41	141532	49.757	ug/l		99
49) 1,4-Dioxane	7.641	88	31320	1089.520	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	809759	255.752	ug/l		100
52) Toluene	8.702	92	292879	48.130	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	191863	49.527	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	203954	49.257	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	112094	47.772	ug/l		98
56) Ethyl methacrylate	9.098	69	189741	51.490	ug/l		99
57) 1,3-Dichloropropane	9.293	76	197079	48.894	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	394205	225.562	ug/l		99
59) 2-Hexanone	9.415	43	575599	253.126	ug/l		99
60) Dibromochloromethane	9.506	129	134704	49.824	ug/l		99
61) 1,2-Dibromoethane	9.592	107	117817	49.297	ug/l		99
64) Tetrachloroethene	9.256	164	90881	48.296	ug/l		98
65) Chlorobenzene	10.061	112	318372	48.549	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	110416	48.794	ug/l		98
67) Ethyl Benzene	10.177	91	563634	49.813	ug/l		99
68) m/p-Xylenes	10.287	106	416757	98.956	ug/l		99
69) o-Xylene	10.622	106	204323	50.159	ug/l		99
70) Styrene	10.640	104	353567	49.536	ug/l		99
71) Bromoform	10.780	173	86524	51.207	ug/l	#	98
73) Isopropylbenzene	10.945	105	523826	49.479	ug/l		100
74) N-amyl acetate	10.823	43	243198	50.375	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	159676	49.851	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	149779m	53.124	ug/l		
77) Bromobenzene	11.183	156	125610	48.173	ug/l		98
78) n-propylbenzene	11.286	91	616928	49.295	ug/l		99
79) 2-Chlorotoluene	11.347	91	376486	49.117	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	435375	50.055	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	55880	50.543	ug/l		99
82) 4-Chlorotoluene	11.433	91	445075	49.164	ug/l		100
83) tert-Butylbenzene	11.695	119	442341	49.679	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	440134	49.911	ug/l		99
85) sec-Butylbenzene	11.872	105	529869	50.100	ug/l		100
86) p-Isopropyltoluene	11.994	119	446441	49.861	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	237383	49.014	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	243618	49.011	ug/l		99
89) n-Butylbenzene	12.317	91	420478	50.752	ug/l		100
90) Hexachloroethane	12.518	117	79751	50.732	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	227493	49.304	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	33020	50.918	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	153333	51.133	ug/l		100
94) Hexachlorobutadiene	13.707	225	53099	52.131	ug/l		99
95) Naphthalene	13.756	128	464206	50.836	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	142413	51.054	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

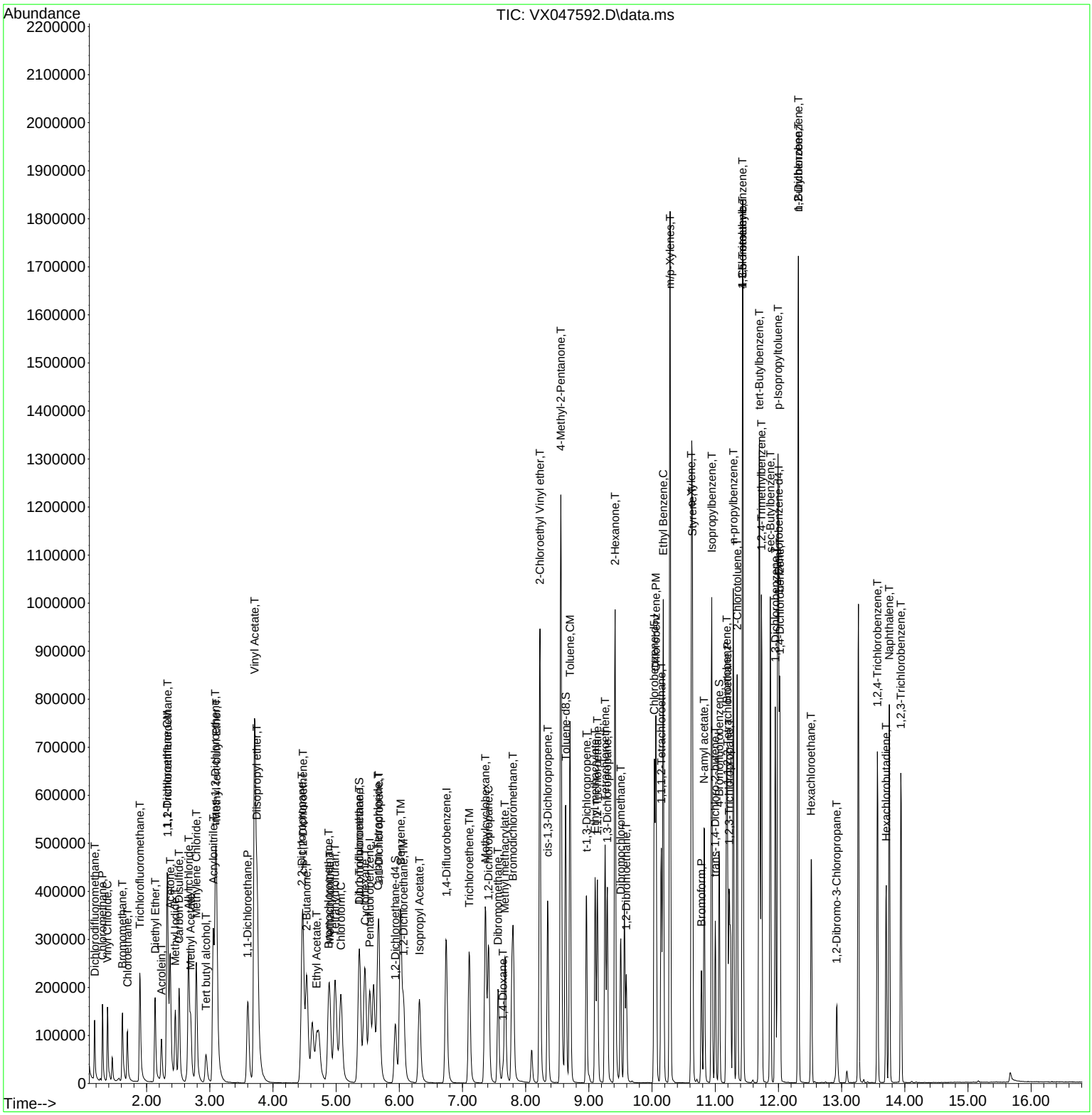
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

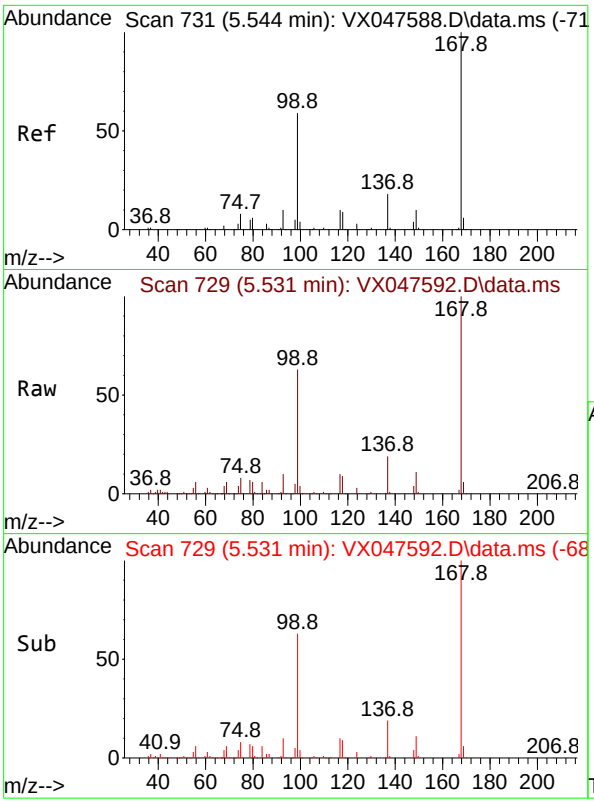
Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

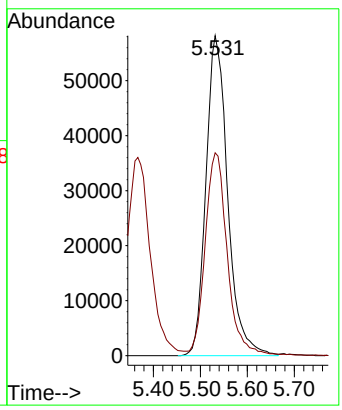




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:168 Resp: 18648

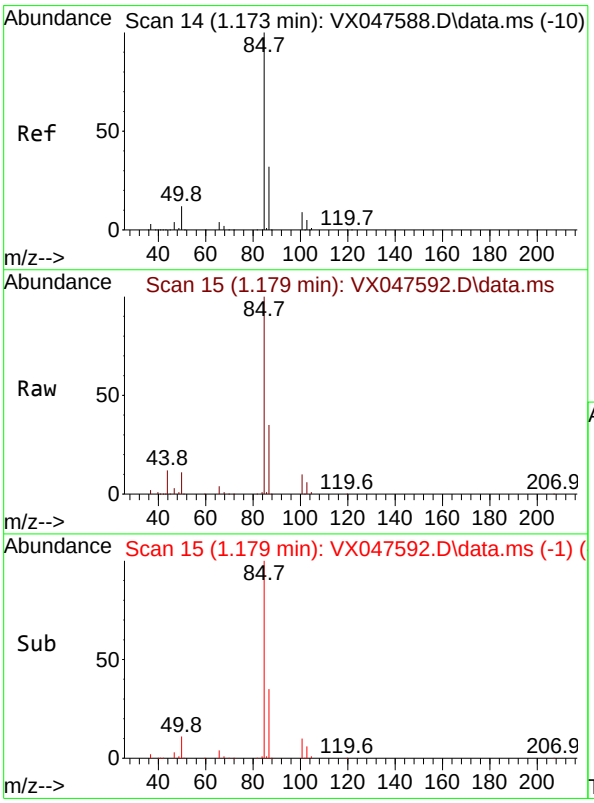
Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

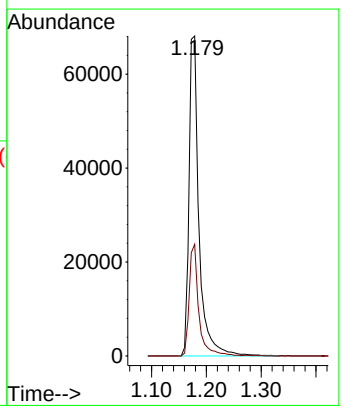
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

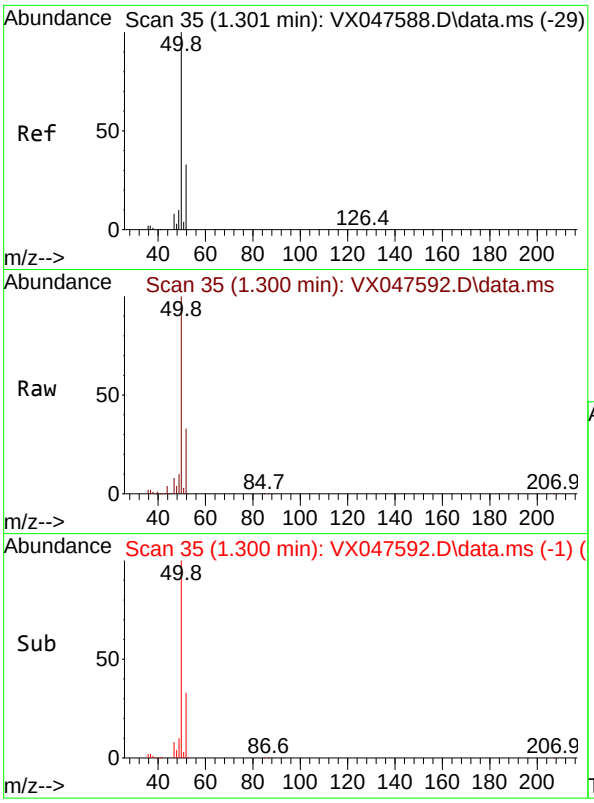


#2
Dichlorodifluoromethane
Concen: 44.592 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 85 Resp: 86110

Ion	Ratio	Lower	Upper
85	100		
87	34.9	15.8	47.3

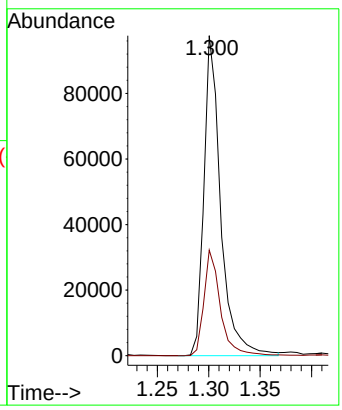




#3
Chloromethane
Concen: 43.710 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 50 Resp: 11093

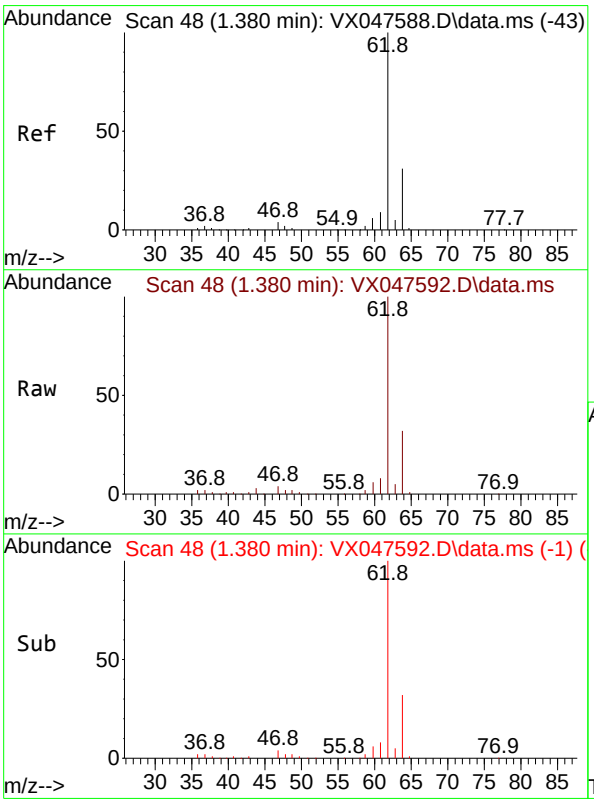
Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

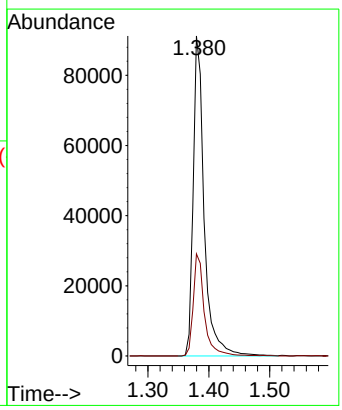
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

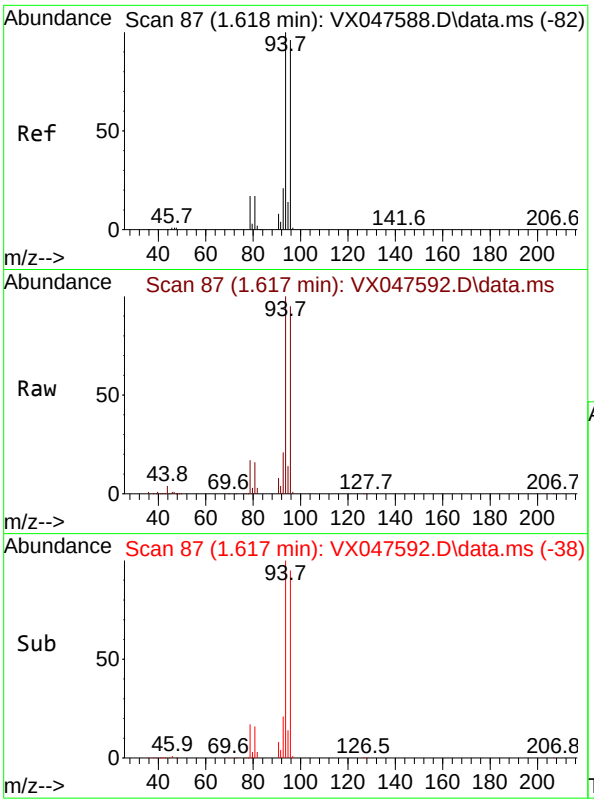


#4
Vinyl Chloride
Concen: 45.783 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 113742

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.9	37.3

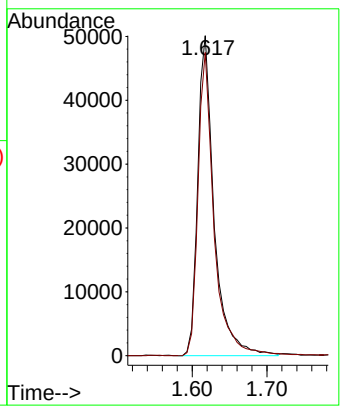




#5
Bromomethane
Concen: 48.489 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 94 Resp: 7638

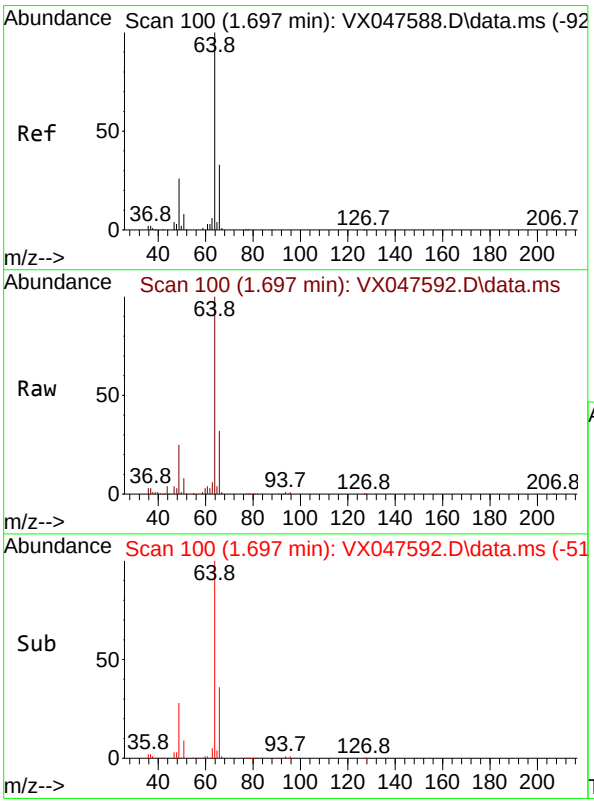
Ion	Ratio	Lower	Upper
94	100		
96	94.7	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

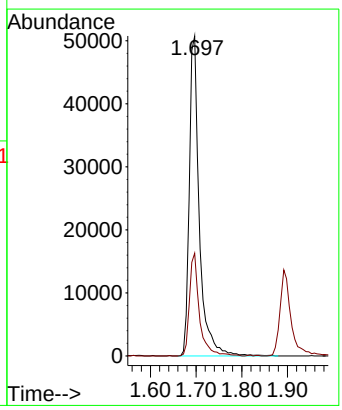
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

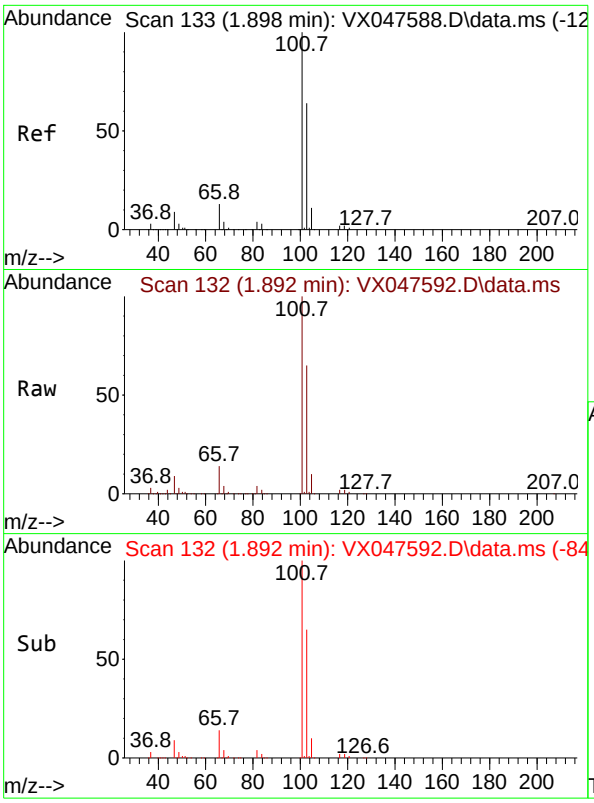


#6
Chloroethane
Concen: 46.575 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 64 Resp: 77337

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1

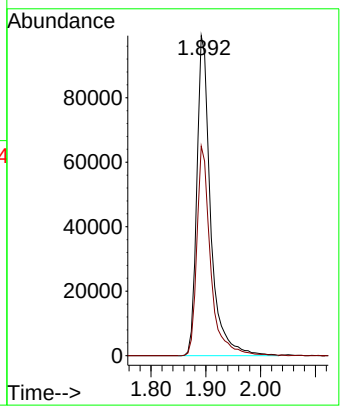




#7
Trichlorofluoromethane
Concen: 47.074 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:101 Resp: 17364

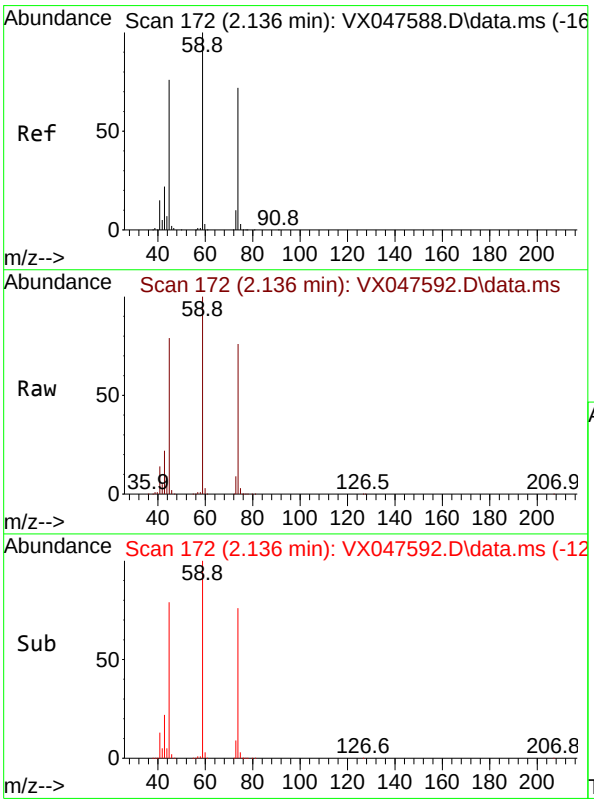
Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

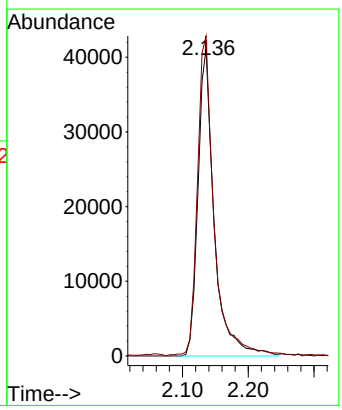
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

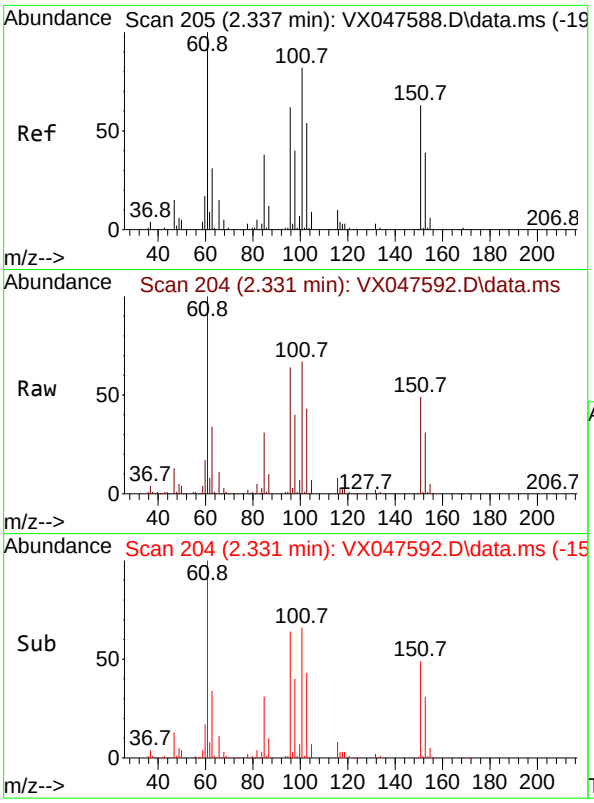


#8
Diethyl Ether
Concen: 46.693 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 74 Resp: 70459

Ion	Ratio	Lower	Upper
74	100		
45	107.1	52.3	156.8

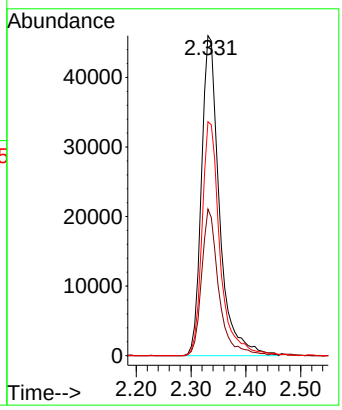




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.524 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:101 Resp: 10466

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	73.3	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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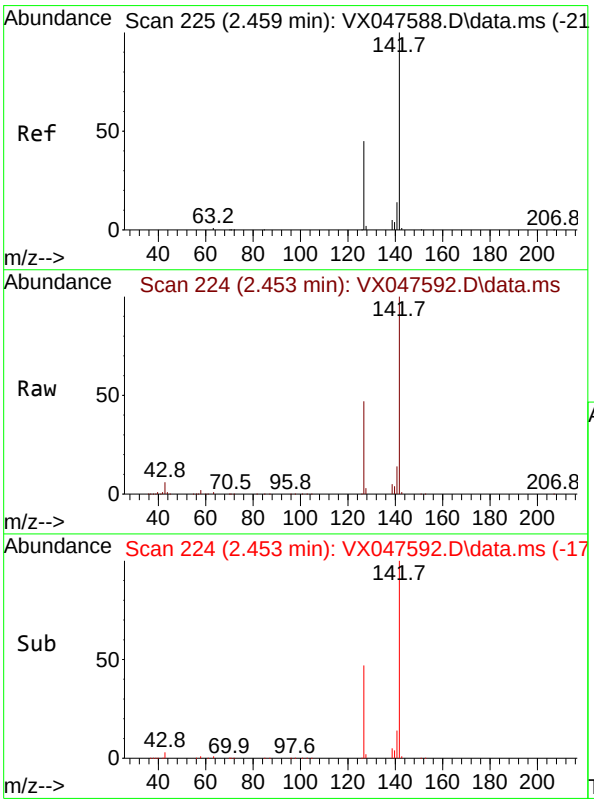
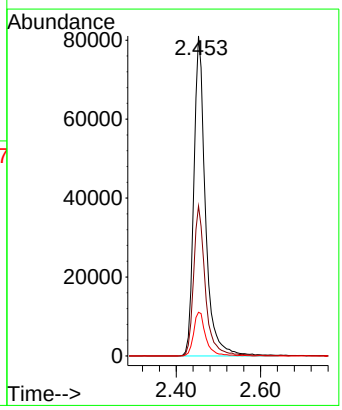
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

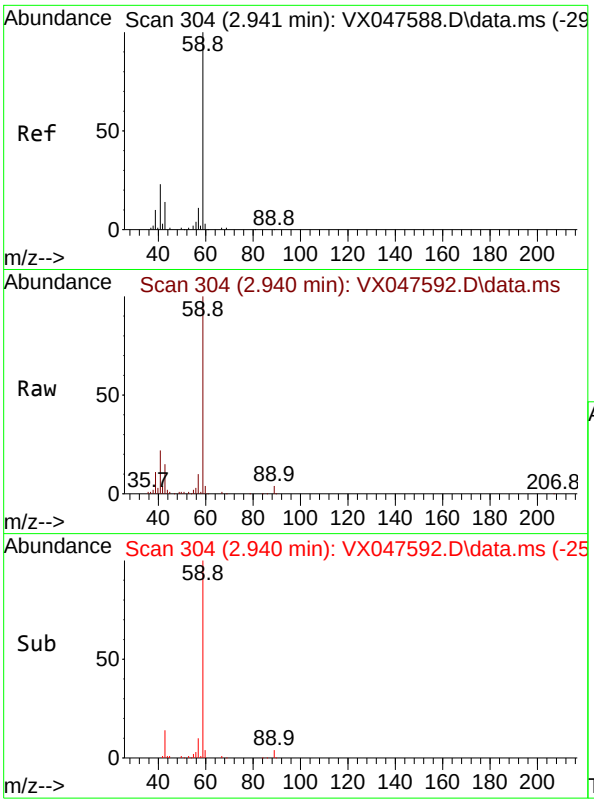


#10
Methyl Iodide
Concen: 46.210 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:142 Resp: 155450

Ion	Ratio	Lower	Upper
142	100		
127	47.6	37.2	55.8
141	14.4	11.4	17.0

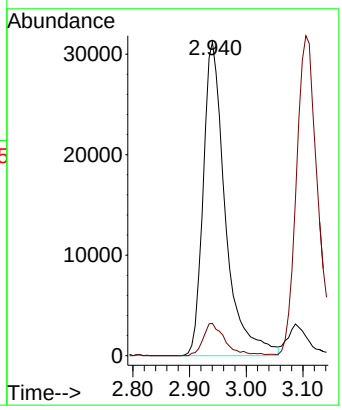




#11
Tert butyl alcohol
Concen: 256.271 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 59 Resp: 8472

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
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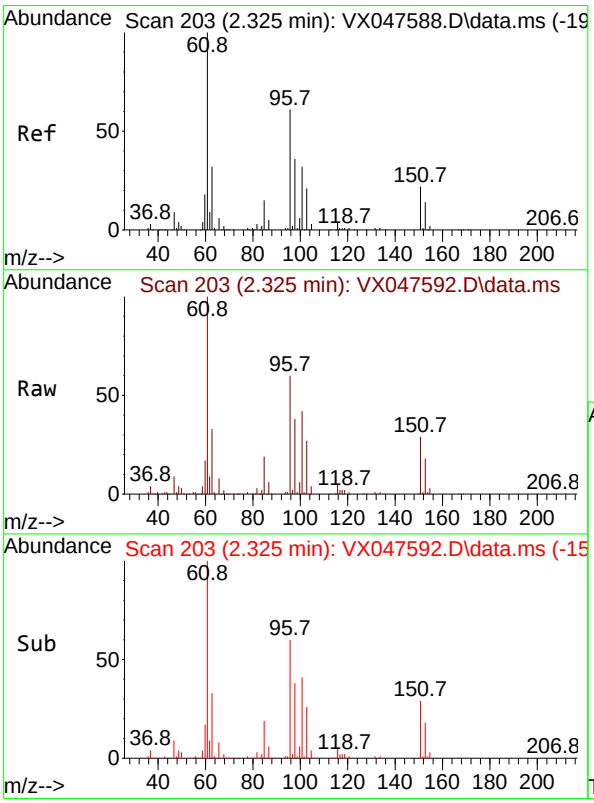
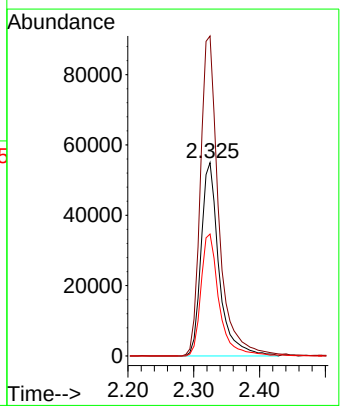
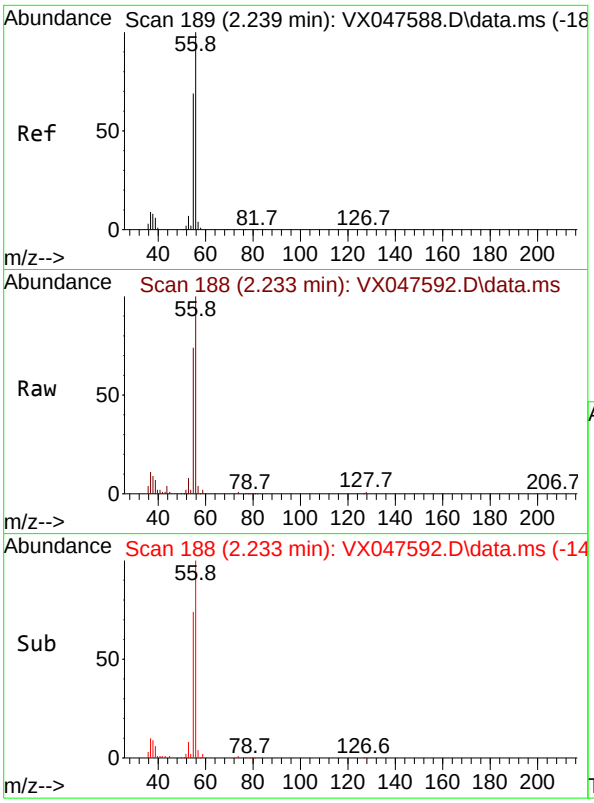


#12
1,1-Dichloroethene
Concen: 47.076 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 104302

Ion	Ratio	Lower	Upper
96	100		
61	165.6	131.0	196.6
98	63.1	47.7	71.5

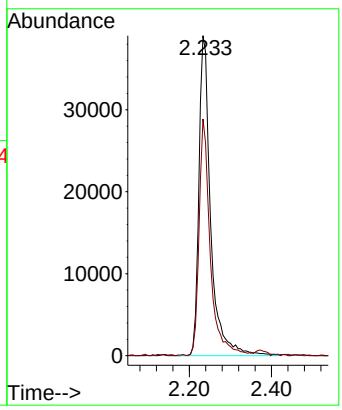




#13
Acrolein
Concen: 254.867 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 56 Resp: 7764

Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.2	85.8



Instrument :
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ClientSampleId :
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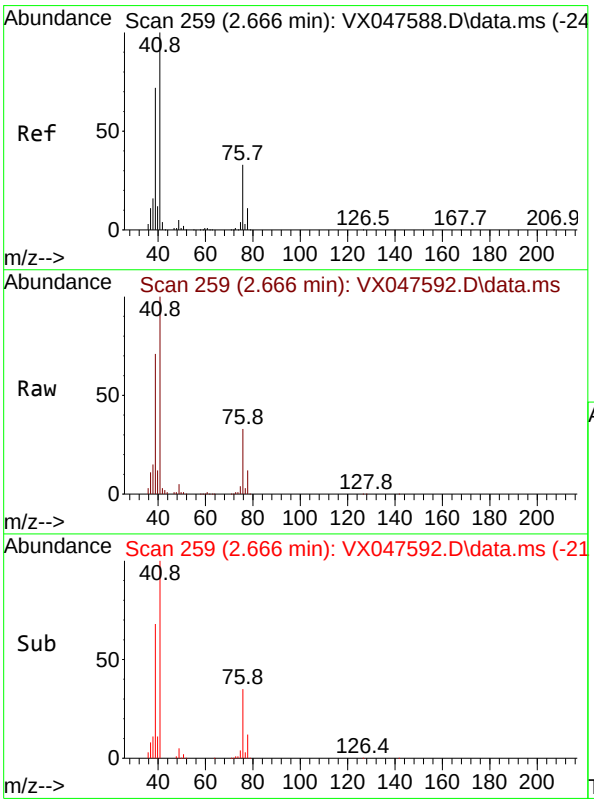
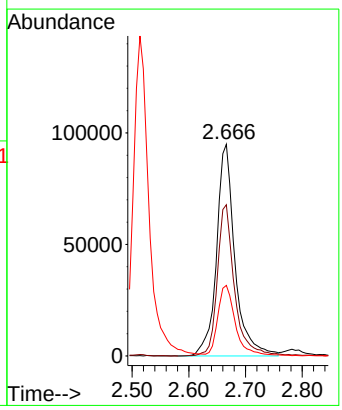
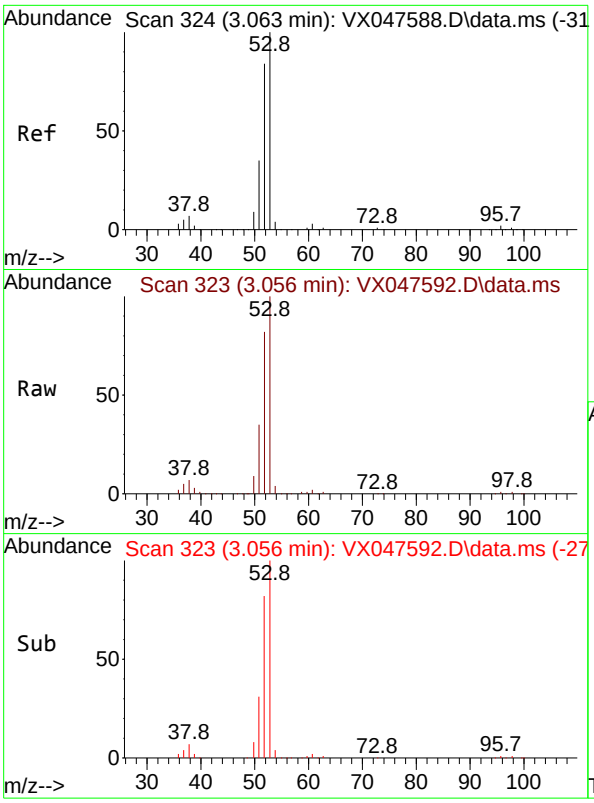


#14
Allyl chloride
Concen: 46.742 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 213704

Ion	Ratio	Lower	Upper
41	100		
39	67.2	54.7	82.1
76	31.7	25.7	38.5

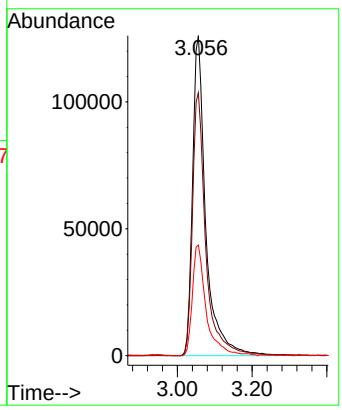




#15
Acrylonitrile
Concen: 253.567 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 53 Resp: 31050

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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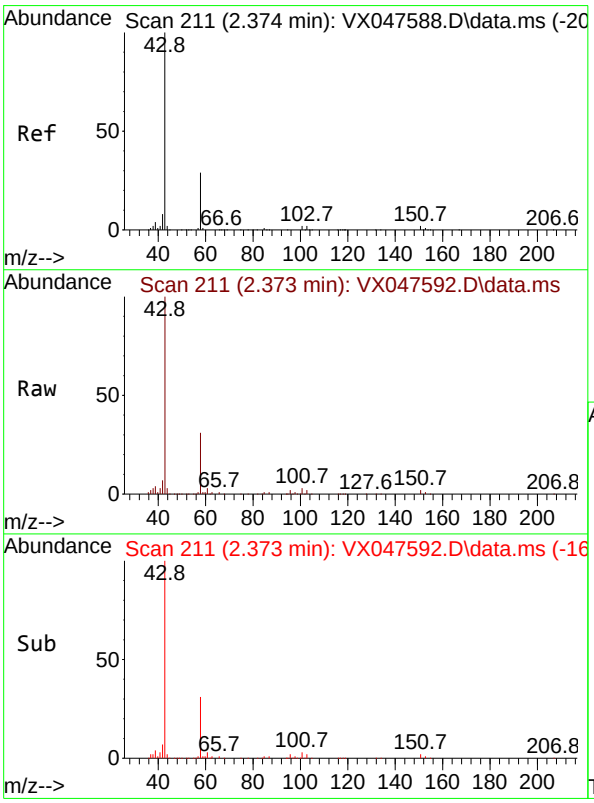
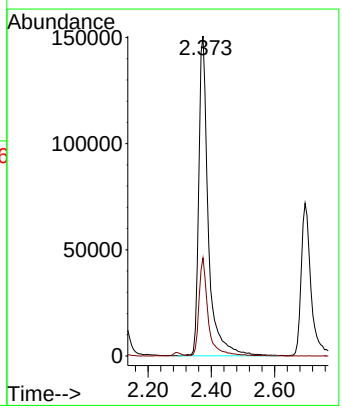
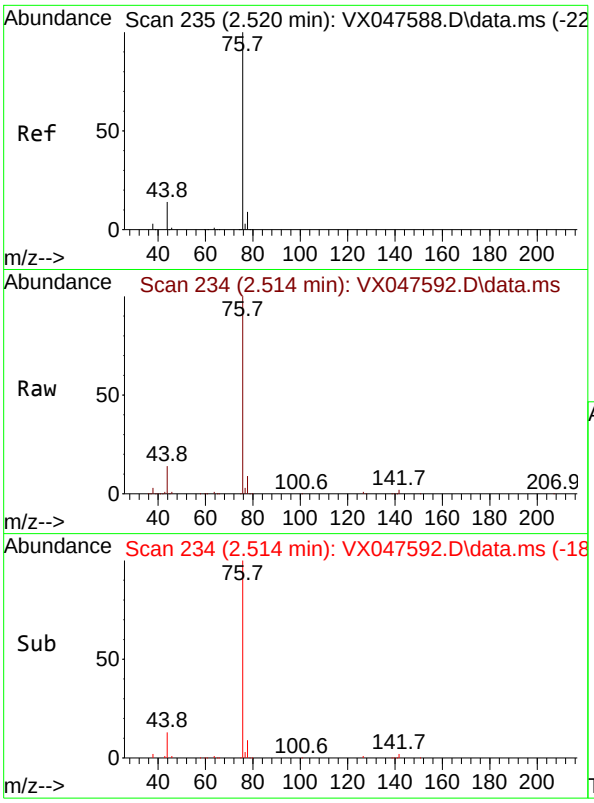


#16
Acetone
Concen: 245.006 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 316217

Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.4	35.0

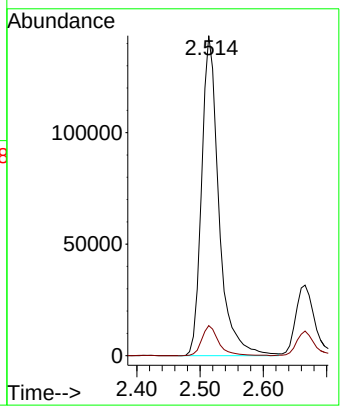




#17
Carbon Disulfide
Concen: 44.966 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 76 Resp: 27274

Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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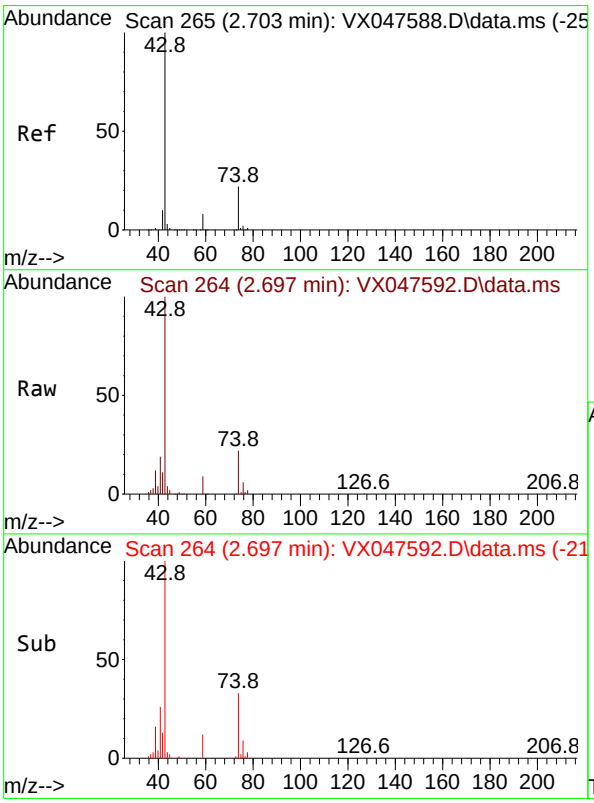
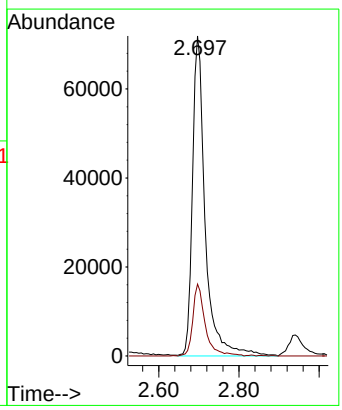
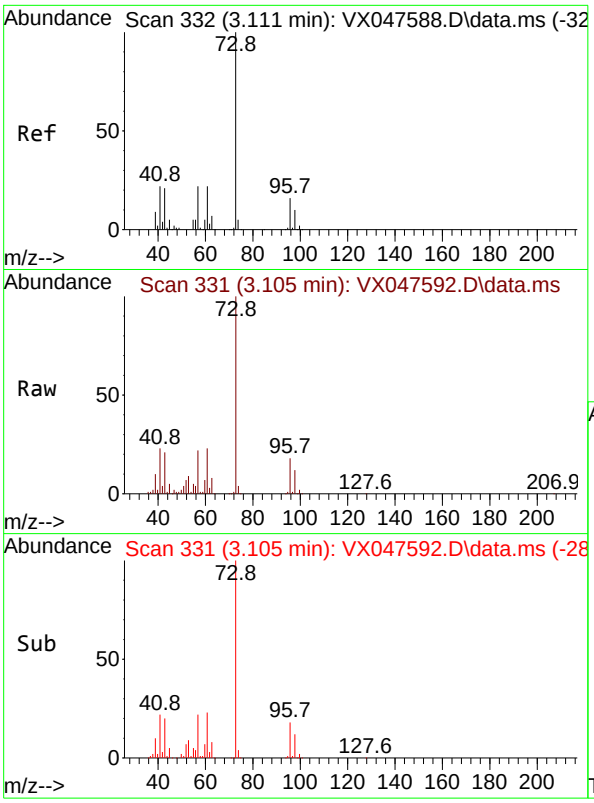


#18
Methyl Acetate
Concen: 55.175 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 158480

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

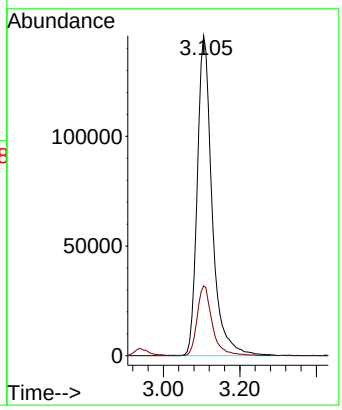




#19
Methyl tert-butyl Ether
Concen: 48.538 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 73 Resp: 39257

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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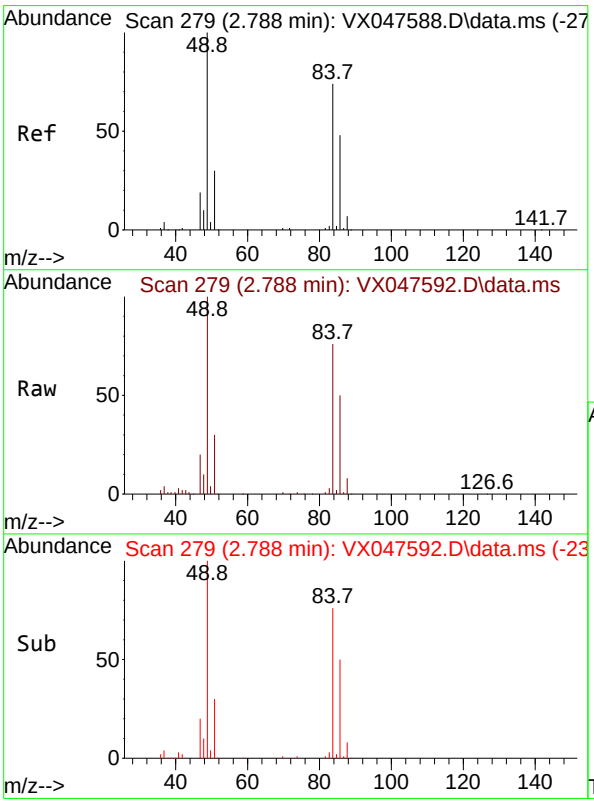
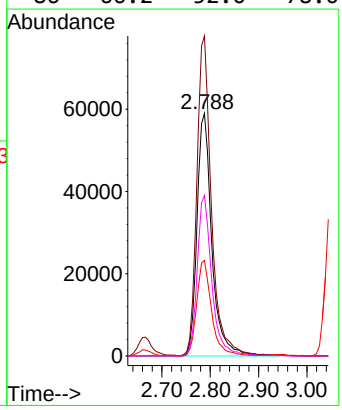
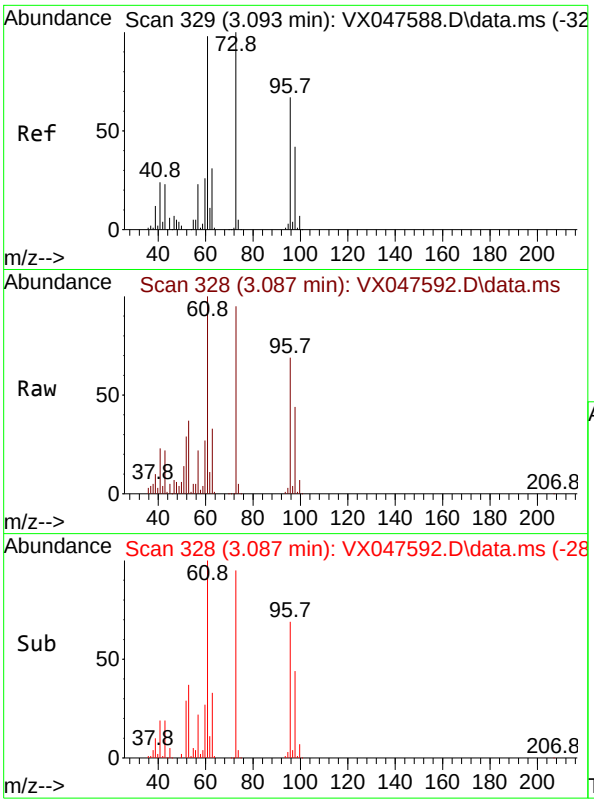


#20
Methylene Chloride
Concen: 46.000 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 84 Resp: 125669

Ion	Ratio	Lower	Upper
84	100		
49	131.8	108.6	162.8
51	39.4	32.6	48.8
86	66.2	52.0	78.0

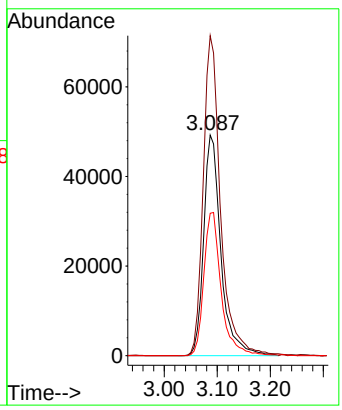




#21
trans-1,2-Dichloroethene
Concen: 46.709 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 11141

Ion	Ratio	Lower	Upper
96	100		
61	145.1	116.2	174.2
98	64.5	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
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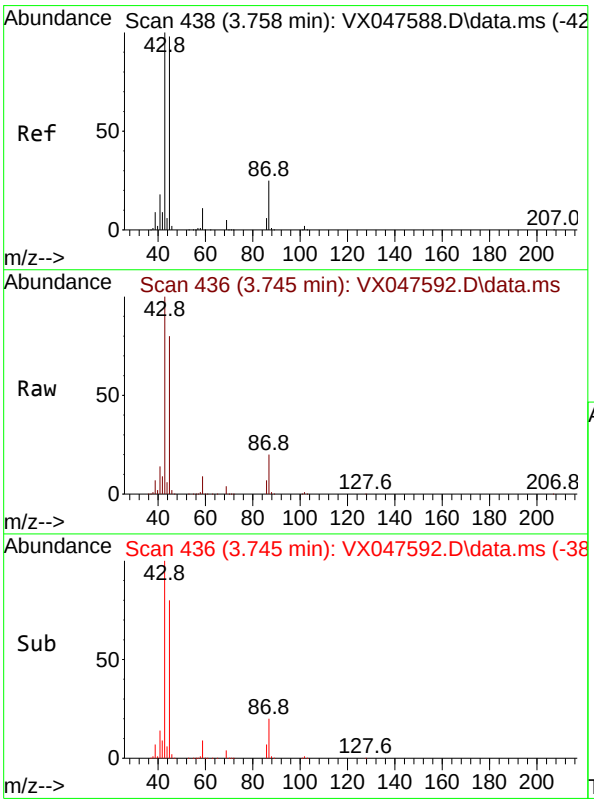
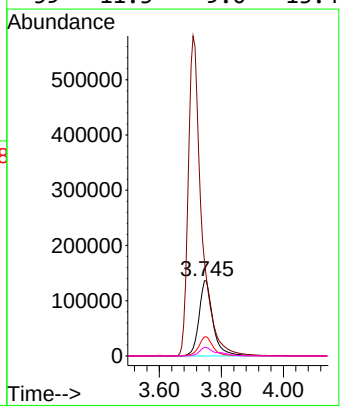
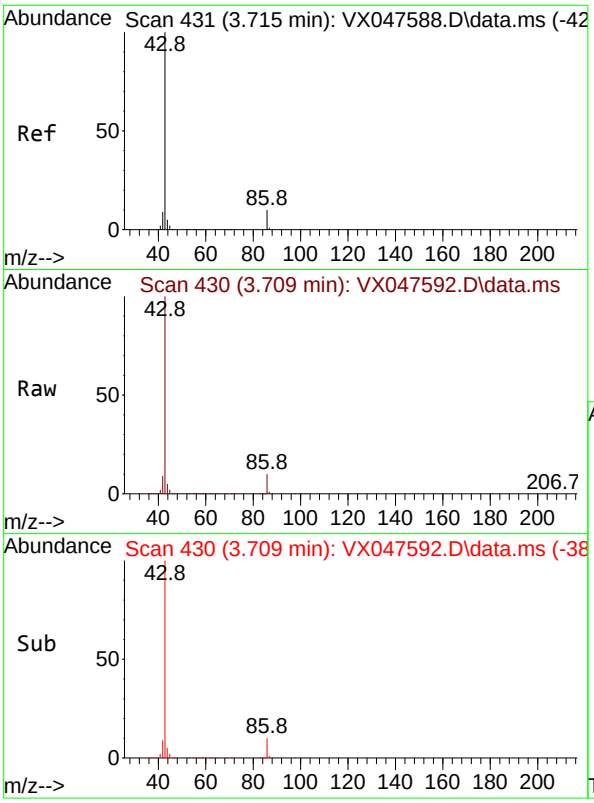


#22
Diisopropyl ether
Concen: 48.174 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 45 Resp: 426854

Ion	Ratio	Lower	Upper
45	100		
43	124.9	81.0	121.4#
87	25.2	20.3	30.5
59	11.3	9.0	13.4

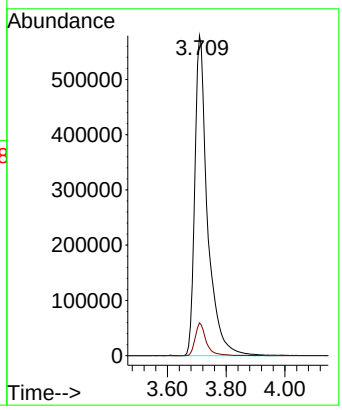




#23
Vinyl Acetate
Concen: 245.539 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 174126

Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8



Instrument :
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ClientSampleId :
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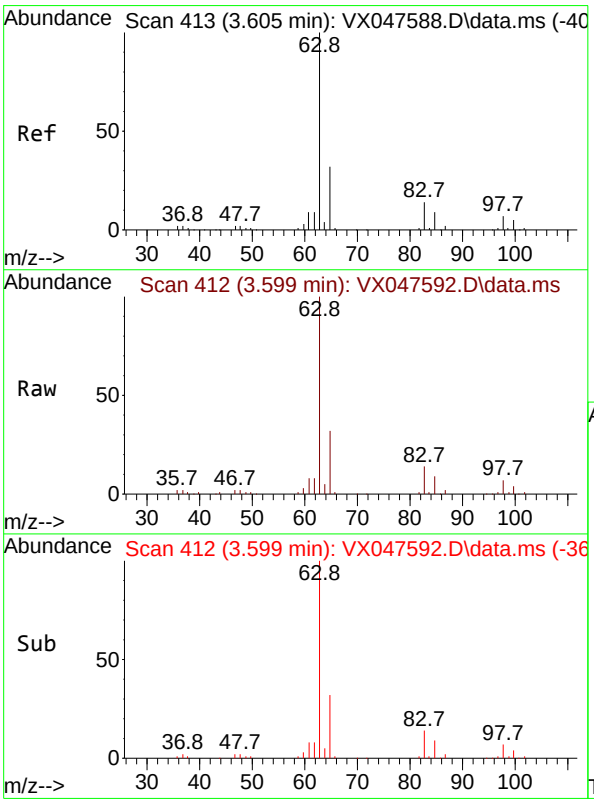
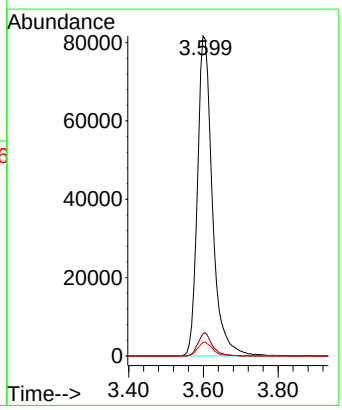
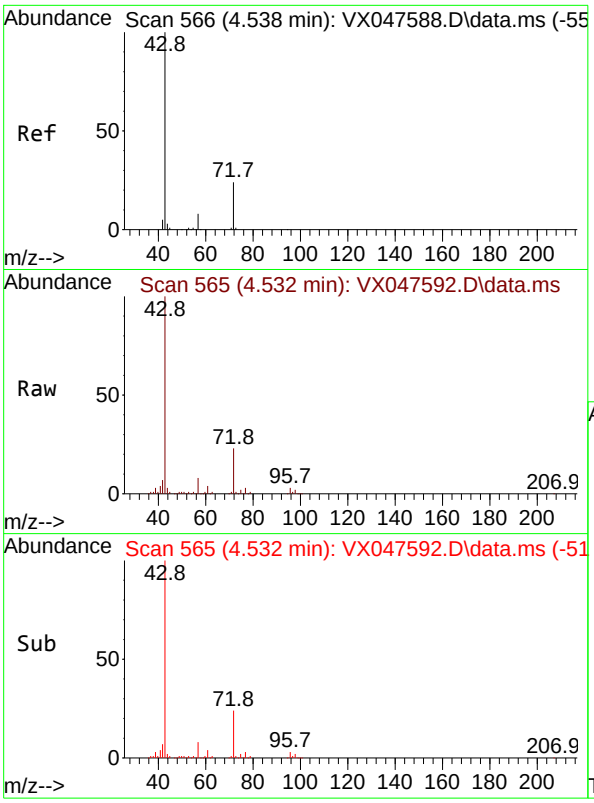


#24
1,1-Dichloroethane
Concen: 48.041 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 226249

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.2
100	4.4	2.3	6.9





#25
2-Butanone
Concen: 253.598 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 40827

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
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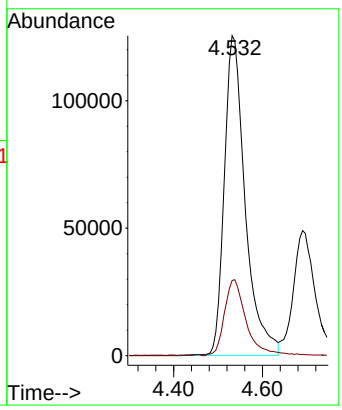
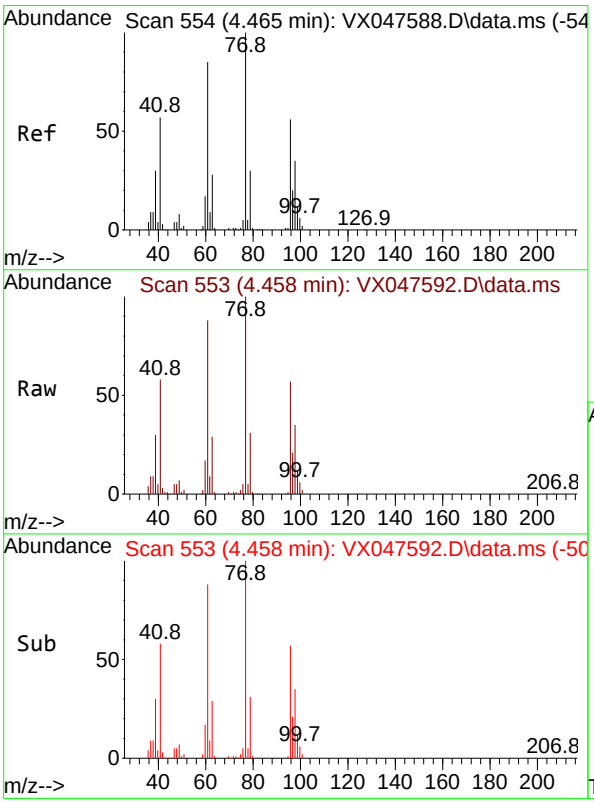
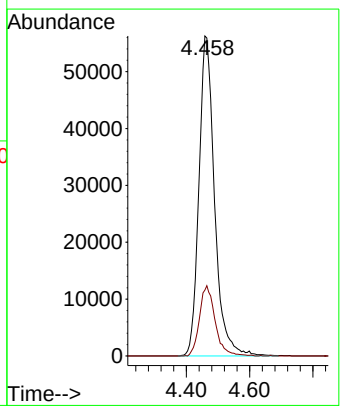


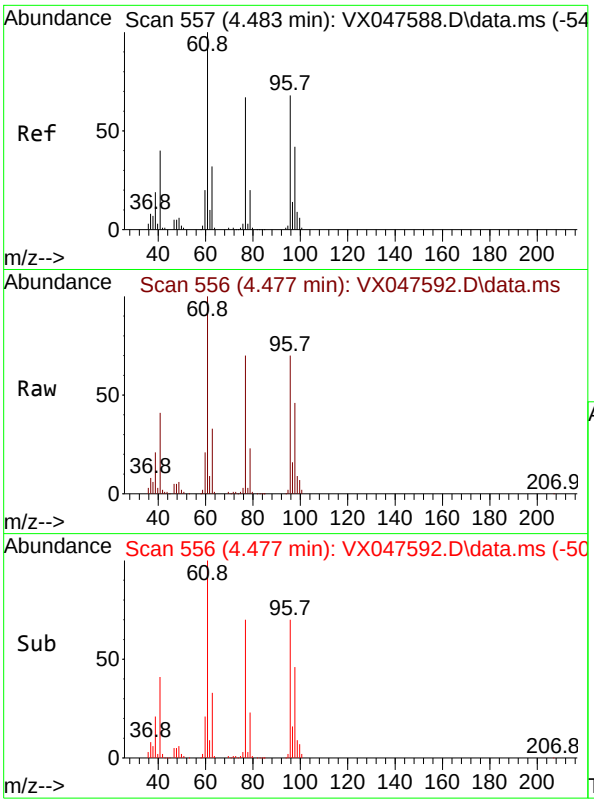


#26
2,2-Dichloropropane
Concen: 49.494 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 77 Resp: 193760

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7

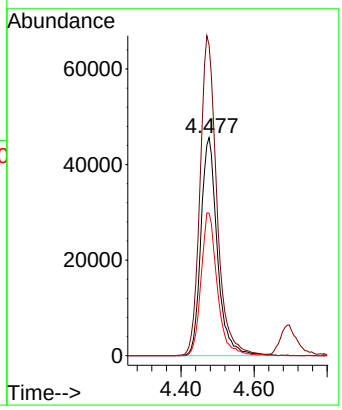




#27
cis-1,2-Dichloroethene
Concen: 48.826 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 96 Resp: 14263

Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	303.2
98	64.3	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
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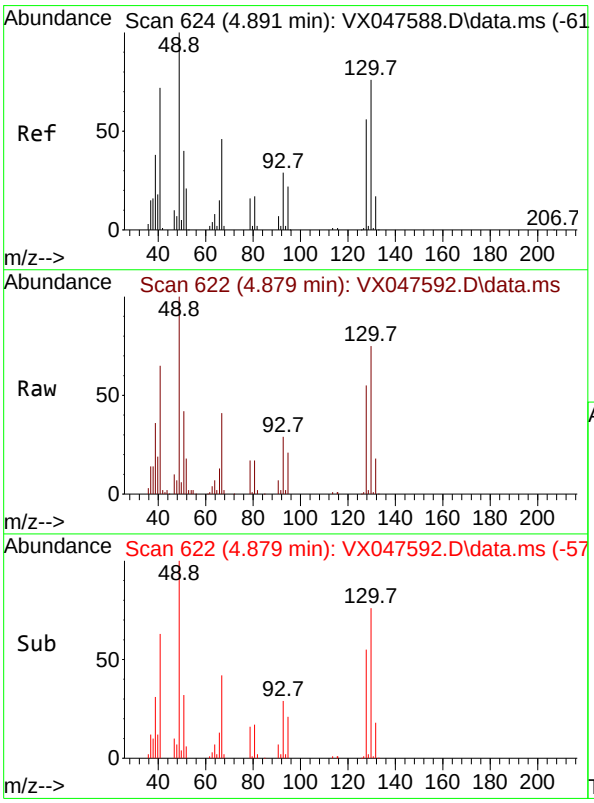
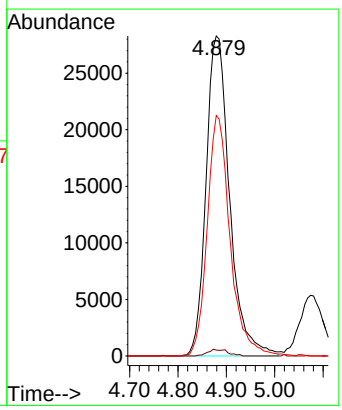
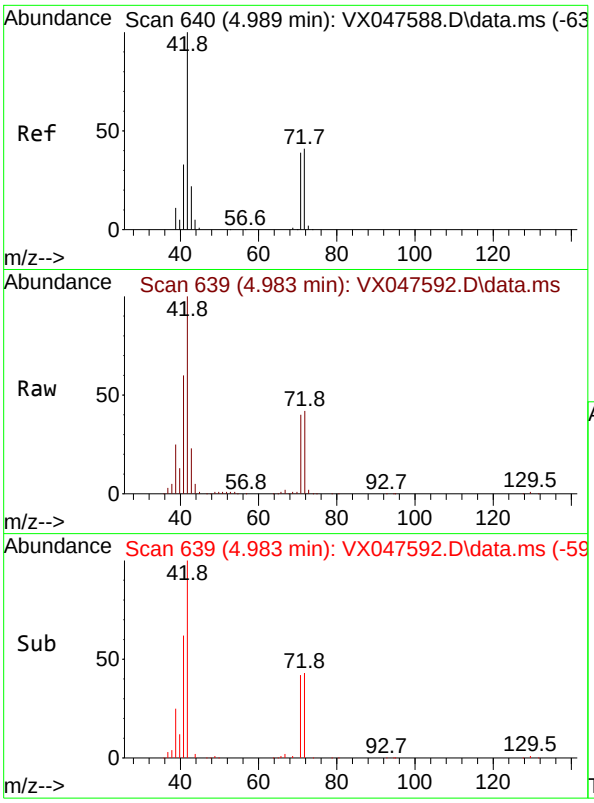


#28
Bromochloromethane
Concen: 46.586 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 49 Resp: 95782

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	72.9	57.8	86.8

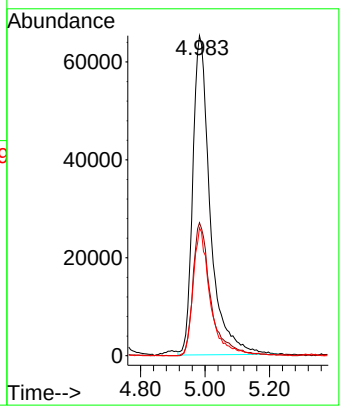




#29
Tetrahydrofuran
Concen: 253.375 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 42 Resp: 24539

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	38.9	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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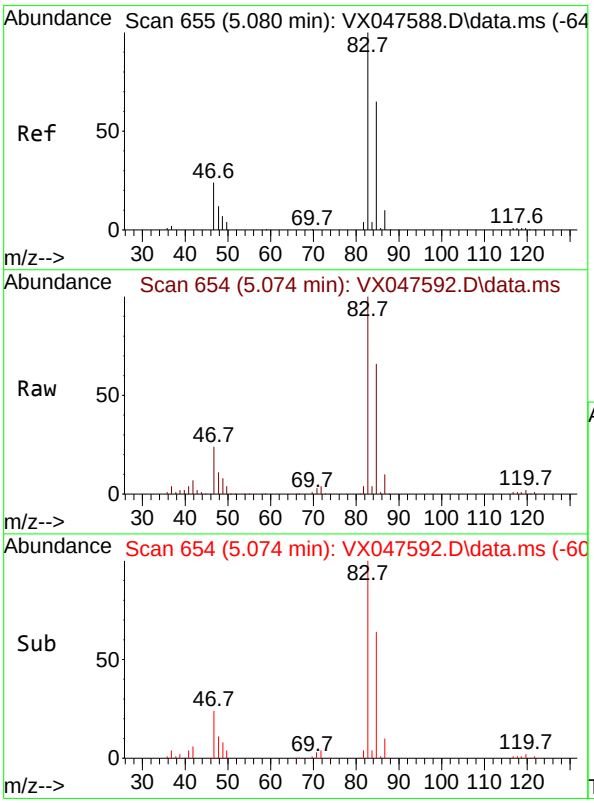
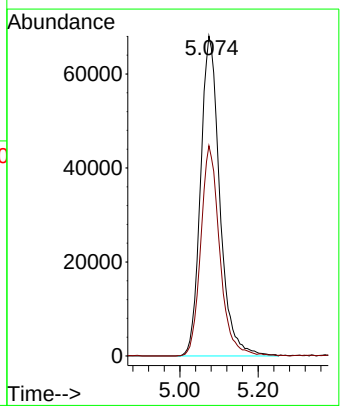
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

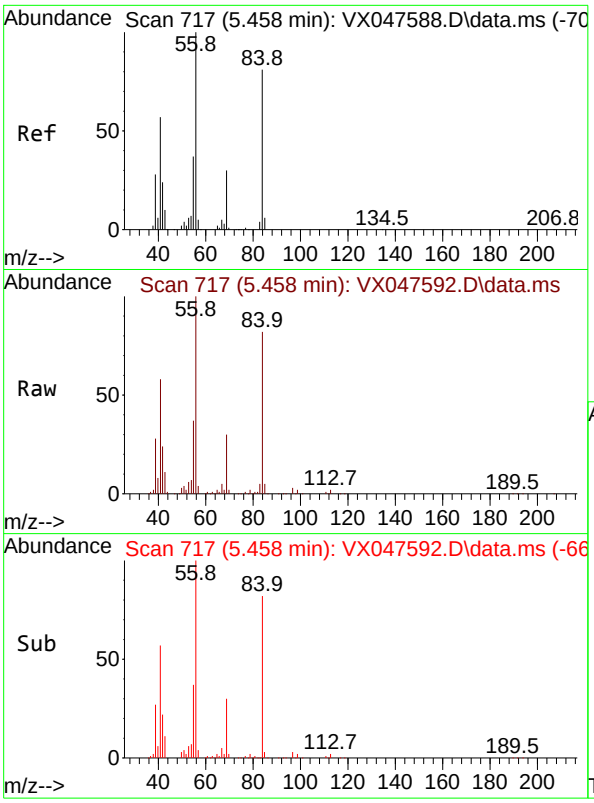


#30
Chloroform
Concen: 48.739 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 231954

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6

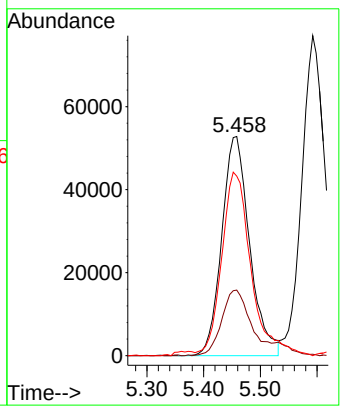




#31
Cyclohexane
Concen: 45.999 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 56 Resp: 18043

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	80.3	64.6	97.0



Instrument :
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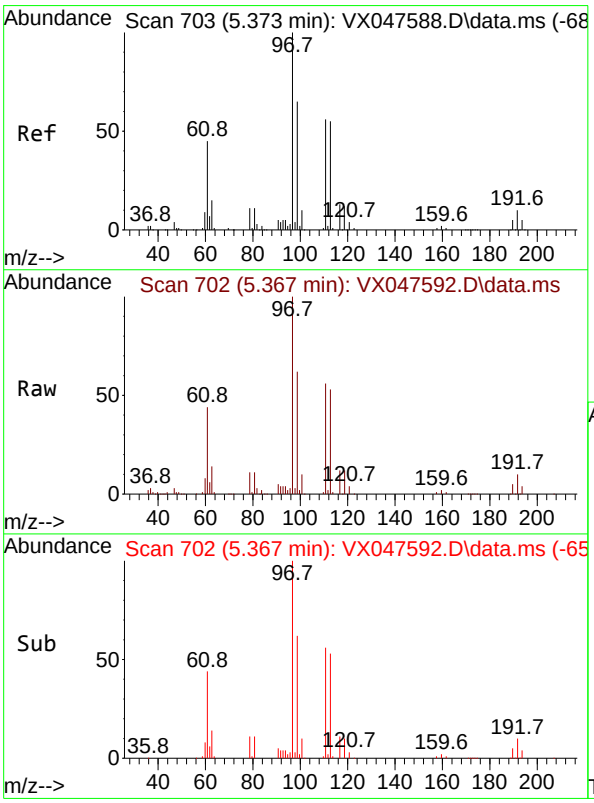
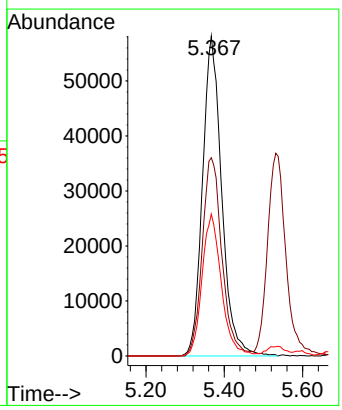
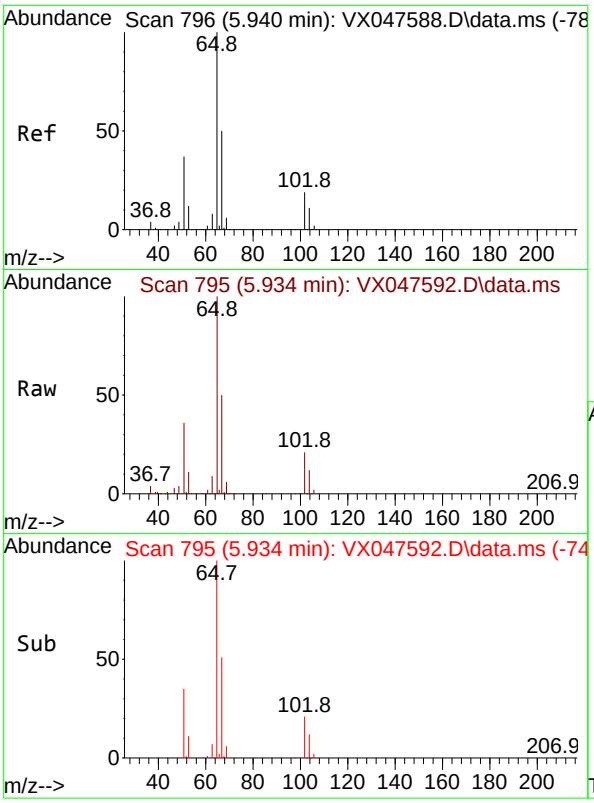


#32
1,1,1-Trichloroethane
Concen: 48.978 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 97 Resp: 197711

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	44.6	35.8	53.8

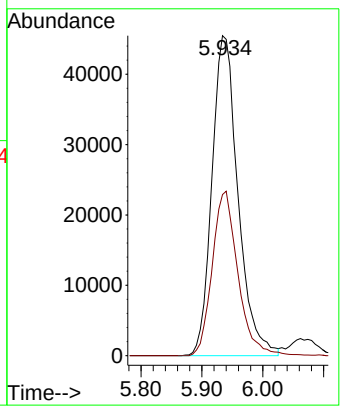




#33
1,2-Dichloroethane-d4
Concen: 45.550 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 65 Resp: 13520

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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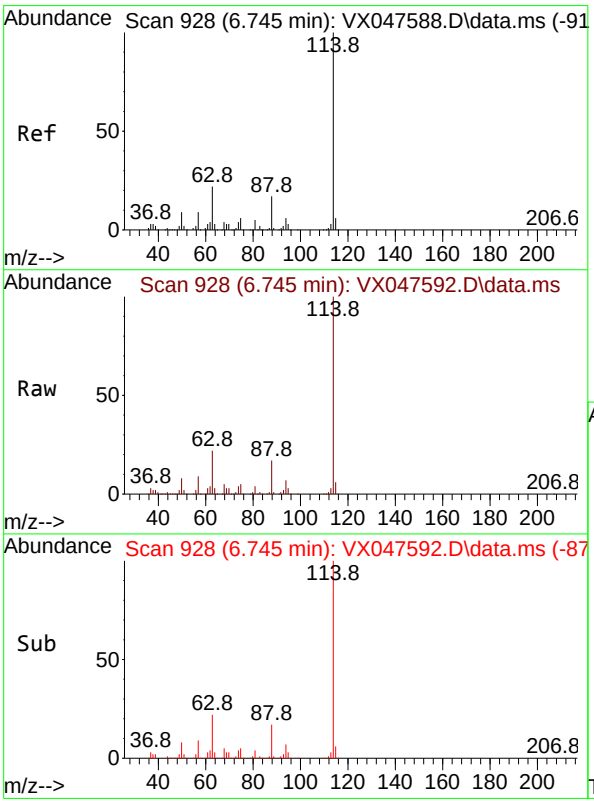
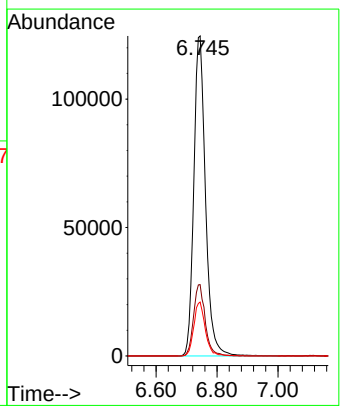
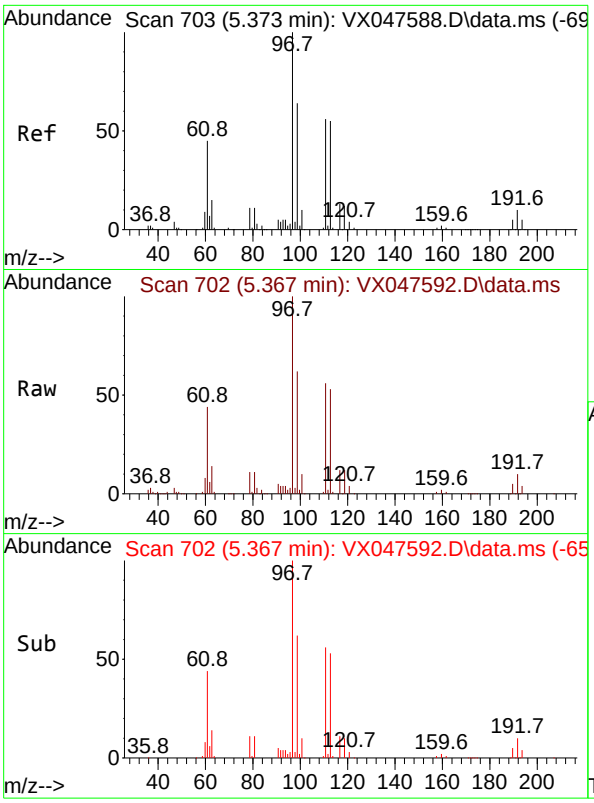


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:114 Resp: 331837

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.8	0.0	34.2

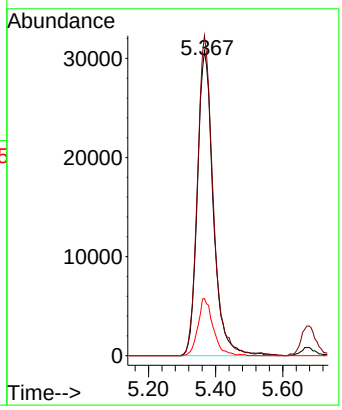




#35
Dibromofluoromethane
Concen: 45.559 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:113 Resp: 10139

Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.9	121.3
192	17.9	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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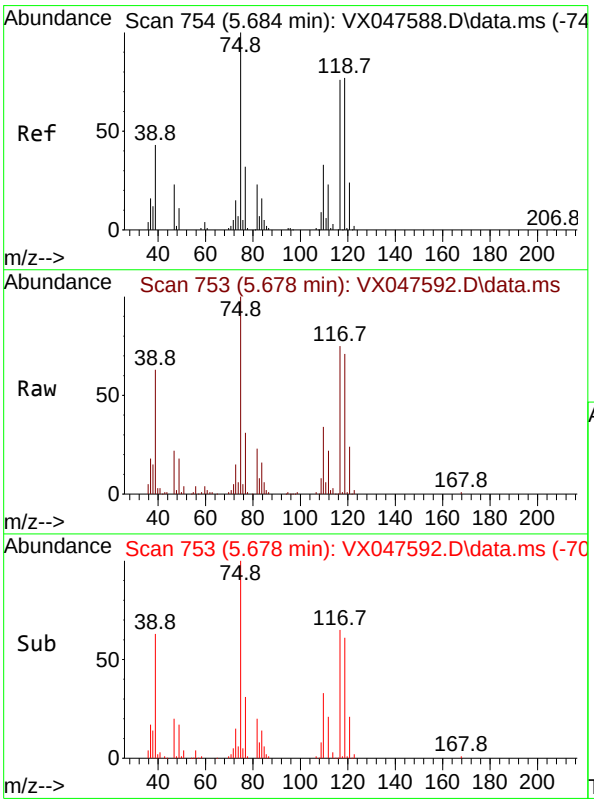
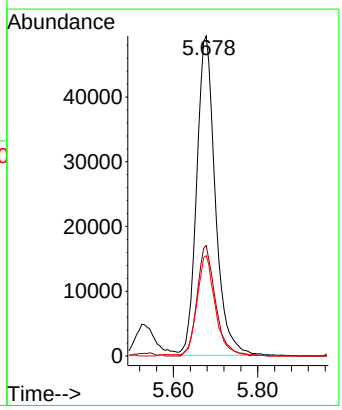
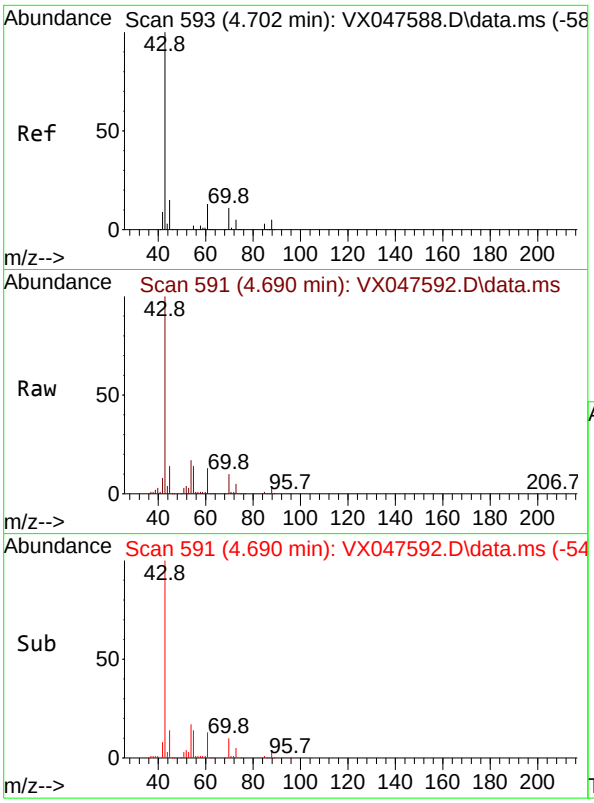


#36
1,1-Dichloropropene
Concen: 46.663 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 151745

Ion	Ratio	Lower	Upper
75	100		
110	33.9	16.7	50.1
77	31.0	24.3	36.5

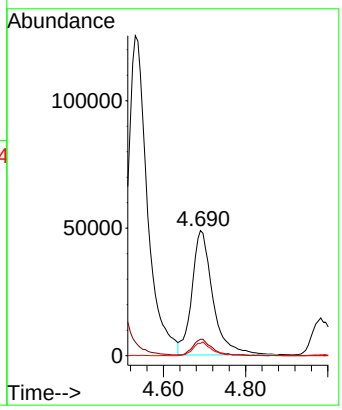




#37
Ethyl Acetate
Concen: 49.241 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 17145

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	9.8	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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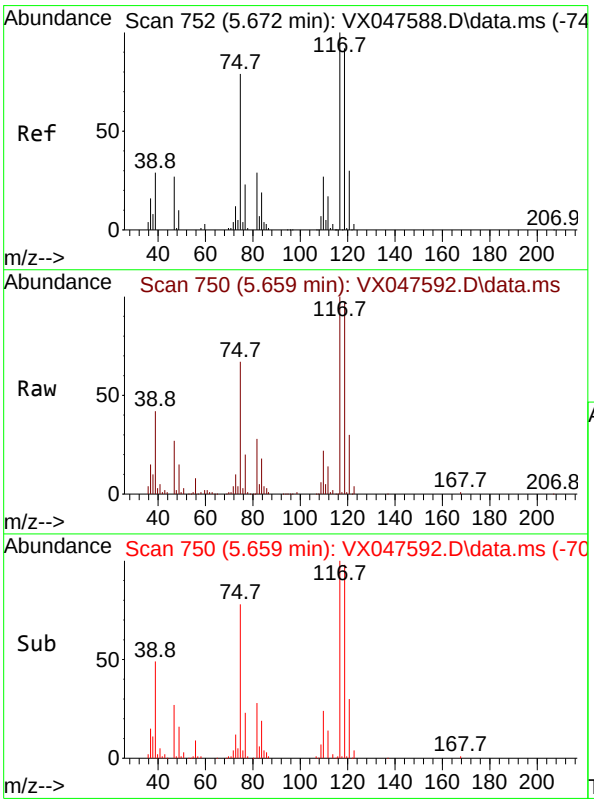
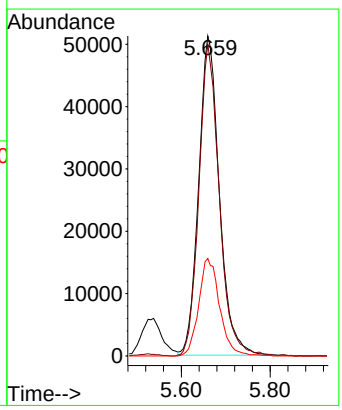
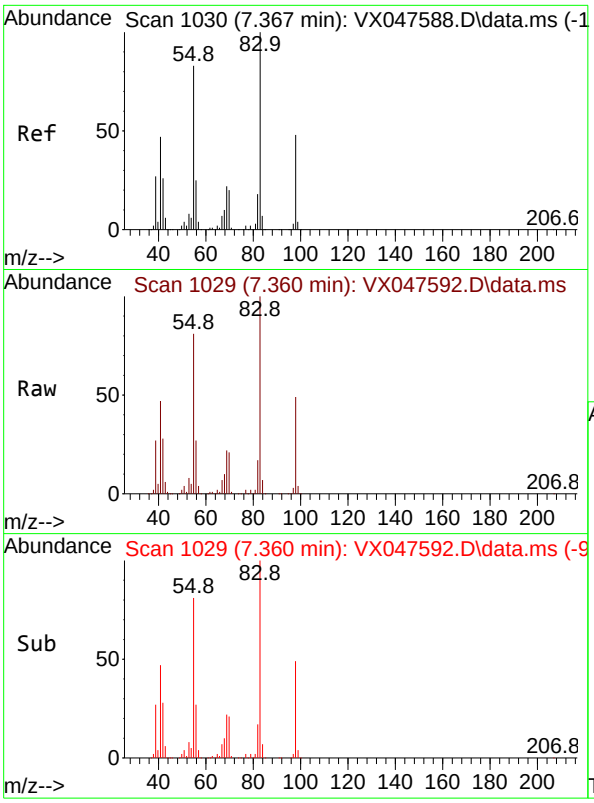


#38
Carbon Tetrachloride
Concen: 46.935 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 165834

Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.4	110.2
121	30.5	23.8	35.6

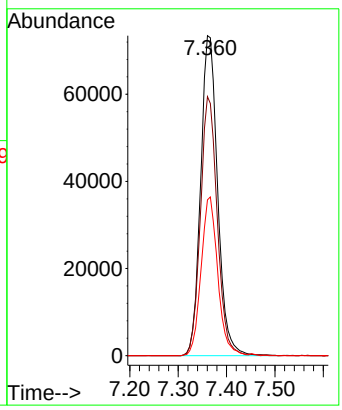




#39
Methylcyclohexane
Concen: 48.597 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 17939

Ion	Ratio	Lower	Upper
83	100		
55	81.0	66.4	99.6
98	48.7	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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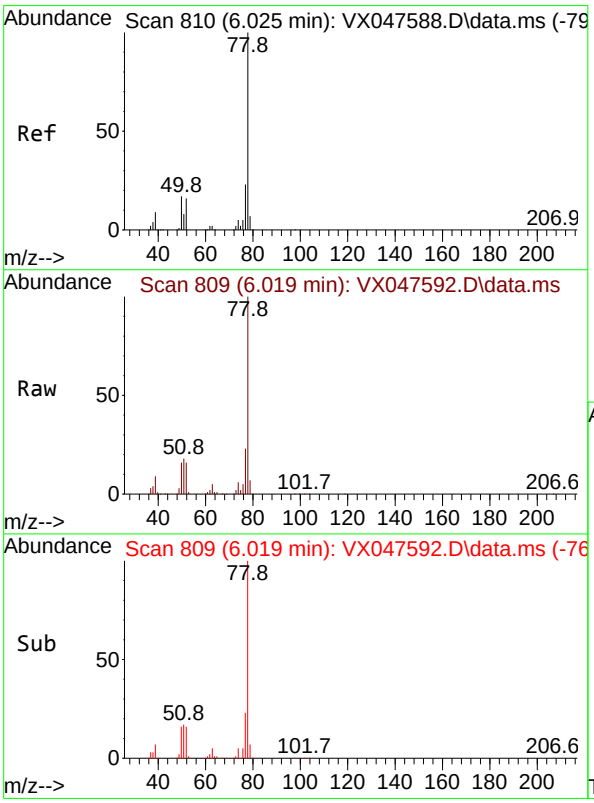
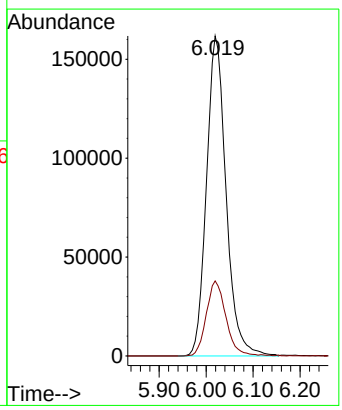
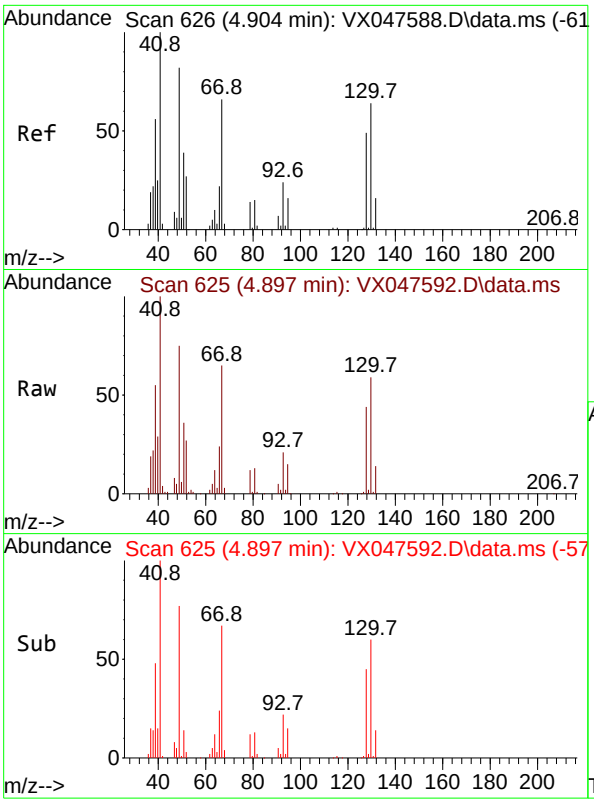


#40
Benzene
Concen: 47.357 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 78 Resp: 467748

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

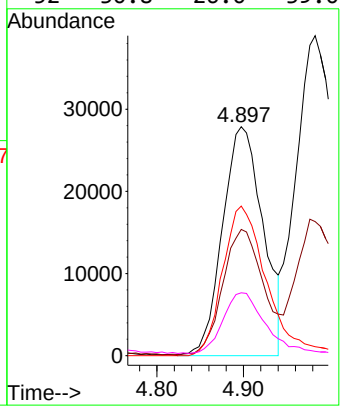




#41
Methacrylonitrile
Concen: 50.490 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 9075

Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.3	64.9
67	72.5	58.6	87.8
52	30.8	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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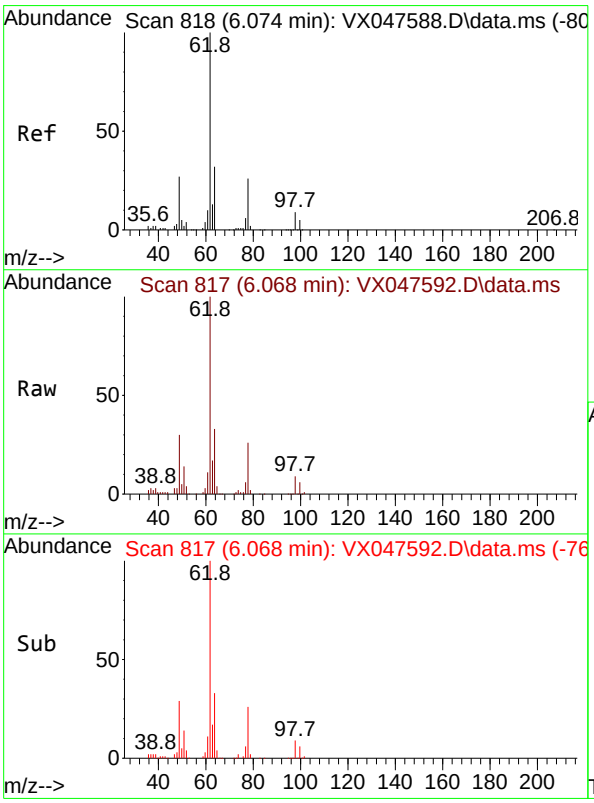
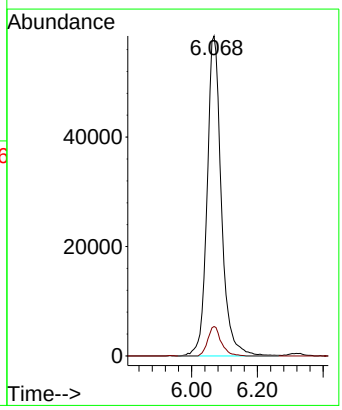
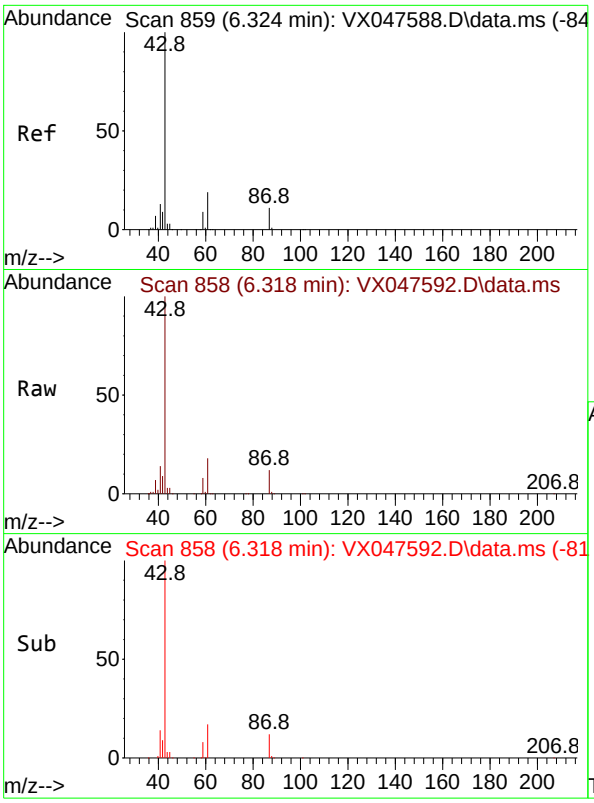


#42
1,2-Dichloroethane
Concen: 46.867 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 176131

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

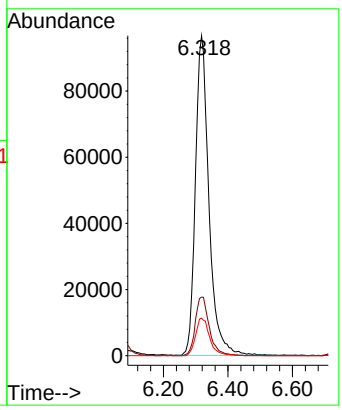




#43
Isopropyl Acetate
Concen: 49.136 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 28059

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.2	9.6	14.4



Instrument :
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ClientSampleId :
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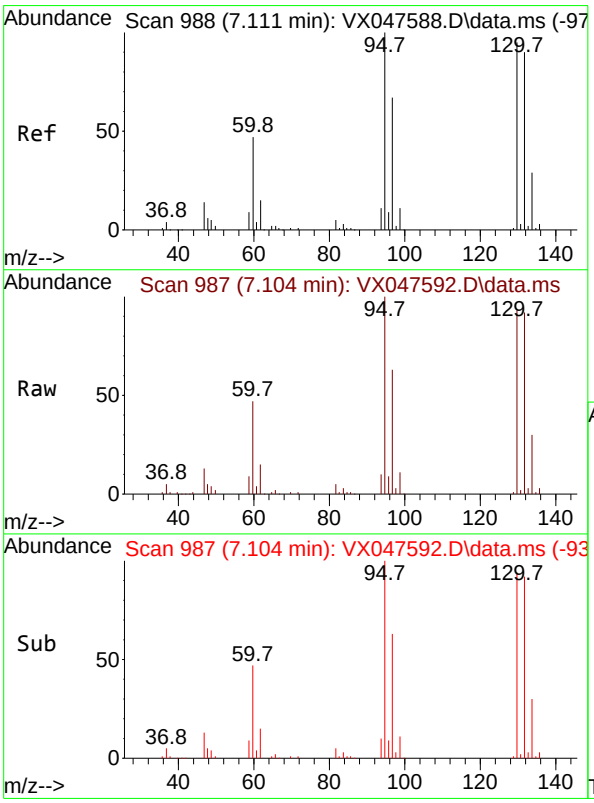
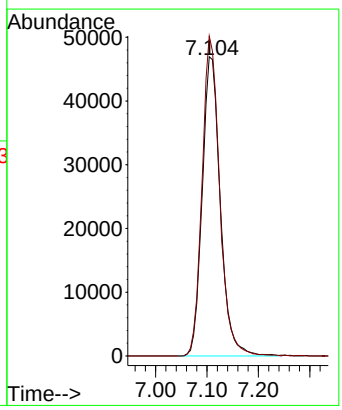
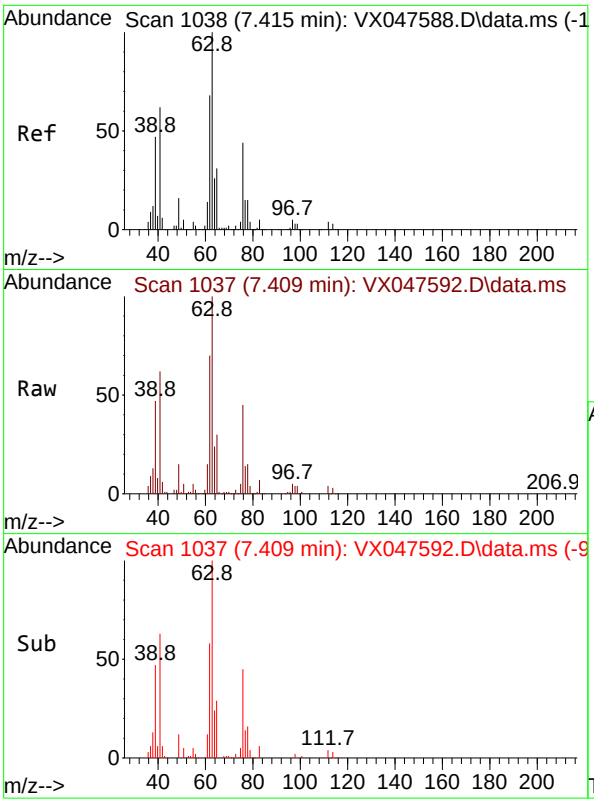


#44
Trichloroethene
Concen: 48.037 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:130 Resp: 114708

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	210.8

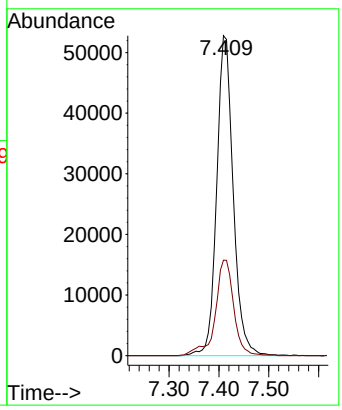




#45
1,2-Dichloropropane
Concen: 48.053 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 12153

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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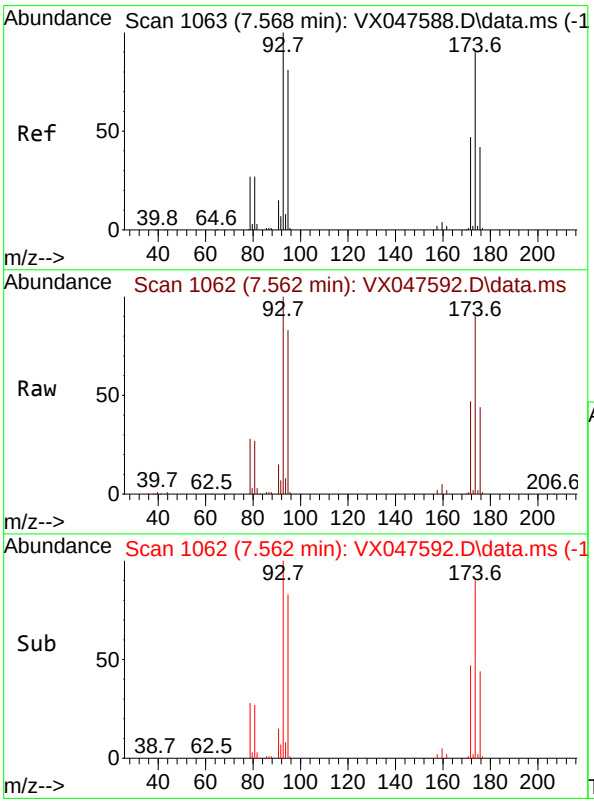
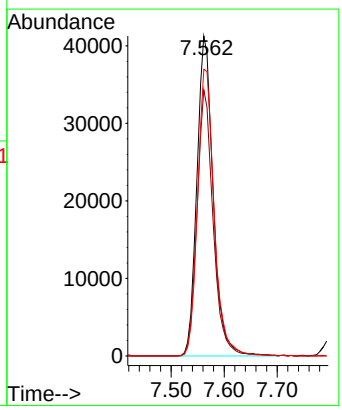
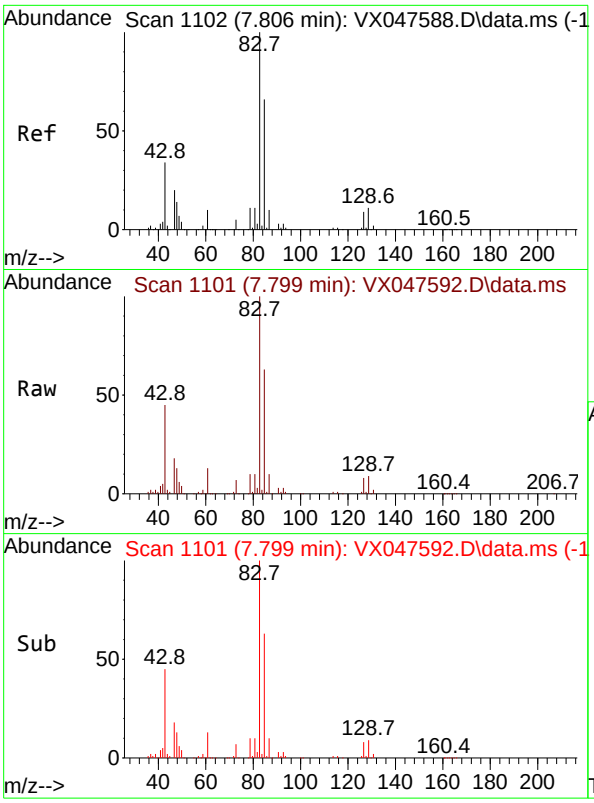


#46
Dibromomethane
Concen: 47.976 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 93 Resp: 88297

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.0	97.6
174	91.3	71.6	107.4

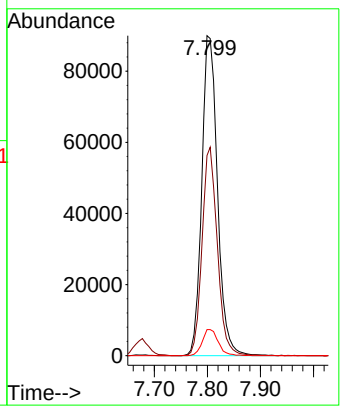




#47
Bromodichloromethane
Concen: 48.769 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 18521

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.5	78.7
127	8.1	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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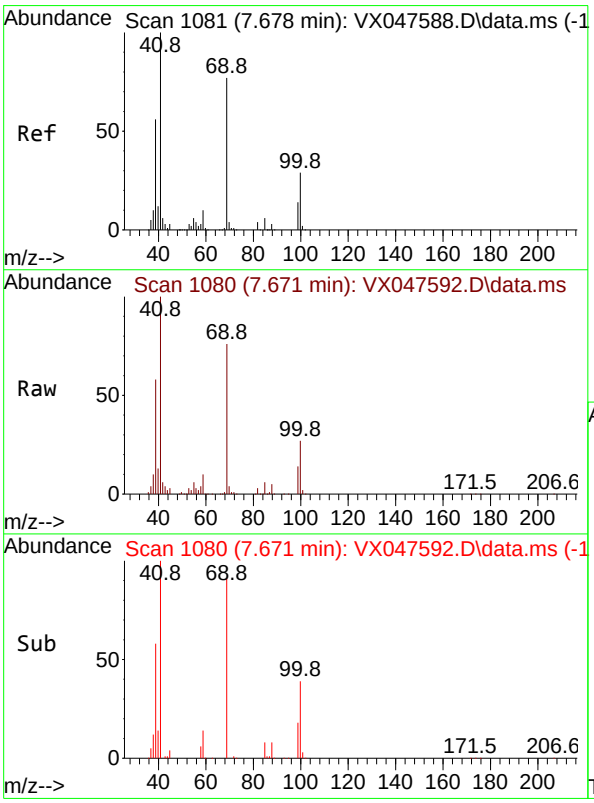
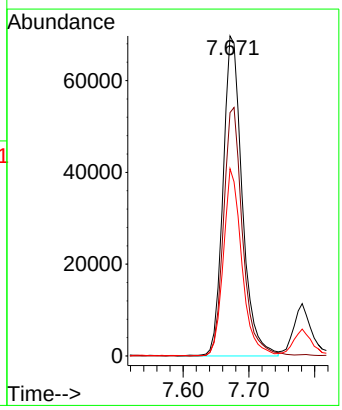
Supervised By :Mahesh Dadoda 09/18/2025

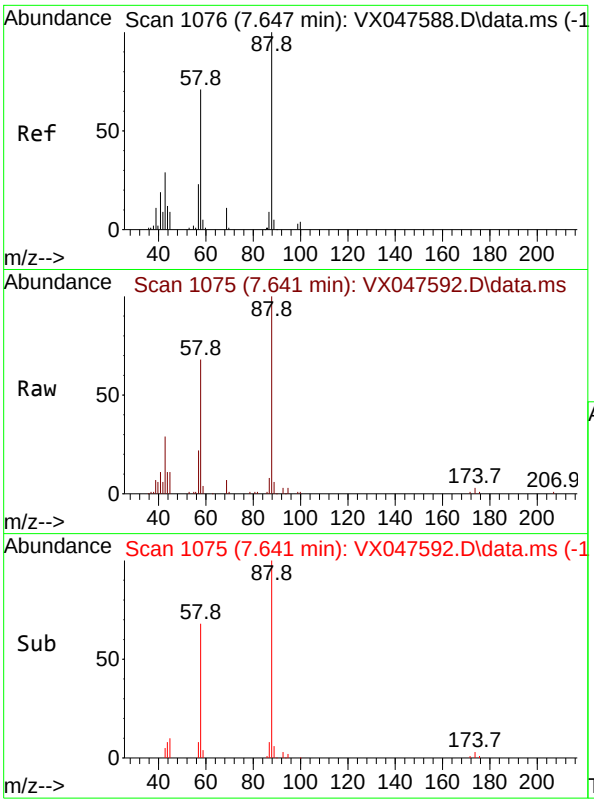


#48
Methyl methacrylate
Concen: 49.757 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 41 Resp: 141532

Ion	Ratio	Lower	Upper
41	100		
69	77.1	61.4	92.2
39	56.4	45.8	68.6

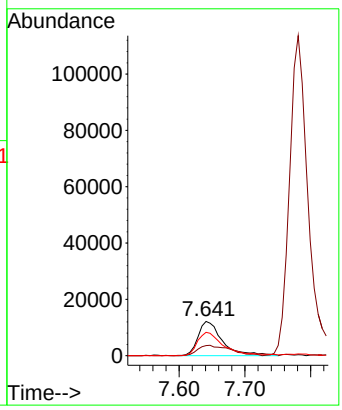




#49
1,4-Dioxane
Concen: 1089.520 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 88 Resp: 3132

Ion	Ratio	Lower	Upper
88	100		
43	40.9	30.2	45.2
58	74.1	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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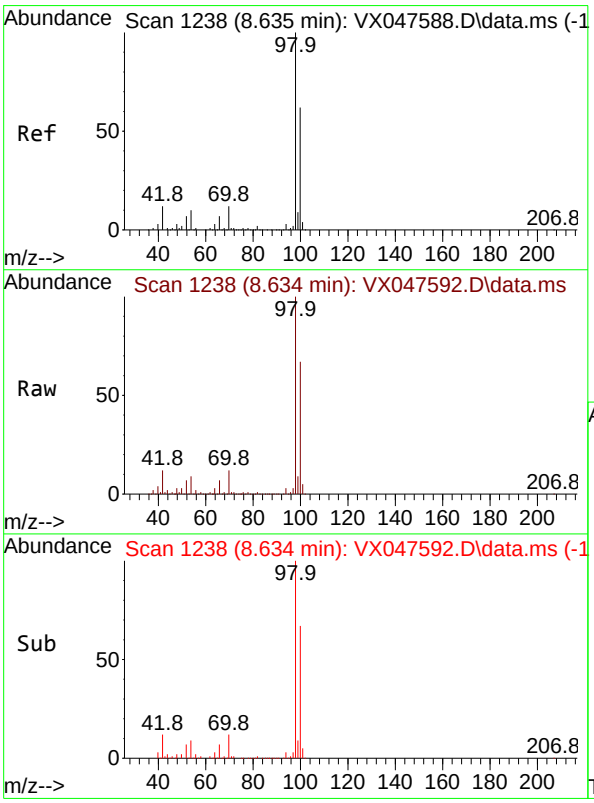
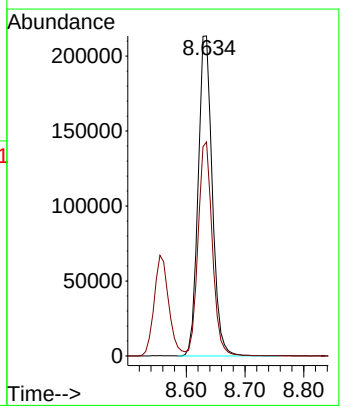
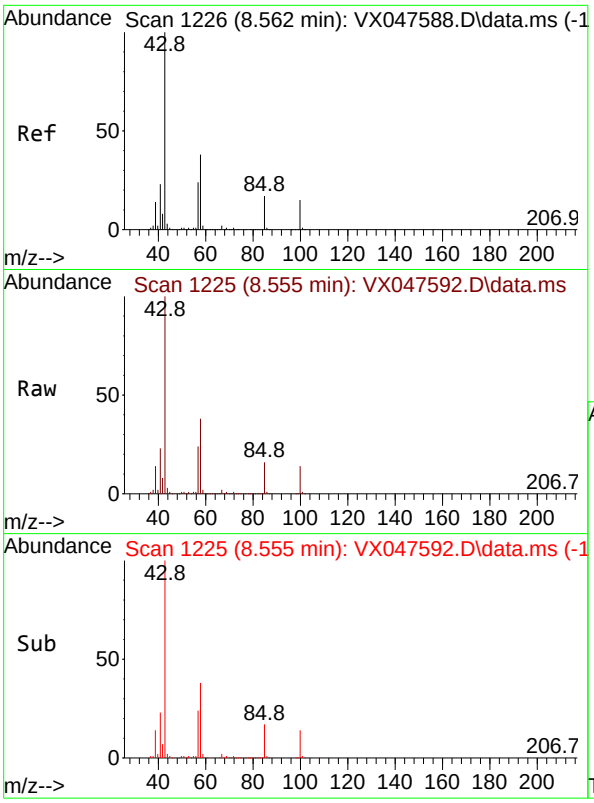


#50
Toluene-d8
Concen: 46.411 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 98 Resp: 357393

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4

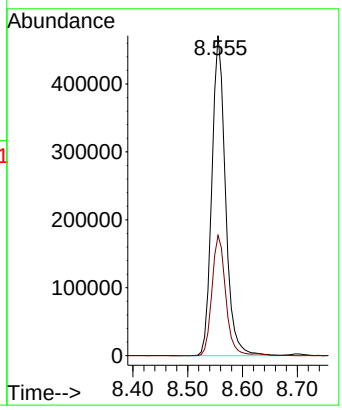




#51
4-Methyl-2-Pentanone
Concen: 255.752 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 80975

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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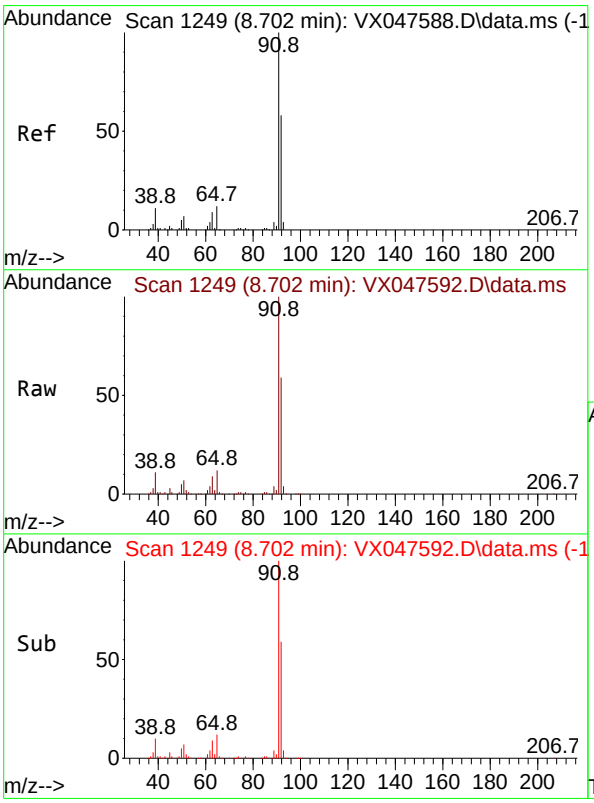
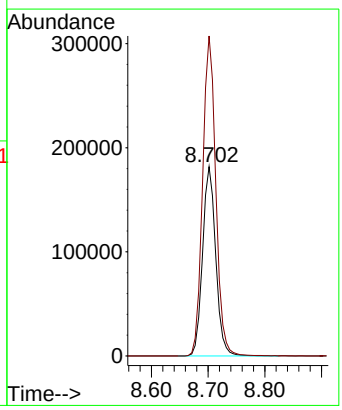
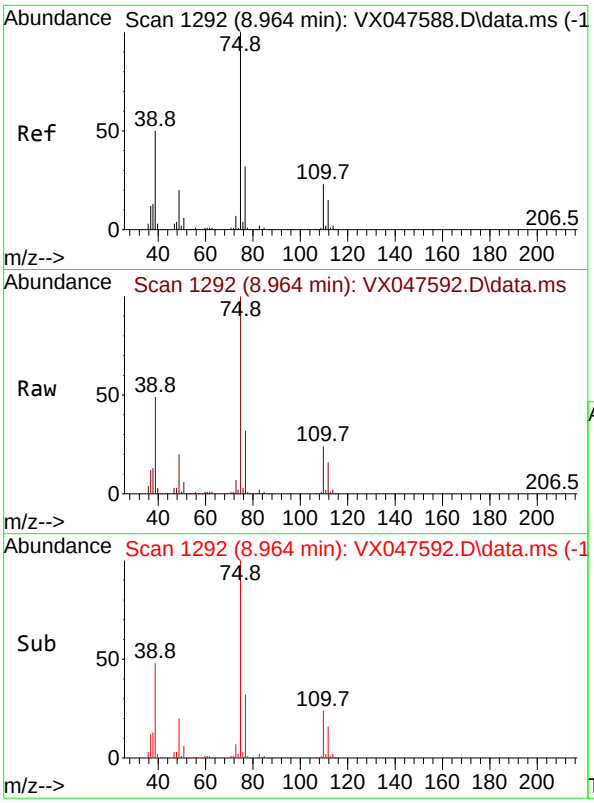


#52
Toluene
Concen: 48.130 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 92 Resp: 292879

Ion	Ratio	Lower	Upper
92	100		
91	169.4	137.1	205.7

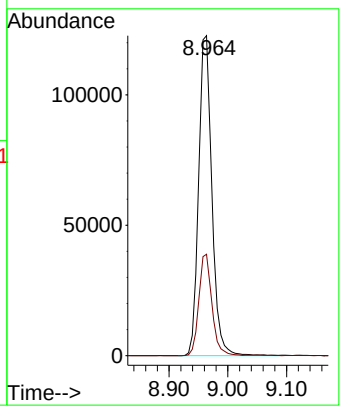




#53
t-1,3-Dichloropropene
Concen: 49.527 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 19186

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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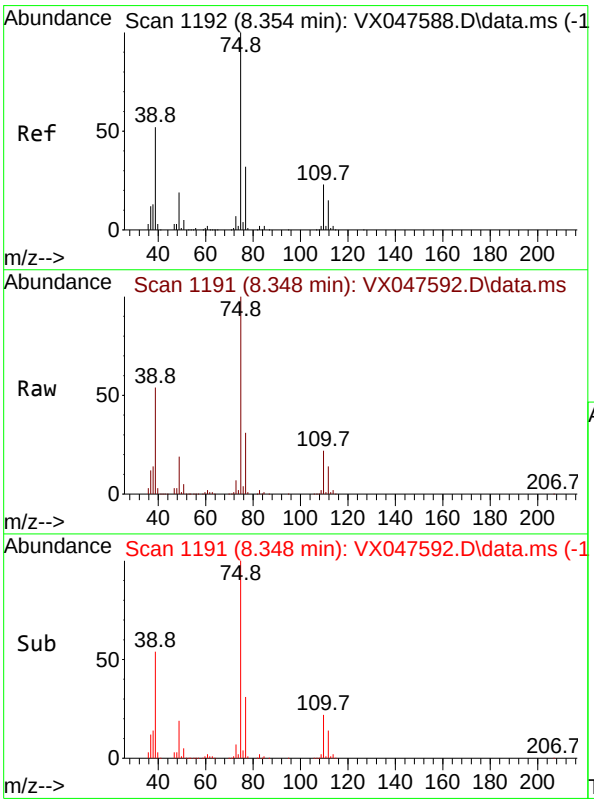
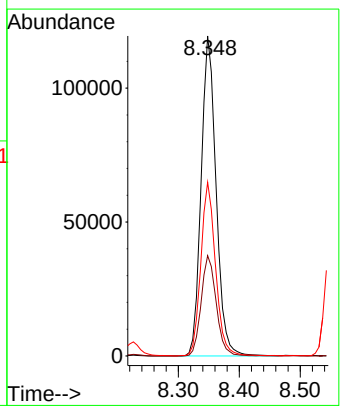
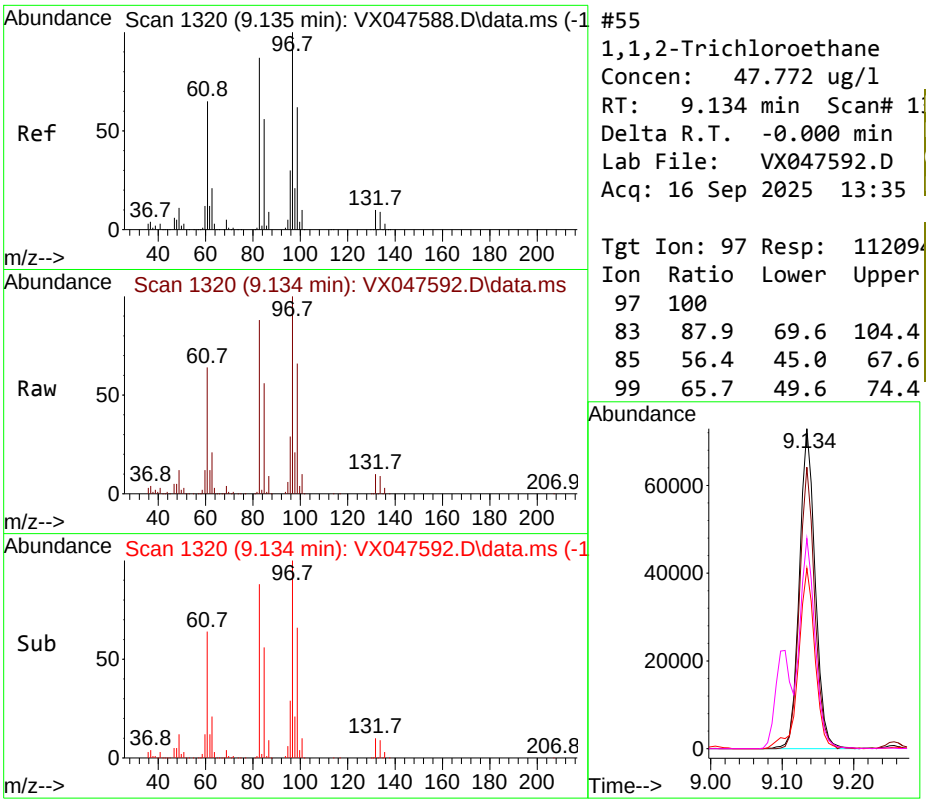


#54
cis-1,3-Dichloropropene
Concen: 49.257 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 203954

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	54.2	41.4	62.2





#55
1,1,2-Trichloroethane
Concen: 47.772 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 97 Resp: 11209

Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.6	104.4
85	56.4	45.0	67.6
99	65.7	49.6	74.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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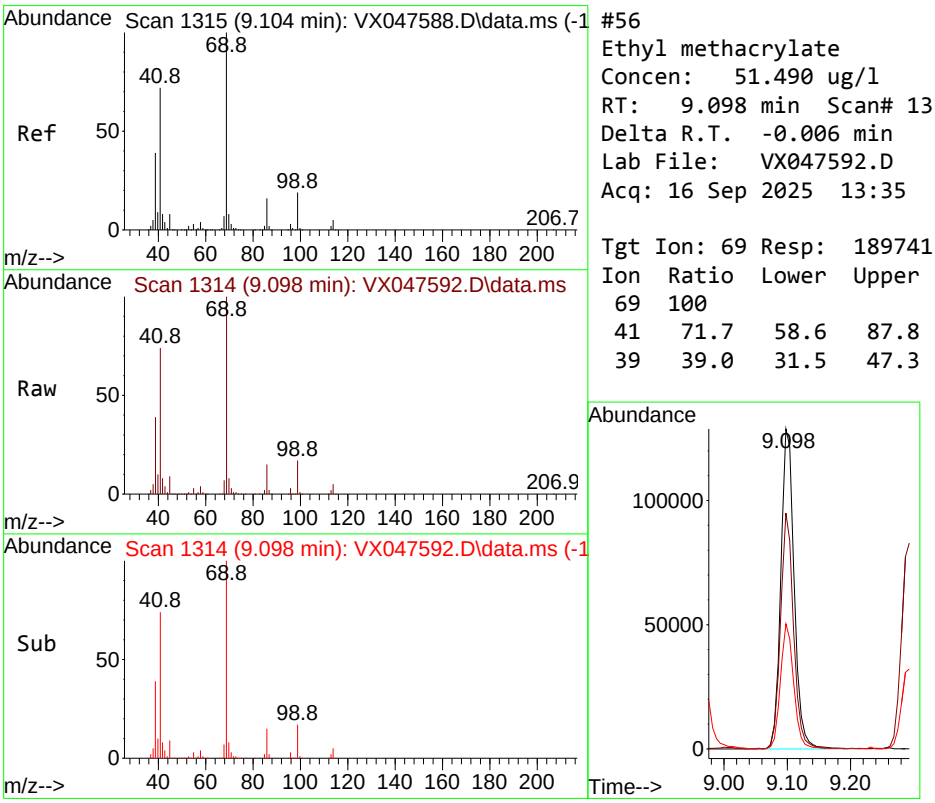
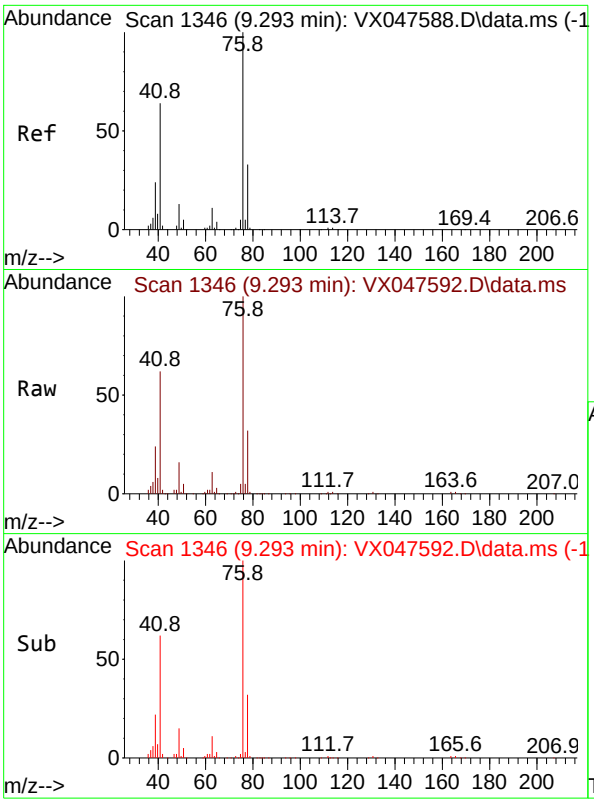


#56
Ethyl methacrylate
Concen: 51.490 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 69 Resp: 189741

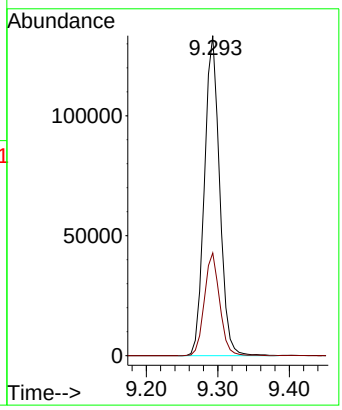
Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.6	87.8
39	39.0	31.5	47.3



#57
1,3-Dichloropropane
Concen: 48.894 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 76 Resp: 19707

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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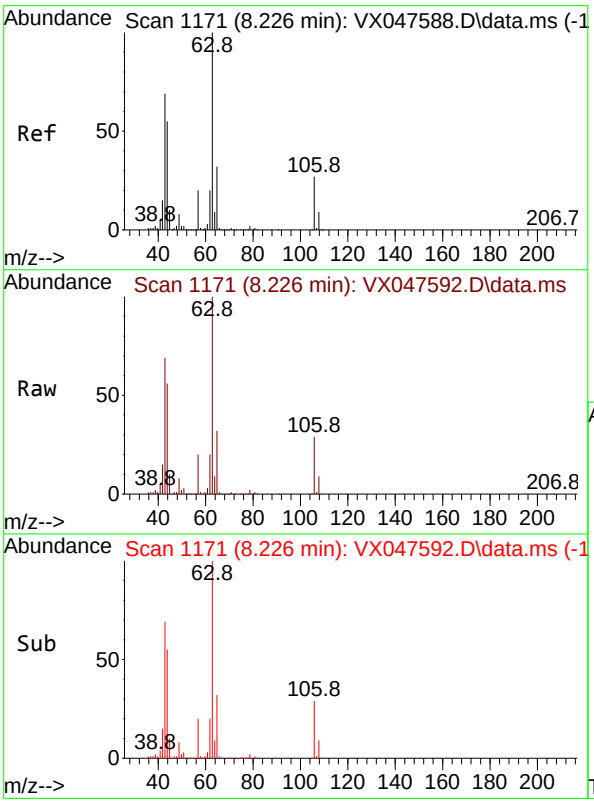
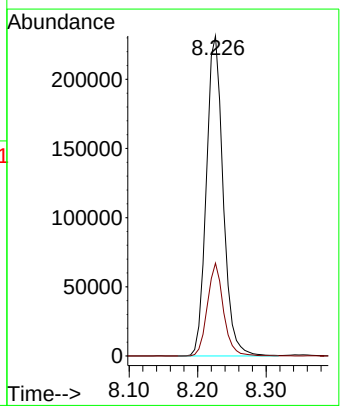
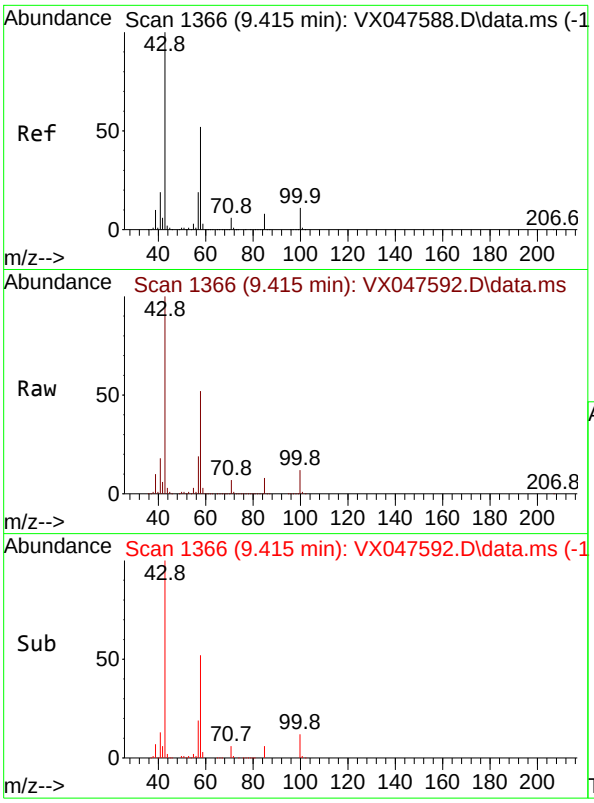


#58
2-Chloroethyl Vinyl ether
Concen: 225.562 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 394205

Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.9	32.9





#59
2-Hexanone
Concen: 253.126 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 57559

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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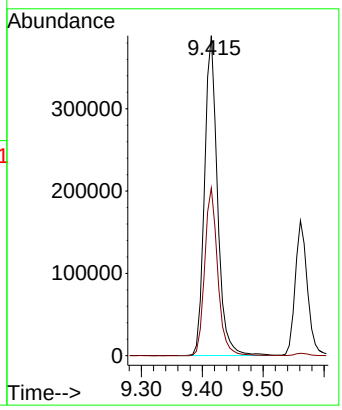
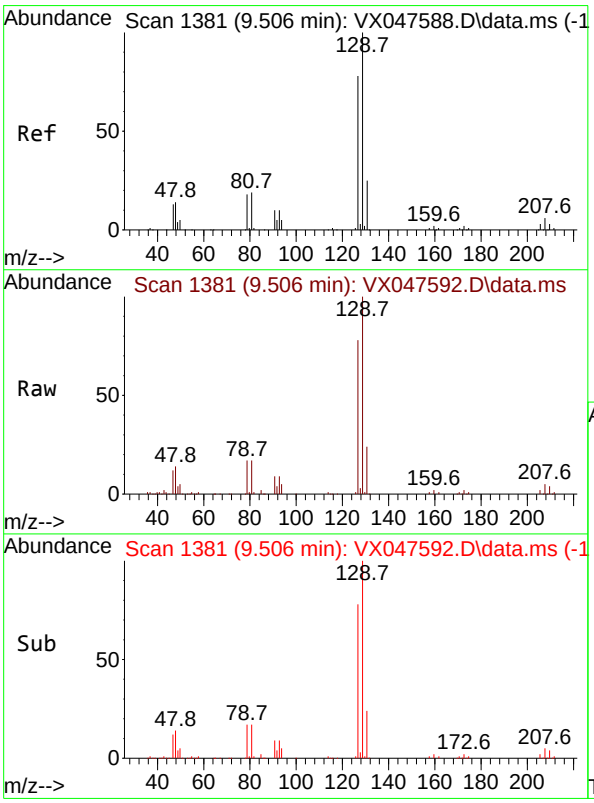
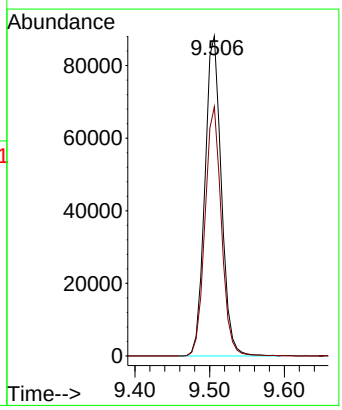


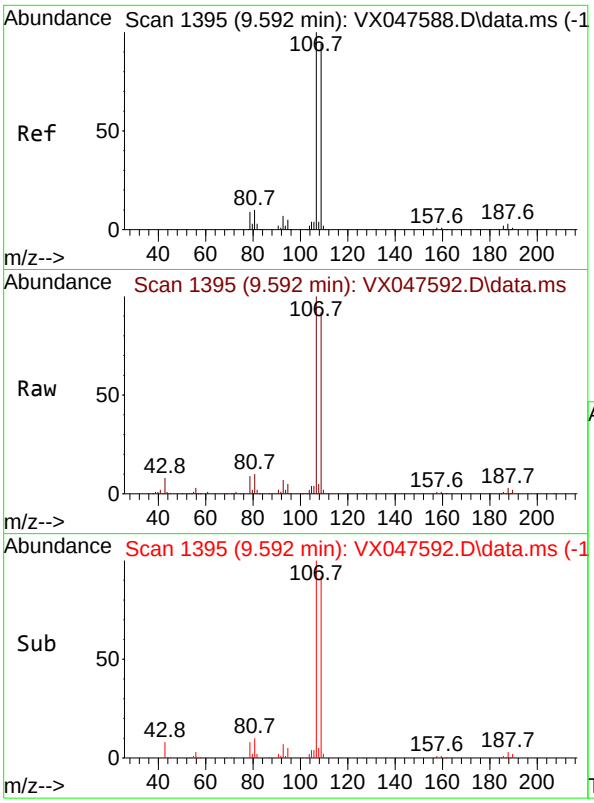


#60
Dibromochloromethane
Concen: 49.824 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:129 Resp: 134704

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2

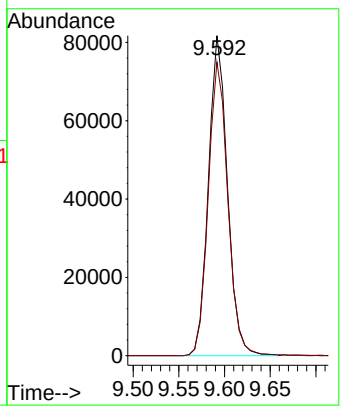




#61
1,2-Dibromoethane
Concen: 49.297 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:107 Resp: 11781

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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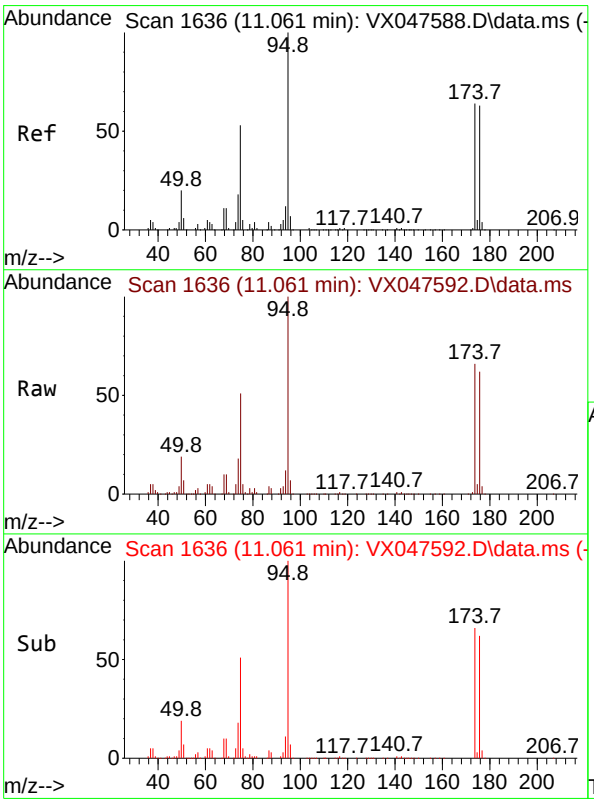
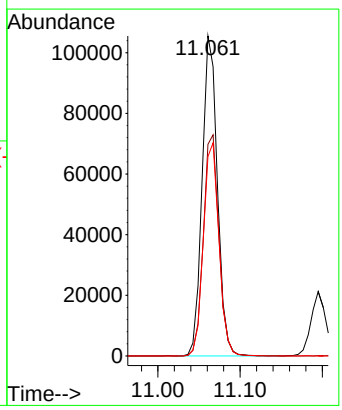
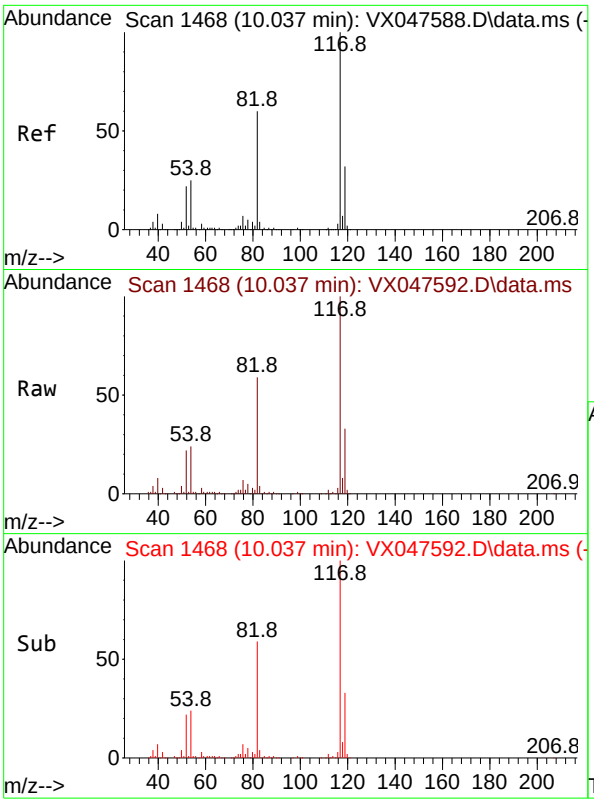


#62
4-Bromofluorobenzene
Concen: 46.520 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 95 Resp: 135957

Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	141.6
176	68.0	0.0	138.4

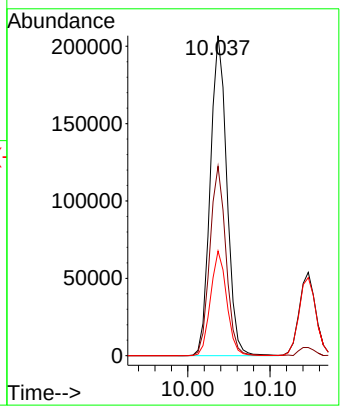




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 28866

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.8	71.6
119	32.7	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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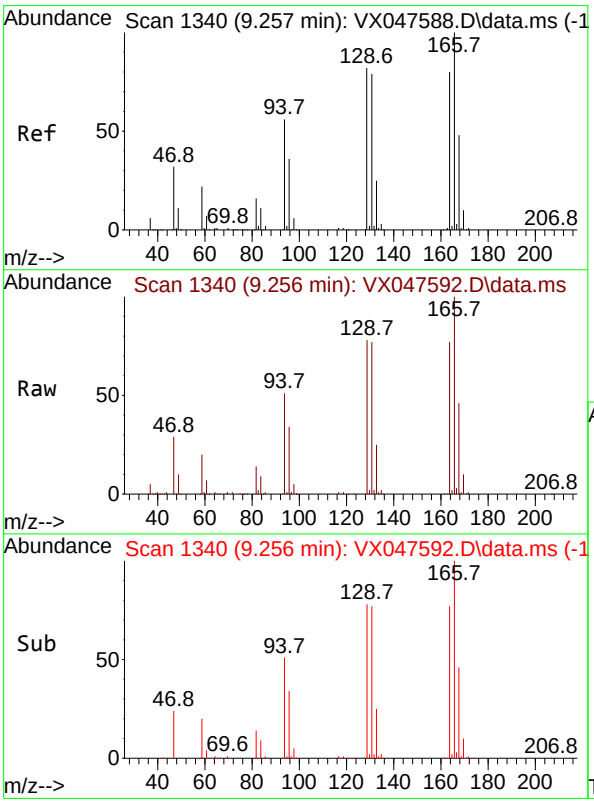
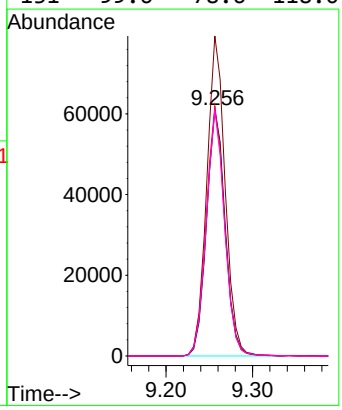
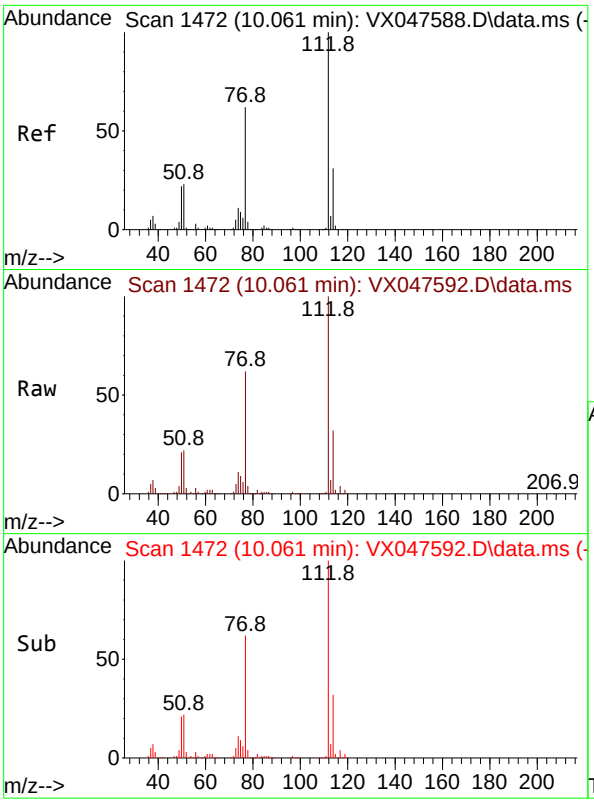


#64
Tetrachloroethene
Concen: 48.296 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:164 Resp: 90881

Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.2	150.2
129	101.3	81.8	122.6
131	99.6	78.6	118.0

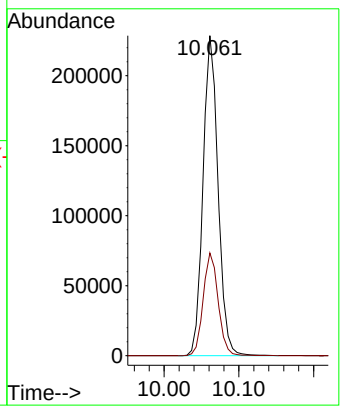




#65
Chlorobenzene
Concen: 48.549 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:112 Resp: 31837

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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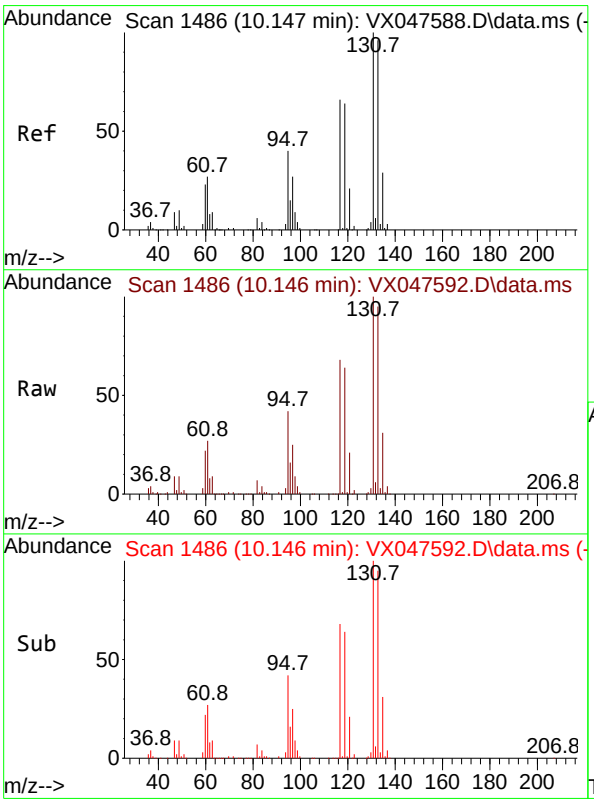
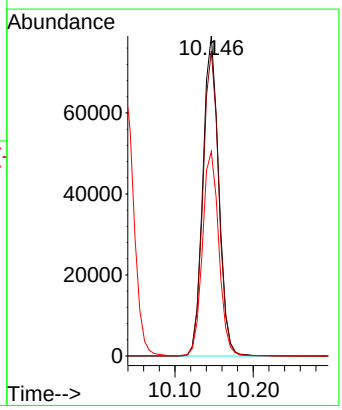
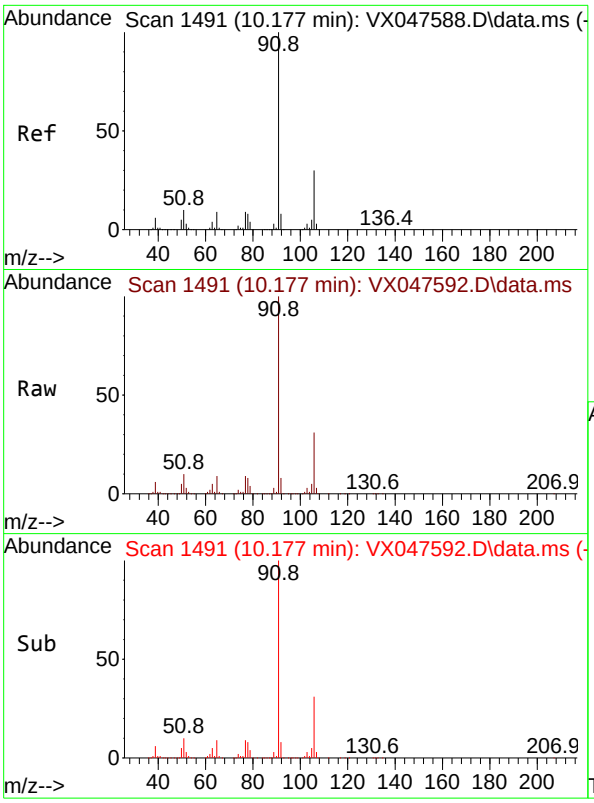


#66
1,1,1,2-Tetrachloroethane
Concen: 48.794 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:131 Resp: 110416

Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	142.0
119	66.3	32.0	96.0

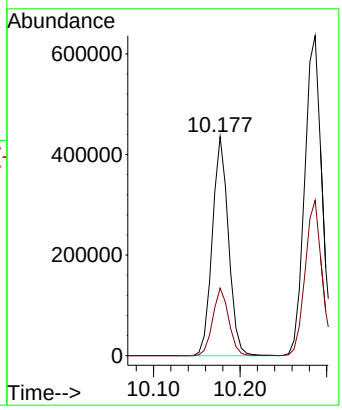




#67
Ethyl Benzene
Concen: 49.813 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 56363

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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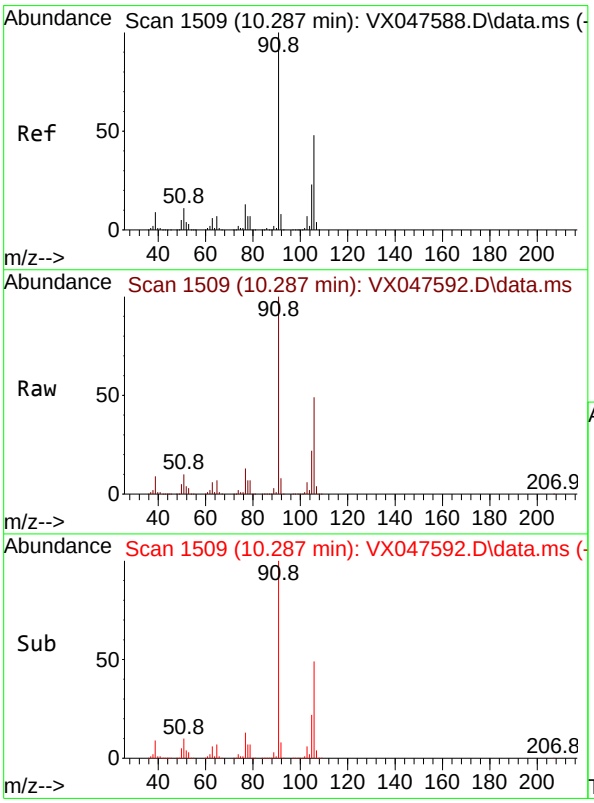
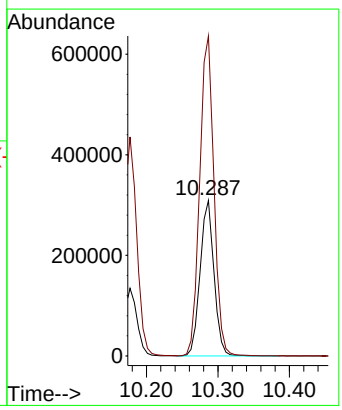
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

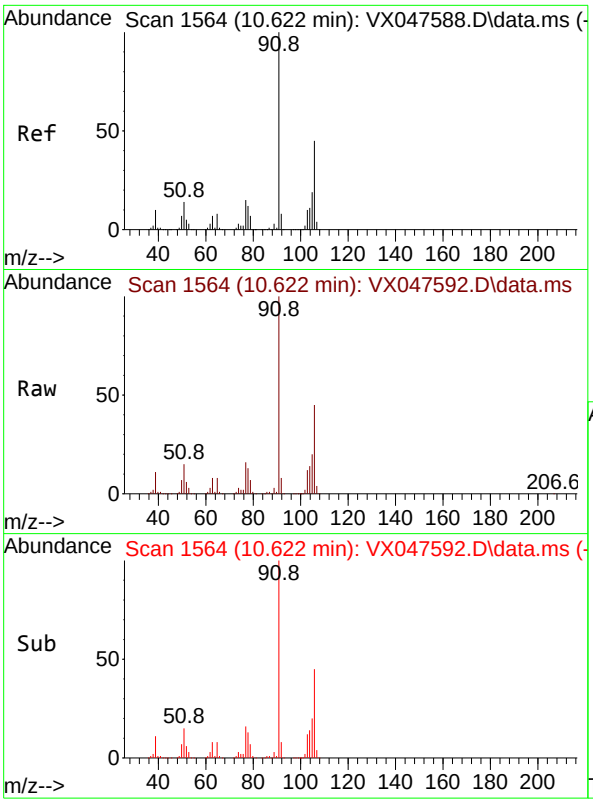


#68
m/p-Xylenes
Concen: 98.956 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 416757

Ion	Ratio	Lower	Upper
106	100		
91	211.1	167.8	251.8

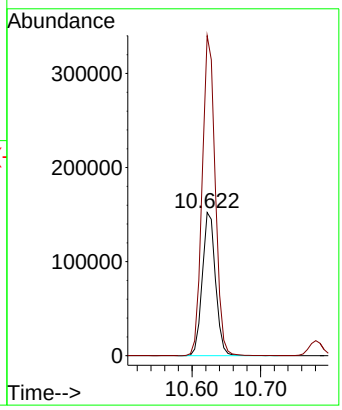




#69
o-Xylene
Concen: 50.159 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 20432

Ion	Ratio	Lower	Upper
106	100		
91	221.0	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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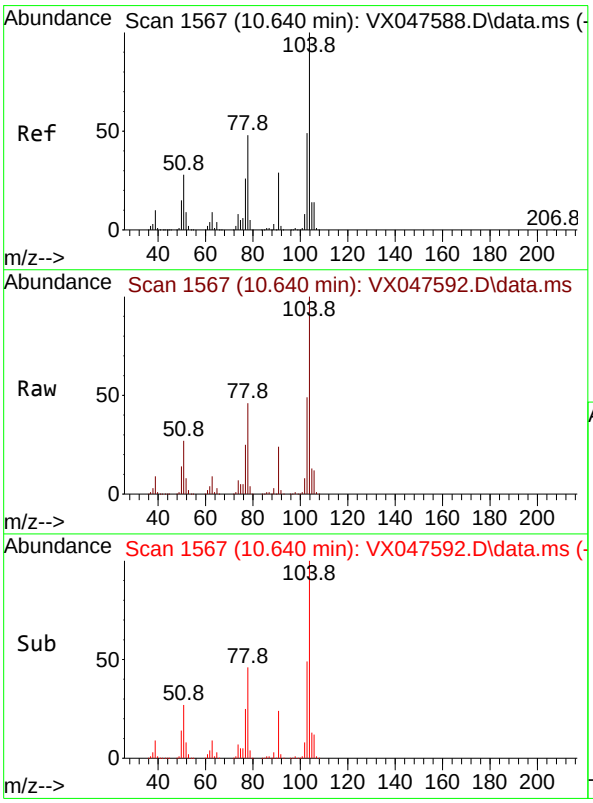
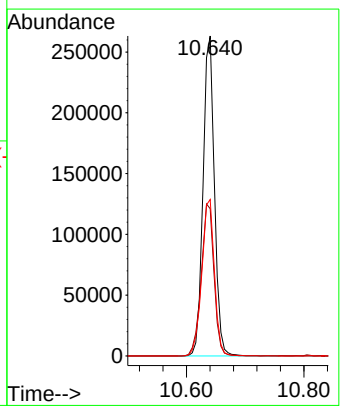
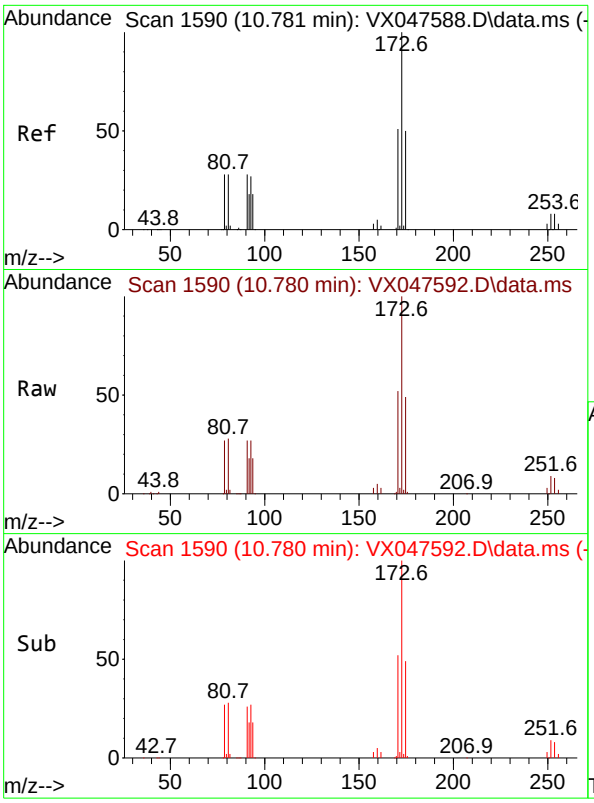


#70
Styrene
Concen: 49.536 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:104 Resp: 353567

Ion	Ratio	Lower	Upper
104	100		
78	53.4	43.1	64.7
103	54.3	43.1	64.7

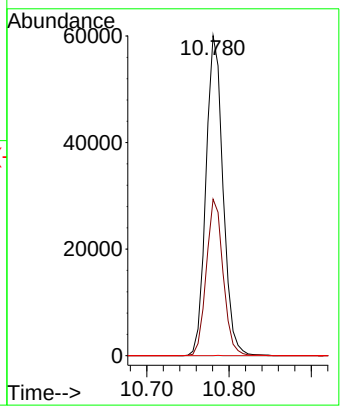




#71
Bromoform
Concen: 51.207 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:173 Resp: 8652

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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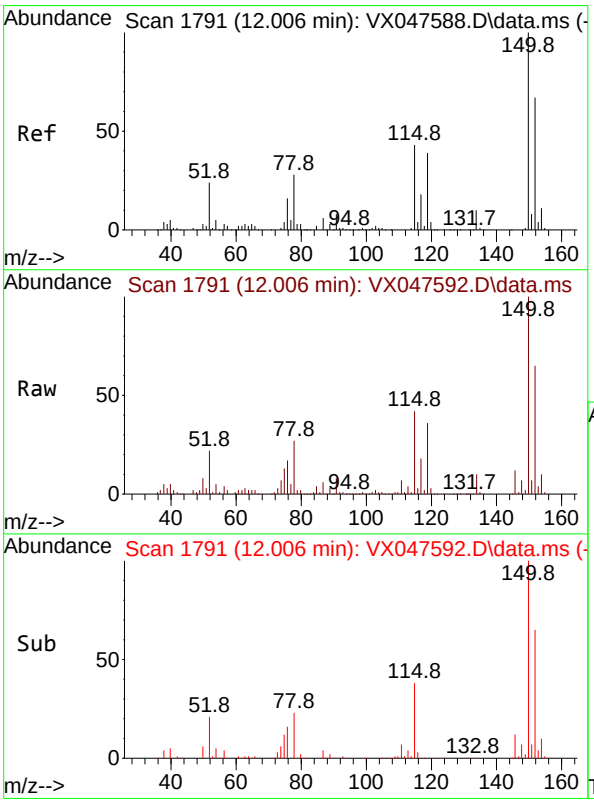
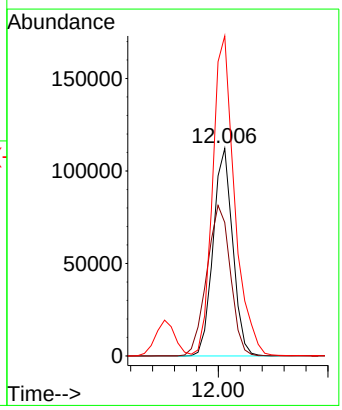
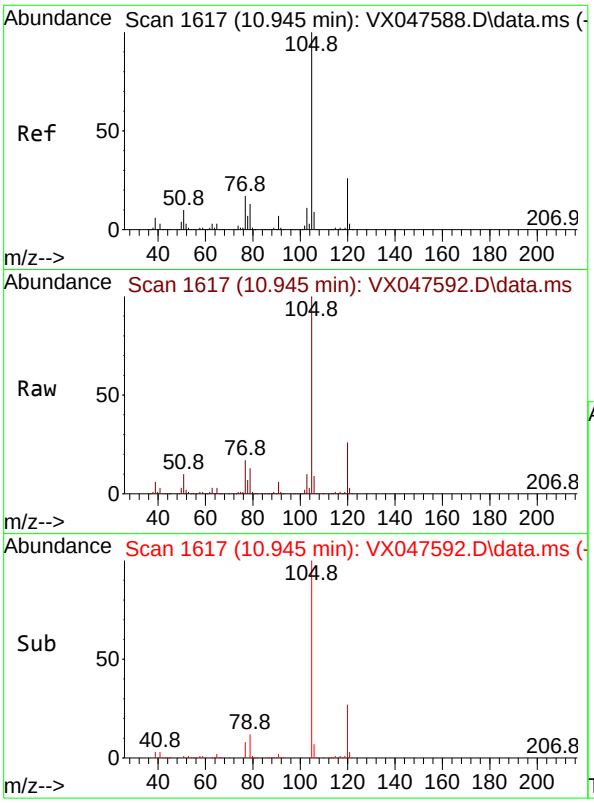


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:152 Resp: 139252

Ion	Ratio	Lower	Upper
152	100		
115	87.5	44.9	134.5
150	173.5	0.0	352.0

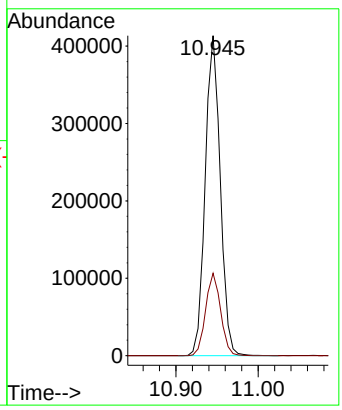




#73
Isopropylbenzene
Concen: 49.479 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 52382

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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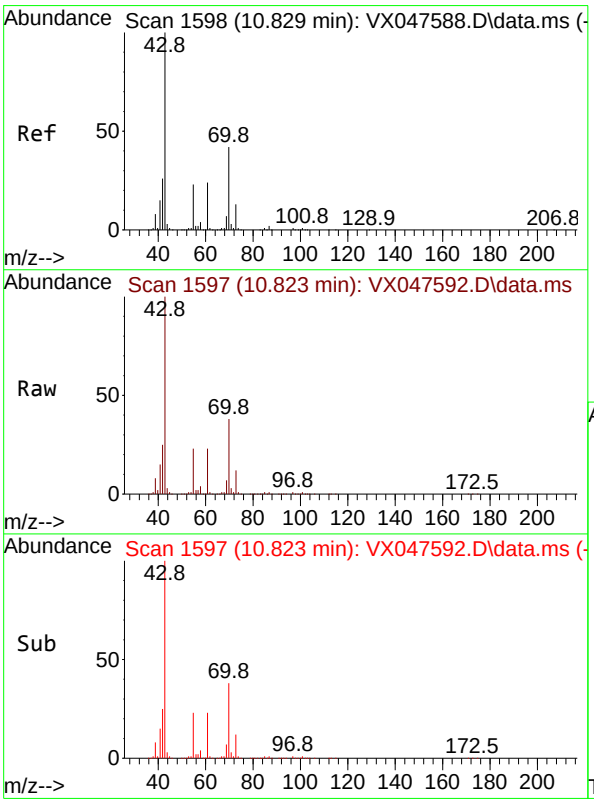
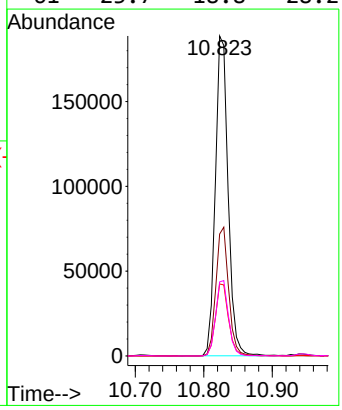
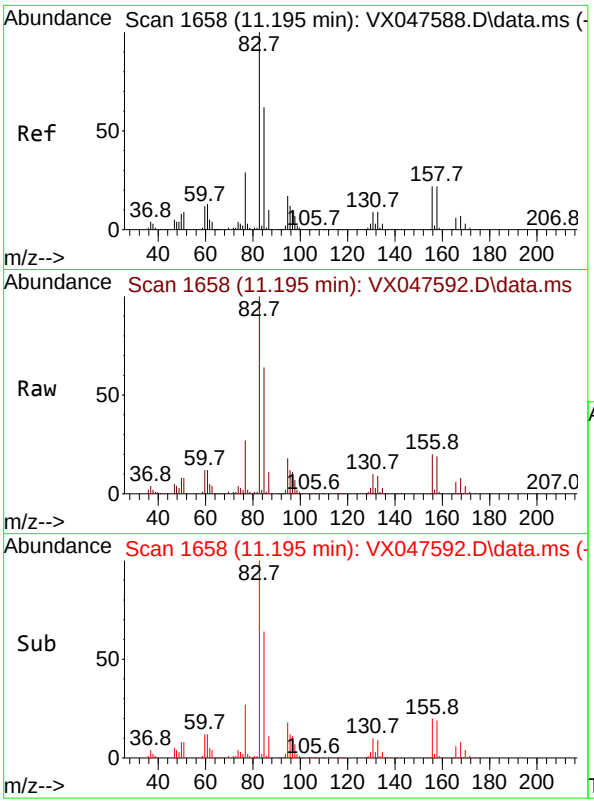


#74
N-amyl acetate
Concen: 50.375 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 243198

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.0	48.0
55	23.2	18.9	28.3
61	23.7	18.8	28.2

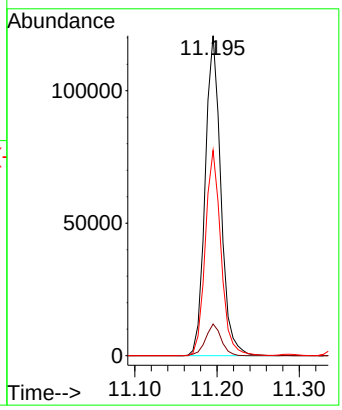




#75
1,1,2,2-Tetrachloroethane
Concen: 49.851 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 15967

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.2	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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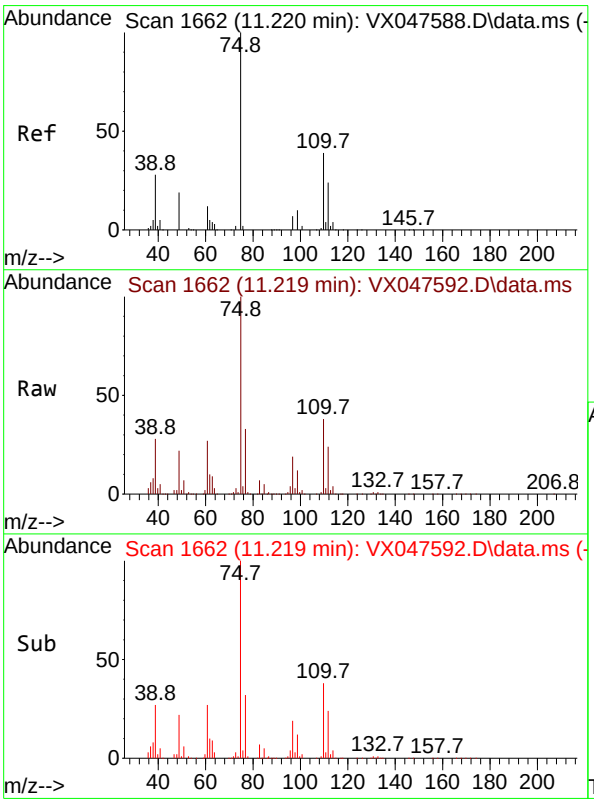
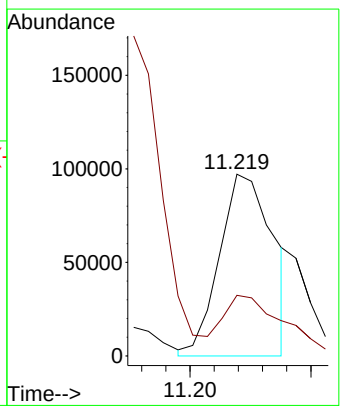
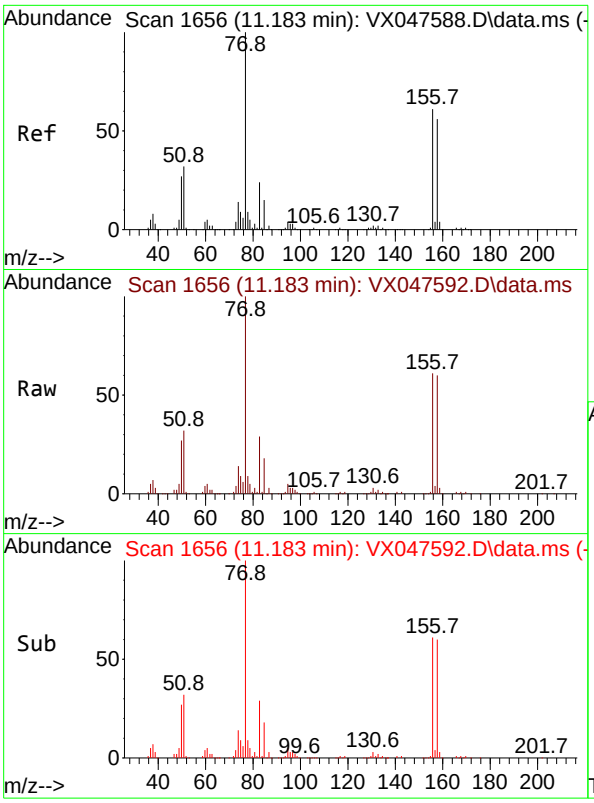


#76
1,2,3-Trichloropropane
Concen: 53.124 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 149779

Ion	Ratio	Lower	Upper
75	100		
77	38.0	18.8	56.4

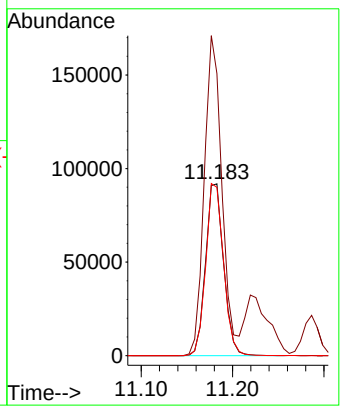




#77
Bromobenzene
Concen: 48.173 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:156 Resp: 12561

Ion	Ratio	Lower	Upper
156	100		
77	182.2	89.7	269.1
158	99.0	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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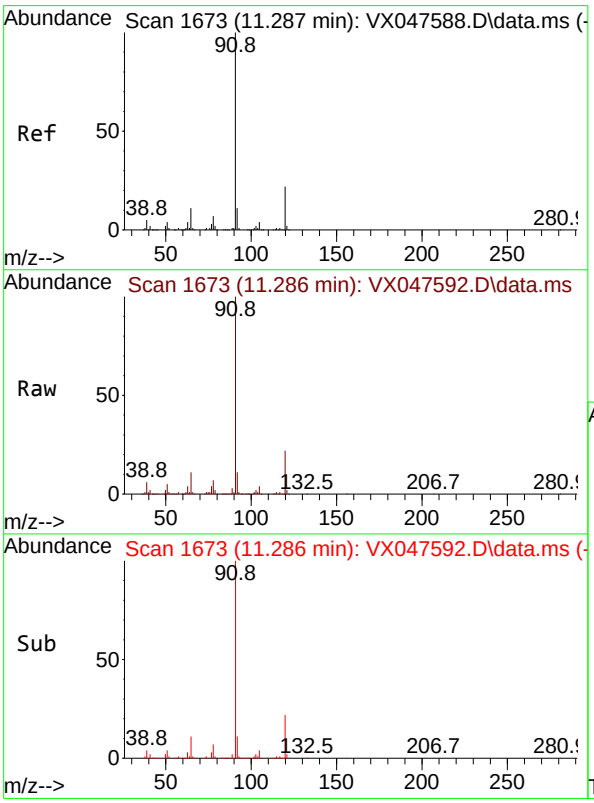
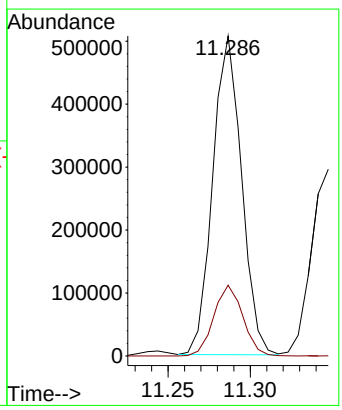
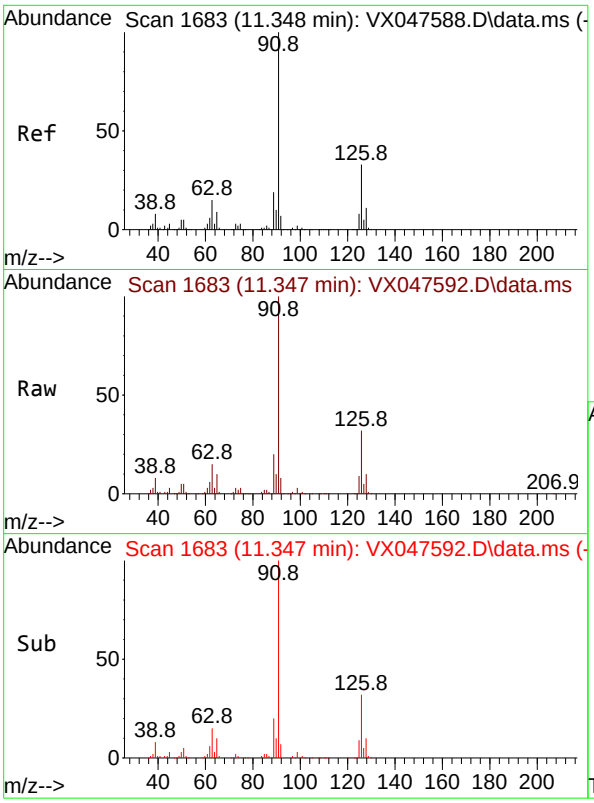


#78
n-propylbenzene
Concen: 49.295 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 616928

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

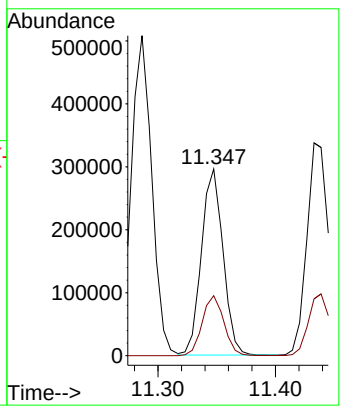




#79
2-Chlorotoluene
Concen: 49.117 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 37648

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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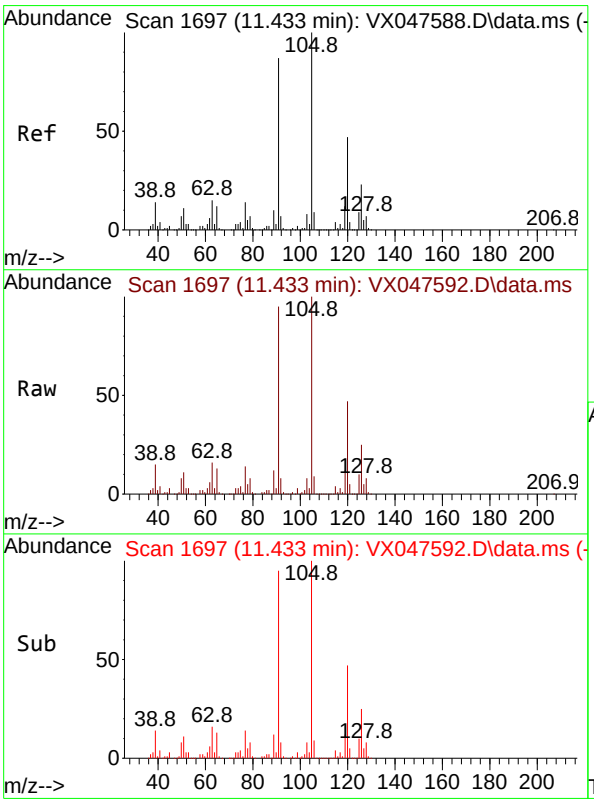
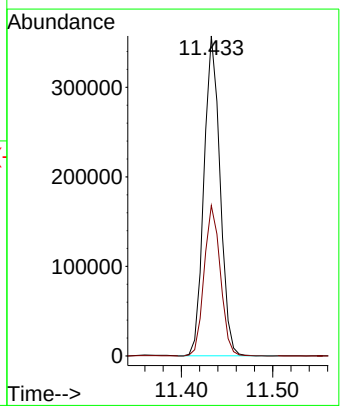
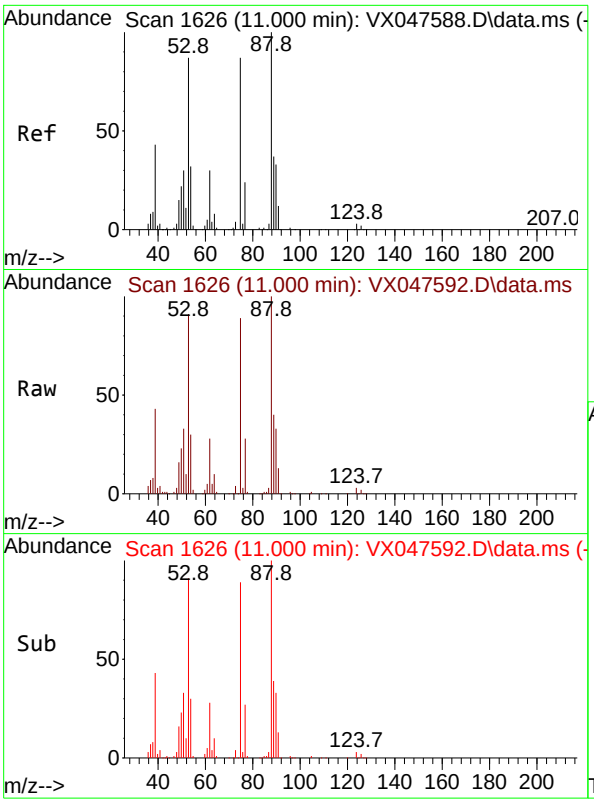


#80
1,3,5-Trimethylbenzene
Concen: 50.055 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 435375

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8

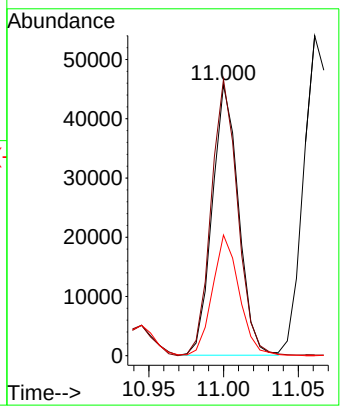




#81
trans-1,4-Dichloro-2-butene
Concen: 50.543 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 5588

Ion	Ratio	Lower	Upper
75	100		
53	103.4	83.4	125.2
89	45.4	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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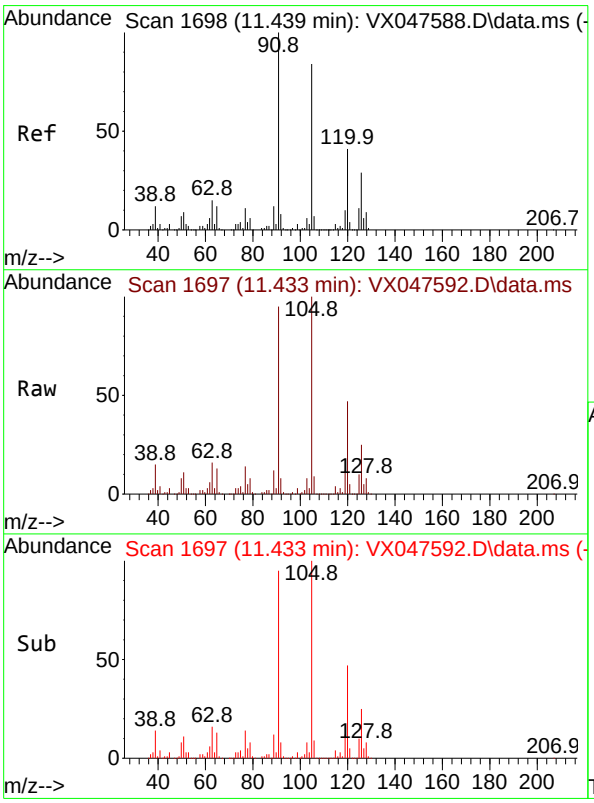
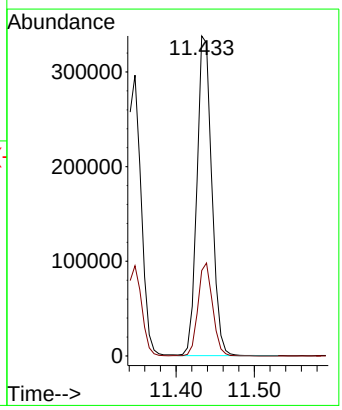
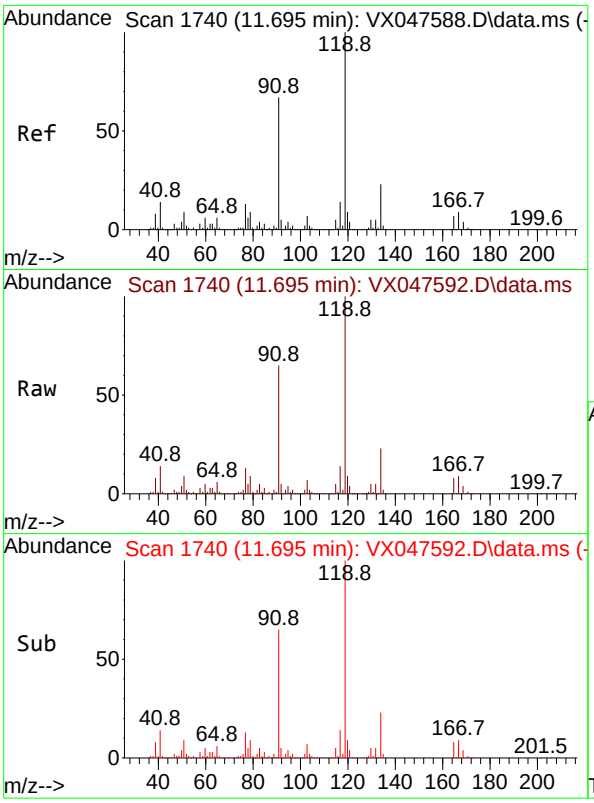


#82
4-Chlorotoluene
Concen: 49.164 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 445075

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

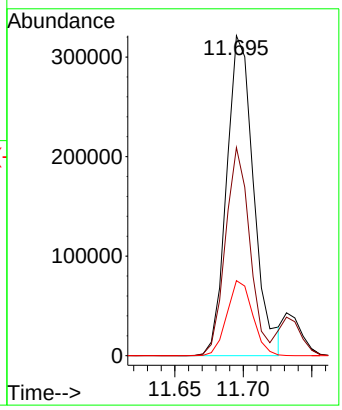




#83
tert-Butylbenzene
Concen: 49.679 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:119 Resp: 44234

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
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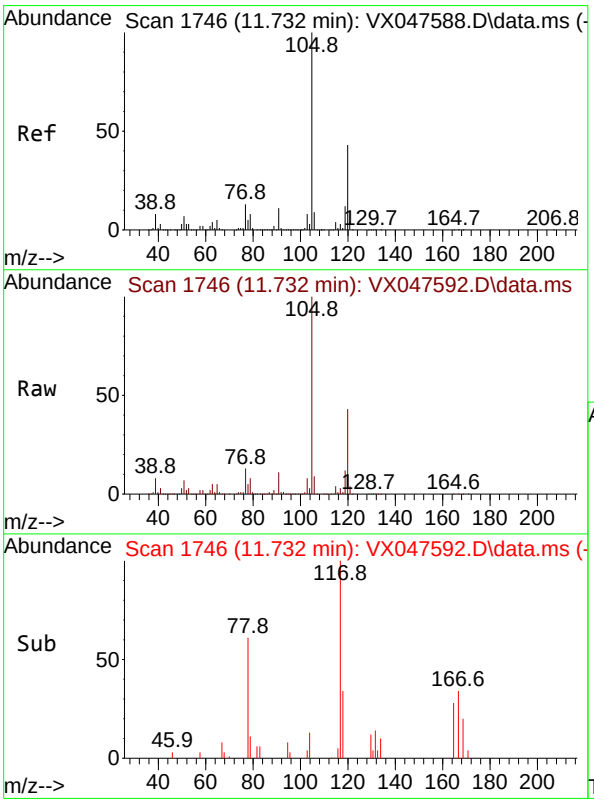
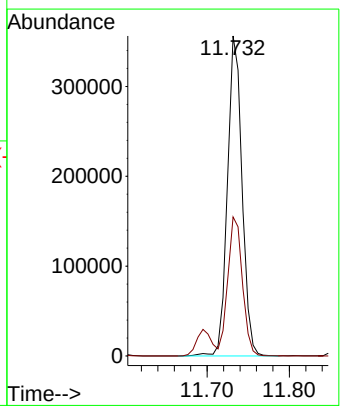
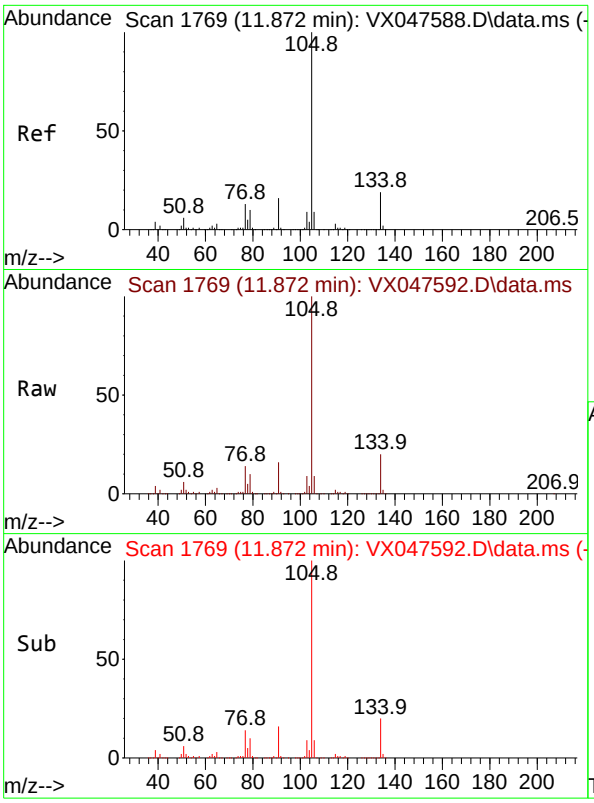


#84
1,2,4-Trimethylbenzene
Concen: 49.911 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 440134

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.1

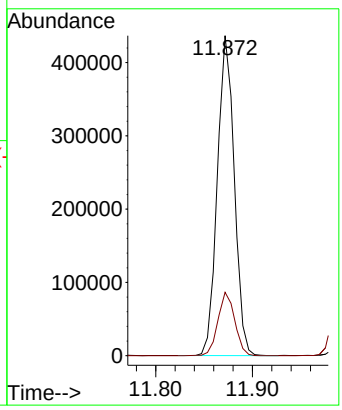




#85
sec-Butylbenzene
Concen: 50.100 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 52986

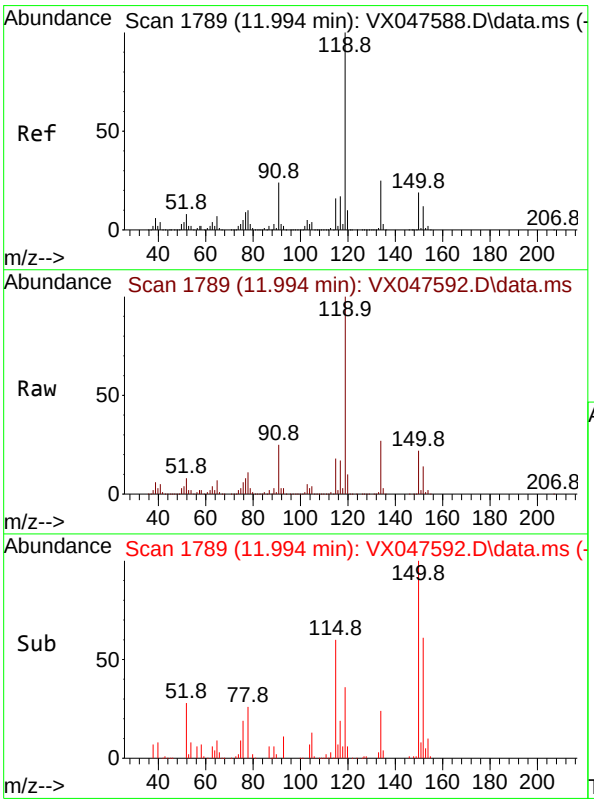
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

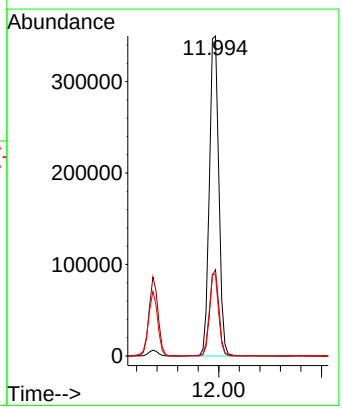
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

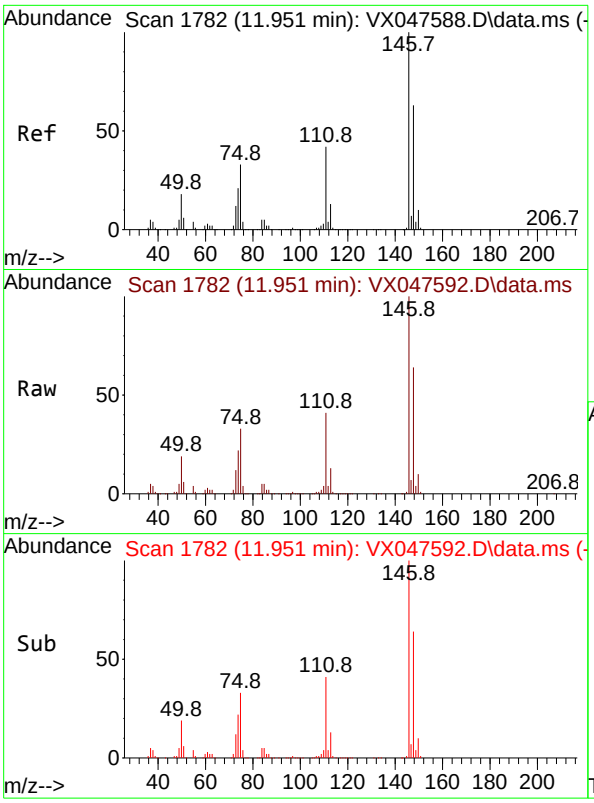


#86
p-Isopropyltoluene
Concen: 49.861 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:119 Resp: 446441

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.4	12.6	37.6

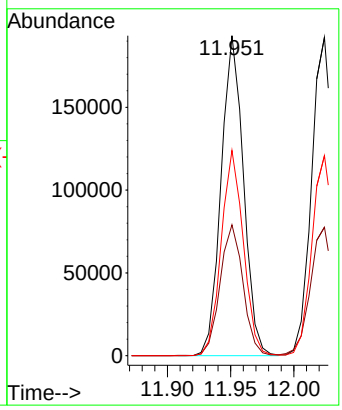




#87
1,3-Dichlorobenzene
Concen: 49.014 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 23738

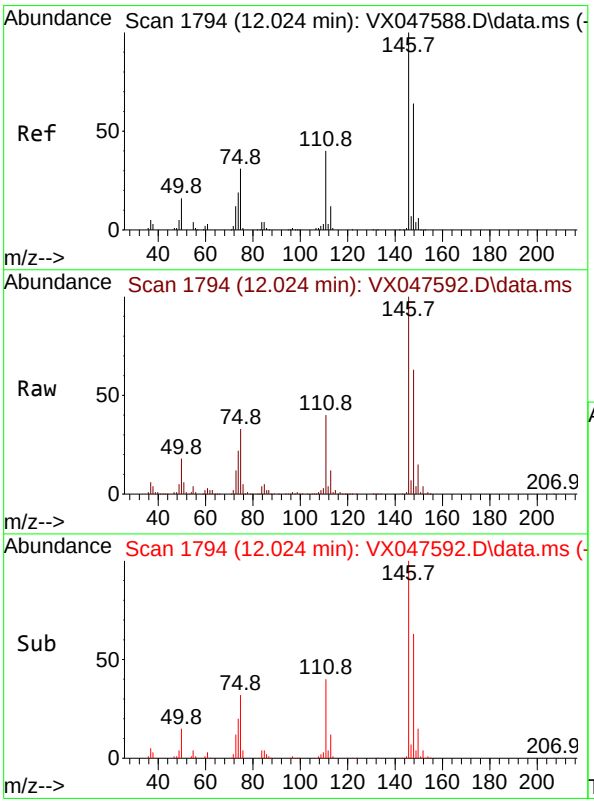
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.5	64.5
148	63.5	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

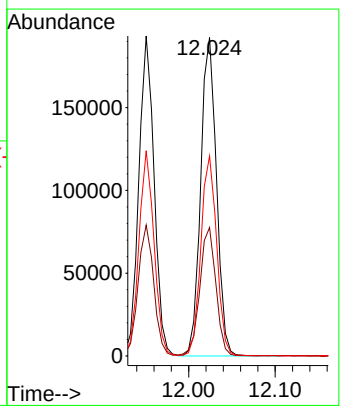
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

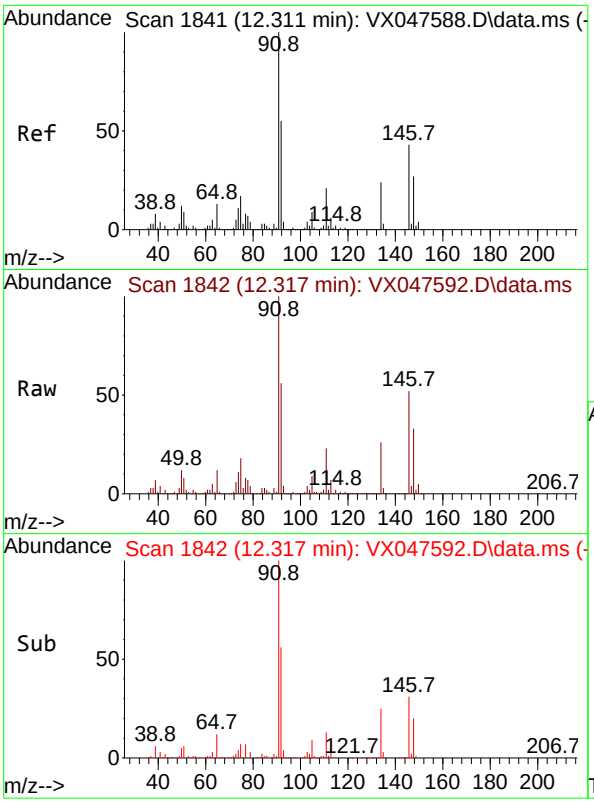


#88
1,4-Dichlorobenzene
Concen: 49.011 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 243618

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	62.7	31.7	95.1

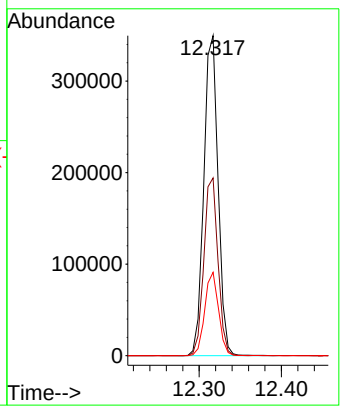




#89
n-Butylbenzene
Concen: 50.752 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 42047

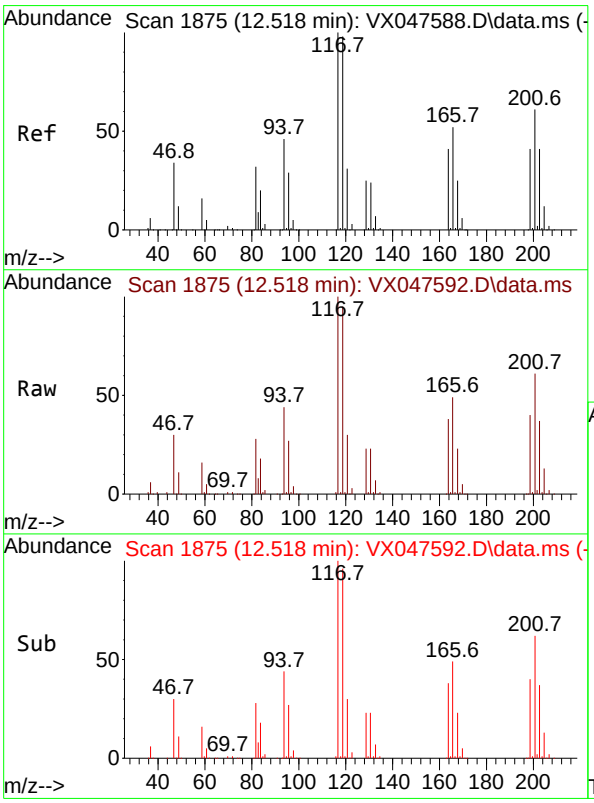
Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

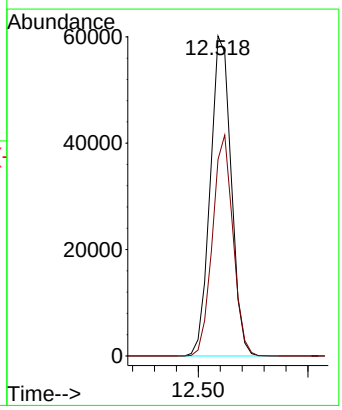
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

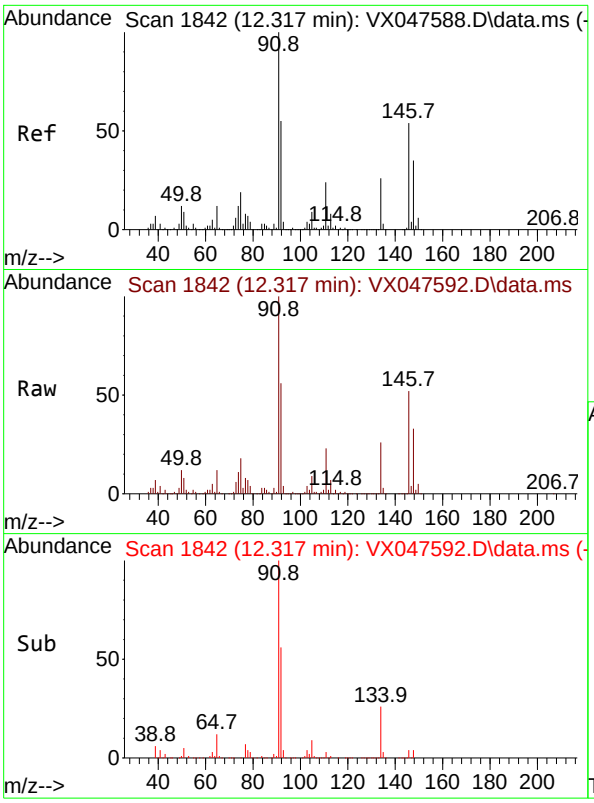


#90
Hexachloroethane
Concen: 50.732 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 79751

Ion	Ratio	Lower	Upper
117	100		
201	67.7	34.2	102.5

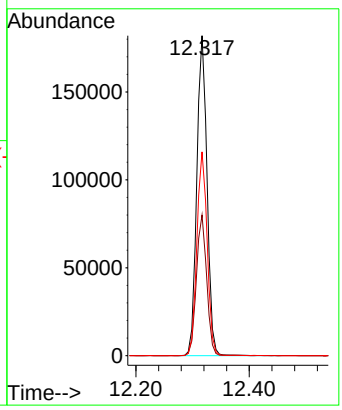




#91
1,2-Dichlorobenzene
Concen: 49.304 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:146 Resp: 22749

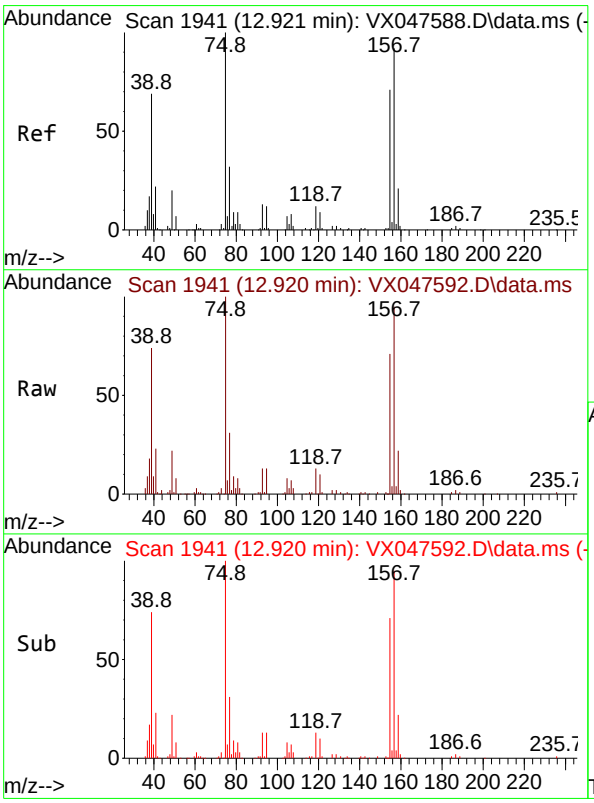
Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.2	66.6
148	64.1	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

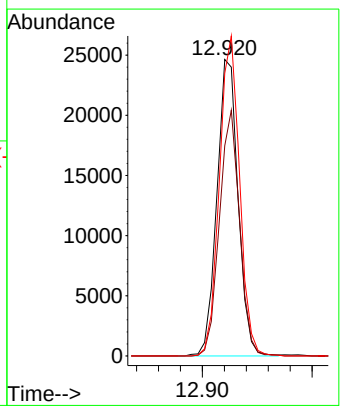
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

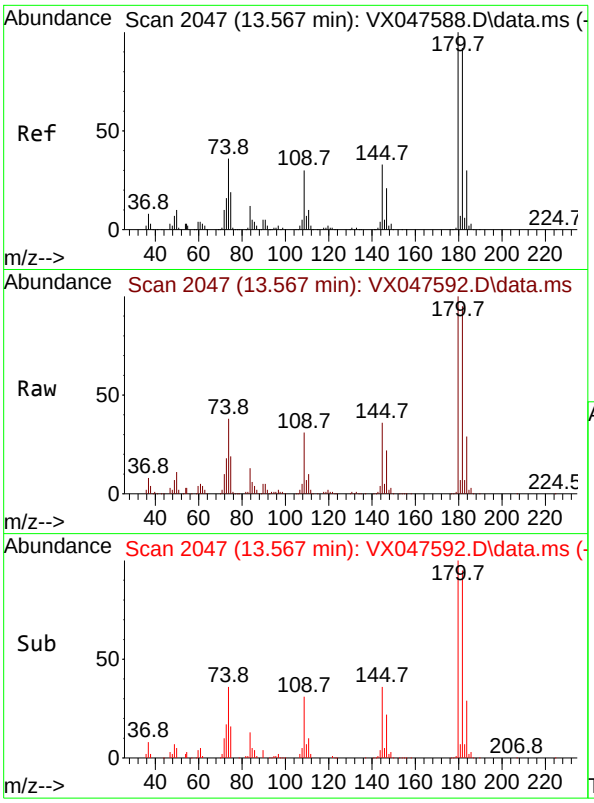


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.918 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 33020

Ion	Ratio	Lower	Upper
75	100		
155	79.1	37.7	113.1
157	103.2	49.8	149.4

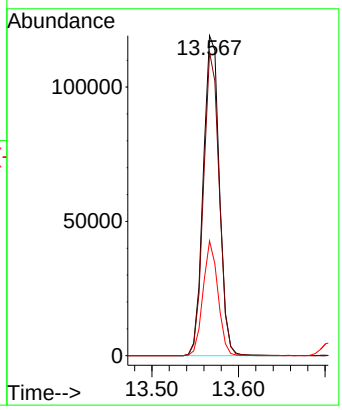




#93
1,2,4-Trichlorobenzene
Concen: 51.133 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:180 Resp: 15333

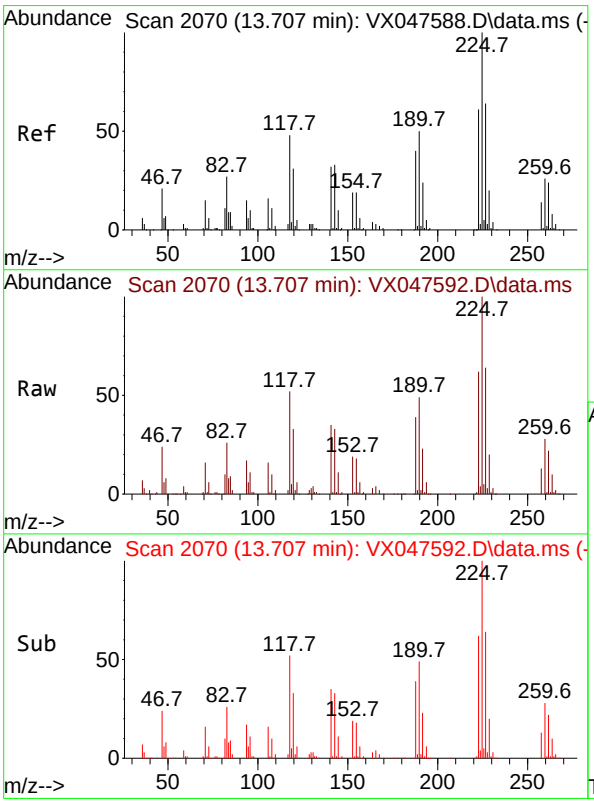
Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.8
145	33.3	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

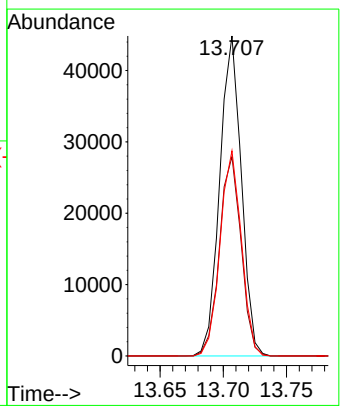
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

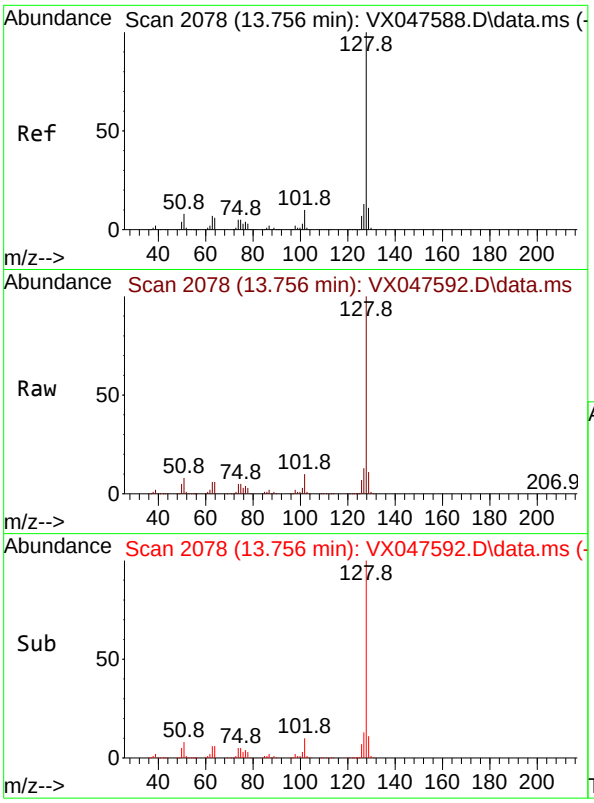


#94
Hexachlorobutadiene
Concen: 52.131 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:225 Resp: 53099

Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.7	95.1
227	63.3	32.0	96.0

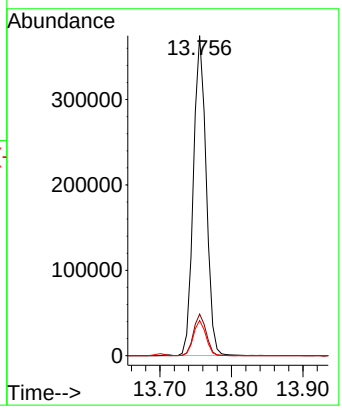




#95
Naphthalene
Concen: 50.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:128 Resp: 46420

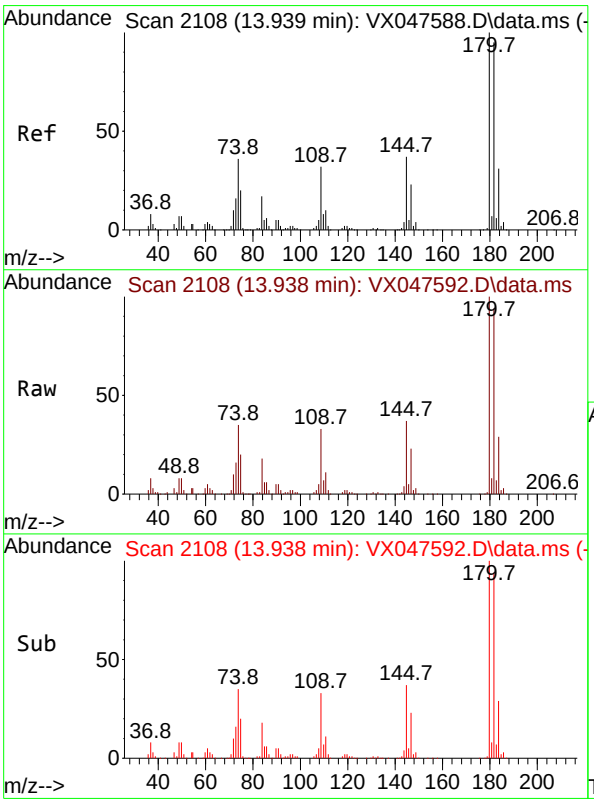
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

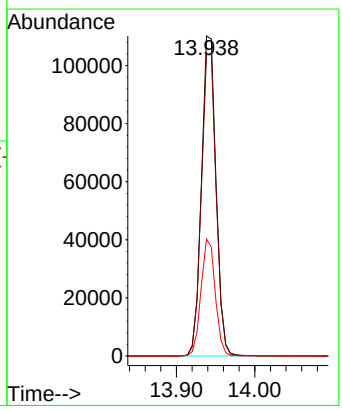
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.054 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:180 Resp: 142413

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	35.6	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	108	-0.01
2	T	Dichlorodifluoromethane	0.518	0.462	10.8	99	0.00
3	P	Chloromethane	0.680	0.595	12.5	97	0.00
4	C	Vinyl Chloride	0.666	0.610	8.4#	99	0.00
5	T	Bromomethane	0.422	0.410	2.8	104	0.00
6	T	Chloroethane	0.445	0.415	6.7	101	0.00
7	T	Trichlorofluoromethane	0.989	0.931	5.9	101	0.00
8	T	Diethyl Ether	0.405	0.378	6.7	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.561	2.9	103	0.00
10	T	Methyl Iodide	0.902	0.834	7.5	98	0.00
11	T	Tert butyl alcohol	0.089	0.091	-2.2	110	0.00
12	CM	1,1-Dichloroethene	0.594	0.559	5.9#	100	0.00
13	T	Acrolein	0.082	0.083	-1.2	110	0.00
14	T	Allyl chloride	1.226	1.146	6.5	102	0.00
15	T	Acrylonitrile	0.328	0.333	-1.5	103	0.00
16	T	Acetone	0.346	0.339	2.0	115	0.00
17	T	Carbon Disulfide	1.626	1.463	10.0	100	0.00
18	T	Methyl Acetate	0.770	0.850	-10.4	104	0.00
19	T	Methyl tert-butyl Ether	2.169	2.105	3.0	101	0.00
20	T	Methylene Chloride	0.732	0.674	7.9	99	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.597	6.7	99	0.00
22	T	Diisopropyl ether	2.376	2.289	3.7	99	-0.01
23	T	Vinyl Acetate	1.901	1.867	1.8	101	0.00
24	P	1,1-Dichloroethane	1.263	1.213	4.0	101	0.00
25	T	2-Butanone	0.432	0.438	-1.4	107	0.00
26	T	2,2-Dichloropropane	1.050	1.039	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.765	2.3	102	0.00
28	T	Bromochloromethane	0.551	0.514	6.7	96	-0.01
29	T	Tetrahydrofuran	0.260	0.263	-1.2	103	0.00
30	C	Chloroform	1.276	1.244	2.5#	101	0.00
31	T	Cyclohexane	1.052	0.968	8.0	101	0.00
32	T	1,1,1-Trichloroethane	1.082	1.060	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.725	8.9	101	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35	S	Dibromofluoromethane	0.335	0.306	8.7	100	0.00
36	T	1,1-Dichloropropene	0.490	0.457	6.7	101	0.00
37	T	Ethyl Acetate	0.525	0.517	1.5	105	-0.01
38	T	Carbon Tetrachloride	0.532	0.500	6.0	100	-0.01
39	T	Methylcyclohexane	0.556	0.541	2.7	103	0.00
40	TM	Benzene	1.488	1.410	5.2	100	0.00
41	T	Methacrylonitrile	0.271	0.274	-1.1	103	0.00
42	TM	1,2-Dichloroethane	0.566	0.531	6.2	98	0.00
43	T	Isopropyl Acetate	0.860	0.846	1.6	102	0.00
44	TM	Trichloroethene	0.360	0.346	3.9	101	0.00
45	C	1,2-Dichloropropane	0.381	0.366	3.9#	100	0.00
46	T	Dibromomethane	0.277	0.266	4.0	100	0.00
47	T	Bromodichloromethane	0.572	0.558	2.4	99	0.00
48	T	Methyl methacrylate	0.429	0.427	0.5	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	106	0.00
50	S	Toluene-d8	1.160	1.077	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.488	-2.3	103	0.00
52	CM	Toluene	0.917	0.883	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	0.584	0.578	1.0	101	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.615	1.4	102	0.00
55	T	1,1,2-Trichloroethane	0.354	0.338	4.5	99	0.00
56	T	Ethyl methacrylate	0.555	0.572	-3.1	103	0.00
57	T	1,3-Dichloropropane	0.607	0.594	2.1	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.238	-4.8	94	0.00
59	T	2-Hexanone	0.343	0.347	-1.2	104	0.00
60	T	Dibromochloromethane	0.407	0.406	0.2	101	0.00
61	T	1,2-Dibromoethane	0.360	0.355	1.4	101	0.00
62	S	4-Bromofluorobenzene	0.440	0.410	6.8	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.326	0.315	3.4	103	0.00
65	PM	Chlorobenzene	1.136	1.103	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.383	2.3	99	0.00
67	C	Ethyl Benzene	1.960	1.953	0.4#	102	0.00
68	T	m/p-Xylenes	0.729	0.722	1.0	101	0.00
69	T	o-Xylene	0.706	0.708	-0.3	101	0.00
70	T	Styrene	1.236	1.225	0.9	101	0.00
71	P	Bromoform	0.293	0.300	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73	T	Isopropylbenzene	3.801	3.762	1.0	101	0.00
74	T	N-amyl acetate	1.733	1.746	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.147	0.3	102	0.00
76	T	1,2,3-Trichloropropane	1.012	1.076	-6.3	104	0.00
77	T	Bromobenzene	0.936	0.902	3.6	100	0.00
78	T	n-propylbenzene	4.494	4.430	1.4	101	0.00
79	T	2-Chlorotoluene	2.752	2.704	1.7	101	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.127	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.401	-1.0	106	0.00
82	T	4-Chlorotoluene	3.251	3.196	1.7	101	0.00
83	T	tert-Butylbenzene	3.197	3.177	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.161	0.2	103	0.00
85	T	sec-Butylbenzene	3.797	3.805	-0.2	103	0.00
86	T	p-Isopropyltoluene	3.215	3.206	0.3	102	0.00
87	T	1,3-Dichlorobenzene	1.739	1.705	2.0	102	0.00
88	T	1,4-Dichlorobenzene	1.785	1.749	2.0	104	0.00
89	T	n-Butylbenzene	2.975	3.020	-1.5	105	0.00
90	T	Hexachloroethane	0.564	0.573	-1.6	105	0.00
91	T	1,2-Dichlorobenzene	1.657	1.634	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.237	-1.7	102	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.101	-2.2	104	0.00
94	T	Hexachlorobutadiene	0.366	0.381	-4.1	108	0.00
95	T	Naphthalene	3.279	3.334	-1.7	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.023	-2.1	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	108	-0.01
2	T	Dichlorodifluoromethane	50.000	44.592	10.8	99	0.00
3	P	Chloromethane	50.000	43.710	12.6	97	0.00
4	C	Vinyl Chloride	50.000	45.783	8.4#	99	0.00
5	T	Bromomethane	50.000	48.489	3.0	104	0.00
6	T	Chloroethane	50.000	46.575	6.8	101	0.00
7	T	Trichlorofluoromethane	50.000	47.074	5.9	101	0.00
8	T	Diethyl Ether	50.000	46.693	6.6	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.524	3.0	103	0.00
10	T	Methyl Iodide	50.000	46.210	7.6	98	0.00
11	T	Tert butyl alcohol	250.000	256.271	-2.5	110	0.00
12	CM	1,1-Dichloroethene	50.000	47.076	5.8#	100	0.00
13	T	Acrolein	250.000	254.867	-1.9	110	0.00
14	T	Allyl chloride	50.000	46.742	6.5	102	0.00
15	T	Acrylonitrile	250.000	253.567	-1.4	103	0.00
16	T	Acetone	250.000	245.006	2.0	115	0.00
17	T	Carbon Disulfide	50.000	44.966	10.1	100	0.00
18	T	Methyl Acetate	50.000	55.175	-10.3	104	0.00
19	T	Methyl tert-butyl Ether	50.000	48.538	2.9	101	0.00
20	T	Methylene Chloride	50.000	46.000	8.0	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.709	6.6	99	0.00
22	T	Diisopropyl ether	50.000	48.174	3.7	99	-0.01
23	T	Vinyl Acetate	250.000	245.539	1.8	101	0.00
24	P	1,1-Dichloroethane	50.000	48.041	3.9	101	0.00
25	T	2-Butanone	250.000	253.598	-1.4	107	0.00
26	T	2,2-Dichloropropane	50.000	49.494	1.0	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.826	2.3	102	0.00
28	T	Bromochloromethane	50.000	46.586	6.8	96	-0.01
29	T	Tetrahydrofuran	250.000	253.375	-1.4	103	0.00
30	C	Chloroform	50.000	48.739	2.5#	101	0.00
31	T	Cyclohexane	50.000	45.999	8.0	101	0.00
32	T	1,1,1-Trichloroethane	50.000	48.978	2.0	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.550	8.9	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	45.559	8.9	100	0.00
36	T	1,1-Dichloropropene	50.000	46.663	6.7	101	0.00
37	T	Ethyl Acetate	50.000	49.241	1.5	105	-0.01
38	T	Carbon Tetrachloride	50.000	46.935	6.1	100	-0.01
39	T	Methylcyclohexane	50.000	48.597	2.8	103	0.00
40	TM	Benzene	50.000	47.357	5.3	100	0.00
41	T	Methacrylonitrile	50.000	50.490	-1.0	103	0.00
42	TM	1,2-Dichloroethane	50.000	46.867	6.3	98	0.00
43	T	Isopropyl Acetate	50.000	49.136	1.7	102	0.00
44	TM	Trichloroethene	50.000	48.037	3.9	101	0.00
45	C	1,2-Dichloropropane	50.000	48.053	3.9#	100	0.00
46	T	Dibromomethane	50.000	47.976	4.0	100	0.00
47	T	Bromodichloromethane	50.000	48.769	2.5	99	0.00
48	T	Methyl methacrylate	50.000	49.757	0.5	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1089.520	-9.0	106	0.00
50	S	Toluene-d8	50.000	46.411	7.2	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.752	-2.3	103	0.00
52	CM	Toluene	50.000	48.130	3.7#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	49.527	0.9	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.257	1.5	102	0.00
55	T	1,1,2-Trichloroethane	50.000	47.772	4.5	99	0.00
56	T	Ethyl methacrylate	50.000	51.490	-3.0	103	0.00
57	T	1,3-Dichloropropane	50.000	48.894	2.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.562	9.8	94	0.00
59	T	2-Hexanone	250.000	253.126	-1.3	104	0.00
60	T	Dibromochloromethane	50.000	49.824	0.4	101	0.00
61	T	1,2-Dibromoethane	50.000	49.297	1.4	101	0.00
62	S	4-Bromofluorobenzene	50.000	46.520	7.0	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	48.296	3.4	103	0.00
65	PM	Chlorobenzene	50.000	48.549	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.794	2.4	99	0.00
67	C	Ethyl Benzene	50.000	49.813	0.4#	102	0.00
68	T	m/p-Xylenes	100.000	98.956	1.0	101	0.00
69	T	o-Xylene	50.000	50.159	-0.3	101	0.00
70	T	Styrene	50.000	49.536	0.9	101	0.00
71	P	Bromoform	50.000	51.207	-2.4	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	109	0.00
73	T	Isopropylbenzene	50.000	49.479	1.0	101	0.00
74	T	N-amyl acetate	50.000	50.375	-0.8	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.851	0.3	102	0.00
76	T	1,2,3-Trichloropropane	50.000	53.124	-6.2	104	0.00
77	T	Bromobenzene	50.000	48.173	3.7	100	0.00
78	T	n-propylbenzene	50.000	49.295	1.4	101	0.00
79	T	2-Chlorotoluene	50.000	49.117	1.8	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.055	-0.1	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.543	-1.1	106	0.00
82	T	4-Chlorotoluene	50.000	49.164	1.7	101	0.00
83	T	tert-Butylbenzene	50.000	49.679	0.6	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.911	0.2	103	0.00
85	T	sec-Butylbenzene	50.000	50.100	-0.2	103	0.00
86	T	p-Isopropyltoluene	50.000	49.861	0.3	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.014	2.0	102	0.00
88	T	1,4-Dichlorobenzene	50.000	49.011	2.0	104	0.00
89	T	n-Butylbenzene	50.000	50.752	-1.5	105	0.00
90	T	Hexachloroethane	50.000	50.732	-1.5	105	0.00
91	T	1,2-Dichlorobenzene	50.000	49.304	1.4	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.918	-1.8	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.133	-2.3	104	0.00
94	T	Hexachlorobutadiene	50.000	52.131	-4.3	108	0.00
95	T	Naphthalene	50.000	50.836	-1.7	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047592.D
Acq On : 16 Sep 2025 13:35
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Quant Time: Sep 17 06:47:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.054	-2.1	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3311

Instrument ID: MSVOA_X Calibration Date(s): 10/17/2025 10/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:45 10:36

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX048198.D RRF005 = VX048199.D RRF020 = VX048200.D
RRF050 = VX048201.D RRF100 = VX048202.D RRF150 = VX048203.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.556	0.540	0.466	0.517	0.528	0.542	0.525	6
Chloromethane	0.630	0.705	0.572	0.607	0.639	0.662	0.636	7.2
Vinyl Chloride	0.633	0.705	0.602	0.673	0.690	0.716	0.670	6.6
Bromomethane		0.512	0.411	0.434	0.452	0.418	0.445	9.1
Chloroethane	0.448	0.443	0.391	0.404	0.441	0.431	0.426	5.5
Trichlorofluoromethane	1.065	1.113	0.971	1.030	1.060	1.070	1.052	4.5
1,1,2-Trichlorotrifluoroethane	0.640	0.611	0.536	0.581	0.594	0.594	0.593	5.8
1,1-Dichloroethene	0.599	0.577	0.519	0.569	0.598	0.615	0.579	5.9
Acetone	0.284	0.287	0.259	0.251	0.254	0.251	0.264	6.3
Carbon Disulfide	1.832	1.865	1.628	1.746	1.797	1.828	1.783	4.8
Methyl tert-butyl Ether	1.496	1.702	1.642	1.779	1.885	1.968	1.745	9.8
Methyl Acetate	0.508	0.517	0.511	0.542	0.562	0.590	0.538	6.1
Methylene Chloride	0.609	0.670	0.606	0.636	0.658	0.683	0.644	5
trans-1,2-Dichloroethene	0.544	0.598	0.557	0.614	0.635	0.648	0.599	7
1,1-Dichloroethane	1.097	1.216	1.105	1.127	1.186	1.216	1.158	4.7
Cyclohexane		0.997	0.909	0.925	0.998	0.908	0.947	4.9
2-Butanone	0.275	0.312	0.291	0.314	0.323	0.331	0.308	6.8
Carbon Tetrachloride	0.652	0.593	0.507	0.575	0.540	0.499	0.561	10.3
cis-1,2-Dichloroethene	0.654	0.727	0.663	0.708	0.747	0.769	0.711	6.4
Bromochloromethane	0.452	0.569	0.442	0.563	0.574	0.602	0.534	12.9
Chloroform	1.240	1.331	1.133	1.166	1.202	1.242	1.219	5.7
1,1,1-Trichloroethane	0.972	1.076	0.958	0.969	1.053	0.981	1.002	5
Methylcyclohexane	0.524	0.560	0.504	0.576	0.577	0.565	0.551	5.5
Benzene	1.460	1.511	1.325	1.497	1.483	1.433	1.452	4.7
1,2-Dichloroethane	0.506	0.564	0.495	0.546	0.501	0.508	0.520	5.4
Trichloroethene	0.372	0.374	0.346	0.367	0.378	0.358	0.366	3.3
1,2-Dichloropropane	0.354	0.378	0.357	0.377	0.372	0.366	0.367	2.8
Bromodichloromethane	0.560	0.602	0.544	0.582	0.575	0.564	0.571	3.5
4-Methyl-2-Pentanone	0.314	0.354	0.351	0.395	0.390	0.385	0.365	8.5
Toluene	0.815	0.874	0.821	0.927	0.902	0.895	0.872	5.2

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3311

Instrument ID: MSVOA_X Calibration Date(s): 10/17/2025 10/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:45 10:36

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX048198.D RRF005 = VX048199.D RRF020 = VX048200.D
RRF050 = VX048201.D RRF100 = VX048202.D RRF150 = VX048203.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.478	0.514	0.502	0.568	0.573	0.578	0.535	8
cis-1,3-Dichloropropene	0.505	0.589	0.551	0.617	0.620	0.619	0.583	8
1,1,2-Trichloroethane	0.311	0.345	0.309	0.335	0.331	0.322	0.326	4.3
2-Hexanone	0.212	0.255	0.246	0.277	0.273	0.269	0.255	9.5
Dibromochloromethane	0.362	0.436	0.389	0.424	0.420	0.414	0.407	6.7
1,2-Dibromoethane	0.320	0.340	0.313	0.346	0.344	0.340	0.334	4.1
Tetrachloroethene	0.427	0.337	0.317	0.350	0.341	0.331	0.351	11.1
Chlorobenzene	1.099	1.113	1.015	1.125	1.113	1.095	1.093	3.6
Ethyl Benzene	1.821	1.847	1.694	1.980	1.969	1.935	1.874	5.8
m/p-Xylenes	0.657	0.687	0.653	0.741	0.733	0.719	0.698	5.5
o-Xylene	0.634	0.615	0.599	0.701	0.704	0.691	0.657	7.1
Styrene	0.986	1.066	1.070	1.233	1.232	1.202	1.131	9.2
Bromoform	0.293	0.297	0.265	0.298	0.293	0.290	0.289	4.3
Isopropylbenzene	3.234	3.333	3.211	3.696	3.722	3.670	3.478	7
1,1,2,2-Tetrachloroethane	1.040	0.945	0.930	1.015	0.991	0.989	0.985	4.2
1,3-Dichlorobenzene	1.722	1.567	1.492	1.681	1.660	1.641	1.628	5.1
1,4-Dichlorobenzene	1.892	1.678	1.520	1.718	1.663	1.652	1.687	7.1
1,2-Dichlorobenzene	1.591	1.492	1.397	1.603	1.568	1.574	1.538	5.1
1,2-Dibromo-3-Chloropropane	0.198	0.162	0.164	0.168	0.192	0.196	0.180	9.5
1,2,4-Trichlorobenzene	0.939	0.796	0.799	0.937	0.977	0.998	0.908	9.7
1,2,3-Trichlorobenzene	0.775	0.758	0.736	0.914	0.912	0.930	0.838	10.7
1,2-Dichloroethane-d4		0.862	0.746	0.732	0.756	0.778	0.775	6.6
Dibromofluoromethane		0.373	0.341	0.342	0.347	0.332	0.347	4.5
Toluene-d8		1.311	1.188	1.262	1.224	1.265	1.250	3.7
4-Bromofluorobenzene		0.482	0.429	0.450	0.445	0.470	0.455	4.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Response Factor Report MSVOA_X2

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X101725W.M
Title : SW846 8260
Last Update : Sat Oct 18 00:06:31 2025
Response Via : Initial Calibration

Calibration Files
1 =VX048198.D 5 =VX048199.D 20 =VX048200.D 50 =VX048201.D 100 =VX048202.D 150 =VX048203.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.556	0.540	0.466	0.517	0.528	0.542	0.525	6.02
3)	P	Chloromethane	0.630	0.705	0.572	0.607	0.639	0.662	0.636	7.19
4)	C	Vinyl Chloride	0.633	0.705	0.602	0.673	0.690	0.716	0.670	6.59#
5)	T	Bromomethane		0.512	0.411	0.434	0.452	0.418	0.445	9.12
6)	T	Chloroethane	0.448	0.443	0.391	0.404	0.441	0.431	0.426	5.47
7)	T	Trichlorofluor...	1.065	1.113	0.971	1.030	1.060	1.070	1.052	4.52
8)	T	Diethyl Ether	0.370	0.360	0.324	0.348	0.374	0.375	0.359	5.44
9)	T	1,1,2-Trichlor...	0.640	0.611	0.536	0.581	0.594	0.594	0.593	5.81
10)	T	Methyl Iodide		0.570	0.588	0.744	0.812	0.835	0.710	17.51
11)	T	Tert butyl alc...		0.057	0.043	0.049	0.053	0.055	0.051	11.29
12)	CM	1,1-Dichloroet...	0.599	0.577	0.519	0.569	0.598	0.615	0.579	5.89#
13)	T	Acrolein		0.119	0.099	0.100	0.108	0.114	0.108	8.19
14)	T	Allyl chloride	1.031	1.049	0.943	1.016	1.088	1.126	1.042	6.03
15)	T	Acrylonitrile	0.184	0.246	0.239	0.257	0.272	0.280	0.246	14.01
16)	T	Acetone	0.284	0.287	0.259	0.251	0.254	0.251	0.264	6.33
17)	T	Carbon Disulfide	1.832	1.865	1.628	1.745	1.797	1.828	1.783	4.82
18)	T	Methyl Acetate	0.508	0.517	0.511	0.542	0.562	0.590	0.538	6.11
19)	T	Methyl tert-bu...	1.496	1.702	1.642	1.779	1.885	1.968	1.745	9.75
20)	T	Methylene Chlo...	0.609	0.670	0.606	0.636	0.658	0.683	0.644	4.95
21)	T	trans-1,2-Dich...	0.544	0.598	0.557	0.614	0.635	0.648	0.599	6.96
22)	T	Diisopropyl ether	1.820	2.037	1.933	2.061	2.170	2.223	2.041	7.28
23)	T	Vinyl Acetate	1.218	1.448	1.462	1.594	1.687	1.747	1.526	12.60
24)	P	1,1-Dichloroet...	1.097	1.216	1.105	1.127	1.186	1.216	1.158	4.73
25)	T	2-Butanone	0.275	0.312	0.291	0.314	0.323	0.331	0.308	6.79
26)	T	2,2-Dichloropr...	1.031	1.021	0.893	0.950	0.998	1.045	0.990	5.86
27)	T	cis-1,2-Dichlo...	0.654	0.727	0.663	0.708	0.747	0.769	0.711	6.42
28)	T	Bromochloromet...	0.452	0.569	0.442	0.563	0.574	0.602	0.534	12.90
29)	T	Tetrahydrofuran	0.155	0.178	0.169	0.185	0.196	0.202	0.181	9.48
30)	C	Chloroform	1.240	1.331	1.133	1.166	1.202	1.242	1.219	5.67#
31)	T	Cyclohexane		0.997	0.909	0.925	0.998	0.908	0.947	4.85
32)	T	1,1,1-Trichlor...	0.972	1.076	0.958	0.969	1.053	0.981	1.002	5.00
33)	S	1,2-Dichloroet...		0.862	0.746	0.732	0.756	0.778	0.775	6.65
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.373	0.341	0.342	0.347	0.332	0.347	4.49
36)	T	1,1-Dichloropr...	0.575	0.511	0.425	0.503	0.484	0.435	0.489	11.29
37)	T	Ethyl Acetate	0.379	0.358	0.372	0.405	0.414	0.417	0.391	6.26
38)	T	Carbon Tetrach...	0.652	0.593	0.507	0.575	0.540	0.499	0.561	10.29
39)	T	Methylcyclohexane	0.524	0.560	0.504	0.576	0.577	0.565	0.551	5.49
40)	TM	Benzene	1.460	1.511	1.325	1.497	1.483	1.433	1.452	4.67
41)	T	Methacrylonitrile	0.174	0.201	0.202	0.228	0.223	0.227	0.209	10.21
42)	TM	1,2-Dichloroet...	0.506	0.564	0.495	0.546	0.501	0.508	0.520	5.41
43)	T	Isopropyl Acetate	0.589	0.627	0.615	0.697	0.702	0.705	0.656	7.87
44)	TM	Trichloroethene	0.372	0.374	0.346	0.367	0.378	0.358	0.366	3.27
45)	C	1,2-Dichloropr...	0.354	0.378	0.357	0.377	0.372	0.366	0.367	2.76#
46)	T	Dibromomethane	0.274	0.275	0.244	0.268	0.265	0.260	0.264	4.37
47)	T	Bromodichlorom...	0.560	0.602	0.544	0.582	0.575	0.564	0.571	3.48
48)	T	Methyl methacr...	0.297	0.320	0.318	0.358	0.359	0.364	0.336	8.28
49)	T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	12.92
50)	S	Toluene-d8		1.311	1.188	1.262	1.224	1.265	1.250	3.72
51)	T	4-Methyl-2-Pen...	0.314	0.354	0.351	0.395	0.390	0.385	0.365	8.51
52)	CM	Toluene	0.815	0.874	0.821	0.927	0.902	0.895	0.872	5.18#
53)	T	t-1,3-Dichloro...	0.478	0.514	0.502	0.568	0.573	0.578	0.535	7.99
54)	T	cis-1,3-Dichlo...	0.505	0.589	0.551	0.617	0.620	0.619	0.583	8.02
55)	T	1,1,2-Trichlor...	0.311	0.345	0.309	0.335	0.331	0.322	0.326	4.27
56)	T	Ethyl methacry...	0.320	0.410	0.420	0.494	0.502	0.511	0.443	16.76

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X101725W.M

57)	T	1,3-Dichloropr...	0.540	0.595	0.540	0.589	0.577	0.572	0.569	4.20
58)	T	2-Chloroethyl ...	0.137	0.188	0.212	0.258	0.285	0.284	0.227	26.00
59)	T	2-Hexanone	0.212	0.255	0.246	0.277	0.273	0.269	0.255	9.47
60)	T	Dibromochlorom...	0.362	0.436	0.389	0.424	0.420	0.414	0.407	6.70
61)	T	1,2-Dibromoethane	0.320	0.340	0.313	0.346	0.344	0.340	0.334	4.12
62)	S	4-Bromofluorob...		0.482	0.429	0.450	0.445	0.470	0.455	4.60
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.427	0.337	0.317	0.350	0.341	0.331	0.351	11.08
65)	PM	Chlorobenzene	1.099	1.113	1.015	1.125	1.113	1.095	1.093	3.65
66)	T	1,1,1,2-Tetrac...	0.447	0.391	0.352	0.394	0.395	0.385	0.394	7.72
67)	C	Ethyl Benzene	1.821	1.847	1.694	1.980	1.969	1.935	1.874	5.83#
68)	T	m/p-Xylenes	0.657	0.687	0.653	0.741	0.733	0.719	0.698	5.48
69)	T	o-Xylene	0.634	0.615	0.599	0.701	0.704	0.691	0.657	7.11
70)	T	Styrene	0.986	1.066	1.070	1.233	1.232	1.202	1.131	9.24
71)	P	Bromoform	0.293	0.297	0.265	0.298	0.293	0.290	0.289	4.33
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.234	3.333	3.211	3.696	3.722	3.670	3.478	6.99
74)	T	N-amyl acetate	1.125	1.161	1.185	1.388	1.456	1.469	1.297	12.15
75)	P	1,1,2,2-Tetrac...	1.040	0.945	0.930	1.015	0.991	0.989	0.985	4.19
76)	T	1,2,3-Trichlor...	0.798	0.716	0.696	0.801	0.787	0.783	0.764	5.97
77)	T	Bromobenzene	0.889	0.844	0.802	0.894	0.896	0.896	0.870	4.48
78)	T	n-propylbenzene	4.098	3.998	3.921	4.451	4.460	4.375	4.217	5.70
79)	T	2-Chlorotoluene	2.547	2.536	2.406	2.602	2.615	2.580	2.548	2.97
80)	T	1,3,5-Trimethy...	2.583	2.731	2.692	3.032	3.077	3.014	2.855	7.37
81)	T	trans-1,4-Dich...		0.243	0.280	0.330	0.349	0.357	0.312	15.71
82)	T	4-Chlorotoluene	2.847	2.922	2.819	3.138	3.133	3.108	2.994	4.96
83)	T	tert-Butylbenzene	2.865	2.743	2.613	2.963	3.066	3.054	2.884	6.24
84)	T	1,2,4-Trimethy...	2.561	2.665	2.695	3.055	3.078	3.002	2.842	8.00
85)	T	sec-Butylbenzene	3.521	3.368	3.253	3.625	3.707	3.679	3.526	5.16
86)	T	p-Isopropyltol...	2.790	2.945	2.738	3.153	3.128	3.078	2.972	5.96
87)	T	1,3-Dichlorobe...	1.722	1.567	1.492	1.681	1.660	1.641	1.628	5.15
88)	T	1,4-Dichlorobe...	1.892	1.678	1.520	1.718	1.663	1.652	1.687	7.14
89)	T	n-Butylbenzene	2.813	2.607	2.456	2.919	2.914	2.900	2.768	6.99
90)	T	Hexachloroethane	0.734	0.615	0.557	0.625	0.615	0.618	0.627	9.25
91)	T	1,2-Dichlorobe...	1.591	1.492	1.397	1.603	1.568	1.574	1.538	5.14
92)	T	1,2-Dibromo-3-...	0.198	0.162	0.164	0.168	0.192	0.196	0.180	9.52
93)	T	1,2,4-Trichlor...	0.939	0.796	0.799	0.937	0.977	0.998	0.908	9.72
94)	T	Hexachlorobuta...	0.465	0.310	0.294	0.346	0.337	0.349	0.350	17.26
95)	T	Naphthalene	1.960	1.863	2.159	2.641	2.824	2.910	2.393	19.04
96)	T	1,2,3-Trichlor...	0.775	0.758	0.736	0.914	0.912	0.930	0.838	10.75

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048198.D
Acq On : 17 Oct 2025 08:45
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 23:49:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone
10/20/2025
Supervised By :Mahesh Dadoda
10/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	171106	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	292010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	244053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	113449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount 50.000	Range 78 - 117		Recovery =	0.000%#		
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount 50.000	Range 75 - 124		Recovery =	0.000%#		
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount 50.000	Range 92 - 112		Recovery =	0.000%#		
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount 50.000	Range 83 - 123		Recovery =	0.000%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	1902	1.059	ug/l	85
3) Chloromethane	1.301	50	2156	0.991	ug/l	100
4) Vinyl Chloride	1.380	62	2166	0.945	ug/l	97
6) Chloroethane	1.697	64	1533	1.051	ug/l #	88
7) Trichlorofluoromethane	1.898	101	3645	1.013	ug/l	93
8) Diethyl Ether	2.136	74	1265	1.031	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	2189	1.080	ug/l	95
12) 1,1-Dichloroethene	2.325	96	2050	1.034	ug/l	96
14) Allyl chloride	2.666	41	3528	0.989	ug/l	98
15) Acrylonitrile	3.062	53	3141	3.727	ug/l #	84
16) Acetone	2.374	43	4860	5.375	ug/l #	88
17) Carbon Disulfide	2.514	76	6269	1.028	ug/l	98
18) Methyl Acetate	2.697	43	1737	0.943	ug/l #	89
19) Methyl tert-butyl Ether	3.105	73	5118	0.857	ug/l	96
20) Methylene Chloride	2.788	84	2083	0.946	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	1862	0.908	ug/l	94
22) Diisopropyl ether	3.745	45	6229	0.892	ug/l	93
23) Vinyl Acetate	3.715	43	20834	3.990	ug/l	95
24) 1,1-Dichloroethane	3.599	63	3755	0.948	ug/l #	91
25) 2-Butanone	4.550	43	4709	4.470	ug/l	95
26) 2,2-Dichloropropane	4.465	77	3528	1.042	ug/l	90
27) cis-1,2-Dichloroethene	4.483	96	2239m	0.920	ug/l	
28) Bromochloromethane	4.891	49	1546	0.847	ug/l #	94
29) Tetrahydrofuran	5.007	42	2657	4.295	ug/l #	54
30) Chloroform	5.074	83	4243	1.017	ug/l #	78
32) 1,1,1-Trichloroethane	5.367	97	3326	0.970	ug/l #	47
36) 1,1-Dichloropropene	5.672	75	3360	1.177	ug/l	94
37) Ethyl Acetate	4.715	43	2212m	0.969	ug/l	
38) Carbon Tetrachloride	5.666	117	3807	1.162	ug/l	84
39) Methylcyclohexane	7.367	83	3061	0.951	ug/l	88
40) Benzene	6.019	78	8528	1.006	ug/l #	88
41) Methacrylonitrile	4.904	41	1015	0.831	ug/l #	60
42) 1,2-Dichloroethane	6.074	62	2953	0.972	ug/l	86
43) Isopropyl Acetate	6.318	43	3437	0.897	ug/l #	81
44) Trichloroethene	7.111	130	2174	1.018	ug/l	96
45) 1,2-Dichloropropane	7.415	63	2066	0.963	ug/l	96

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048198.D
Acq On : 17 Oct 2025 08:45
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 23:49:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone
10/20/2025
Supervised By :Mahesh Dadoda
10/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.562	93	1600	1.036	ug/l		89
47) Bromodichloromethane	7.806	83	3270	0.980	ug/l	#	98
48) Methyl methacrylate	7.696	41	1734	0.884	ug/l		87
49) 1,4-Dioxane	7.665	88	265	15.015	ug/l	#	38
51) 4-Methyl-2-Pentanone	8.555	43	9171	4.303	ug/l		94
52) Toluene	8.696	92	4761	0.934	ug/l		99
53) t-1,3-Dichloropropene	8.970	75	2791	0.893	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	2948	0.865	ug/l	#	84
55) 1,1,2-Trichloroethane	9.128	97	1817	0.956	ug/l	#	79
56) Ethyl methacrylate	9.098	69	1866	0.722	ug/l	#	73
57) 1,3-Dichloropropane	9.293	76	3153	0.949	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	4001	16.697	ug/l		98
59) 2-Hexanone	9.415	43	6190	4.152	ug/l		92
60) Dibromochloromethane	9.506	129	2113	0.888	ug/l		88
61) 1,2-Dibromoethane	9.598	107	1870	0.959	ug/l		99
64) Tetrachloroethene	9.256	164	2082	1.217	ug/l	#	81
65) Chlorobenzene	10.061	112	5363	1.005	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	2180	1.134	ug/l	#	64
67) Ethyl Benzene	10.177	91	8889	0.972	ug/l		99
68) m/p-Xylenes	10.287	106	6418	1.883	ug/l		100
69) o-Xylene	10.622	106	3094	0.964	ug/l		100
70) Styrene	10.640	104	4811	0.871	ug/l		97
71) Bromoform	10.781	173	1432	1.014	ug/l	#	98
73) Isopropylbenzene	10.945	105	7339	0.930	ug/l		99
74) N-amyl acetate	10.829	43	2552	0.867	ug/l	#	93
75) 1,1,2,2-Tetrachloroethane	11.189	83	2360	1.056	ug/l		95
76) 1,2,3-Trichloropropane	11.220	75	1810m	1.045	ug/l		
77) Bromobenzene	11.183	156	2018	1.022	ug/l		96
78) n-propylbenzene	11.287	91	9298	0.972	ug/l		97
79) 2-Chlorotoluene	11.348	91	5779	1.000	ug/l		98
80) 1,3,5-Trimethylbenzene	11.433	105	5860	0.905	ug/l		96
82) 4-Chlorotoluene	11.439	91	6460	0.951	ug/l		99
83) tert-Butylbenzene	11.695	119	6501	0.993	ug/l		95
84) 1,2,4-Trimethylbenzene	11.732	105	5810	0.901	ug/l		99
85) sec-Butylbenzene	11.872	105	7990	0.999	ug/l		94
86) p-Isopropyltoluene	11.988	119	6330	0.939	ug/l		92
87) 1,3-Dichlorobenzene	11.951	146	3908	1.058	ug/l		99
88) 1,4-Dichlorobenzene	12.018	146	4292m	1.121	ug/l		
89) n-Butylbenzene	12.317	91	6382	1.016	ug/l		97
90) Hexachloroethane	12.518	117	1666	1.171	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	3611	1.035	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.927	75	450	1.102	ug/l		87
93) 1,2,4-Trichlorobenzene	13.573	180	2130	1.034	ug/l		97
94) Hexachlorobutadiene	13.707	225	1056	1.329	ug/l		86
95) Naphthalene	13.756	128	4447	0.819	ug/l	#	93
96) 1,2,3-Trichlorobenzene	13.945	180	1758	0.925	ug/l		89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048198.D
Acq On : 17 Oct 2025 08:45
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 23:49:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

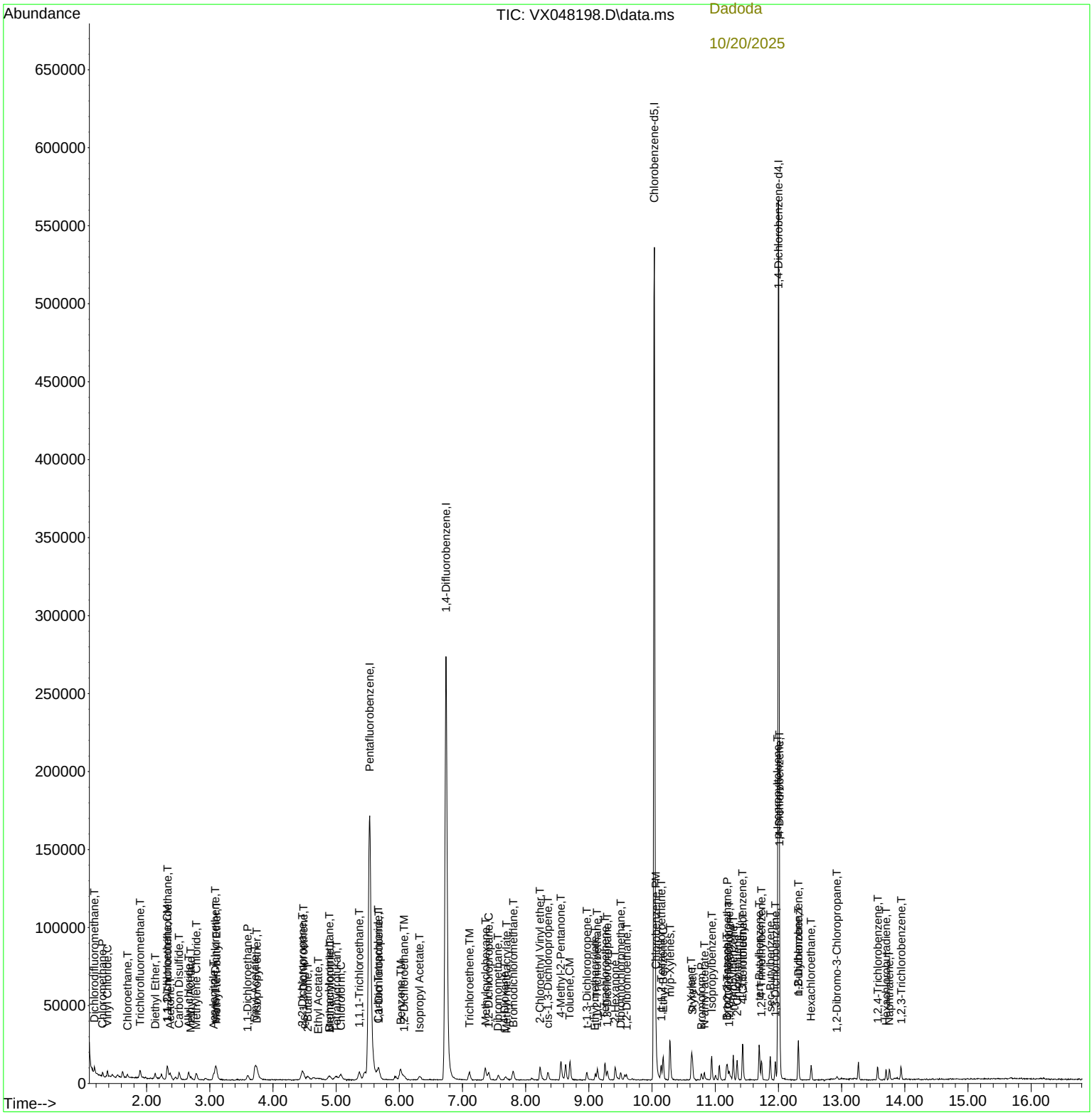
Manual Integrations APPROVED

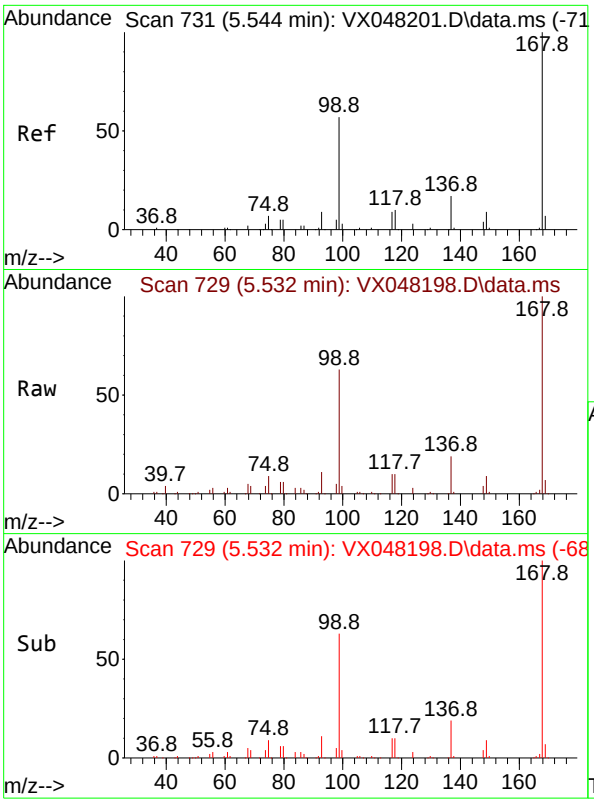
Reviewed By :John Carlone

10/20/2025

Supervised By :Mahesh Dadoda

10/20/2025

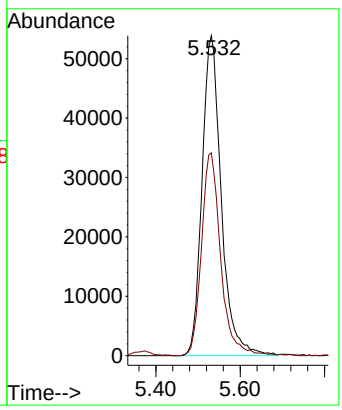




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:168 Resp: 17110

Ion	Ratio	Lower	Upper
168	100		
99	63.4	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

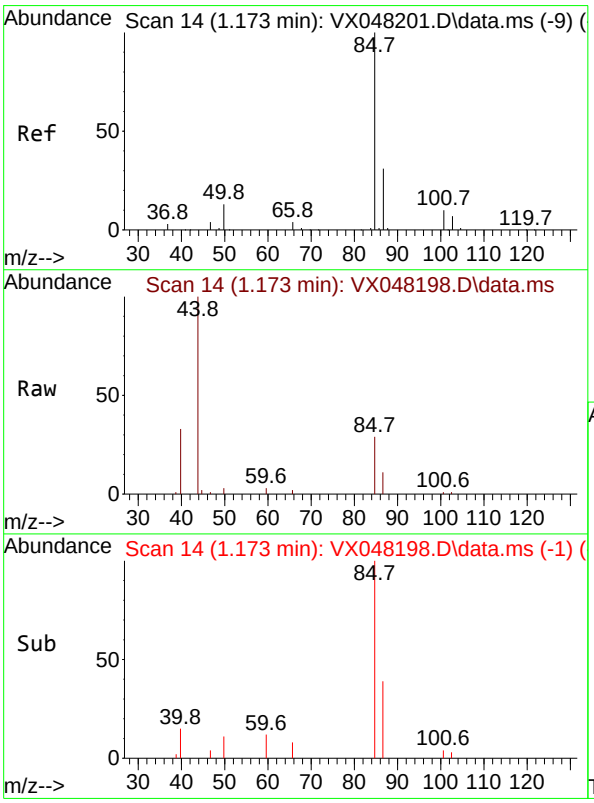
Manual Integrations APPROVED

Reviewed By :John Carlone

10/20/2025

Supervised By :Mahesh Dadoda

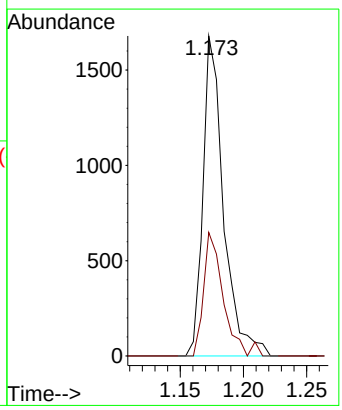
10/20/2025

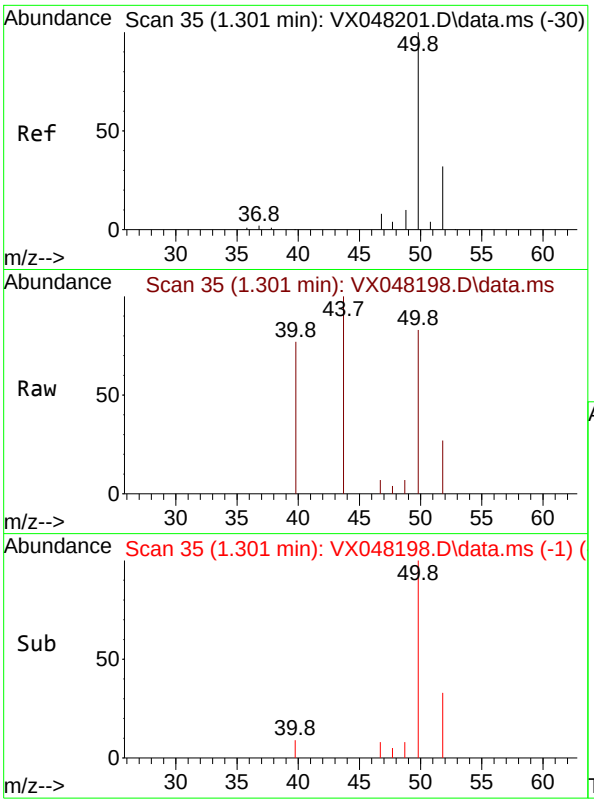


#2
Dichlorodifluoromethane
Concen: 1.059 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 85 Resp: 1902

Ion	Ratio	Lower	Upper
85	100		
87	38.6	15.3	45.9

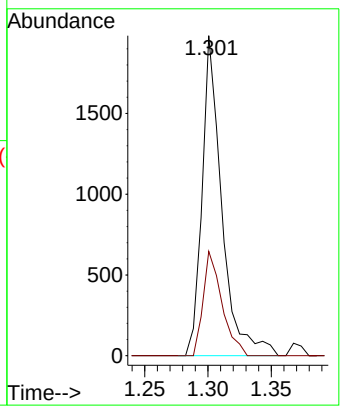




#3
Chloromethane
Concen: 0.991 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 50 Resp: 215

Ion	Ratio	Lower	Upper
50	100		
52	32.6	25.9	38.9



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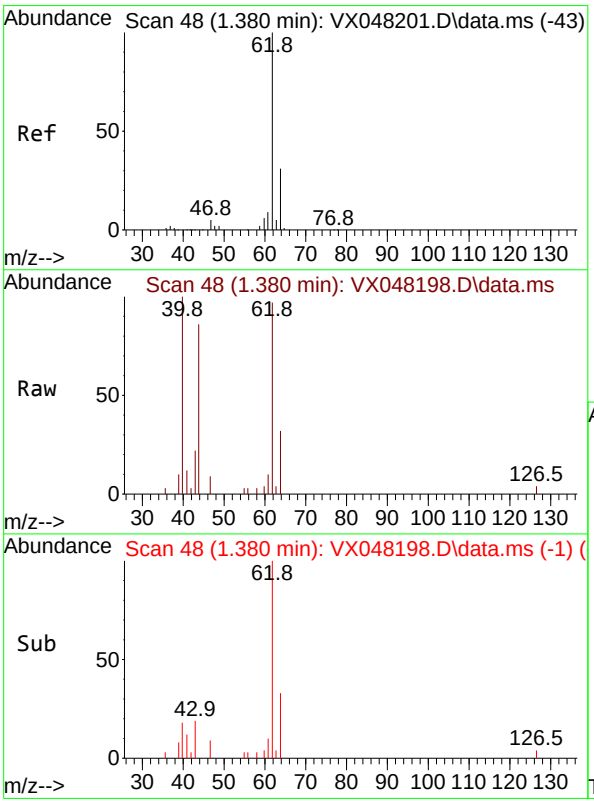
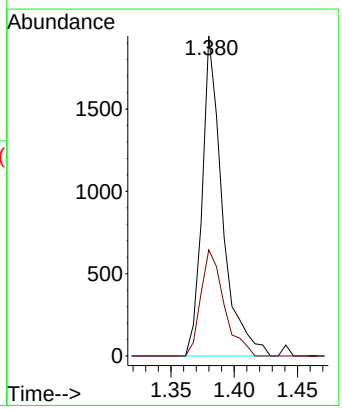
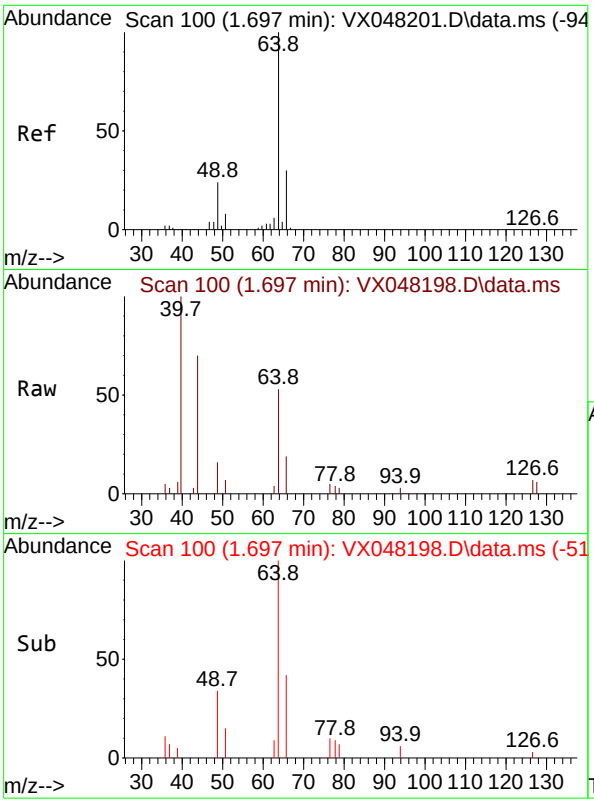


#4
Vinyl Chloride
Concen: 0.945 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 62 Resp: 2166

Ion	Ratio	Lower	Upper
62	100		
64	33.2	25.1	37.7

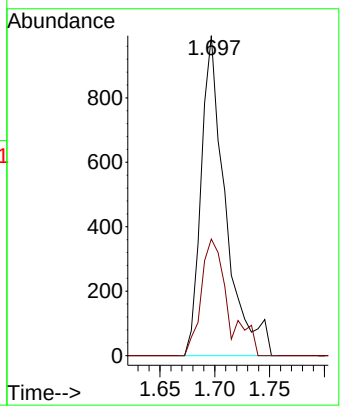




#6
Chloroethane
Concen: 1.051 ug/l
RT: 1.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 64 Resp: 153

Ion	Ratio	Lower	Upper
64	100		
66	36.5	23.9	35.9



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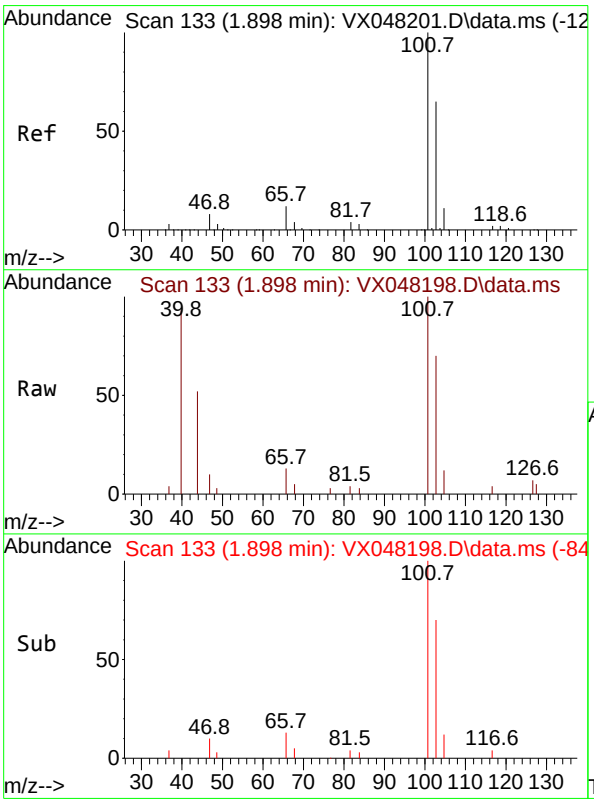
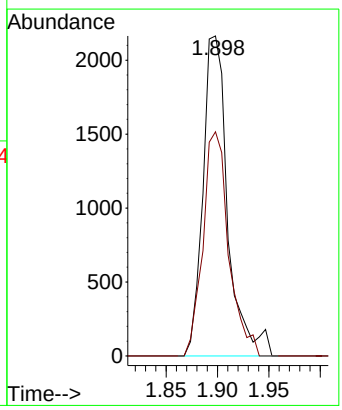
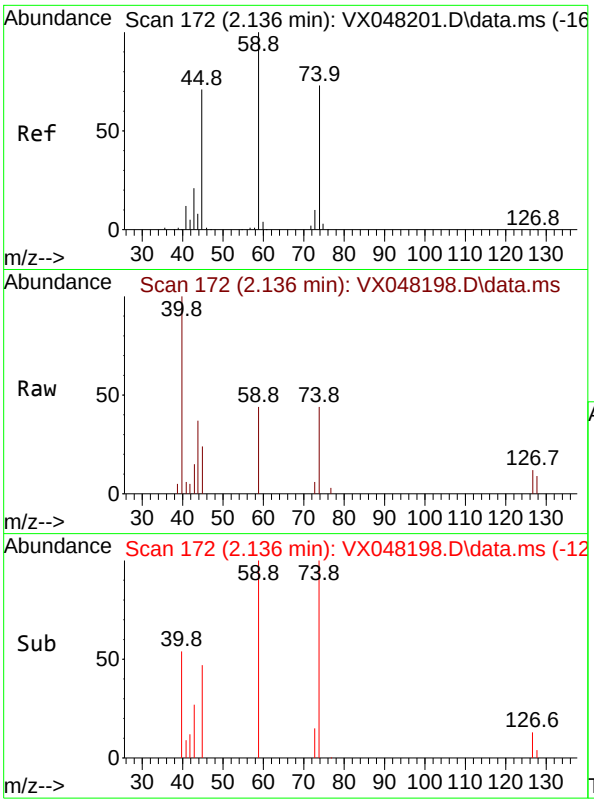


#7
Trichlorofluoromethane
Concen: 1.013 ug/l
RT: 1.898 min Scan# 133
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:101 Resp: 3645

Ion	Ratio	Lower	Upper
101	100		
103	70.1	51.6	77.4

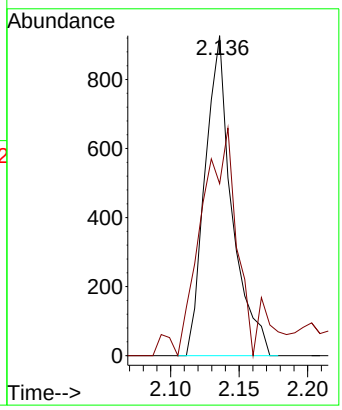




#8
Diethyl Ether
Concen: 1.031 ug/l
RT: 2.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 74 Resp: 126

Ion	Ratio	Lower	Upper
74	100		
45	93.2	50.0	149.8



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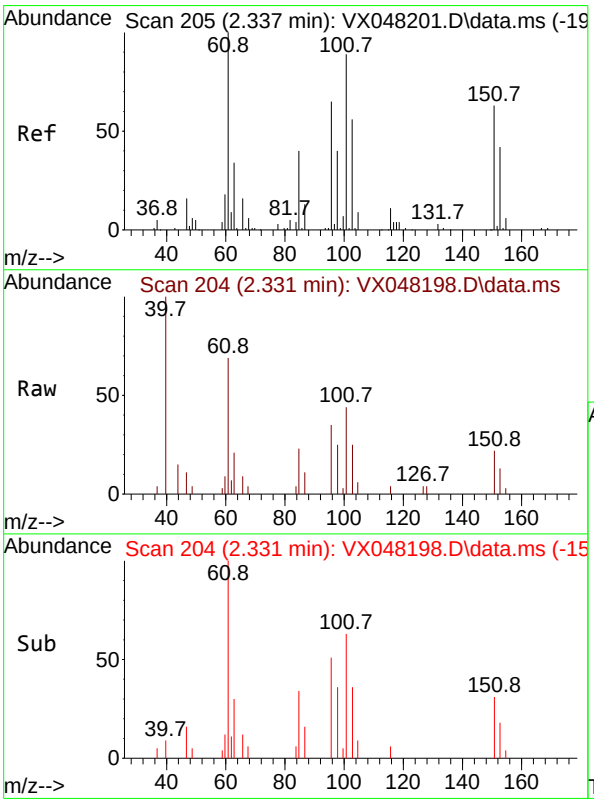
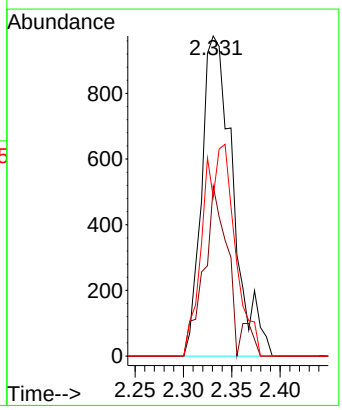
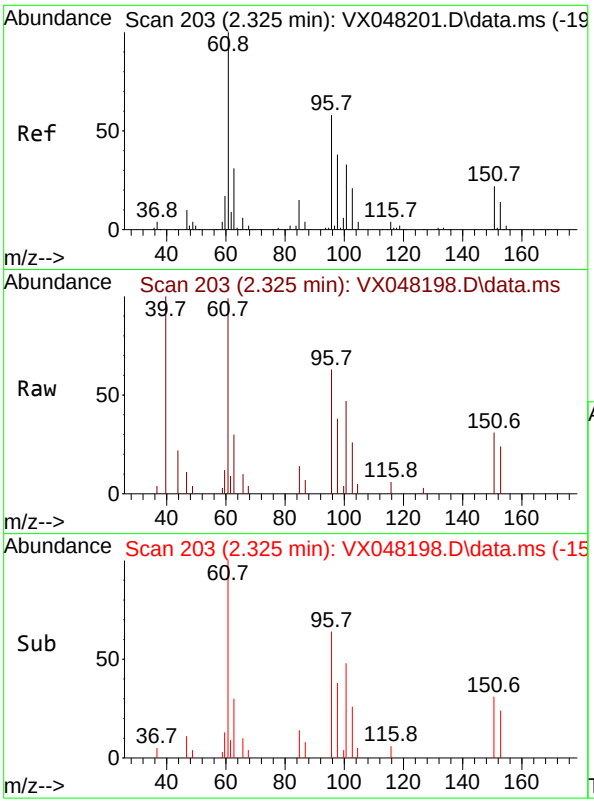


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.080 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:101 Resp: 2189

Ion	Ratio	Lower	Upper
101	100		
85	40.8	35.6	53.4
151	68.0	58.0	87.0

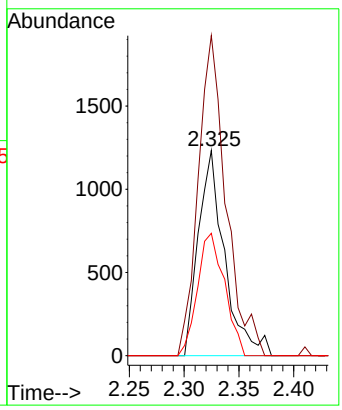




#12
1,1-Dichloroethene
Concen: 1.034 ug/l
RT: 2.325 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 96 Resp: 205

Ion	Ratio	Lower	Upper
96	100		
61	170.6	139.0	208.6
98	59.6	52.4	78.6



Instrument :
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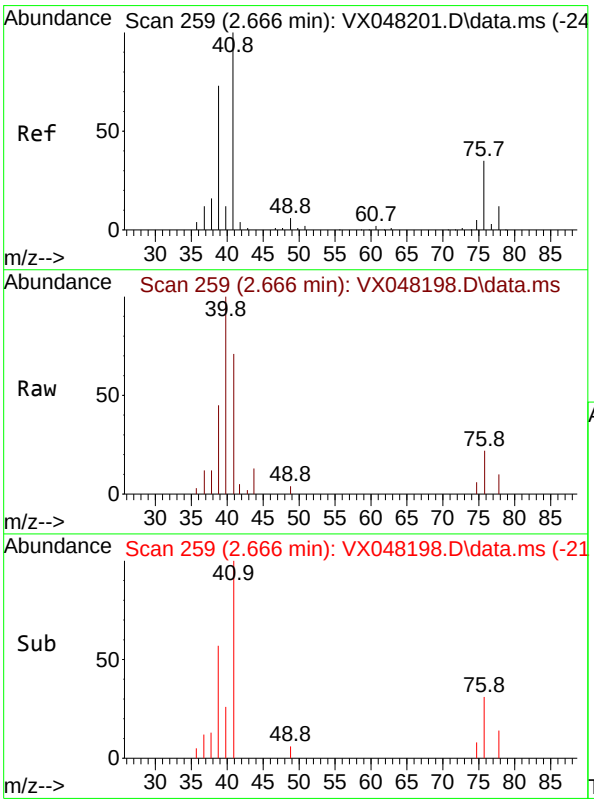
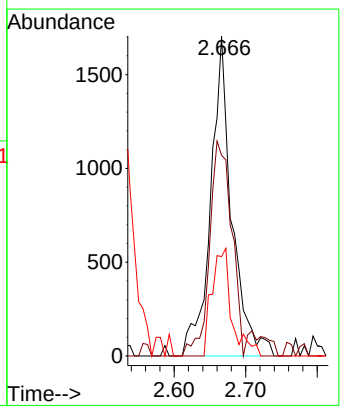
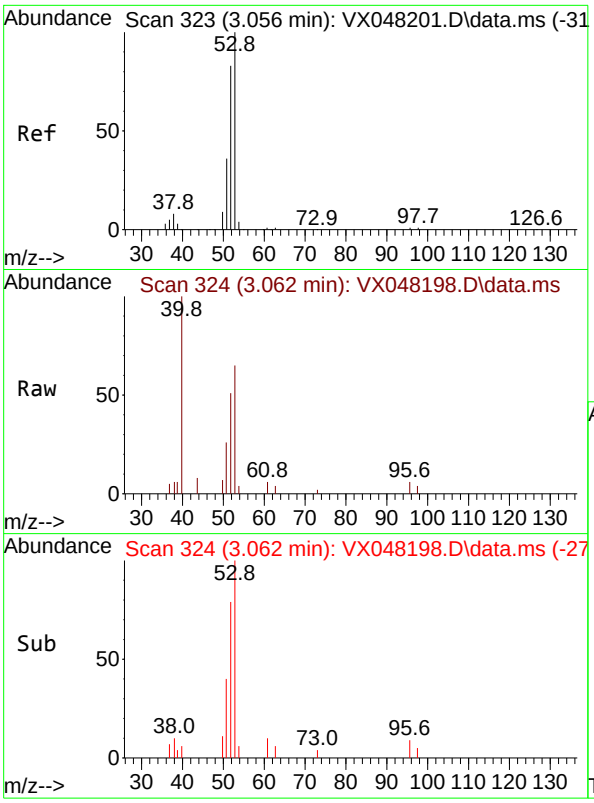


#14
Allyl chloride
Concen: 0.989 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 41 Resp: 3528

Ion	Ratio	Lower	Upper
41	100		
39	70.7	56.0	84.0
76	31.1	27.5	41.3

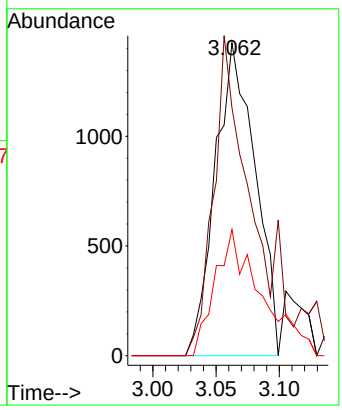




#15
Acrylonitrile
Concen: 3.727 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 53 Resp: 314

Ion	Ratio	Lower	Upper
53	100		
52	96.4	66.1	99.1
51	46.5	29.0	43.4#



Instrument :
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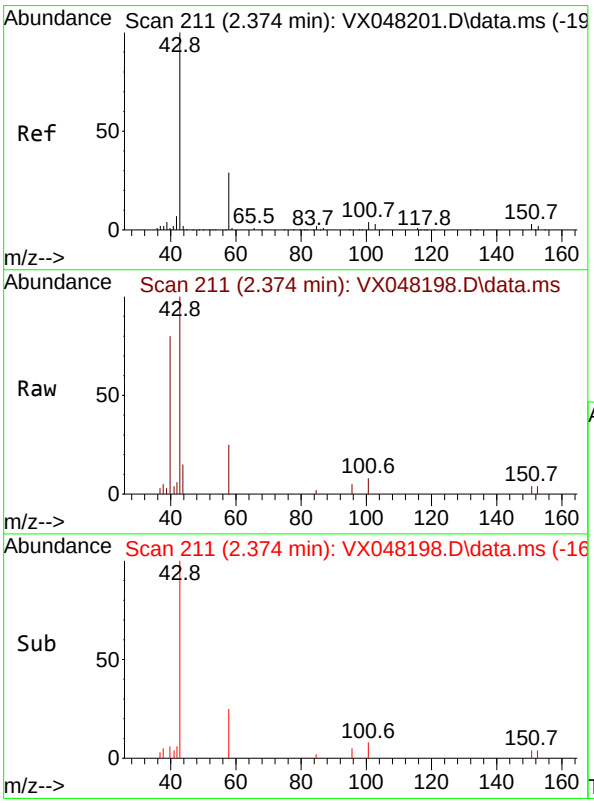
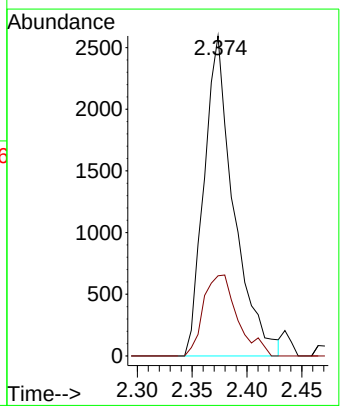
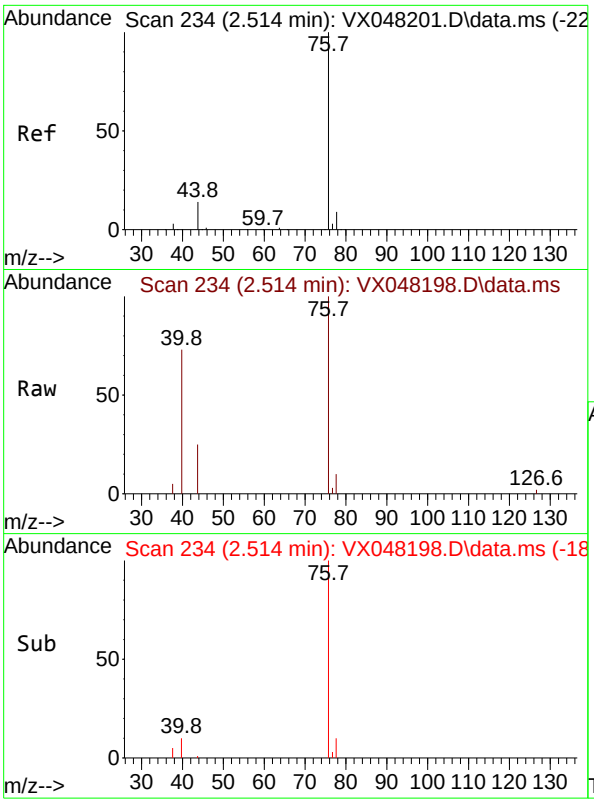


#16
Acetone
Concen: 5.375 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 4860

Ion	Ratio	Lower	Upper
43	100		
58	22.7	23.4	35.2#

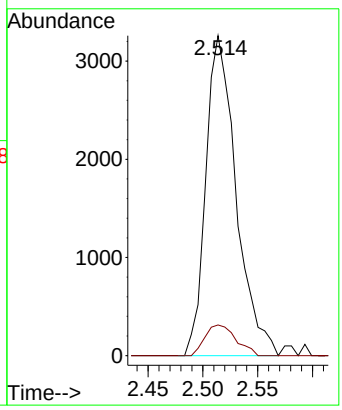




#17
Carbon Disulfide
Concen: 1.028 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 76 Resp: 626

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7



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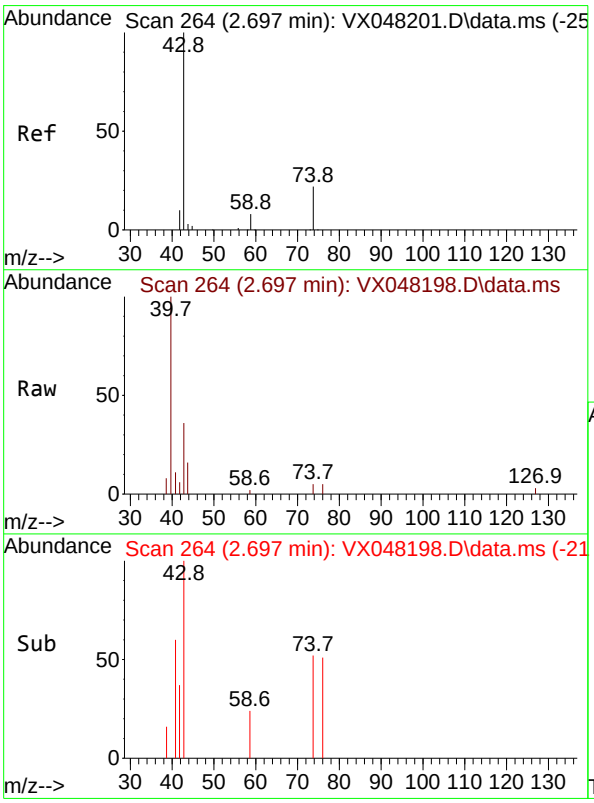
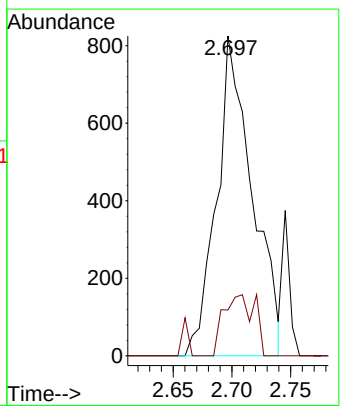
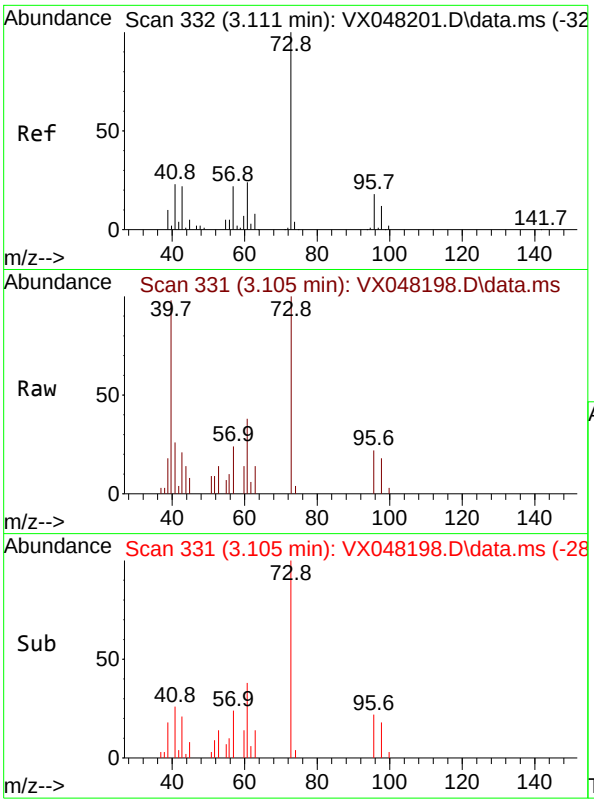


#18
Methyl Acetate
Concen: 0.943 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 1737

Ion	Ratio	Lower	Upper
43	100		
74	16.7	17.5	26.3#

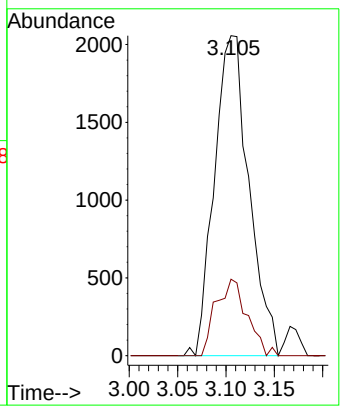




#19
Methyl tert-butyl Ether
Concen: 0.857 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 73 Resp: 511

Ion	Ratio	Lower	Upper
73	100		
57	23.9	17.7	26.5



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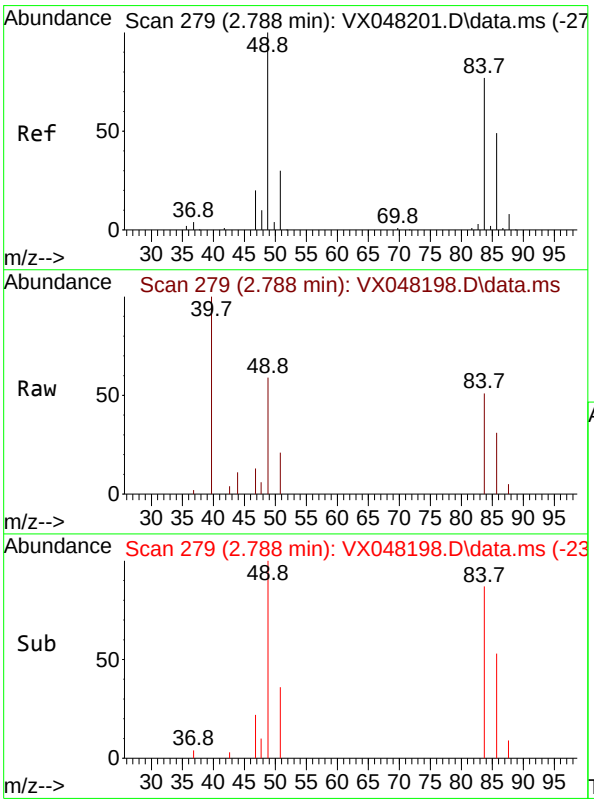
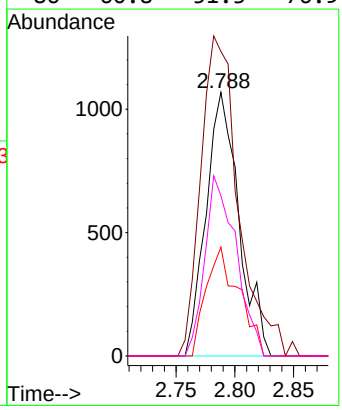
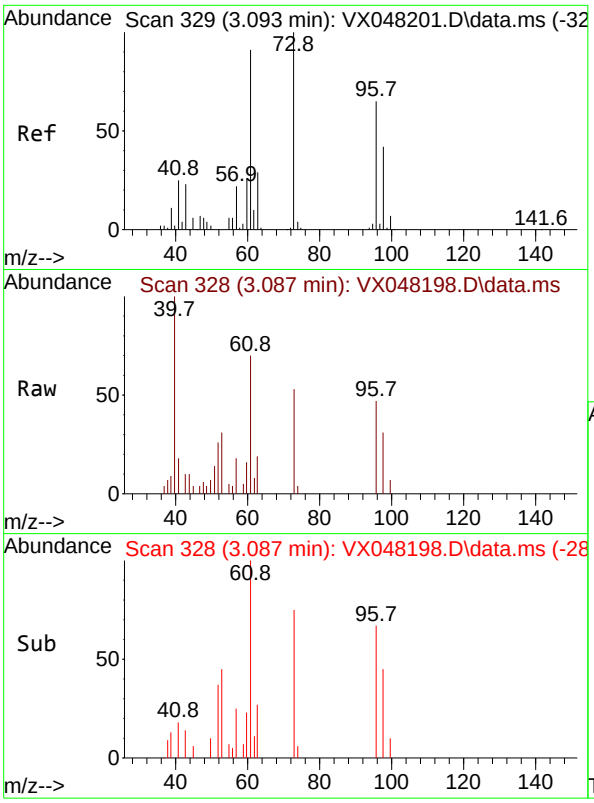


#20
Methylene Chloride
Concen: 0.946 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 84 Resp: 2083

Ion	Ratio	Lower	Upper
84	100		
49	115.5	104.1	156.1
51	41.3	31.3	46.9
86	60.8	51.3	76.9

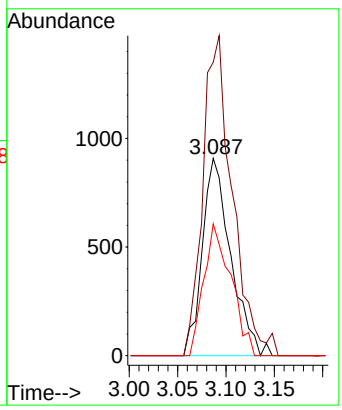




#21
trans-1,2-Dichloroethene
Concen: 0.908 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 96 Resp: 186

Ion	Ratio	Lower	Upper
96	100		
61	148.8	111.9	167.9
98	66.9	51.2	76.8



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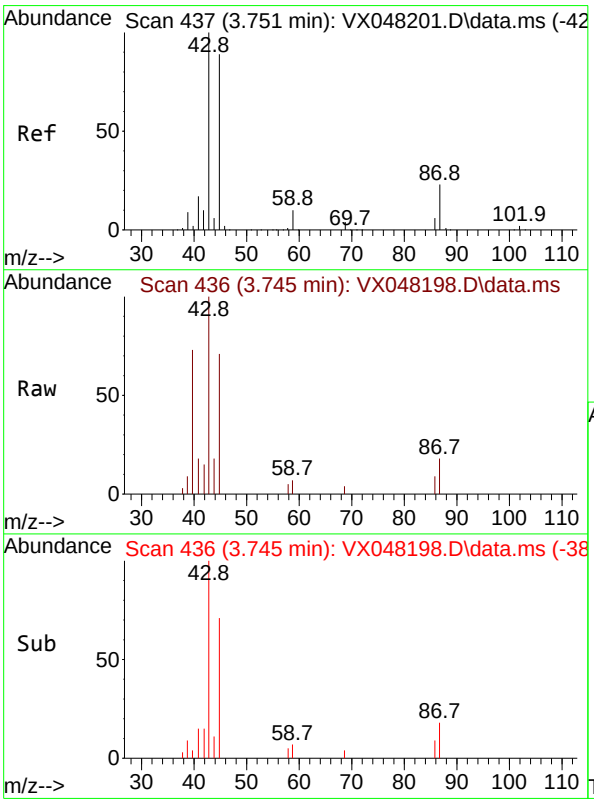
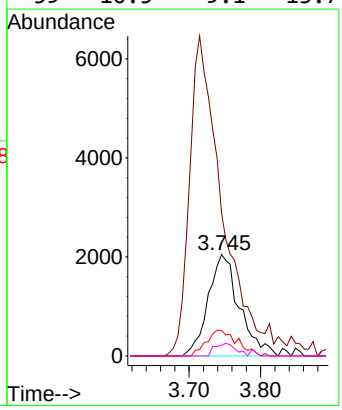
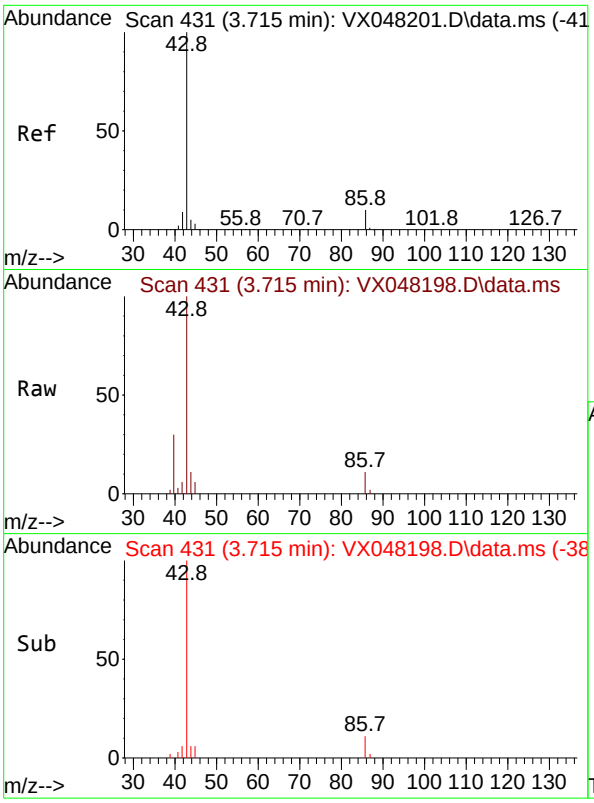


#22
Diisopropyl ether
Concen: 0.892 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 45 Resp: 6229

Ion	Ratio	Lower	Upper
45	100		
43	121.4	89.8	134.8
87	25.2	20.6	31.0
59	10.5	9.1	13.7

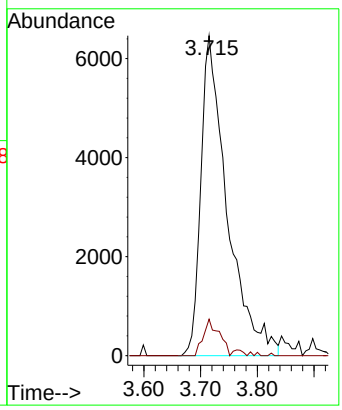




#23
Vinyl Acetate
Concen: 3.990 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 2083

Ion	Ratio	Lower	Upper
43	100		
86	11.8	7.9	11.9



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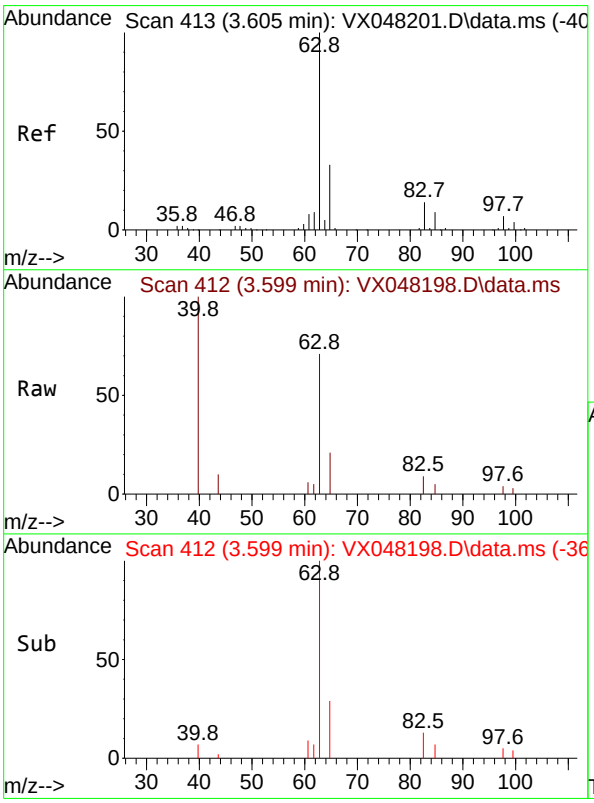
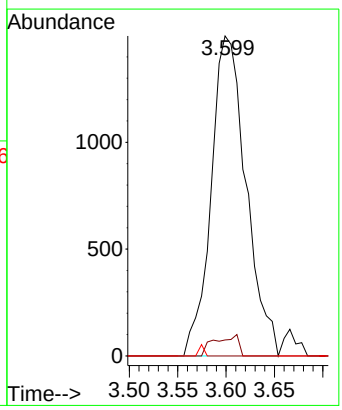
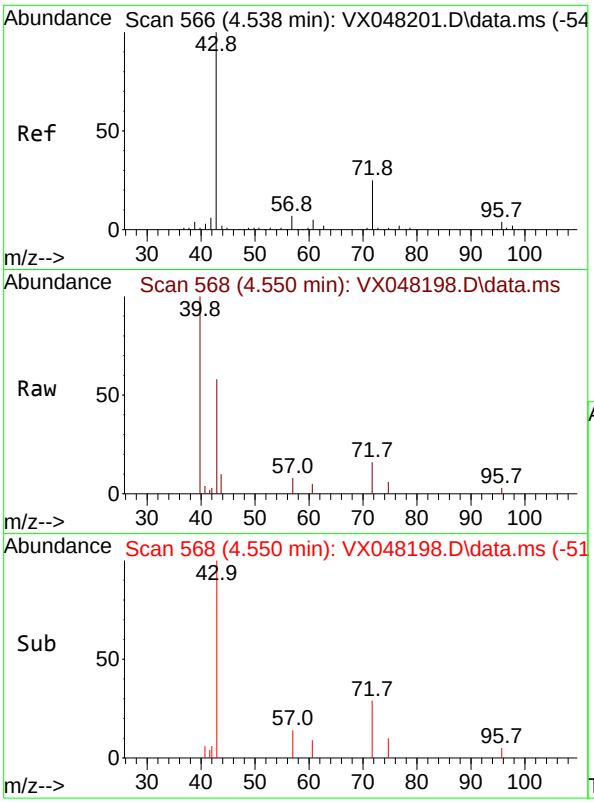


#24
1,1-Dichloroethane
Concen: 0.948 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 63 Resp: 3755

Ion	Ratio	Lower	Upper
63	100		
98	5.0	3.5	10.6
100	0.0	2.1	6.3#

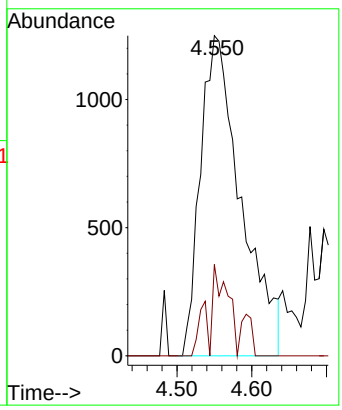




#25
2-Butanone
Concen: 4.470 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 470

Ion	Ratio	Lower	Upper
43	100		
72	27.2	19.9	29.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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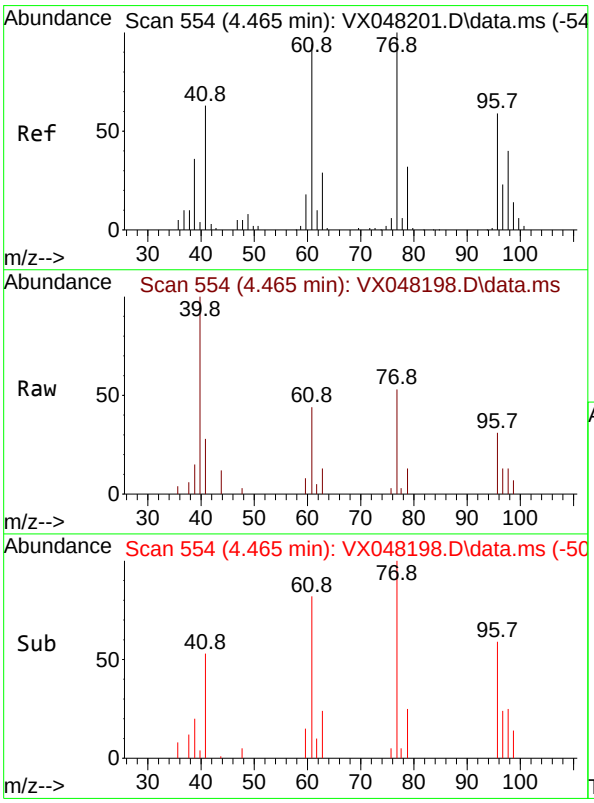
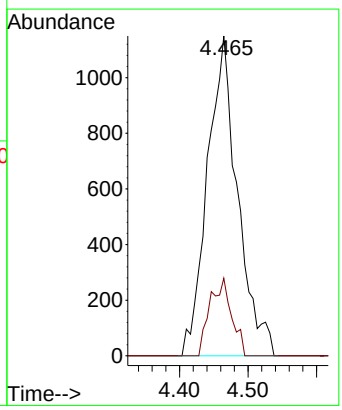
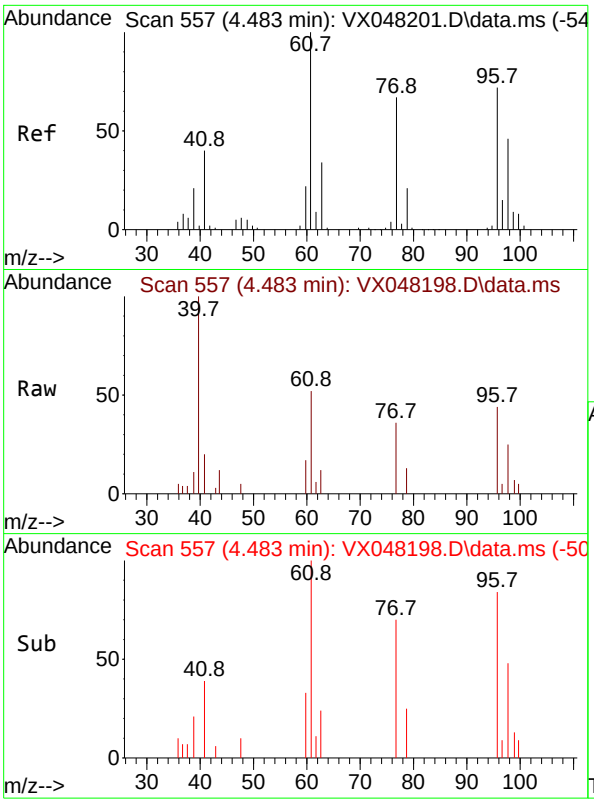


#26
2,2-Dichloropropane
Concen: 1.042 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 77 Resp: 3528

Ion	Ratio	Lower	Upper
77	100		
97	17.3	11.1	33.3

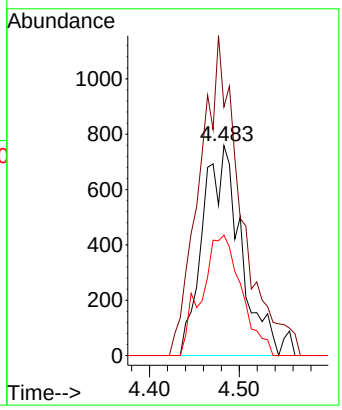




#27
cis-1,2-Dichloroethene
Concen: 0.920 ug/l m
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 96 Resp: 223

Ion	Ratio	Lower	Upper
96	100		
61	164.9	0.0	294.2
98	60.0	0.0	128.4



Instrument :
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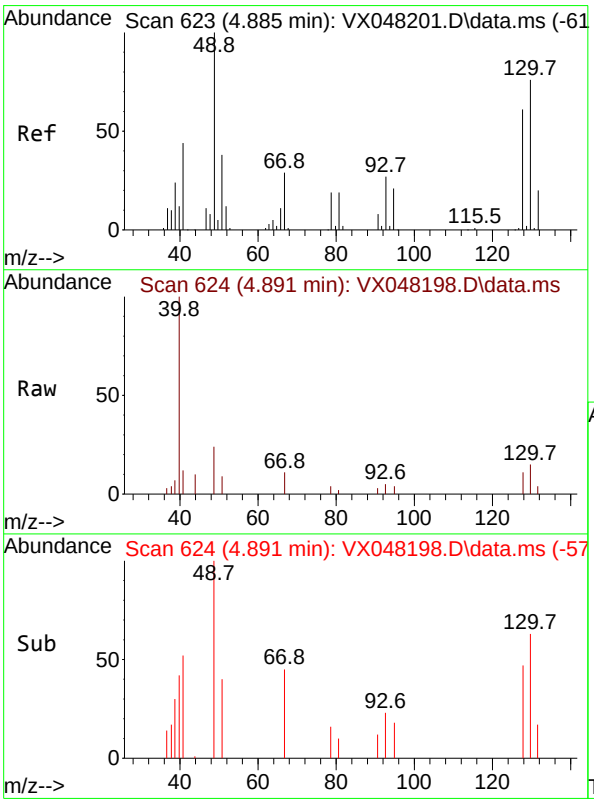
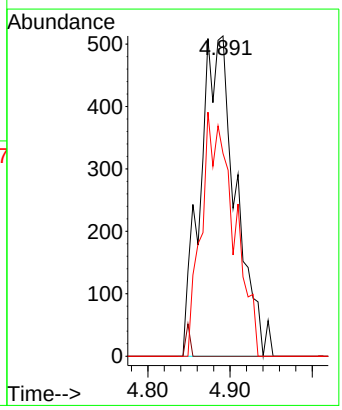
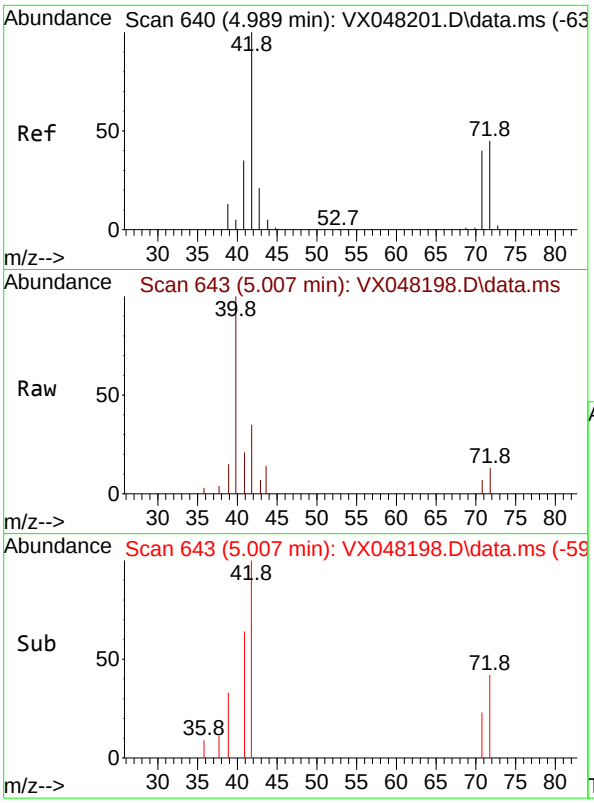


#28
Bromochloromethane
Concen: 0.847 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 49 Resp: 1546

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	69.1	59.3	88.9

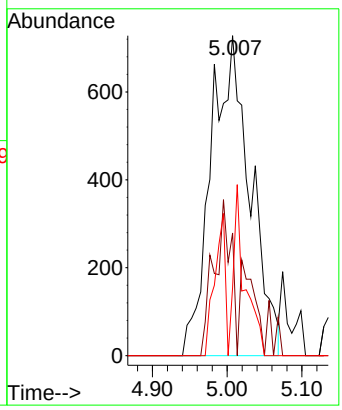




#29
Tetrahydrofuran
Concen: 4.295 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.018 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 42 Resp: 265

Ion	Ratio	Lower	Upper
42	100		
72	10.8	35.3	52.9#
71	15.6	32.2	48.4#



Instrument :
MSVOA_X
ClientSampleId :
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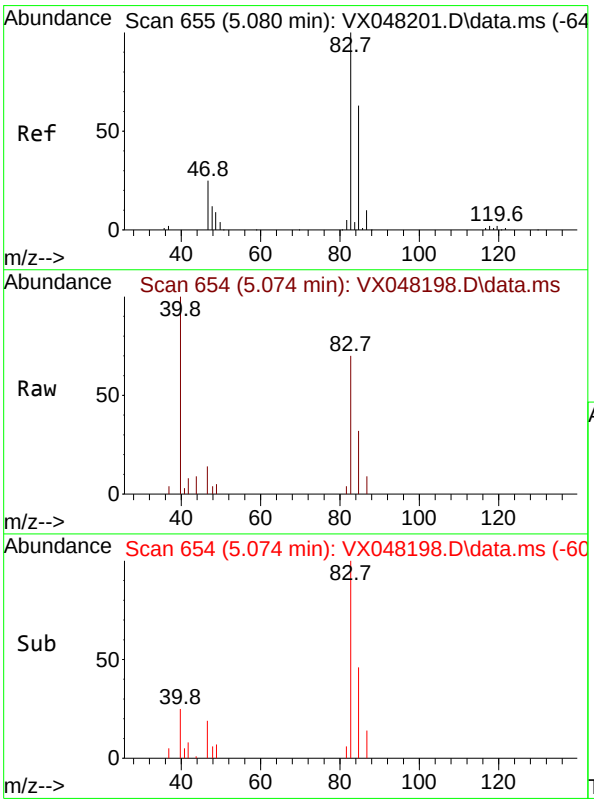
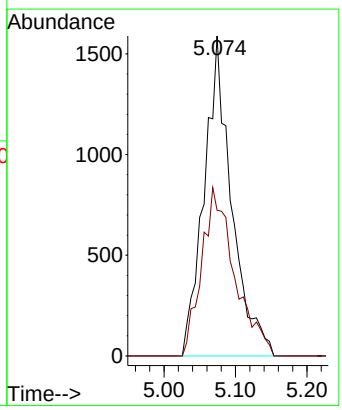
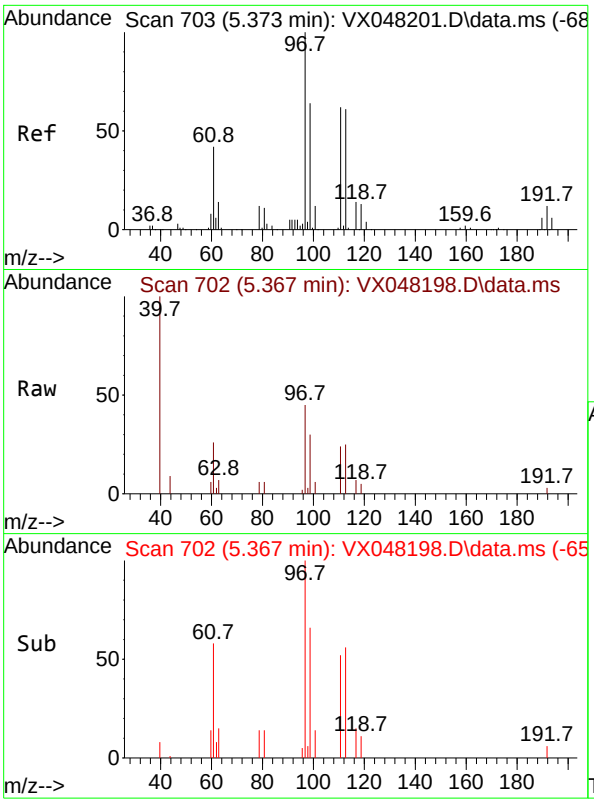


#30
Chloroform
Concen: 1.017 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 83 Resp: 4243

Ion	Ratio	Lower	Upper
83	100		
85	45.6	50.1	75.1#

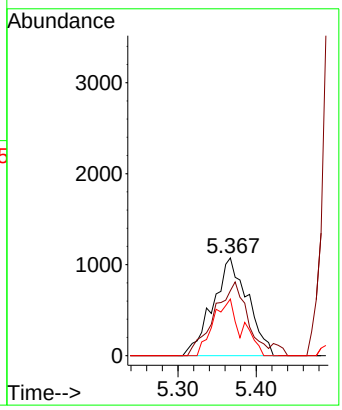




#32
1,1,1-Trichloroethane
Concen: 0.970 ug/l
RT: 5.367 min Scan# 7(
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 97 Resp: 332(

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.7	77.5#
61	37.0	34.8	52.2



Instrument :
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ClientSampleId :
VSTDICC001

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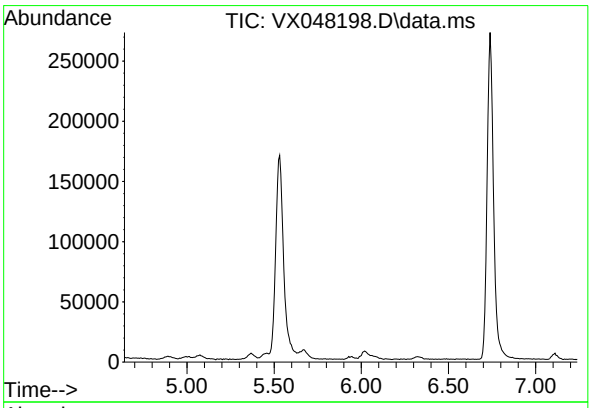
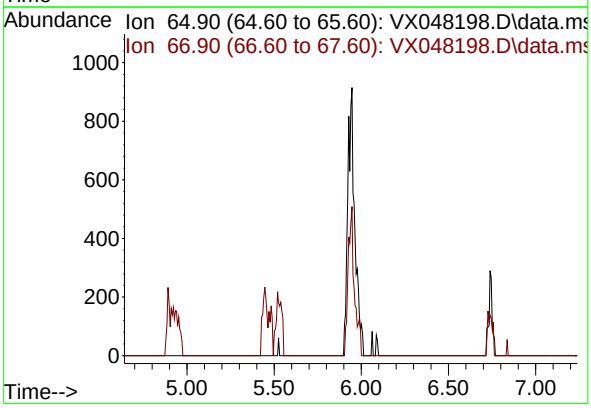


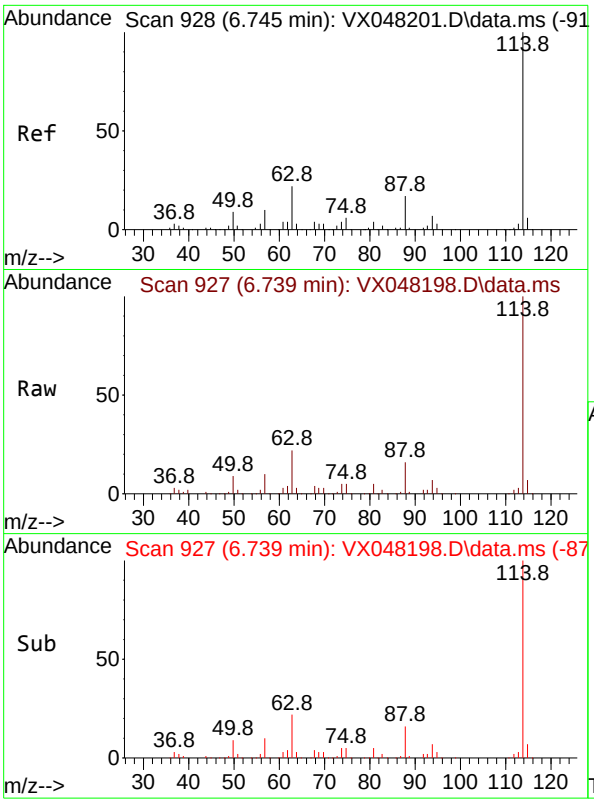
#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.94 min

Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	52.5

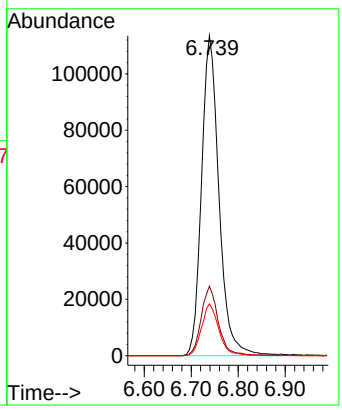




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:114 Resp: 29201

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	16.2	0.0	33.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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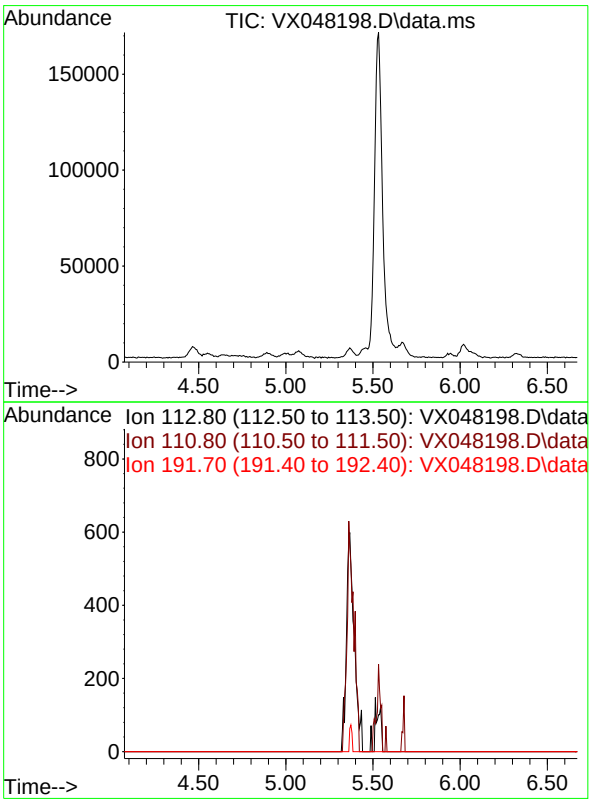
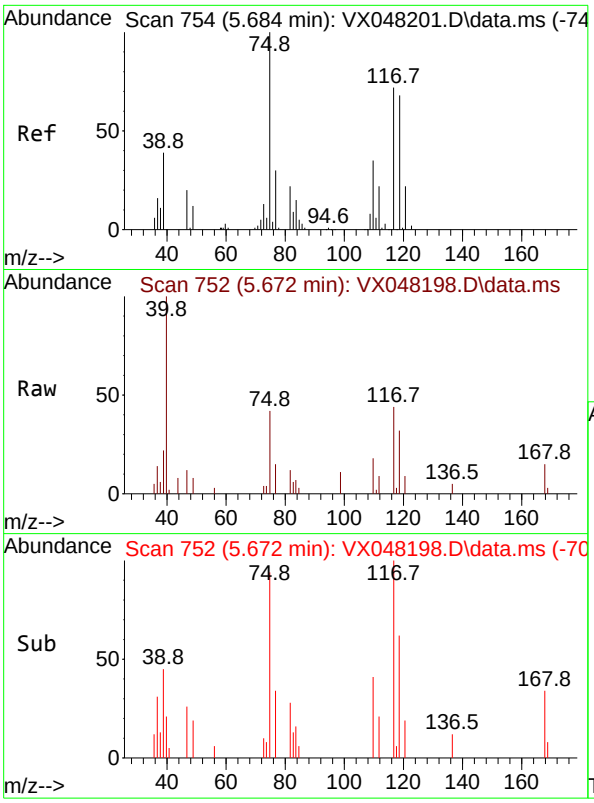


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.37 min

Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 113

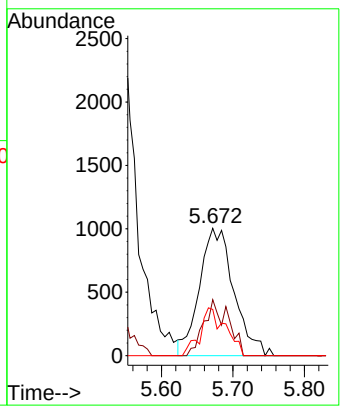
Sig	Exp Ratio
113	100
111	102.8
192	18.9



#36
1,1-Dichloropropene
Concen: 1.177 ug/l
RT: 5.672 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 75 Resp: 336

Ion	Ratio	Lower	Upper
75	100		
110	31.1	17.7	53.1
77	27.7	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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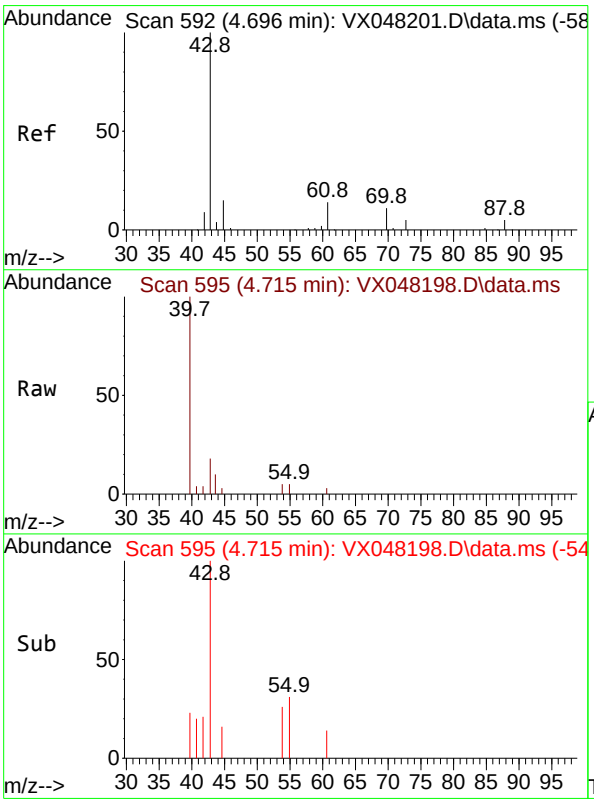
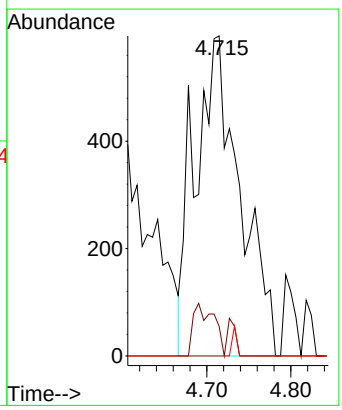
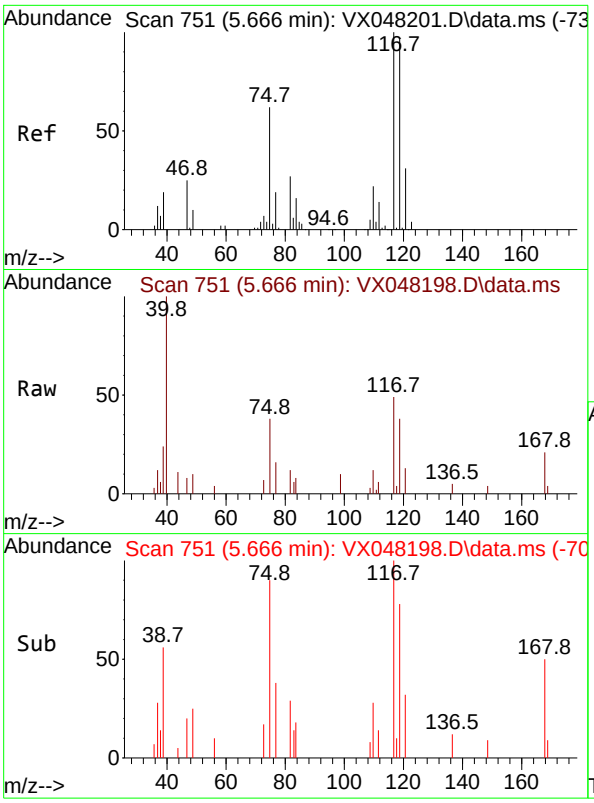


#37
Ethyl Acetate
Concen: 0.969 ug/l m
RT: 4.715 min Scan# 595
Delta R.T. 0.018 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 2212

Ion	Ratio	Lower	Upper
43	100		
61	7.5	10.6	15.8#
70	0.0	7.8	11.6#

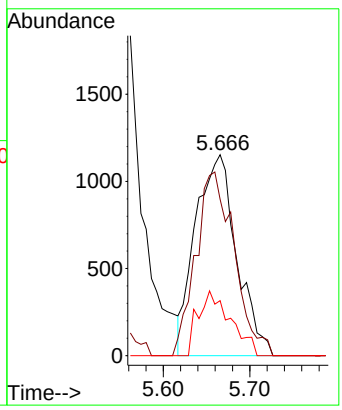




#38
Carbon Tetrachloride
Concen: 1.162 ug/l
RT: 5.666 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:117 Resp: 380

Ion	Ratio	Lower	Upper
117	100		
119	77.8	77.2	115.8
121	27.4	24.8	37.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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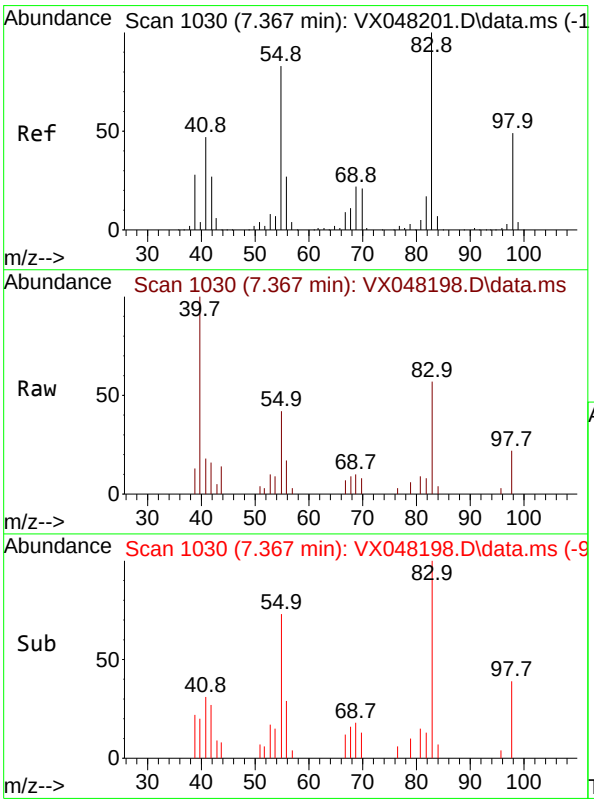
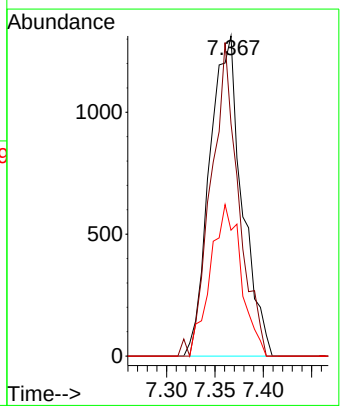
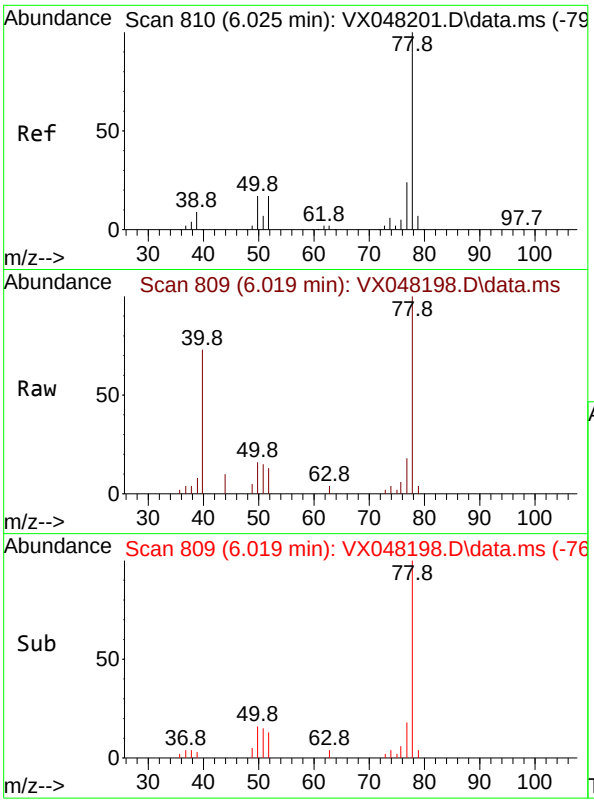


#39
Methylcyclohexane
Concen: 0.951 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 83 Resp: 3061

Ion	Ratio	Lower	Upper
83	100		
55	72.7	66.2	99.2
98	39.3	38.9	58.3

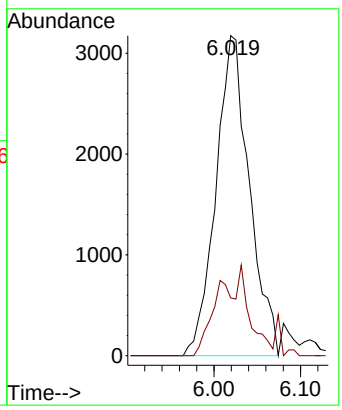




#40
Benzene
Concen: 1.006 ug/l
RT: 6.019 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 78 Resp: 852

Ion	Ratio	Lower	Upper
78	100		
77	18.1	19.3	28.9#



Instrument :
MSVOA_X
ClientSampleId :
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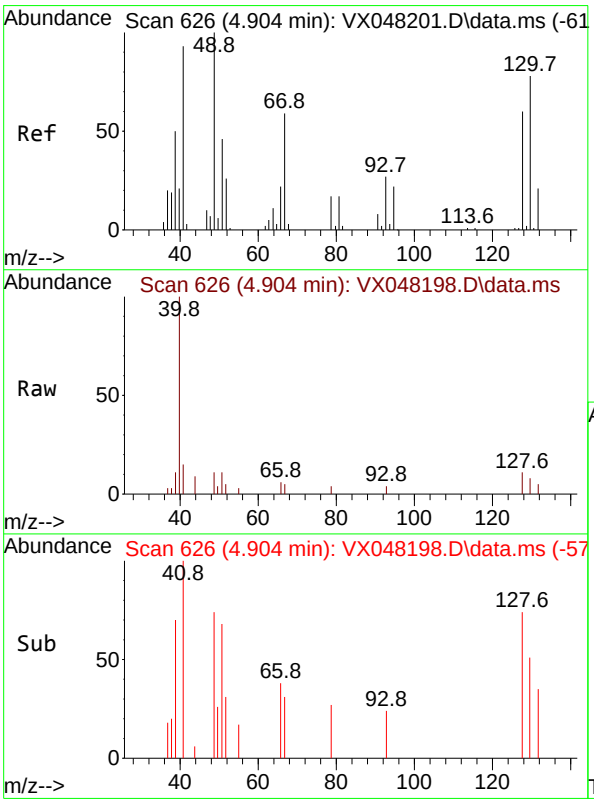
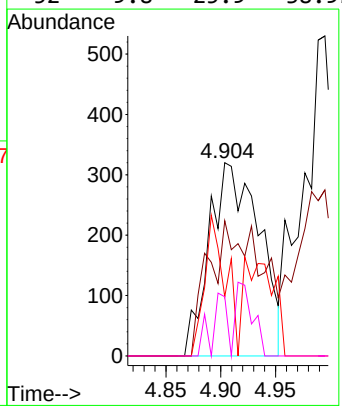
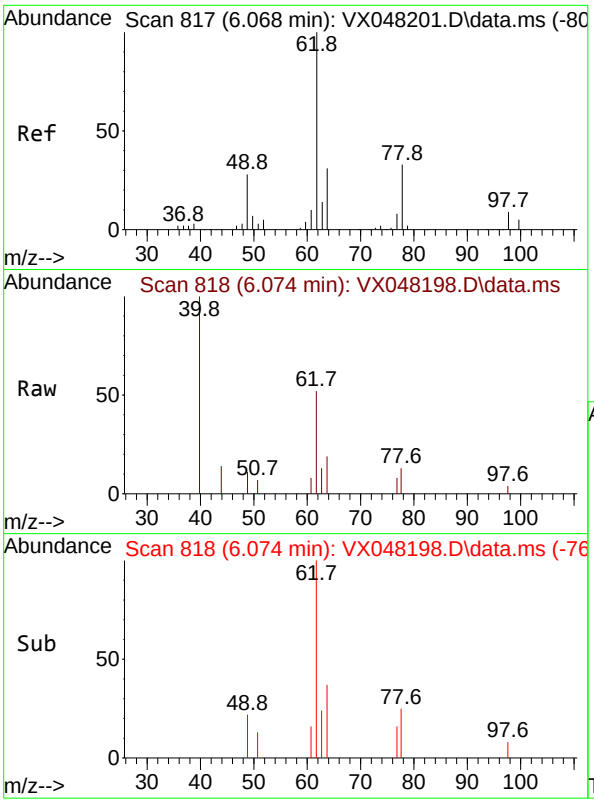


#41
Methacrylonitrile
Concen: 0.831 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 41 Resp: 1015

Ion	Ratio	Lower	Upper
41	100		
39	73.5	44.0	66.0#
67	30.2	58.7	88.1#
52	9.8	25.9	38.9#

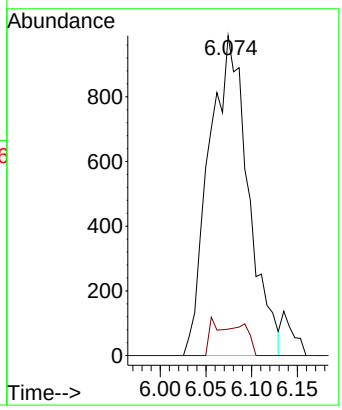




#42
1,2-Dichloroethane
Concen: 0.972 ug/l
RT: 6.074 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 62 Resp: 295

Ion	Ratio	Lower	Upper
62	100		
98	3.5	0.0	17.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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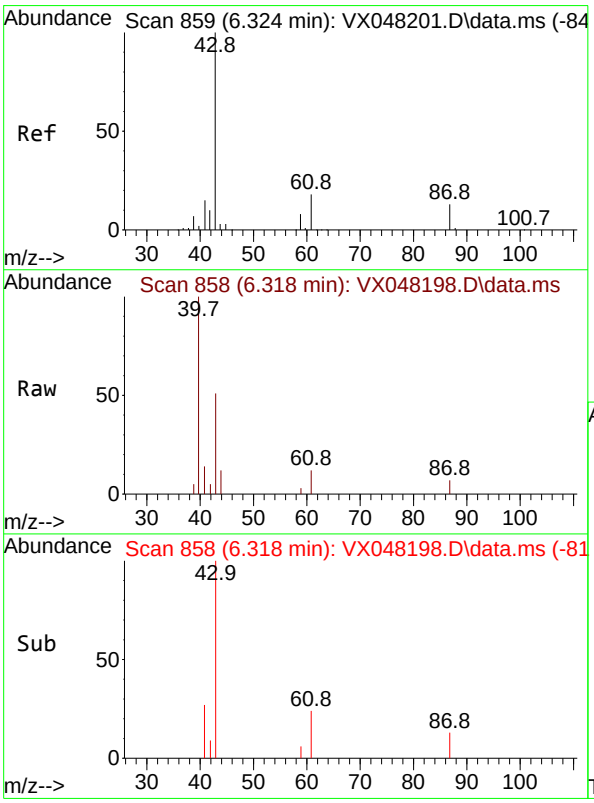
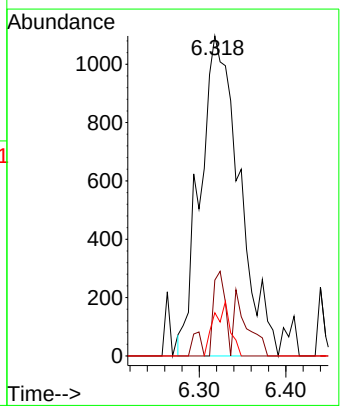
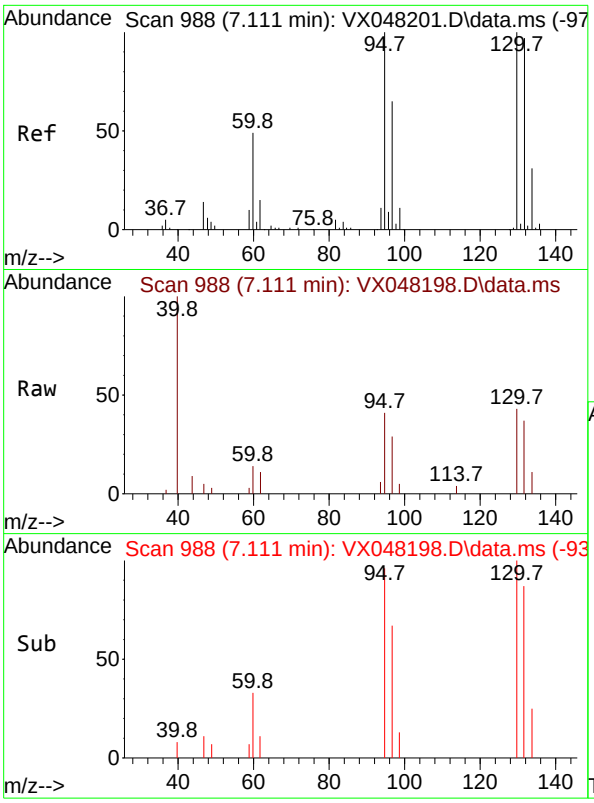


#43
Isopropyl Acetate
Concen: 0.897 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 3437

Ion	Ratio	Lower	Upper
43	100		
61	7.8	14.9	22.3#
87	7.1	9.4	14.2#

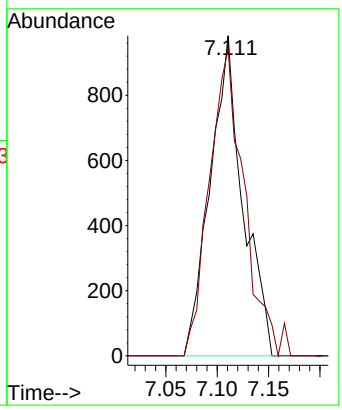




#44
Trichloroethene
Concen: 1.018 ug/l
RT: 7.111 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:130 Resp: 217

Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	200.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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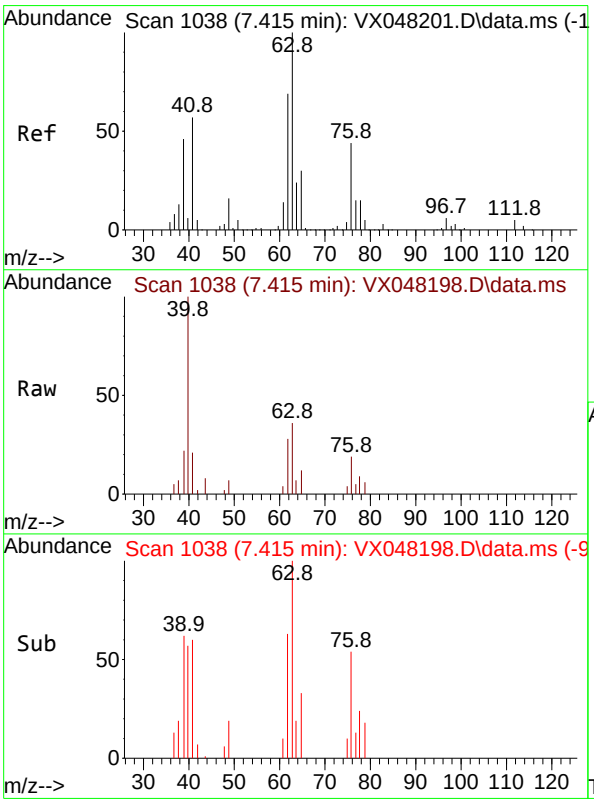
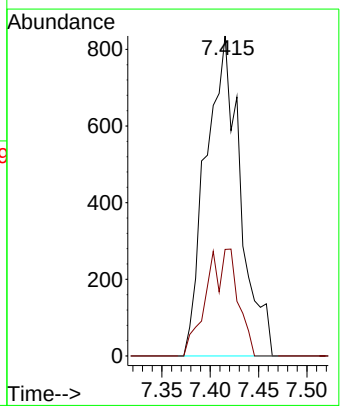
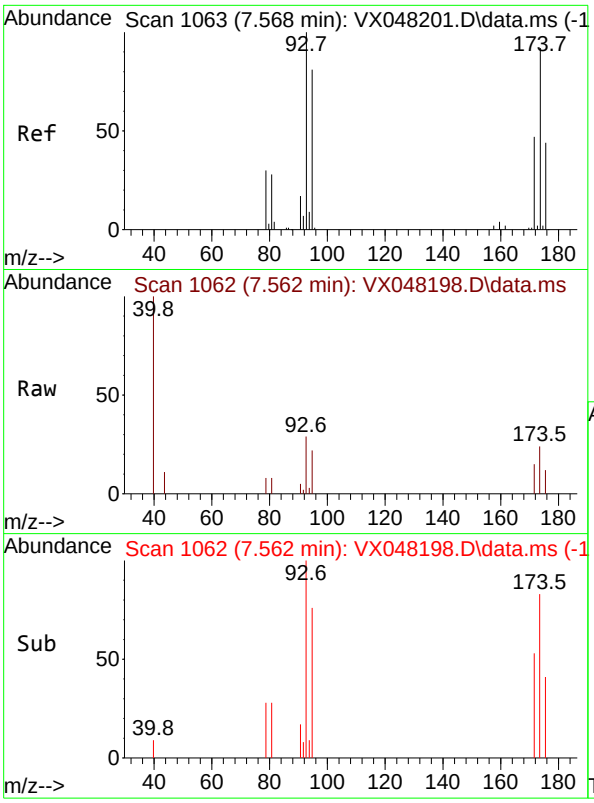


#45
1,2-Dichloropropane
Concen: 0.963 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 63 Resp: 2066

Ion	Ratio	Lower	Upper
63	100		
65	28.0	24.1	36.1

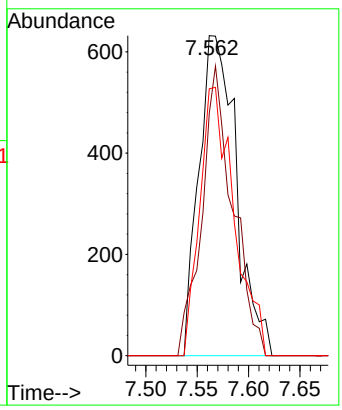




#46
Dibromomethane
Concen: 1.036 ug/l
RT: 7.562 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 93 Resp: 160

Ion	Ratio	Lower	Upper
93	100		
95	75.3	65.9	98.9
174	77.2	71.7	107.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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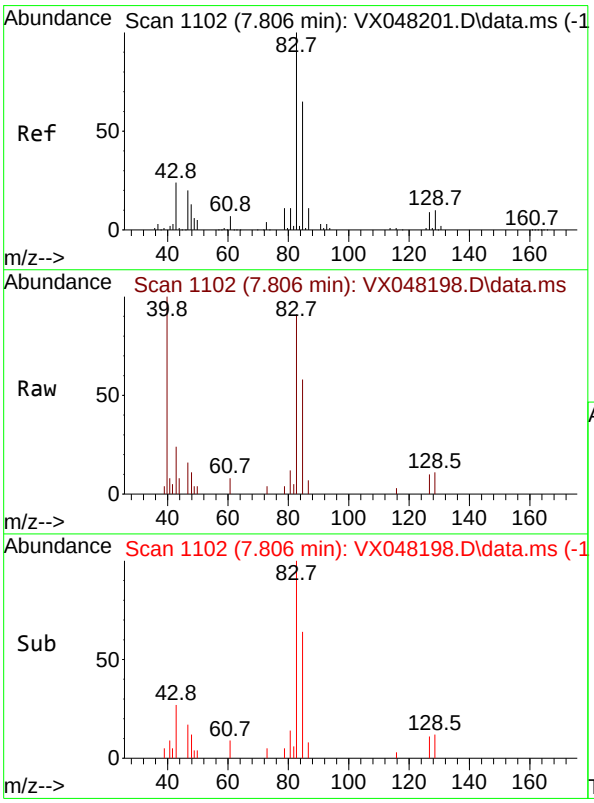
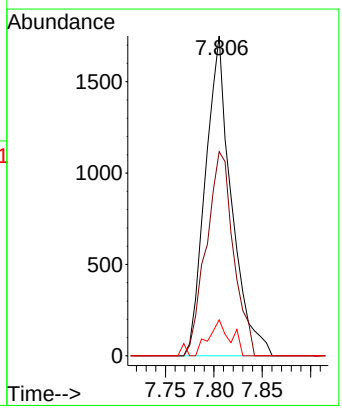
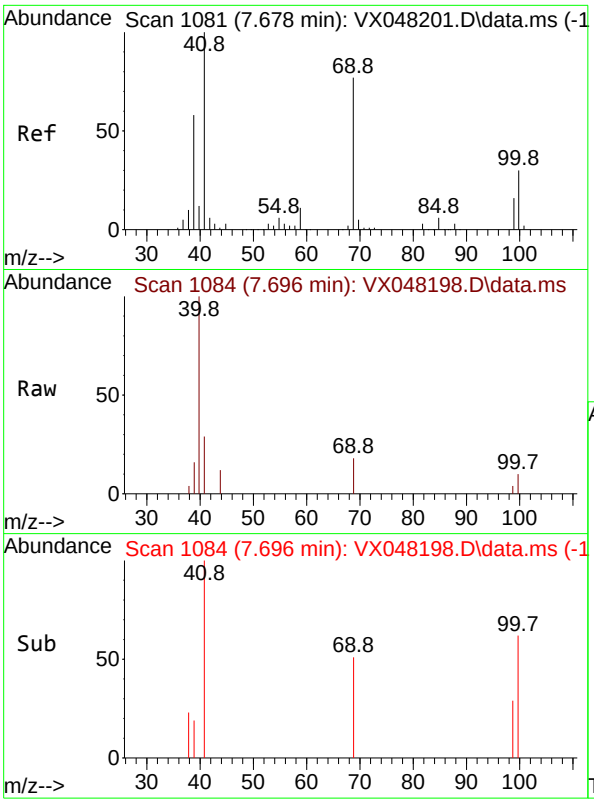


#47
Bromodichloromethane
Concen: 0.980 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 83 Resp: 3270

Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.2	78.4
127	11.3	7.3	10.9#

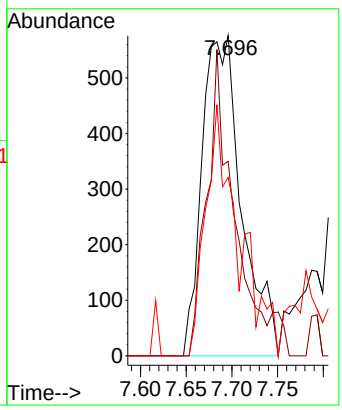




#48
Methyl methacrylate
Concen: 0.884 ug/l
RT: 7.696 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 41 Resp: 173

Ion	Ratio	Lower	Upper
41	100		
69	64.5	63.4	95.0
39	64.9	47.1	70.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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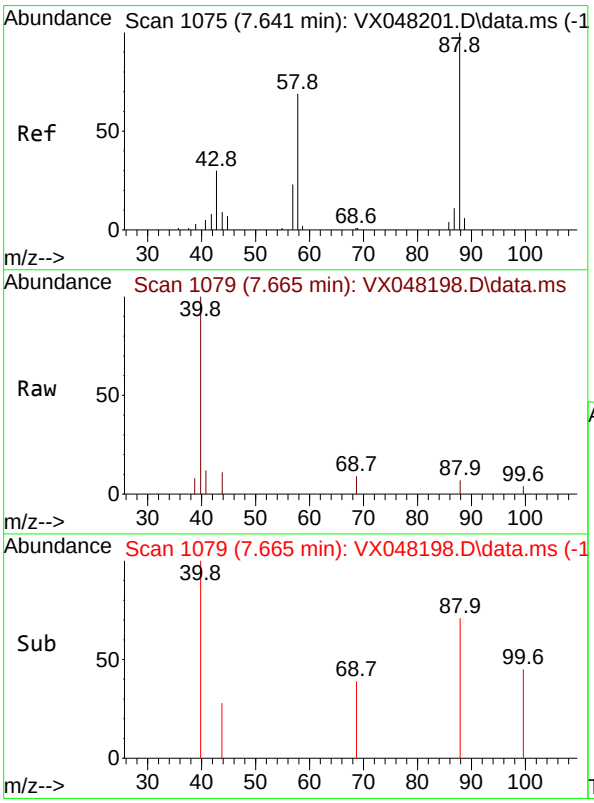
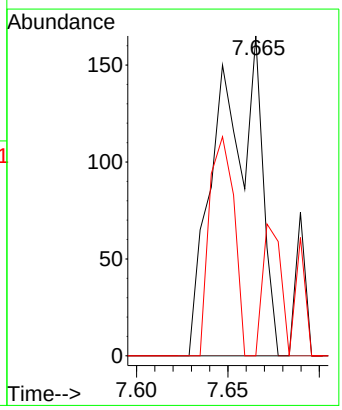
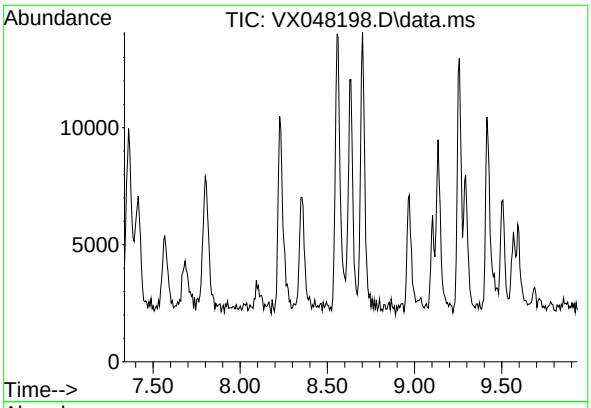


#49
1,4-Dioxane
Concen: 15.015 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.024 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 88 Resp: 265

Ion	Ratio	Lower	Upper
88	100		
43	0.0	35.0	52.4#
58	26.0	61.9	92.9#





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.63 min

Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	66.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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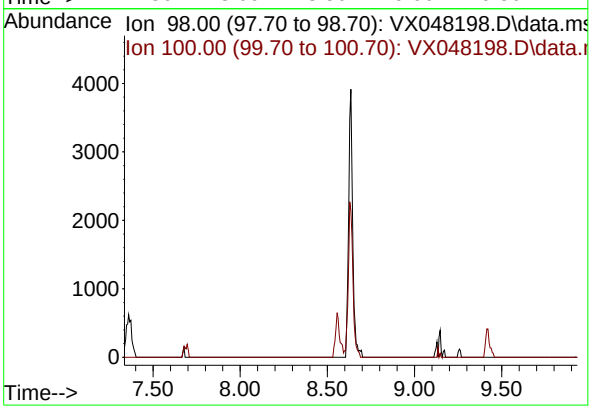
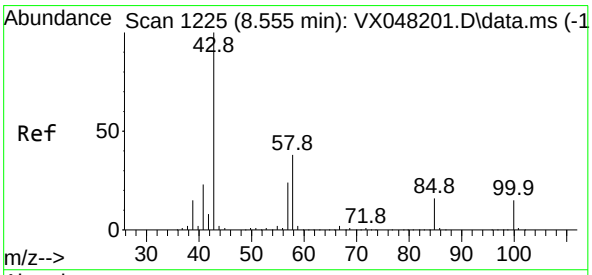
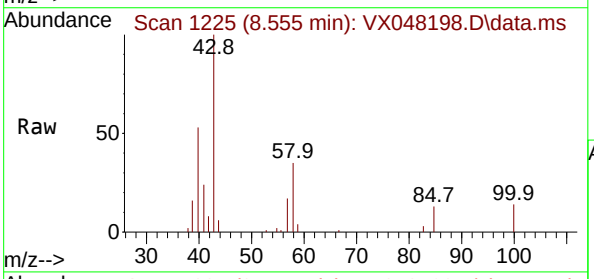


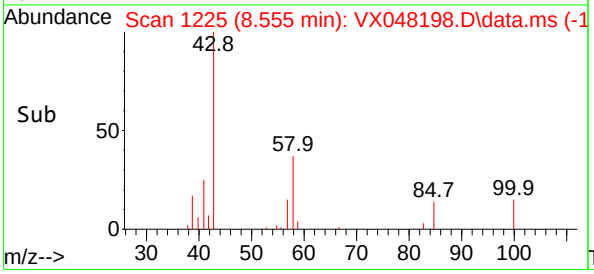


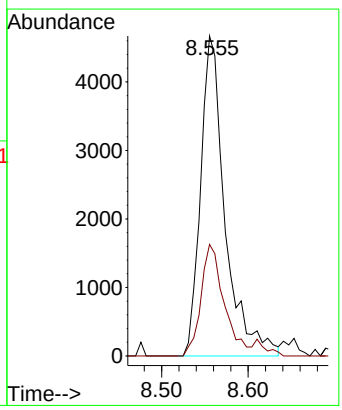
#51
4-Methyl-2-Pentanone
Concen: 4.303 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

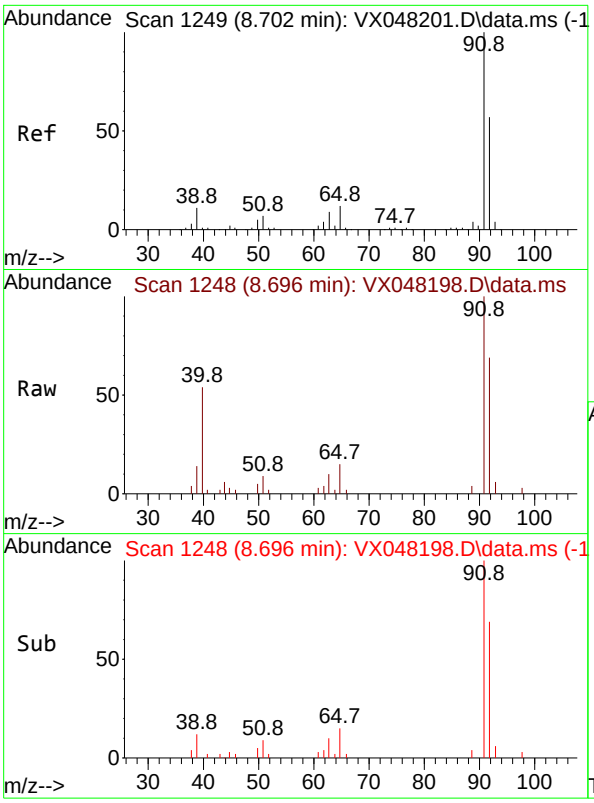
Tgt Ion: 43 Resp: 9171

Ion	Ratio	Lower	Upper
43	100		
58	33.1	29.5	44.3





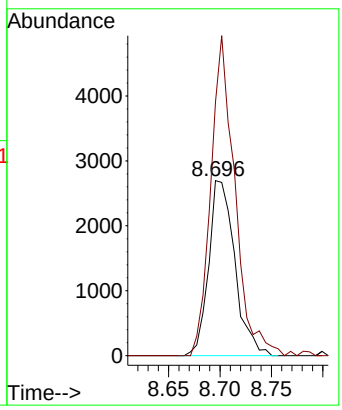




#52
Toluene
Concen: 0.934 ug/l
RT: 8.696 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 92 Resp: 476

Ion	Ratio	Lower	Upper
92	100		
91	168.7	136.1	204.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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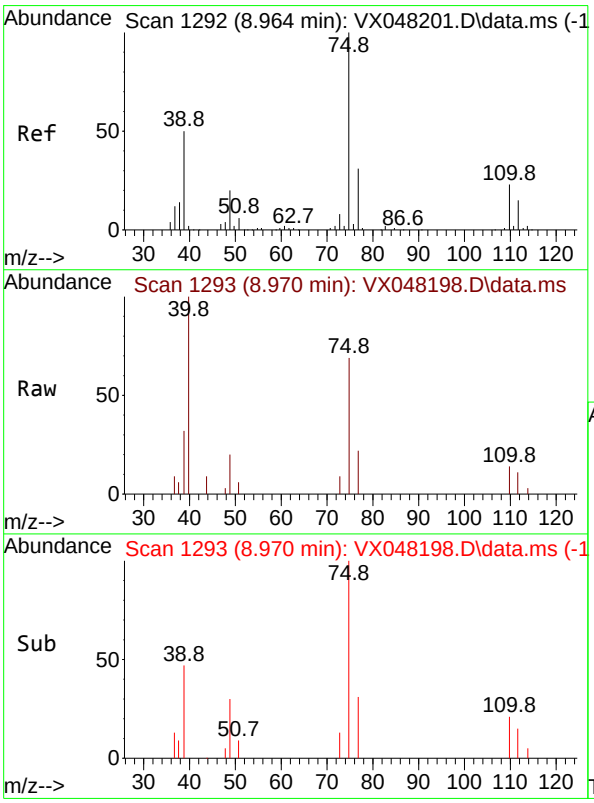
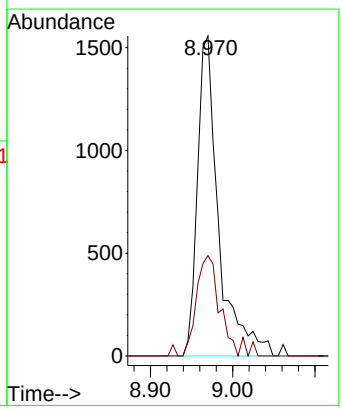
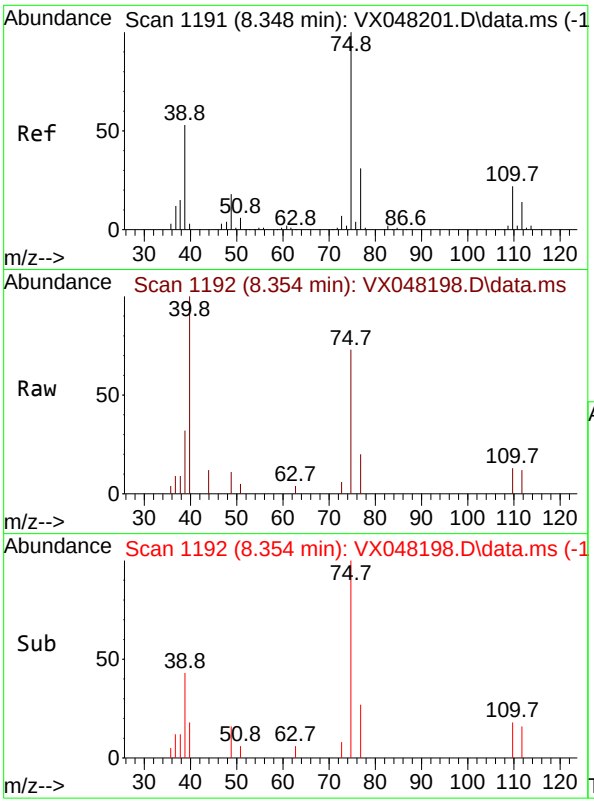


#53
t-1,3-Dichloropropene
Concen: 0.893 ug/l
RT: 8.970 min Scan# 1293
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 75 Resp: 2791

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6

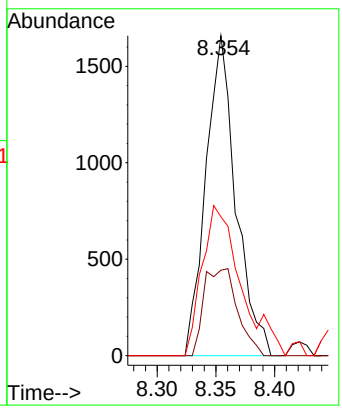




#54
cis-1,3-Dichloropropene
Concen: 0.865 ug/l
RT: 8.354 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 75 Resp: 294

Ion	Ratio	Lower	Upper
75	100		
77	26.7	24.9	37.3
39	38.9	42.6	64.0#



Instrument :
MSVOA_X
ClientSampleId :
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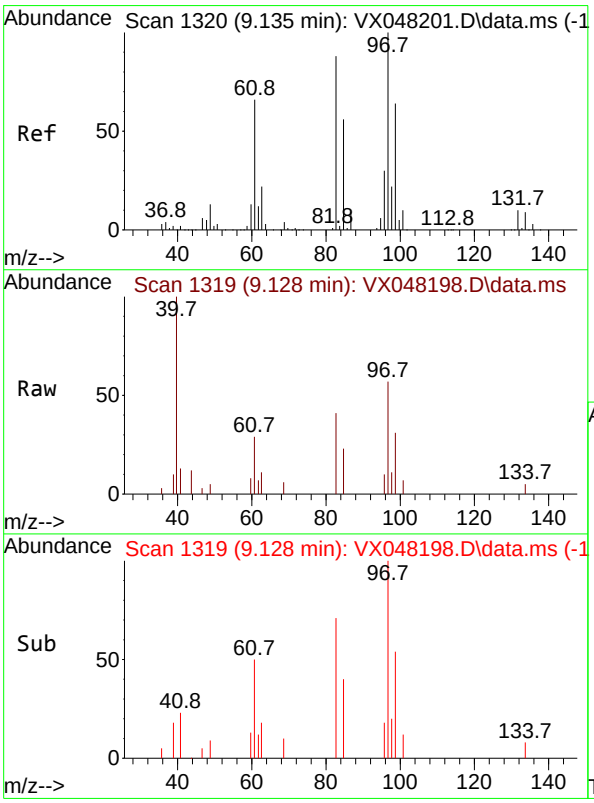
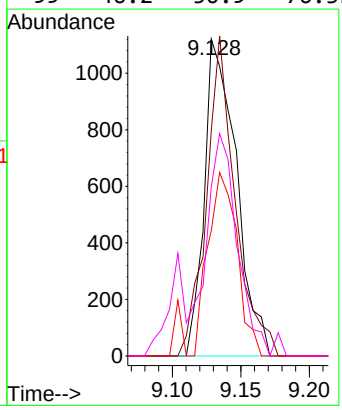
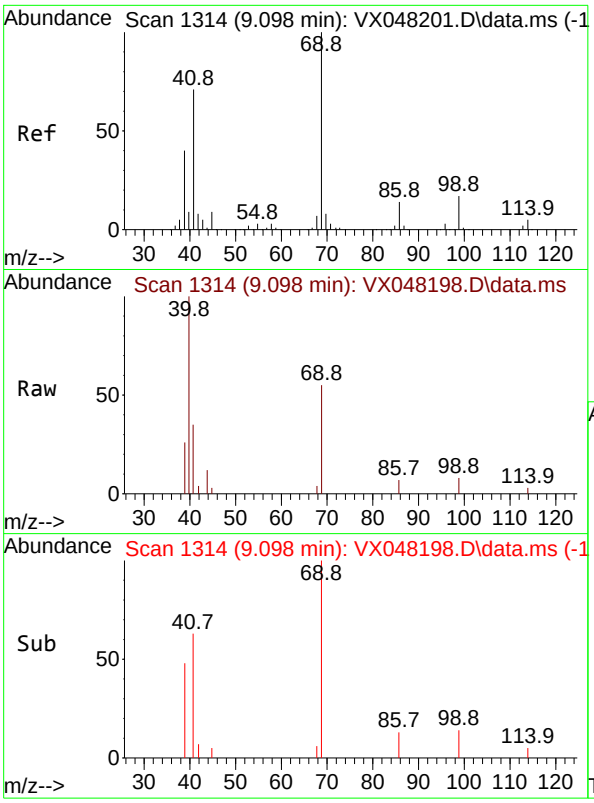


#55
1,1,2-Trichloroethane
Concen: 0.956 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 97 Resp: 1817

Ion	Ratio	Lower	Upper
97	100		
83	71.3	70.6	105.8
85	39.6	45.0	67.6#
99	46.2	50.9	76.3#

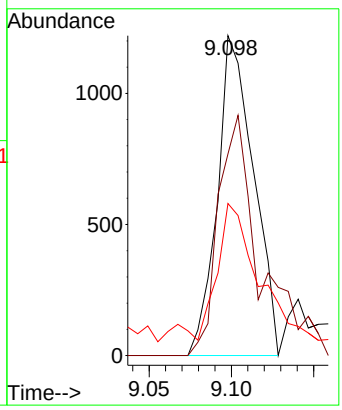




#56
Ethyl methacrylate
Concen: 0.722 ug/l
RT: 9.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 69 Resp: 186

Ion	Ratio	Lower	Upper
69	100		
41	87.1	56.0	84.0#
39	62.4	31.6	47.4#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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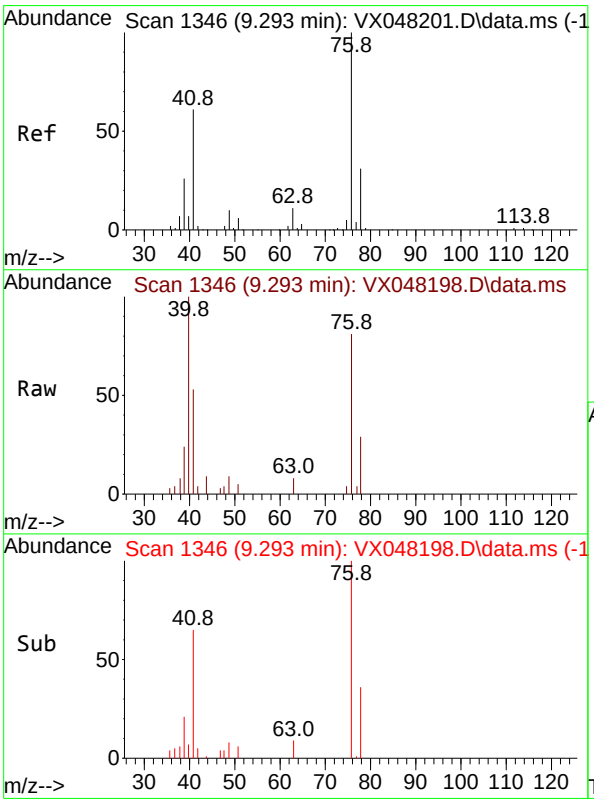
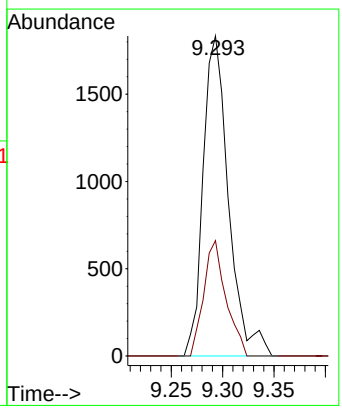
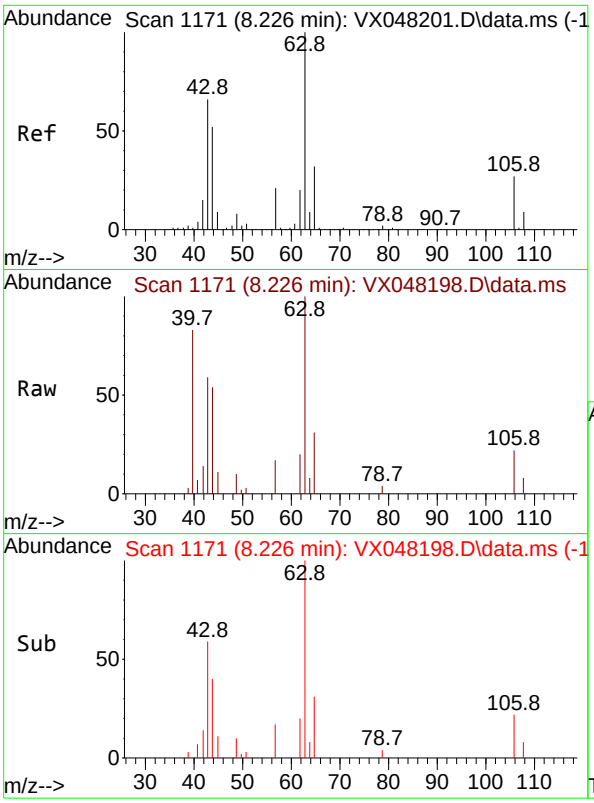


#57
1,3-Dichloropropane
Concen: 0.949 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 76 Resp: 3153

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.4	38.0

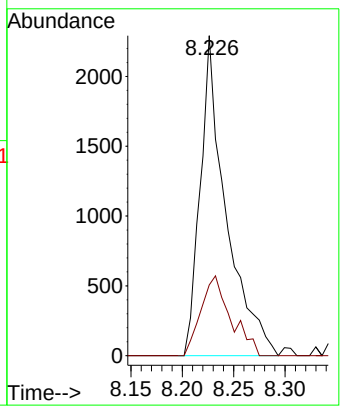




#58
2-Chloroethyl Vinyl ether
Concen: 16.697 ug/l
RT: 8.226 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 63 Resp: 400

Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.2	33.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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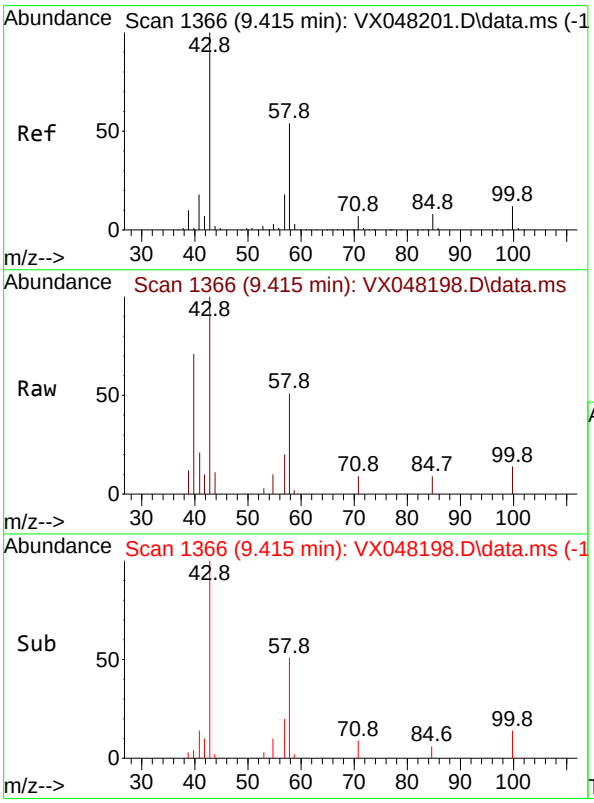
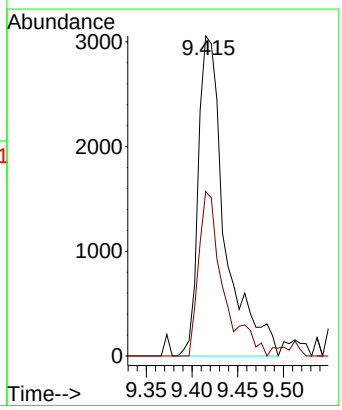
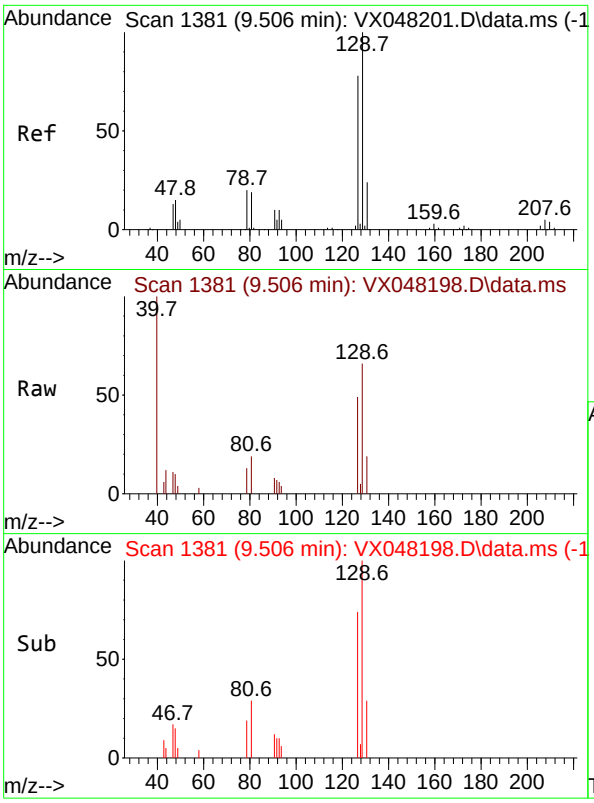


#59
2-Hexanone
Concen: 4.152 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 6190

Ion	Ratio	Lower	Upper
43	100		
58	46.9	26.3	78.8

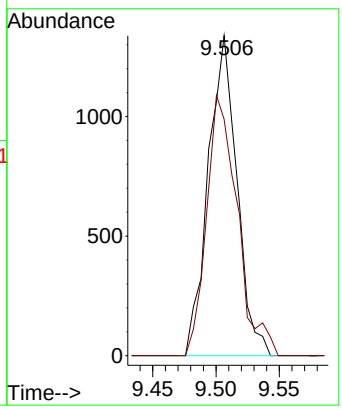




#60
Dibromochloromethane
Concen: 0.888 ug/l
RT: 9.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:129 Resp: 211

Ion	Ratio	Lower	Upper
129	100		
127	87.2	38.6	115.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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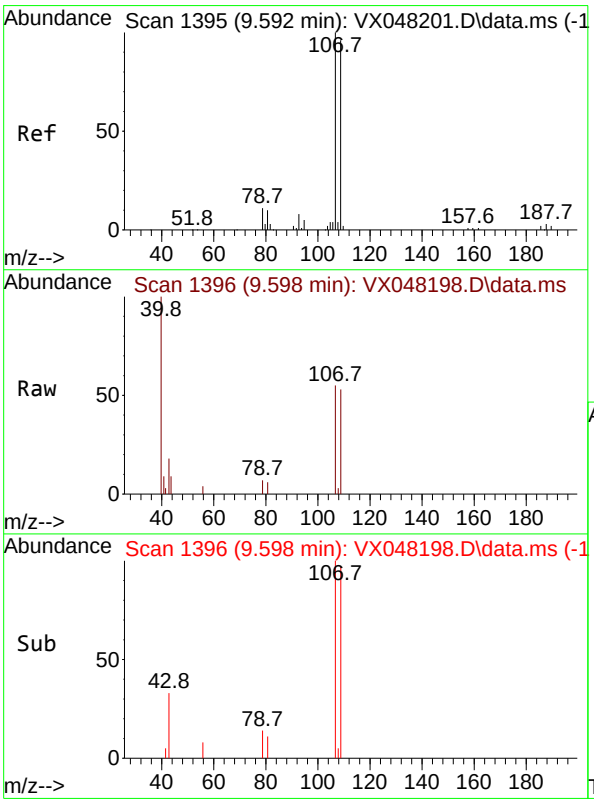
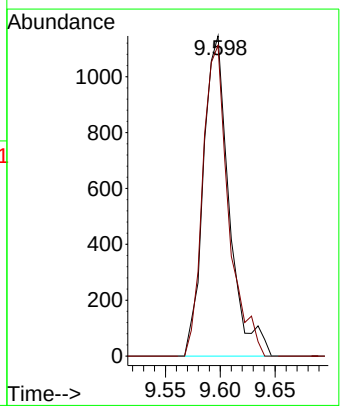
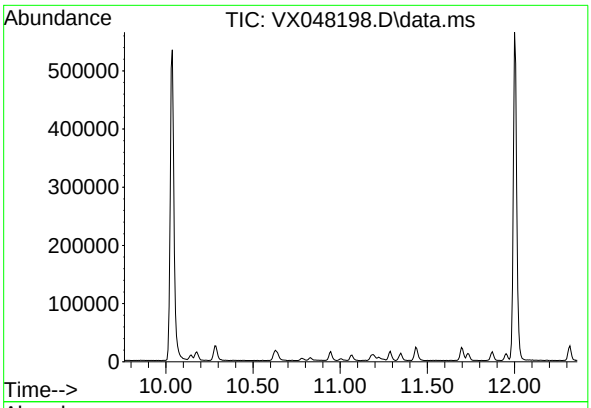


#61
1,2-Dibromoethane
Concen: 0.959 ug/l
RT: 9.598 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:107 Resp: 1870

Ion	Ratio	Lower	Upper
107	100		
109	97.4	77.0	115.4





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.06 min

Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	73.9
176	71.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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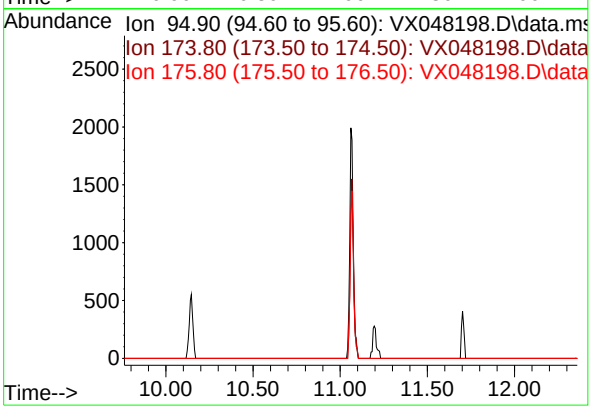
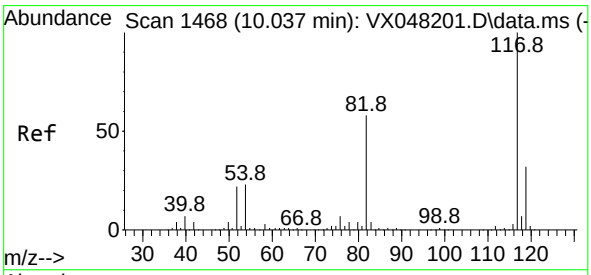
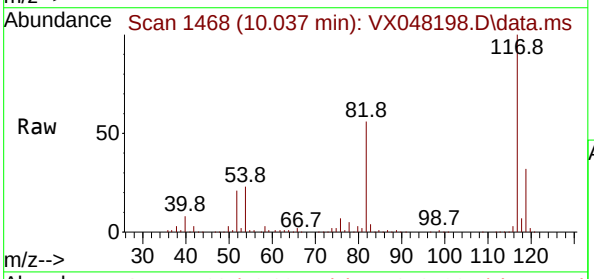
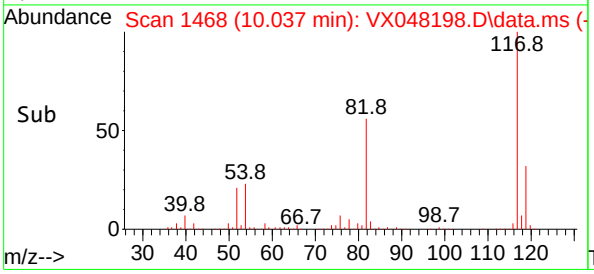




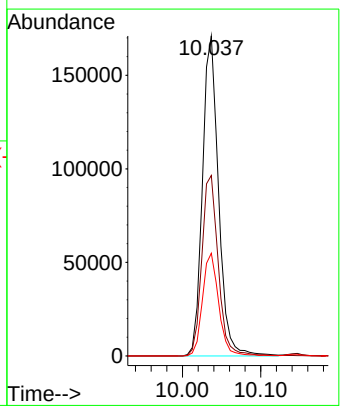


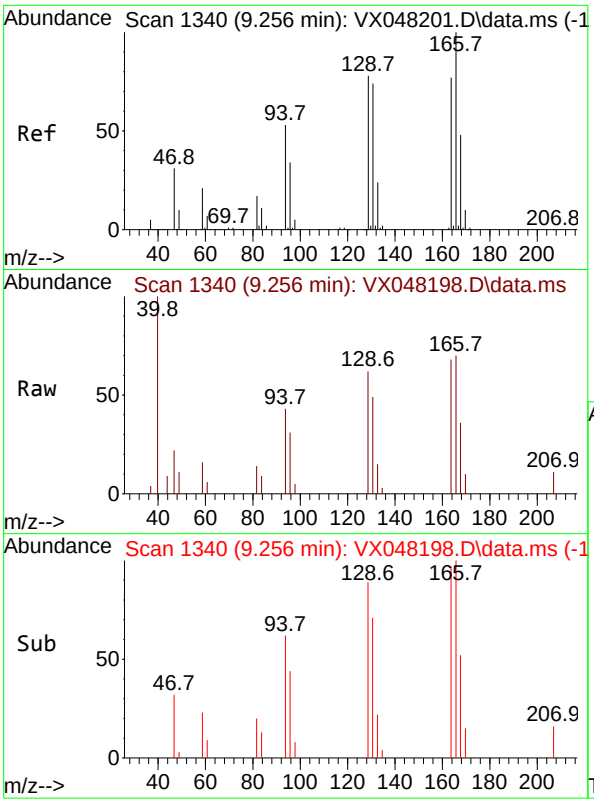


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:117 Resp: 244053

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.5	69.7
119	32.1	25.9	38.9

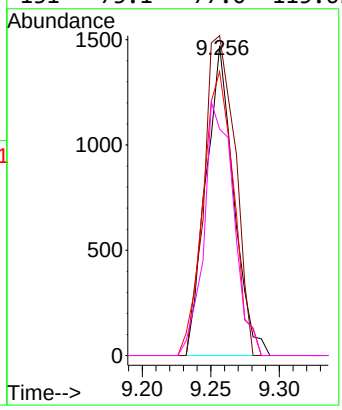




#64
Tetrachloroethene
Concen: 1.217 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:164 Resp: 208

Ion	Ratio	Lower	Upper
164	100		
166	103.3	104.5	156.7#
129	91.7	81.8	122.6
131	73.1	77.0	115.6#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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Reviewed By :John Carlone

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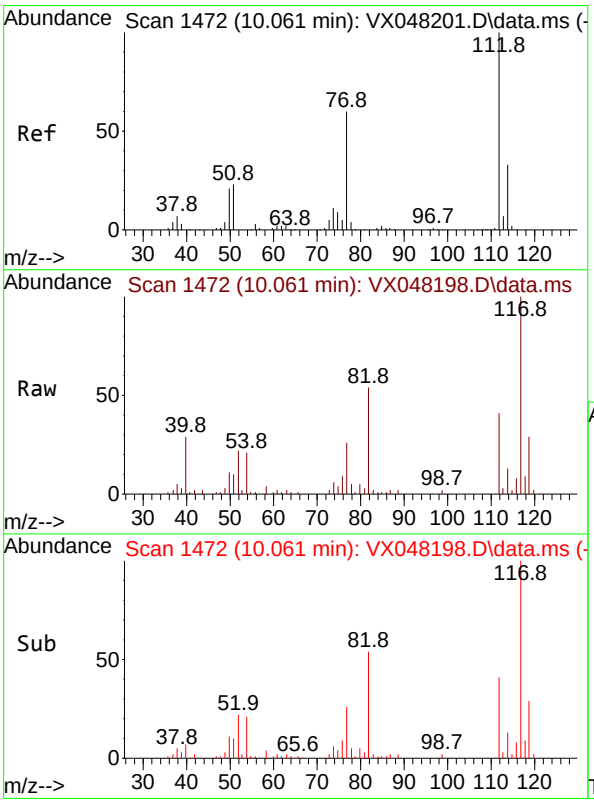
Supervised By :Mahesh Dadoda

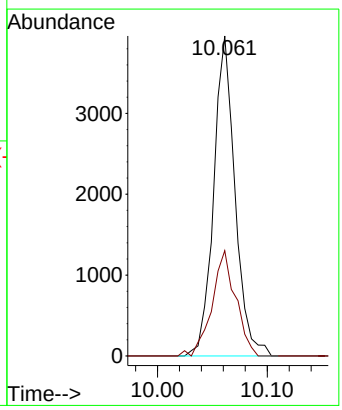
10/20/2025

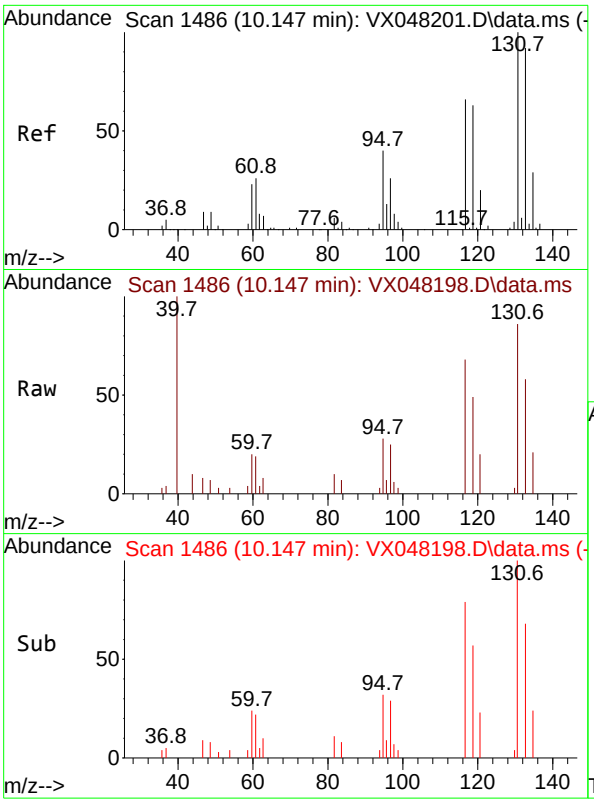


#65
Chlorobenzene
Concen: 1.005 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:112 Resp: 5363

Ion	Ratio	Lower	Upper
112	100		
114	32.9	26.2	39.2

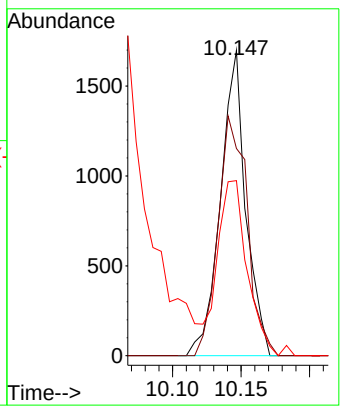




#66
1,1,1,2-Tetrachloroethane
Concen: 1.134 ug/l
RT: 10.147 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:131 Resp: 218

Ion	Ratio	Lower	Upper
131	100		
133	90.8	47.6	142.8
119	0.0	32.5	97.5#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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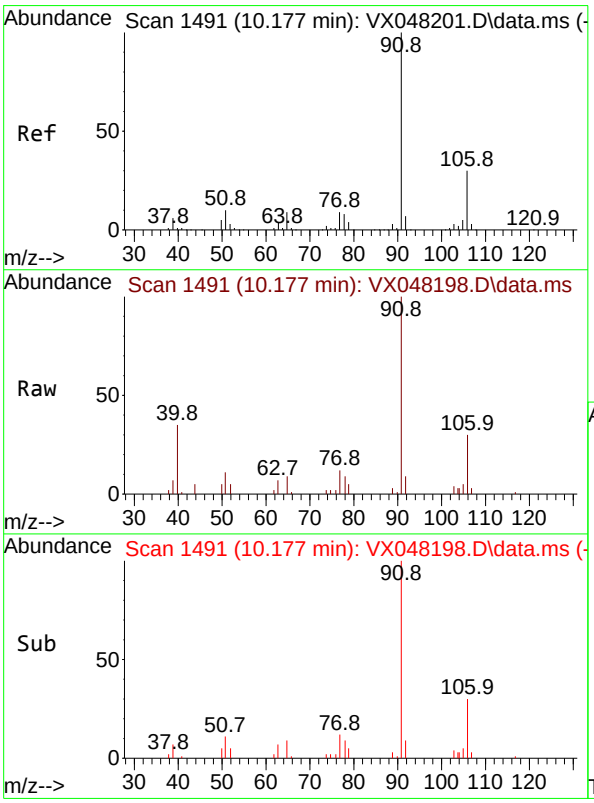
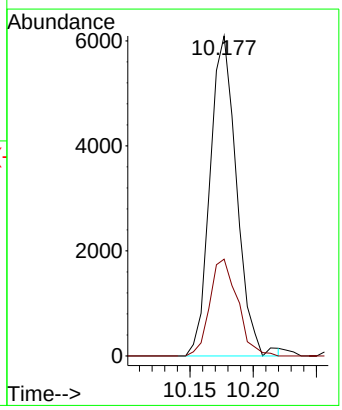
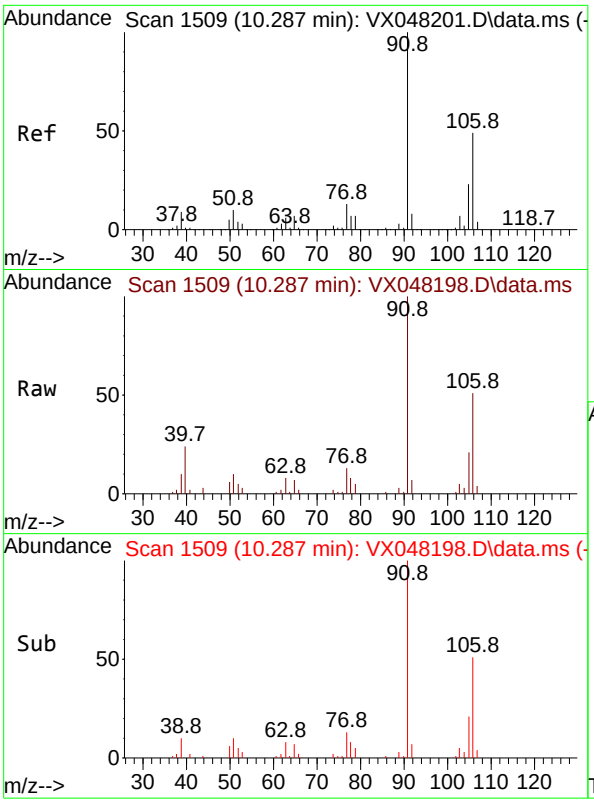


#67
Ethyl Benzene
Concen: 0.972 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 91 Resp: 8889

Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.8	35.6

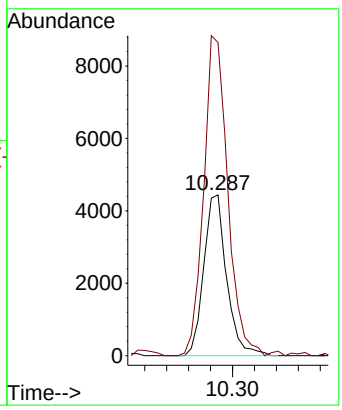




#68
m/p-Xylenes
Concen: 1.883 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:106 Resp: 641

Ion	Ratio	Lower	Upper
106	100		
91	209.6	167.9	251.9



Instrument :
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ClientSampleId :
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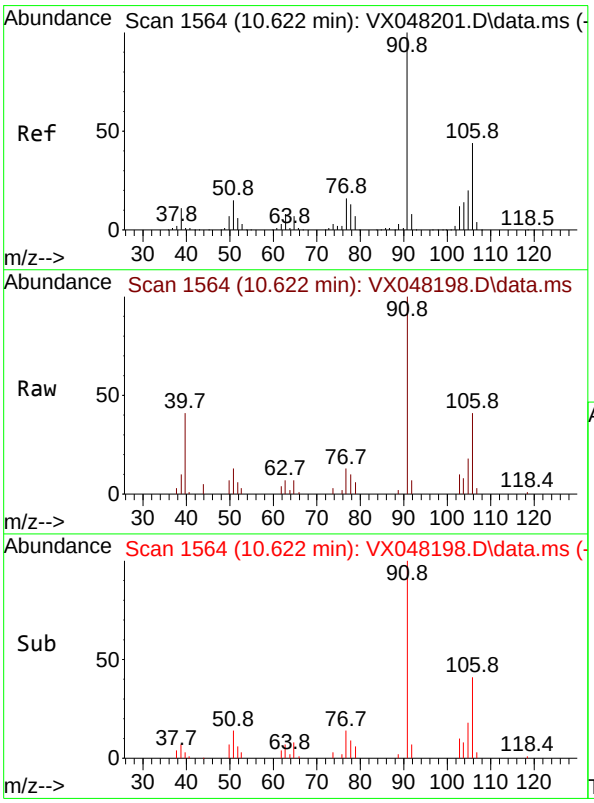
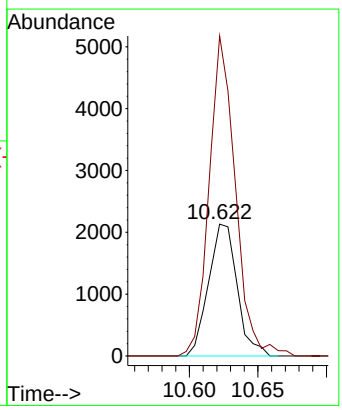
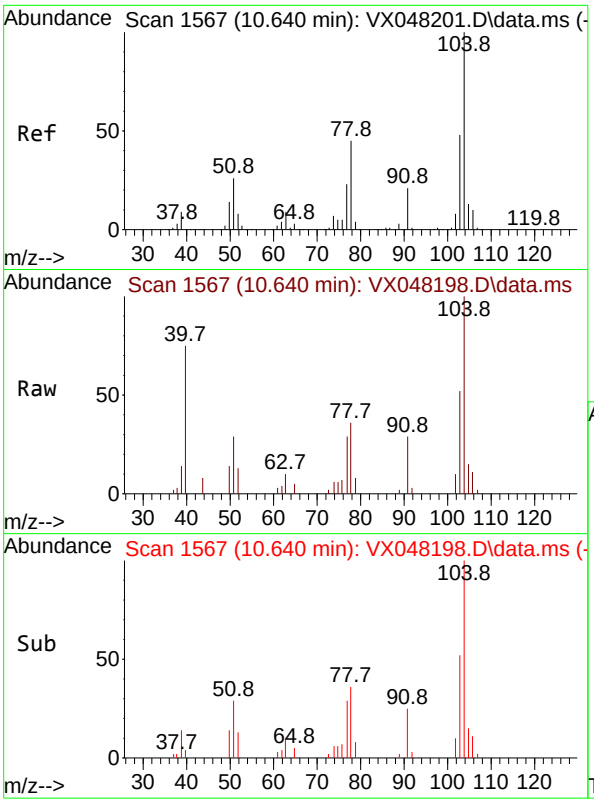


#69
o-Xylene
Concen: 0.964 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:106 Resp: 3094

Ion	Ratio	Lower	Upper
106	100		
91	222.8	111.3	333.9

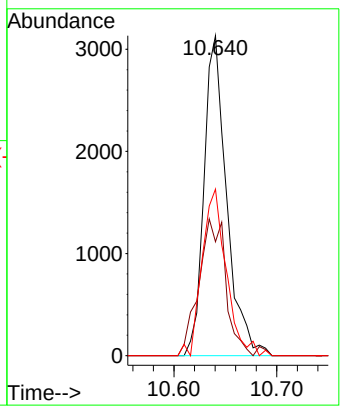




#70
Styrene
Concen: 0.871 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:104 Resp: 481

Ion	Ratio	Lower	Upper
104	100		
78	50.8	42.2	63.4
103	55.7	43.0	64.4



Instrument :
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ClientSampleId :
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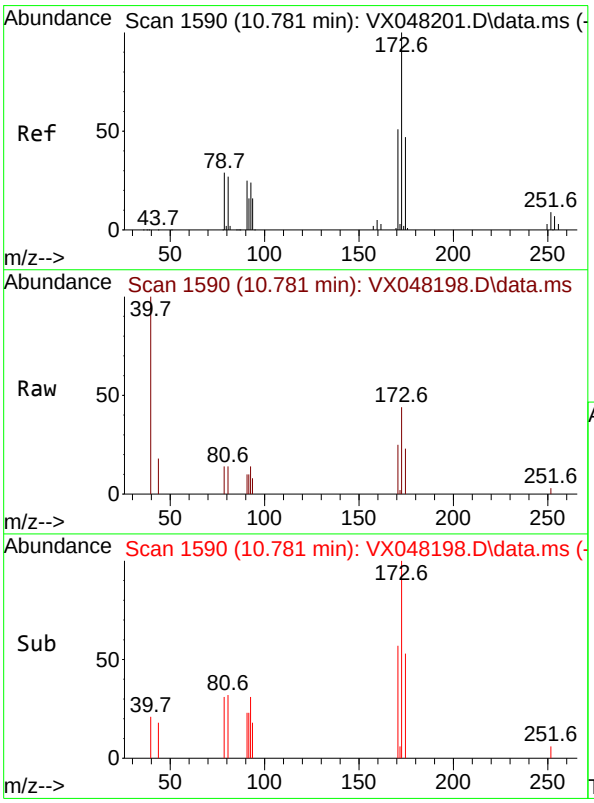
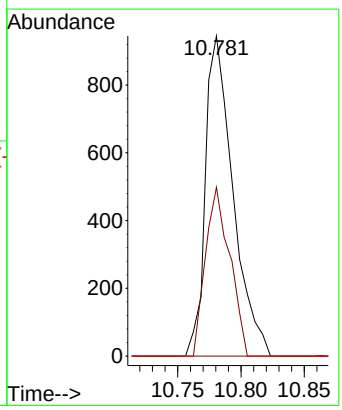
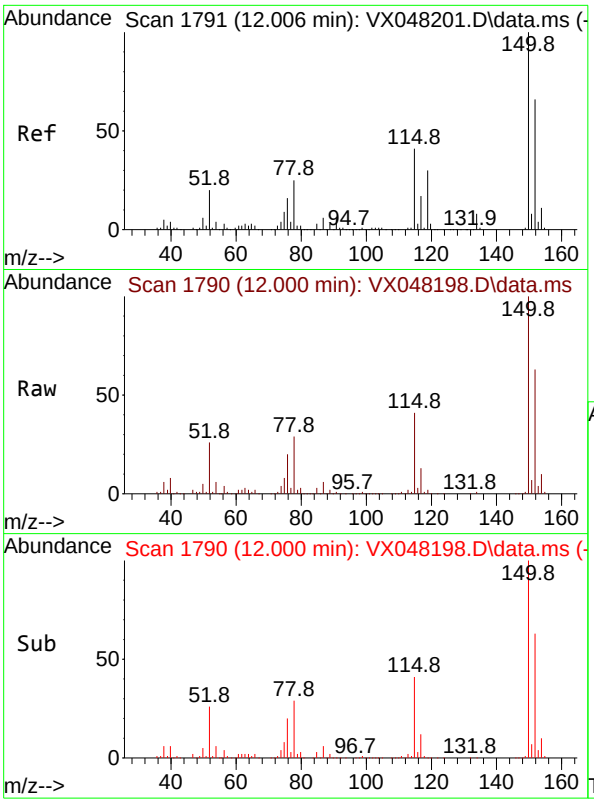


#71
Bromoform
Concen: 1.014 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:173 Resp: 1432

Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.0	72.0
254	0.0	0.0	0.0

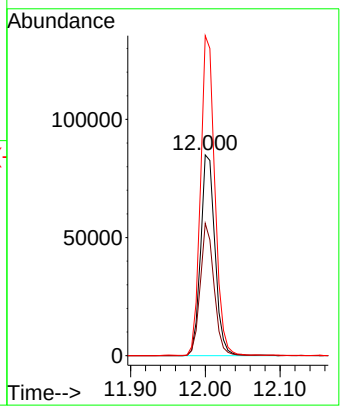




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:152 Resp: 11344

Ion	Ratio	Lower	Upper
152	100		
115	63.1	43.1	129.4
150	158.3	0.0	353.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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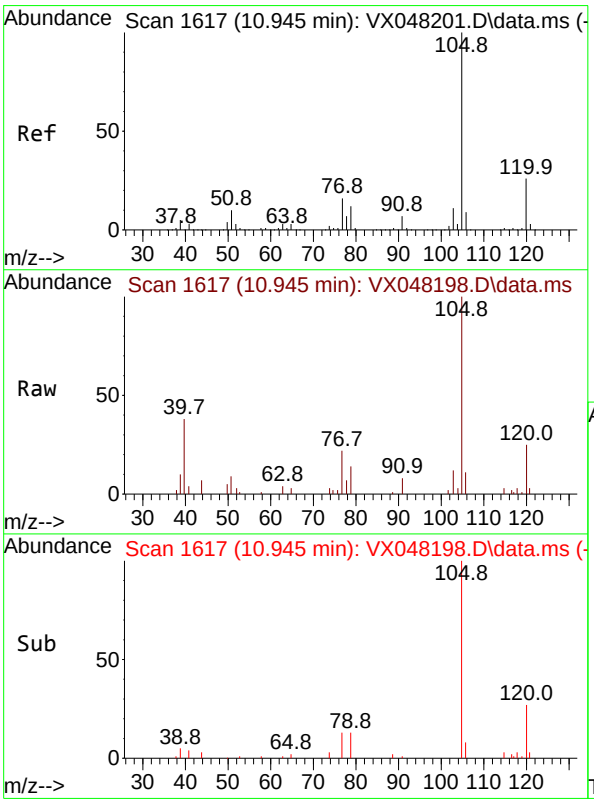
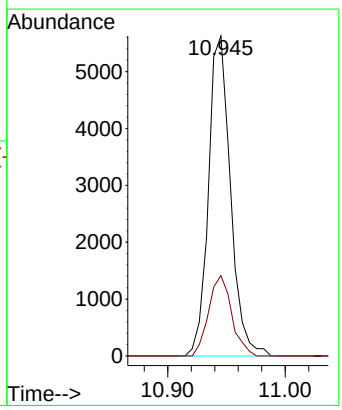
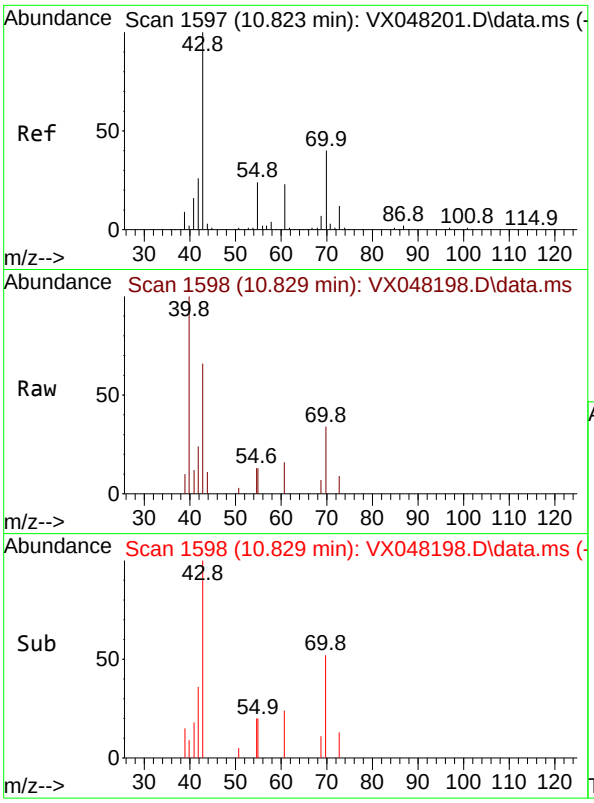


#73
Isopropylbenzene
Concen: 0.930 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:105 Resp: 7339

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.0	38.9

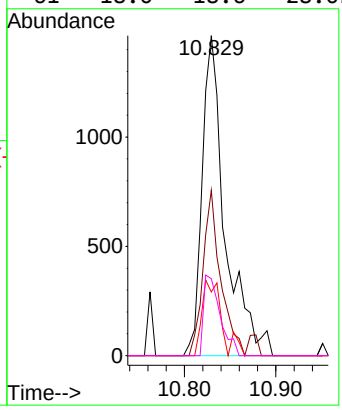




#74
N-amyl acetate
Concen: 0.867 ug/l
RT: 10.829 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 43 Resp: 255

Ion	Ratio	Lower	Upper
43	100		
70	39.6	32.2	48.2
55	17.7	19.1	28.7#
61	18.0	18.6	28.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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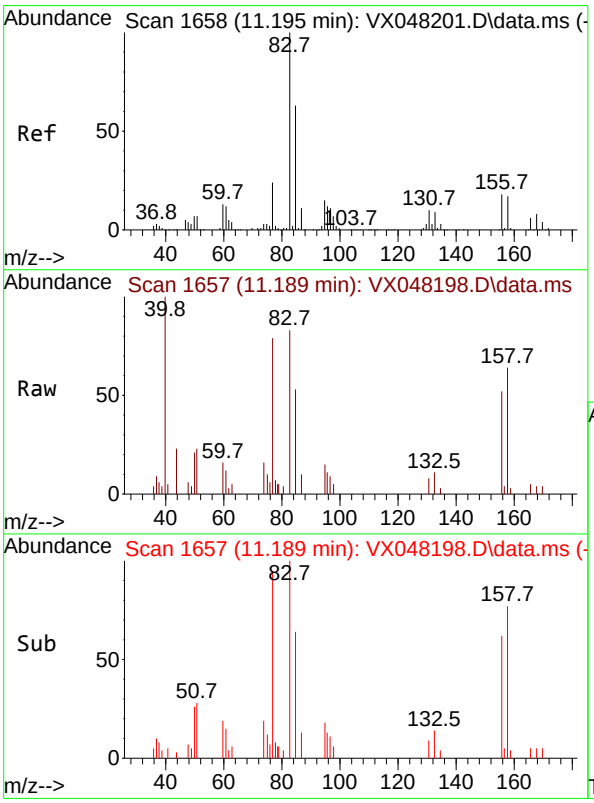
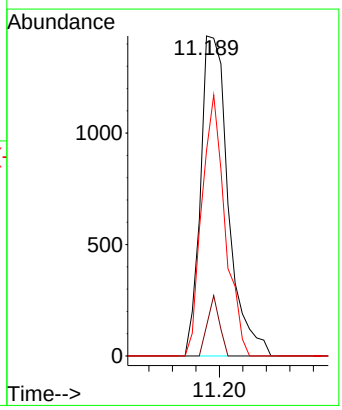
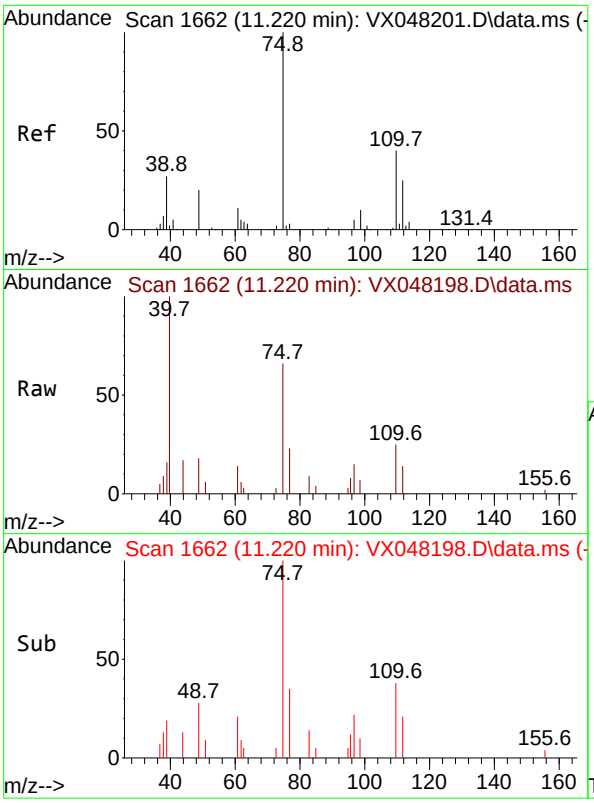


#75
1,1,2,2-Tetrachloroethane
Concen: 1.056 ug/l
RT: 11.189 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 83 Resp: 2360

Ion	Ratio	Lower	Upper
83	100		
131	8.1	4.8	14.4
85	67.8	31.9	95.7

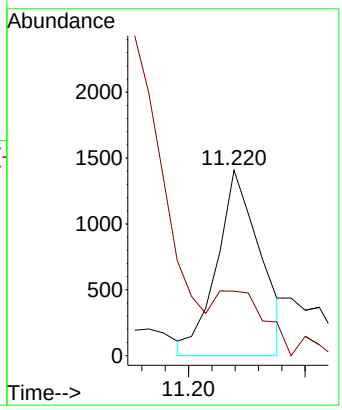




#76
1,2,3-Trichloropropane
Concen: 1.045 ug/l m
RT: 11.220 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 75 Resp: 181

Ion	Ratio	Lower	Upper
75	100		
77	44.6	22.4	67.2



Instrument :
MSVOA_X
ClientSampleId :
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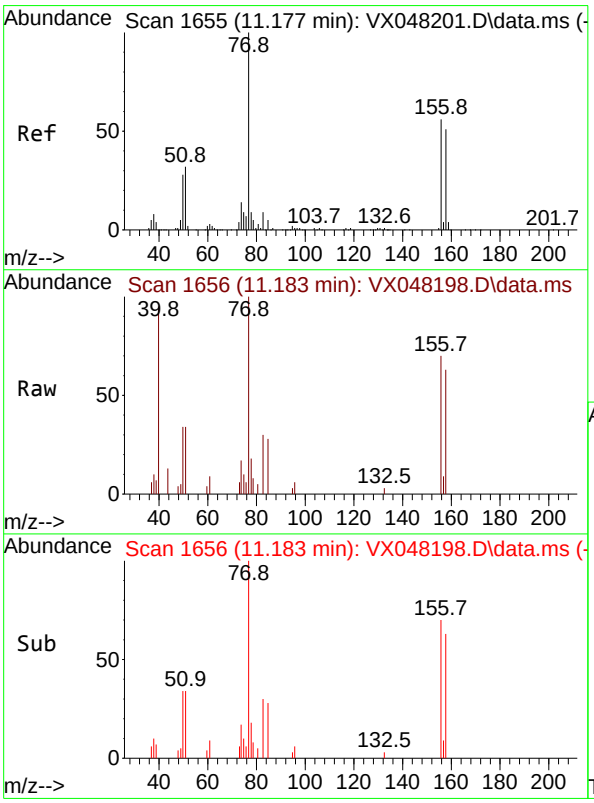
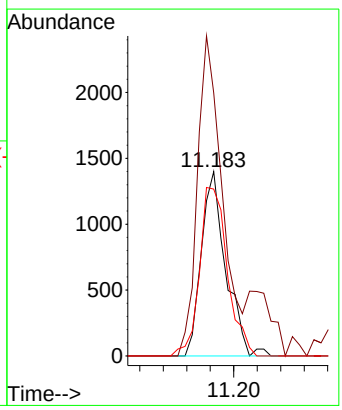
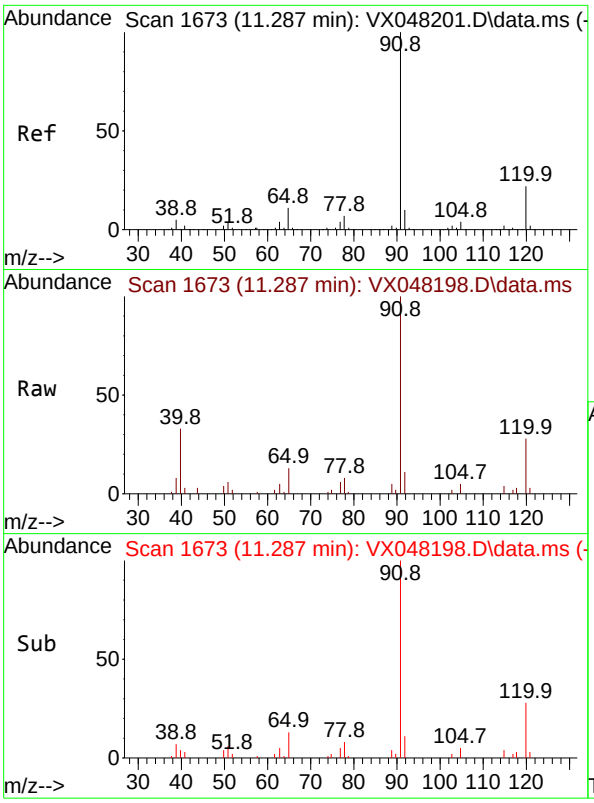


#77
Bromobenzene
Concen: 1.022 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:156 Resp: 2018

Ion	Ratio	Lower	Upper
156	100		
77	175.6	87.0	261.0
158	103.7	47.8	143.4

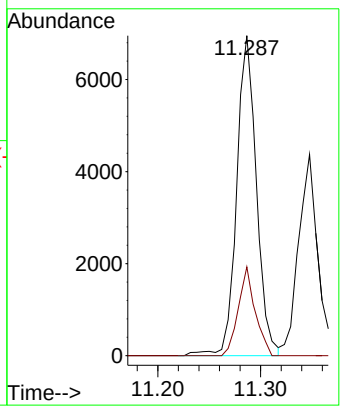




#78
n-propylbenzene
Concen: 0.972 ug/l
RT: 11.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 91 Resp: 929

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.1	33.1



Instrument :
MSVOA_X
ClientSampleId :
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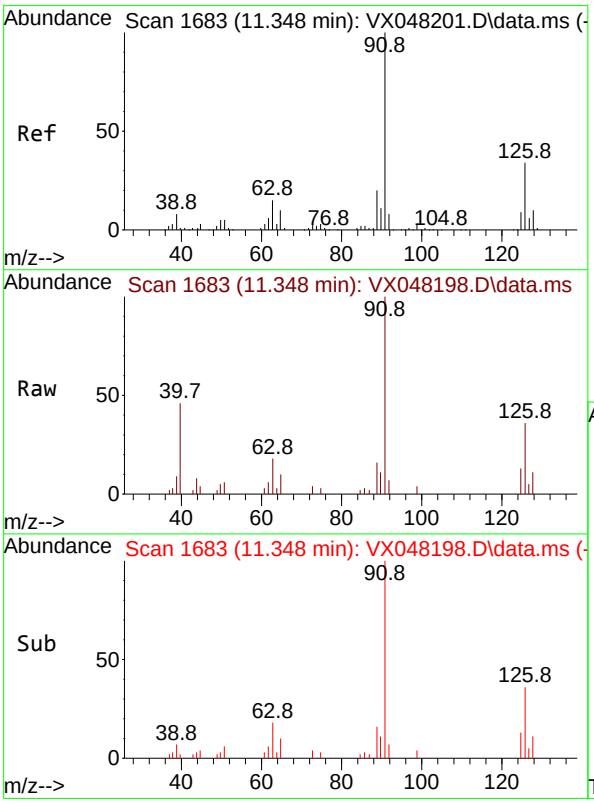
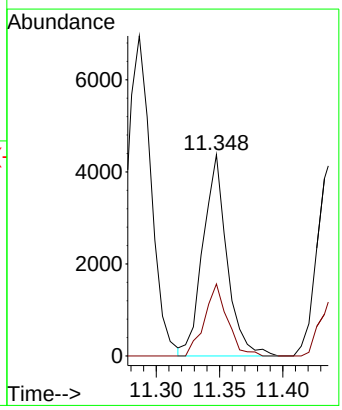
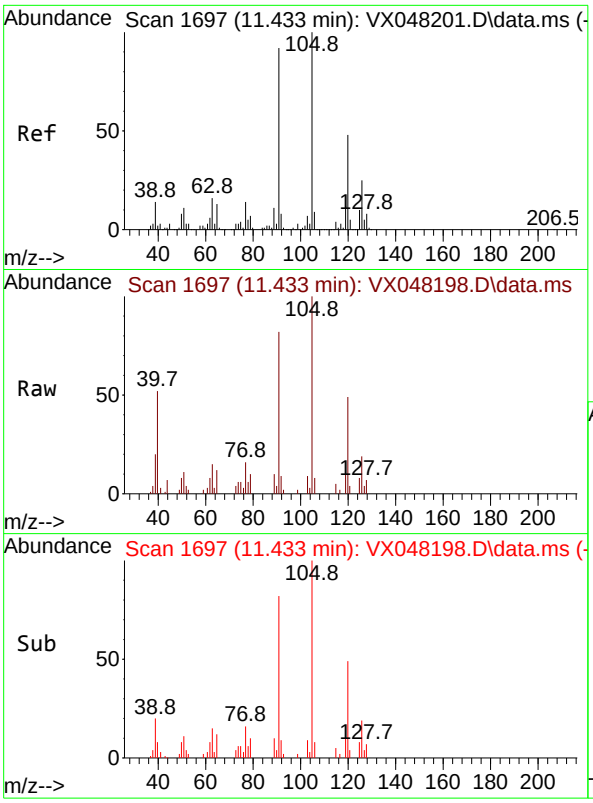


#79
2-Chlorotoluene
Concen: 1.000 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 91 Resp: 5779

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.4

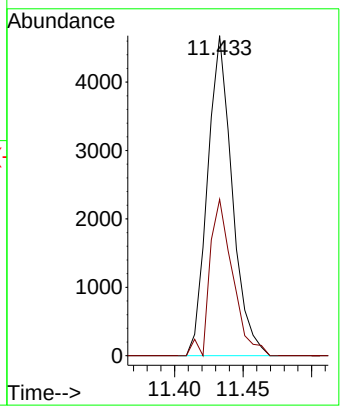




#80
1,3,5-Trimethylbenzene
Concen: 0.905 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:105 Resp: 586

Ion	Ratio	Lower	Upper
105	100		
120	45.5	24.0	72.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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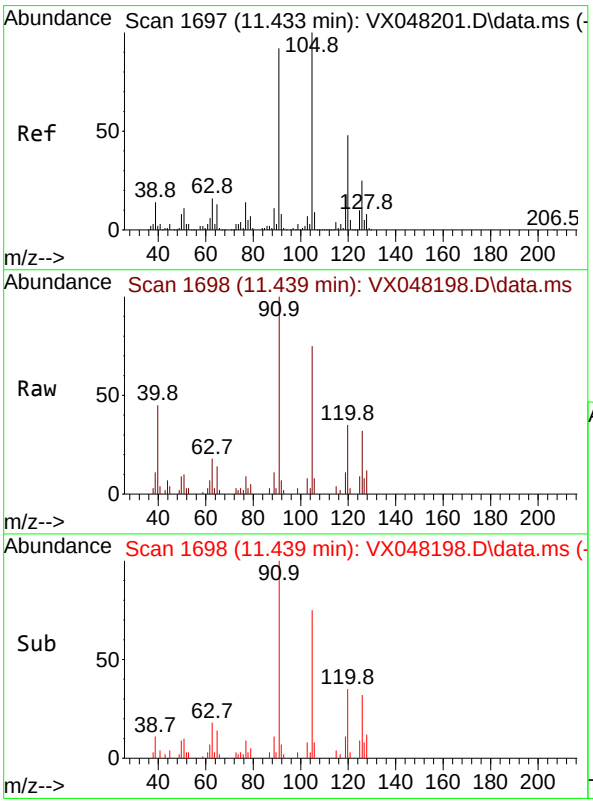
Supervised By :Mahesh Dadoda

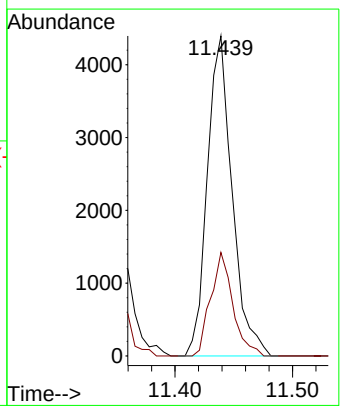
10/20/2025

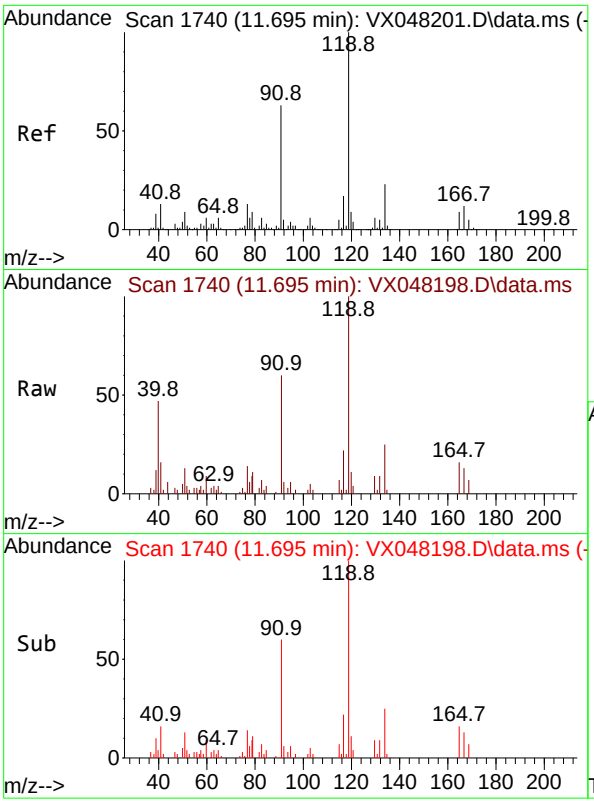


#82
4-Chlorotoluene
Concen: 0.951 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 91 Resp: 6460

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.1	42.4

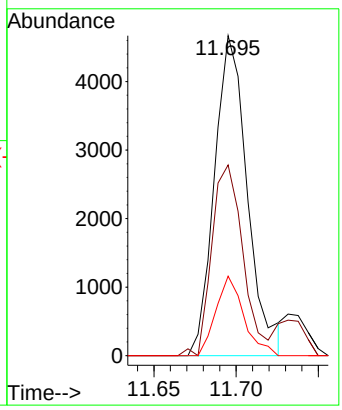




#83
tert-Butylbenzene
Concen: 0.993 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:119 Resp: 650

Ion	Ratio	Lower	Upper
119	100		
91	56.3	30.3	91.0
134	21.1	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

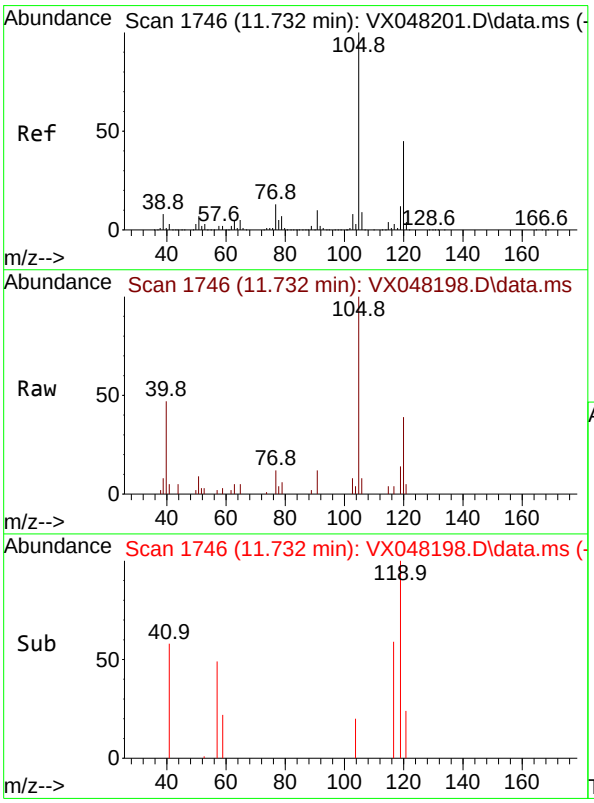
Manual Integrations APPROVED

Reviewed By :John Carlone

10/20/2025

Supervised By :Mahesh Dadoda

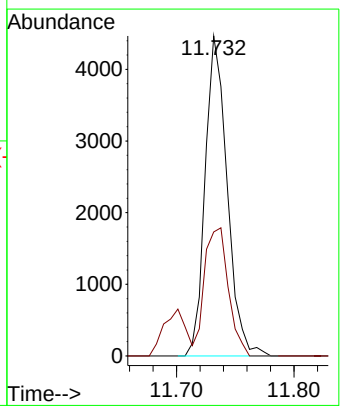
10/20/2025

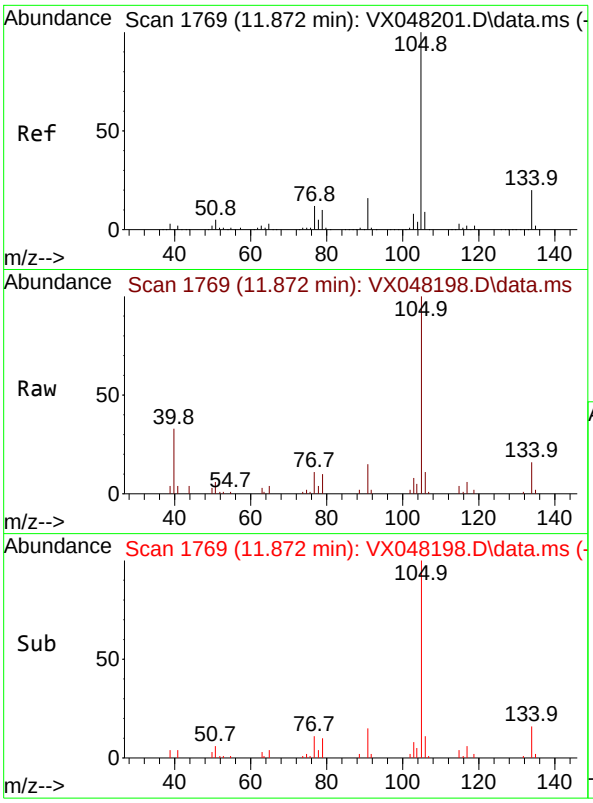


#84
1,2,4-Trimethylbenzene
Concen: 0.901 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:105 Resp: 5810

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.5

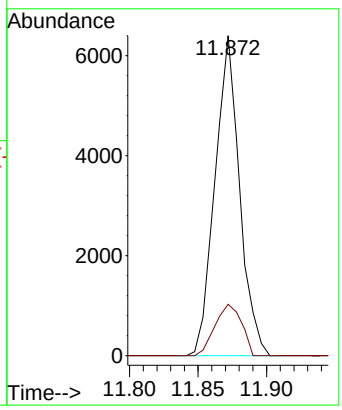




#85
sec-Butylbenzene
Concen: 0.999 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:105 Resp: 799

Ion	Ratio	Lower	Upper
105	100		
134	17.3	10.1	30.1



Instrument :
MSVOA_X
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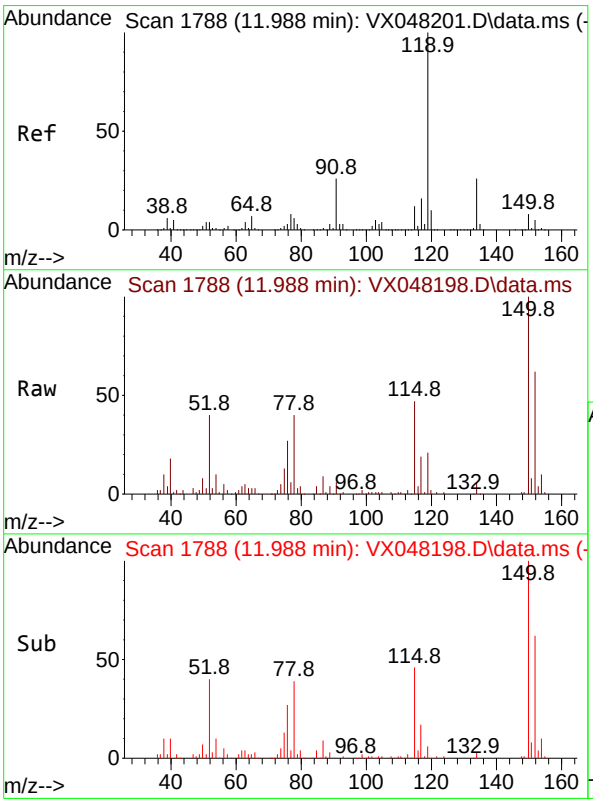
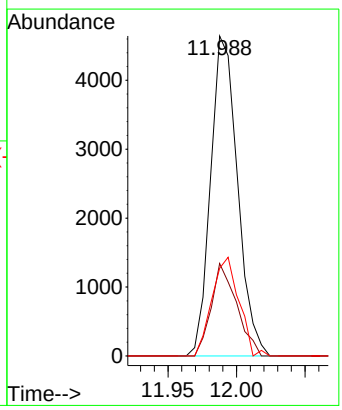
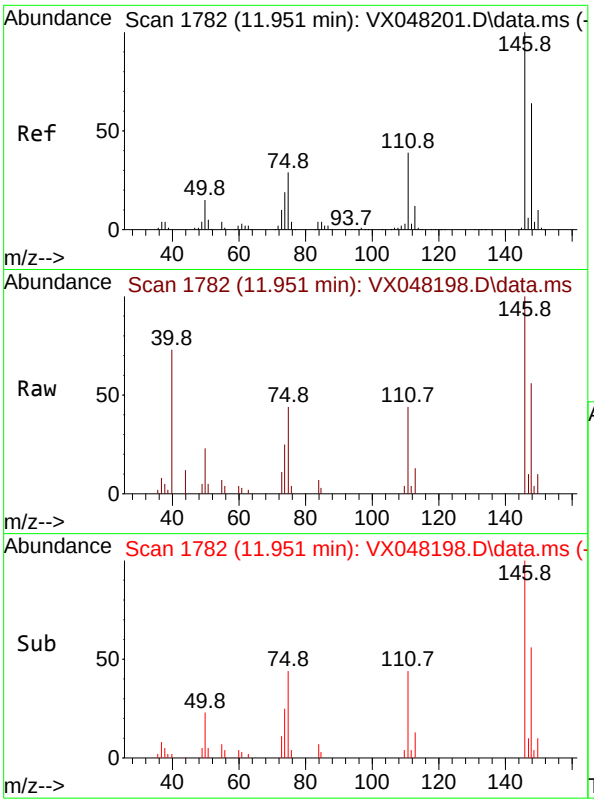


#86
p-Isopropyltoluene
Concen: 0.939 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:119 Resp: 6330

Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.0	39.0
91	30.9	12.1	36.3

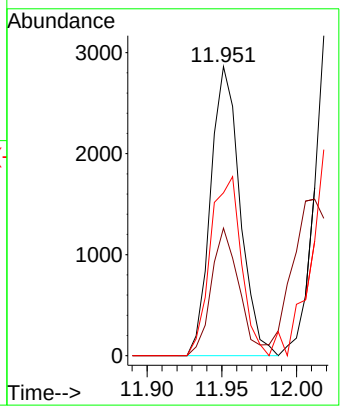




#87
1,3-Dichlorobenzene
Concen: 1.058 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:146 Resp: 390

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.2
148	65.2	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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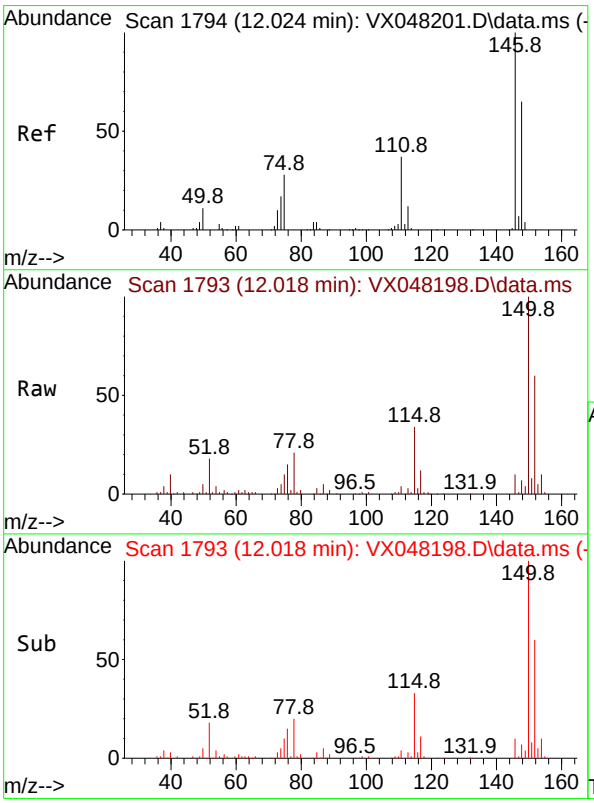
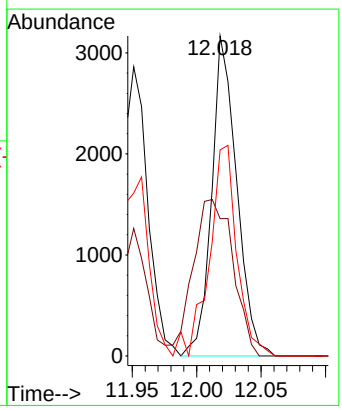
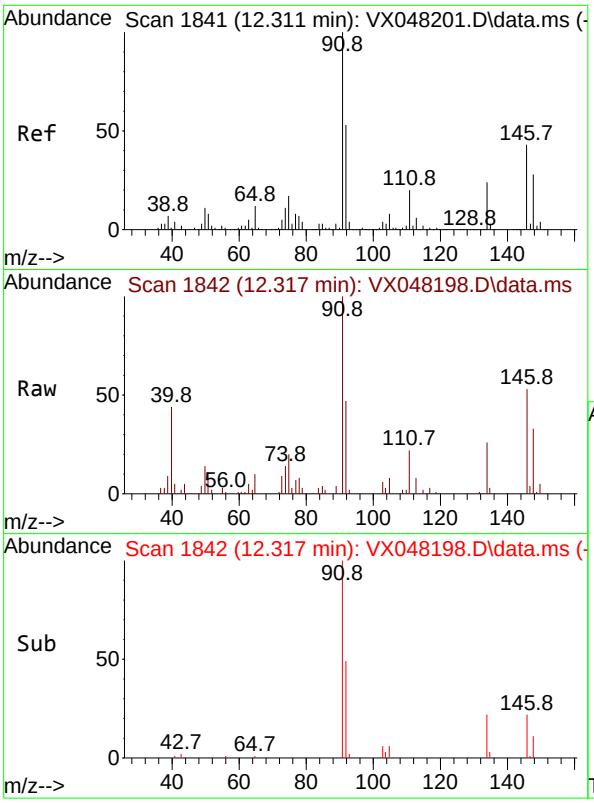


#88
1,4-Dichlorobenzene
Concen: 1.121 ug/l m
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:146 Resp: 4292

Ion	Ratio	Lower	Upper
146	100		
111	37.5	20.1	60.2
148	59.3	31.8	95.3

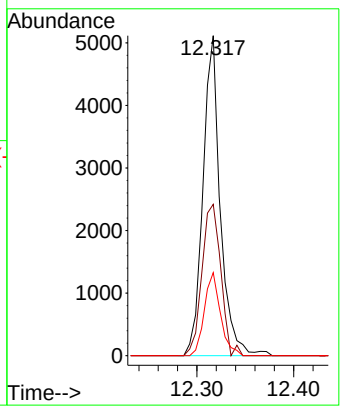




#89
n-Butylbenzene
Concen: 1.016 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 91 Resp: 638

Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.9	80.6
134	24.2	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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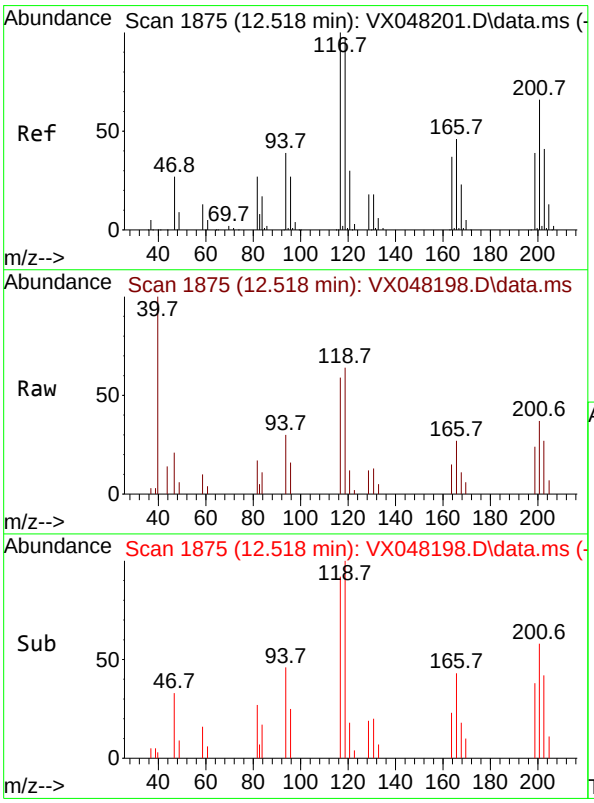
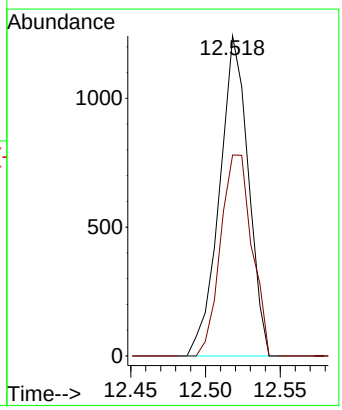
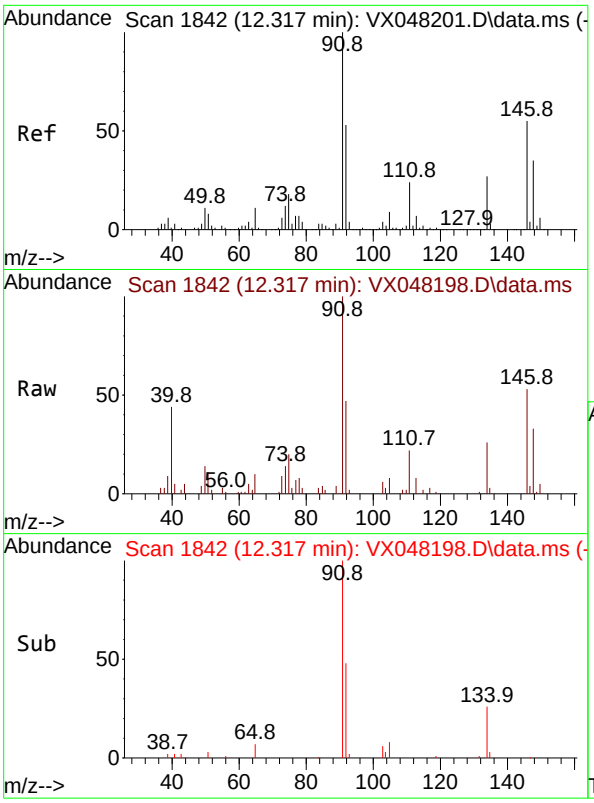


#90
Hexachloroethane
Concen: 1.171 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:117 Resp: 1666

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.1	102.2

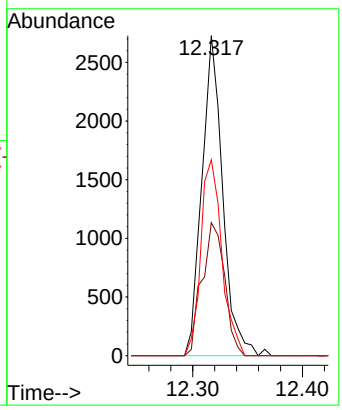




#91
1,2-Dichlorobenzene
Concen: 1.035 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:146 Resp: 361

Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.9	65.5
148	61.6	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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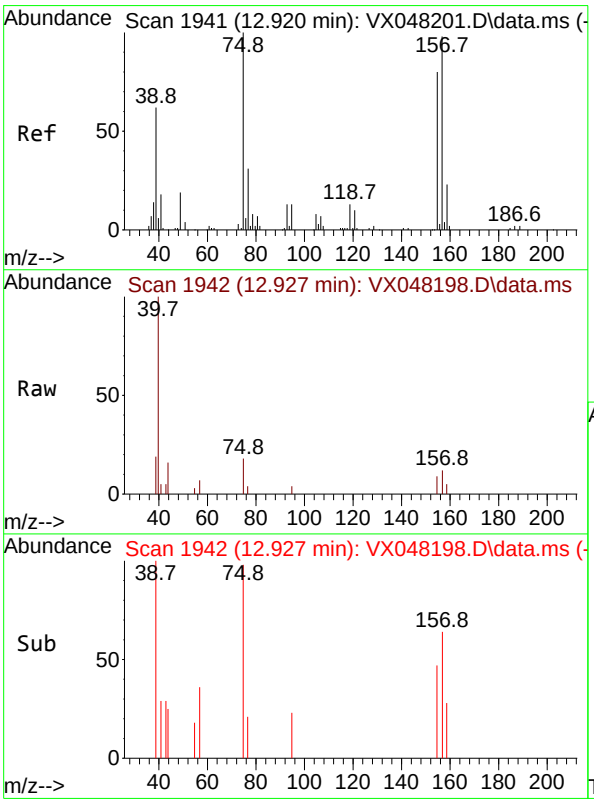
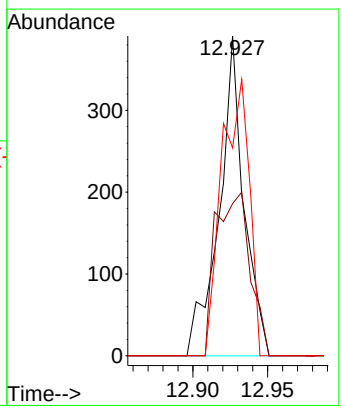
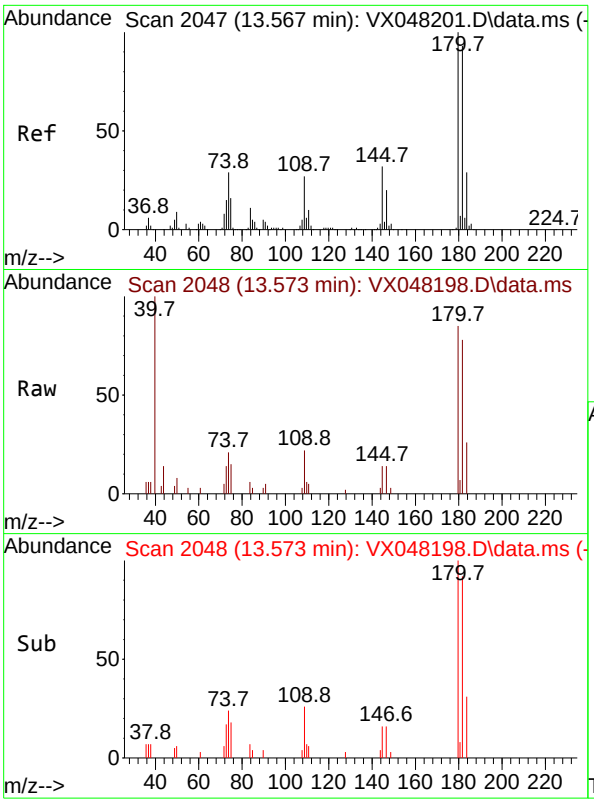


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.102 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion: 75 Resp: 450

Ion	Ratio	Lower	Upper
75	100		
155	71.1	42.8	128.4
157	96.4	54.2	162.6

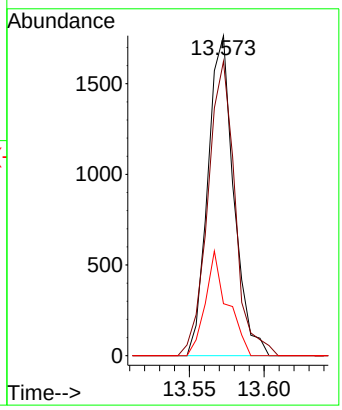




#93
1,2,4-Trichlorobenzene
Concen: 1.034 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:180 Resp: 213

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.3	142.0
145	27.8	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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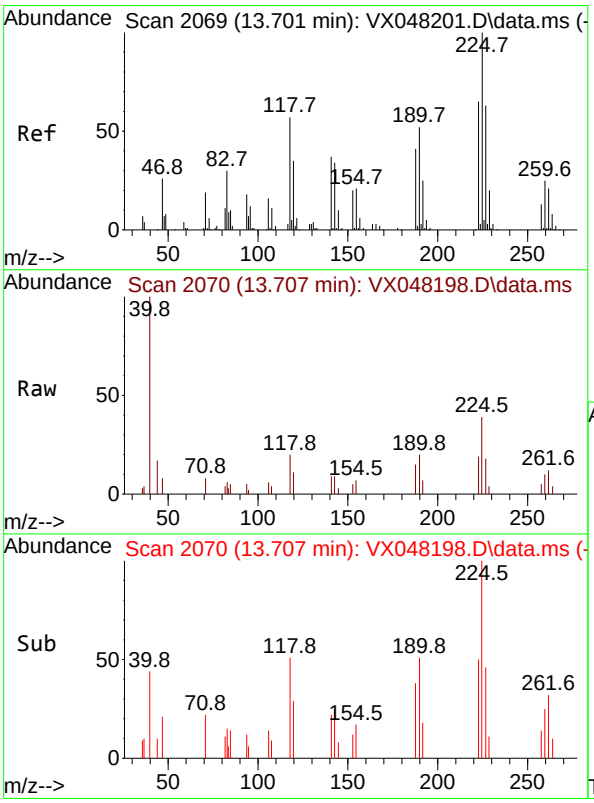
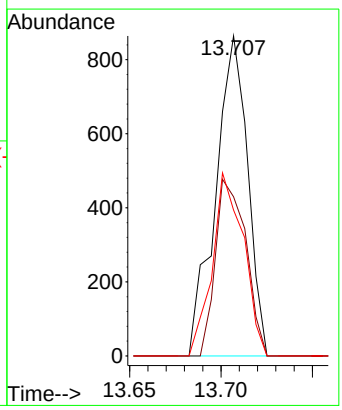
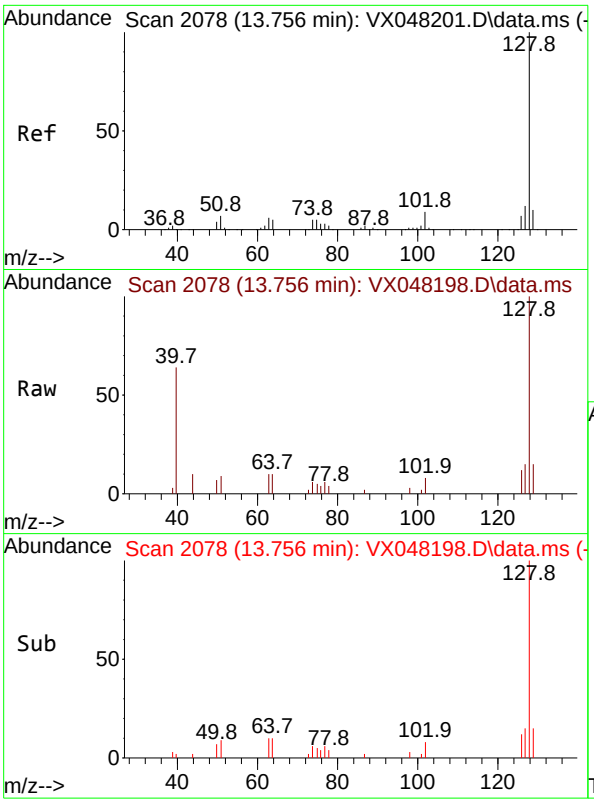


#94
Hexachlorobutadiene
Concen: 1.329 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:225 Resp: 1056

Ion	Ratio	Lower	Upper
225	100		
223	52.3	32.6	97.7
227	55.4	32.5	97.4

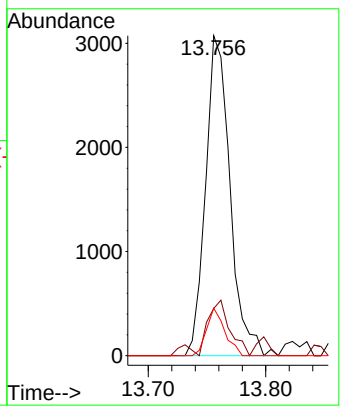




#95
Naphthalene
Concen: 0.819 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:128 Resp: 444

Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.2	15.4
129	11.1	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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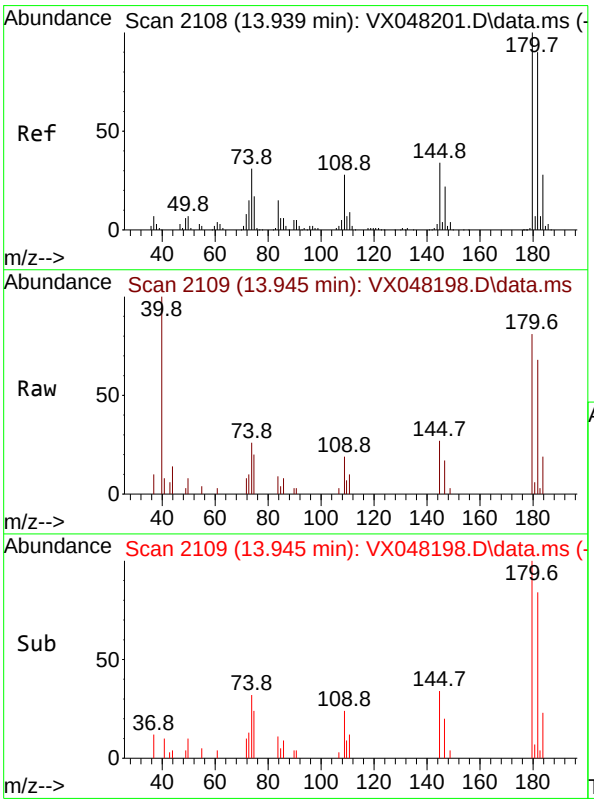
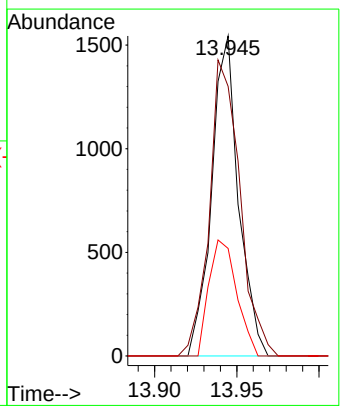


#96
1,2,3-Trichlorobenzene
Concen: 0.925 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048198.D
Acq: 17 Oct 2025 08:45

Tgt Ion:180 Resp: 1758

Ion	Ratio	Lower	Upper
180	100		
182	105.1	46.6	139.7
145	37.4	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048199.D
Acq On : 17 Oct 2025 09:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Quant Time: Oct 17 23:51:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	153745	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	263338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	239392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	119256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	13249	5.563	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.120%#		
35) Dibromofluoromethane	5.367	113	9826	5.376	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.760%#		
50) Toluene-d8	8.628	98	34534	5.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.480%#		
62) 4-Bromofluorobenzene	11.061	95	12695	5.294	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.580%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	8304	5.146	ug/l	92
3) Chloromethane	1.300	50	10833	5.542	ug/l	98
4) Vinyl Chloride	1.380	62	10844	5.264	ug/l	100
5) Bromomethane	1.617	94	7879	5.843	ug/l	99
6) Chloroethane	1.697	64	6809	5.194	ug/l	91
7) Trichlorofluoromethane	1.892	101	17111	5.292	ug/l	96
8) Diethyl Ether	2.136	74	5542	5.025	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	9388	5.153	ug/l	98
10) Methyl Iodide	2.453	142	8757	4.013	ug/l	95
11) Tert butyl alcohol	2.940	59	4406	27.879	ug/l #	84
12) 1,1-Dichloroethene	2.319	96	8872	4.980	ug/l	98
13) Acrolein	2.233	56	9166	27.597	ug/l	99
14) Allyl chloride	2.660	41	16133	5.034	ug/l	98
15) Acrylonitrile	3.056	53	18915	24.977	ug/l	98
16) Acetone	2.373	43	22063	27.154	ug/l	98
17) Carbon Disulfide	2.514	76	28679	5.232	ug/l	99
18) Methyl Acetate	2.697	43	7943	4.800	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	26175	4.878	ug/l	95
20) Methylene Chloride	2.788	84	10300	5.204	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	9196	4.989	ug/l	97
22) Diisopropyl ether	3.745	45	31321	4.991	ug/l	89
23) Vinyl Acetate	3.709	43	111285	23.718	ug/l	100
24) 1,1-Dichloroethane	3.599	63	18693	5.251	ug/l #	96
25) 2-Butanone	4.544	43	23972	25.324	ug/l	98
26) 2,2-Dichloropropane	4.465	77	15703	5.161	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	11176	5.109	ug/l	98
28) Bromochloromethane	4.879	49	8746	5.330	ug/l #	92
29) Tetrahydrofuran	4.989	42	13689	24.625	ug/l	97
30) Chloroform	5.074	83	20456	5.458	ug/l	98
31) Cyclohexane	5.458	56	15324	5.261	ug/l #	84
32) 1,1,1-Trichloroethane	5.361	97	16546	5.373	ug/l	97
36) 1,1-Dichloropropene	5.678	75	13452	5.225	ug/l	99
37) Ethyl Acetate	4.702	43	9417	4.577	ug/l	98
38) Carbon Tetrachloride	5.653	117	15616	5.284	ug/l	91
39) Methylcyclohexane	7.360	83	14758	5.084	ug/l	94
40) Benzene	6.019	78	39795	5.205	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048199.D
Acq On : 17 Oct 2025 09:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 17 23:51:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.903	41	5290	4.801	ug/l	#	87
42) 1,2-Dichloroethane	6.068	62	14854	5.423	ug/l		98
43) Isopropyl Acetate	6.318	43	16504	4.778	ug/l		100
44) Trichloroethene	7.110	130	9855	5.115	ug/l		92
45) 1,2-Dichloropropane	7.409	63	9944	5.139	ug/l	#	87
46) Dibromomethane	7.562	93	7243	5.203	ug/l		97
47) Bromodichloromethane	7.805	83	15851	5.268	ug/l		91
48) Methyl methacrylate	7.677	41	8414	4.759	ug/l		93
49) 1,4-Dioxane	7.647	88	1603	100.719	ug/l	#	71
51) 4-Methyl-2-Pentanone	8.555	43	46666	24.280	ug/l		97
52) Toluene	8.702	92	23020	5.010	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	13526	4.799	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	15513	5.049	ug/l	#	73
55) 1,1,2-Trichloroethane	9.134	97	9082	5.297	ug/l		96
56) Ethyl methacrylate	9.098	69	10795	4.629	ug/l		98
57) 1,3-Dichloropropane	9.287	76	15679	5.234	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	24721	30.551	ug/l		99
59) 2-Hexanone	9.415	43	33559	24.963	ug/l		97
60) Dibromochloromethane	9.500	129	11485	5.352	ug/l		98
61) 1,2-Dibromoethane	9.592	107	8947	5.089	ug/l		98
64) Tetrachloroethene	9.256	164	8068	4.807	ug/l		97
65) Chlorobenzene	10.061	112	26648	5.091	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.146	131	9358	4.961	ug/l		98
67) Ethyl Benzene	10.177	91	44215	4.927	ug/l		96
68) m/p-Xylenes	10.281	106	32891	9.839	ug/l		98
69) o-Xylene	10.622	106	14730	4.681	ug/l		100
70) Styrene	10.640	104	25526	4.712	ug/l		97
71) Bromoform	10.780	173	7113	5.135	ug/l	#	98
73) Isopropylbenzene	10.945	105	39744	4.792	ug/l		99
74) N-amyl acetate	10.823	43	13847	4.475	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	11275	4.798	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	8543m	4.691	ug/l		
77) Bromobenzene	11.177	156	10069	4.851	ug/l		99
78) n-propylbenzene	11.286	91	47678	4.740	ug/l		100
79) 2-Chlorotoluene	11.347	91	30248	4.977	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	32573	4.784	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	2894	3.891	ug/l		85
82) 4-Chlorotoluene	11.433	91	34843	4.879	ug/l		99
83) tert-Butylbenzene	11.695	119	32713	4.756	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	31779	4.687	ug/l		97
85) sec-Butylbenzene	11.872	105	40171	4.777	ug/l		100
86) p-Isopropyltoluene	11.988	119	35118	4.954	ug/l		97
87) 1,3-Dichlorobenzene	11.951	146	18693	4.816	ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	20013	4.974	ug/l		91
89) n-Butylbenzene	12.311	91	31086	4.709	ug/l		98
90) Hexachloroethane	12.518	117	7333	4.902	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	17793	4.851	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	1930	4.495	ug/l		88
93) 1,2,4-Trichlorobenzene	13.567	180	9498	4.387	ug/l		100
94) Hexachlorobutadiene	13.707	225	3694	4.424	ug/l		94
95) Naphthalene	13.756	128	22221	3.894	ug/l		99
96) 1,2,3-Trichlorobenzene	13.945	180	9039	4.525	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048199.D
Acq On : 17 Oct 2025 09:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Quant Time: Oct 17 23:51:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048199.D
Acq On : 17 Oct 2025 09:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 17 23:51:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
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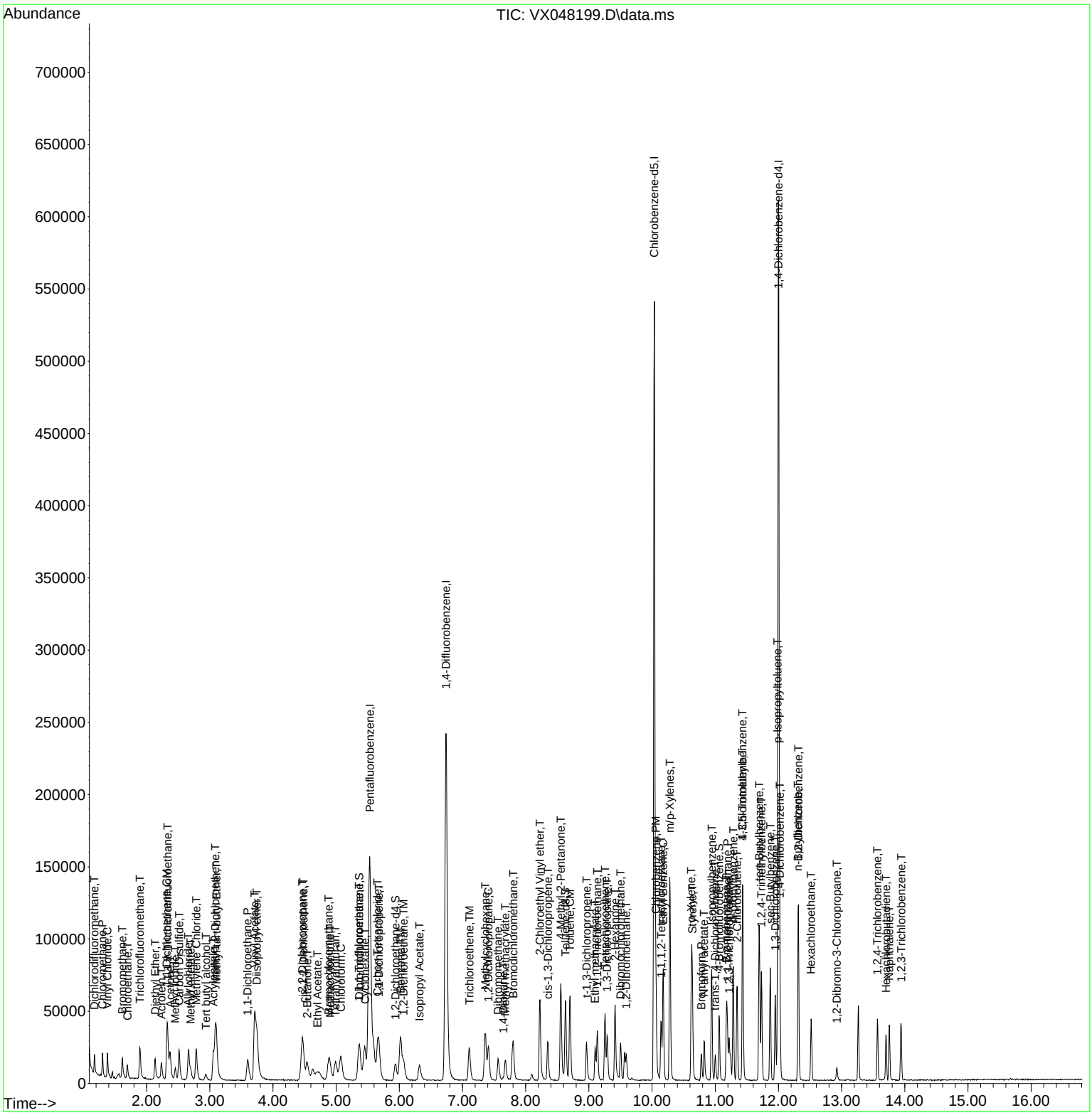
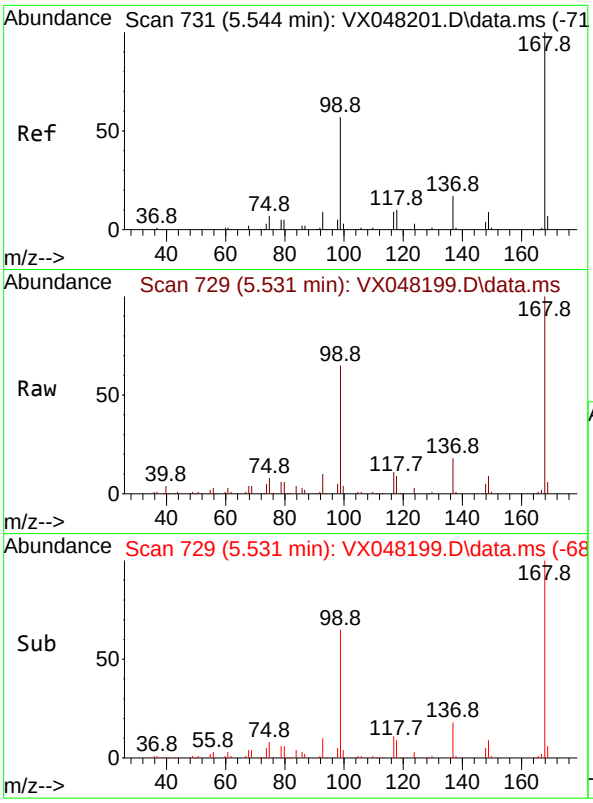
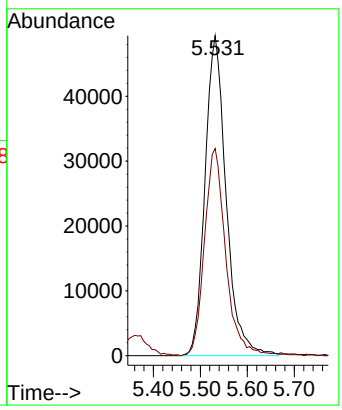




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:168 Resp: 15374

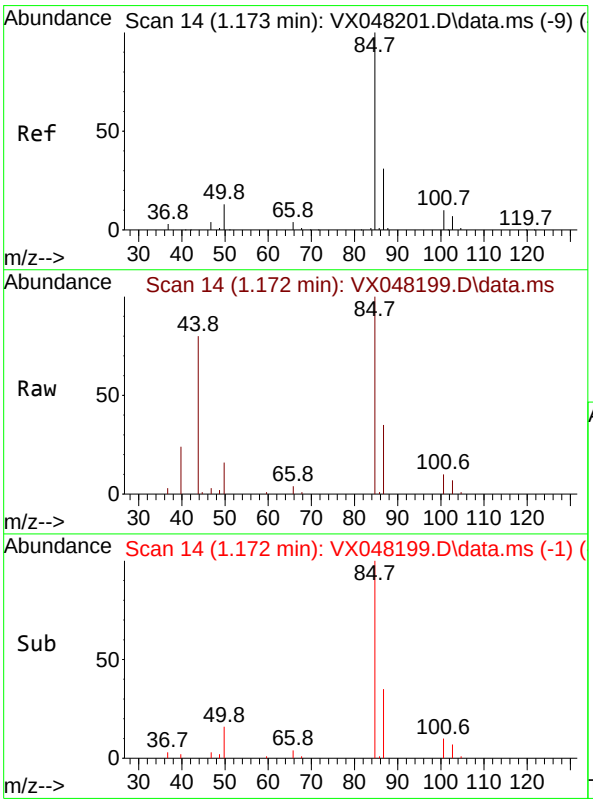
Ion	Ratio	Lower	Upper
168	100		
99	64.5	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

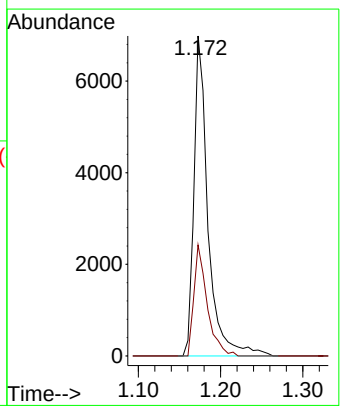
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

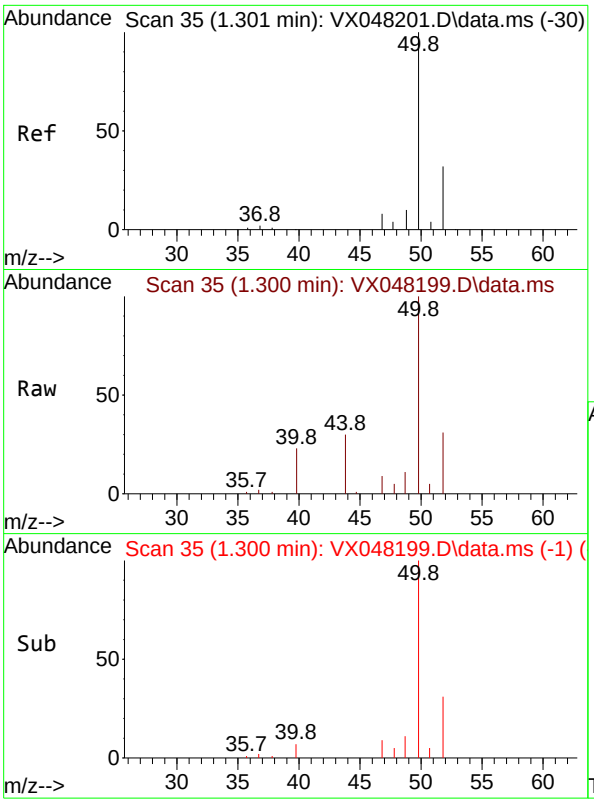


#2
Dichlorodifluoromethane
Concen: 5.146 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 85 Resp: 8304

Ion	Ratio	Lower	Upper
85	100		
87	34.7	15.3	45.9

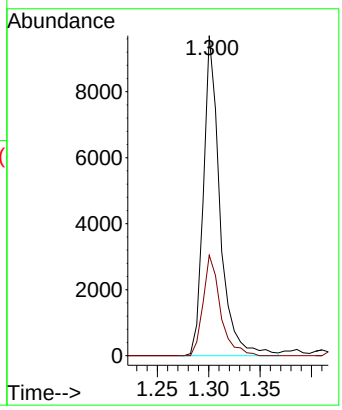




#3
Chloromethane
Concen: 5.542 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 50 Resp: 1083

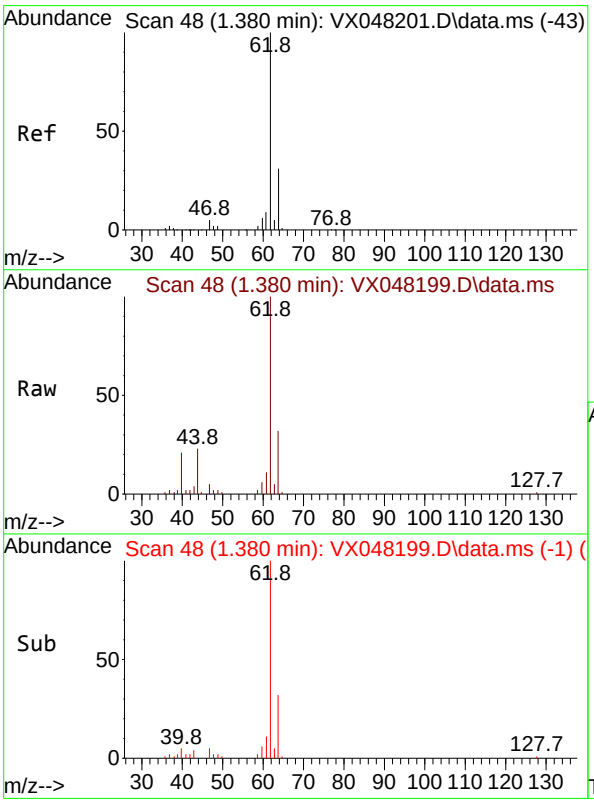
Ion	Ratio	Lower	Upper
50	100		
52	31.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

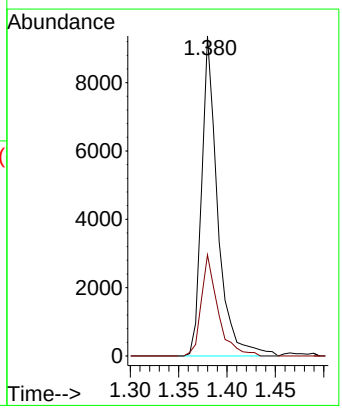
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

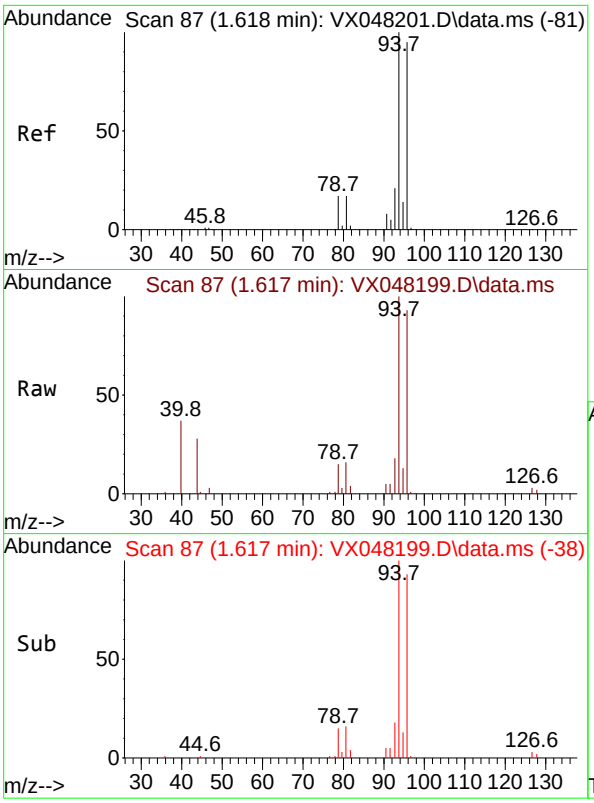


#4
Vinyl Chloride
Concen: 5.264 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 62 Resp: 10844

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.1	37.7

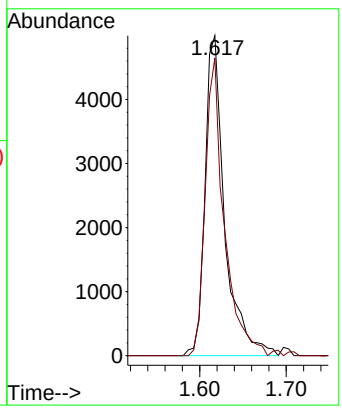




#5
Bromomethane
Concen: 5.843 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 94 Resp: 787

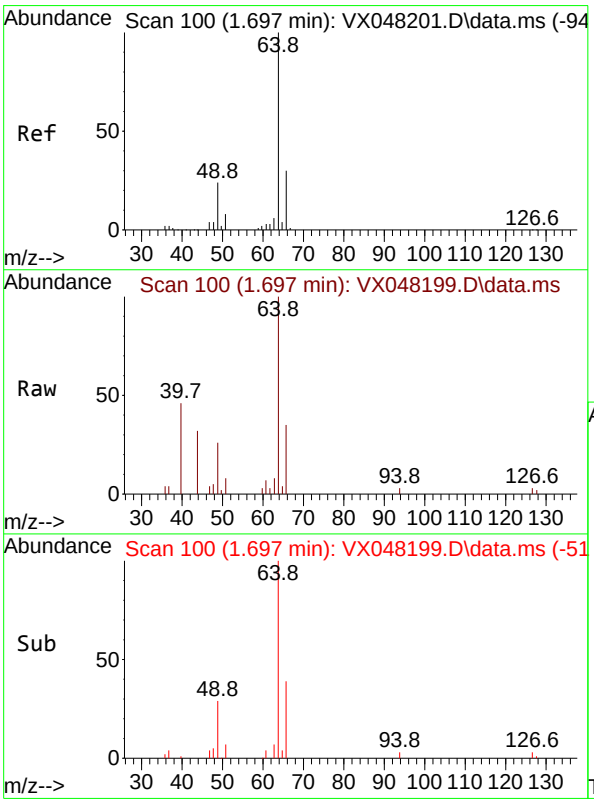
Ion	Ratio	Lower	Upper
94	100		
96	94.2	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

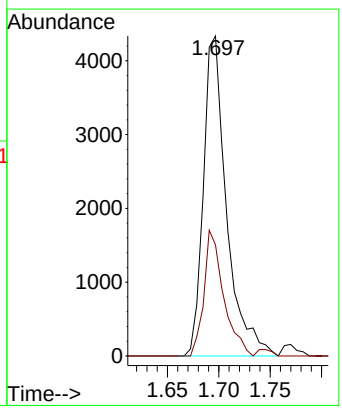
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

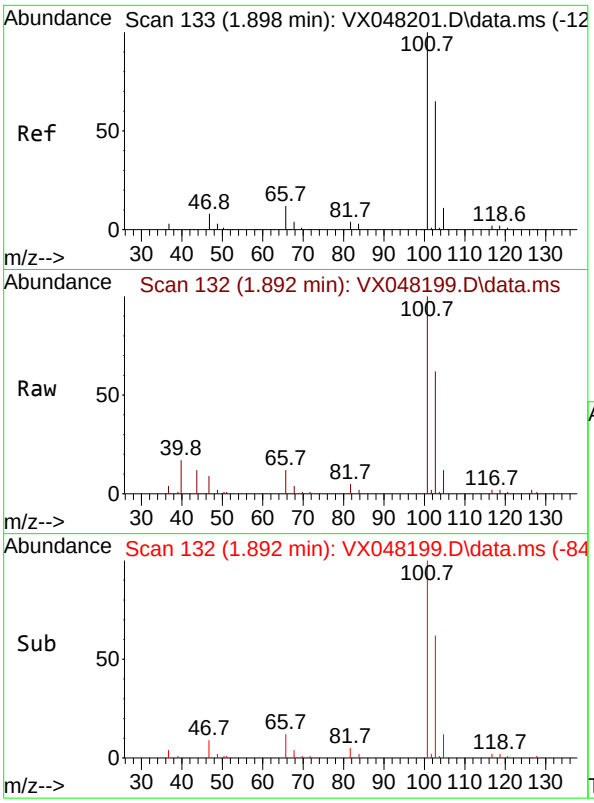


#6
Chloroethane
Concen: 5.194 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 64 Resp: 6809

Ion	Ratio	Lower	Upper
64	100		
66	34.8	23.9	35.9

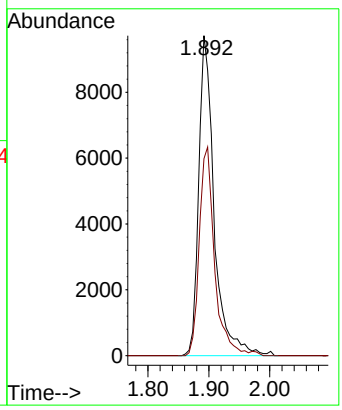




#7
Trichlorofluoromethane
Concen: 5.292 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:101 Resp: 1711

Ion	Ratio	Lower	Upper
101	100		
103	61.5	51.6	77.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
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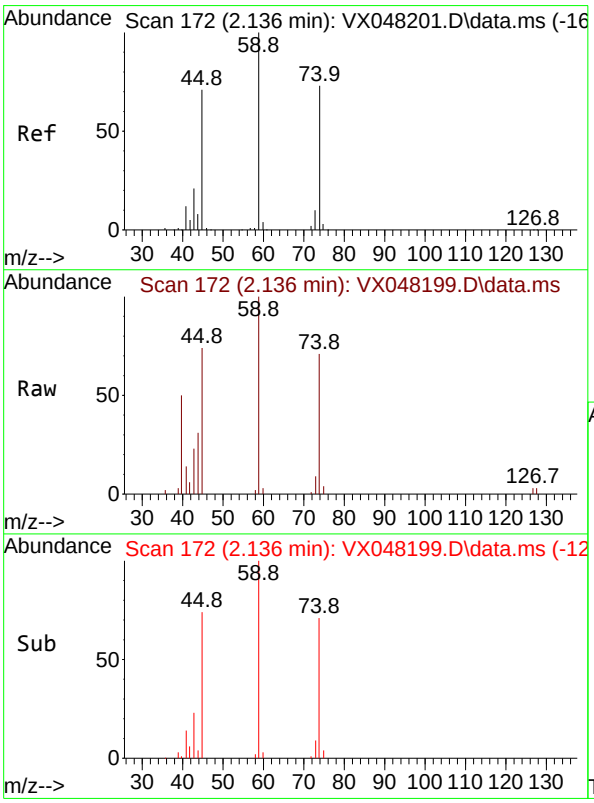
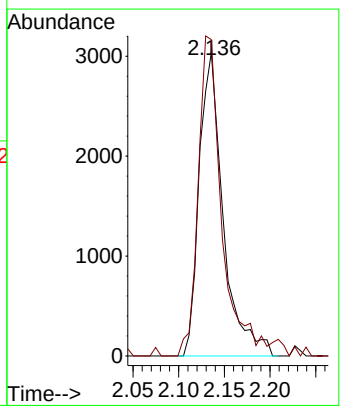
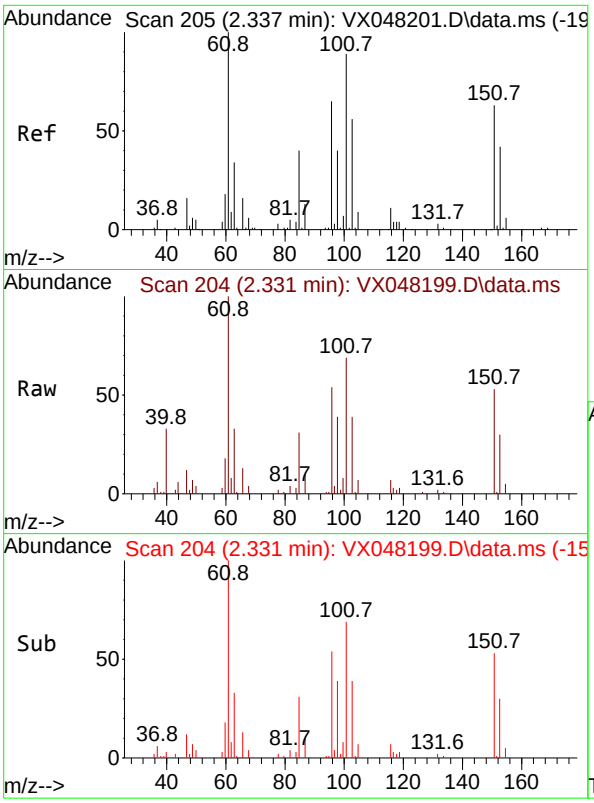


#8
Diethyl Ether
Concen: 5.025 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 74 Resp: 5542

Ion	Ratio	Lower	Upper
74	100		
45	106.2	50.0	149.8

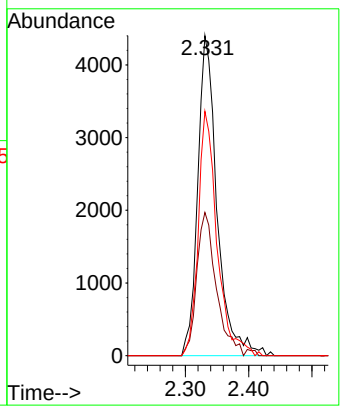




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.153 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:101 Resp: 938

Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.6	53.4
151	74.1	58.0	87.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
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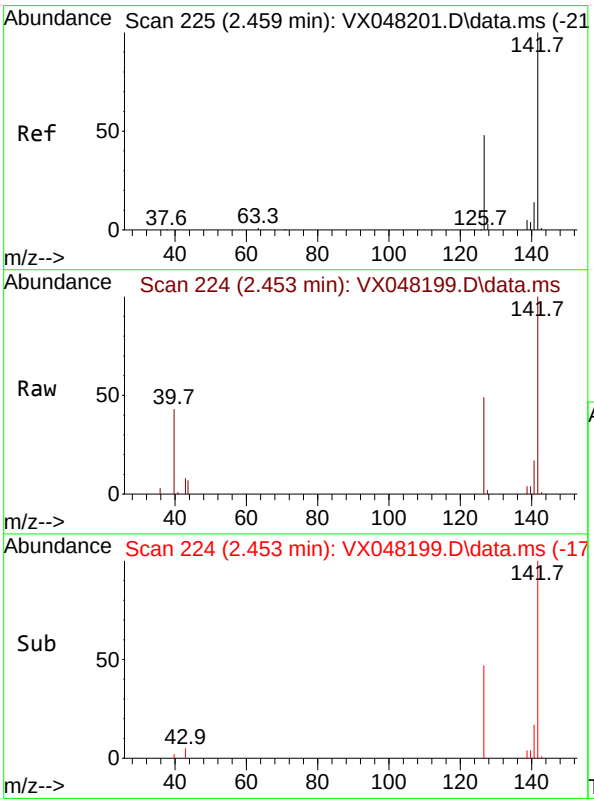
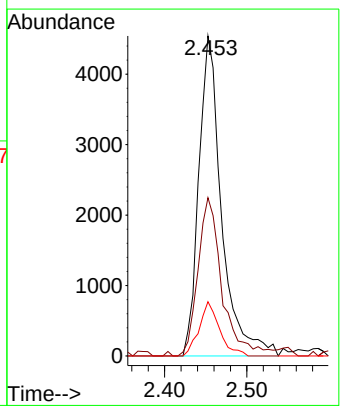
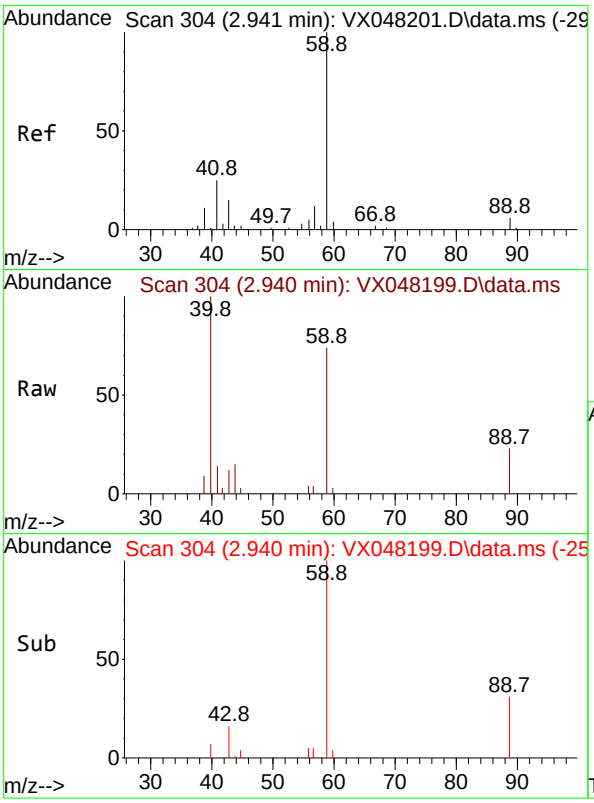


#10
Methyl Iodide
Concen: 4.013 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:142 Resp: 8757

Ion	Ratio	Lower	Upper
142	100		
127	52.2	38.5	57.7
141	15.1	11.6	17.4





#11
Tert butyl alcohol
Concen: 27.879 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 59 Resp: 440

Ion	Ratio	Lower	Upper
59	100		
57	4.5	8.2	12.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
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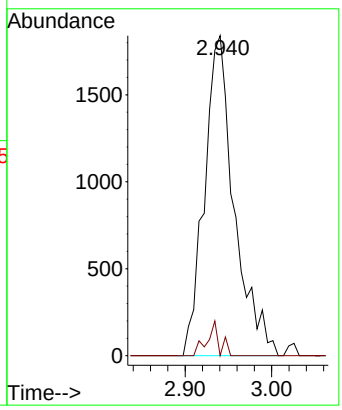
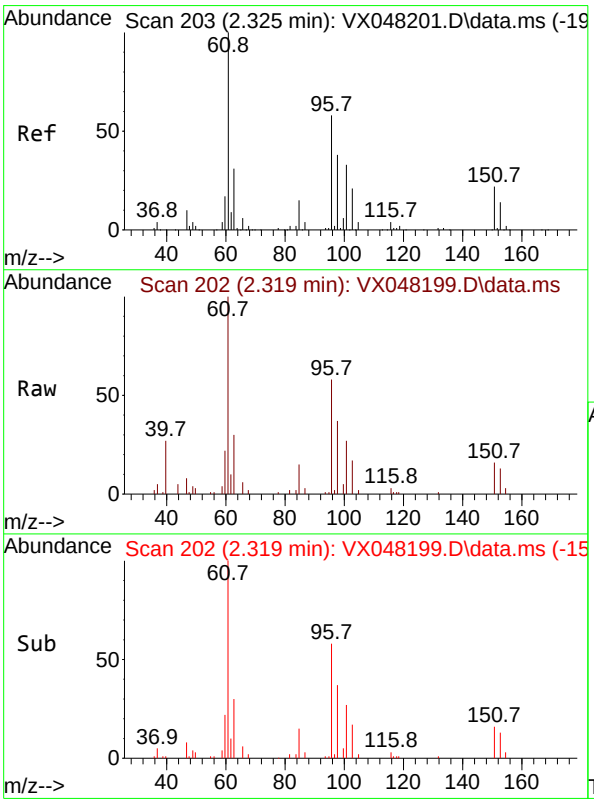
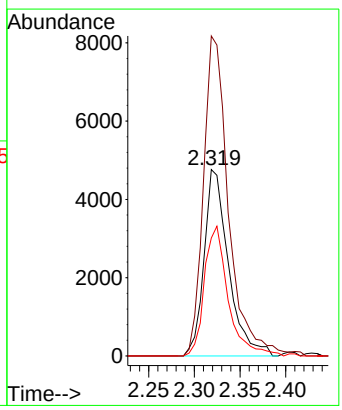


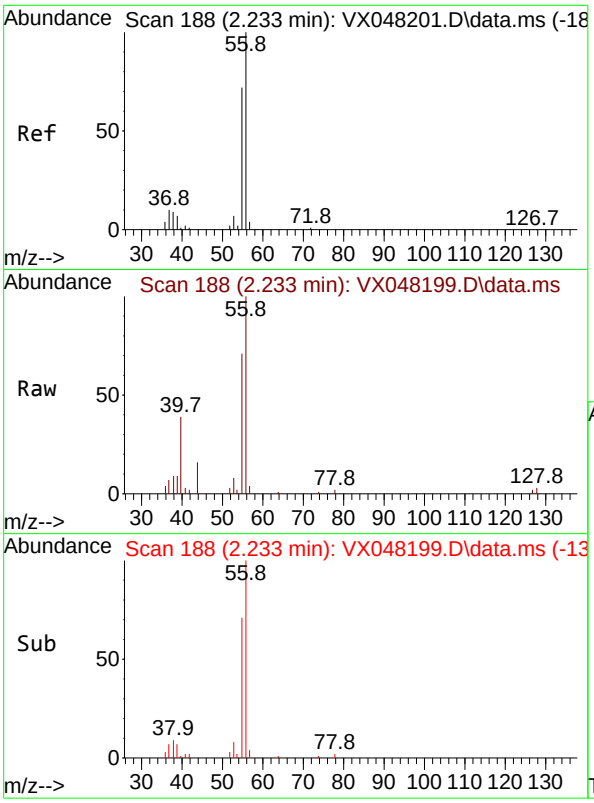


#12
1,1-Dichloroethene
Concen: 4.980 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 96 Resp: 8872

Ion	Ratio	Lower	Upper
96	100		
61	171.7	139.0	208.6
98	63.3	52.4	78.6

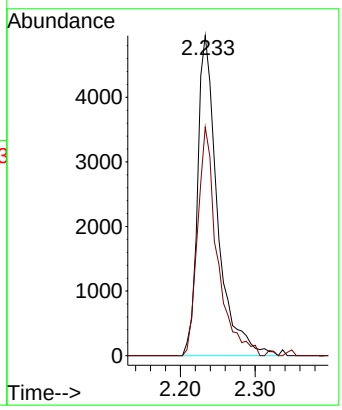




#13
Acrolein
Concen: 27.597 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 56 Resp: 916

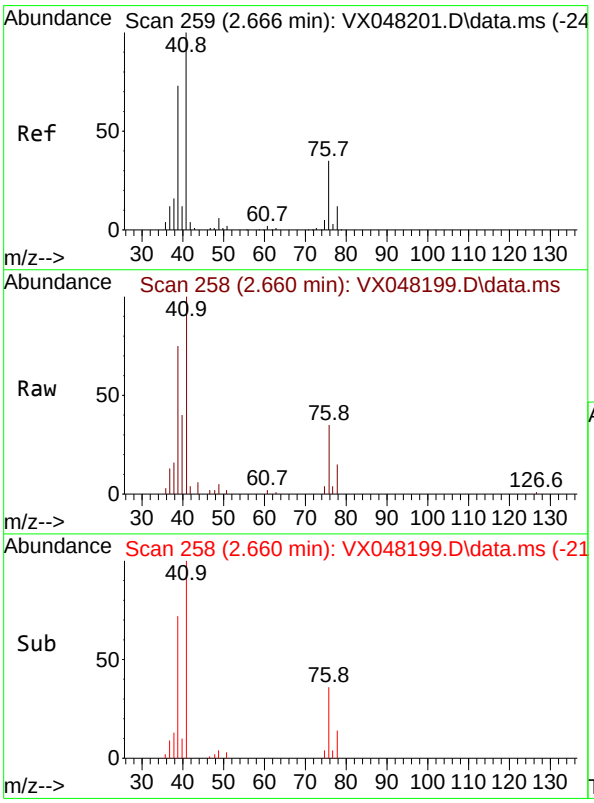
Ion	Ratio	Lower	Upper
56	100		
55	70.5	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

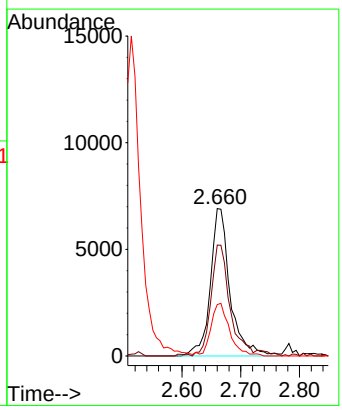
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

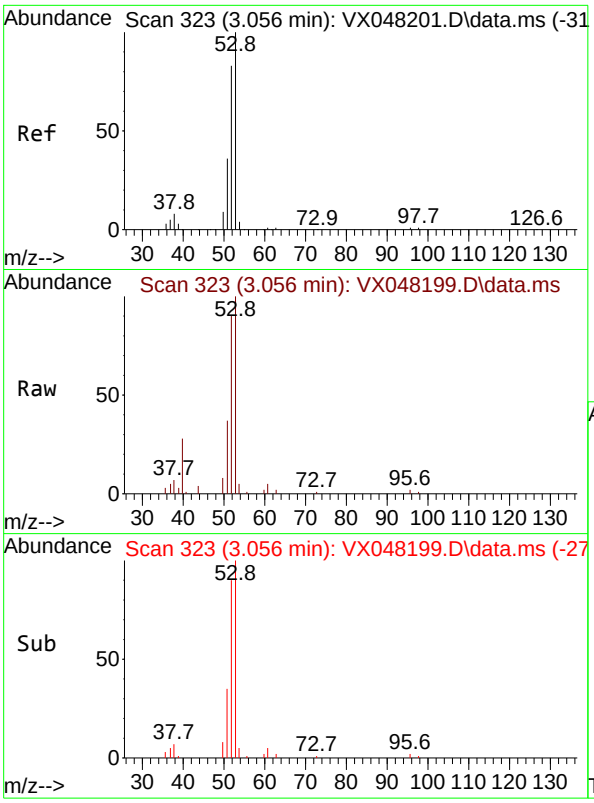


#14
Allyl chloride
Concen: 5.034 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 41 Resp: 16133

Ion	Ratio	Lower	Upper
41	100		
39	71.5	56.0	84.0
76	33.9	27.5	41.3

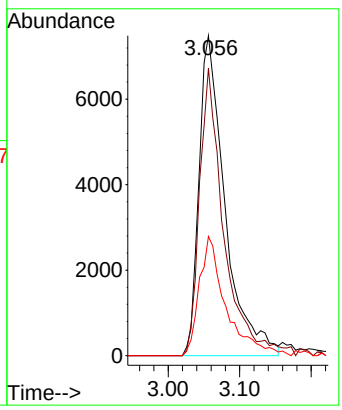




#15
Acrylonitrile
Concen: 24.977 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 53 Resp: 1891

Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.1	99.1
51	38.2	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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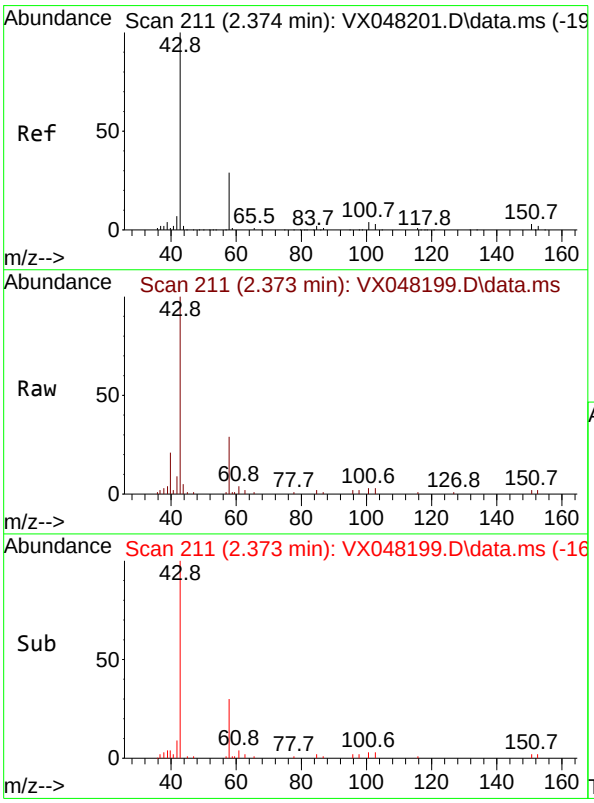
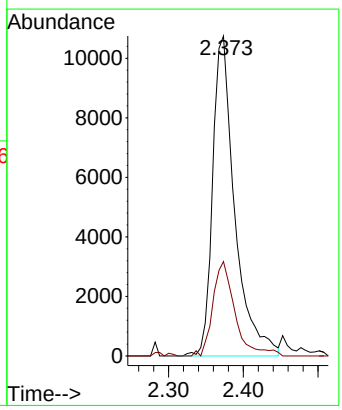
Supervised By :Mahesh Dadoda 10/20/2025

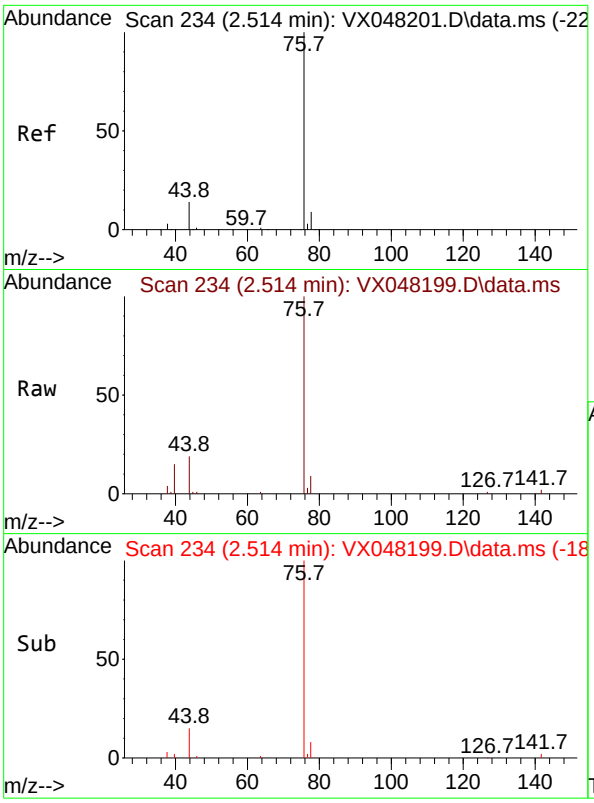


#16
Acetone
Concen: 27.154 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 43 Resp: 22063

Ion	Ratio	Lower	Upper
43	100		
58	28.0	23.4	35.2

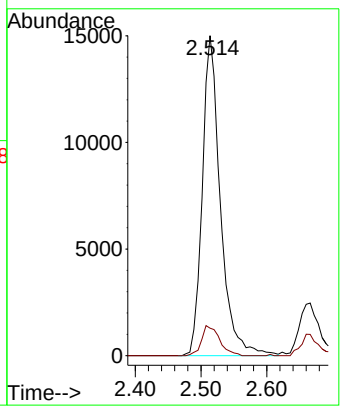




#17
Carbon Disulfide
Concen: 5.232 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 76 Resp: 2867

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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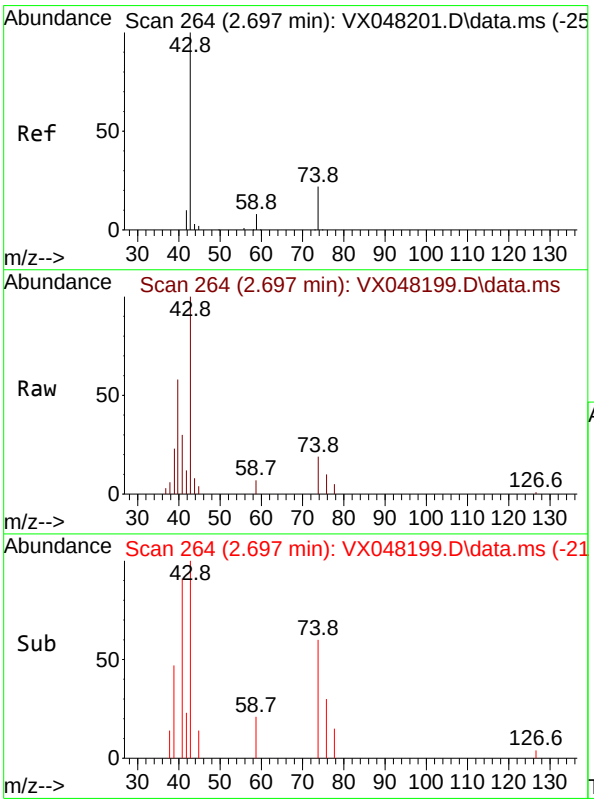
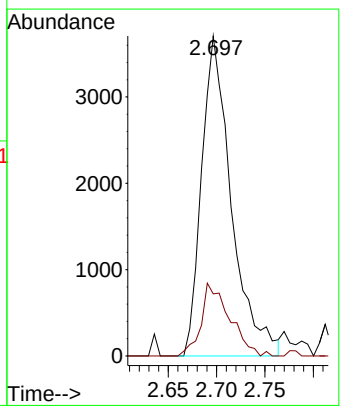
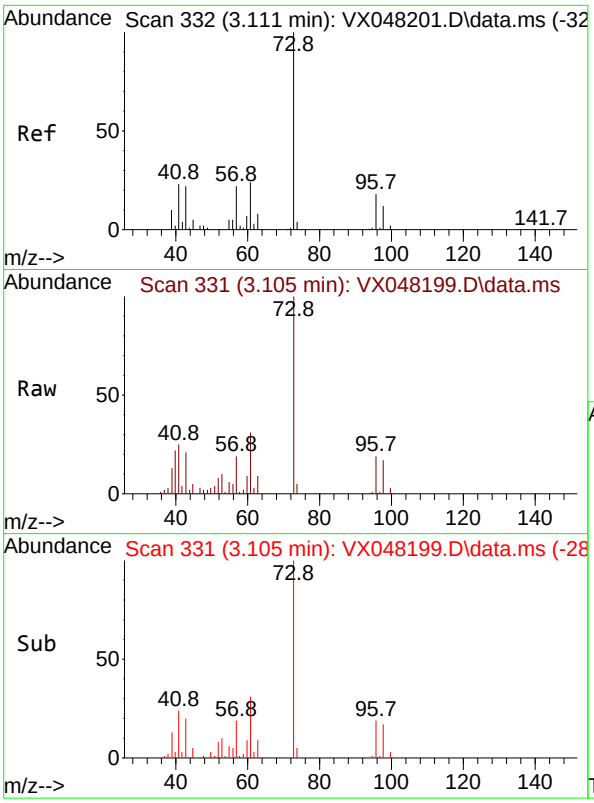


#18
Methyl Acetate
Concen: 4.800 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 43 Resp: 7943

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.5	26.3

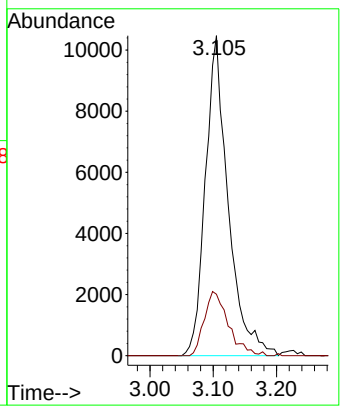




#19
Methyl tert-butyl Ether
Concen: 4.878 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 73 Resp: 2617

Ion	Ratio	Lower	Upper
73	100		
57	19.6	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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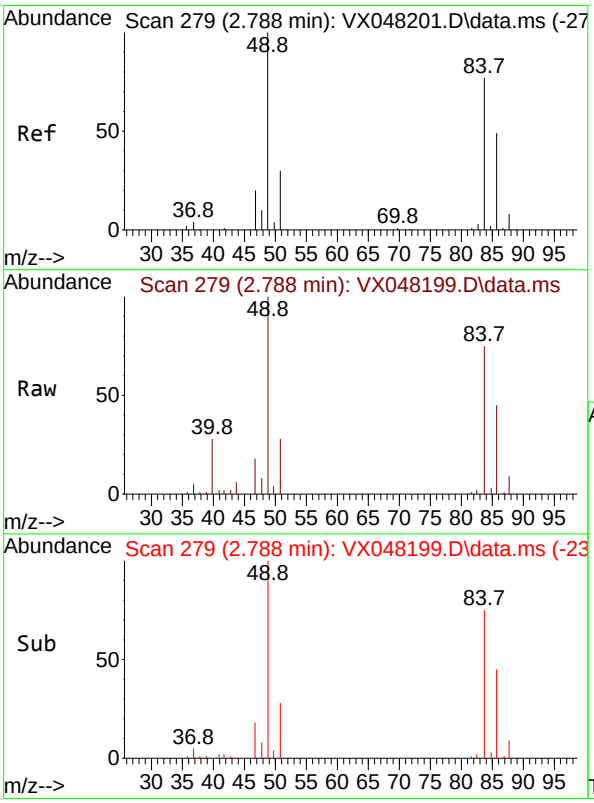
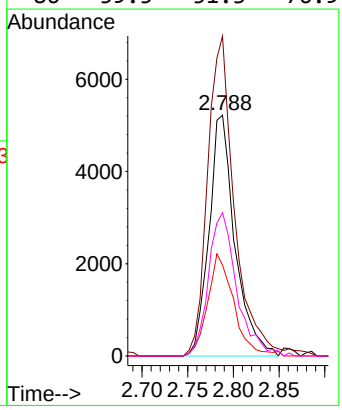
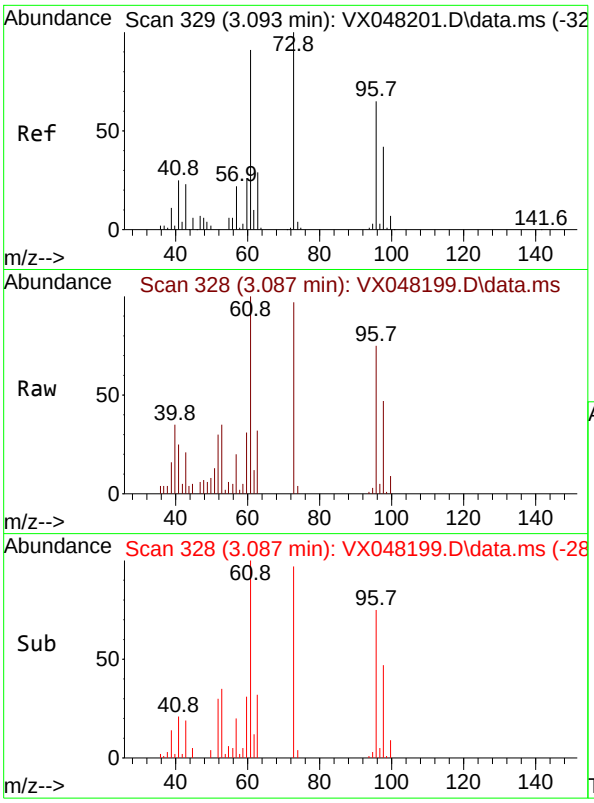


#20
Methylene Chloride
Concen: 5.204 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 84 Resp: 10300

Ion	Ratio	Lower	Upper
84	100		
49	132.8	104.1	156.1
51	37.7	31.3	46.9
86	59.5	51.3	76.9

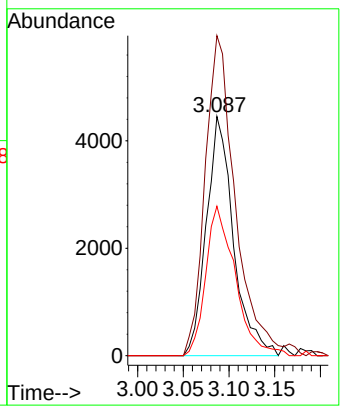




#21
trans-1,2-Dichloroethene
Concen: 4.989 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 96 Resp: 919

Ion	Ratio	Lower	Upper
96	100		
61	133.8	111.9	167.9
98	64.0	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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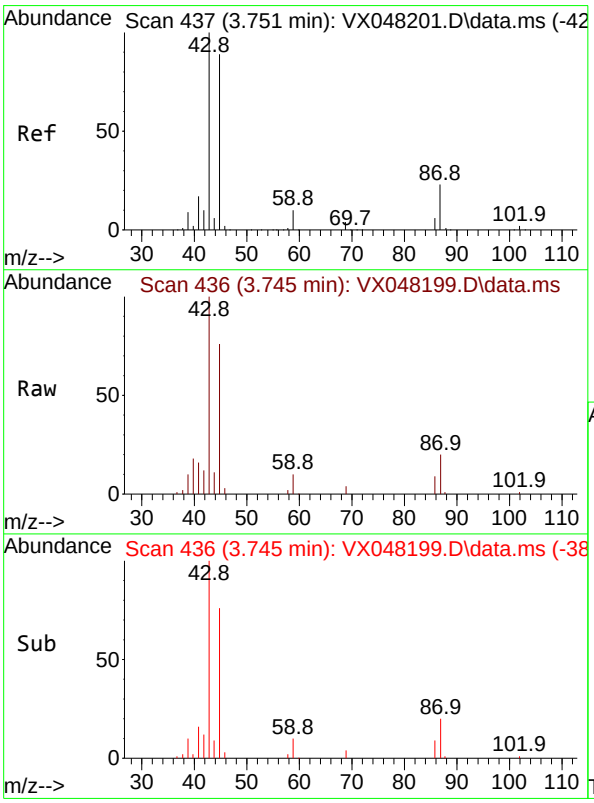
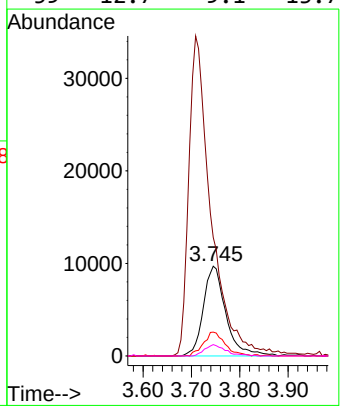
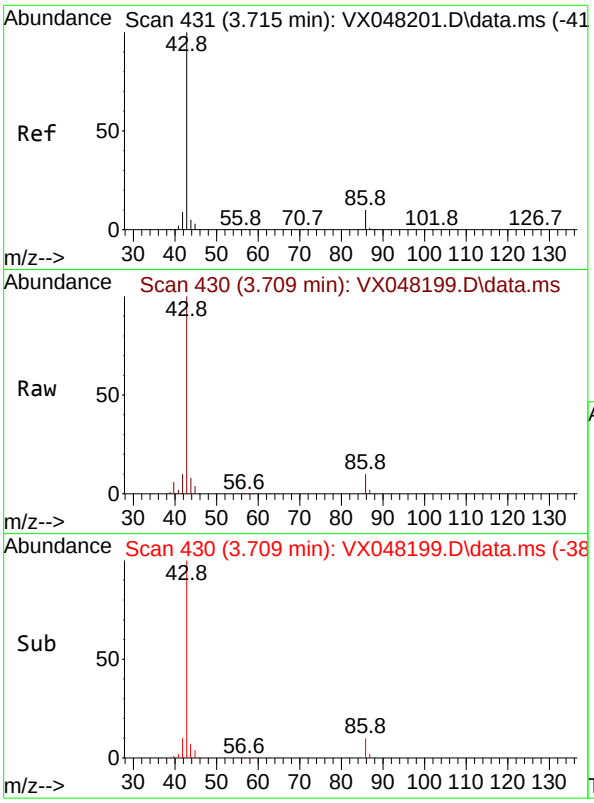


#22
Diisopropyl ether
Concen: 4.991 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 45 Resp: 31321

Ion	Ratio	Lower	Upper
45	100		
43	126.8	89.8	134.8
87	27.5	20.6	31.0
59	12.7	9.1	13.7





#23
Vinyl Acetate
Concen: 23.718 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 43 Resp: 11128

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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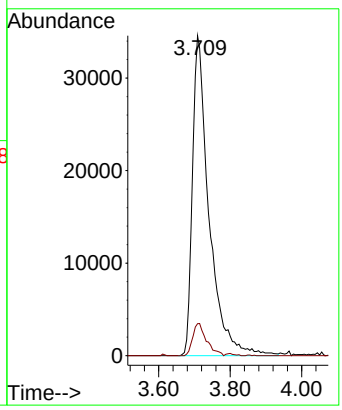
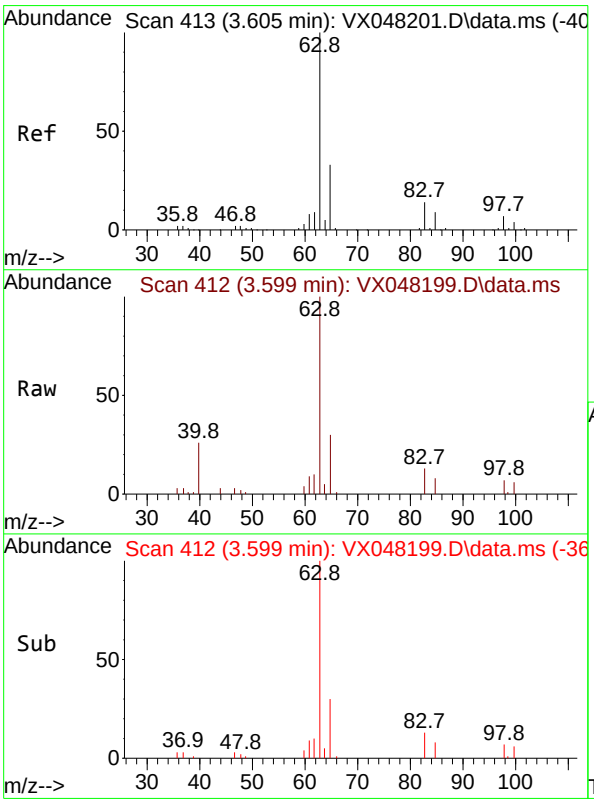
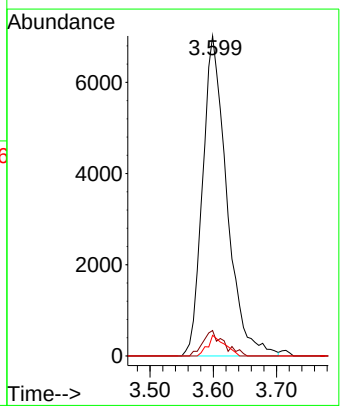


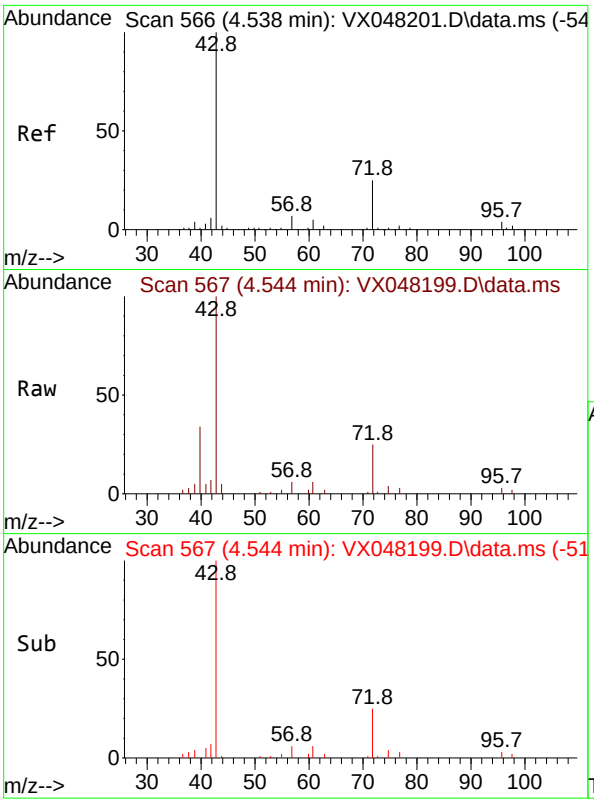


#24
1,1-Dichloroethane
Concen: 5.251 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 63 Resp: 18693

Ion	Ratio	Lower	Upper
63	100		
98	7.9	3.5	10.6
100	6.4	2.1	6.3#





#25
2-Butanone
Concen: 25.324 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 43 Resp: 2397

Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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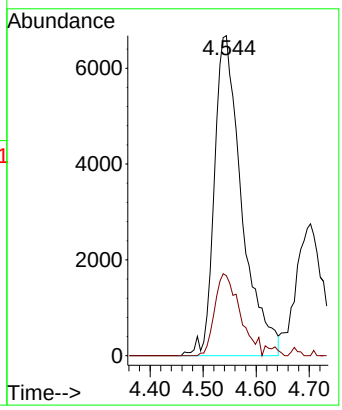
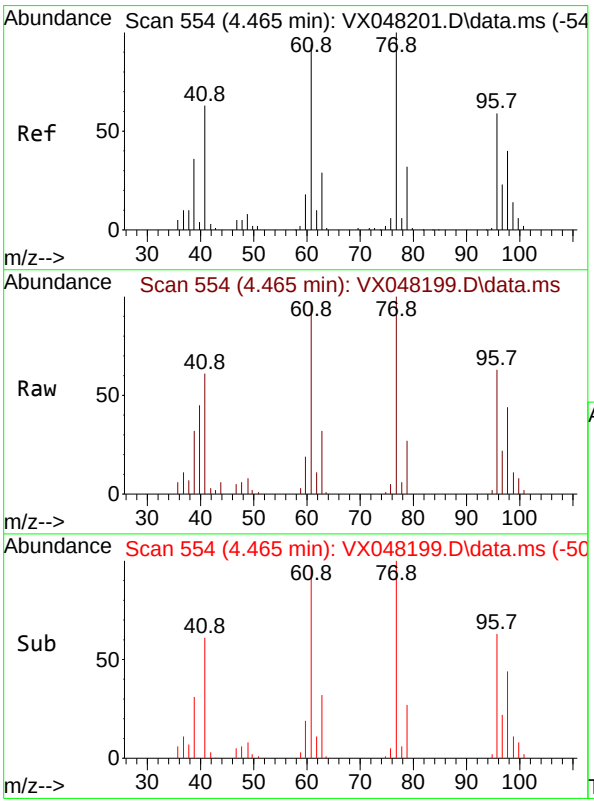
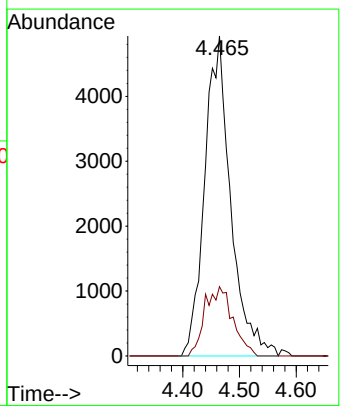


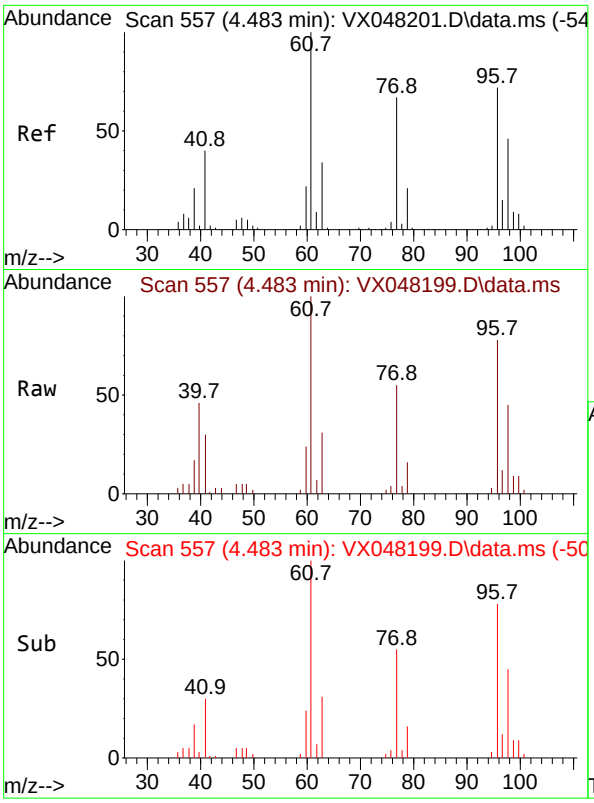


#26
2,2-Dichloropropane
Concen: 5.161 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 77 Resp: 15703

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.1	33.3

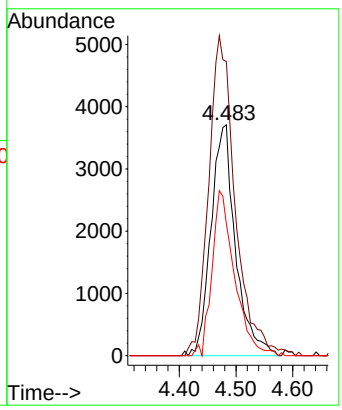




#27
cis-1,2-Dichloroethene
Concen: 5.109 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 96 Resp: 1117

Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	294.2
98	65.4	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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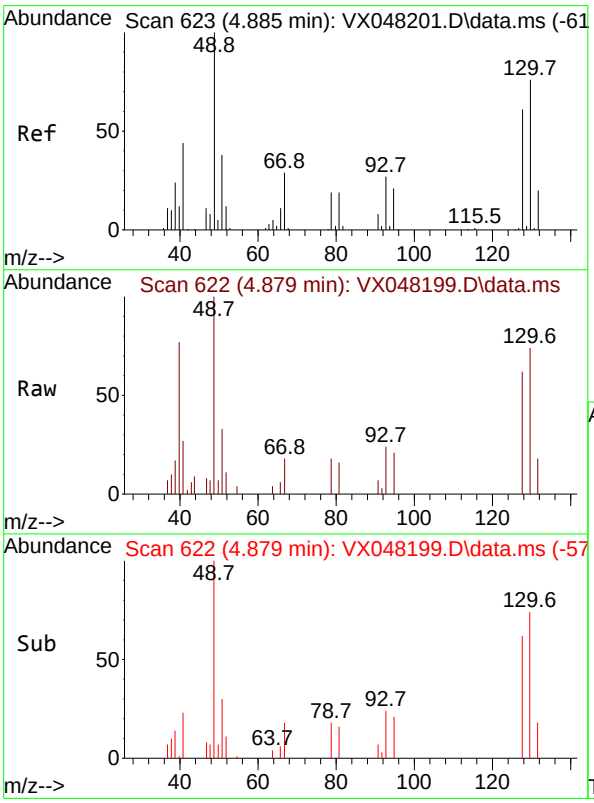
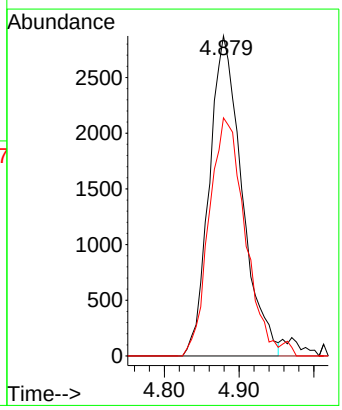
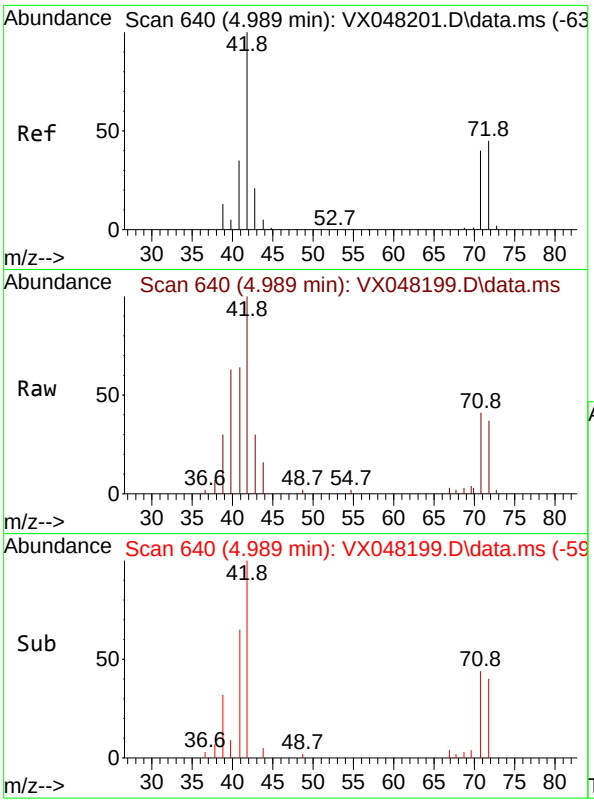


#28
Bromochloromethane
Concen: 5.330 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 49 Resp: 8746

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	80.9	59.3	88.9





#29
Tetrahydrofuran
Concen: 24.625 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 42 Resp: 1368

Ion	Ratio	Lower	Upper
42	100		
72	41.4	35.3	52.9
71	39.7	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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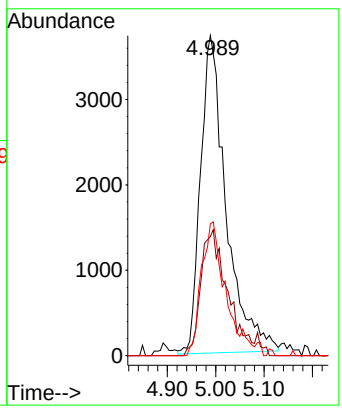
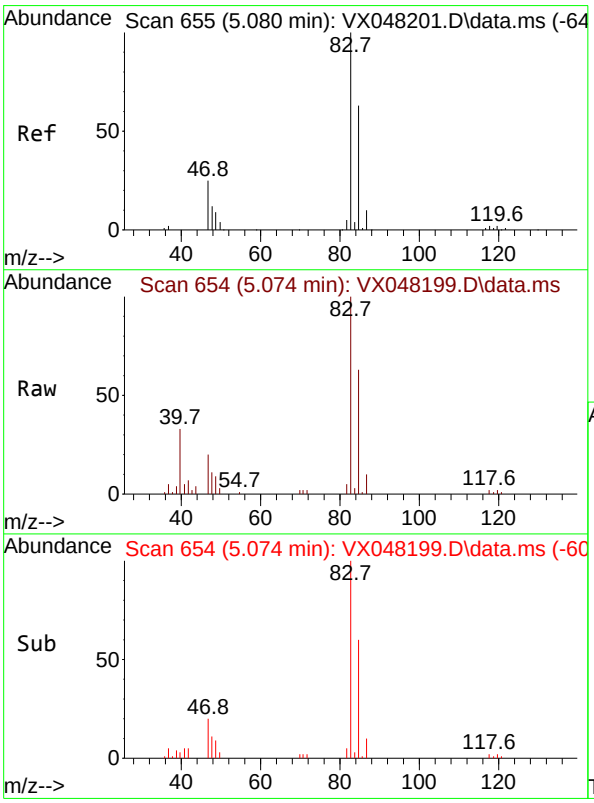
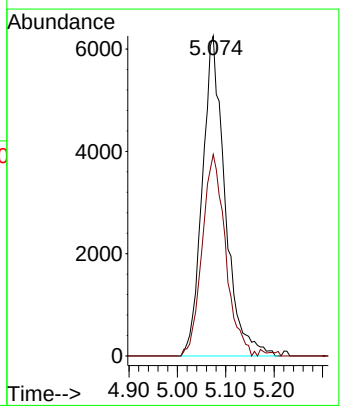


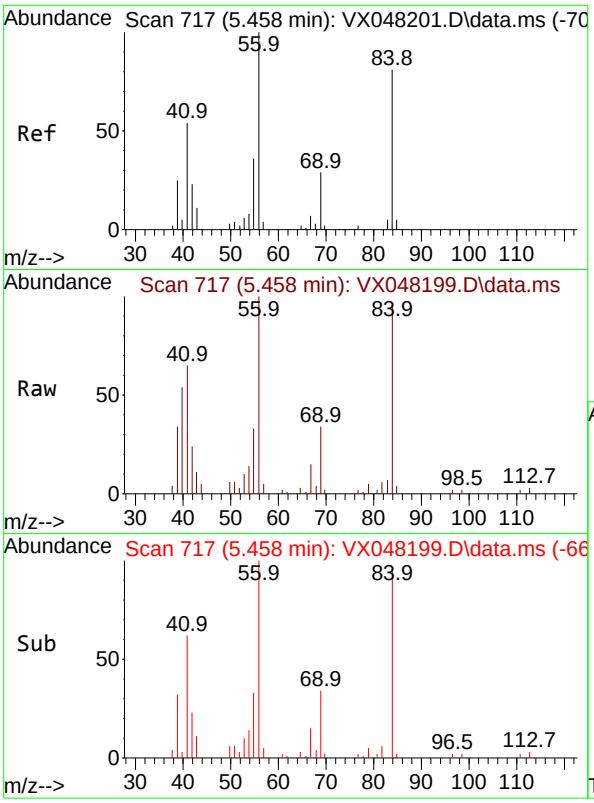


#30
Chloroform
Concen: 5.458 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 83 Resp: 20456

Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.1	75.1

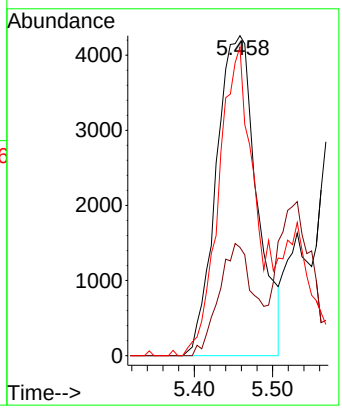




#31
Cyclohexane
Concen: 5.261 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 56 Resp: 1532

Ion	Ratio	Lower	Upper
56	100		
69	35.7	23.0	34.6
84	96.4	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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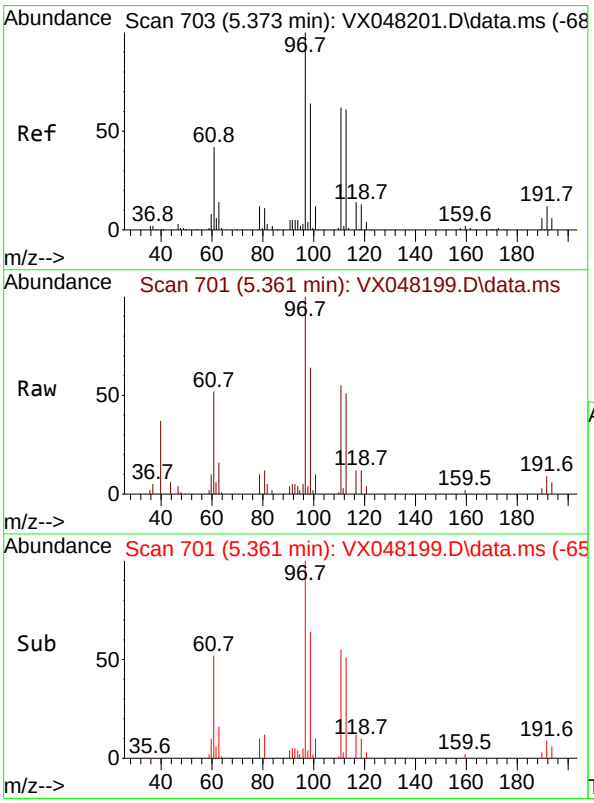
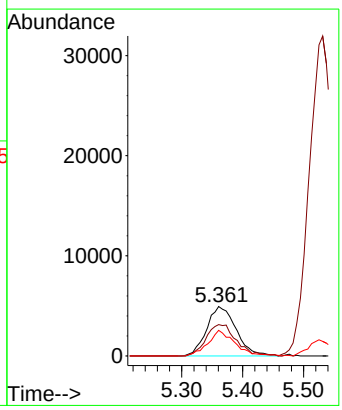
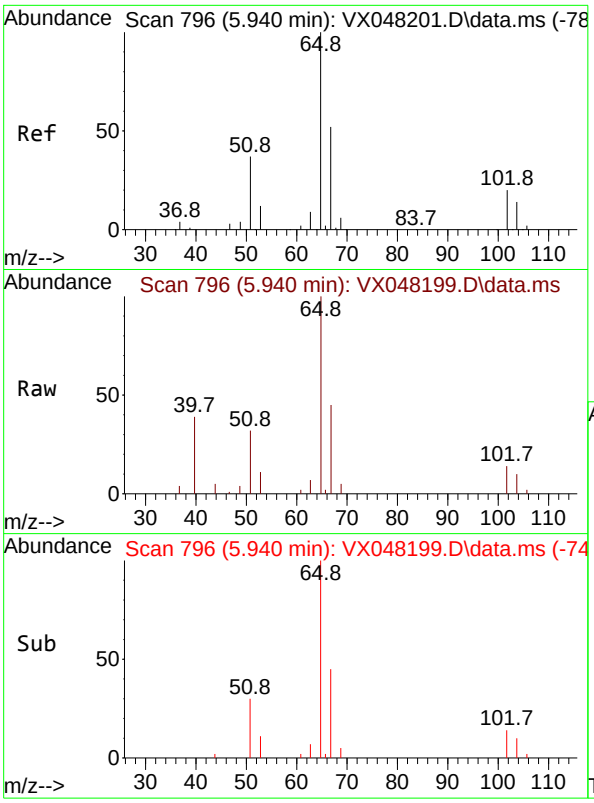


#32
1,1,1-Trichloroethane
Concen: 5.373 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 97 Resp: 16546

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.7	77.5
61	47.2	34.8	52.2

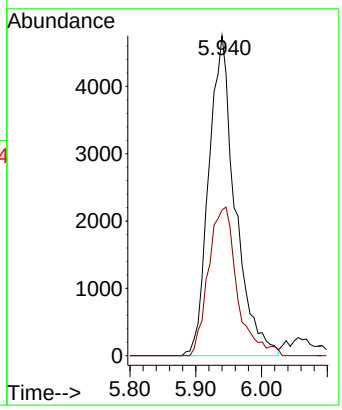




#33
1,2-Dichloroethane-d4
Concen: 5.563 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 65 Resp: 1324

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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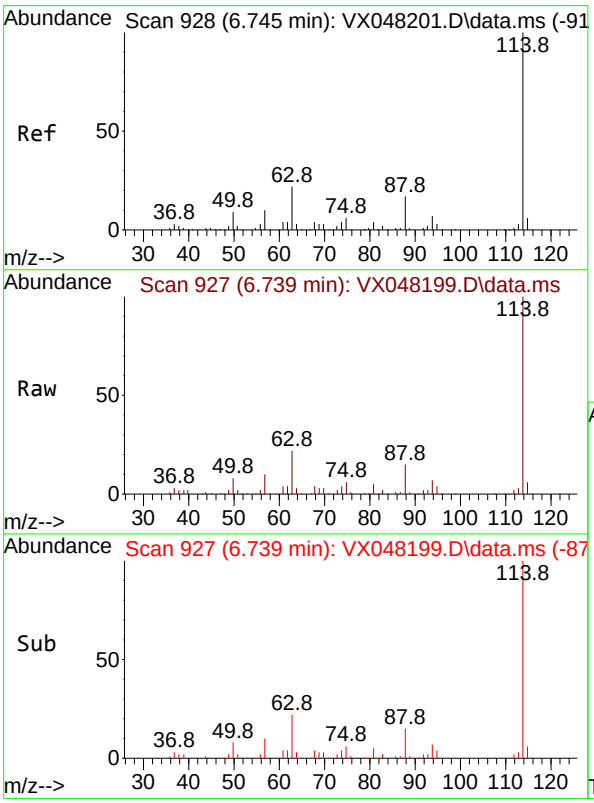
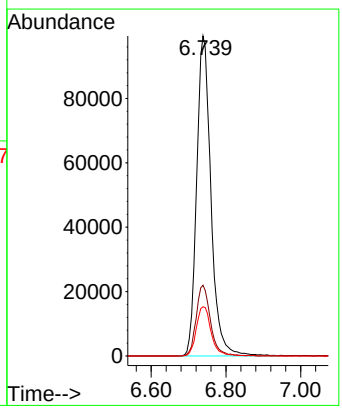
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

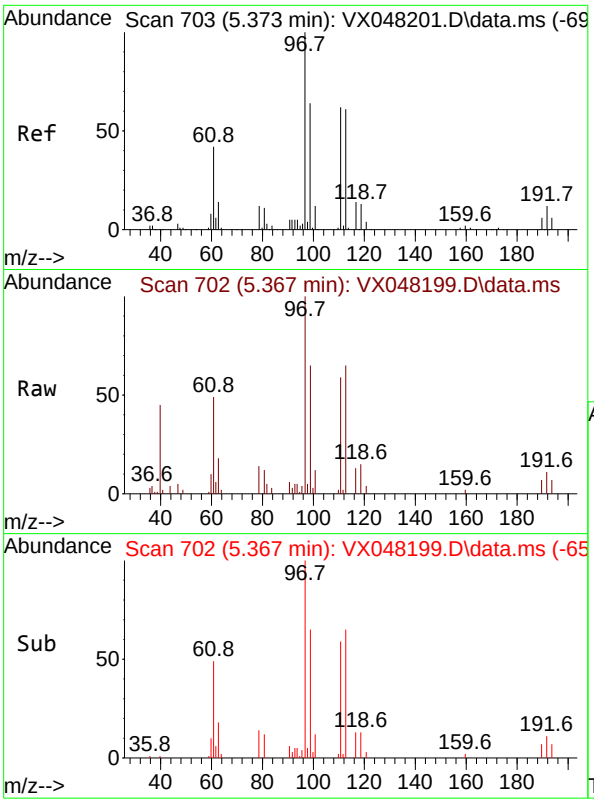


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:114 Resp: 263338

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	15.4	0.0	33.6

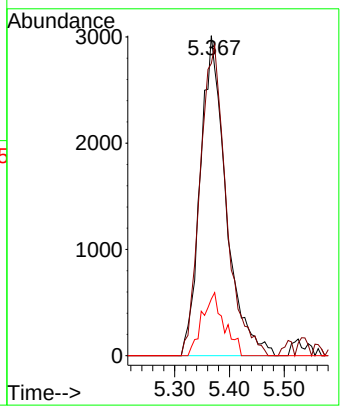




#35
Dibromofluoromethane
Concen: 5.376 ug/l
RT: 5.367 min Scan# 7(
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:113 Resp: 982(

Ion	Ratio	Lower	Upper
113	100		
111	98.8	82.2	123.4
192	16.8	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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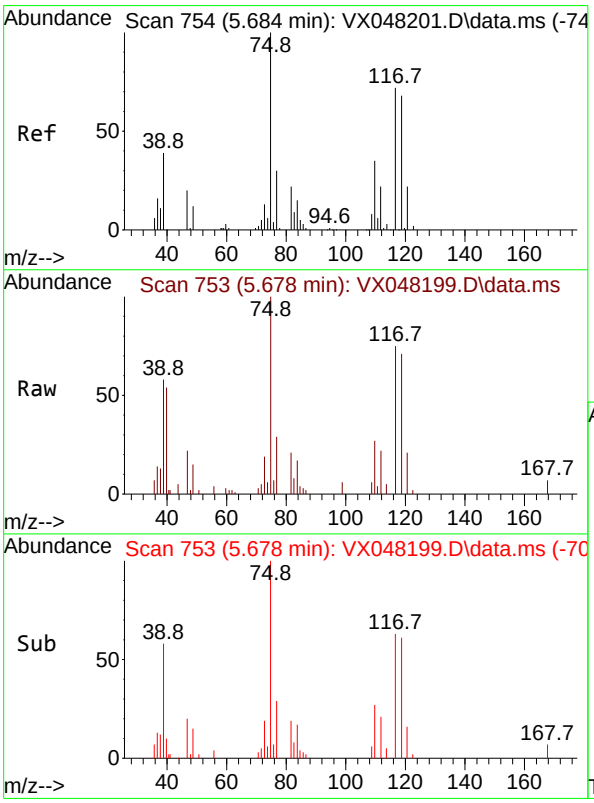
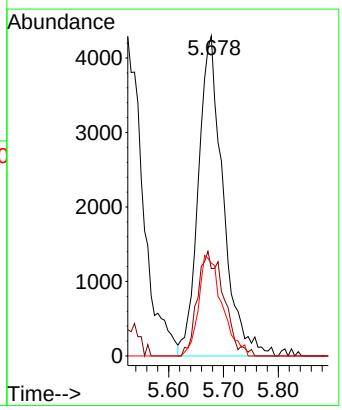
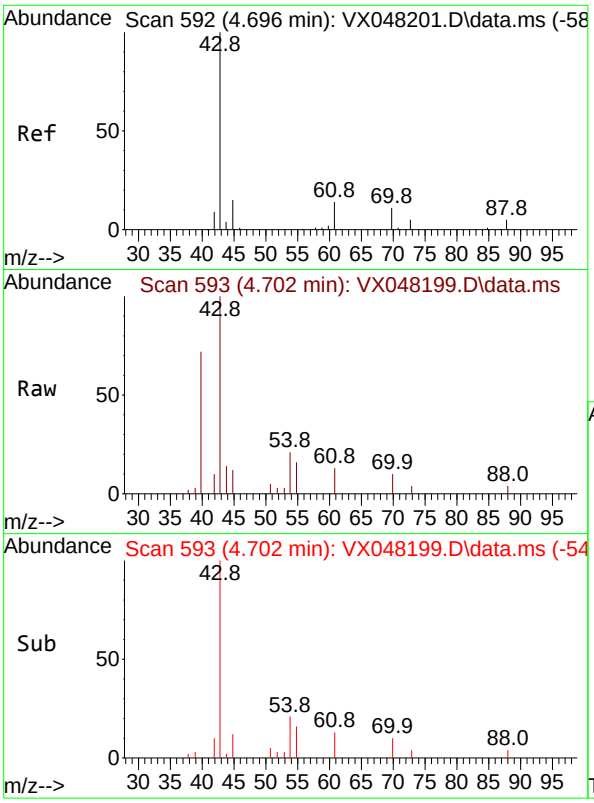


#36
1,1-Dichloropropene
Concen: 5.225 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 75 Resp: 13452

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.7	53.1
77	29.9	24.3	36.5





#37
Ethyl Acetate
Concen: 4.577 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 43 Resp: 941

Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.6	15.8
70	8.6	7.8	11.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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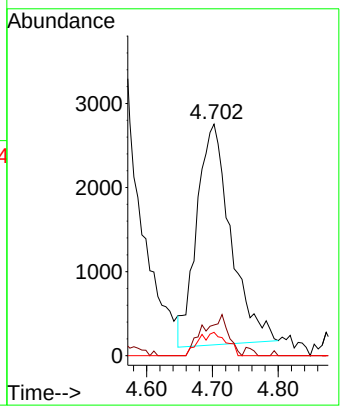
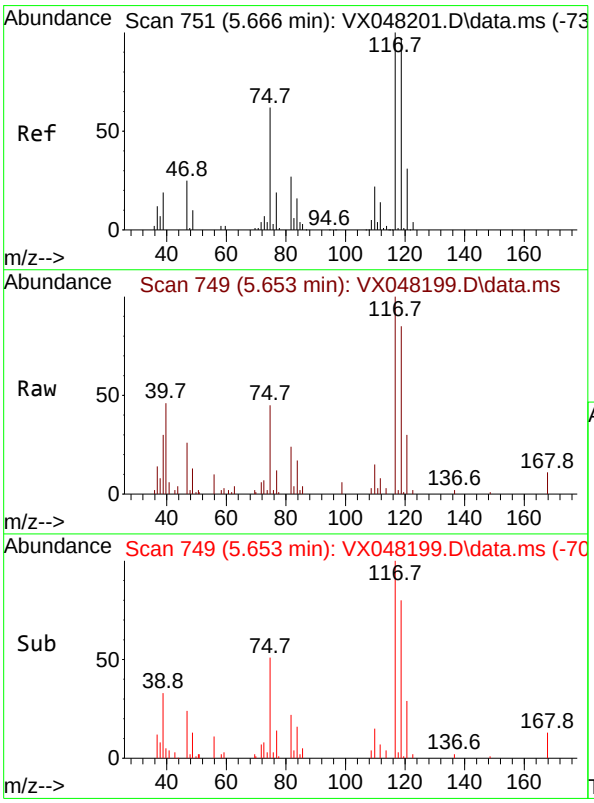
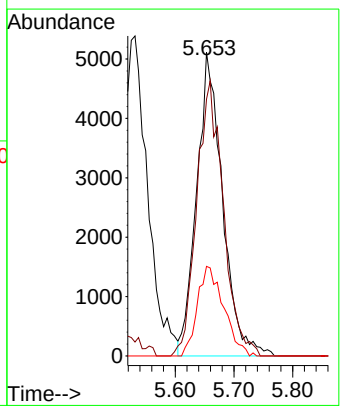


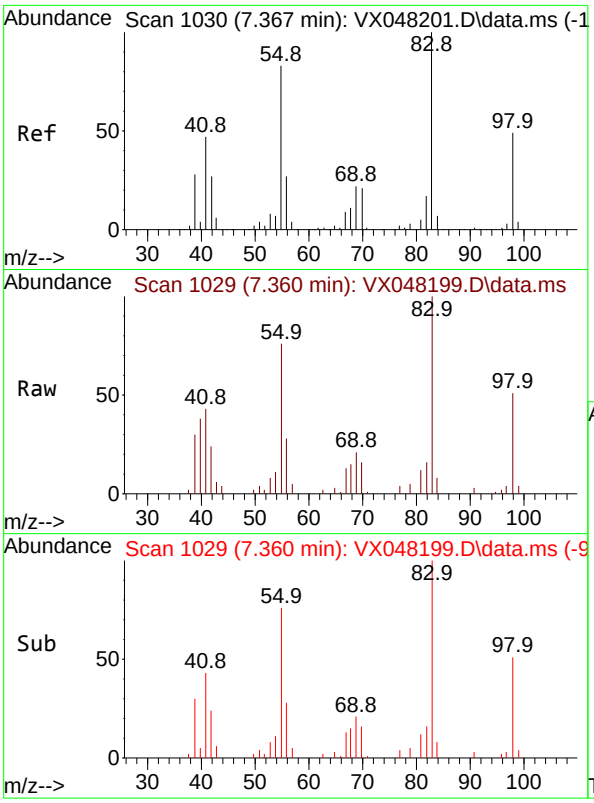


#38
Carbon Tetrachloride
Concen: 5.284 ug/l
RT: 5.653 min Scan# 749
Delta R.T. -0.012 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:117 Resp: 15616

Ion	Ratio	Lower	Upper
117	100		
119	85.7	77.2	115.8
121	29.5	24.8	37.2

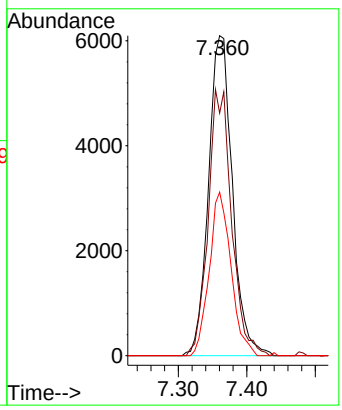




#39
Methylcyclohexane
Concen: 5.084 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 83 Resp: 1475

Ion	Ratio	Lower	Upper
83	100		
55	75.8	66.2	99.2
98	51.1	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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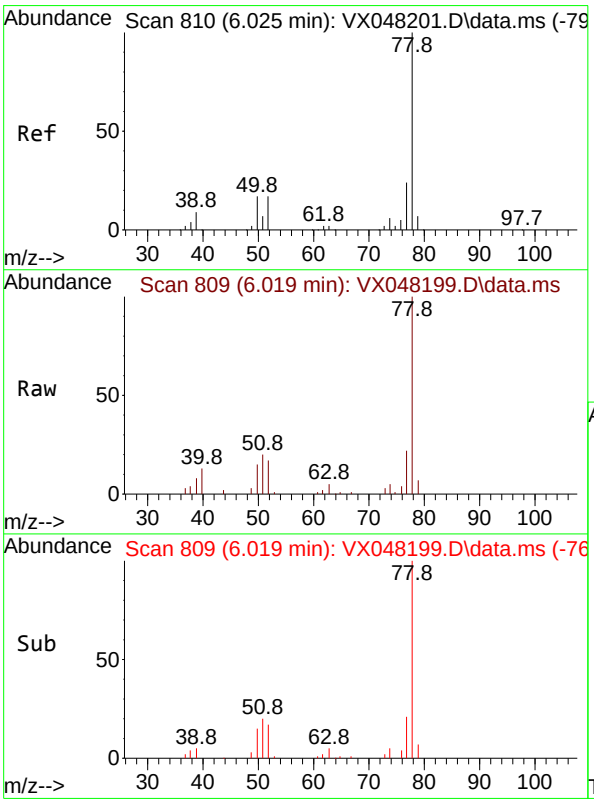
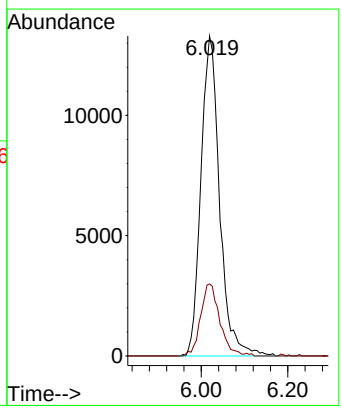
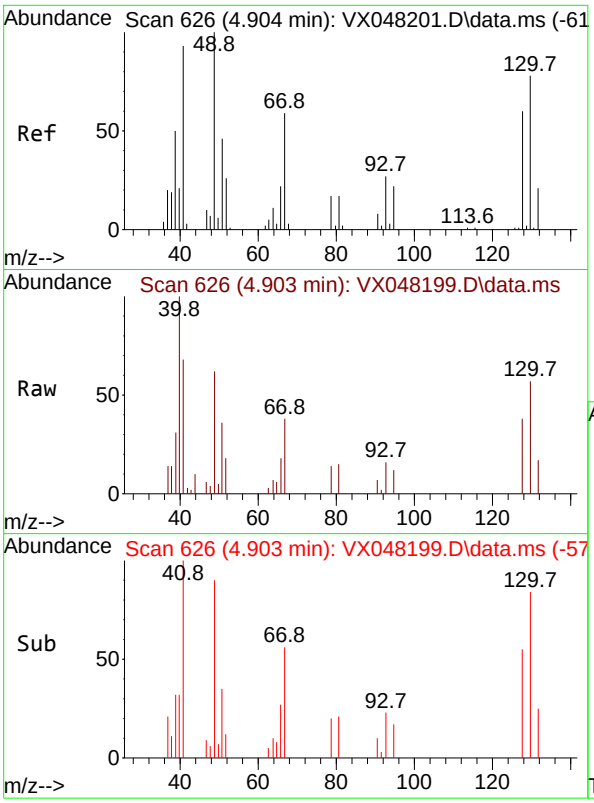


#40
Benzene
Concen: 5.205 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 78 Resp: 39795

Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.3	28.9

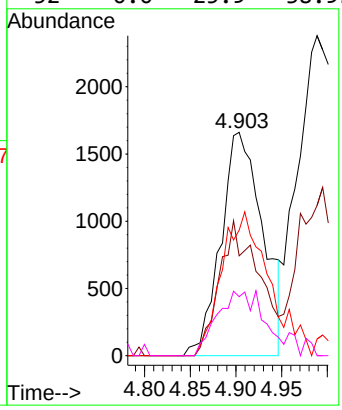




#41
Methacrylonitrile
Concen: 4.801 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 41 Resp: 529

Ion	Ratio	Lower	Upper
41	100		
39	56.9	44.0	66.0
67	72.3	58.7	88.1
52	0.0	25.9	38.9#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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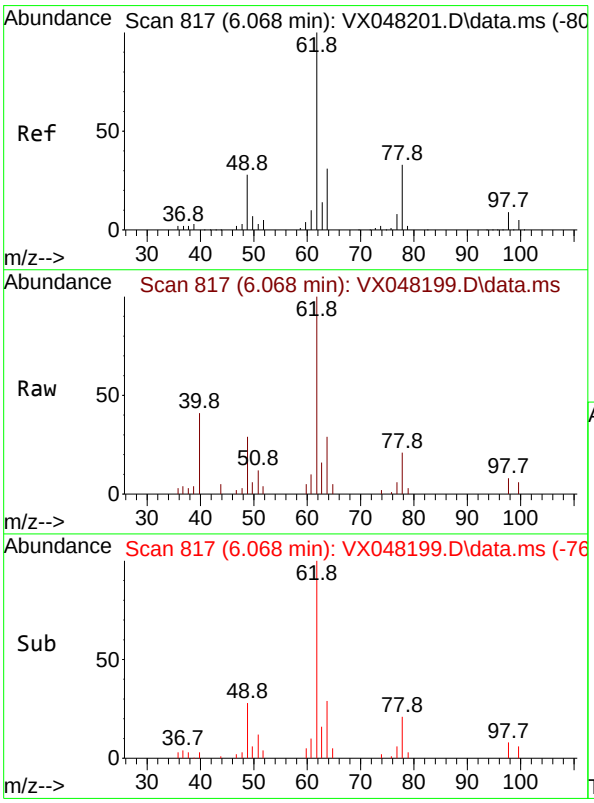
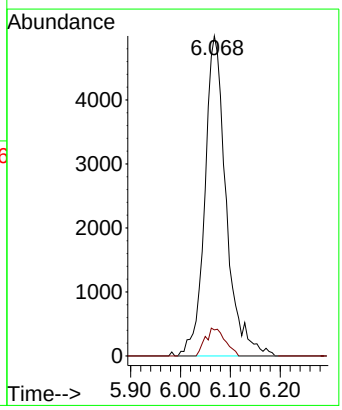
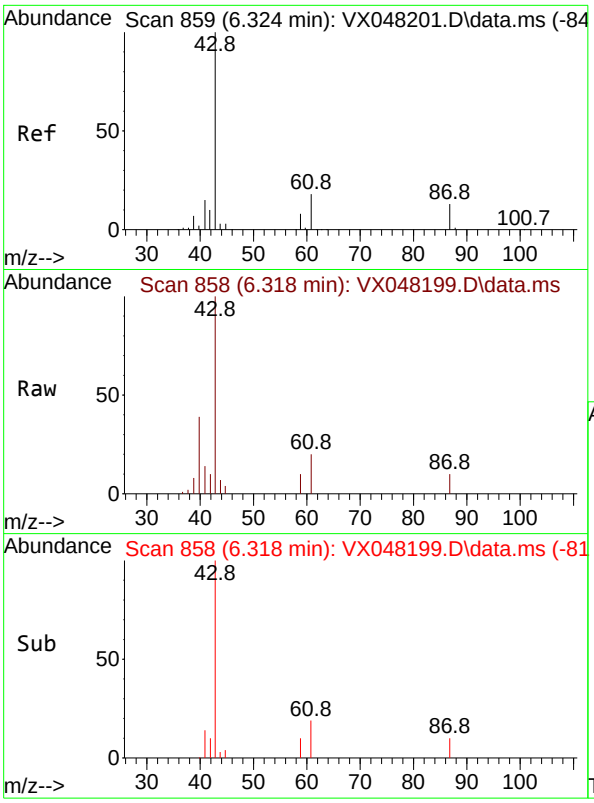


#42
1,2-Dichloroethane
Concen: 5.423 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 62 Resp: 14854

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.2





#43
Isopropyl Acetate
Concen: 4.778 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 43 Resp: 1650

Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.9	22.3
87	11.7	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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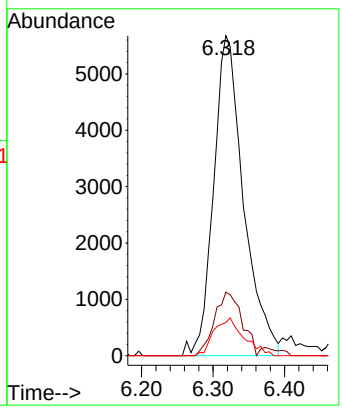
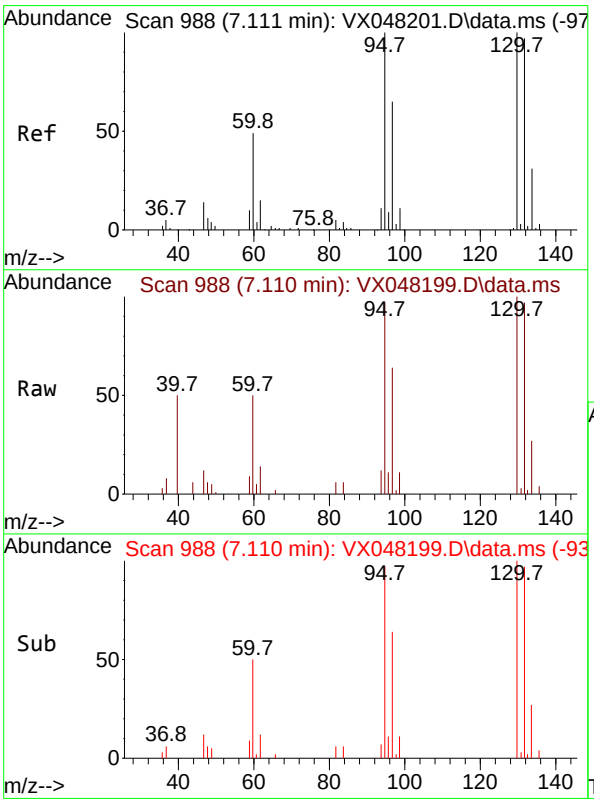
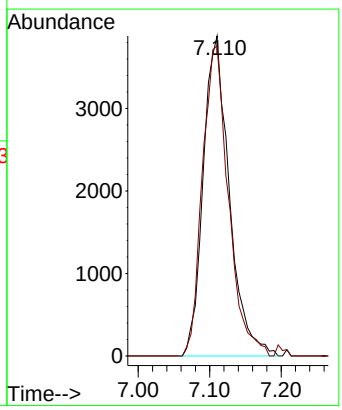


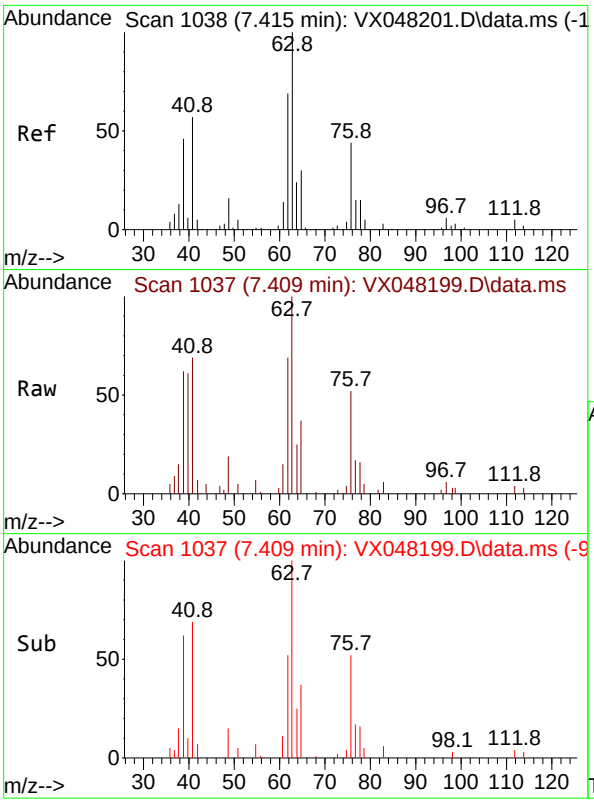


#44
Trichloroethene
Concen: 5.115 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:130 Resp: 9855

Ion	Ratio	Lower	Upper
130	100		
95	108.2	0.0	200.6

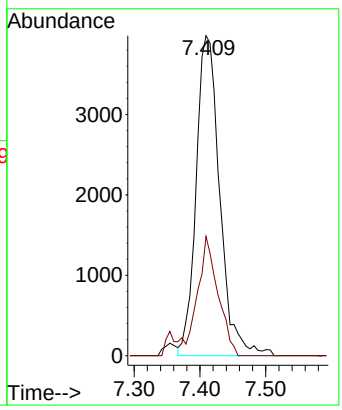




#45
1,2-Dichloropropane
Concen: 5.139 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 63 Resp: 994

Ion	Ratio	Lower	Upper
63	100		
65	37.2	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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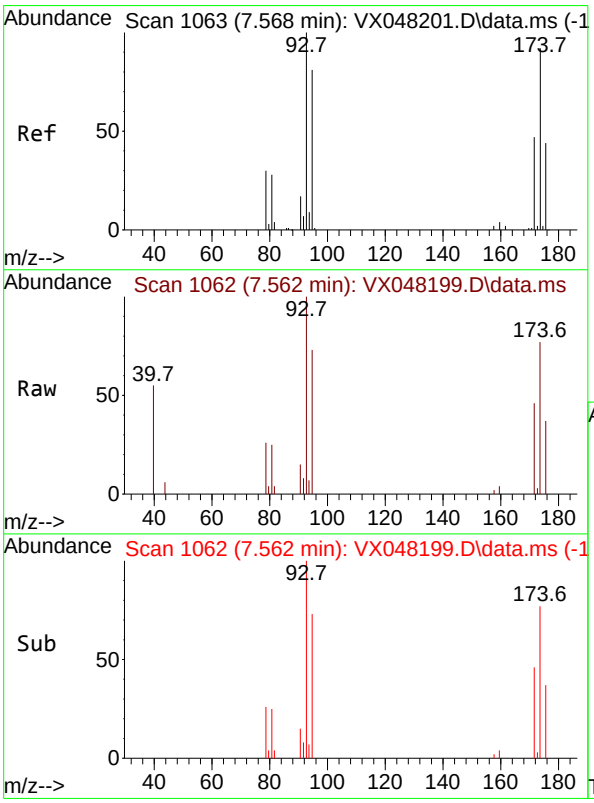
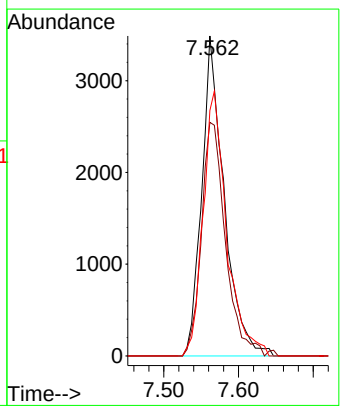
Supervised By :Mahesh Dadoda 10/20/2025

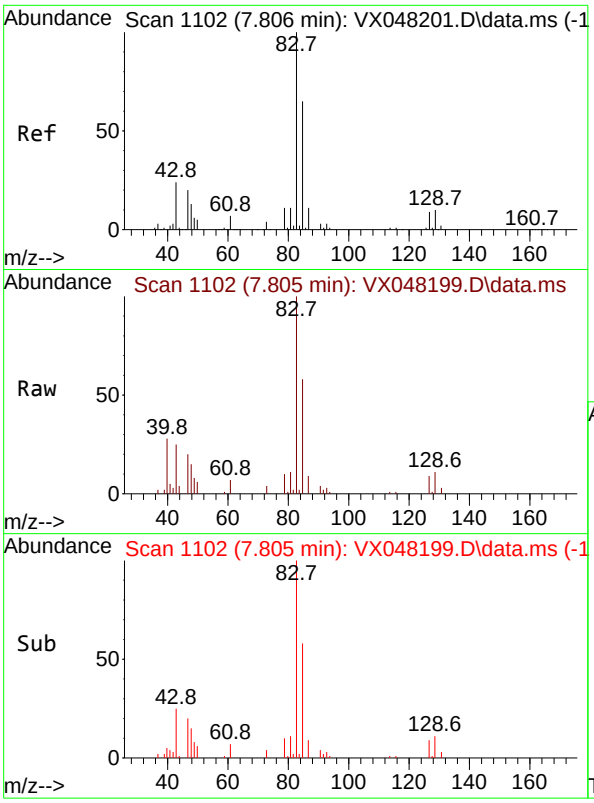


#46
Dibromomethane
Concen: 5.203 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 93 Resp: 7243

Ion	Ratio	Lower	Upper
93	100		
95	78.9	65.9	98.9
174	87.4	71.7	107.5

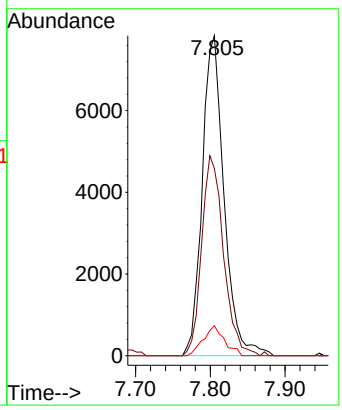




#47
Bromodichloromethane
Concen: 5.268 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 83 Resp: 1585

Ion	Ratio	Lower	Upper
83	100		
85	57.2	52.2	78.4
127	9.1	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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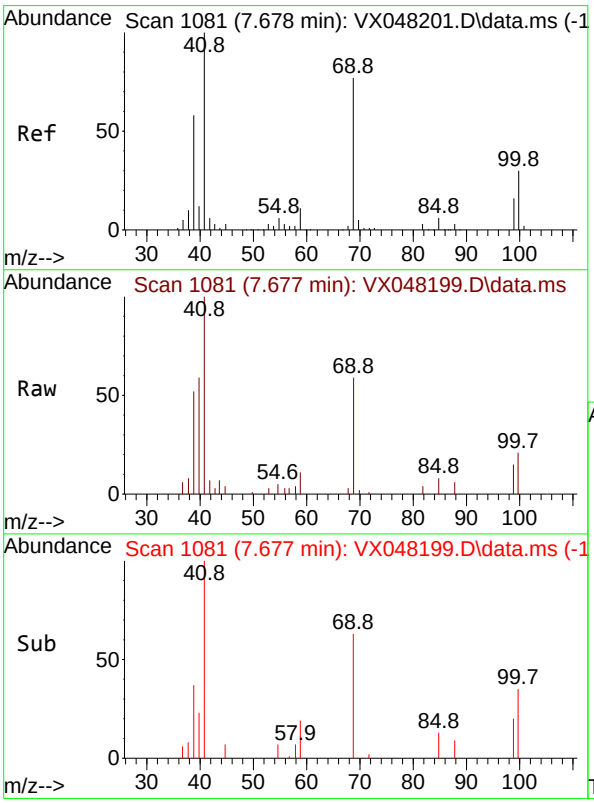
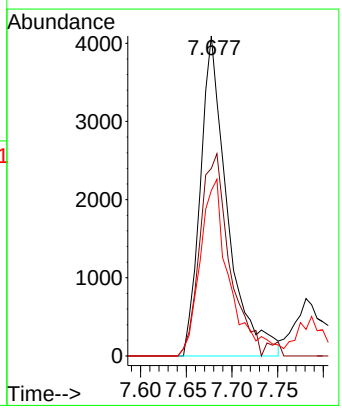
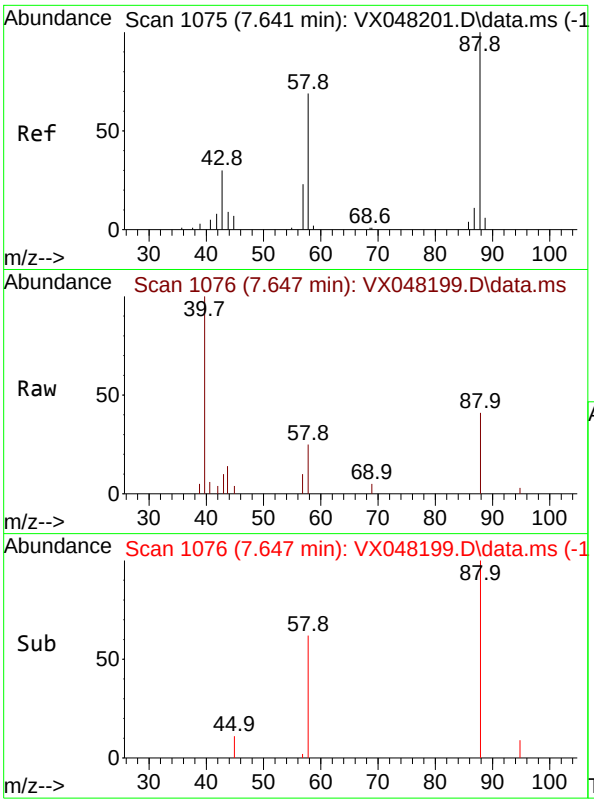


#48
Methyl methacrylate
Concen: 4.759 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 41 Resp: 8414

Ion	Ratio	Lower	Upper
41	100		
69	68.9	63.4	95.0
39	60.1	47.1	70.7





#49
1,4-Dioxane
Concen: 100.719 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 88 Resp: 160

Ion	Ratio	Lower	Upper
88	100		
43	0.0	35.0	52.4
58	71.4	61.9	92.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 10/20/2025
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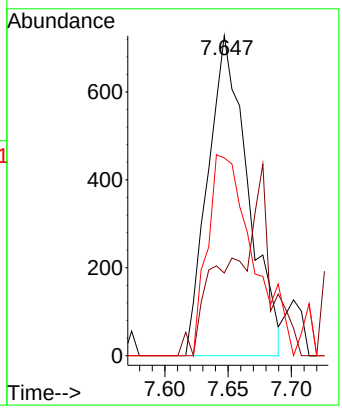
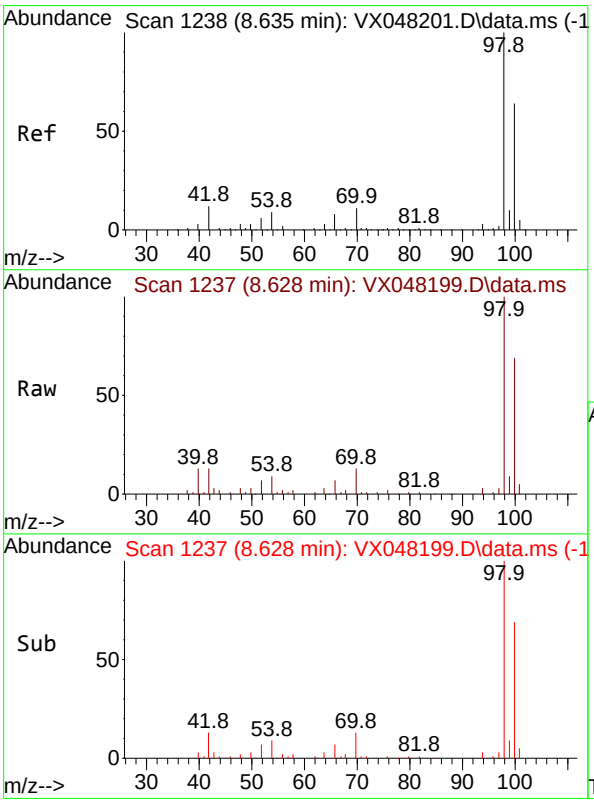
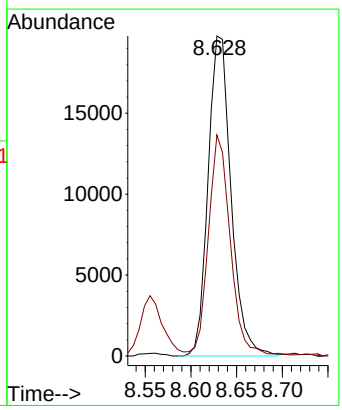


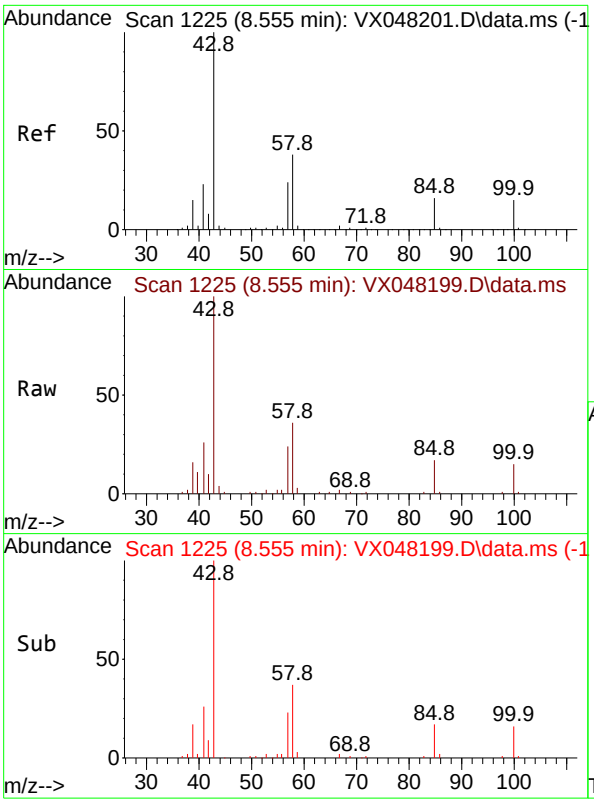


#50
Toluene-d8
Concen: 5.245 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 98 Resp: 34534

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.0	79.4

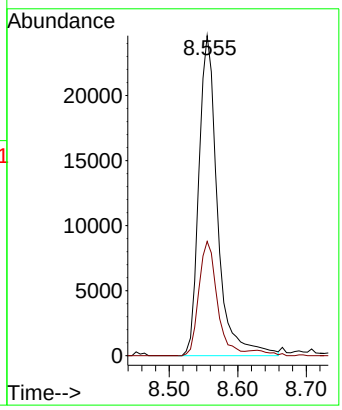




#51
4-Methyl-2-Pentanone
Concen: 24.280 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 43 Resp: 4666

Ion	Ratio	Lower	Upper
43	100		
58	35.1	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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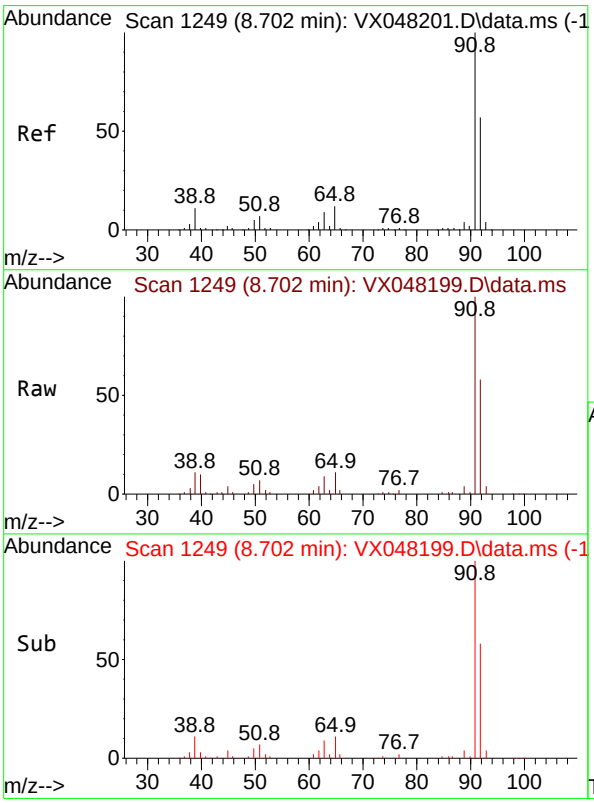
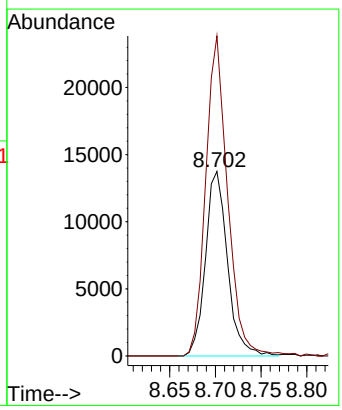
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

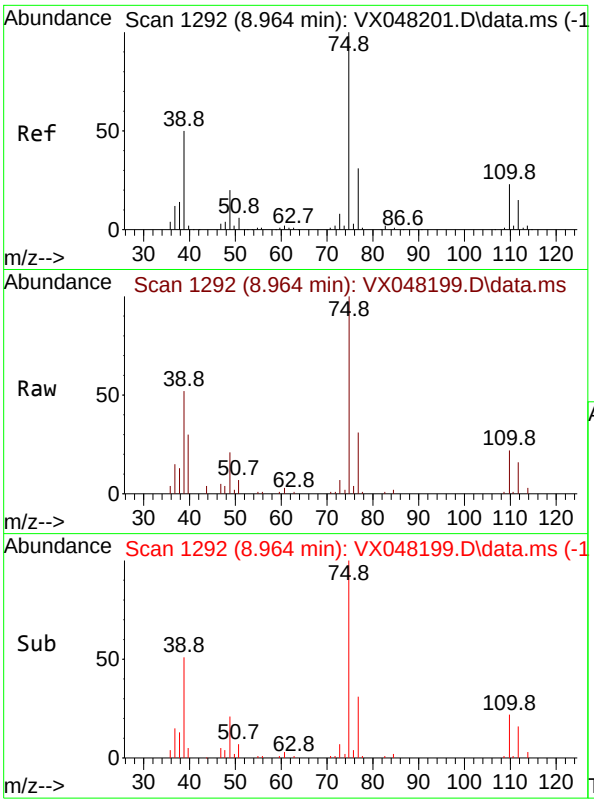


#52
Toluene
Concen: 5.010 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 92 Resp: 23020

Ion	Ratio	Lower	Upper
92	100		
91	172.2	136.1	204.1

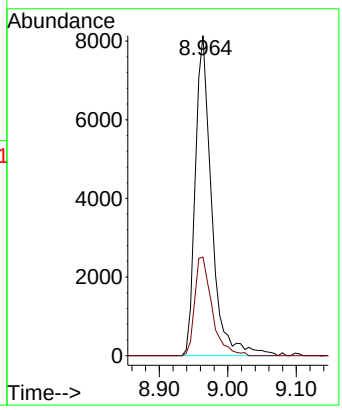




#53
t-1,3-Dichloropropene
Concen: 4.799 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 75 Resp: 1352

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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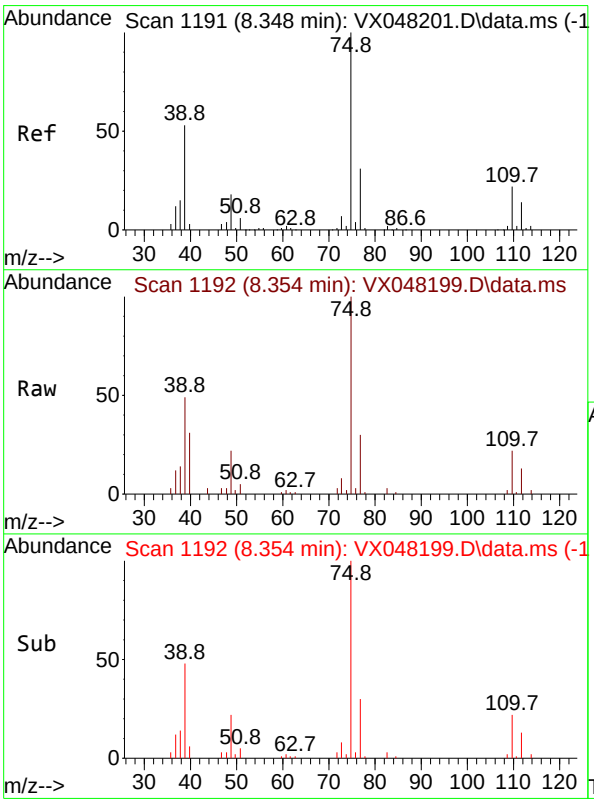
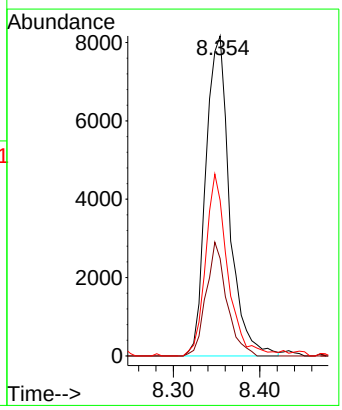
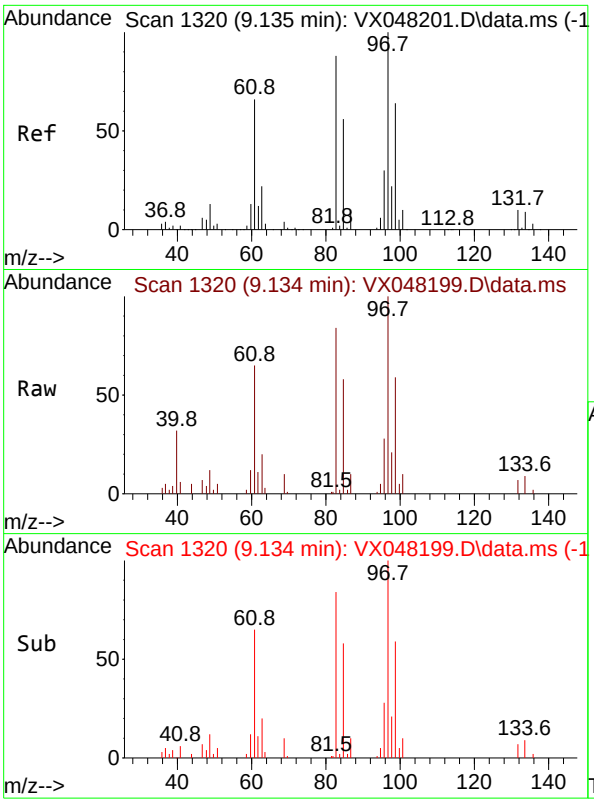


#54
cis-1,3-Dichloropropene
Concen: 5.049 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 75 Resp: 15513

Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.9	37.3
39	22.8	42.6	64.0#

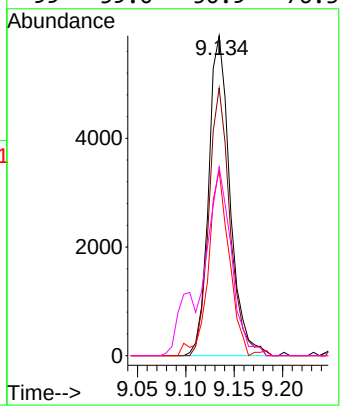




#55
1,1,2-Trichloroethane
Concen: 5.297 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 97 Resp: 908

Ion	Ratio	Lower	Upper
97	100		
83	83.7	70.6	105.8
85	58.0	45.0	67.6
99	59.0	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Reviewed By :John Carlone 10/20/2025
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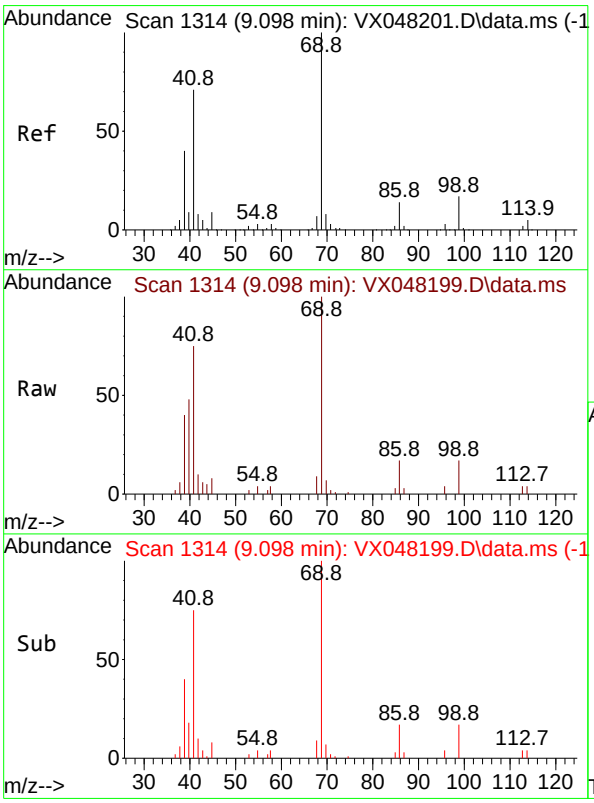
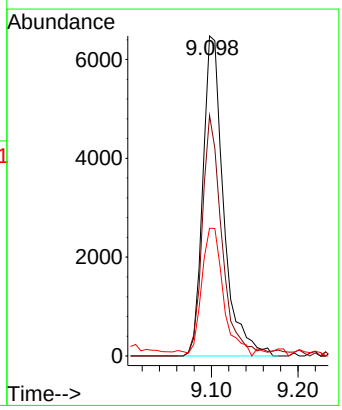
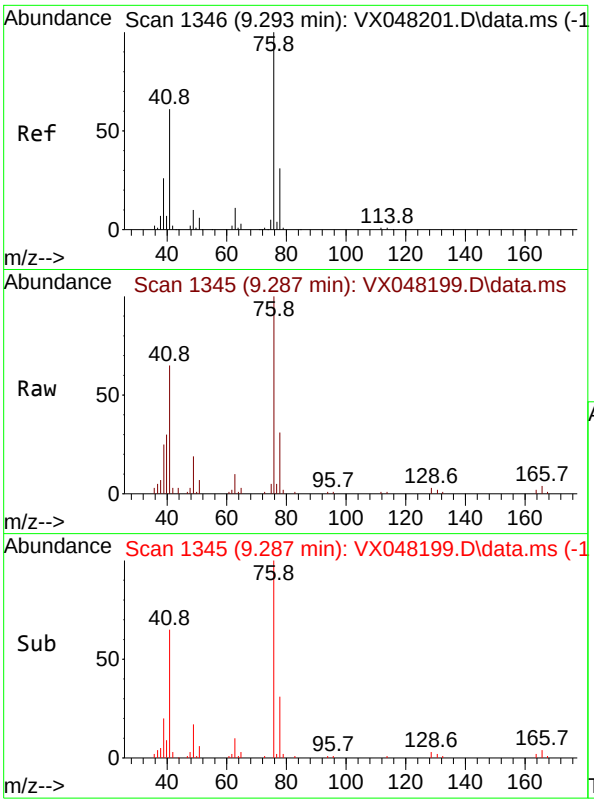


#56
Ethyl methacrylate
Concen: 4.629 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 69 Resp: 10795

Ion	Ratio	Lower	Upper
69	100		
41	71.5	56.0	84.0
39	41.6	31.6	47.4

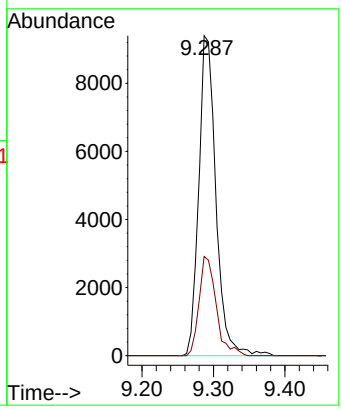




#57
1,3-Dichloropropane
Concen: 5.234 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 76 Resp: 1567

Ion	Ratio	Lower	Upper
76	100		
78	30.9	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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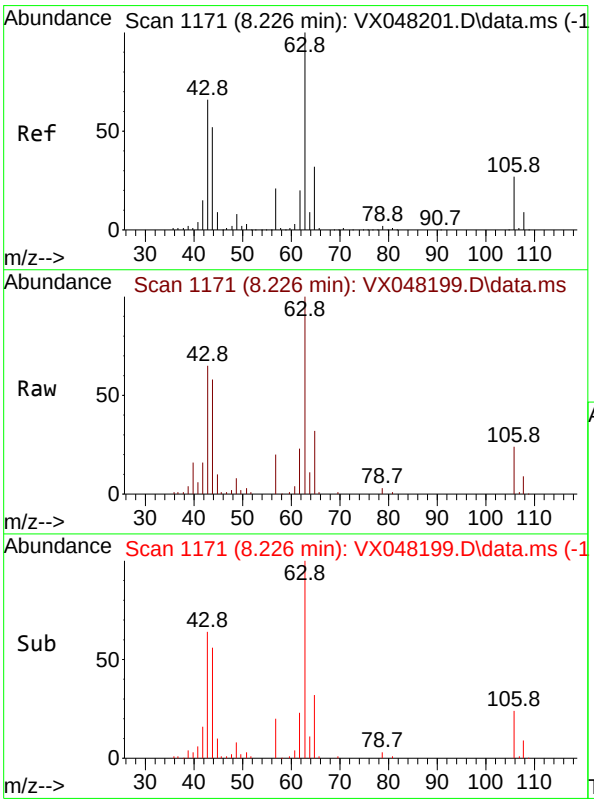
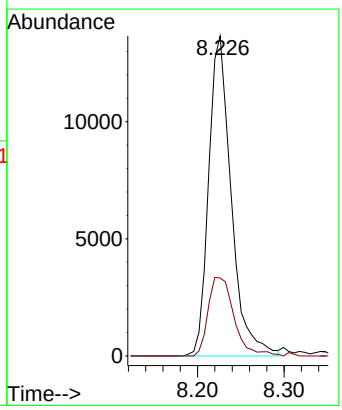
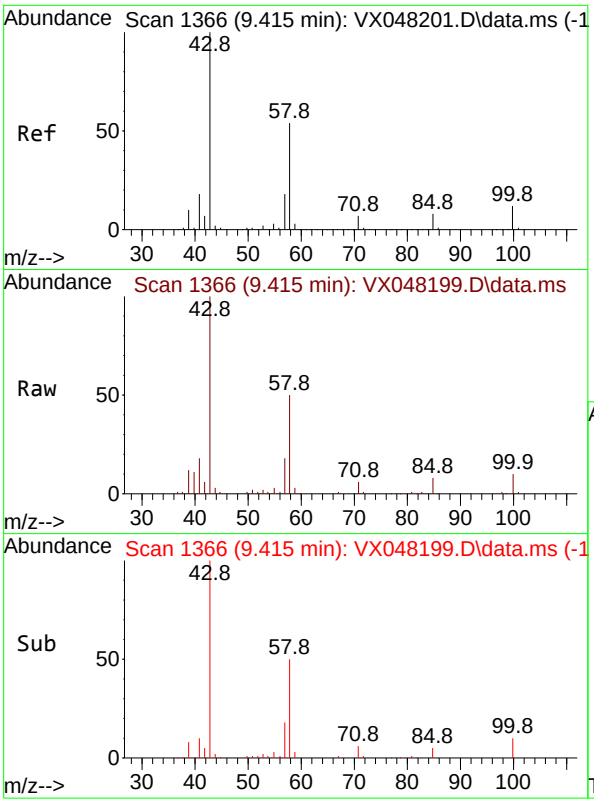


#58
2-Chloroethyl Vinyl ether
Concen: 30.551 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 63 Resp: 24721

Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.2	33.2

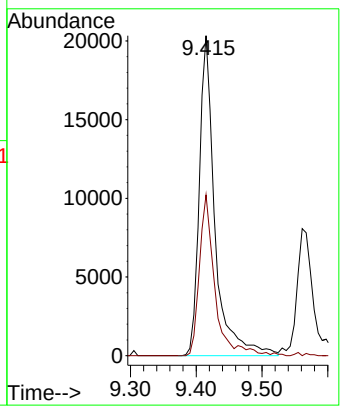




#59
2-Hexanone
Concen: 24.963 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 43 Resp: 3355

Ion	Ratio	Lower	Upper
43	100		
58	50.0	26.3	78.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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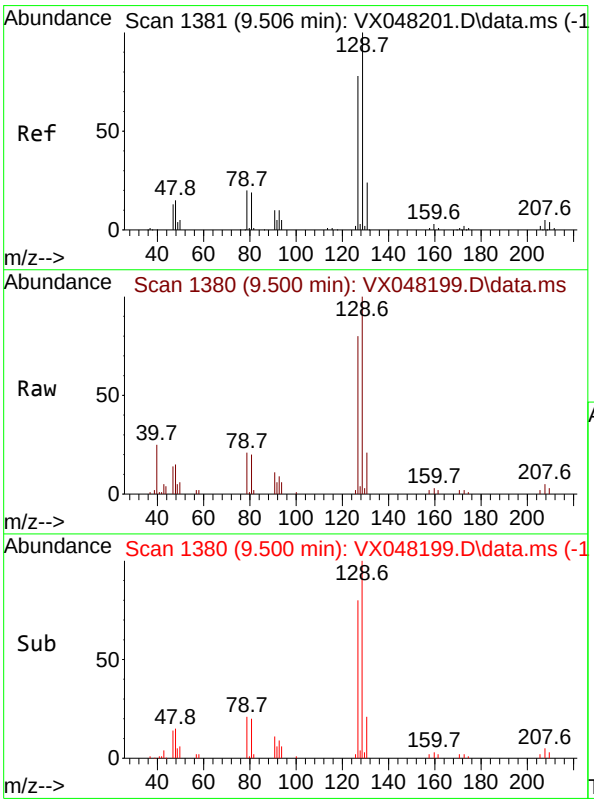
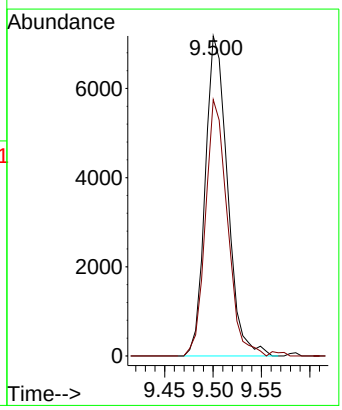
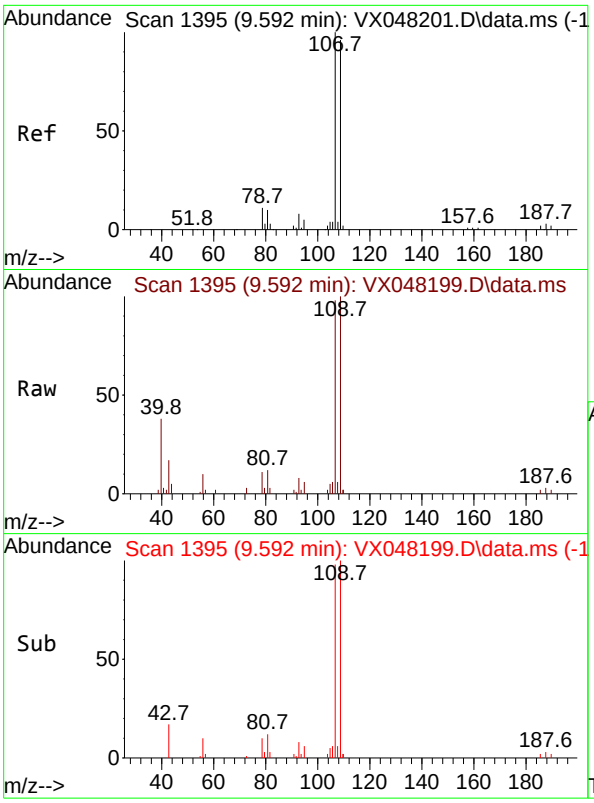


#60
Dibromochloromethane
Concen: 5.352 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:129 Resp: 11485

Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.6	115.7





#61
1,2-Dibromoethane
Concen: 5.089 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:107 Resp: 894

Ion	Ratio	Lower	Upper
107	100		
109	94.5	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 10/20/2025
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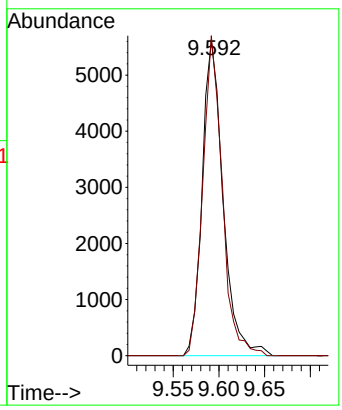
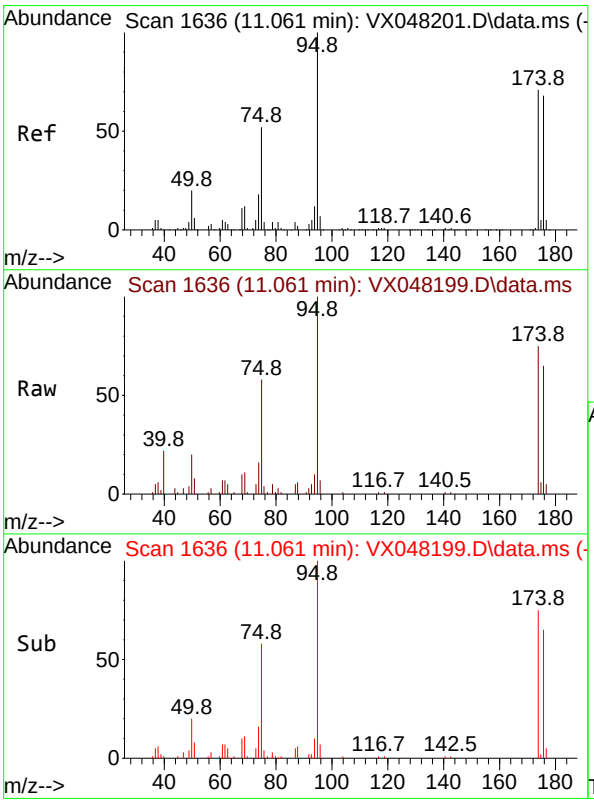
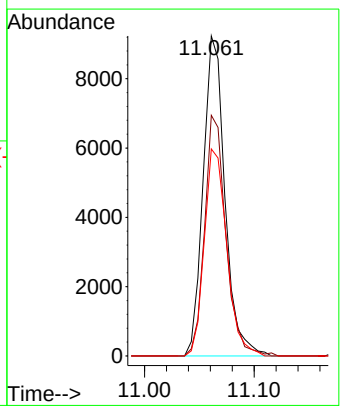


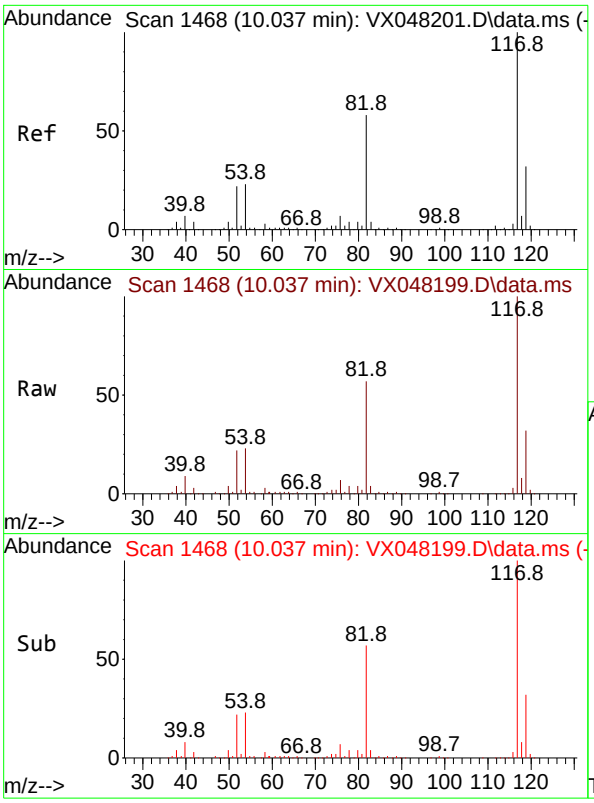


#62
4-Bromofluorobenzene
Concen: 5.294 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 95 Resp: 12695

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	147.8
176	67.0	0.0	142.8

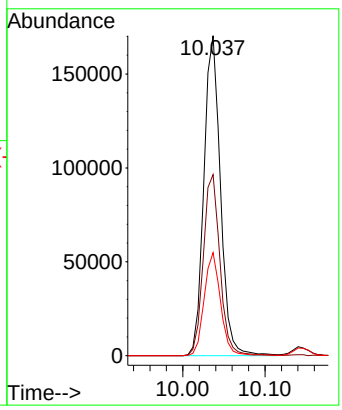




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:117 Resp: 23939

Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.5	69.7
119	32.2	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 10/20/2025
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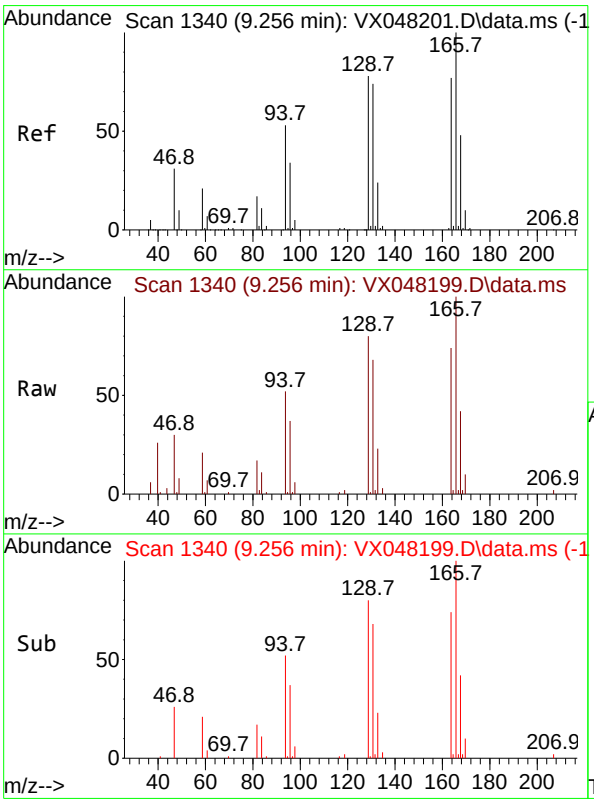
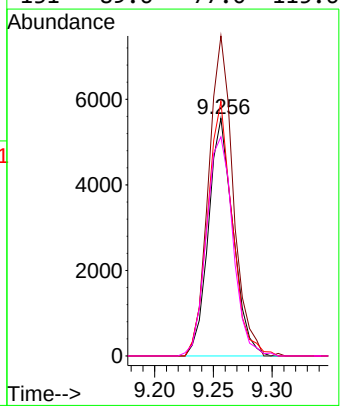
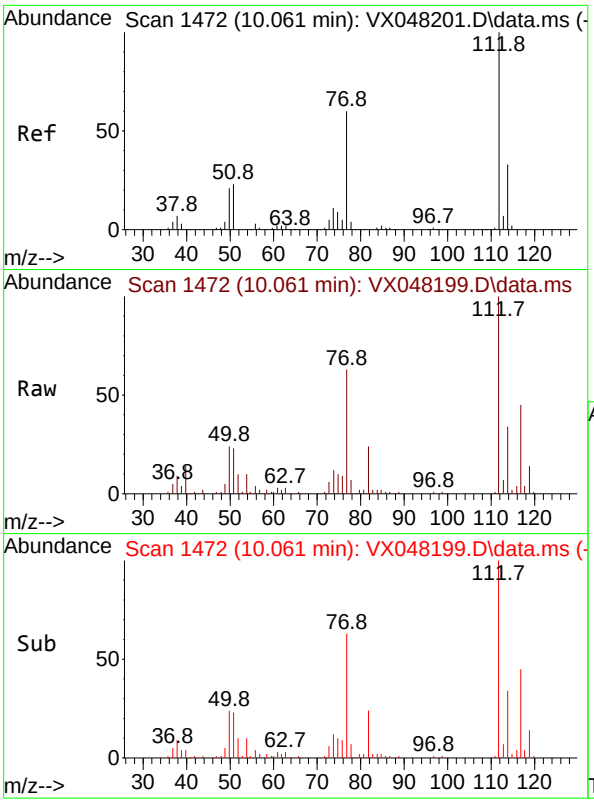


#64
Tetrachloroethene
Concen: 4.807 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:164 Resp: 8068

Ion	Ratio	Lower	Upper
164	100		
166	130.7	104.5	156.7
129	104.0	81.8	122.6
131	89.6	77.0	115.6

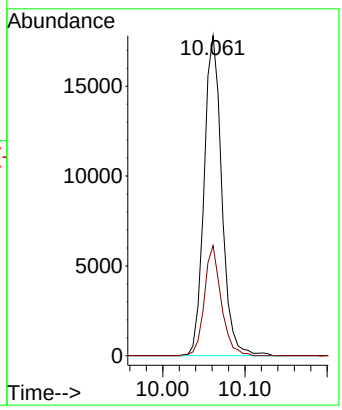




#65
Chlorobenzene
Concen: 5.091 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:112 Resp: 2664

Ion	Ratio	Lower	Upper
112	100		
114	34.4	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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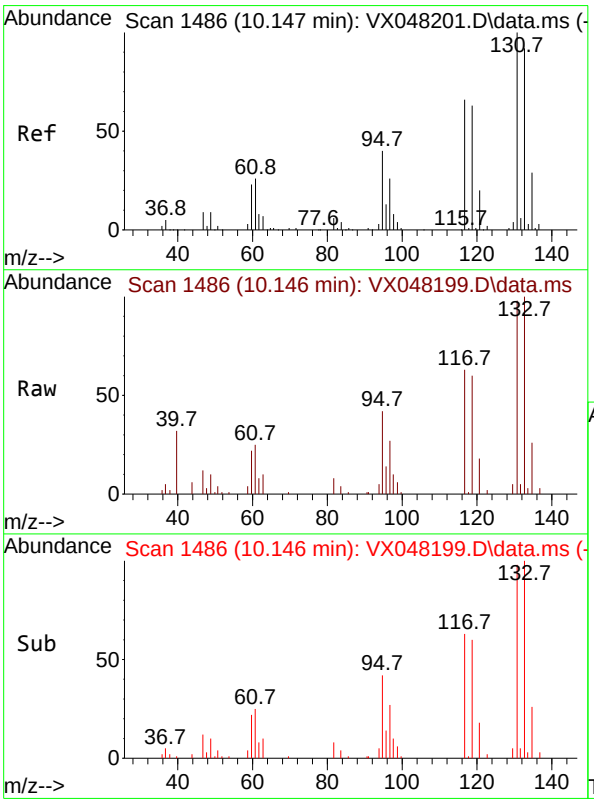
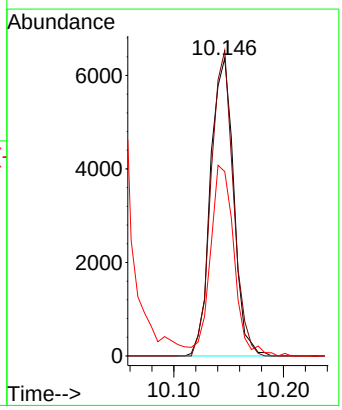
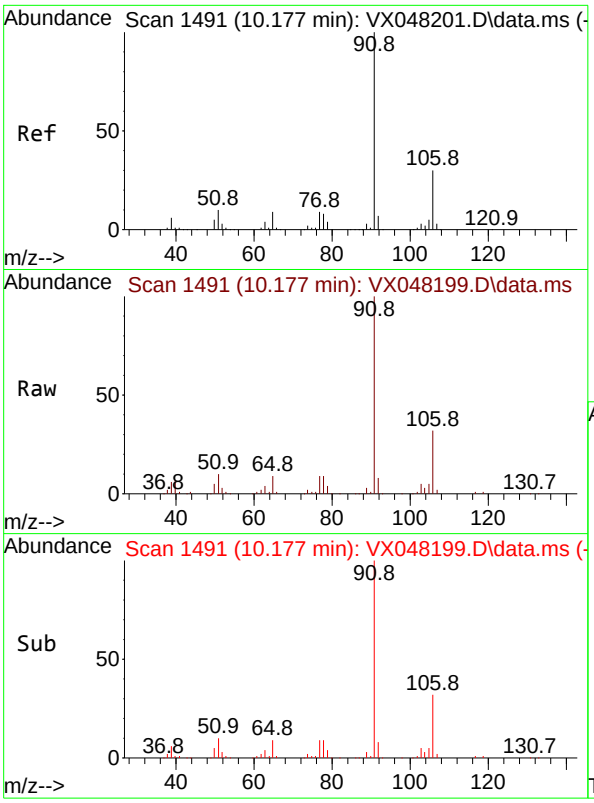


#66
1,1,1,2-Tetrachloroethane
Concen: 4.961 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:131 Resp: 9358

Ion	Ratio	Lower	Upper
131	100		
133	98.5	47.6	142.8
119	65.2	32.5	97.5

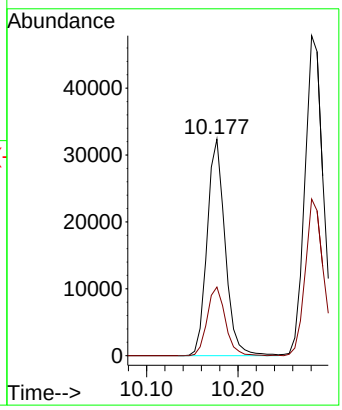




#67
Ethyl Benzene
Concen: 4.927 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 91 Resp: 4421

Ion	Ratio	Lower	Upper
91	100		
106	31.7	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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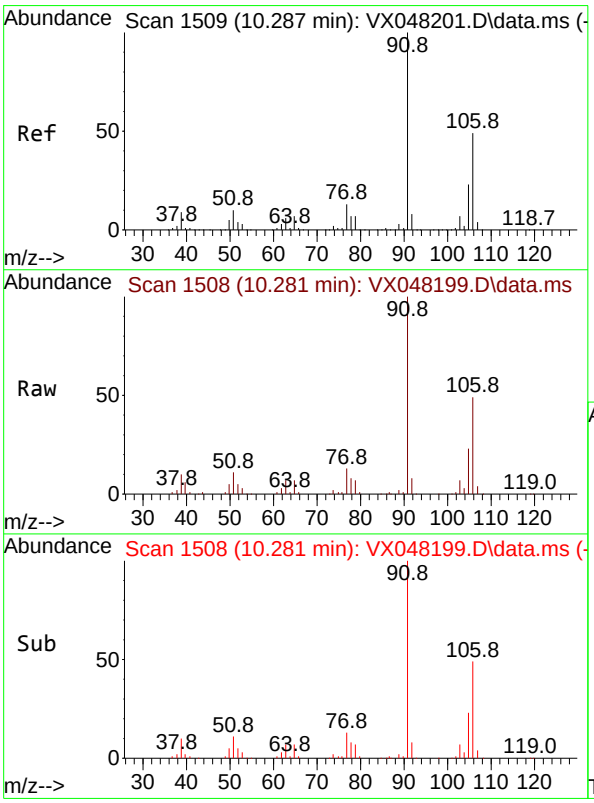
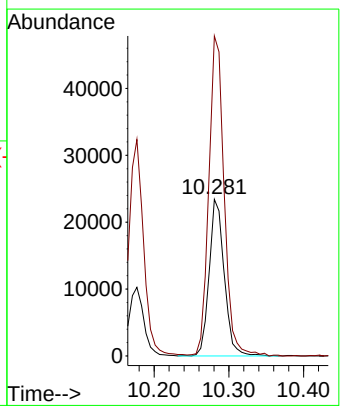
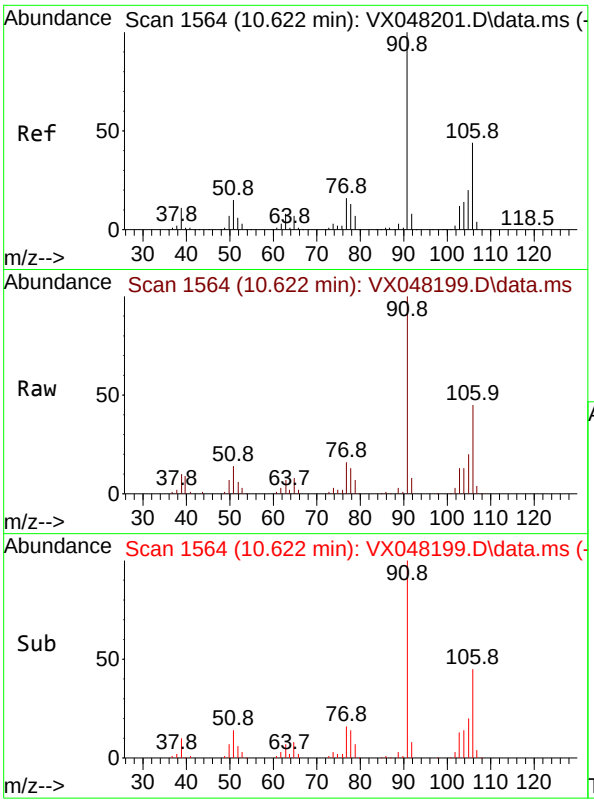


#68
m/p-Xylenes
Concen: 9.839 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:106 Resp: 32891

Ion	Ratio	Lower	Upper
106	100		
91	207.5	167.9	251.9

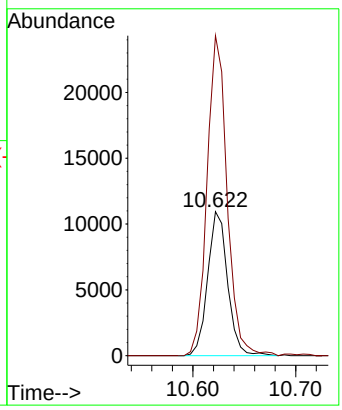




#69
o-Xylene
Concen: 4.681 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:106 Resp: 1473

Ion	Ratio	Lower	Upper
106	100		
91	223.2	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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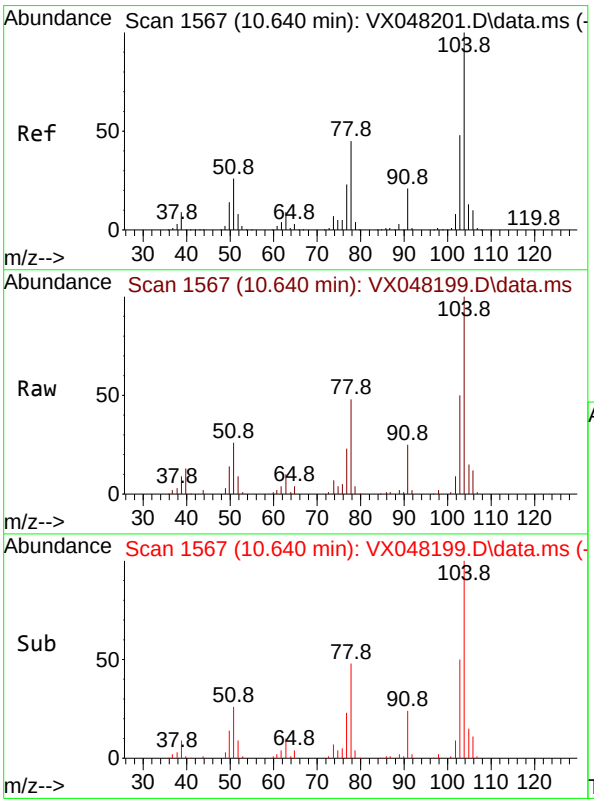
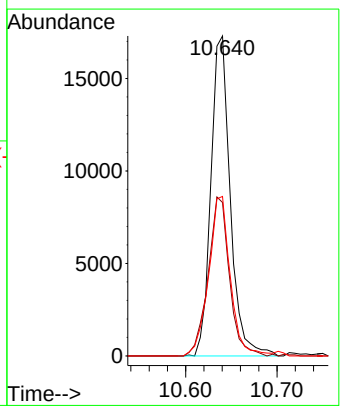
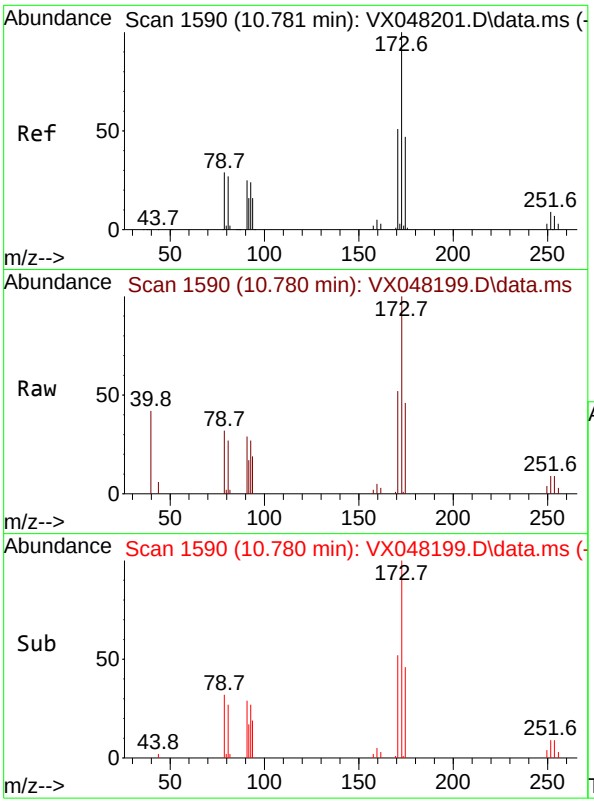


#70
Styrene
Concen: 4.712 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:104 Resp: 25526

Ion	Ratio	Lower	Upper
104	100		
78	54.6	42.2	63.4
103	55.7	43.0	64.4

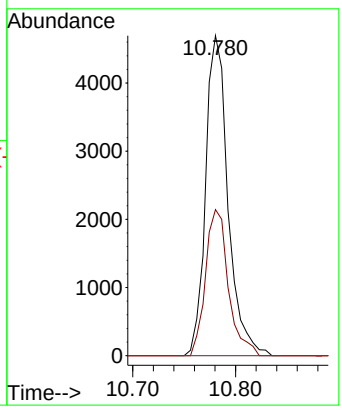




#71
Bromoform
Concen: 5.135 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:173 Resp: 711

Ion	Ratio	Lower	Upper
173	100		
175	46.6	24.0	72.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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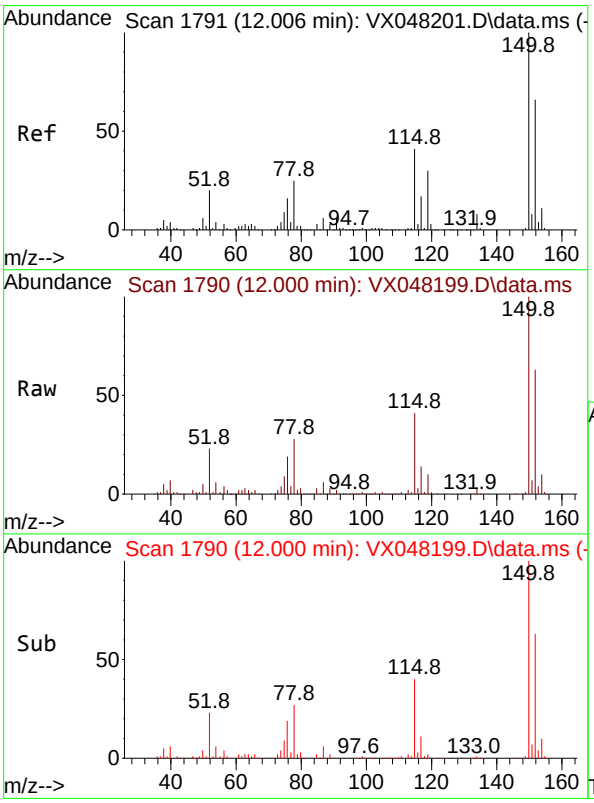
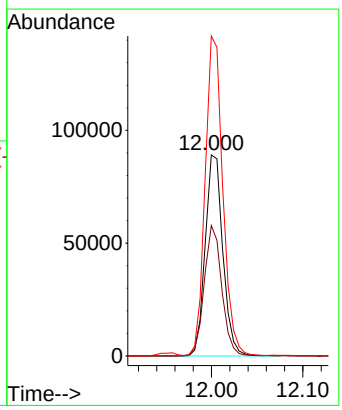
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

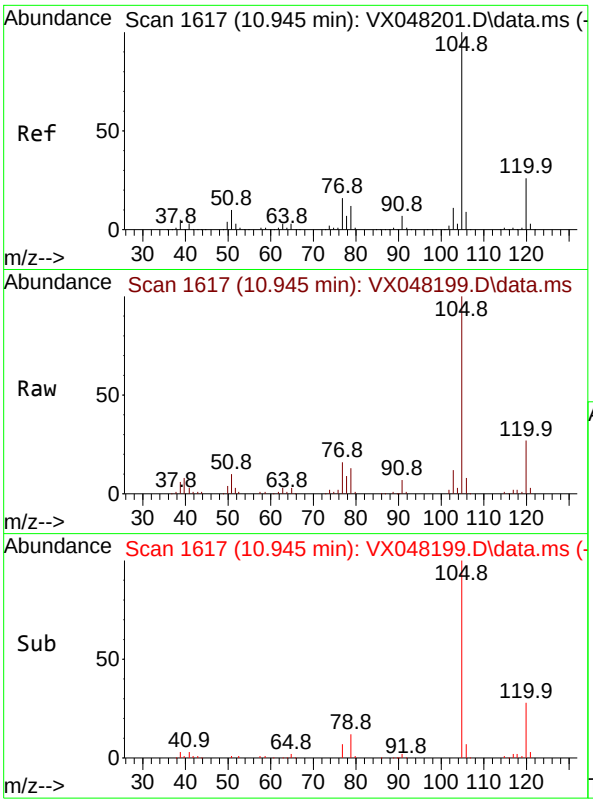


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:152 Resp: 119256

Ion	Ratio	Lower	Upper
152	100		
115	64.5	43.1	129.4
150	158.4	0.0	353.0

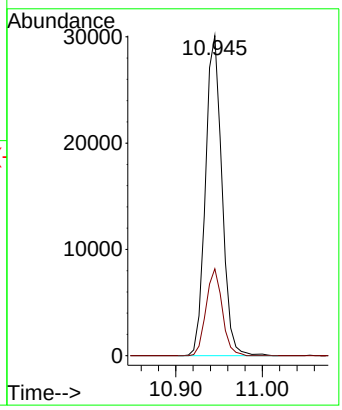




#73
Isopropylbenzene
Concen: 4.792 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:105 Resp: 3974

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.0	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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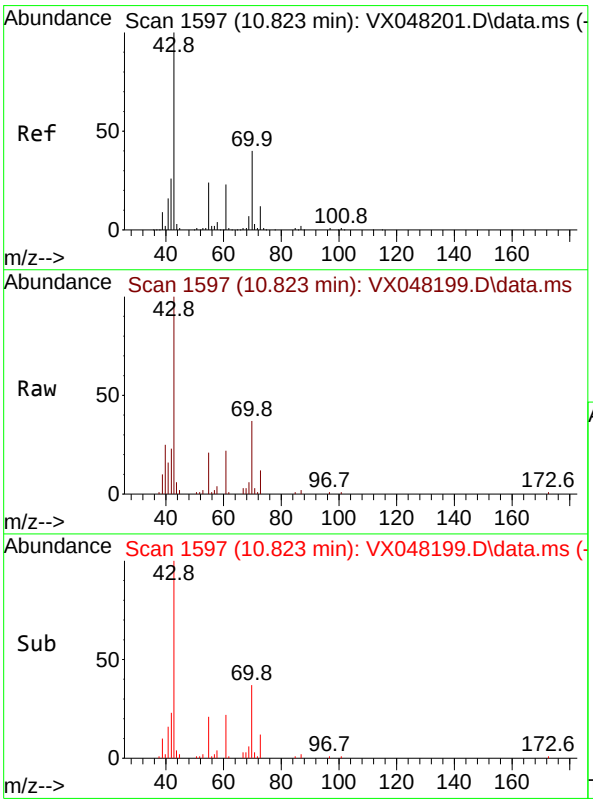
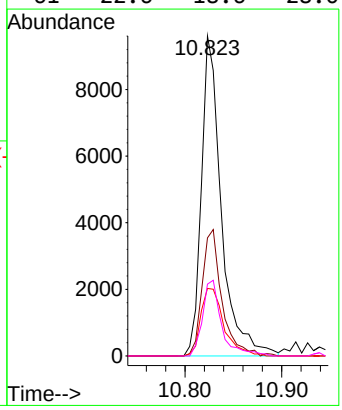
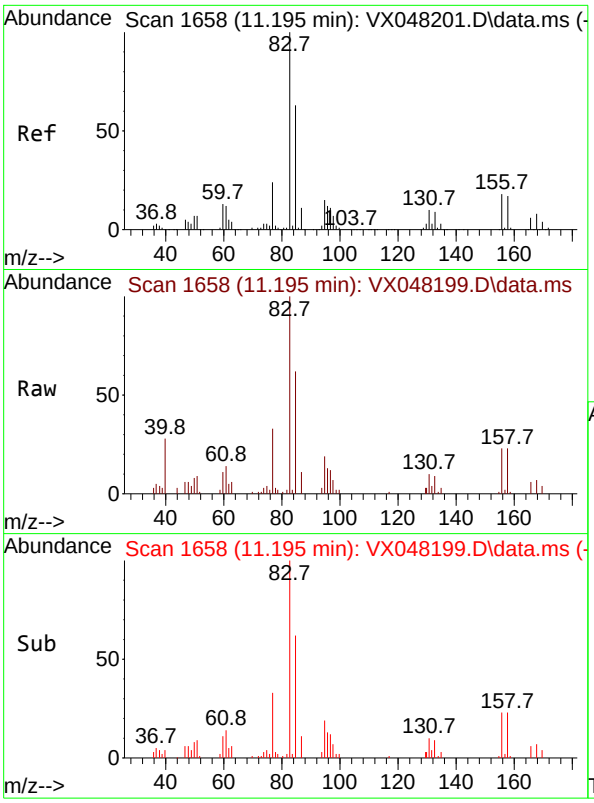


#74
N-amyl acetate
Concen: 4.475 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 43 Resp: 13847

Ion	Ratio	Lower	Upper
43	100		
70	39.1	32.2	48.2
55	24.4	19.1	28.7
61	22.6	18.6	28.0

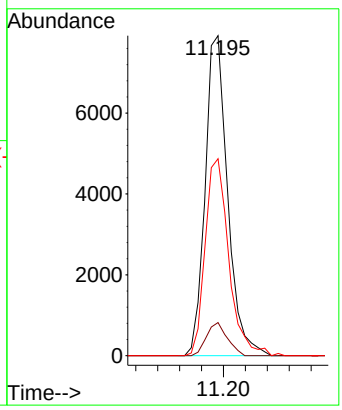




#75
1,1,2,2-Tetrachloroethane
Concen: 4.798 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 83 Resp: 1127

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	64.8	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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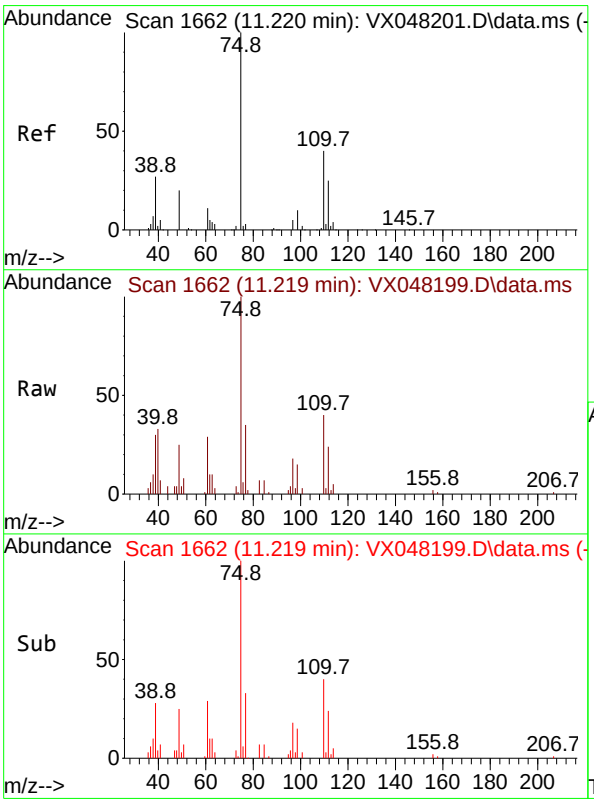
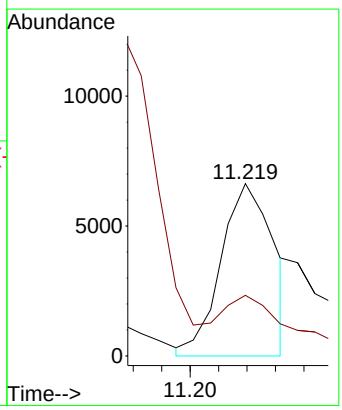
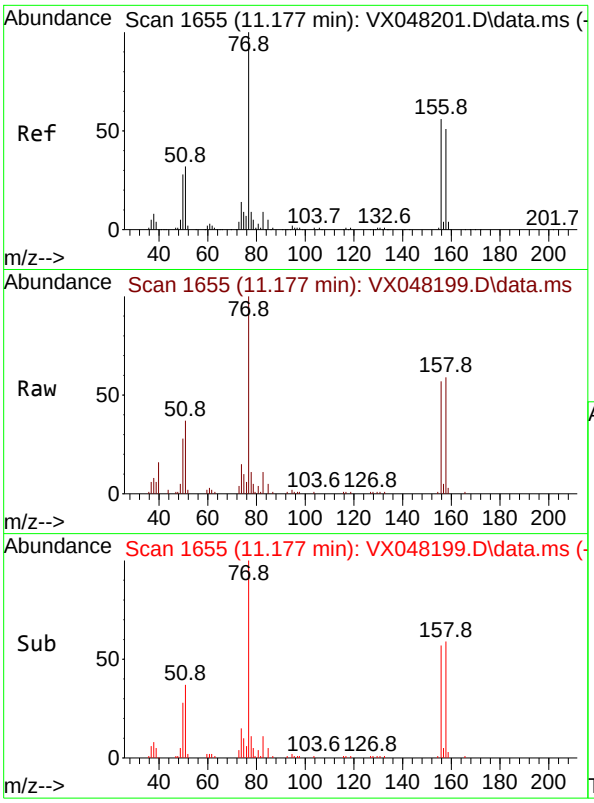


#76
1,2,3-Trichloropropane
Concen: 4.691 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 75 Resp: 8543

Ion	Ratio	Lower	Upper
75	100		
77	47.5	22.4	67.2

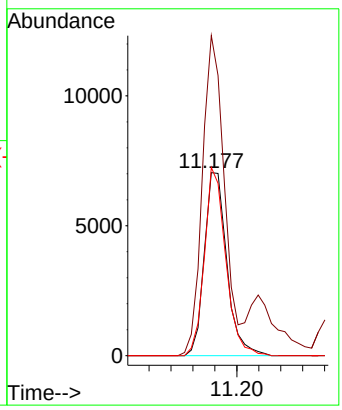




#77
Bromobenzene
Concen: 4.851 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:156 Resp: 1006

Ion	Ratio	Lower	Upper
156	100		
77	173.5	87.0	261.0
158	97.3	47.8	143.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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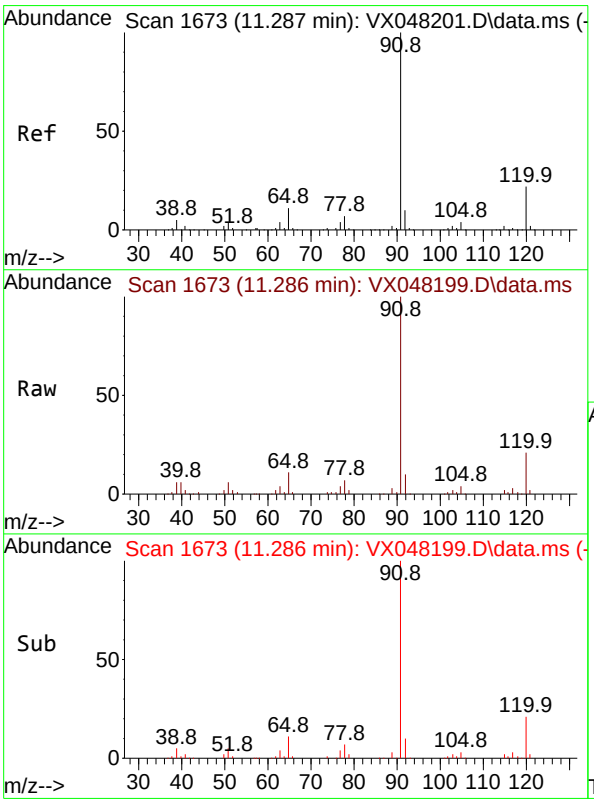
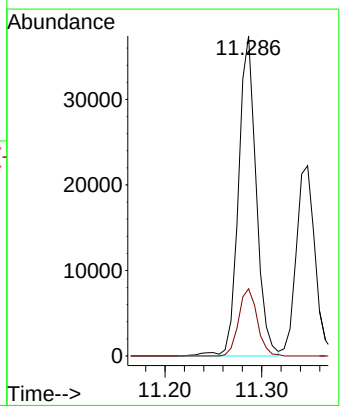
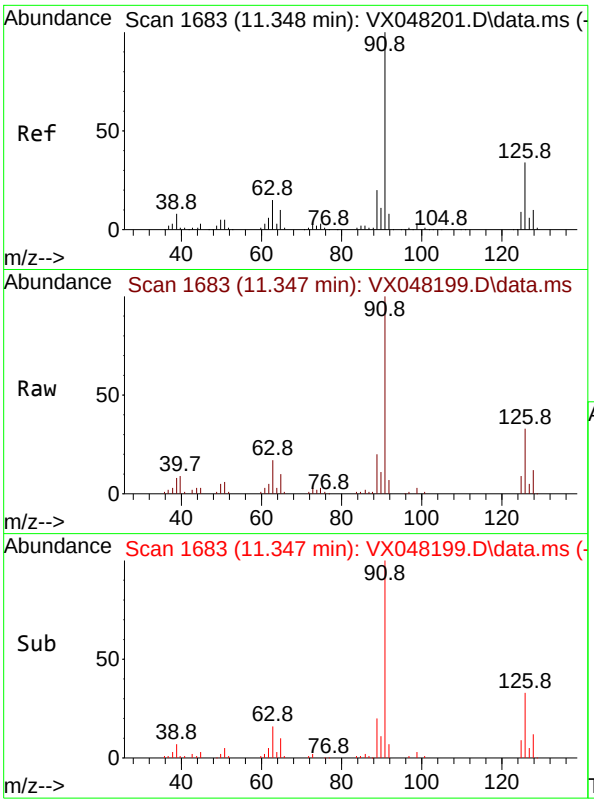


#78
n-propylbenzene
Concen: 4.740 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 91 Resp: 47678

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1

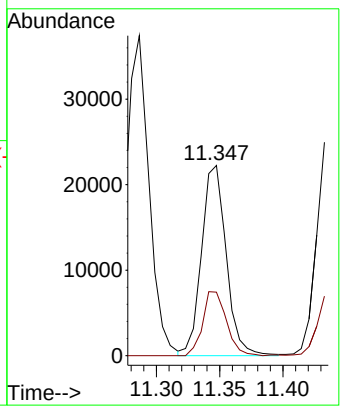




#79
2-Chlorotoluene
Concen: 4.977 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 91 Resp: 3024

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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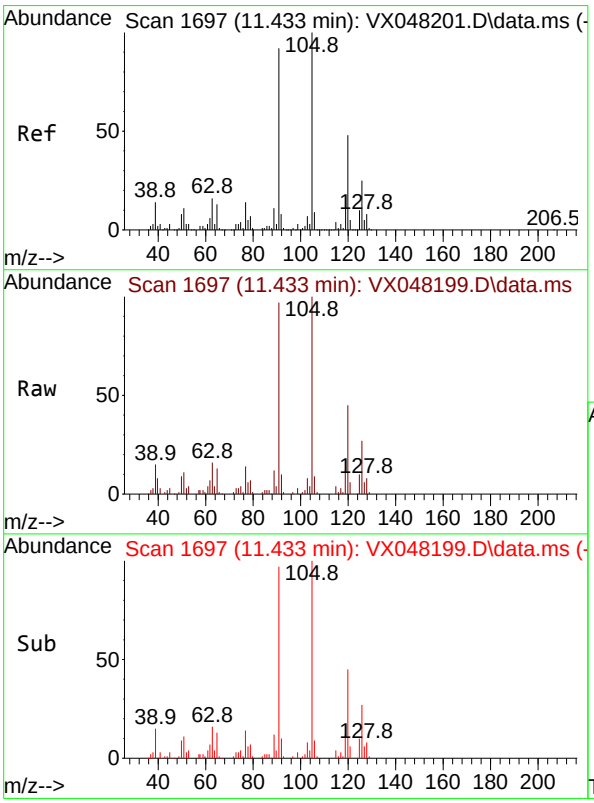
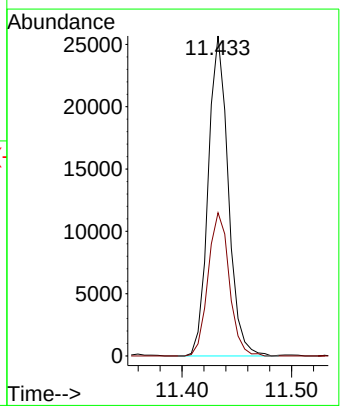
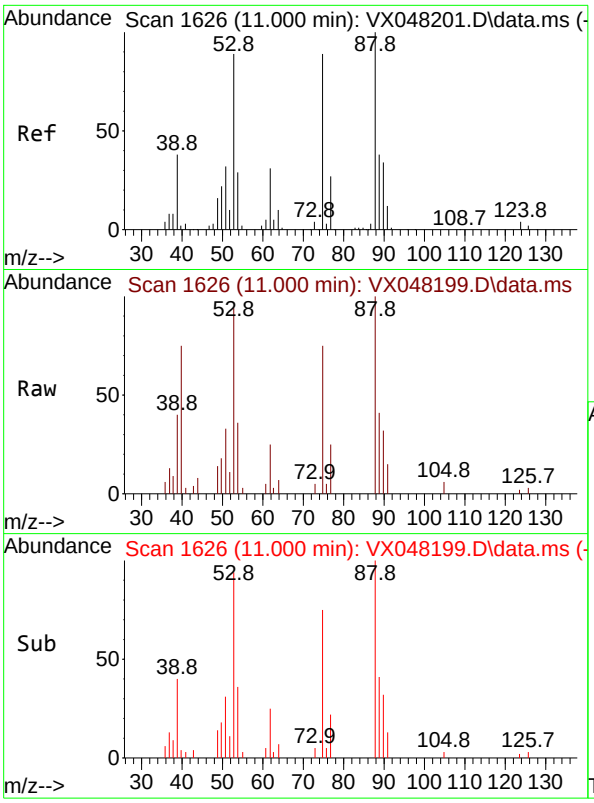


#80
1,3,5-Trimethylbenzene
Concen: 4.784 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:105 Resp: 32573

Ion	Ratio	Lower	Upper
105	100		
120	47.3	24.0	72.0

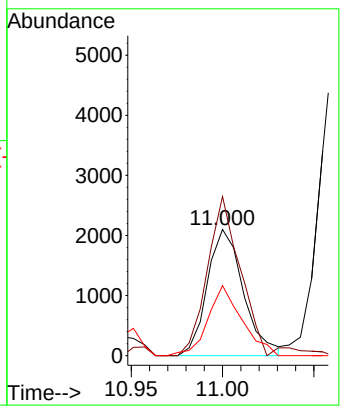




#81
trans-1,4-Dichloro-2-butene
Concen: 3.891 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 75 Resp: 289

Ion	Ratio	Lower	Upper
75	100		
53	116.7	79.5	119.3
89	52.1	36.8	55.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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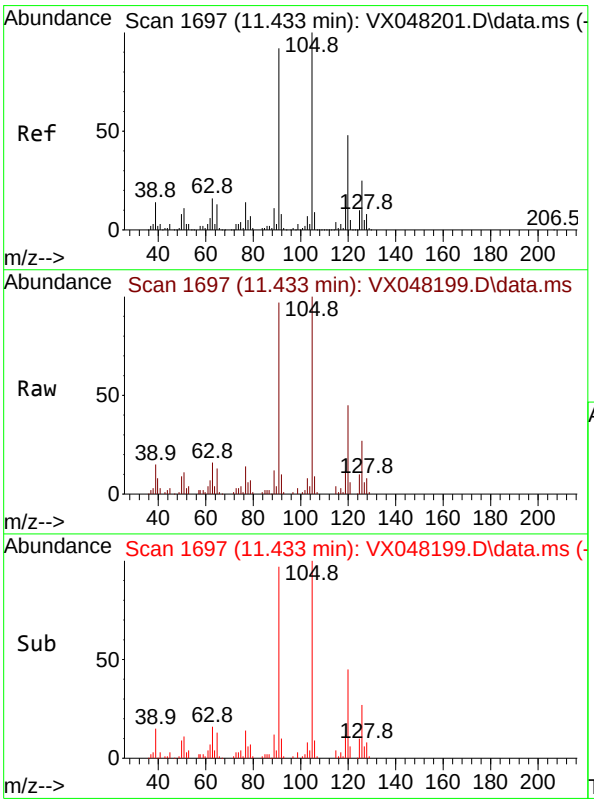
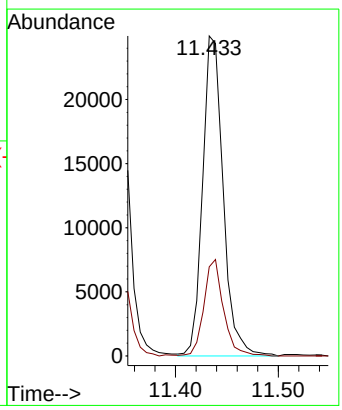
Supervised By :Mahesh Dadoda 10/20/2025

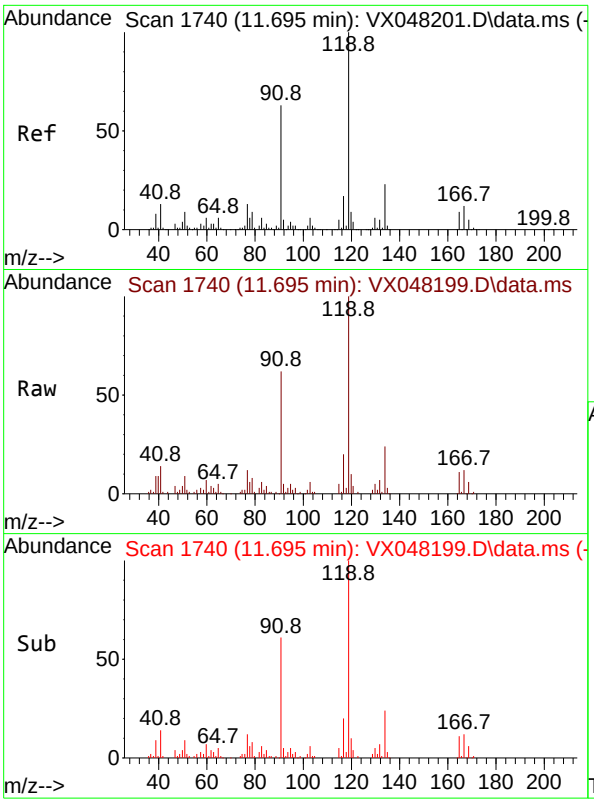


#82
4-Chlorotoluene
Concen: 4.879 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 91 Resp: 34843

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.1	42.4

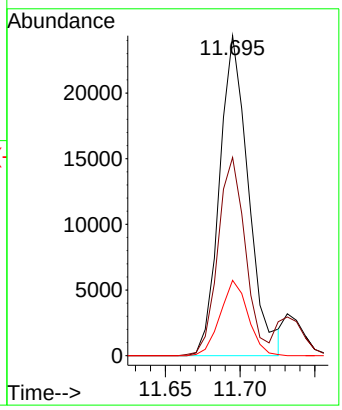




#83
tert-Butylbenzene
Concen: 4.756 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:119 Resp: 3271

Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.3	91.0
134	22.7	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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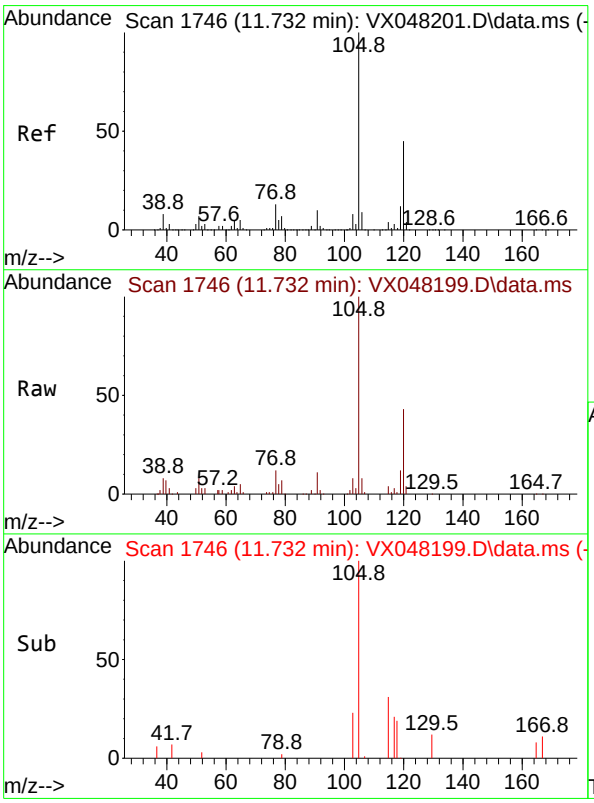
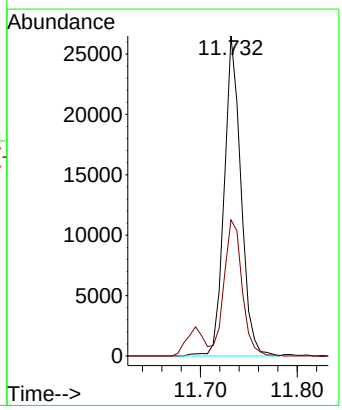
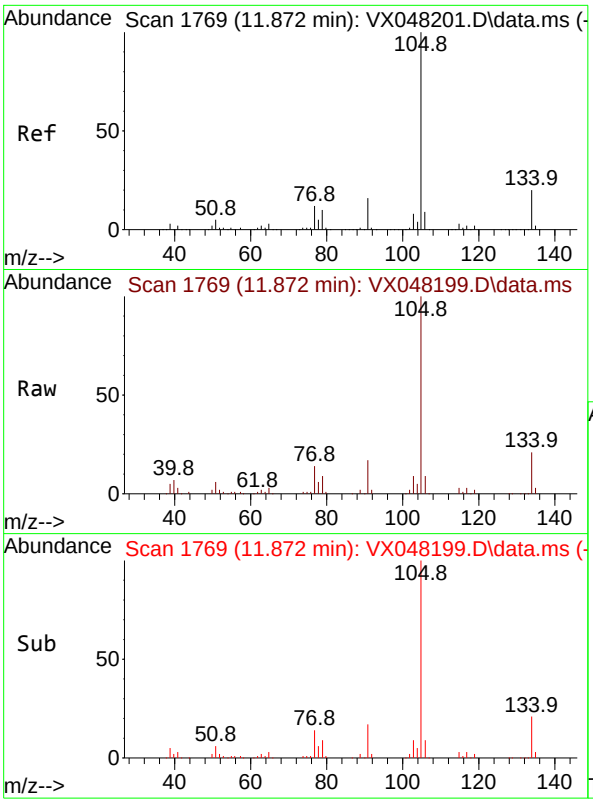


#84
1,2,4-Trimethylbenzene
Concen: 4.687 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:105 Resp: 31779

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.1	66.5

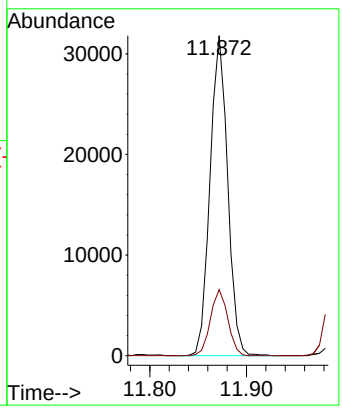




#85
sec-Butylbenzene
Concen: 4.777 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:105 Resp: 4017

Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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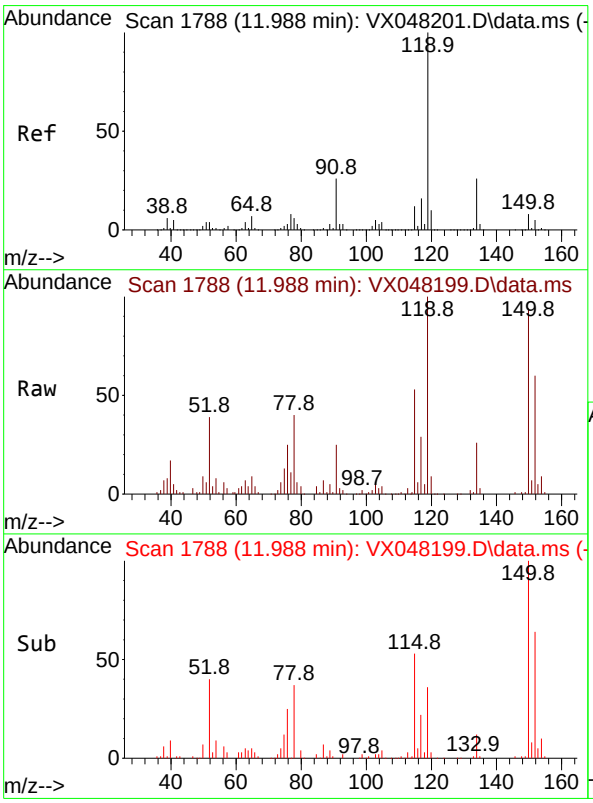
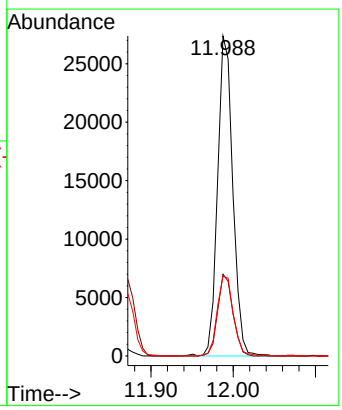
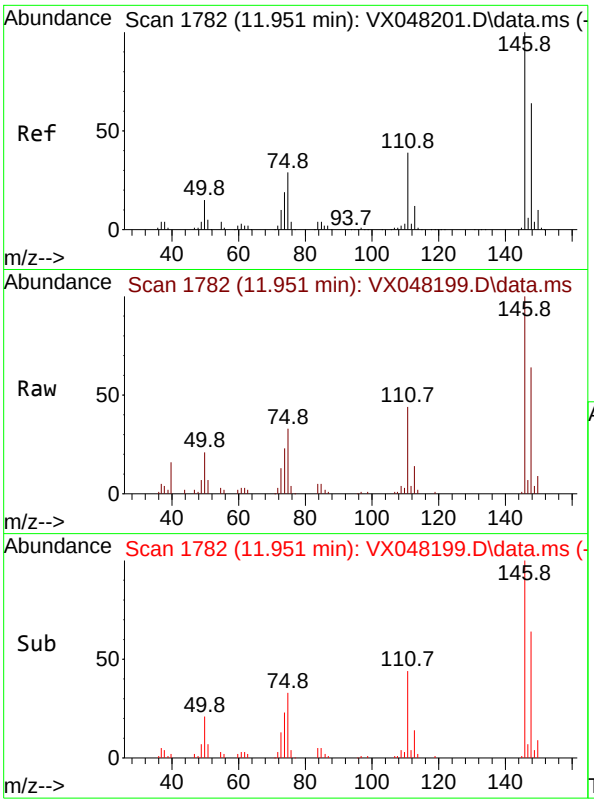


#86
p-Isopropyltoluene
Concen: 4.954 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:119 Resp: 35118

Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	39.0
91	26.5	12.1	36.3

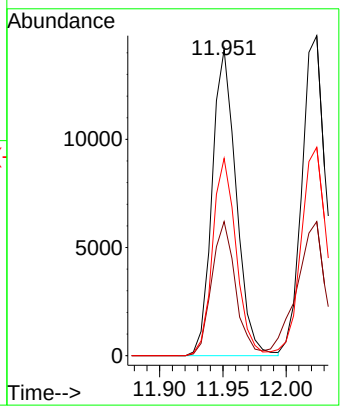




#87
1,3-Dichlorobenzene
Concen: 4.816 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:146 Resp: 1869

Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.4	61.2
148	63.1	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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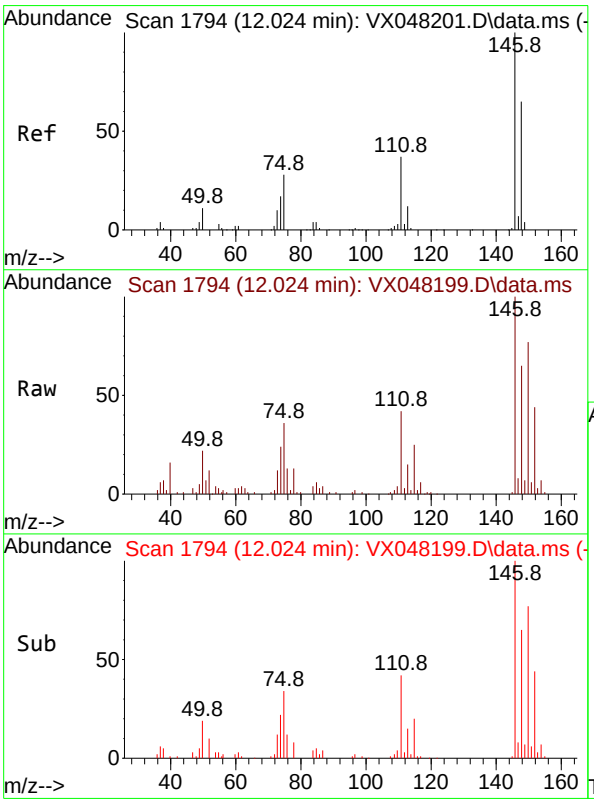
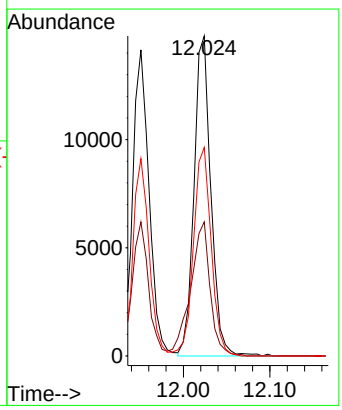
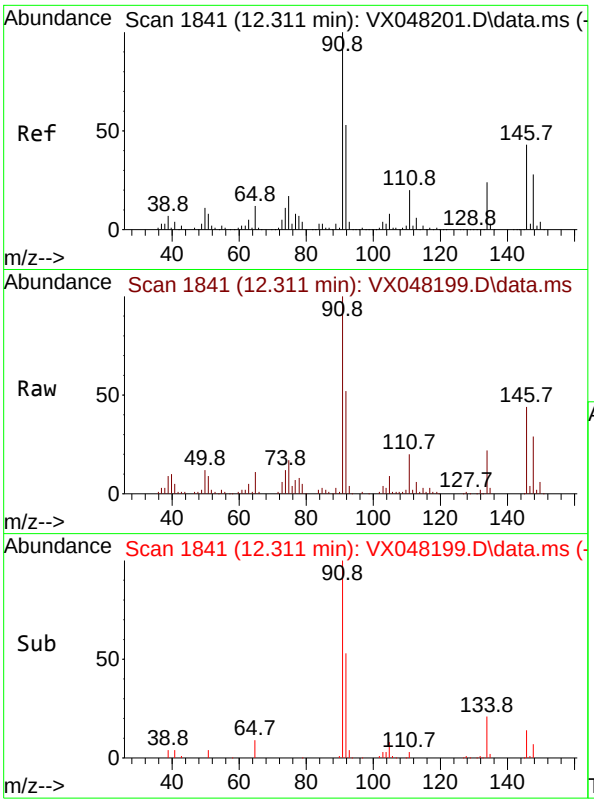


#88
1,4-Dichlorobenzene
Concen: 4.974 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:146 Resp: 20013

Ion	Ratio	Lower	Upper
146	100		
111	48.9	20.1	60.2
148	68.3	31.8	95.3

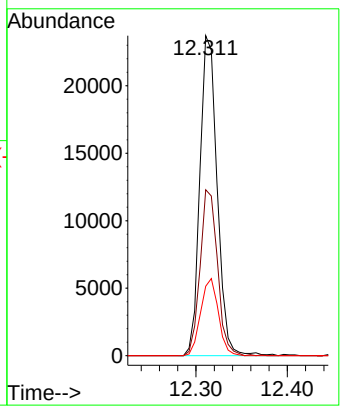




#89
n-Butylbenzene
Concen: 4.709 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 91 Resp: 3108

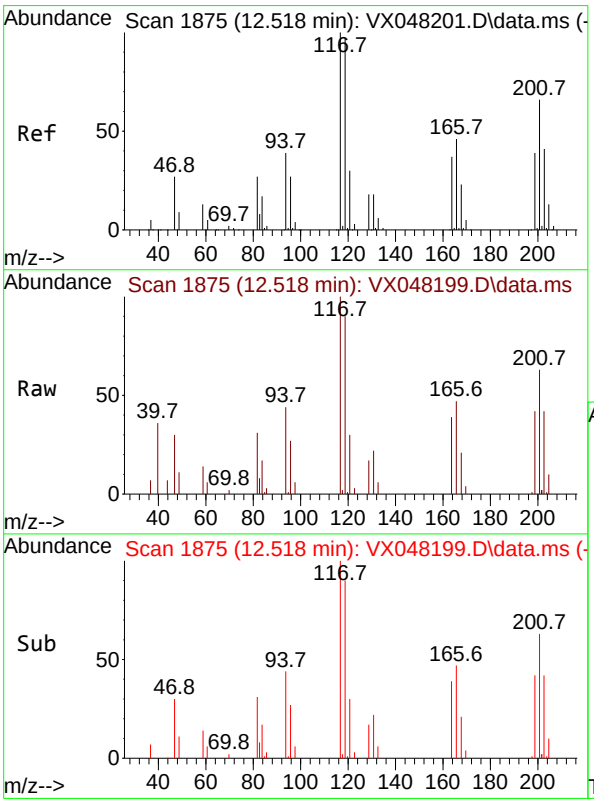
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.9	80.6
134	24.6	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

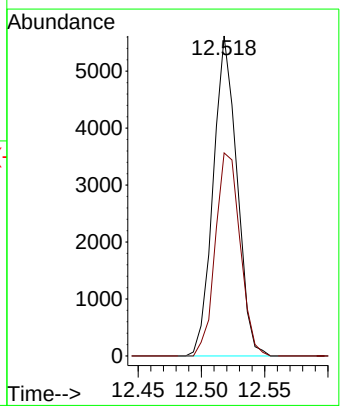
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

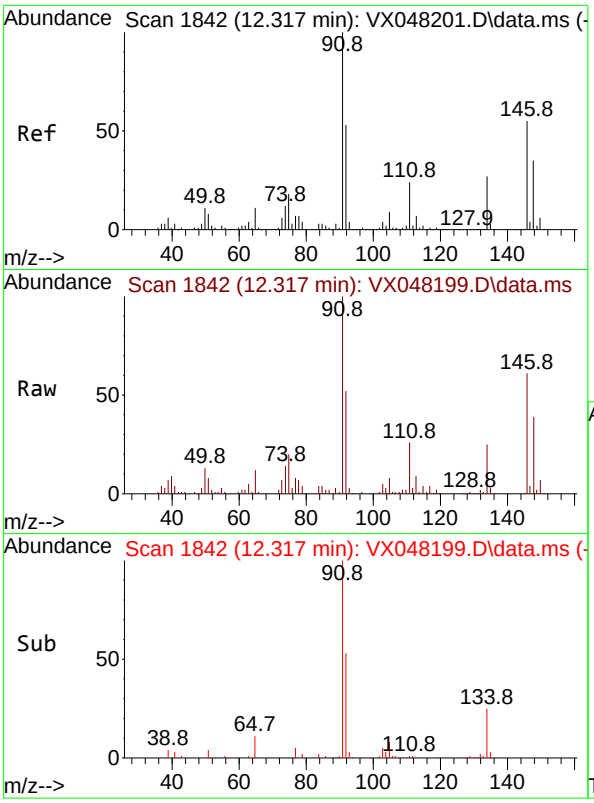


#90
Hexachloroethane
Concen: 4.902 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:117 Resp: 7333

Ion	Ratio	Lower	Upper
117	100		
201	66.4	34.1	102.2

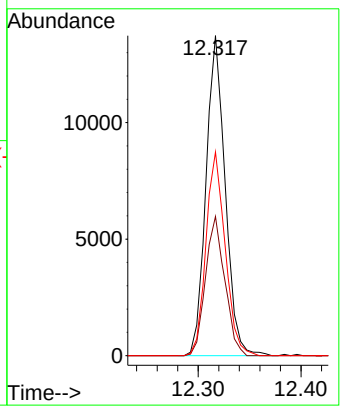




#91
1,2-Dichlorobenzene
Concen: 4.851 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:146 Resp: 1779

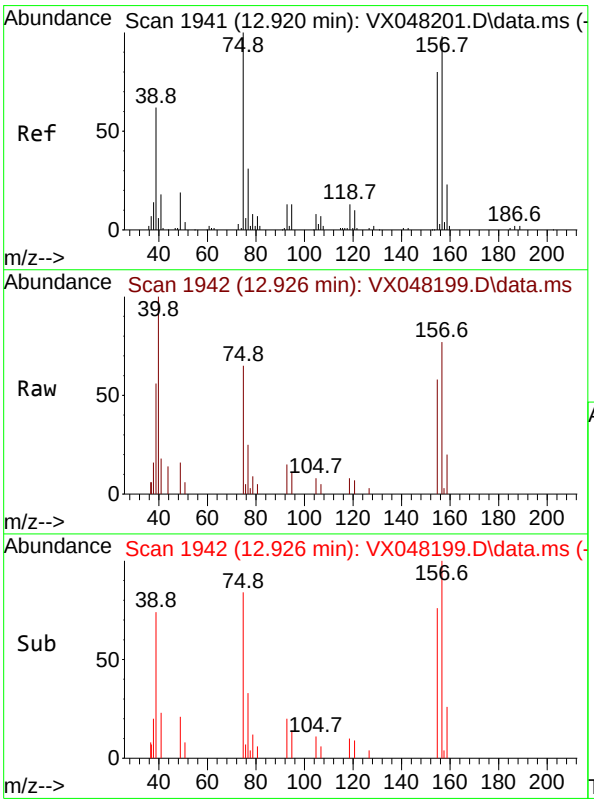
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.5
148	63.9	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

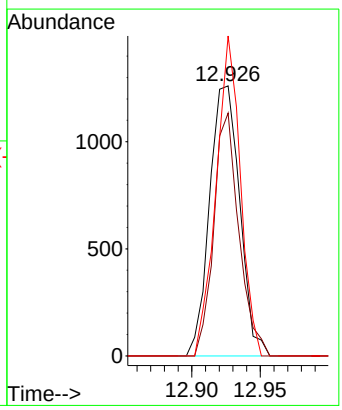
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

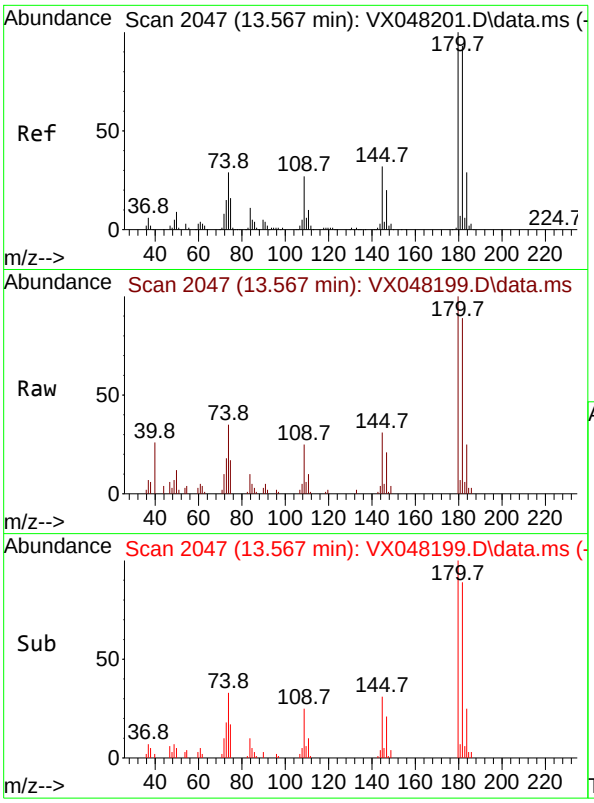


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.495 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion: 75 Resp: 1930

Ion	Ratio	Lower	Upper
75	100		
155	75.1	42.8	128.4
157	95.5	54.2	162.6

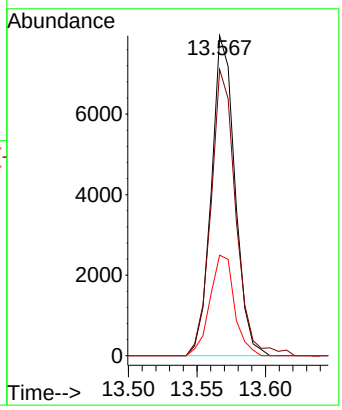




#93
1,2,4-Trichlorobenzene
Concen: 4.387 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:180 Resp: 949

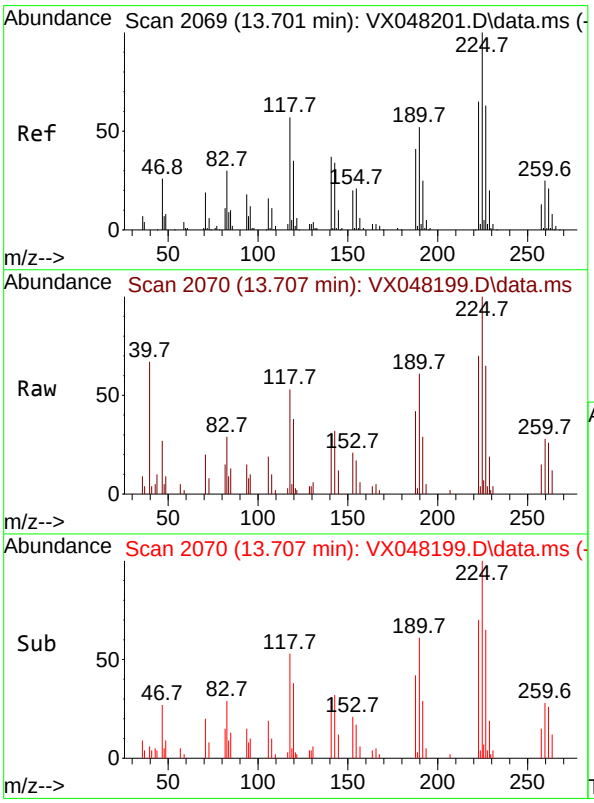
Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	142.0
145	32.7	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

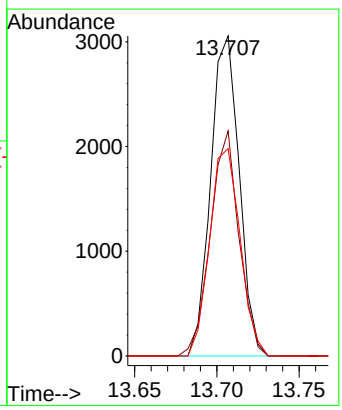
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

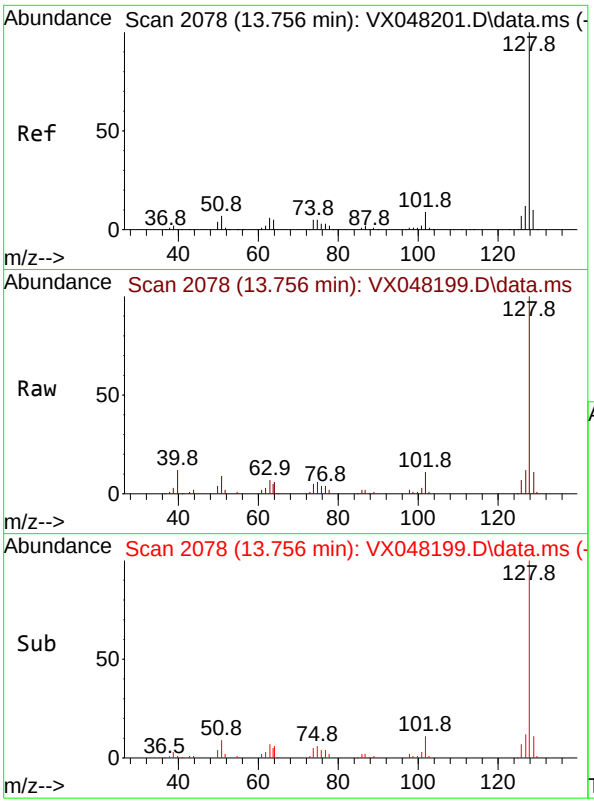


#94
Hexachlorobutadiene
Concen: 4.424 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:225 Resp: 3694

Ion	Ratio	Lower	Upper
225	100		
223	70.2	32.6	97.7
227	69.2	32.5	97.4

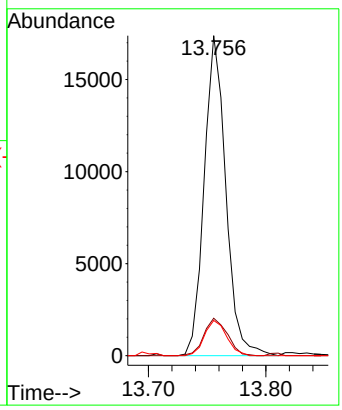




#95
Naphthalene
Concen: 3.894 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:128 Resp: 2222

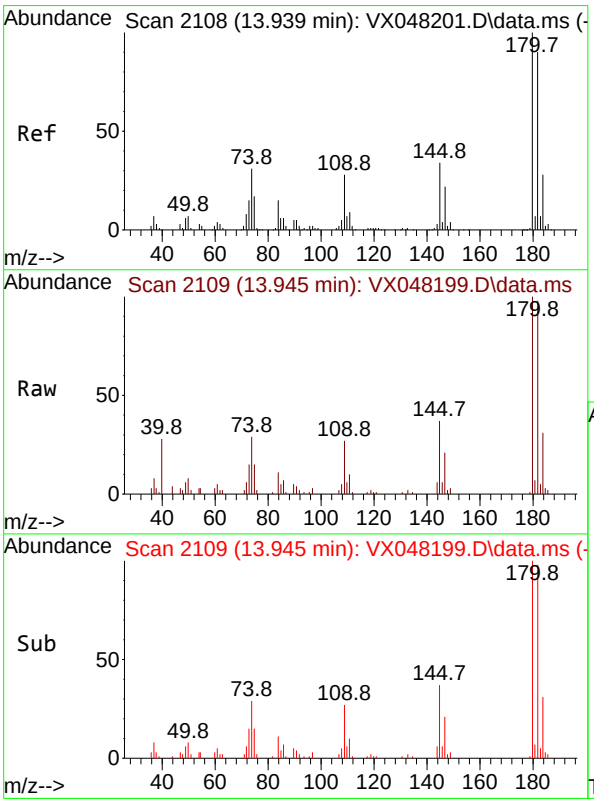
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.3	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

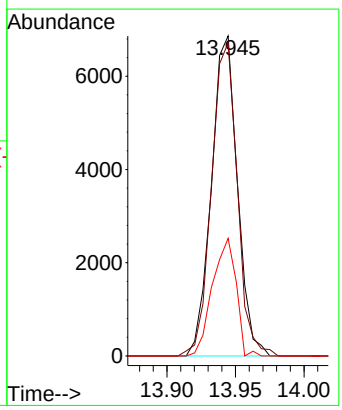
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.525 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048199.D
Acq: 17 Oct 2025 09:14

Tgt Ion:180 Resp: 9039

Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.6	139.7
145	33.4	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048200.D
Acq On : 17 Oct 2025 09:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 17 23:52:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.537	168	152243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	259476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	235392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	45441	19.267	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.540%#		
35) Dibromofluoromethane	5.373	113	35347	19.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.260%#		
50) Toluene-d8	8.634	98	123286	19.003	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.000%#		
62) 4-Bromofluorobenzene	11.061	95	44537	18.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.700%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	28393	17.769	ug/l	96
3) Chloromethane	1.300	50	34807	17.981	ug/l	96
4) Vinyl Chloride	1.380	62	36678	17.981	ug/l	98
5) Bromomethane	1.624	94	25004	18.725	ug/l	94
6) Chloroethane	1.697	64	23829	18.357	ug/l	93
7) Trichlorofluoromethane	1.898	101	59127	18.467	ug/l	98
8) Diethyl Ether	2.136	74	19758	18.092	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	32626	18.083	ug/l	99
10) Methyl Iodide	2.459	142	35802	16.567	ug/l	96
11) Tert butyl alcohol	2.940	59	13042	83.338	ug/l	100
12) 1,1-Dichloroethene	2.325	96	31576	17.899	ug/l	99
13) Acrolein	2.239	56	30162	91.708	ug/l	98
14) Allyl chloride	2.666	41	57446	18.102	ug/l	98
15) Acrylonitrile	3.056	53	72649	96.879	ug/l	99
16) Acetone	2.373	43	78714	97.833	ug/l	98
17) Carbon Disulfide	2.514	76	99127	18.263	ug/l	100
18) Methyl Acetate	2.703	43	31105	18.981	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	99980	18.814	ug/l	97
20) Methylene Chloride	2.788	84	36931	18.842	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	33933	18.592	ug/l	96
22) Diisopropyl ether	3.751	45	117739	18.948	ug/l	97
23) Vinyl Acetate	3.715	43	445135	95.805	ug/l	99
24) 1,1-Dichloroethane	3.605	63	67274	19.084	ug/l	98
25) 2-Butanone	4.538	43	88683	94.609	ug/l	98
26) 2,2-Dichloropropane	4.465	77	54360	18.041	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	40384	18.644	ug/l	99
28) Bromochloromethane	4.885	49	26888	16.547	ug/l	99
29) Tetrahydrofuran	4.995	42	51429	93.427	ug/l	97
30) Chloroform	5.080	83	68996	18.590	ug/l	94
31) Cyclohexane	5.464	56	55383	19.200	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	58321	19.125	ug/l	98
36) 1,1-Dichloropropene	5.684	75	44106	17.386	ug/l	99
37) Ethyl Acetate	4.702	43	38648	19.063	ug/l	97
38) Carbon Tetrachloride	5.666	117	52596	18.063	ug/l	97
39) Methylcyclohexane	7.366	83	52276	18.276	ug/l	99
40) Benzene	6.025	78	137544	18.259	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048200.D
Acq On : 17 Oct 2025 09:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 17 23:52:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.910	41	20924	19.271 ug/l		96
42) 1,2-Dichloroethane	6.068	62	51415	19.051 ug/l		99
43) Isopropyl Acetate	6.324	43	63854	18.762 ug/l		100
44) Trichloroethene	7.110	130	35880	18.900 ug/l		100
45) 1,2-Dichloropropane	7.415	63	37083	19.451 ug/l		97
46) Dibromomethane	7.568	93	25284	18.432 ug/l		96
47) Bromodichloromethane	7.805	83	56507	19.060 ug/l		99
48) Methyl methacrylate	7.677	41	33005	18.945 ug/l		99
49) 1,4-Dioxane	7.641	88	6318	402.877 ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	182185	96.201 ug/l		99
52) Toluene	8.702	92	85262	18.832 ug/l		98
53) t-1,3-Dichloropropene	8.964	75	52066	18.746 ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	57193	18.893 ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	32118	19.012 ug/l		98
56) Ethyl methacrylate	9.104	69	43616	18.983 ug/l		97
57) 1,3-Dichloropropane	9.293	76	56015	18.979 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	109951	87.551 ug/l		98
59) 2-Hexanone	9.415	43	127723	96.420 ug/l		98
60) Dibromochloromethane	9.506	129	40353	19.084 ug/l		100
61) 1,2-Dibromoethane	9.592	107	32476	18.749 ug/l		99
64) Tetrachloroethene	9.256	164	29834	18.076 ug/l		96
65) Chlorobenzene	10.061	112	95567	18.568 ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	33146	17.871 ug/l		99
67) Ethyl Benzene	10.177	91	159512	18.078 ug/l		99
68) m/p-Xylenes	10.287	106	122901	37.388 ug/l		100
69) o-Xylene	10.622	106	56391	18.223 ug/l		98
70) Styrene	10.640	104	100737	18.912 ug/l		100
71) Bromoform	10.780	173	24913	18.292 ug/l	#	100
73) Isopropylbenzene	10.945	105	147885	18.467 ug/l		99
74) N-amyl acetate	10.829	43	54555	18.261 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42852	18.889 ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	32033m	18.220 ug/l		
77) Bromobenzene	11.183	156	36931	18.429 ug/l		98
78) n-propylbenzene	11.286	91	180587	18.596 ug/l		99
79) 2-Chlorotoluene	11.347	91	110822	18.889 ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	123979	18.861 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	12895	17.959 ug/l		95
82) 4-Chlorotoluene	11.439	91	129814	18.828 ug/l		100
83) tert-Butylbenzene	11.695	119	120319	18.118 ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	124103	18.960 ug/l		98
85) sec-Butylbenzene	11.872	105	149810	18.453 ug/l		98
86) p-Isopropyltoluene	11.994	119	126086	18.425 ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	68717	18.336 ug/l		98
88) 1,4-Dichlorobenzene	12.024	146	70018	18.024 ug/l		97
89) n-Butylbenzene	12.311	91	113088	17.742 ug/l		99
90) Hexachloroethane	12.518	117	25630	17.745 ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	64353	18.175 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7531	18.167 ug/l		90
93) 1,2,4-Trichlorobenzene	13.567	180	36816	17.613 ug/l		99
94) Hexachlorobutadiene	13.707	225	13549	16.807 ug/l		98
95) Naphthalene	13.756	128	99425	18.045 ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	33905	17.580 ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048200.D
Acq On : 17 Oct 2025 09:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Quant Time: Oct 17 23:52:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048200.D
Acq On : 17 Oct 2025 09:35
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
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Quant Time: Oct 17 23:52:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
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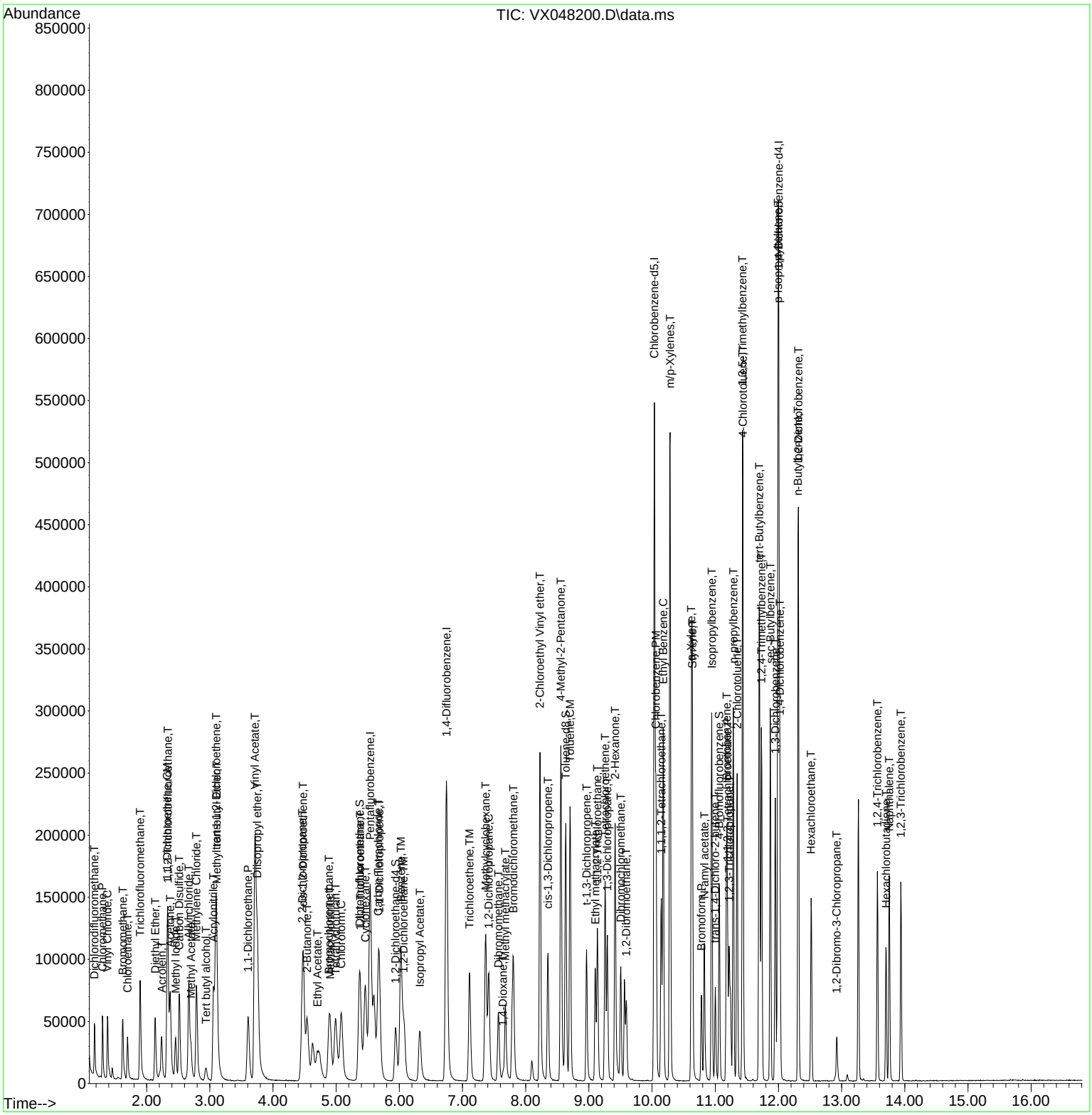
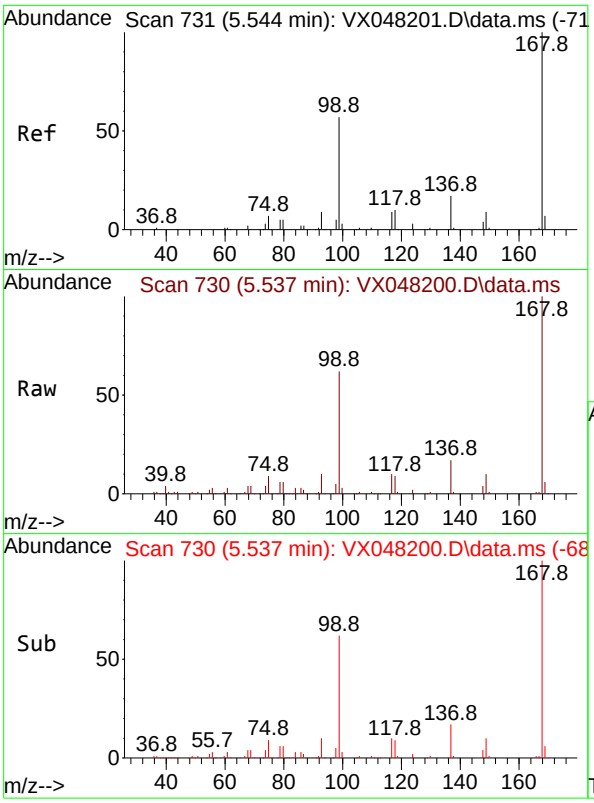
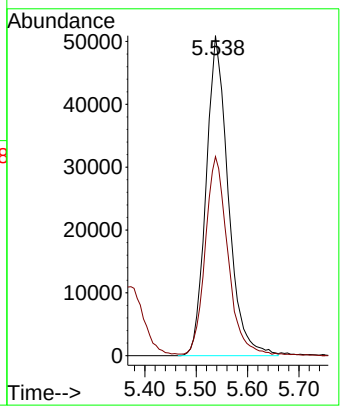




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:168 Resp: 15224

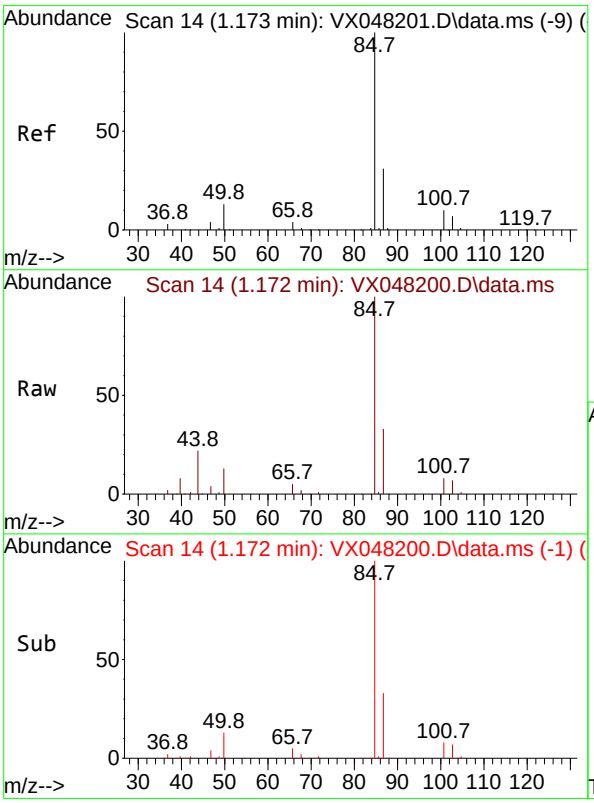
Ion	Ratio	Lower	Upper
168	100		
99	61.7	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

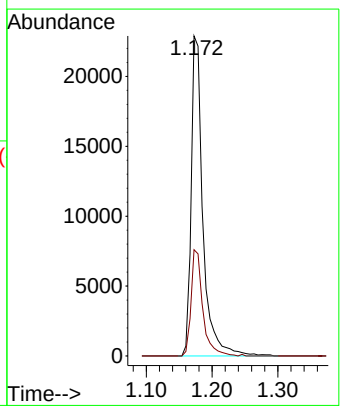
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

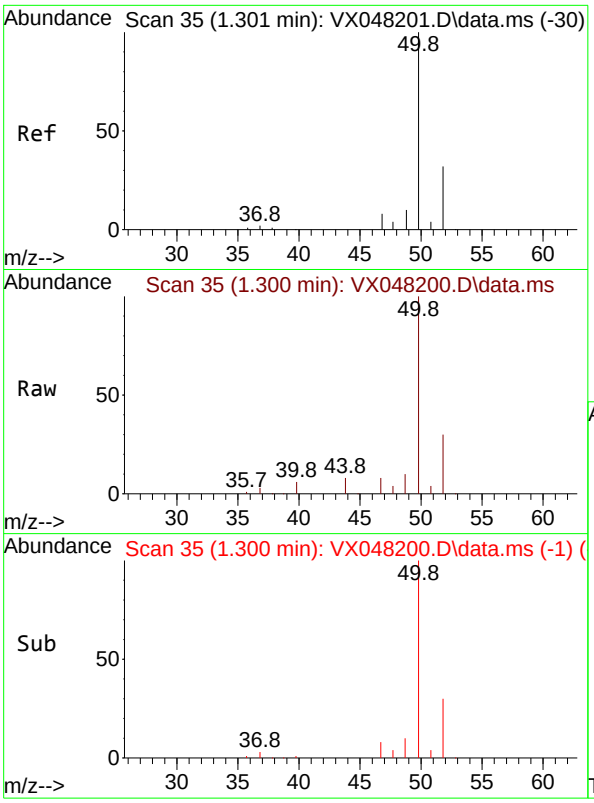


#2
Dichlorodifluoromethane
Concen: 17.769 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 85 Resp: 28393

Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.3	45.9

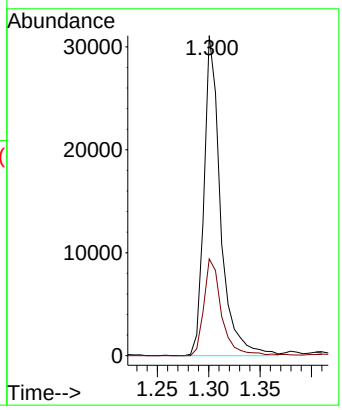




#3
Chloromethane
Concen: 17.981 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 50 Resp: 3480

Ion	Ratio	Lower	Upper
50	100		
52	30.3	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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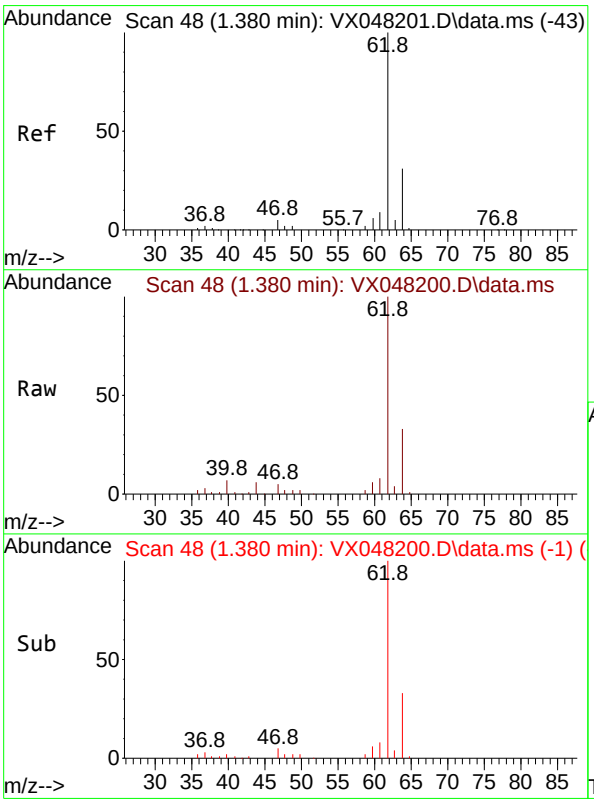
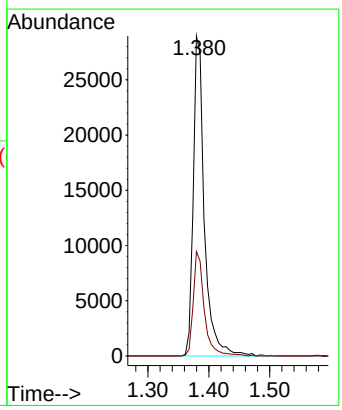
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

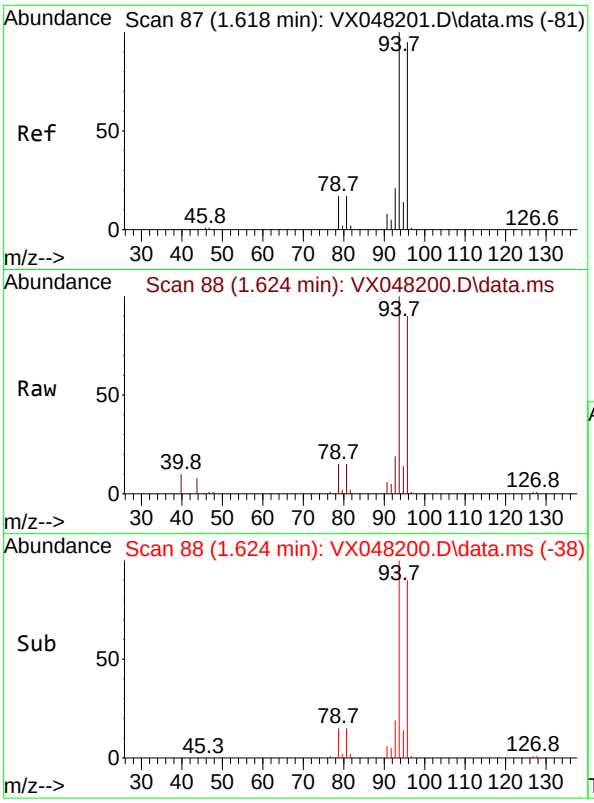


#4
Vinyl Chloride
Concen: 17.981 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 62 Resp: 36678

Ion	Ratio	Lower	Upper
62	100		
64	32.6	25.1	37.7

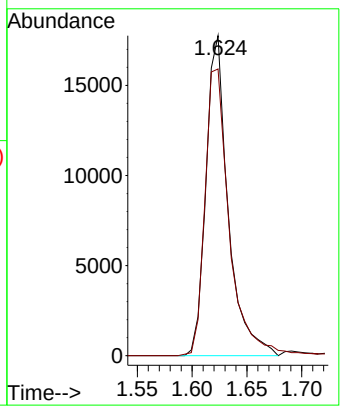




#5
Bromomethane
Concen: 18.725 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 94 Resp: 2500

Ion	Ratio	Lower	Upper
94	100		
96	89.6	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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Reviewed By :John Carlone 10/20/2025
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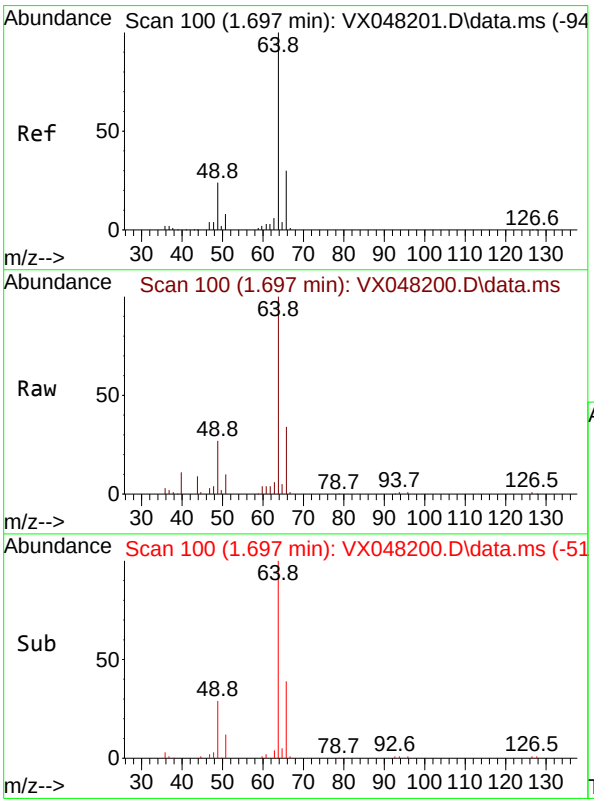
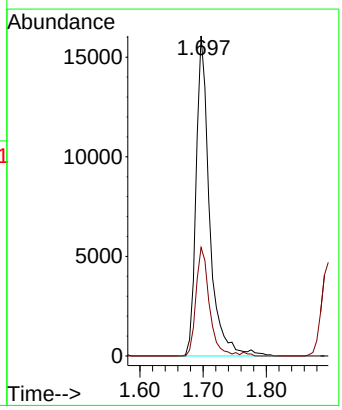
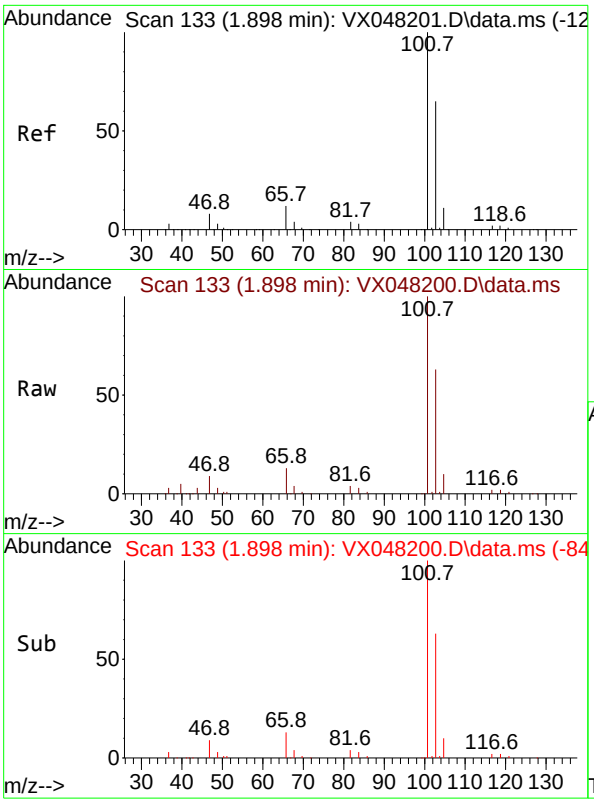


#6
Chloroethane
Concen: 18.357 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 64 Resp: 23829

Ion	Ratio	Lower	Upper
64	100		
66	33.9	23.9	35.9

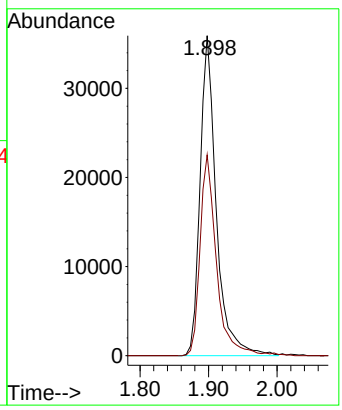




#7
Trichlorofluoromethane
Concen: 18.467 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:101 Resp: 5912

Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.6	77.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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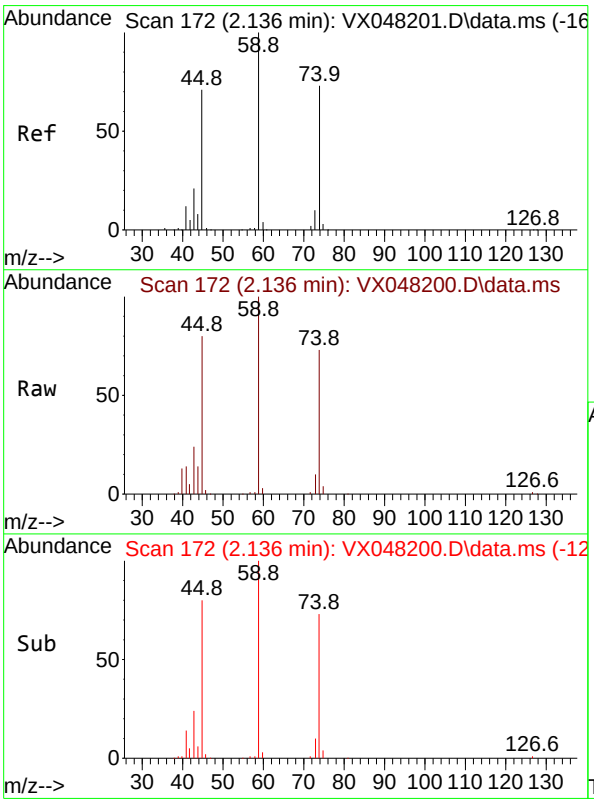
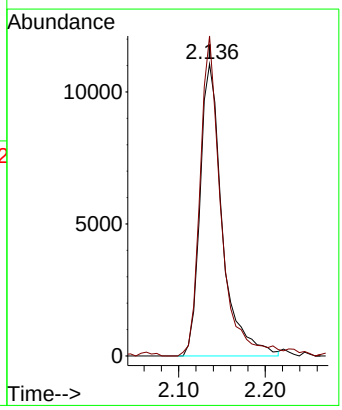
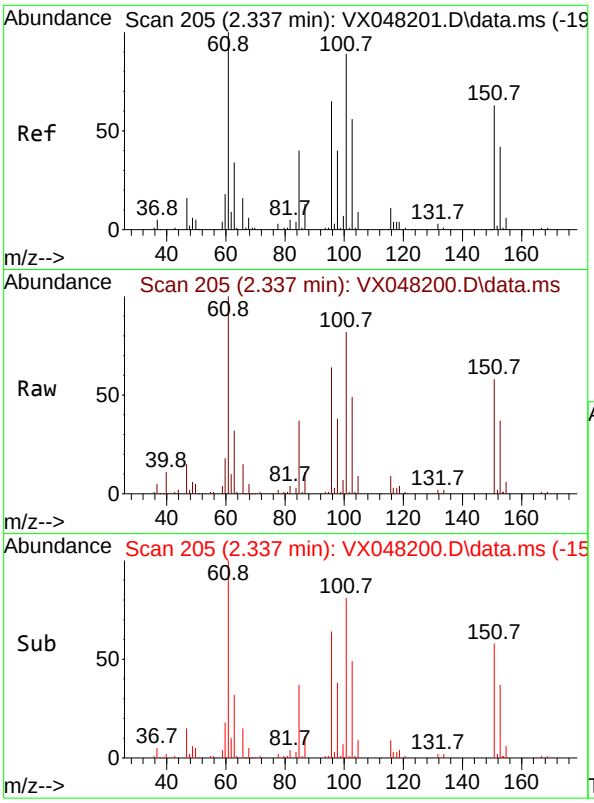


#8
Diethyl Ether
Concen: 18.092 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 74 Resp: 19758

Ion	Ratio	Lower	Upper
74	100		
45	102.9	50.0	149.8

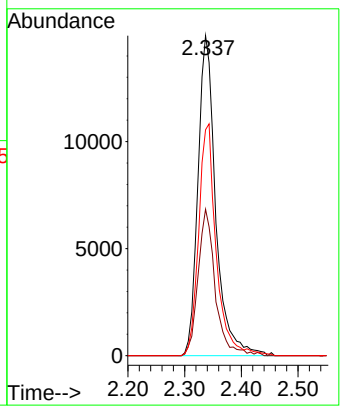




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.083 ug/l
RT: 2.337 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:101 Resp: 3262(

Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.6	53.4
151	71.6	58.0	87.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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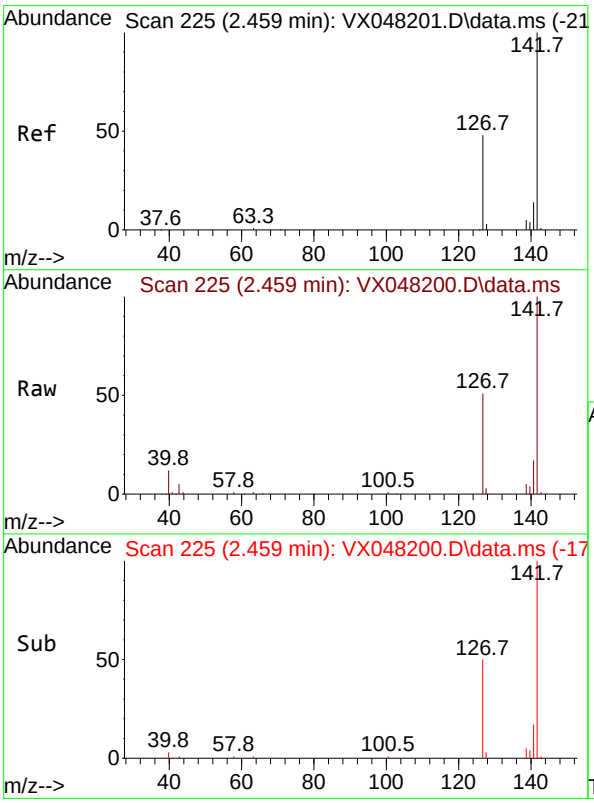
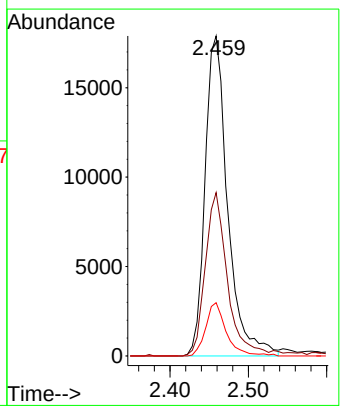
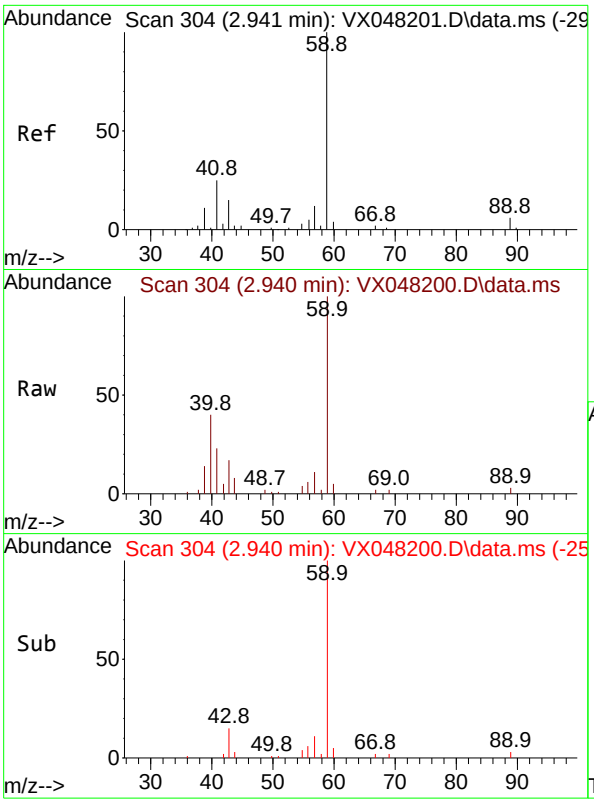


#10
Methyl Iodide
Concen: 16.567 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:142 Resp: 35802

Ion	Ratio	Lower	Upper
142	100		
127	50.8	38.5	57.7
141	15.3	11.6	17.4

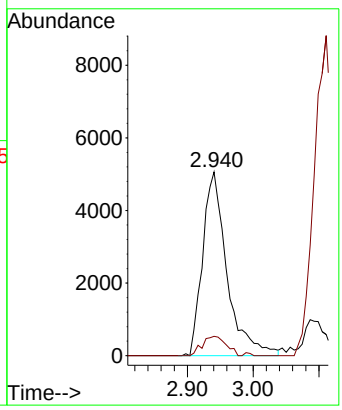




#11
Tert butyl alcohol
Concen: 83.338 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 59 Resp: 1304

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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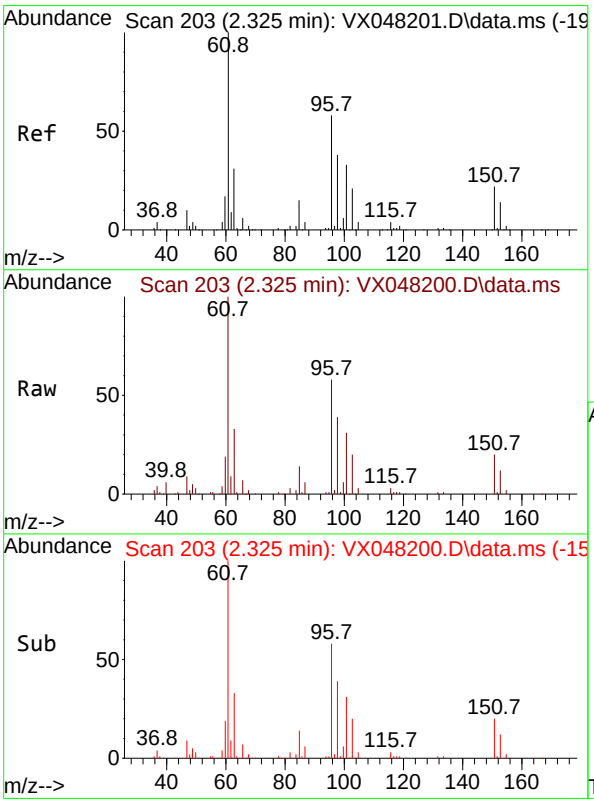
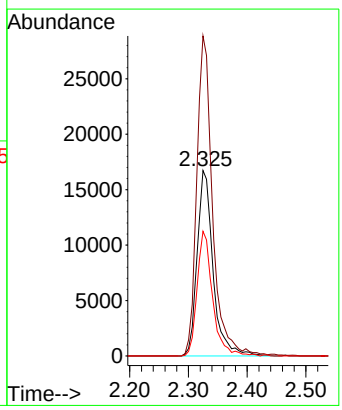
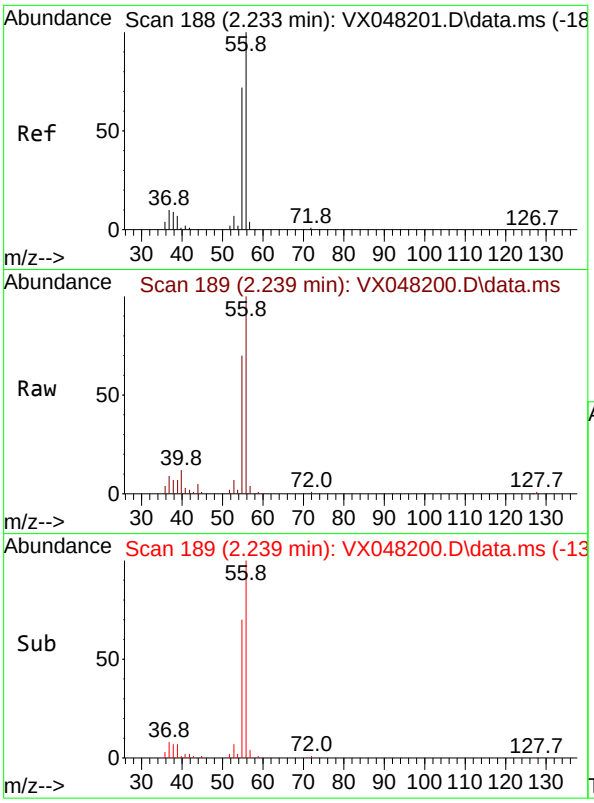


#12
1,1-Dichloroethene
Concen: 17.899 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 96 Resp: 31576

Ion	Ratio	Lower	Upper
96	100		
61	172.6	139.0	208.6
98	67.2	52.4	78.6

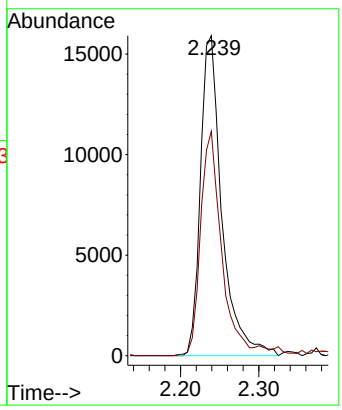




#13
Acrolein
Concen: 91.708 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 56 Resp: 3016

Ion	Ratio	Lower	Upper
56	100		
55	68.1	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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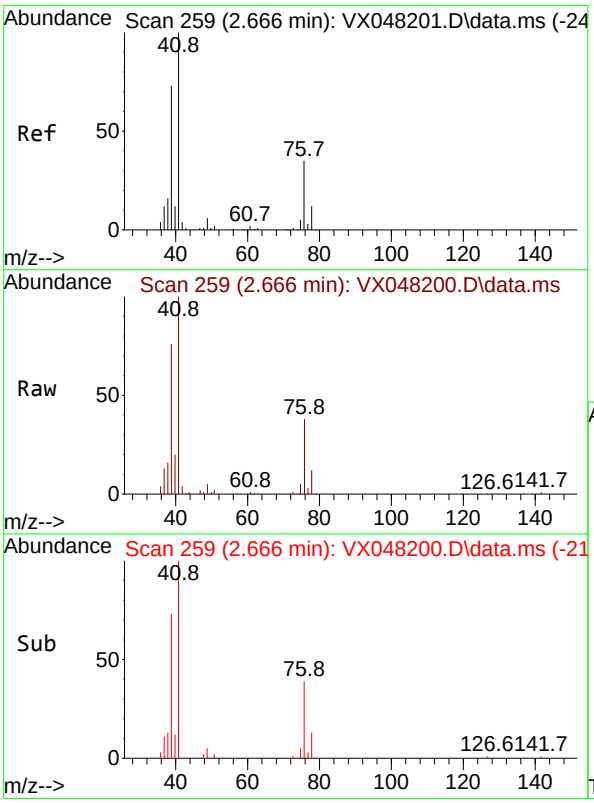
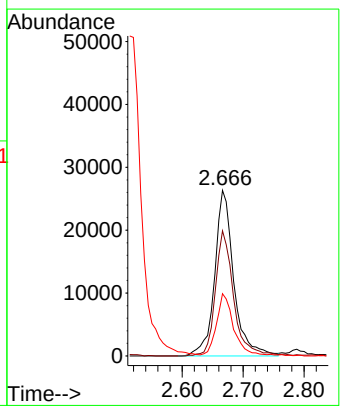
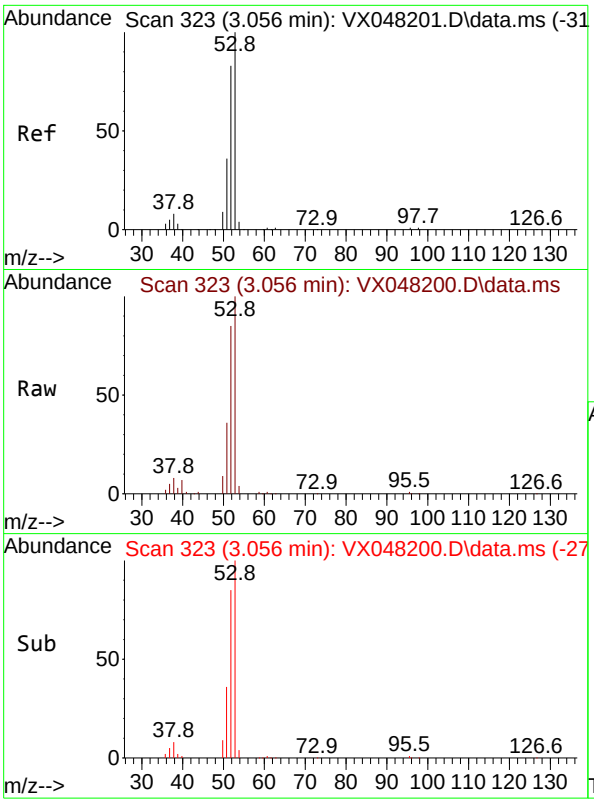


#14
Allyl chloride
Concen: 18.102 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 41 Resp: 57446

Ion	Ratio	Lower	Upper
41	100		
39	72.3	56.0	84.0
76	33.8	27.5	41.3

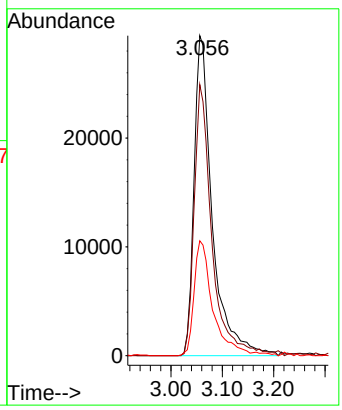




#15
Acrylonitrile
Concen: 96.879 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 53 Resp: 7264

Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.1	99.1
51	37.5	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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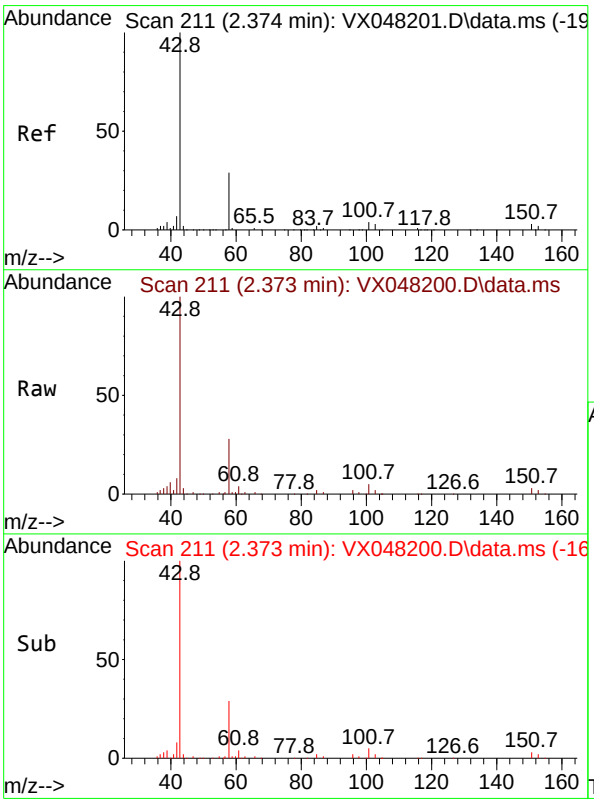
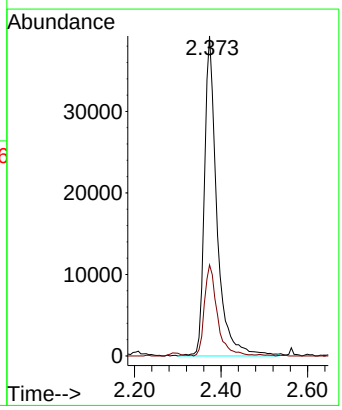
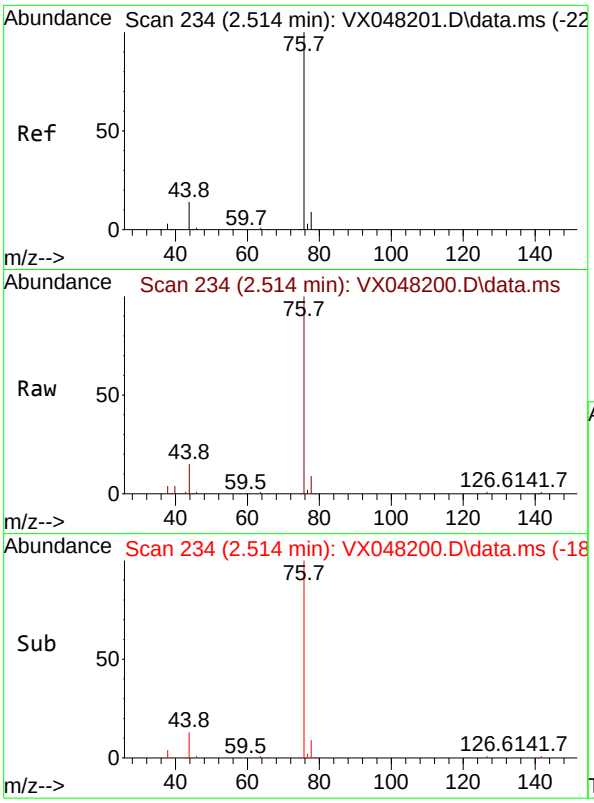


#16
Acetone
Concen: 97.833 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 78714

Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.4	35.2

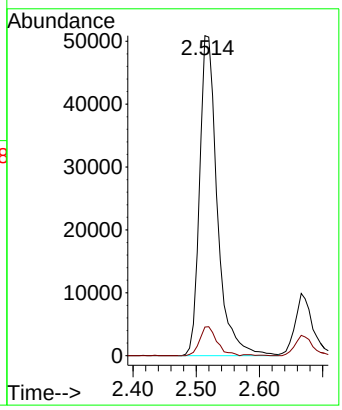




#17
Carbon Disulfide
Concen: 18.263 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 76 Resp: 9912

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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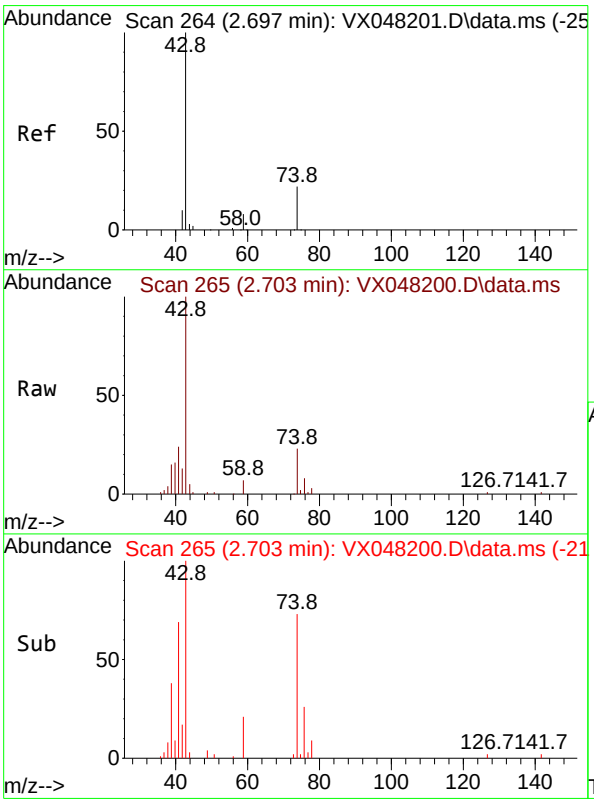
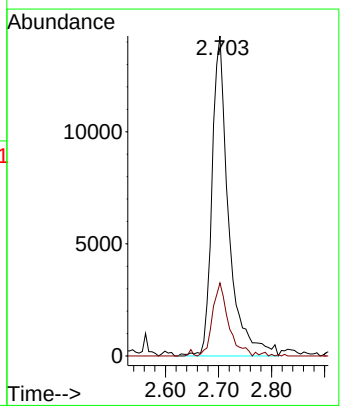
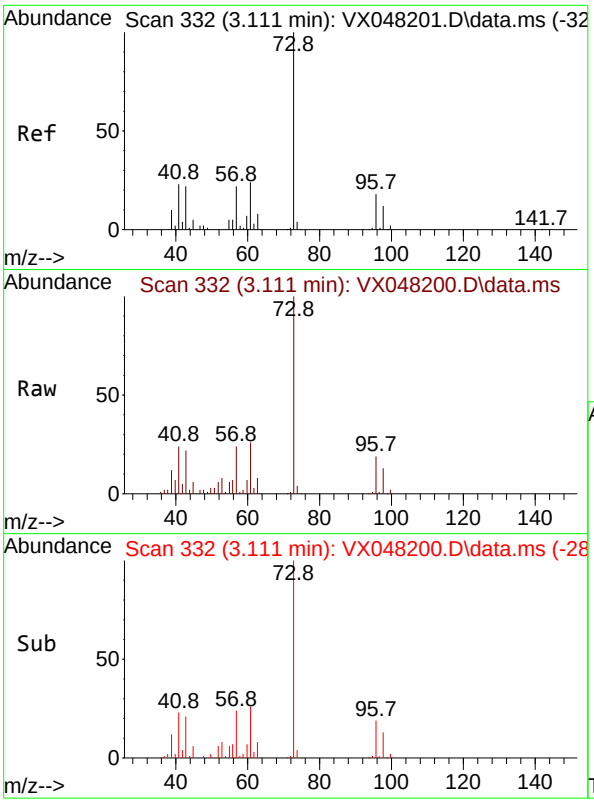


#18
Methyl Acetate
Concen: 18.981 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 31105

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.5	26.3

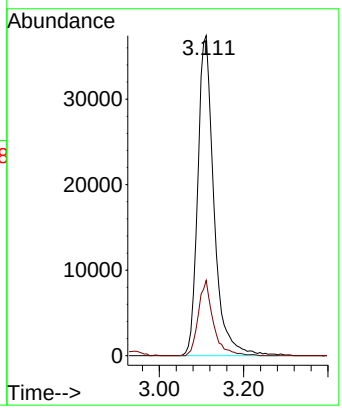




#19
Methyl tert-butyl Ether
Concen: 18.814 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 73 Resp: 9998

Ion	Ratio	Lower	Upper
73	100		
57	23.6	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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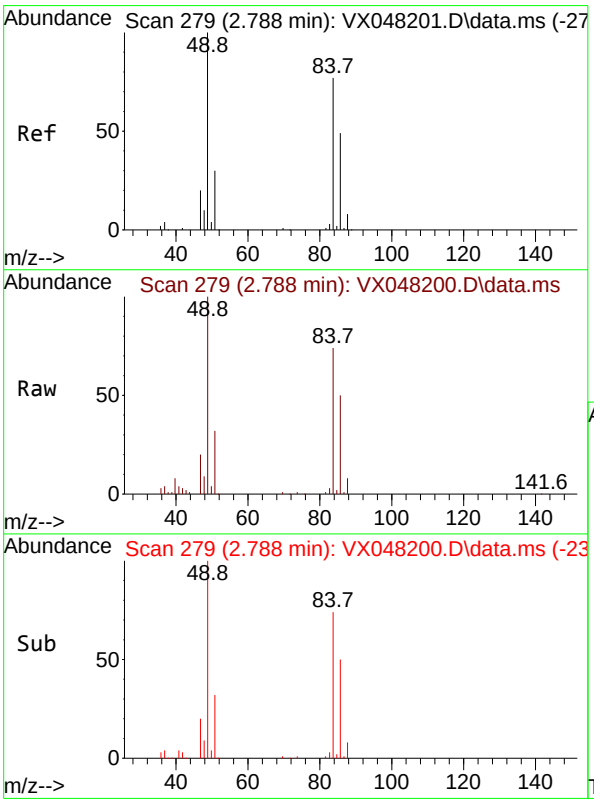
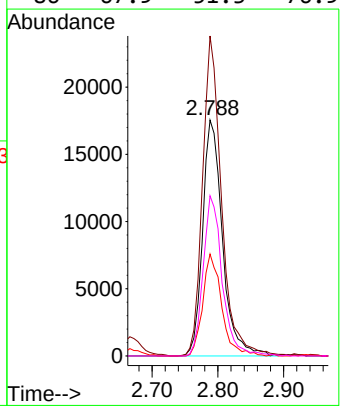
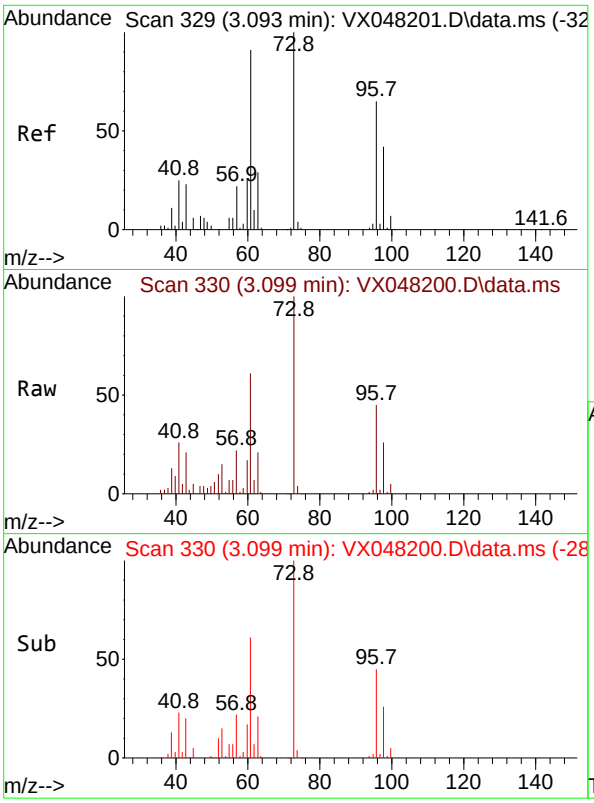


#20
Methylene Chloride
Concen: 18.842 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 84 Resp: 36931

Ion	Ratio	Lower	Upper
84	100		
49	135.7	104.1	156.1
51	43.2	31.3	46.9
86	67.9	51.3	76.9

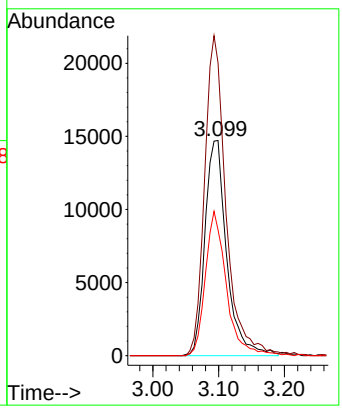




#21
trans-1,2-Dichloroethene
Concen: 18.592 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 96 Resp: 3393

Ion	Ratio	Lower	Upper
96	100		
61	136.0	111.9	167.9
98	58.4	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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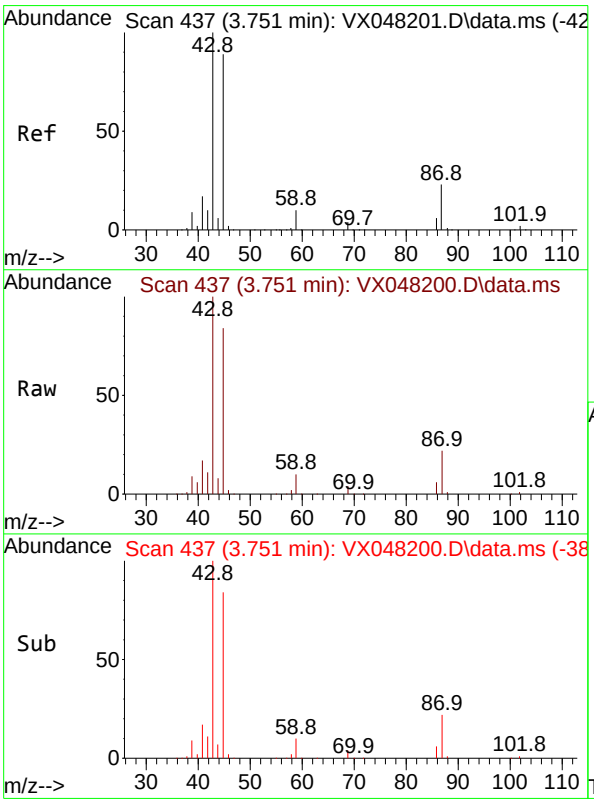
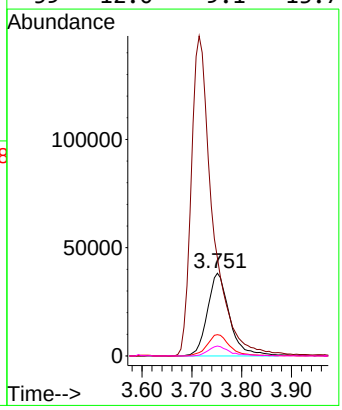
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

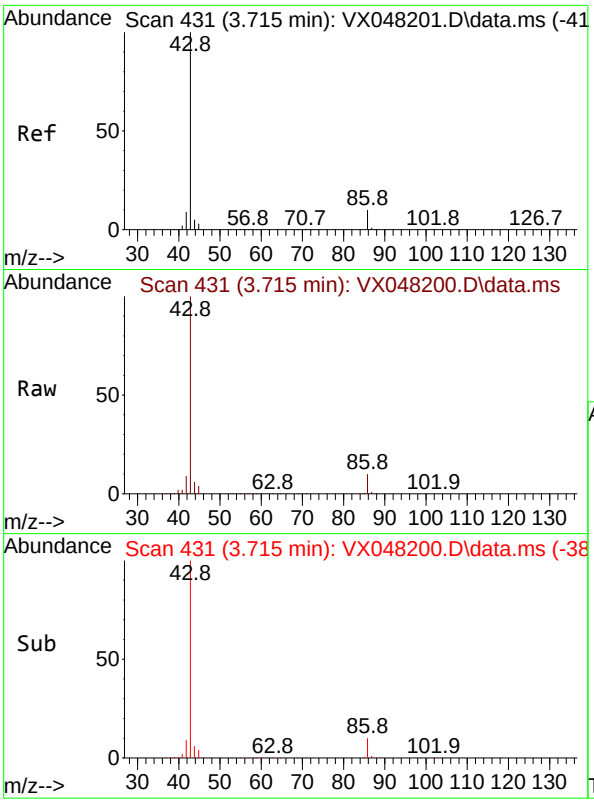


#22
Diisopropyl ether
Concen: 18.948 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 45 Resp: 117739

Ion	Ratio	Lower	Upper
45	100		
43	116.6	89.8	134.8
87	25.7	20.6	31.0
59	12.0	9.1	13.7





#23
Vinyl Acetate
Concen: 95.805 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 44513

Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.9	11.9

Instrument :
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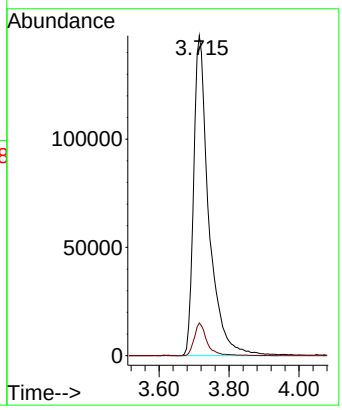
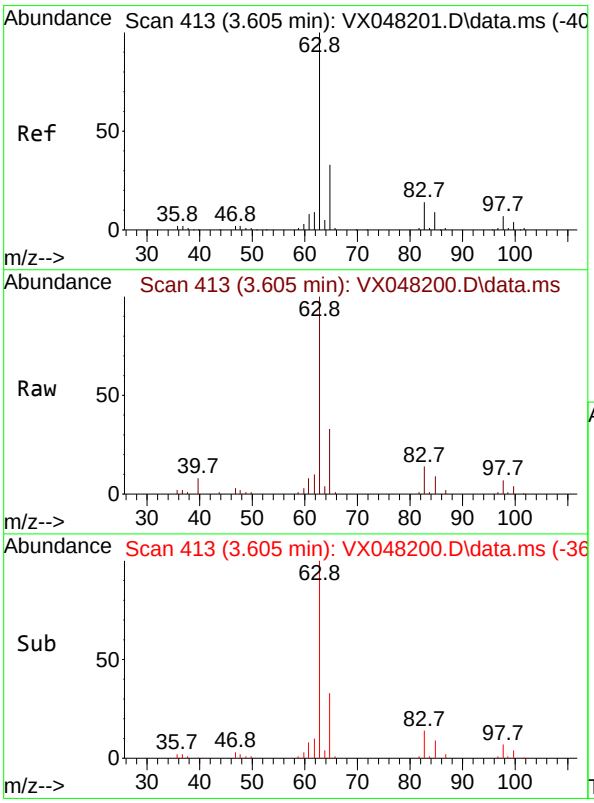
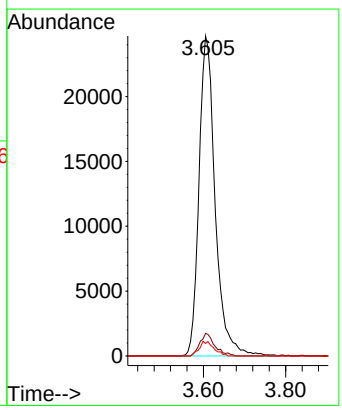


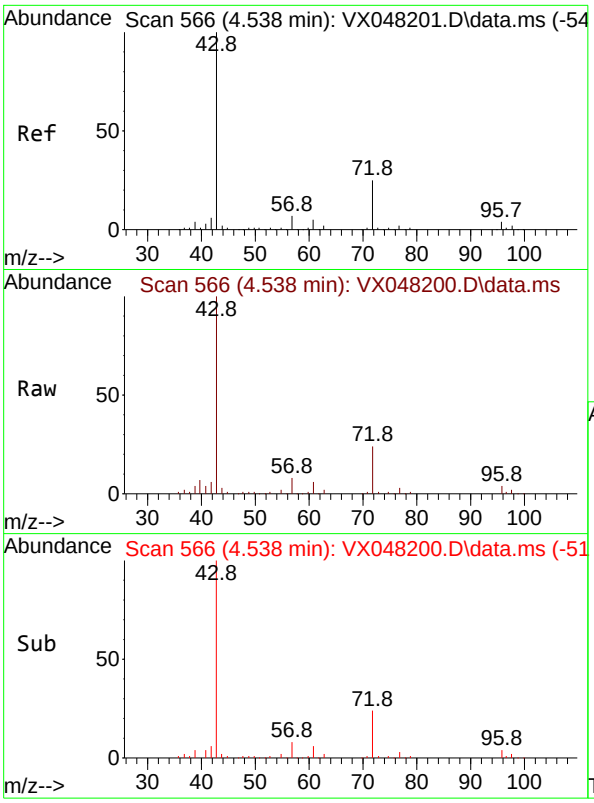


#24
1,1-Dichloroethane
Concen: 19.084 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 63 Resp: 67274

Ion	Ratio	Lower	Upper
63	100		
98	7.8	3.5	10.6
100	3.9	2.1	6.3





#25
2-Butanone
Concen: 94.609 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 8868

Ion	Ratio	Lower	Upper
43	100		
72	23.7	19.9	29.9

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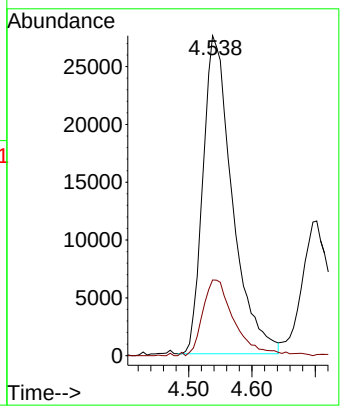
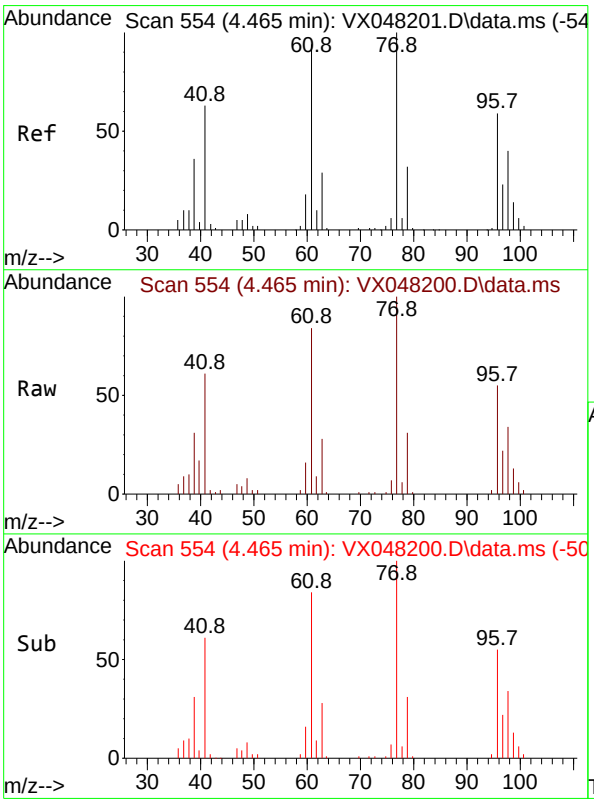
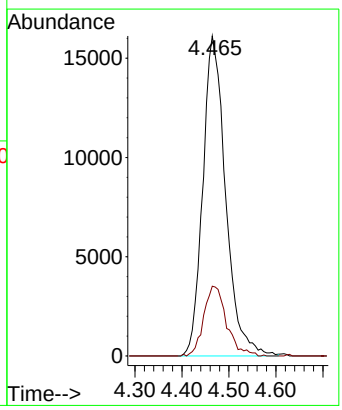


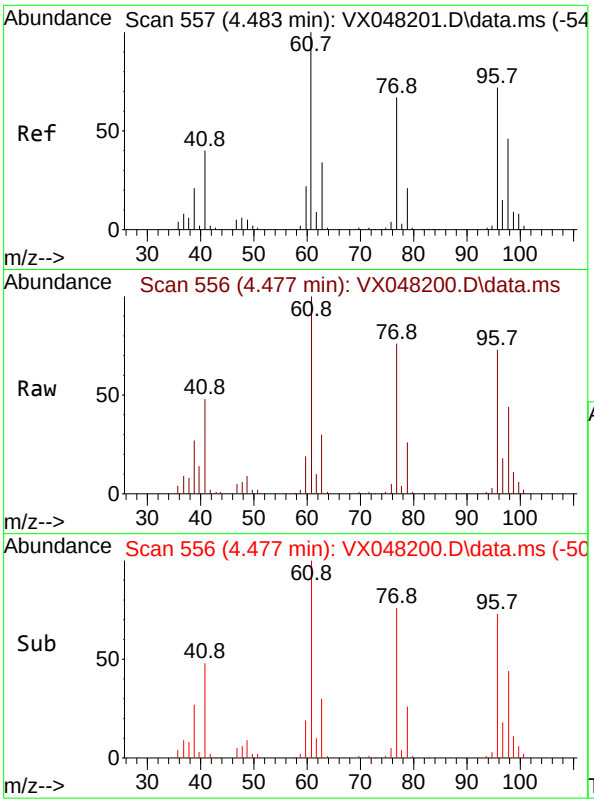


#26
2,2-Dichloropropane
Concen: 18.041 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 77 Resp: 54360

Ion	Ratio	Lower	Upper
77	100		
97	21.8	11.1	33.3

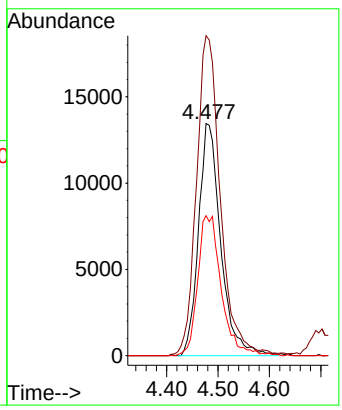




#27
cis-1,2-Dichloroethene
Concen: 18.644 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 96 Resp: 4038

Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	294.2
98	63.9	0.0	128.4



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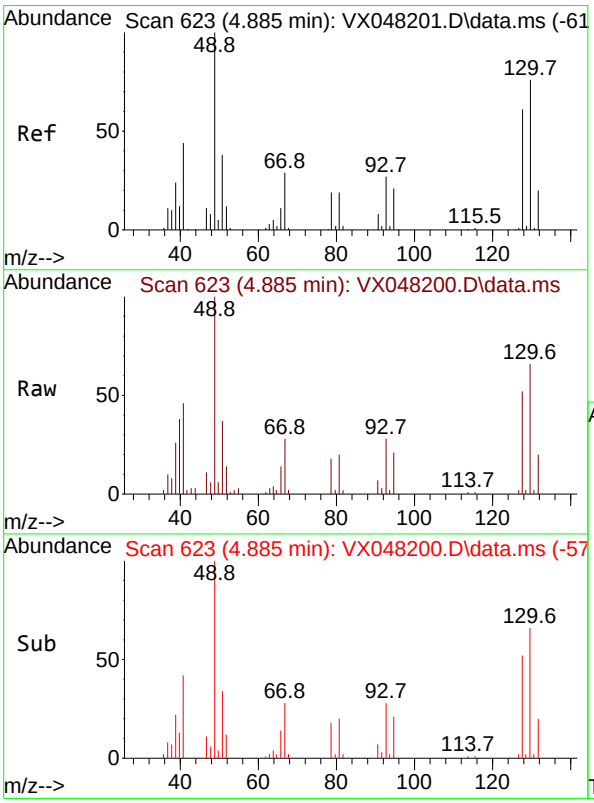
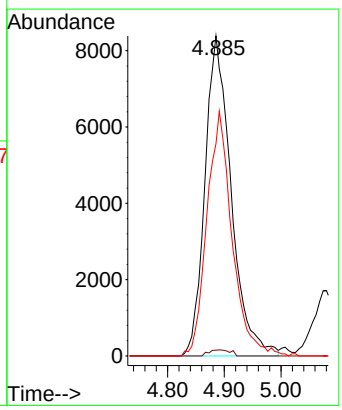
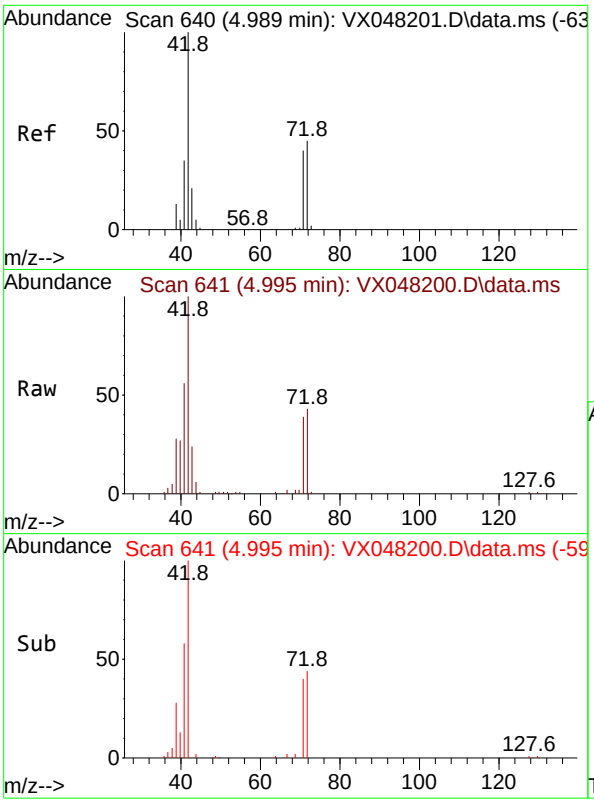


#28
Bromochloromethane
Concen: 16.547 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 49 Resp: 26888

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.4
130	73.5	59.3	88.9





#29
Tetrahydrofuran
Concen: 93.427 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 42 Resp: 5142

Ion	Ratio	Lower	Upper
42	100		
72	41.4	35.3	52.9
71	41.4	32.2	48.4

Instrument :
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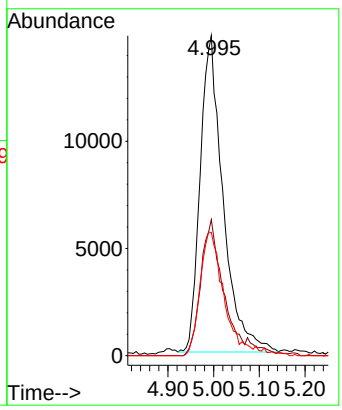
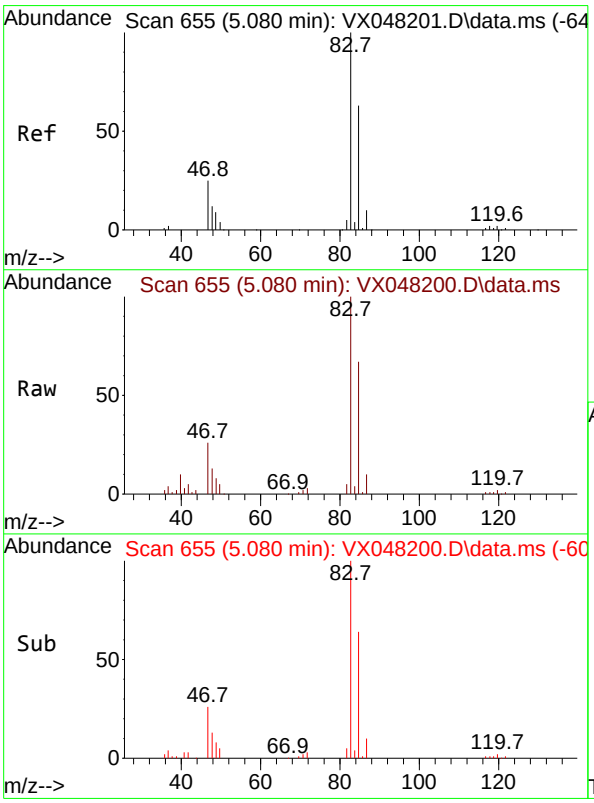
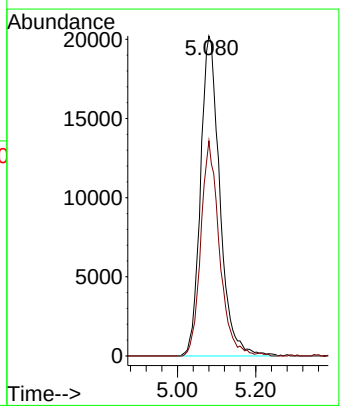


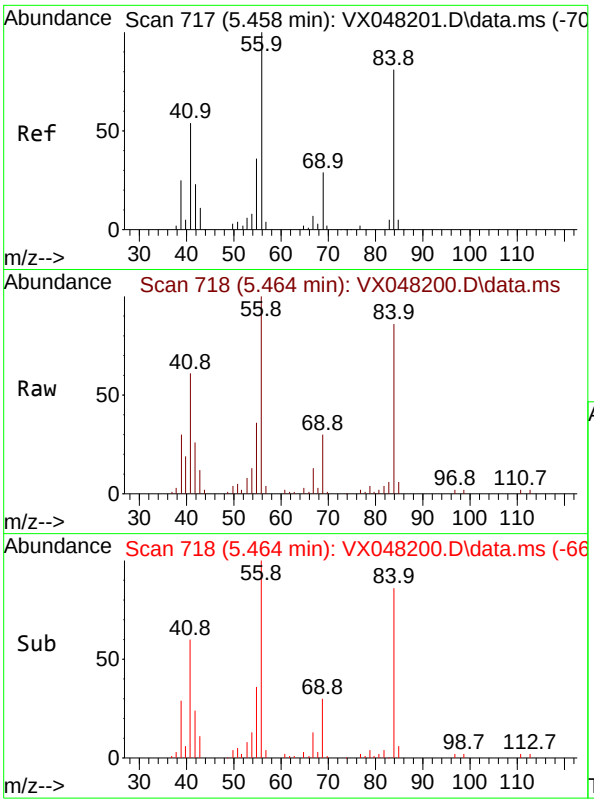


#30
Chloroform
Concen: 18.590 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 83 Resp: 68996

Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.1	75.1

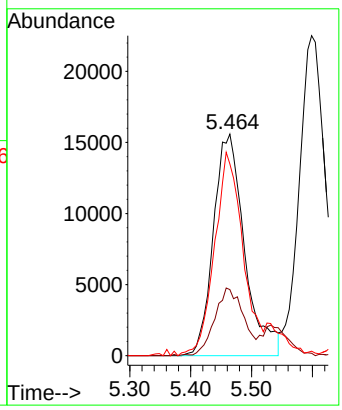




#31
Cyclohexane
Concen: 19.200 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 56 Resp: 5538

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.0	34.6
84	86.5	64.6	97.0



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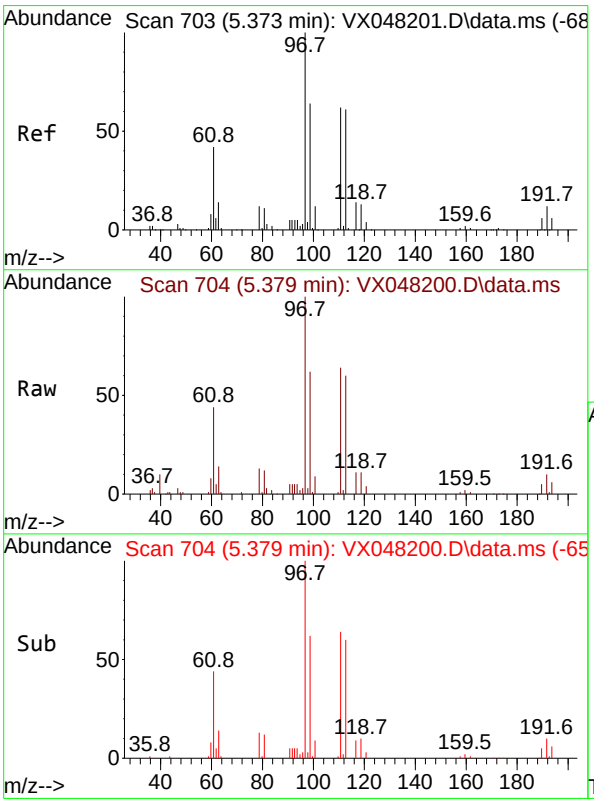
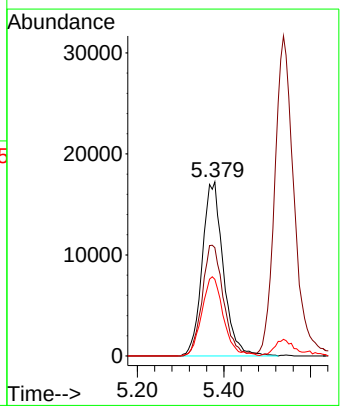
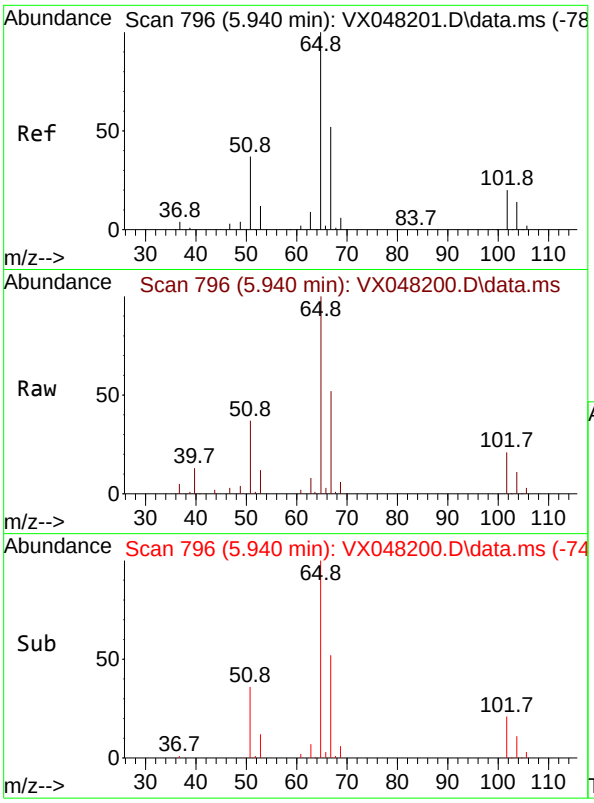


#32
1,1,1-Trichloroethane
Concen: 19.125 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 97 Resp: 58321

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	46.4	34.8	52.2

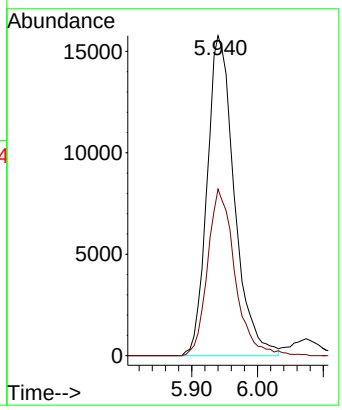




#33
1,2-Dichloroethane-d4
Concen: 19.267 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 65 Resp: 4544

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.0



Instrument :
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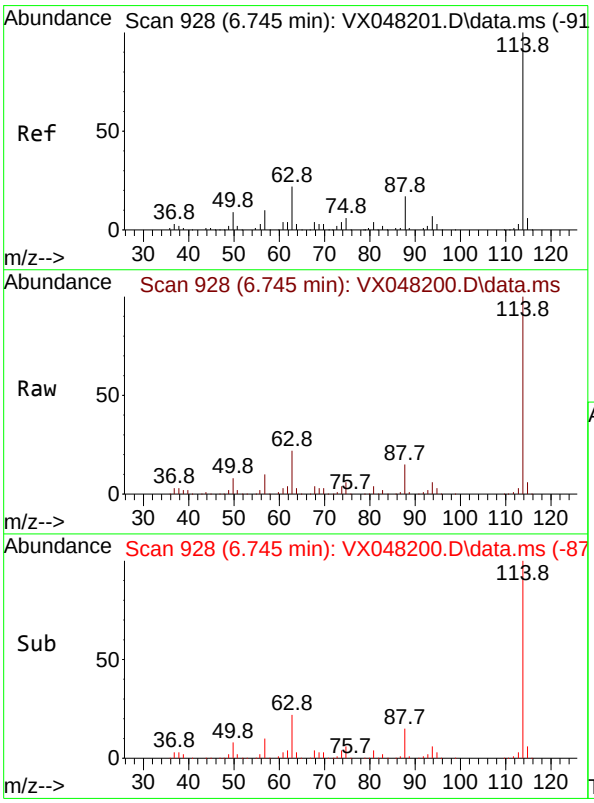
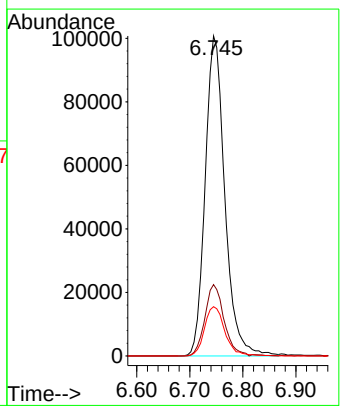
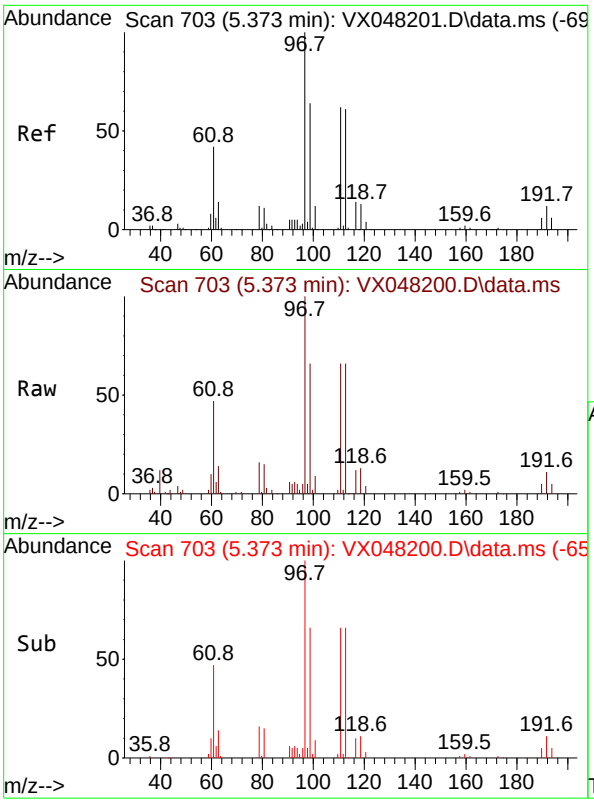


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:114 Resp: 259476

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	15.4	0.0	33.6

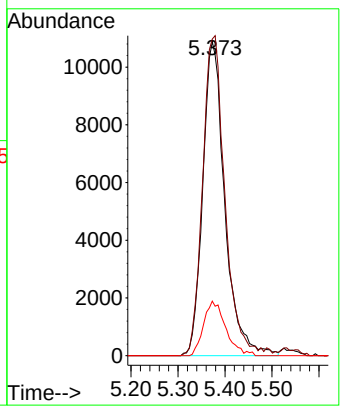




#35
Dibromofluoromethane
Concen: 19.628 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:113 Resp: 3534

Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	17.5	15.1	22.7



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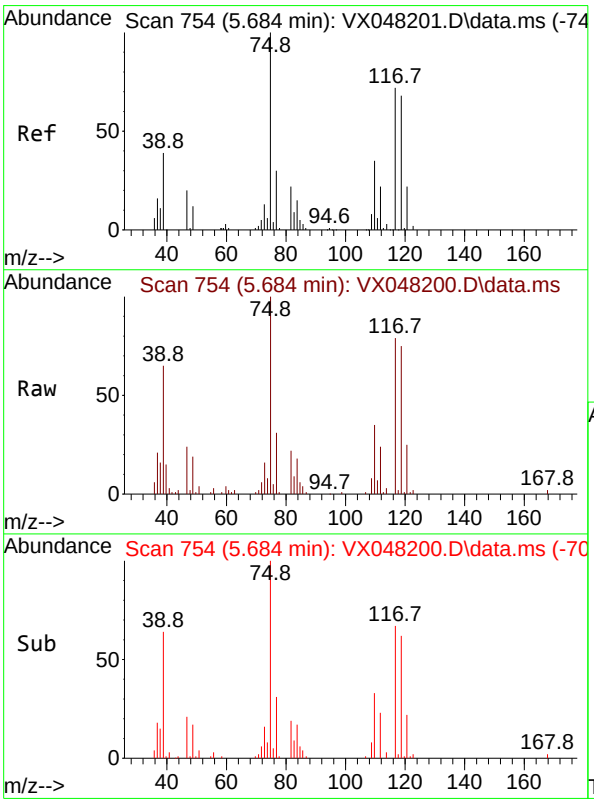
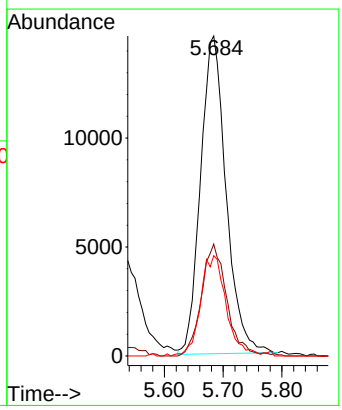
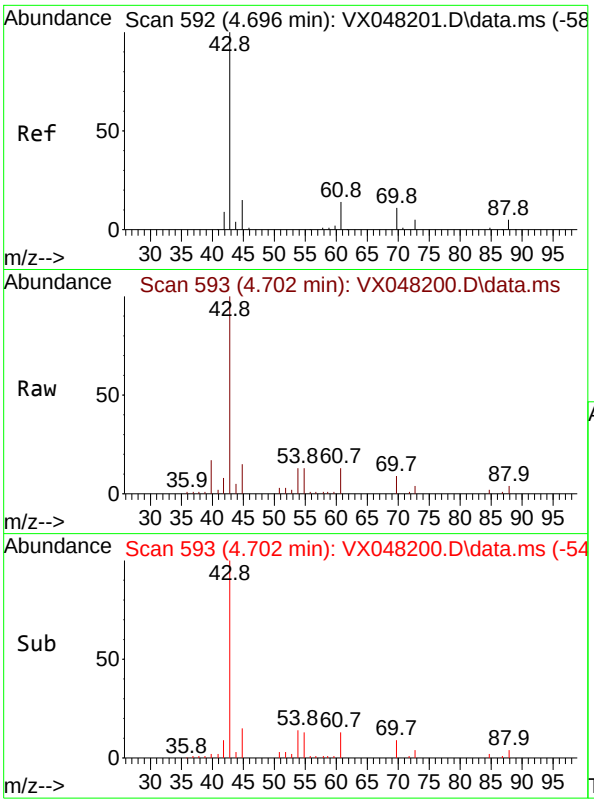


#36
1,1-Dichloropropene
Concen: 17.386 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 44106

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.7	53.1
77	31.6	24.3	36.5

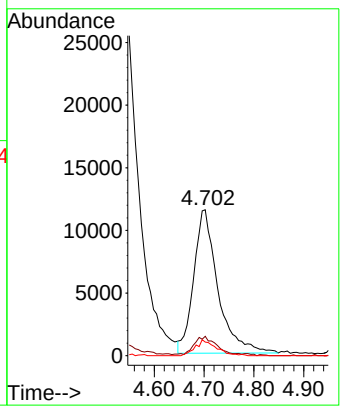




#37
Ethyl Acetate
Concen: 19.063 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 3864

Ion	Ratio	Lower	Upper
43	100		
61	11.2	10.6	15.8
70	9.5	7.8	11.6



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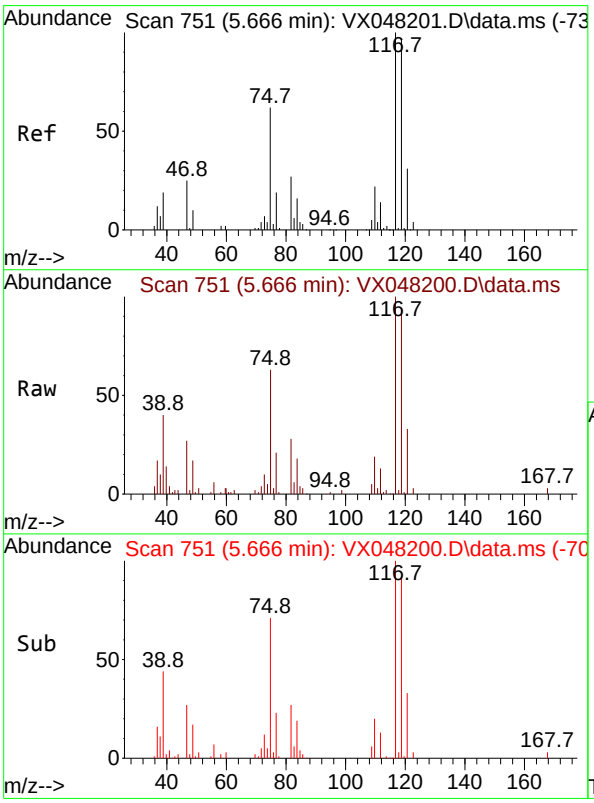
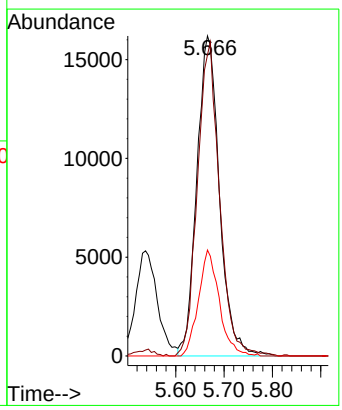
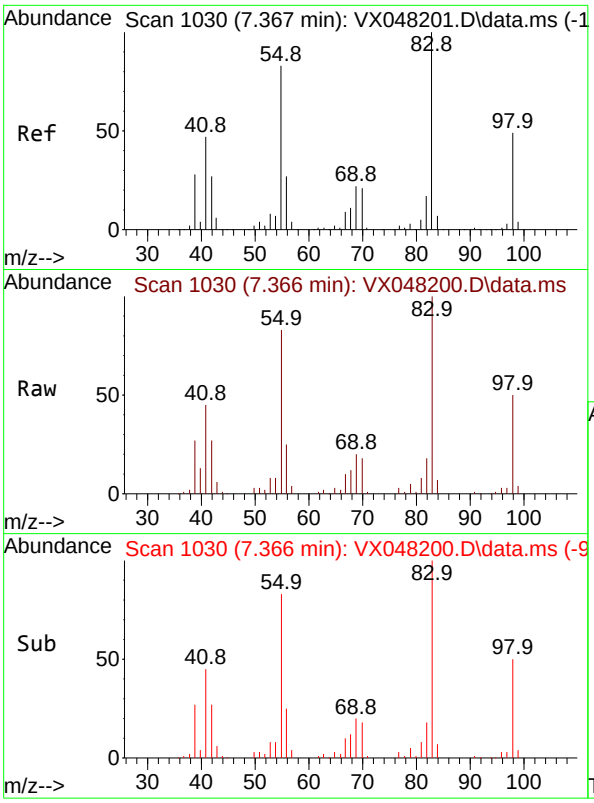


#38
Carbon Tetrachloride
Concen: 18.063 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:117 Resp: 52596

Ion	Ratio	Lower	Upper
117	100		
119	94.1	77.2	115.8
121	33.1	24.8	37.2

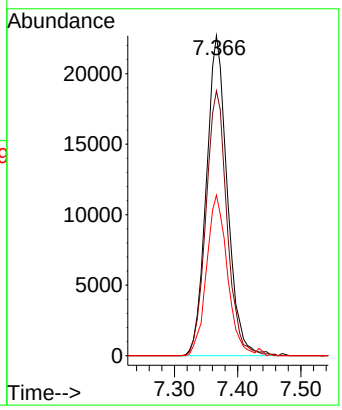




#39
Methylcyclohexane
Concen: 18.276 ug/l
RT: 7.366 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 83 Resp: 5227(

Ion	Ratio	Lower	Upper
83	100		
55	82.8	66.2	99.2
98	50.2	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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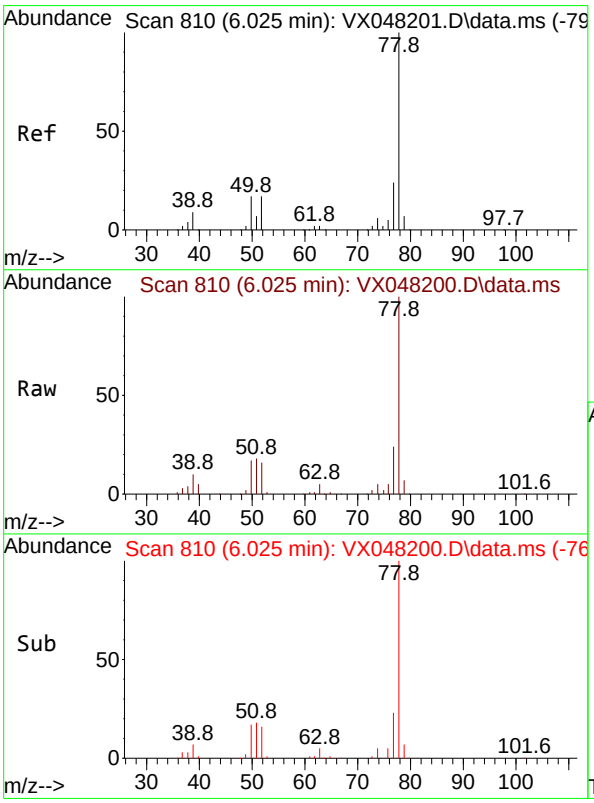
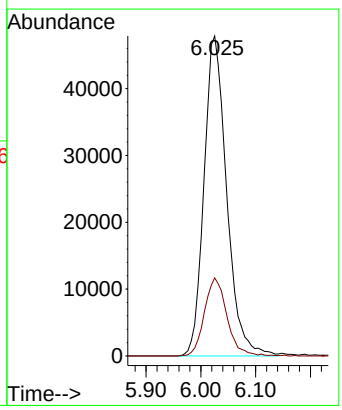
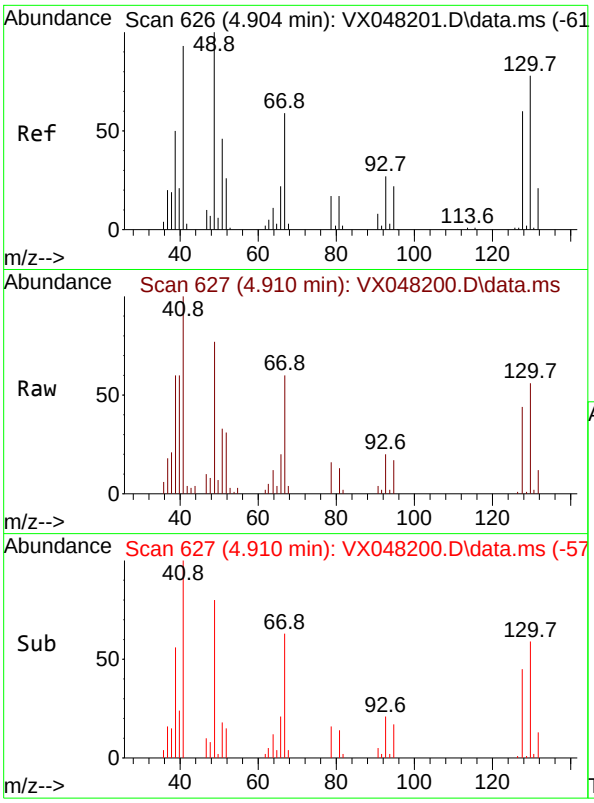


#40
Benzene
Concen: 18.259 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 78 Resp: 137544

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9

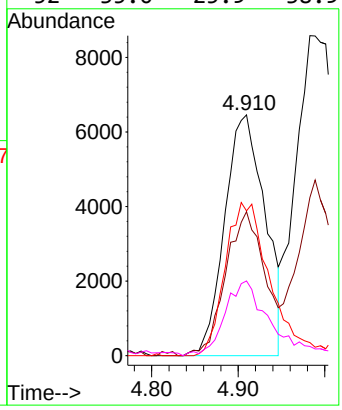




#41
Methacrylonitrile
Concen: 19.271 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 41 Resp: 2092

Ion	Ratio	Lower	Upper
41	100		
39	57.8	44.0	66.0
67	70.4	58.7	88.1
52	35.0	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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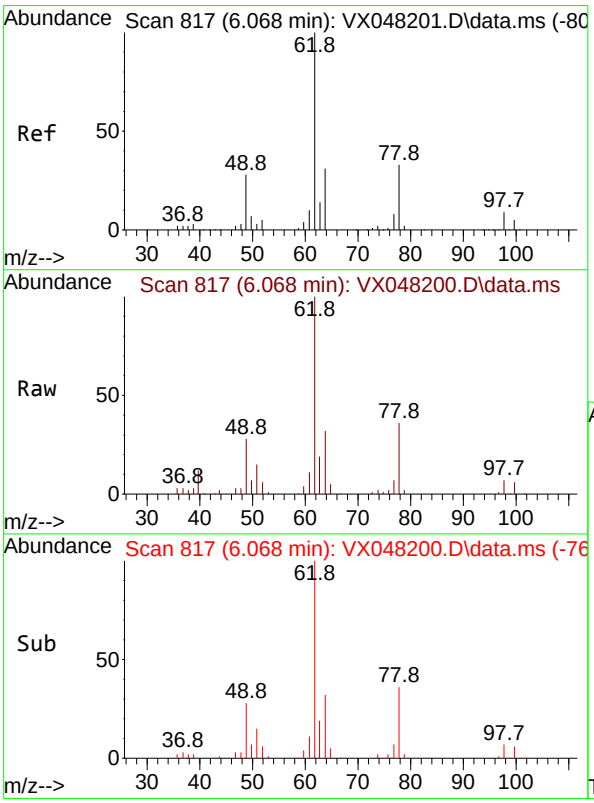
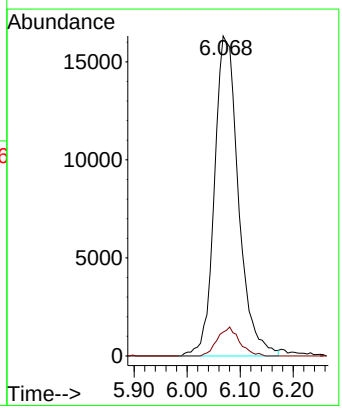
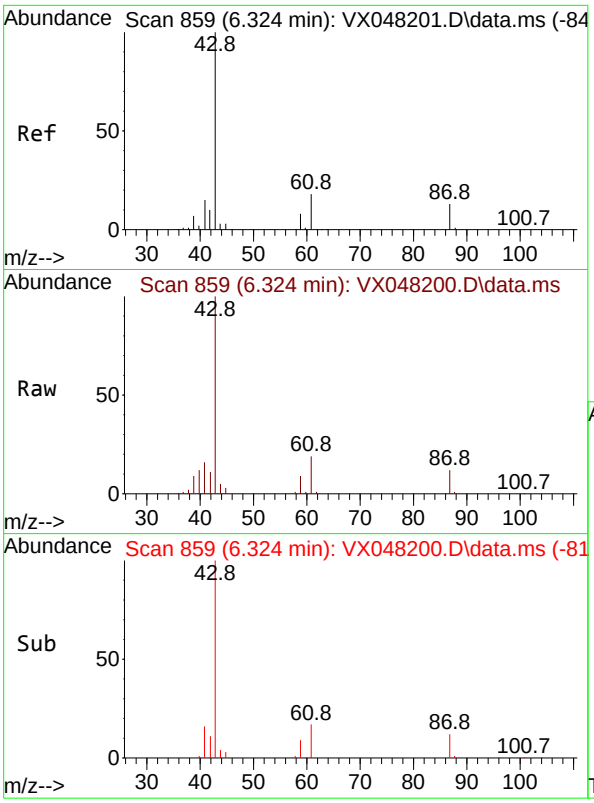


#42
1,2-Dichloroethane
Concen: 19.051 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 62 Resp: 51415

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.2





#43
Isopropyl Acetate
Concen: 18.762 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 6385

Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.9	22.3
87	11.8	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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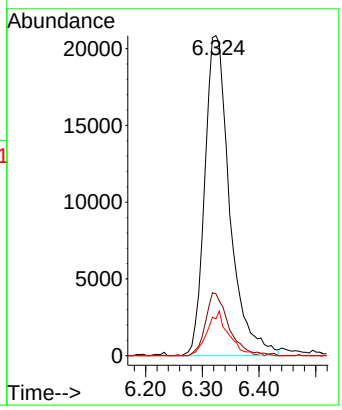
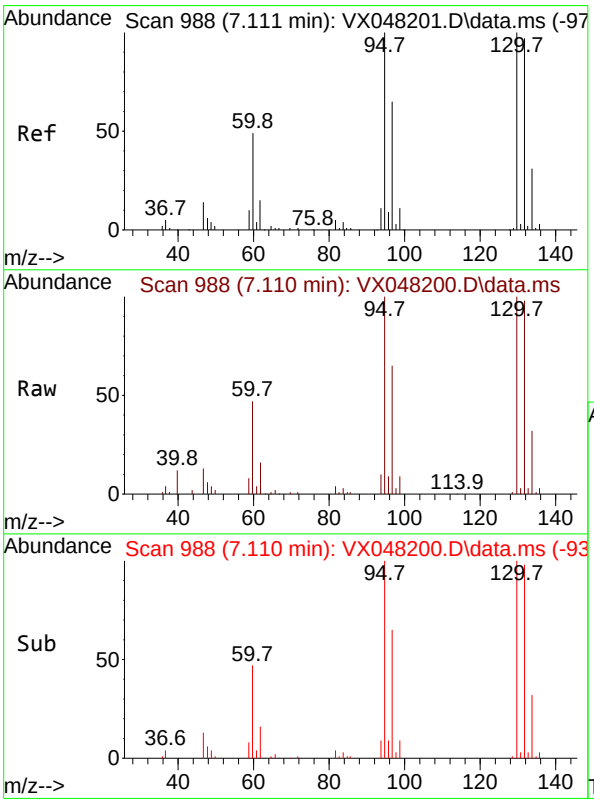
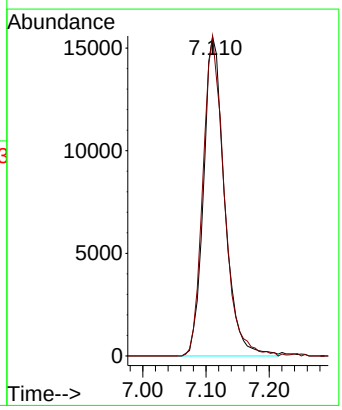


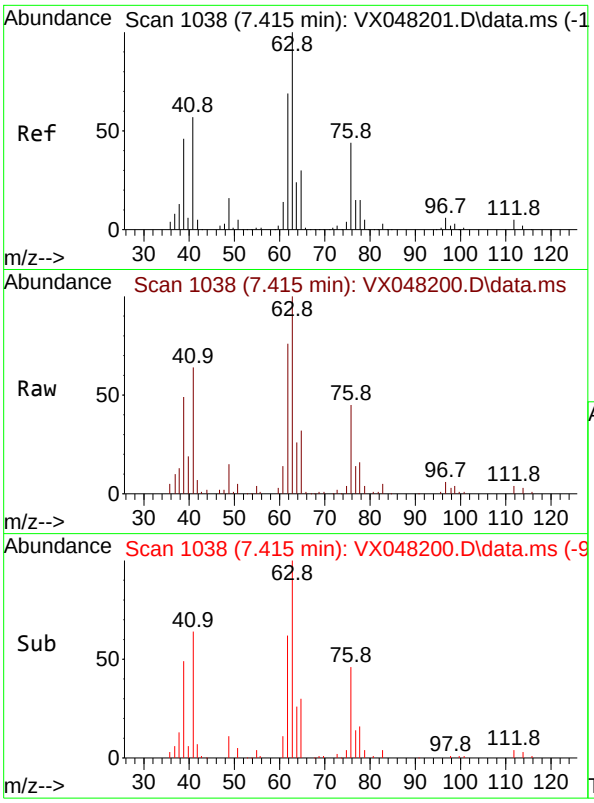


#44
Trichloroethene
Concen: 18.900 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:130 Resp: 35880

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	200.6

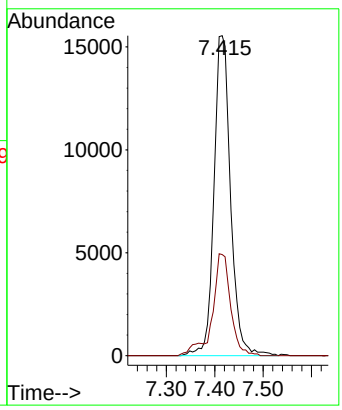




#45
1,2-Dichloropropane
Concen: 19.451 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 63 Resp: 3708

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.1	36.1



Instrument :
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ClientSampleId :
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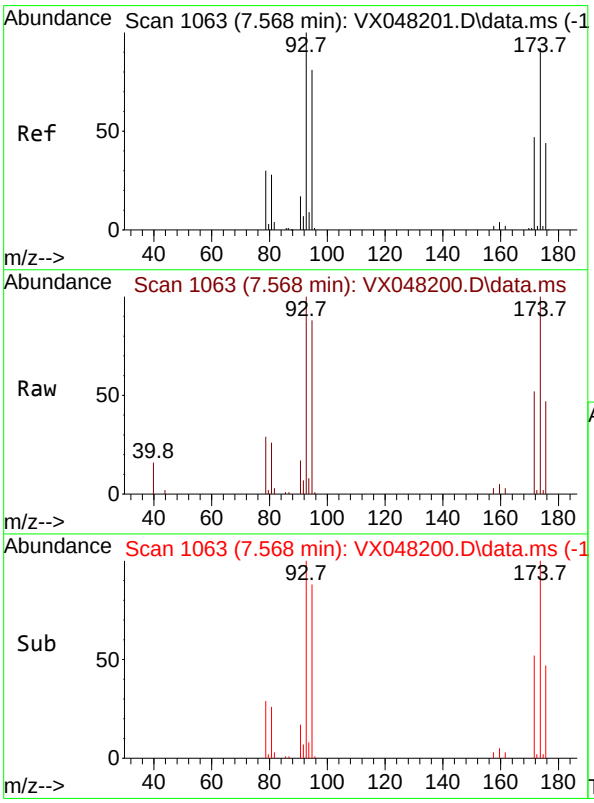
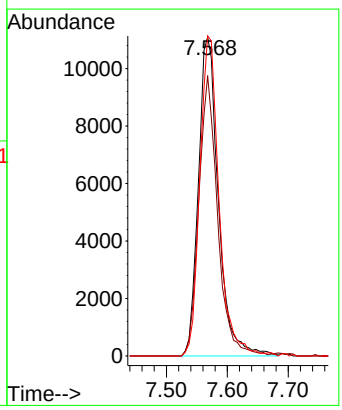
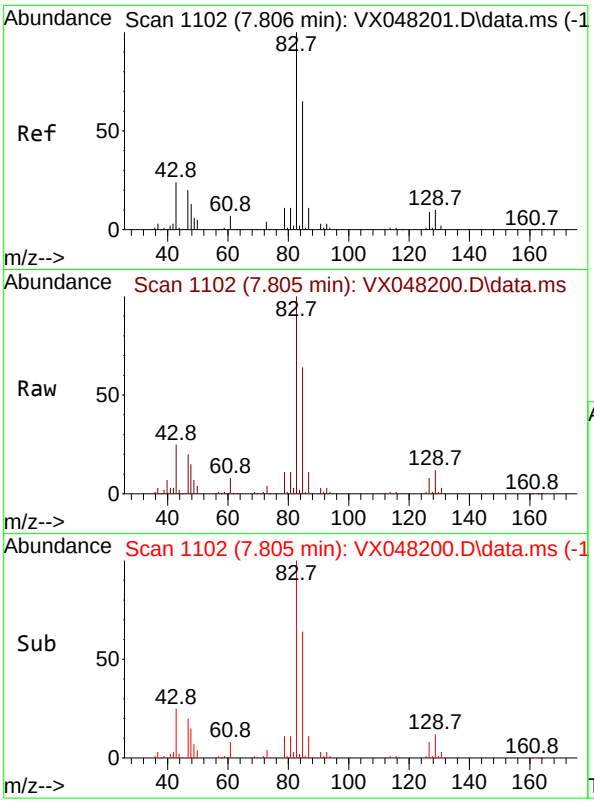


#46
Dibromomethane
Concen: 18.432 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 93 Resp: 25284

Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.9	98.9
174	96.3	71.7	107.5

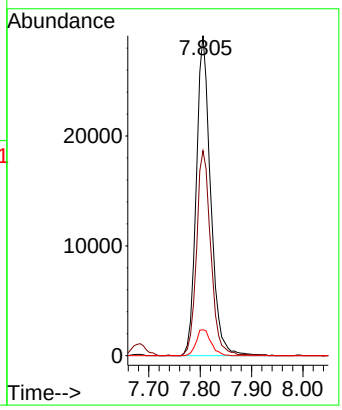




#47
Bromodichloromethane
Concen: 19.060 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 83 Resp: 5650

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.2	78.4
127	8.1	7.3	10.9



Instrument :
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ClientSampleId :
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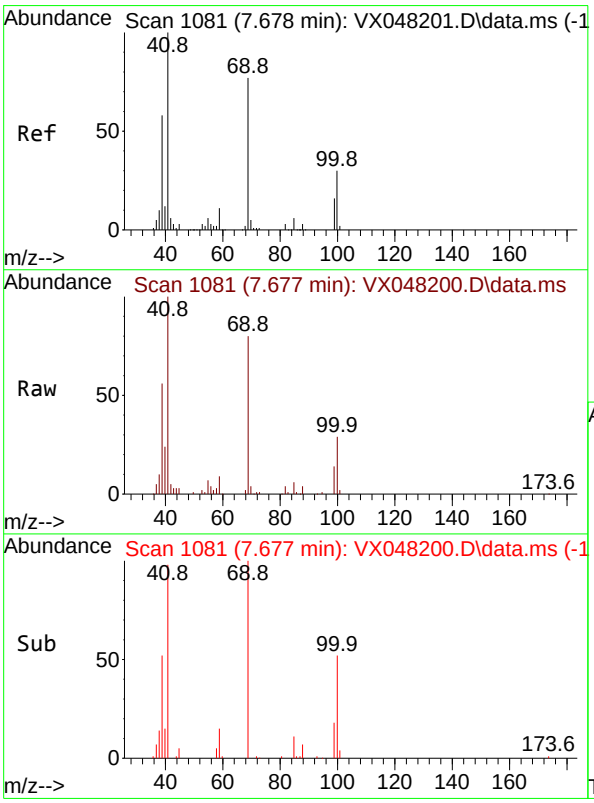
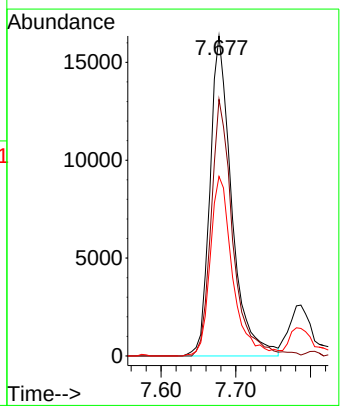
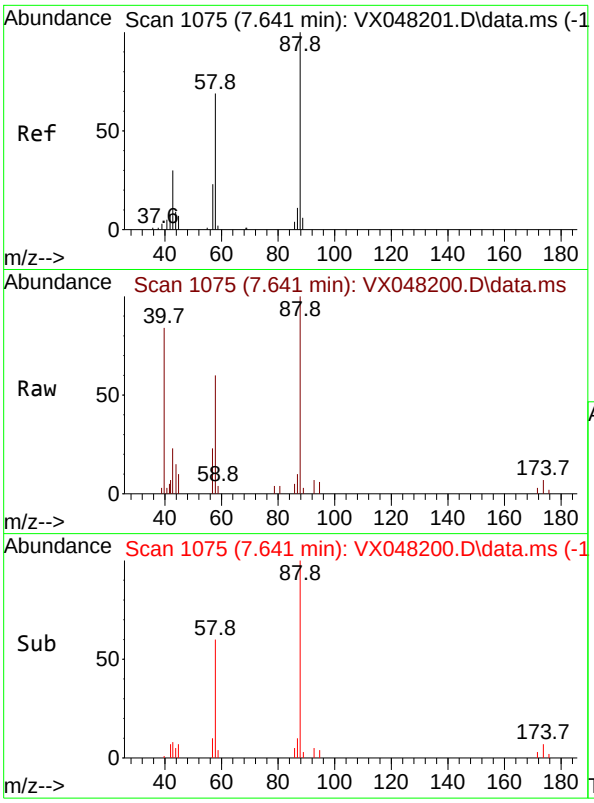


#48
Methyl methacrylate
Concen: 18.945 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 41 Resp: 33005

Ion	Ratio	Lower	Upper
41	100		
69	80.0	63.4	95.0
39	58.0	47.1	70.7

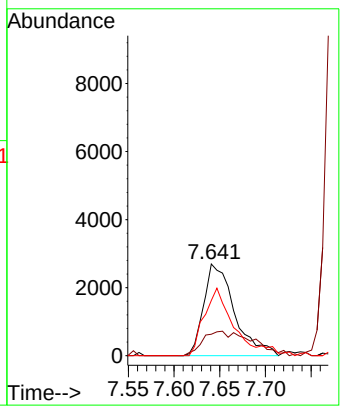




#49
1,4-Dioxane
Concen: 402.877 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 88 Resp: 631

Ion	Ratio	Lower	Upper
88	100		
43	43.4	35.0	52.4
58	71.9	61.9	92.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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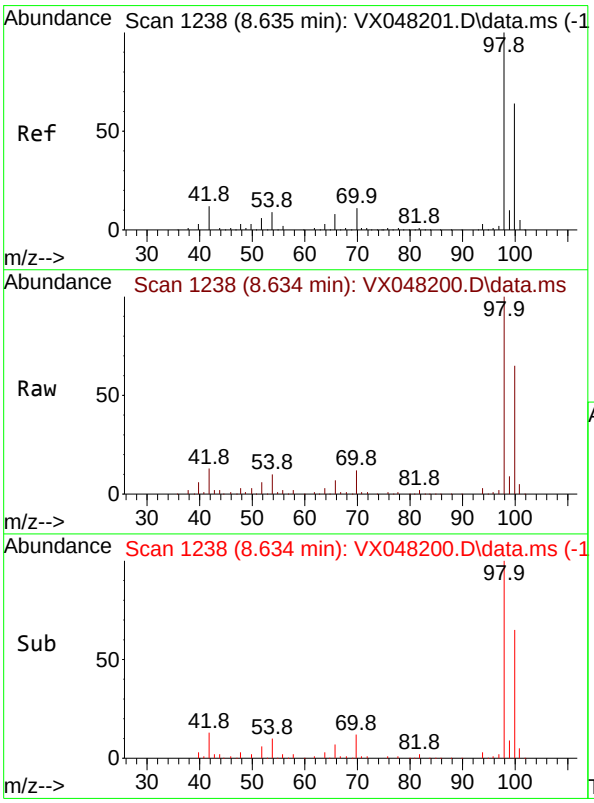
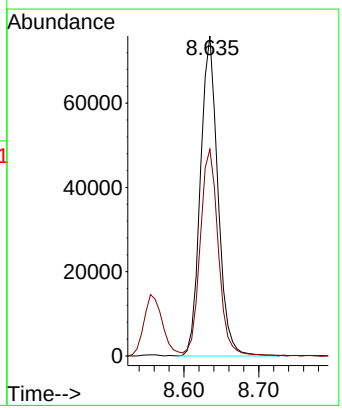
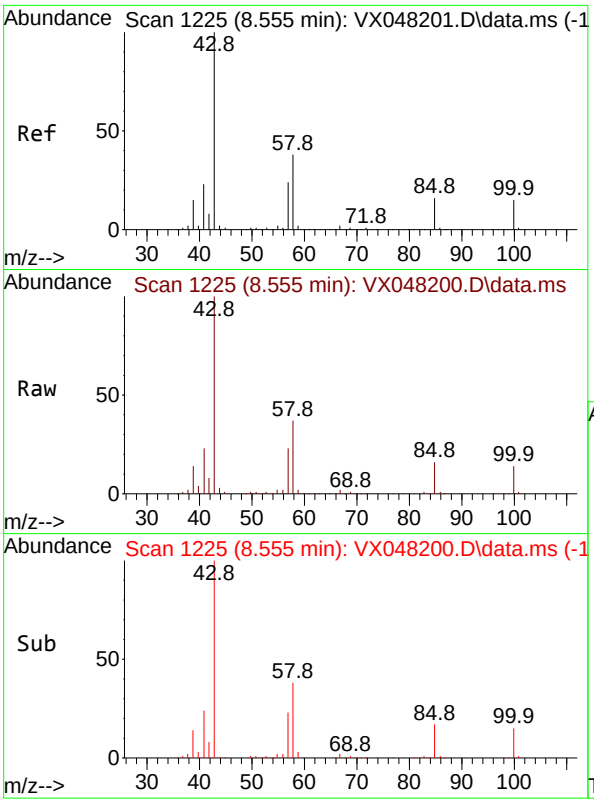


#50
Toluene-d8
Concen: 19.003 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 98 Resp: 123286

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4

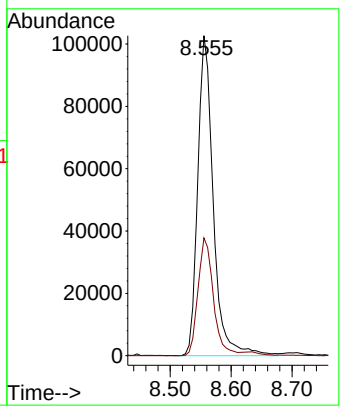




#51
4-Methyl-2-Pentanone
Concen: 96.201 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 18218

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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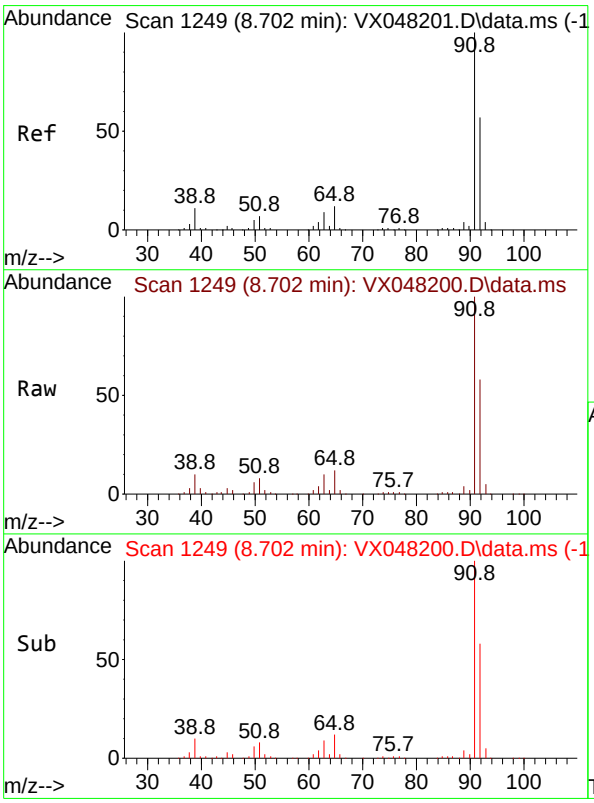
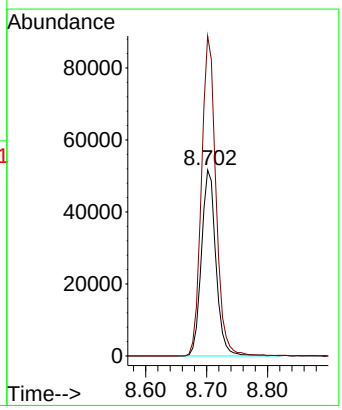
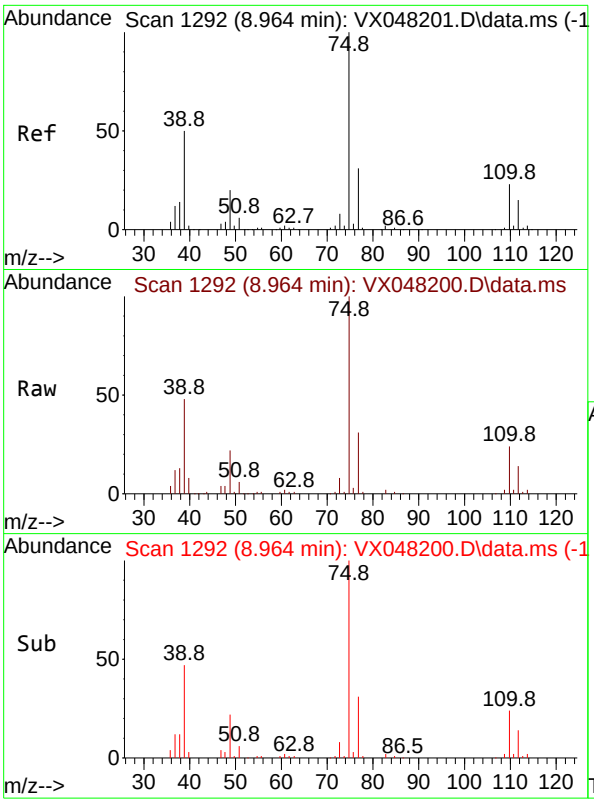


#52
Toluene
Concen: 18.832 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 92 Resp: 85262

Ion	Ratio	Lower	Upper
92	100		
91	172.2	136.1	204.1

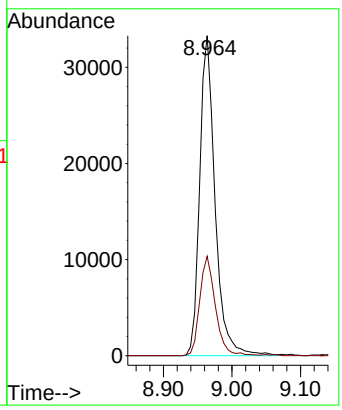




#53
t-1,3-Dichloropropene
Concen: 18.746 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 5206

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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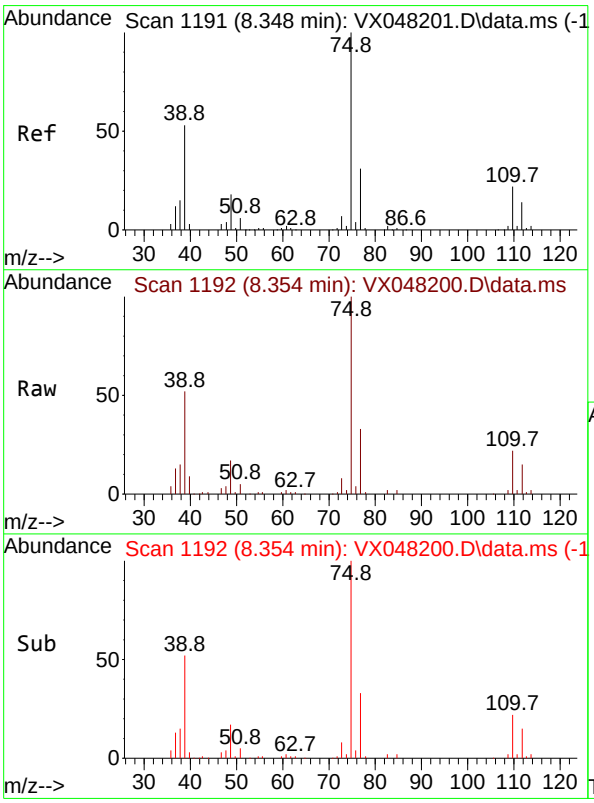
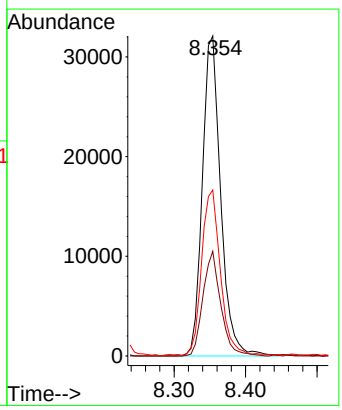
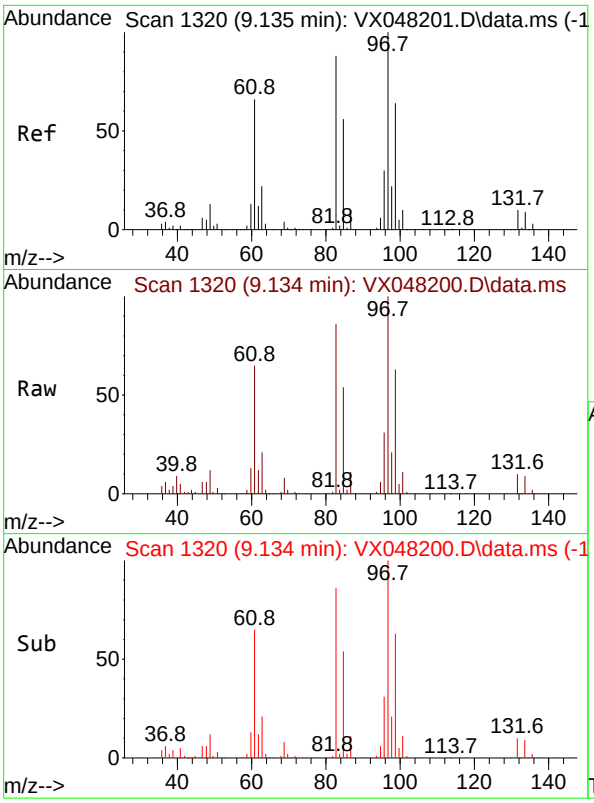


#54
cis-1,3-Dichloropropene
Concen: 18.893 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 57193

Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.9	37.3
39	51.5	42.6	64.0

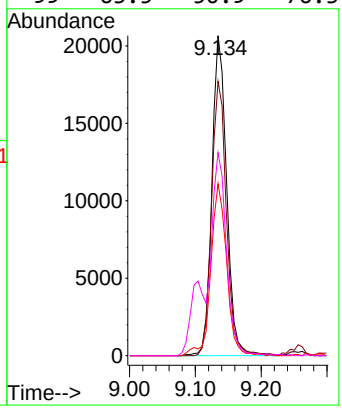




#55
1,1,2-Trichloroethane
Concen: 19.012 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 97 Resp: 3211

Ion	Ratio	Lower	Upper
97	100		
83	85.7	70.6	105.8
85	53.8	45.0	67.6
99	63.5	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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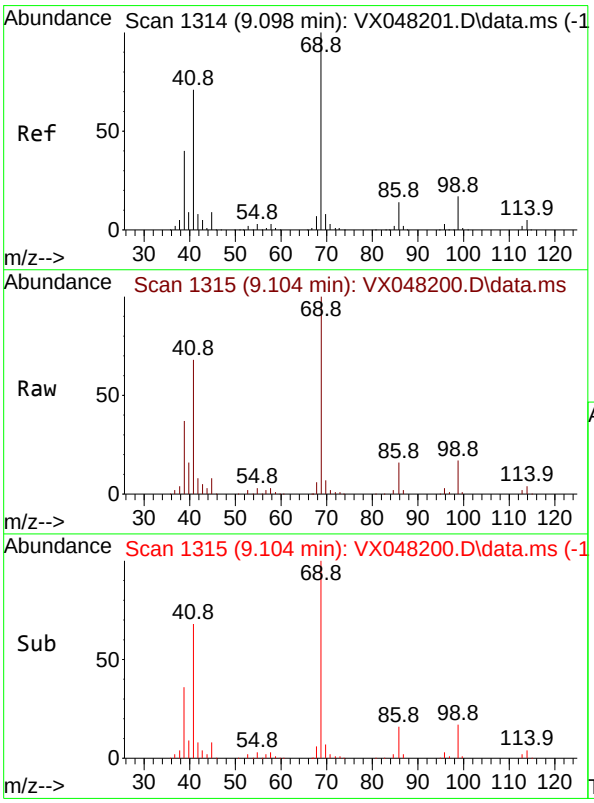
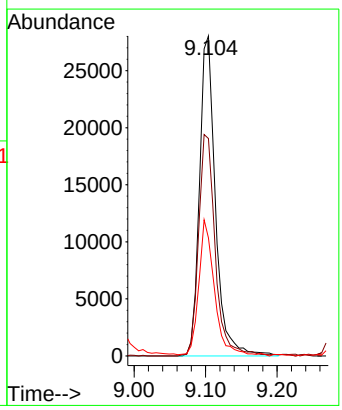
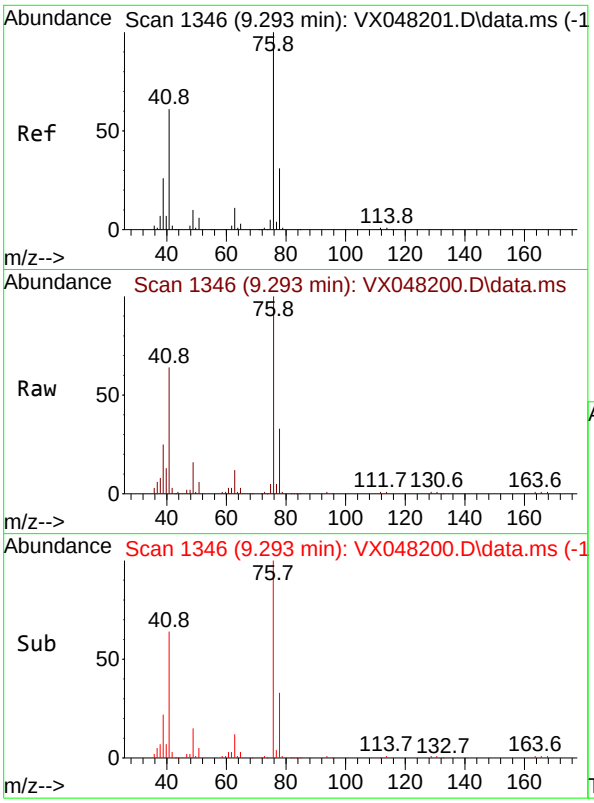


#56
Ethyl methacrylate
Concen: 18.983 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 69 Resp: 43616

Ion	Ratio	Lower	Upper
69	100		
41	72.2	56.0	84.0
39	42.2	31.6	47.4

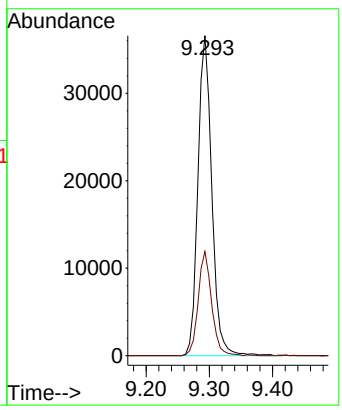




#57
1,3-Dichloropropane
Concen: 18.979 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 76 Resp: 5601

Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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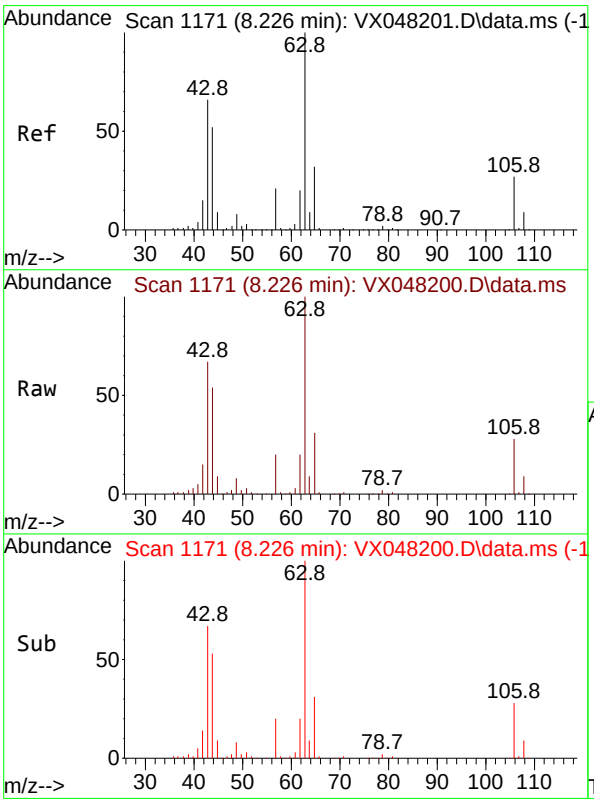
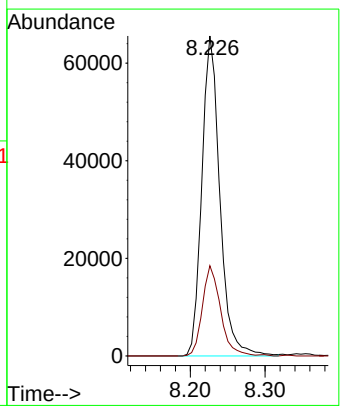
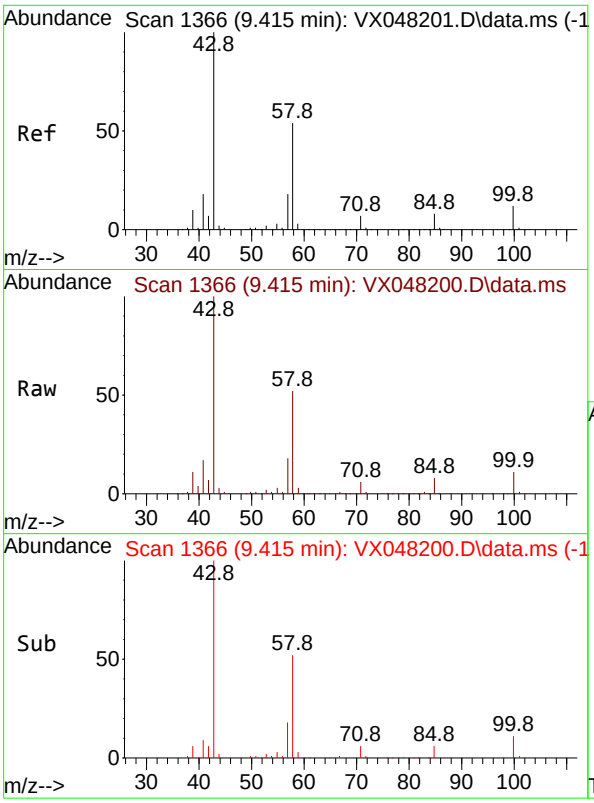


#58
2-Chloroethyl Vinyl ether
Concen: 87.551 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 63 Resp: 109951

Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.2	33.2





#59
2-Hexanone
Concen: 96.420 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 12772

Ion	Ratio	Lower	Upper
43	100		
58	51.1	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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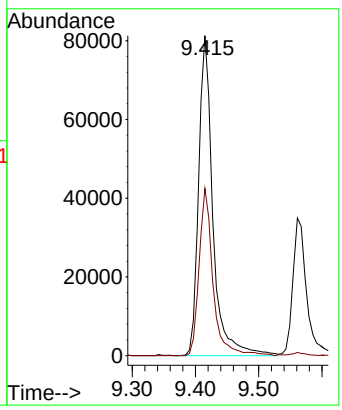
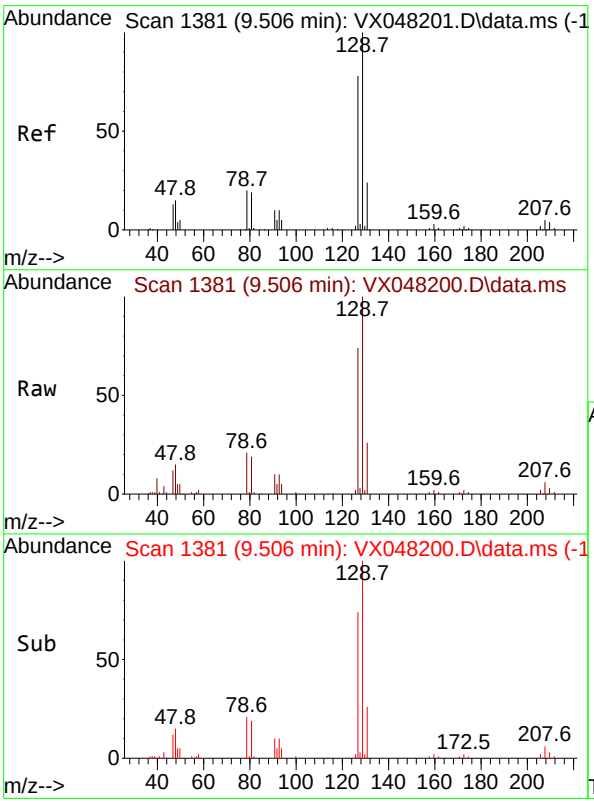
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

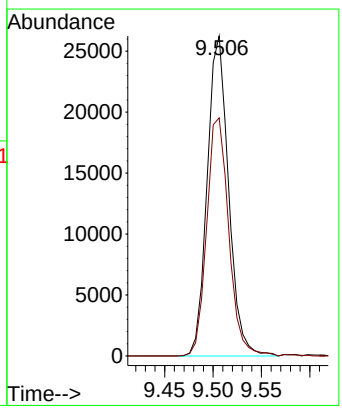


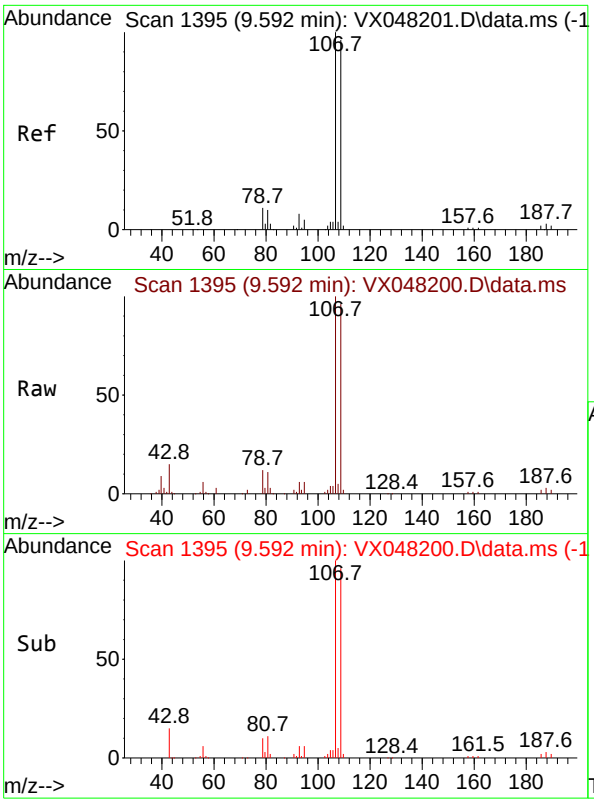


#60
Dibromochloromethane
Concen: 19.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:129 Resp: 40353

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	115.7

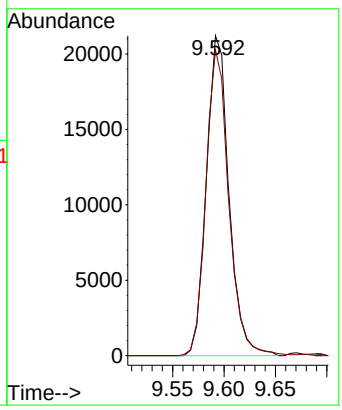




#61
1,2-Dibromoethane
Concen: 18.749 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:107 Resp: 3247

Ion	Ratio	Lower	Upper
107	100		
109	96.8	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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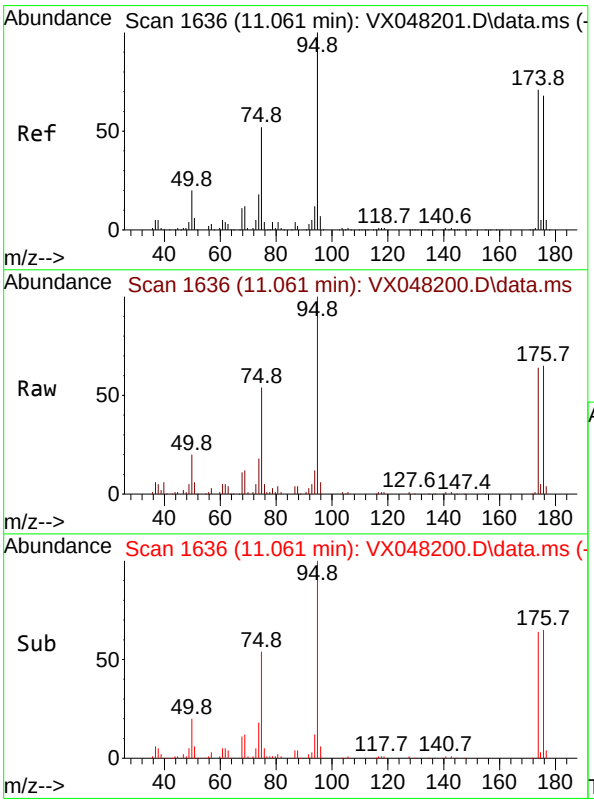
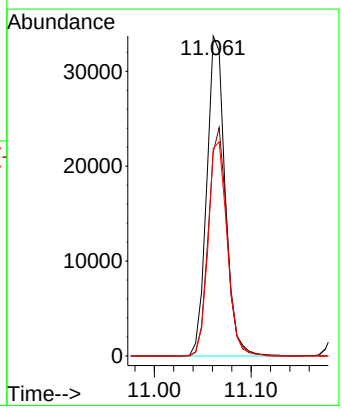
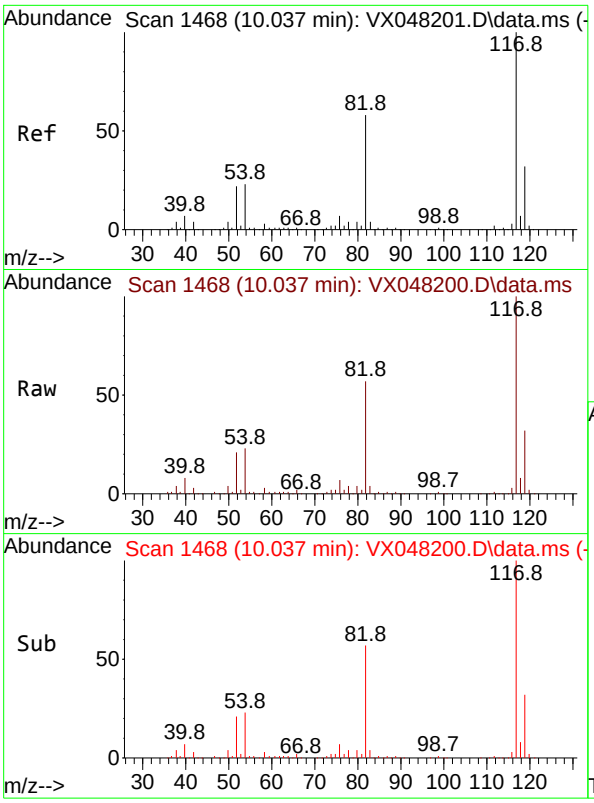


#62
4-Bromofluorobenzene
Concen: 18.848 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 95 Resp: 44537

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	147.8
176	69.3	0.0	142.8

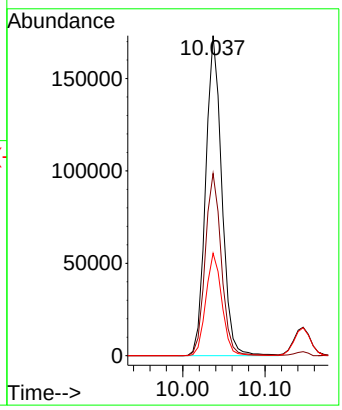




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:117 Resp: 23539

Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.5	69.7
119	32.0	25.9	38.9



Instrument :
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ClientSampleId :
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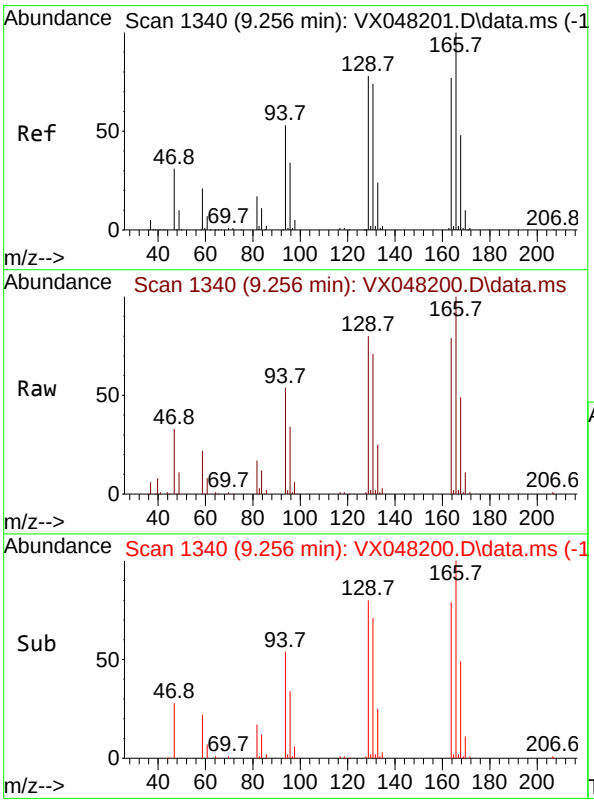
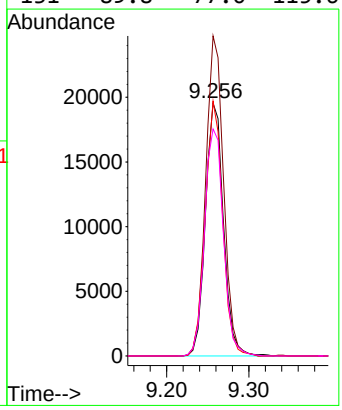
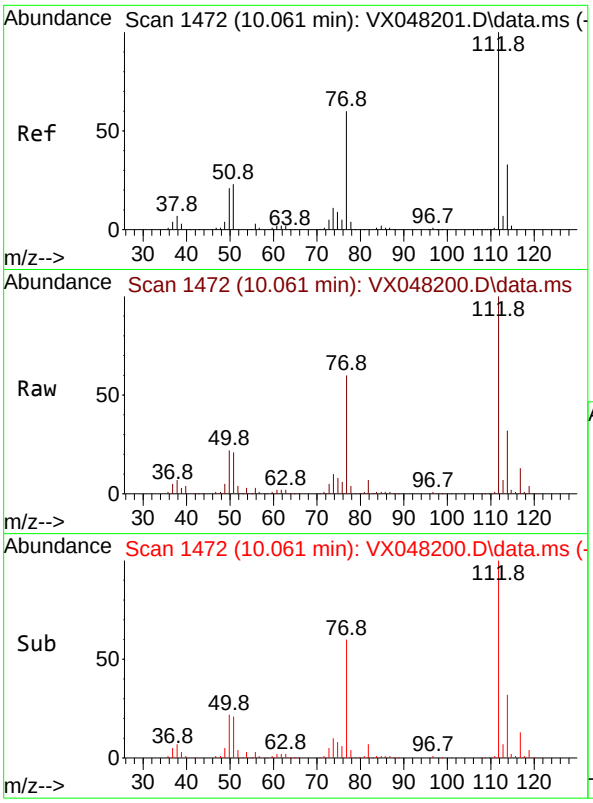


#64
Tetrachloroethene
Concen: 18.076 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:164 Resp: 29834

Ion	Ratio	Lower	Upper
164	100		
166	126.6	104.5	156.7
129	100.7	81.8	122.6
131	89.8	77.0	115.6

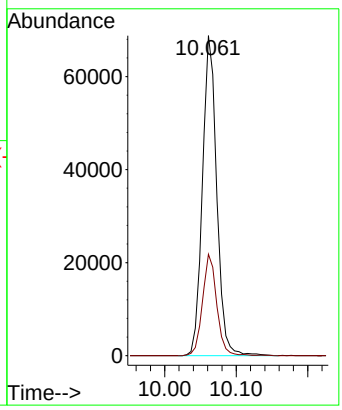




#65
Chlorobenzene
Concen: 18.568 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:112 Resp: 9556

Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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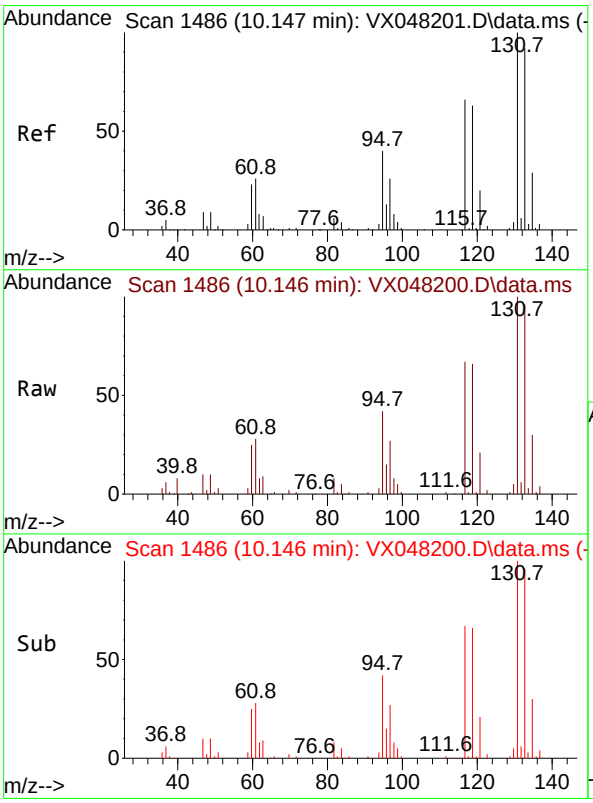
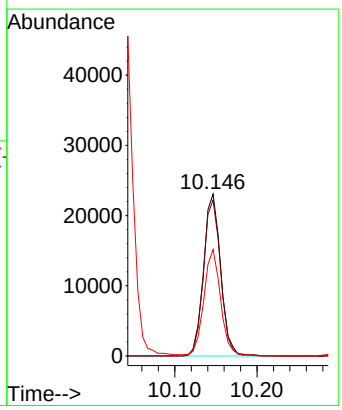
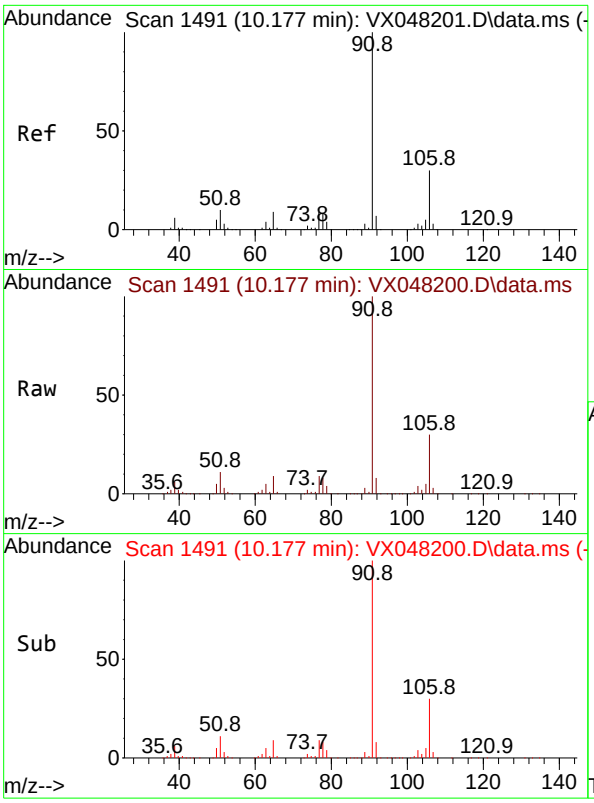


#66
1,1,1,2-Tetrachloroethane
Concen: 17.871 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:131 Resp: 33146

Ion	Ratio	Lower	Upper
131	100		
133	97.2	47.6	142.8
119	65.0	32.5	97.5

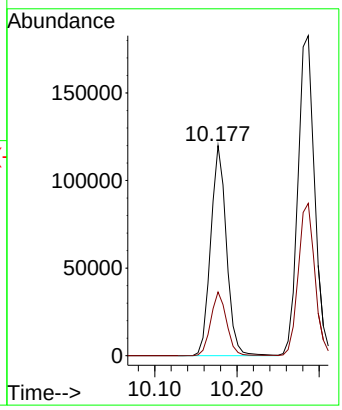




#67
Ethyl Benzene
Concen: 18.078 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 91 Resp: 15951

Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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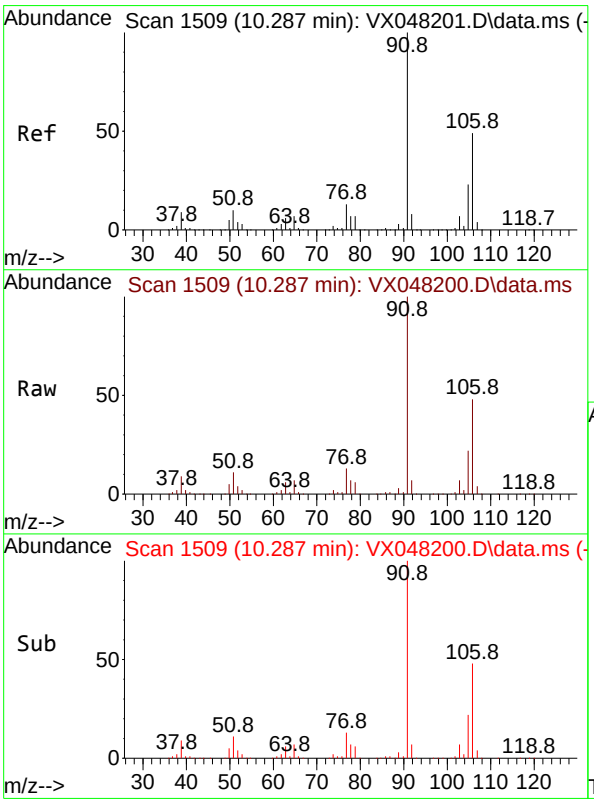
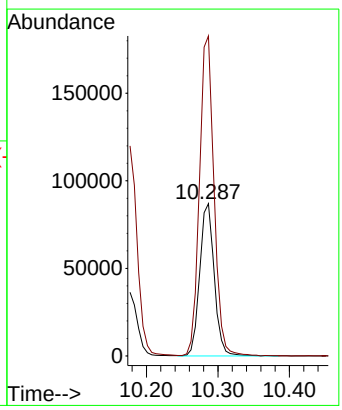
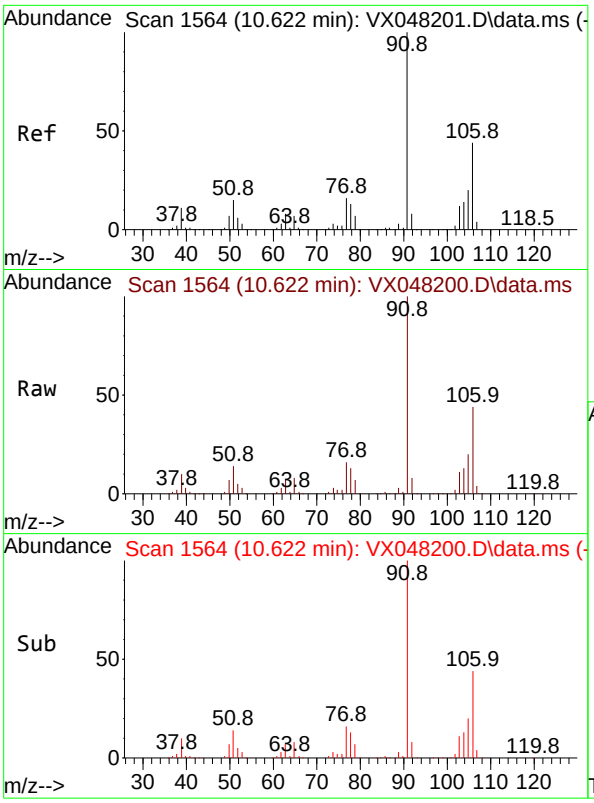


#68
m/p-Xylenes
Concen: 37.388 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:106 Resp: 122901

Ion	Ratio	Lower	Upper
106	100		
91	210.0	167.9	251.9

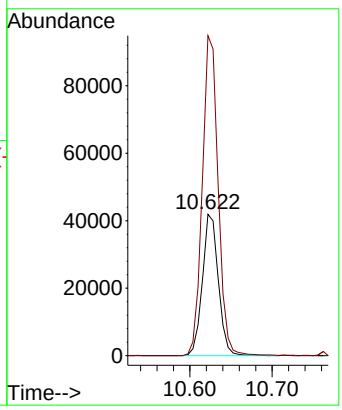




#69
o-Xylene
Concen: 18.223 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:106 Resp: 5639

Ion	Ratio	Lower	Upper
106	100		
91	225.4	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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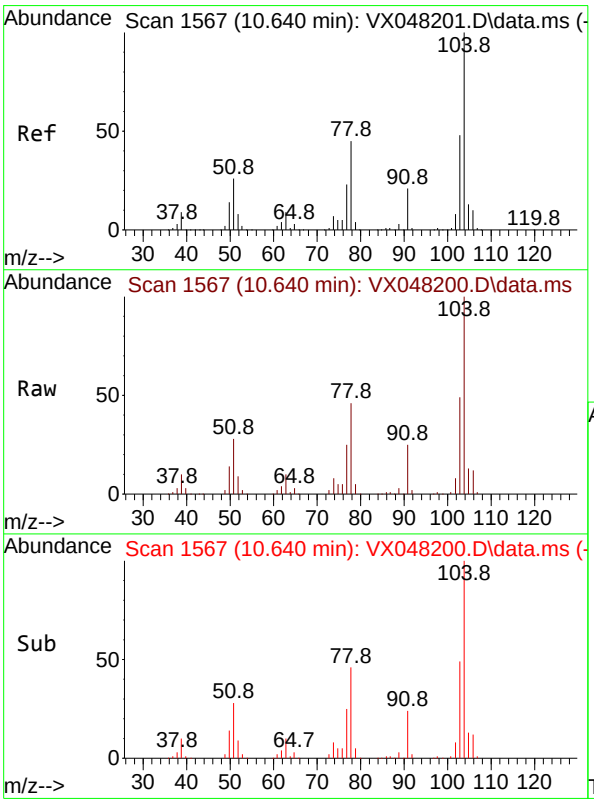
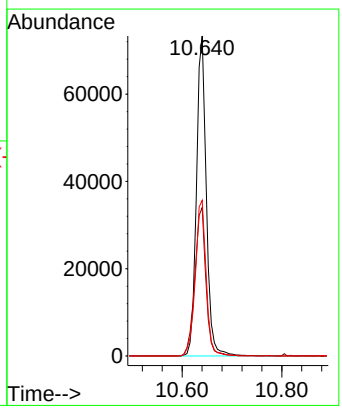
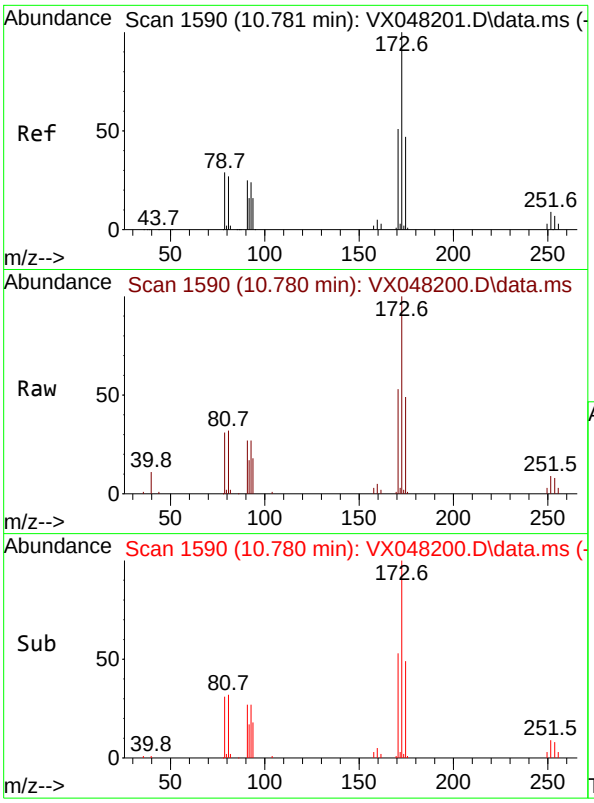


#70
Styrene
Concen: 18.912 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:104 Resp: 100737

Ion	Ratio	Lower	Upper
104	100		
78	52.4	42.2	63.4
103	53.5	43.0	64.4

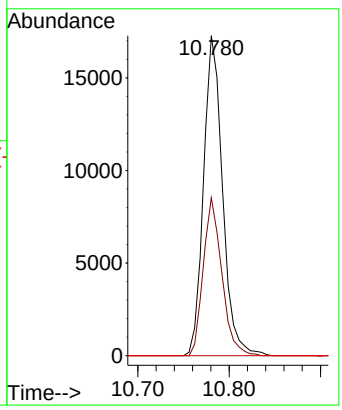




#71
Bromoform
Concen: 18.292 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:173 Resp: 2491

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.0	72.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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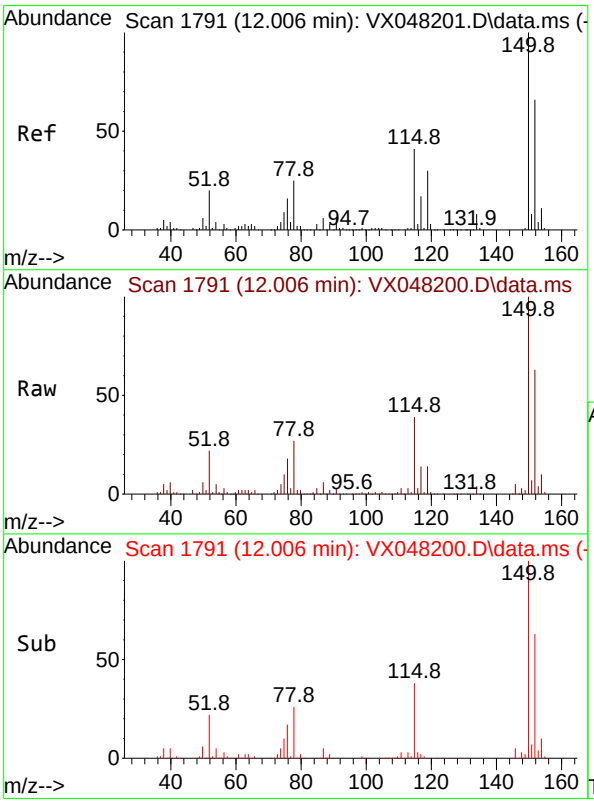
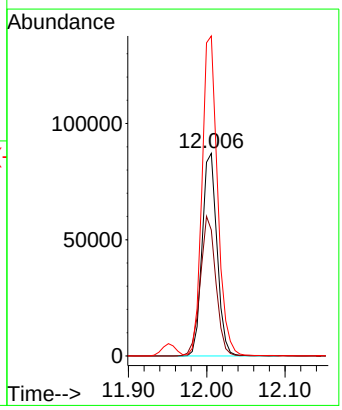
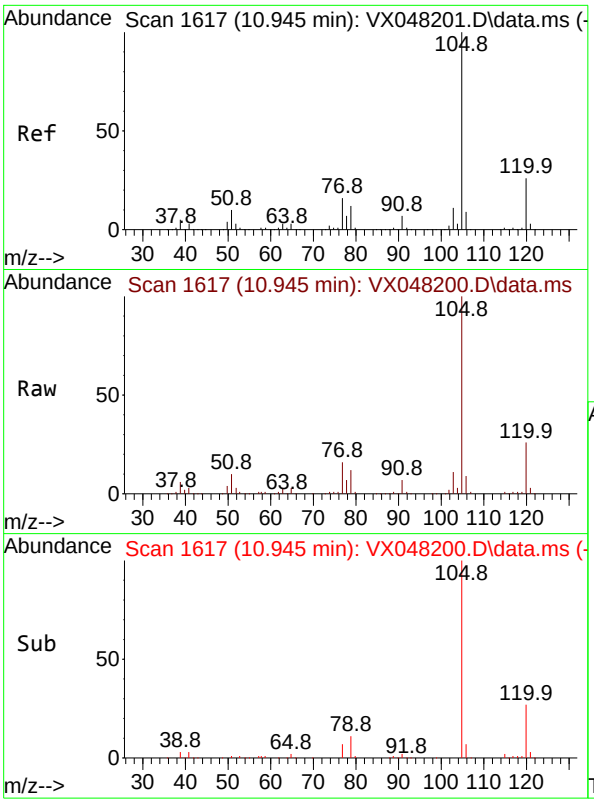


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:152 Resp: 115135

Ion	Ratio	Lower	Upper
152	100		
115	71.6	43.1	129.4
150	164.4	0.0	353.0

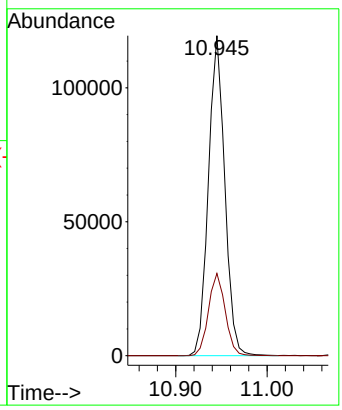




#73
Isopropylbenzene
Concen: 18.467 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:105 Resp: 14788

Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.0	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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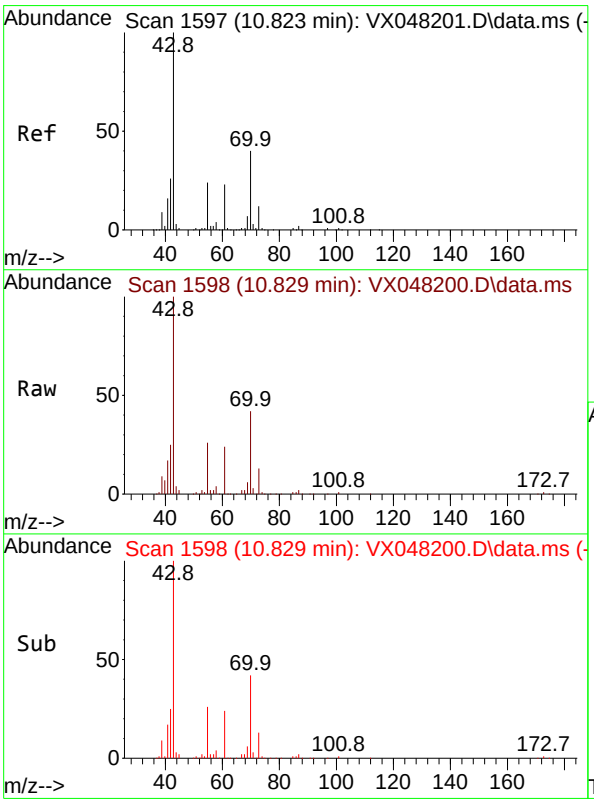
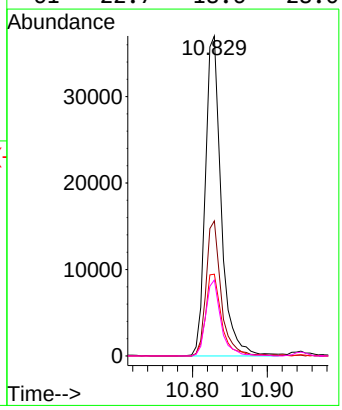
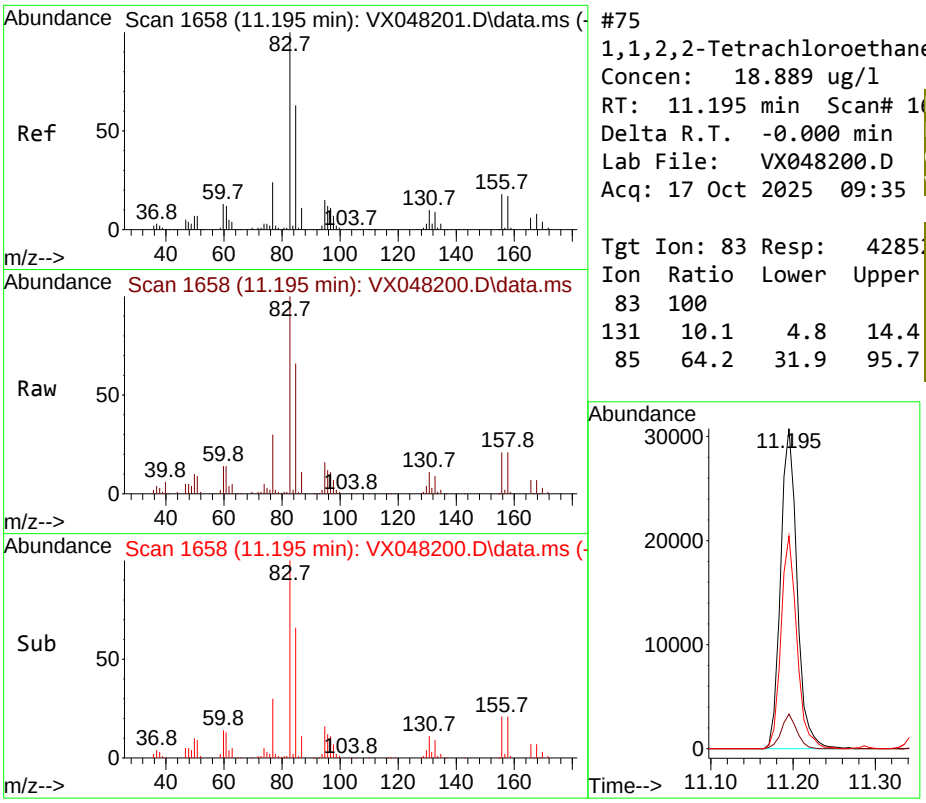


#74
N-amyl acetate
Concen: 18.261 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 43 Resp: 54555

Ion	Ratio	Lower	Upper
43	100		
70	40.1	32.2	48.2
55	25.4	19.1	28.7
61	22.7	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 18.889 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 83 Resp: 4285

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.8	14.4
85	64.2	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
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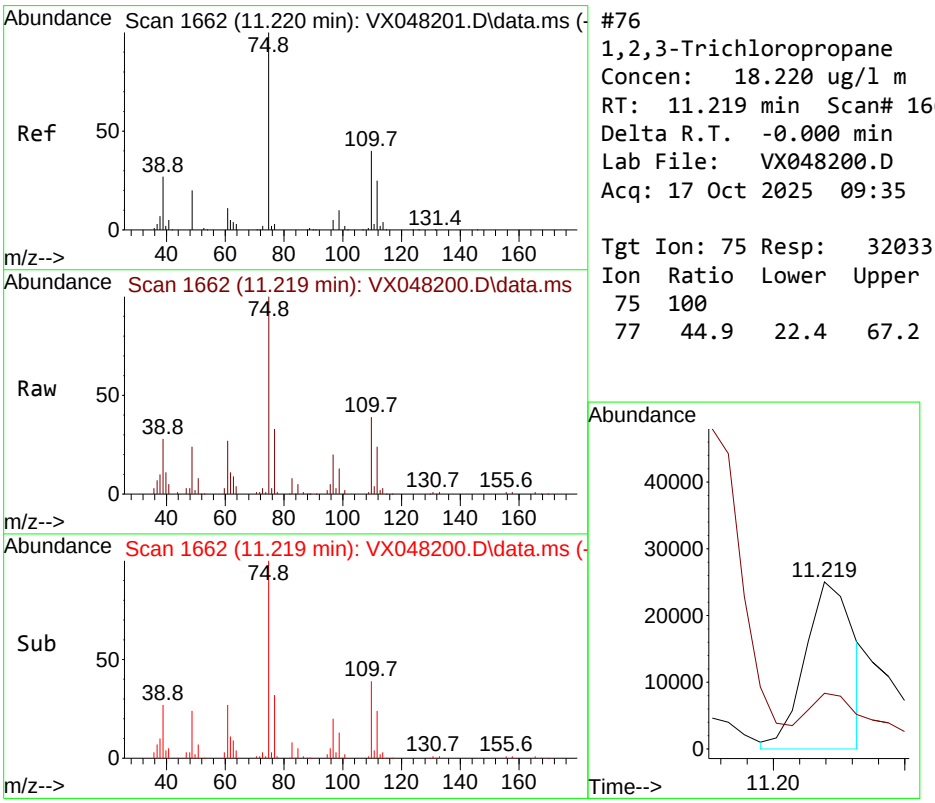
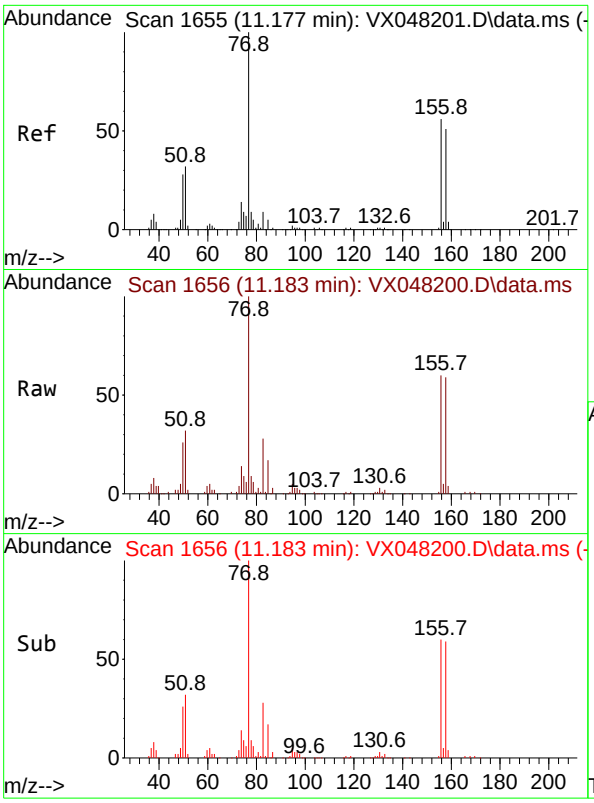


#76
1,2,3-Trichloropropane
Concen: 18.220 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 32033

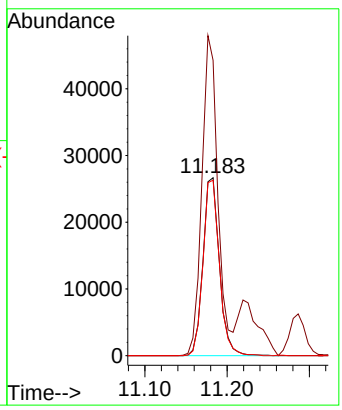
Ion	Ratio	Lower	Upper
75	100		
77	44.9	22.4	67.2



#77
Bromobenzene
Concen: 18.429 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:156 Resp: 3693

Ion	Ratio	Lower	Upper
156	100		
77	175.3	87.0	261.0
158	98.7	47.8	143.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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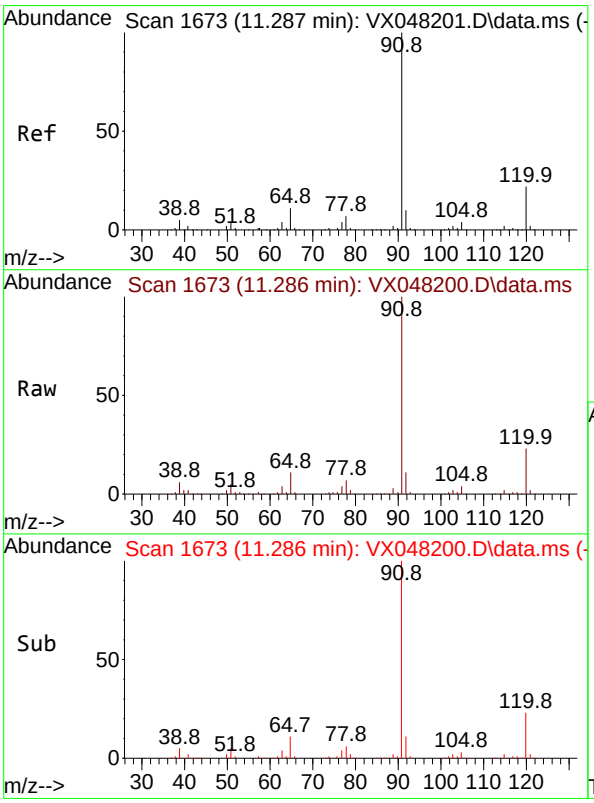
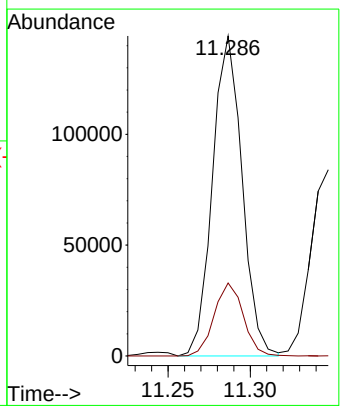
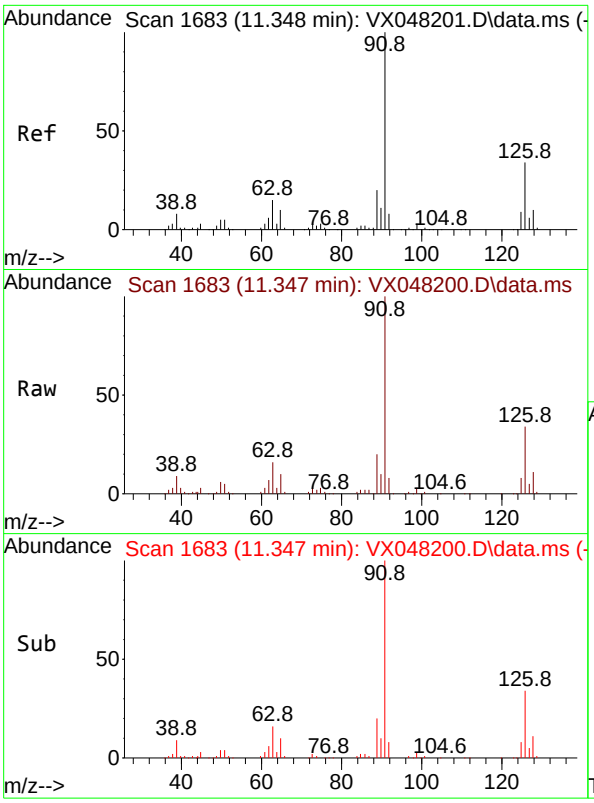


#78
n-propylbenzene
Concen: 18.596 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 91 Resp: 180587

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1





#79
2-Chlorotoluene
Concen: 18.889 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 91 Resp: 11082

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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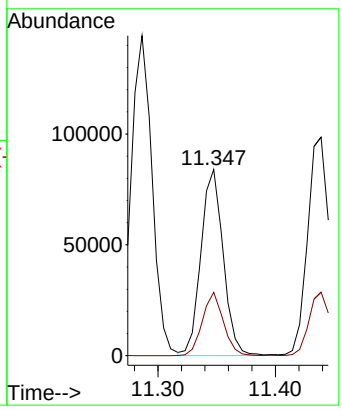
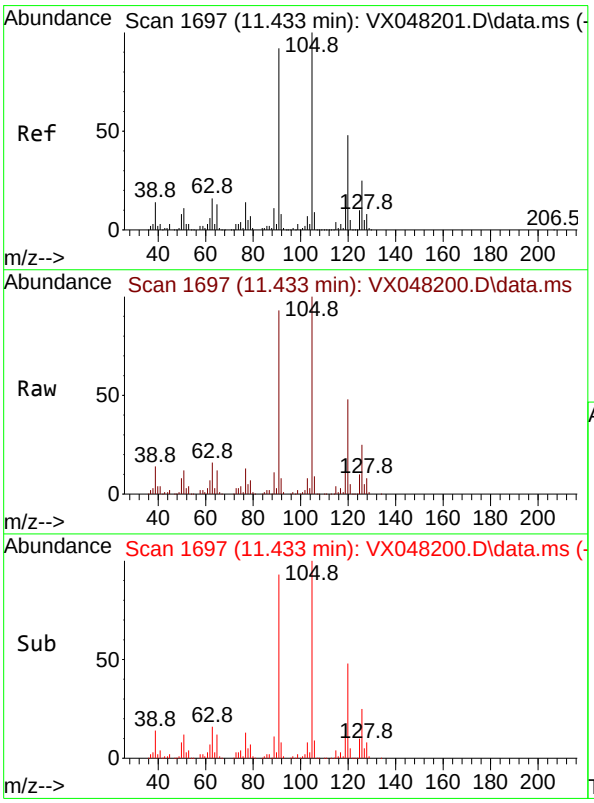
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

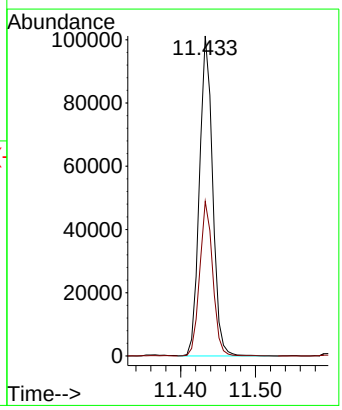


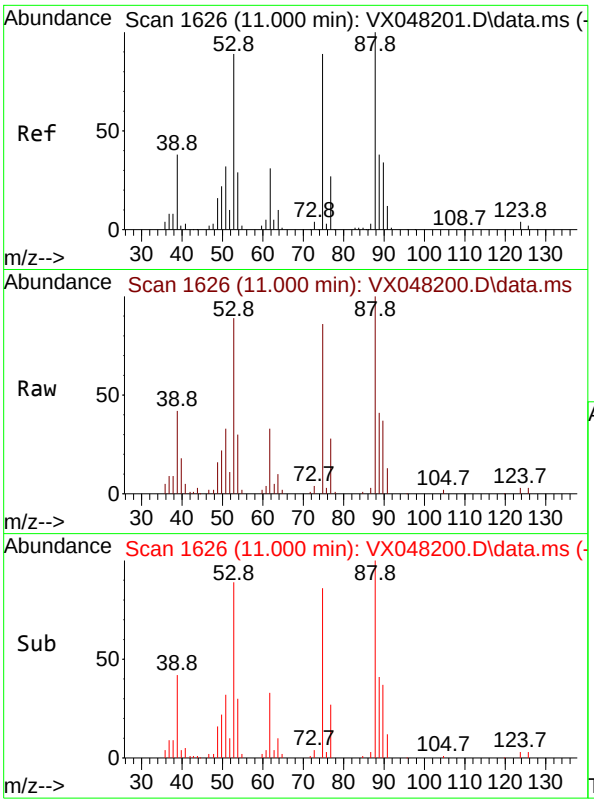


#80
1,3,5-Trimethylbenzene
Concen: 18.861 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:105 Resp: 123979

Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.959 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 1289

Ion	Ratio	Lower	Upper
75	100		
53	106.6	79.5	119.3
89	46.8	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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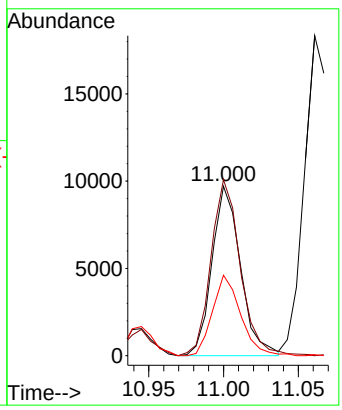
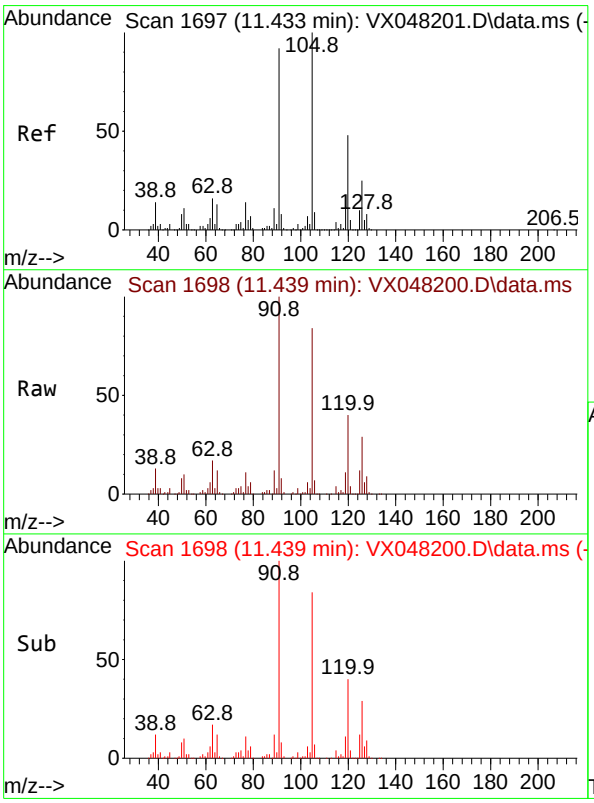
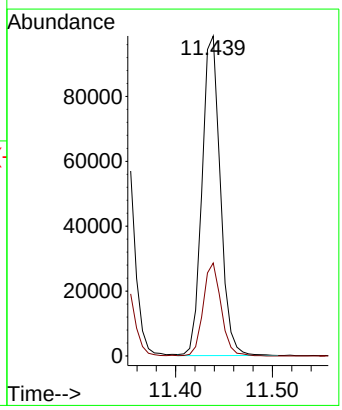


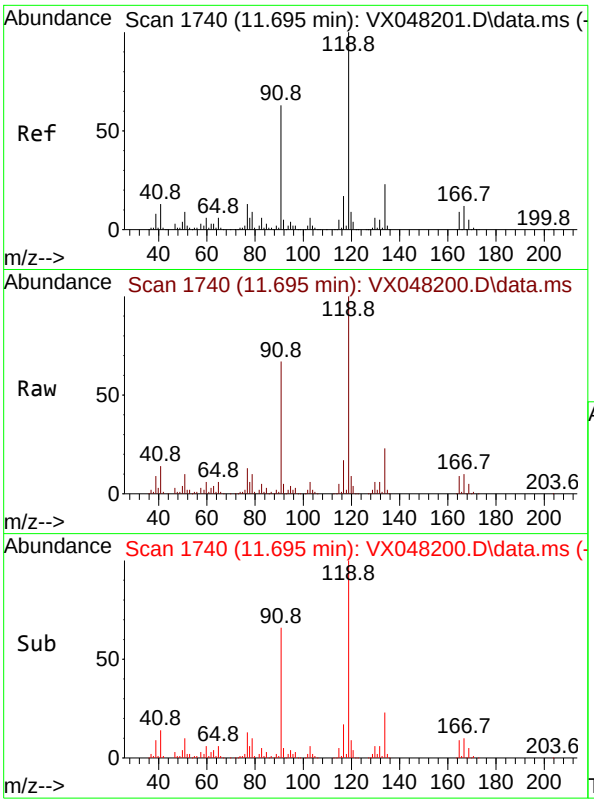


#82
4-Chlorotoluene
Concen: 18.828 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 91 Resp: 129814

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.1	42.4

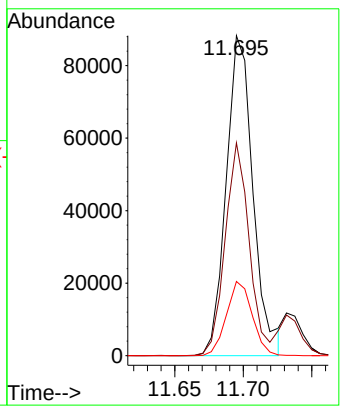




#83
tert-Butylbenzene
Concen: 18.118 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:119 Resp: 12031

Ion	Ratio	Lower	Upper
119	100		
91	59.7	30.3	91.0
134	22.3	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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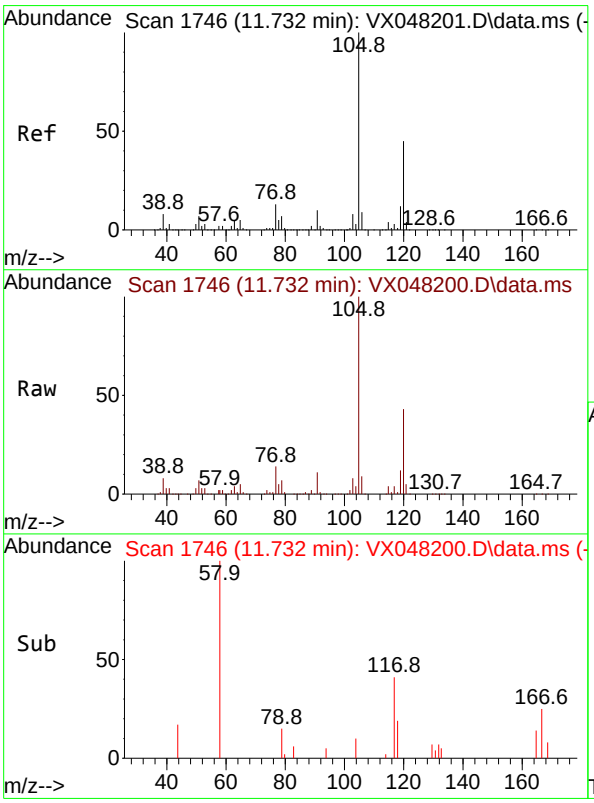
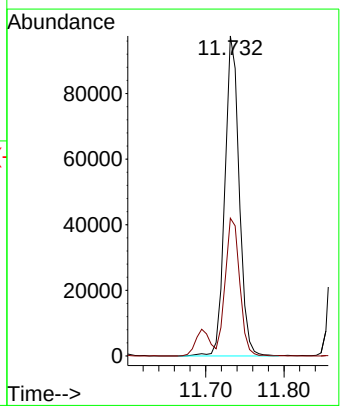
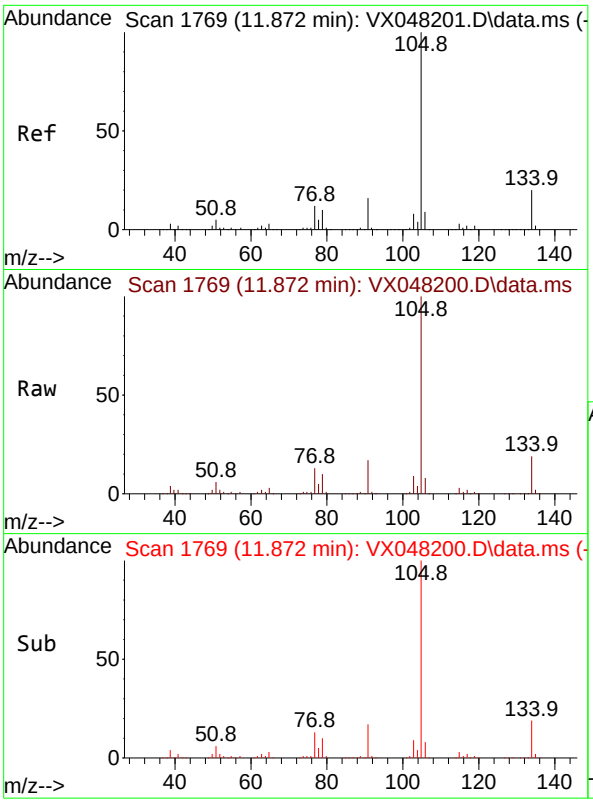


#84
1,2,4-Trimethylbenzene
Concen: 18.960 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:105 Resp: 124103

Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.1	66.5

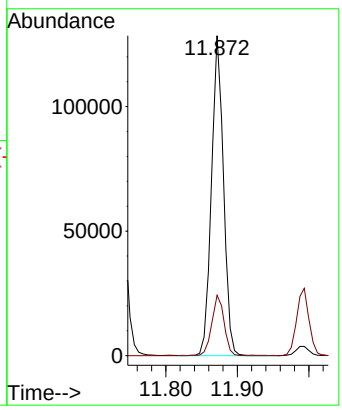




#85
sec-Butylbenzene
Concen: 18.453 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:105 Resp: 14981

Ion	Ratio	Lower	Upper
105	100		
134	19.3	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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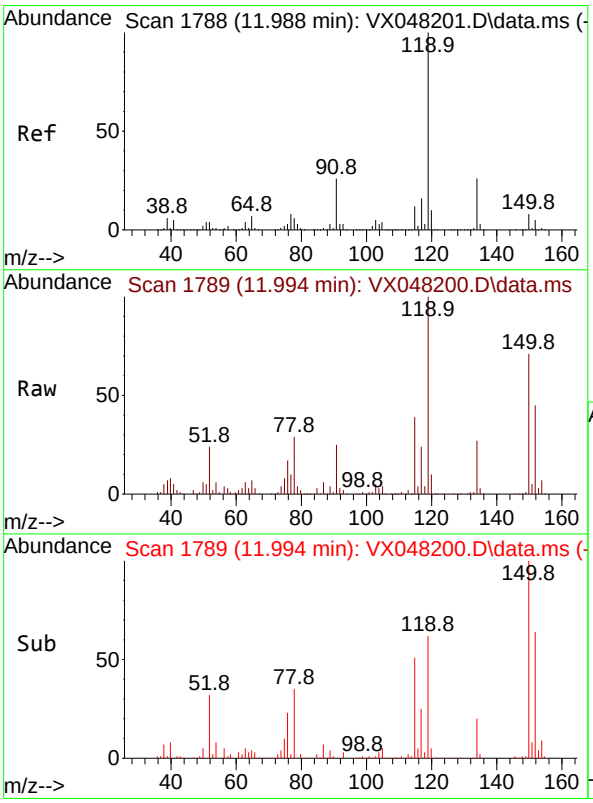
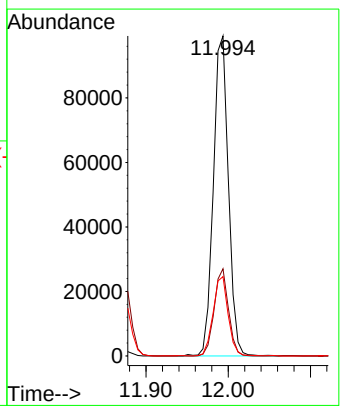
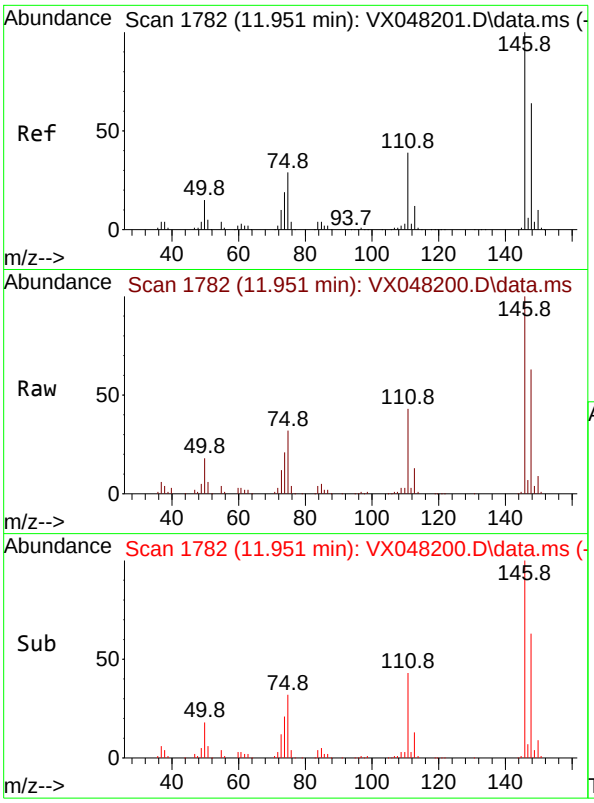


#86
p-Isopropyltoluene
Concen: 18.425 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:119 Resp: 126086

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	39.0
91	24.9	12.1	36.3

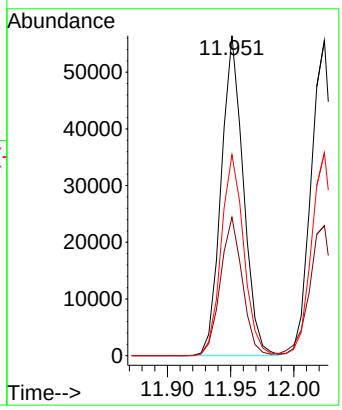




#87
1,3-Dichlorobenzene
Concen: 18.336 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:146 Resp: 6871

Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.4	61.2
148	64.3	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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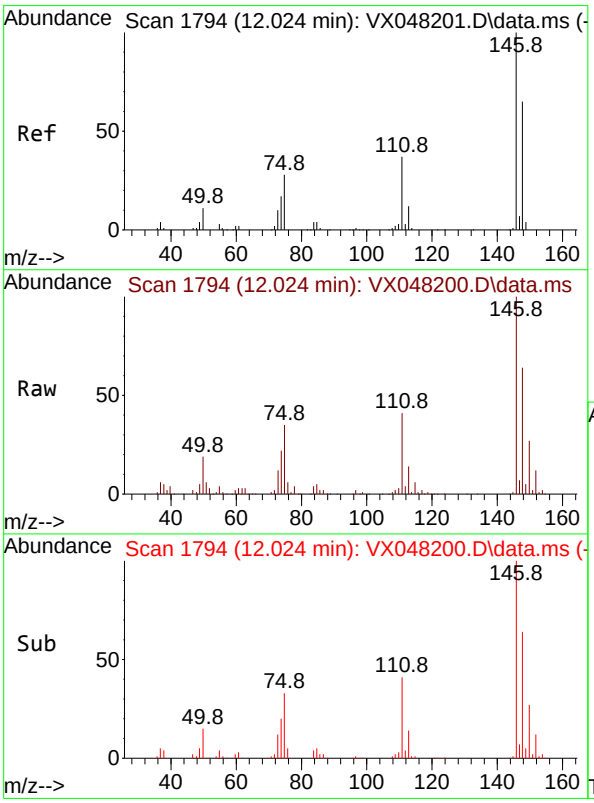
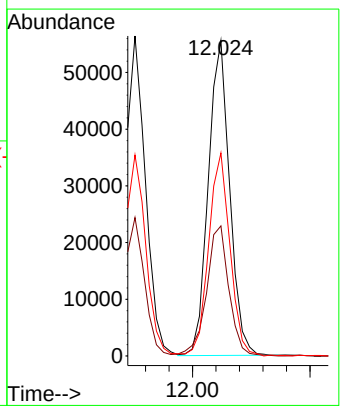
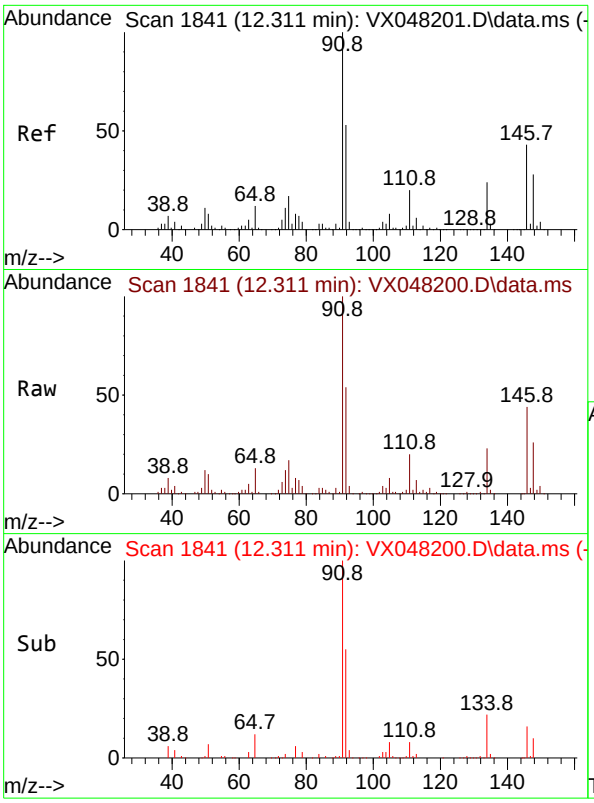


#88
1,4-Dichlorobenzene
Concen: 18.024 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:146 Resp: 70018

Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.1	60.2
148	64.5	31.8	95.3

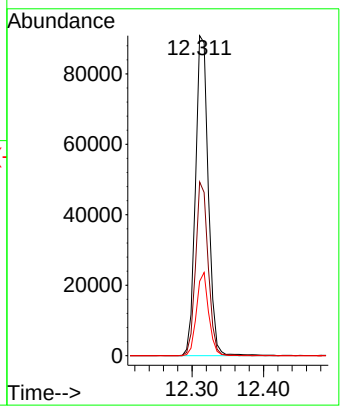




#89
n-Butylbenzene
Concen: 17.742 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 91 Resp: 11308

Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.9	80.6
134	24.6	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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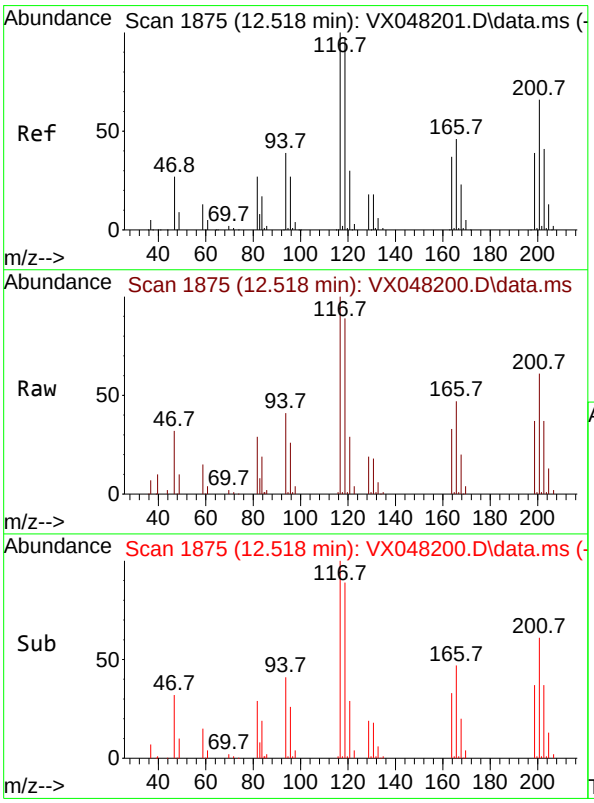
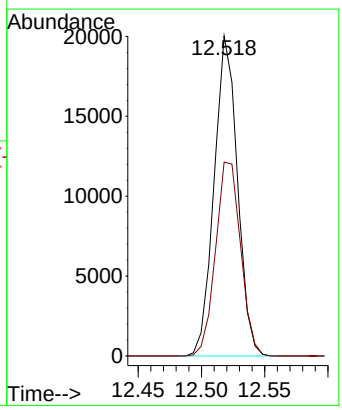
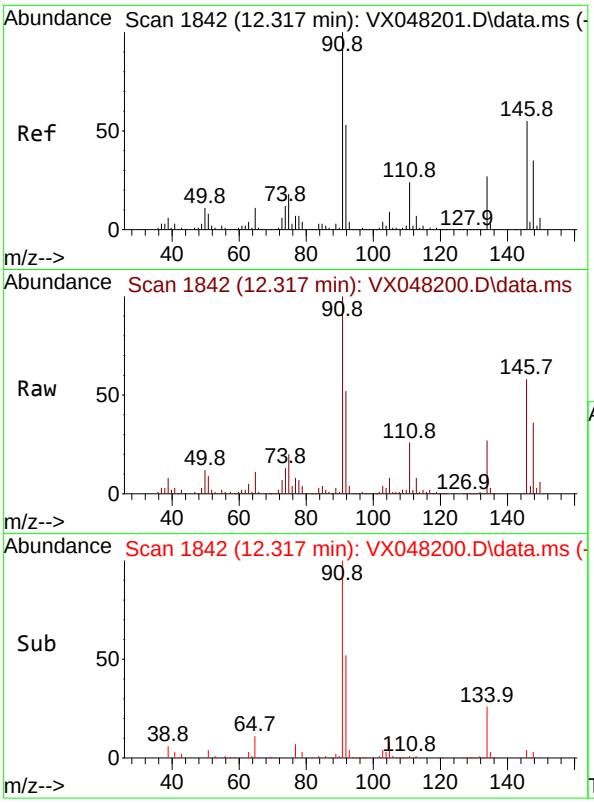


#90
Hexachloroethane
Concen: 17.745 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:117 Resp: 25630

Ion	Ratio	Lower	Upper
117	100		
201	65.3	34.1	102.2

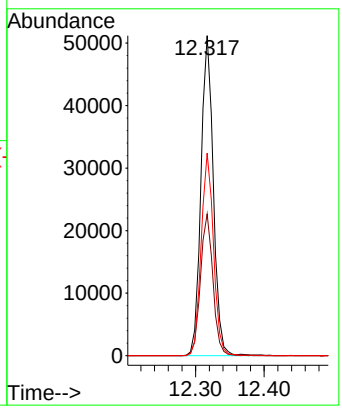




#91
1,2-Dichlorobenzene
Concen: 18.175 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:146 Resp: 6435

Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.9	65.5
148	63.1	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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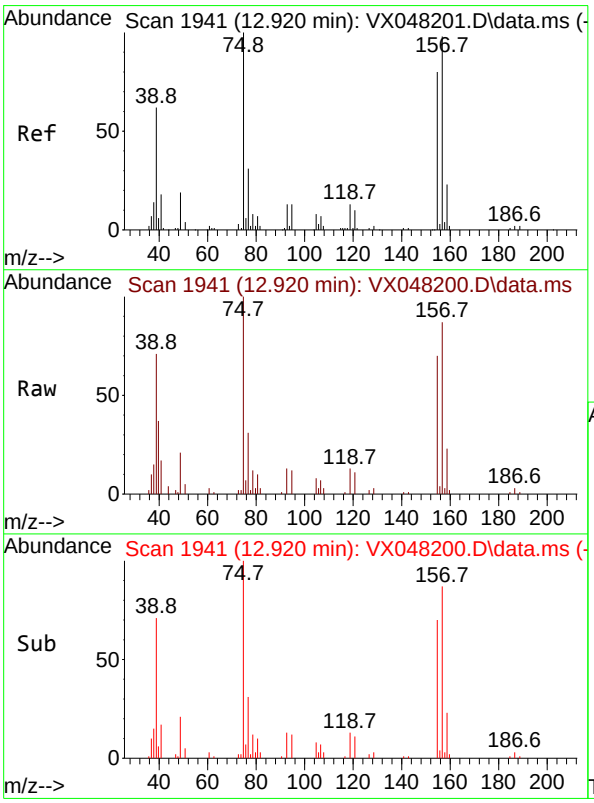
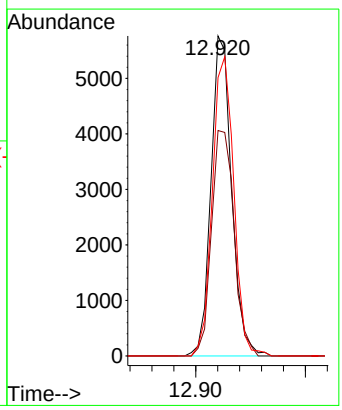
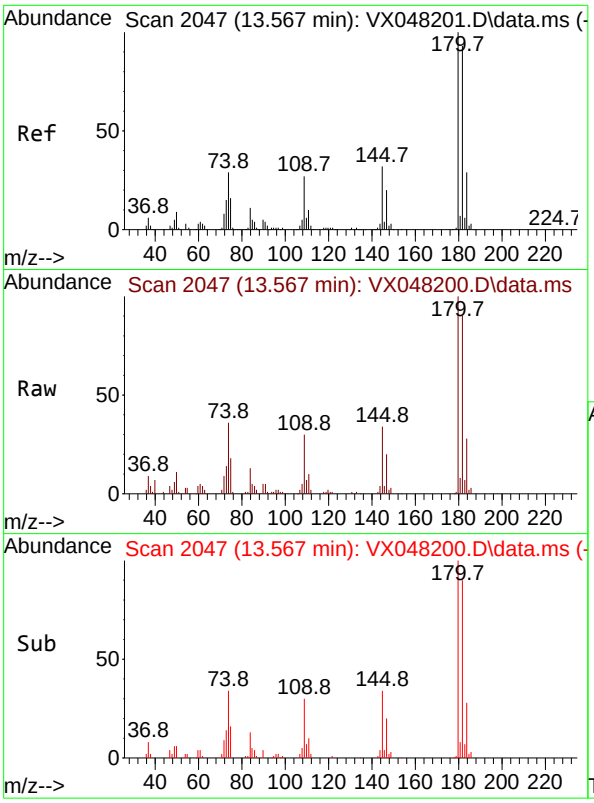


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.167 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion: 75 Resp: 7531

Ion	Ratio	Lower	Upper
75	100		
155	77.2	42.8	128.4
157	97.2	54.2	162.6

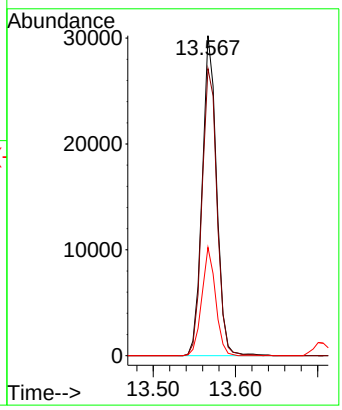




#93
1,2,4-Trichlorobenzene
Concen: 17.613 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:180 Resp: 3681

Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.3	142.0
145	32.3	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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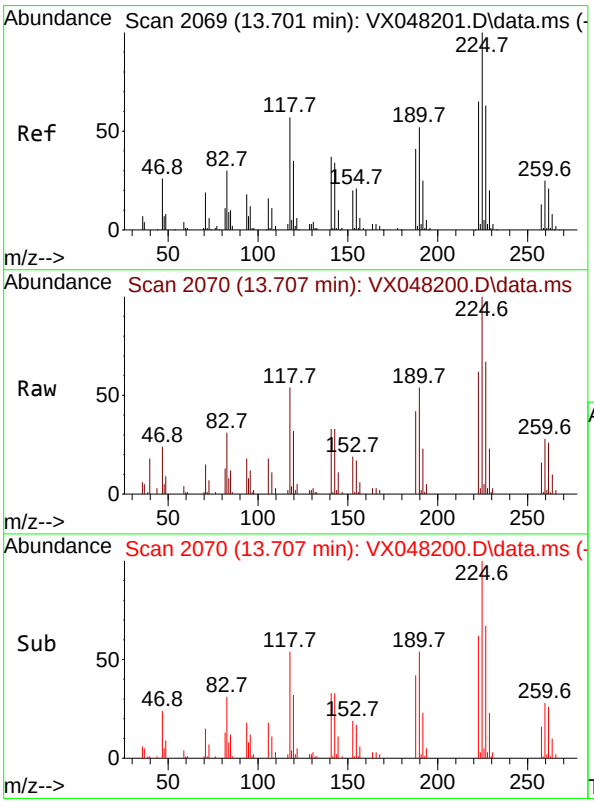
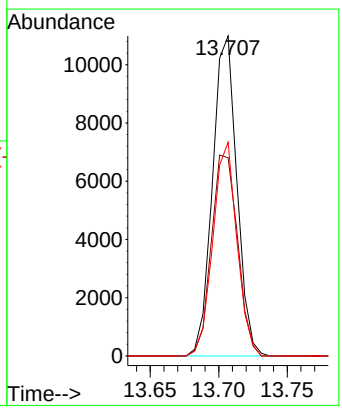
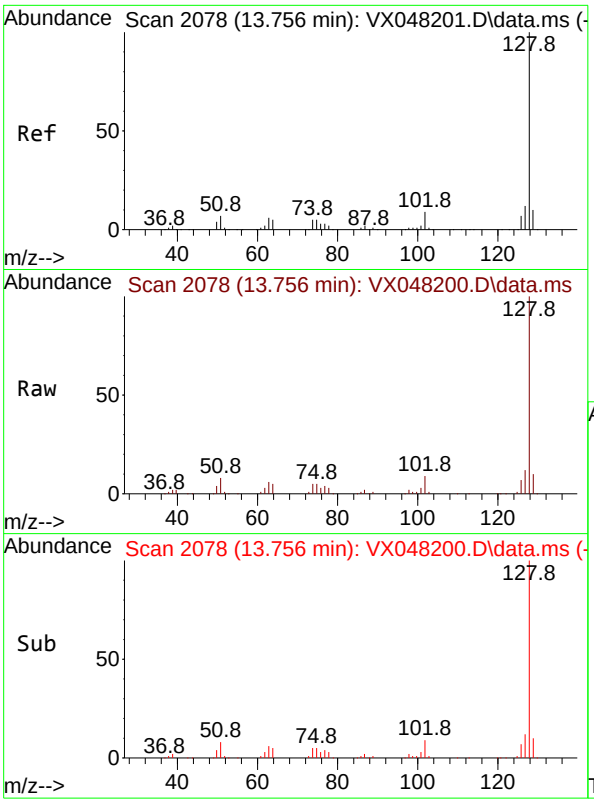


#94
Hexachlorobutadiene
Concen: 16.807 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:225 Resp: 13549

Ion	Ratio	Lower	Upper
225	100		
223	67.9	32.6	97.7
227	65.7	32.5	97.4

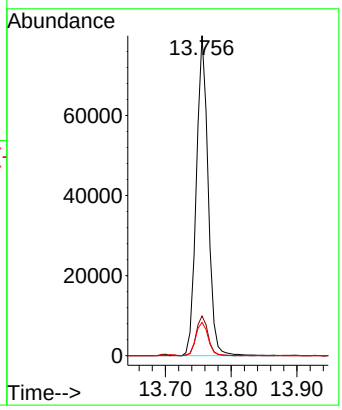




#95
Naphthalene
Concen: 18.045 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:128 Resp: 9942

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	11.0	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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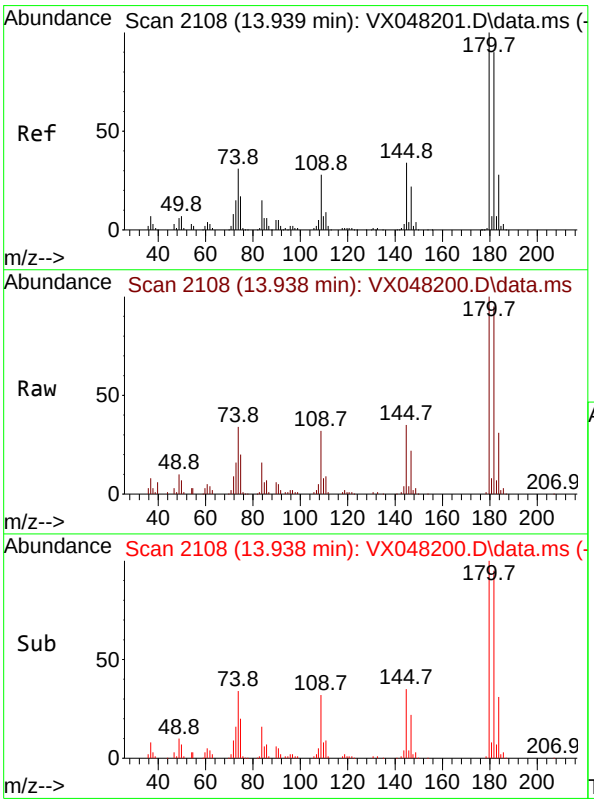
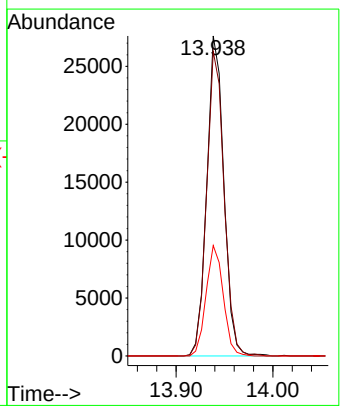


#96
1,2,3-Trichlorobenzene
Concen: 17.580 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048200.D
Acq: 17 Oct 2025 09:35

Tgt Ion:180 Resp: 33905

Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.6	139.7
145	34.8	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048201.D
Acq On : 17 Oct 2025 09:55
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Quant Time: Oct 17 23:53:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	144905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	233738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	106047	47.240	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.480%			
35) Dibromofluoromethane	5.373	113	79879	49.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	8.635	98	294942	50.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.940%			
62) 4-Bromofluorobenzene	11.061	95	105186	49.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	74849	49.215	ug/l	100
3) Chloromethane	1.301	50	87915	47.716	ug/l	100
4) Vinyl Chloride	1.380	62	97480	50.210	ug/l	100
5) Bromomethane	1.618	94	62910	49.497	ug/l	100
6) Chloroethane	1.697	64	58491	47.342	ug/l	100
7) Trichlorofluoromethane	1.898	101	149320	49.000	ug/l	100
8) Diethyl Ether	2.136	74	50491	48.574	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	84158	49.008	ug/l	100
10) Methyl Iodide	2.459	142	107865	52.442	ug/l	100
11) Tert butyl alcohol	2.941	59	35192	236.264	ug/l	100
12) 1,1-Dichloroethene	2.325	96	82401	49.074	ug/l	100
13) Acrolein	2.233	56	72337	231.080	ug/l	100
14) Allyl chloride	2.666	41	147166	48.724	ug/l	100
15) Acrylonitrile	3.056	53	185879	260.427	ug/l	100
16) Acetone	2.374	43	181892	237.521	ug/l	100
17) Carbon Disulfide	2.514	76	252931	48.958	ug/l	100
18) Methyl Acetate	2.697	43	78566	50.371	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	257848	50.980	ug/l	100
20) Methylene Chloride	2.788	84	92216	49.431	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	88909	51.182	ug/l	100
22) Diisopropyl ether	3.751	45	298658	50.498	ug/l	100
23) Vinyl Acetate	3.715	43	1154967	261.168	ug/l	100
24) 1,1-Dichloroethane	3.605	63	163290	48.666	ug/l	100
25) 2-Butanone	4.538	43	227696	255.213	ug/l	100
26) 2,2-Dichloropropane	4.465	77	137645	47.994	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	102610	49.771	ug/l	100
28) Bromochloromethane	4.885	49	81597	52.757	ug/l	100
29) Tetrahydrofuran	4.989	42	134302	256.331	ug/l	100
30) Chloroform	5.080	83	168931	47.821	ug/l	100
31) Cyclohexane	5.458	56	134044	48.824	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	140456	48.391	ug/l	100
36) 1,1-Dichloropropene	5.684	75	117638	51.478	ug/l	100
37) Ethyl Acetate	4.696	43	94549	51.771	ug/l	100
38) Carbon Tetrachloride	5.666	117	134481	51.270	ug/l	100
39) Methylcyclohexane	7.367	83	134638	52.254	ug/l	100
40) Benzene	6.025	78	349840	51.556	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048201.D
Acq On : 17 Oct 2025 09:55
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 17 23:53:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.904	41	53392	54.588 ug/l		100
42) 1,2-Dichloroethane	6.068	62	127674	52.516 ug/l		100
43) Isopropyl Acetate	6.324	43	162898	53.135 ug/l		100
44) Trichloroethene	7.111	130	85828	50.188 ug/l		100
45) 1,2-Dichloropropane	7.415	63	88167	51.339 ug/l		100
46) Dibromomethane	7.568	93	62671	50.719 ug/l		100
47) Bromodichloromethane	7.806	83	136069	50.951 ug/l		100
48) Methyl methacrylate	7.678	41	83574	53.254 ug/l		100
49) 1,4-Dioxane	7.641	88	14628	1035.490 ug/l		100
51) 4-Methyl-2-Pentanone	8.555	43	461163	270.327 ug/l		100
52) Toluene	8.702	92	216685	53.129 ug/l		100
53) t-1,3-Dichloropropene	8.964	75	132711	53.044 ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	144189	52.875 ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	78292	51.449 ug/l		100
56) Ethyl methacrylate	9.098	69	115491	55.800 ug/l		100
57) 1,3-Dichloropropane	9.293	76	137565	51.742 ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	301874	237.498 ug/l		100
59) 2-Hexanone	9.415	43	323629	271.214 ug/l		100
60) Dibromochloromethane	9.506	129	99180	52.070 ug/l		100
61) 1,2-Dibromoethane	9.592	107	80814	51.792 ug/l		100
64) Tetrachloroethene	9.256	164	73122	49.965 ug/l		100
65) Chlorobenzene	10.061	112	234754	51.440 ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	82328	50.061 ug/l		100
67) Ethyl Benzene	10.177	91	413167	52.808 ug/l		100
68) m/p-Xylenes	10.287	106	309325	106.125 ug/l		100
69) o-Xylene	10.622	106	146328	53.330 ug/l		100
70) Styrene	10.640	104	257332	54.486 ug/l		100
71) Bromoform	10.781	173	62282	51.573 ug/l	#	100
73) Isopropylbenzene	10.945	105	383184	53.140 ug/l		100
74) N-amyl acetate	10.823	43	143916	53.500 ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	105230	51.513 ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	83086m	52.482 ug/l		
77) Bromobenzene	11.177	156	92708	51.377 ug/l		100
78) n-propylbenzene	11.287	91	461479	52.775 ug/l		100
79) 2-Chlorotoluene	11.348	91	269780	51.065 ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	314287	53.099 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	34185	52.874 ug/l		100
82) 4-Chlorotoluene	11.433	91	325295	52.395 ug/l		100
83) tert-Butylbenzene	11.695	119	307163	51.367 ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	316687	53.732 ug/l		100
85) sec-Butylbenzene	11.872	105	375832	51.411 ug/l		100
86) p-Isopropyltoluene	11.988	119	326853	53.044 ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	174303	51.652 ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	178082	50.909 ug/l		100
89) n-Butylbenzene	12.311	91	302597	52.723 ug/l		100
90) Hexachloroethane	12.518	117	64788	49.815 ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	166224	52.135 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17468	46.797 ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	97102	51.590 ug/l		100
94) Hexachlorobutadiene	13.701	225	35845	49.380 ug/l		100
95) Naphthalene	13.756	128	273763	55.178 ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	94728	54.549 ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048201.D
Acq On : 17 Oct 2025 09:55
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Quant Time: Oct 17 23:53:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

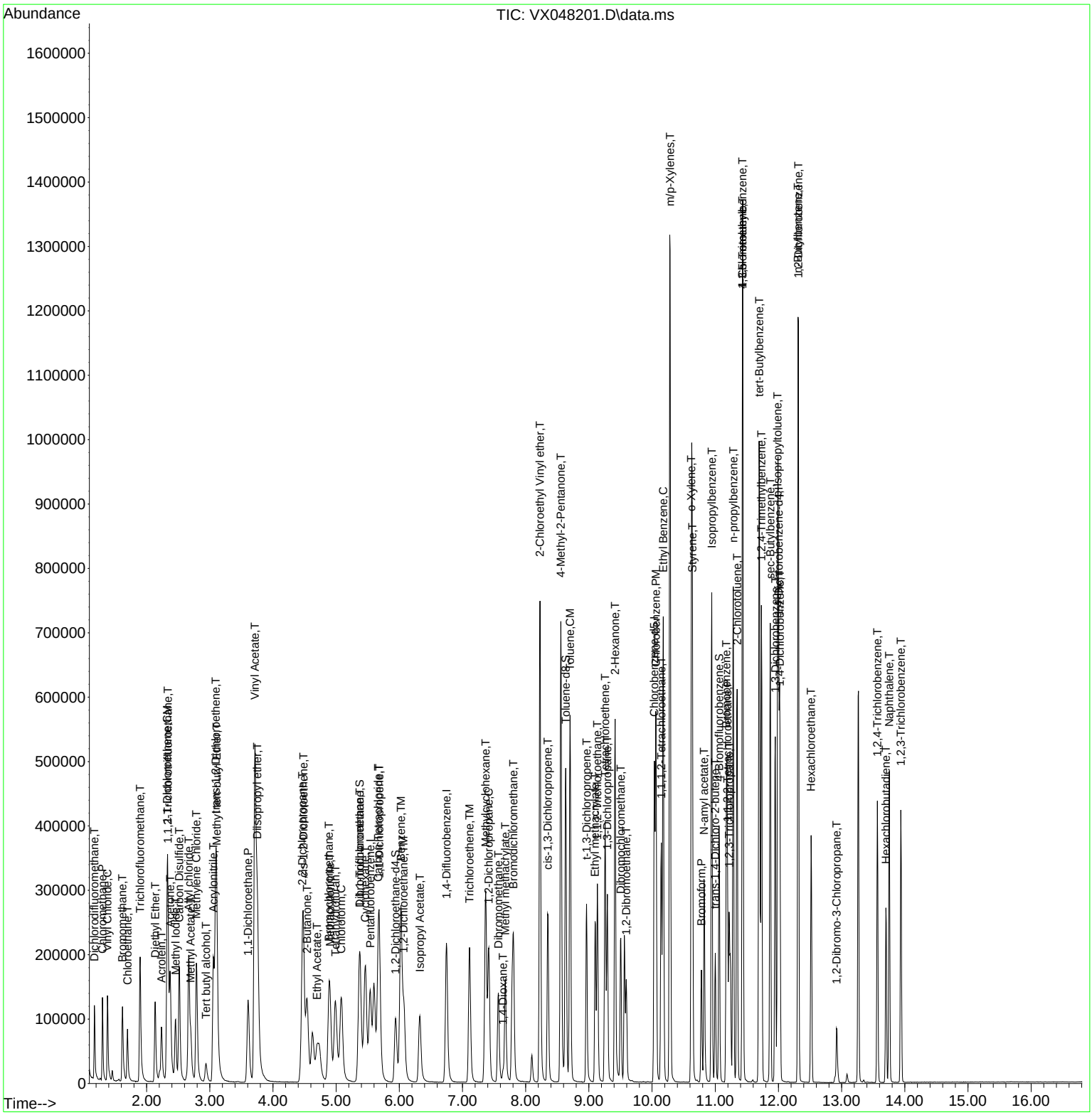
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048201.D
Acq On : 17 Oct 2025 09:55
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

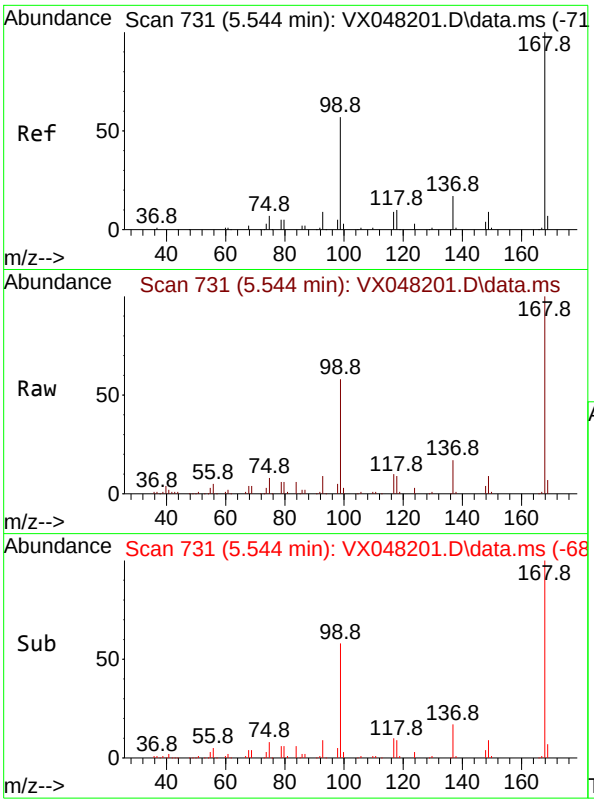
Quant Time: Oct 17 23:53:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

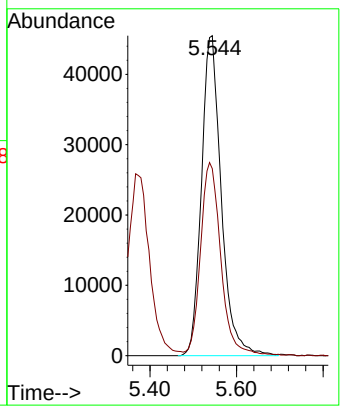




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:168 Resp: 14490

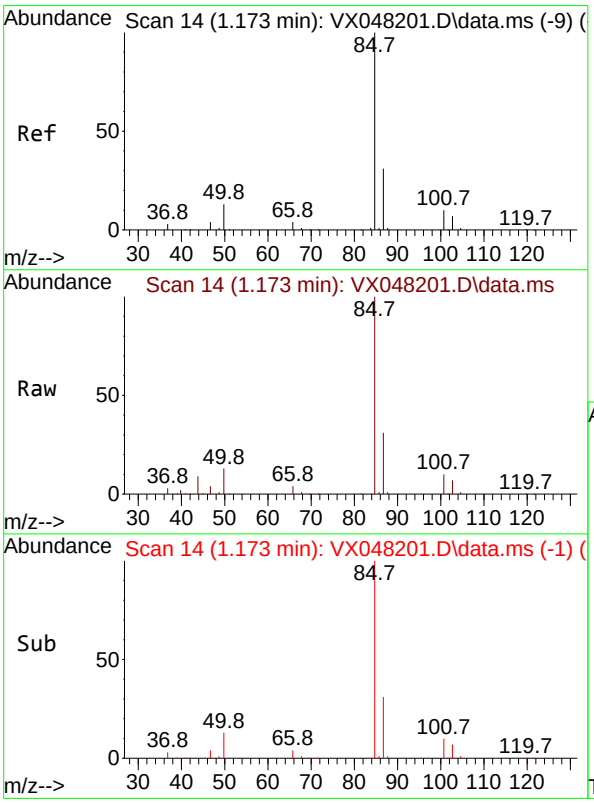
Ion	Ratio	Lower	Upper
168	100		
99	58.0	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

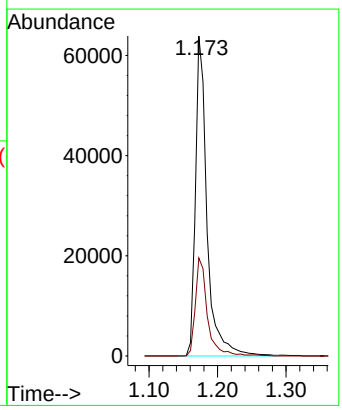
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

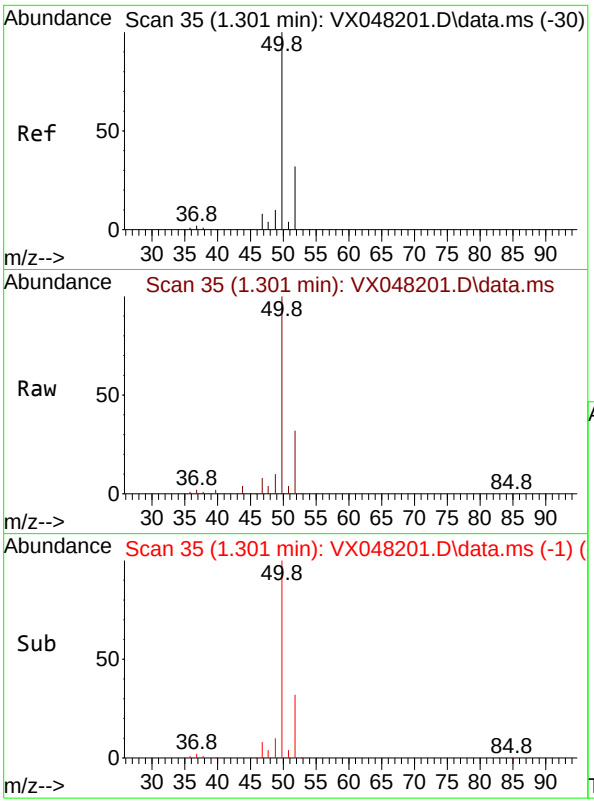


#2
Dichlorodifluoromethane
Concen: 49.215 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 85 Resp: 74849

Ion	Ratio	Lower	Upper
85	100		
87	30.6	15.3	45.9

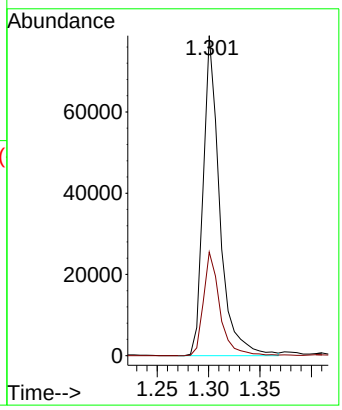




#3
Chloromethane
Concen: 47.716 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 50 Resp: 8791

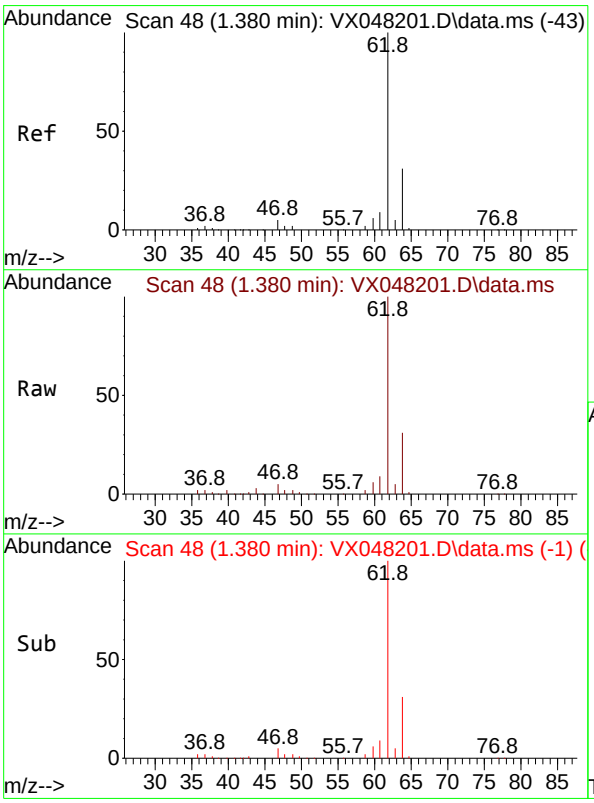
Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

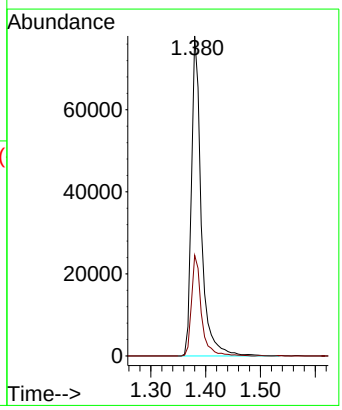
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

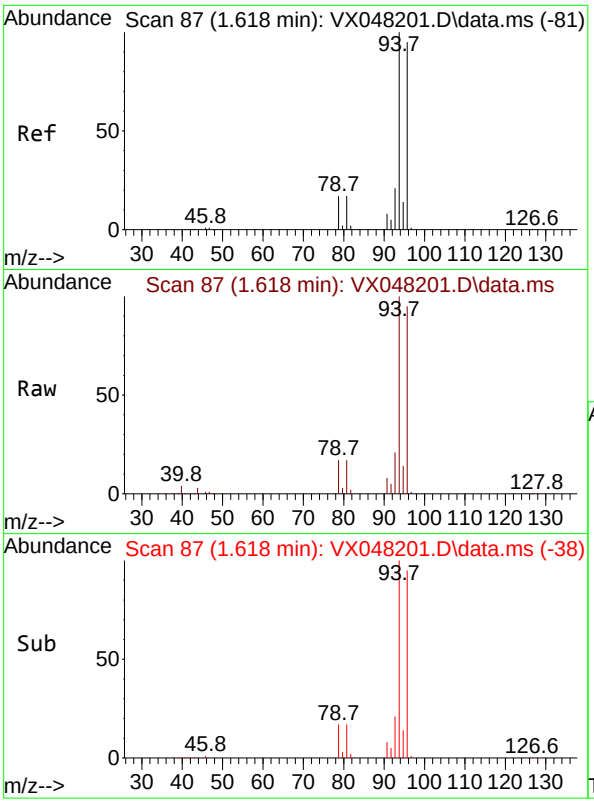


#4
Vinyl Chloride
Concen: 50.210 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 62 Resp: 97480

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.1	37.7

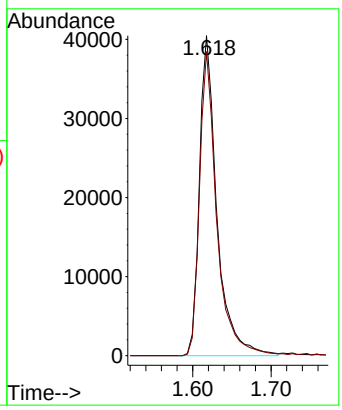




#5
Bromomethane
Concen: 49.497 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 94 Resp: 6291

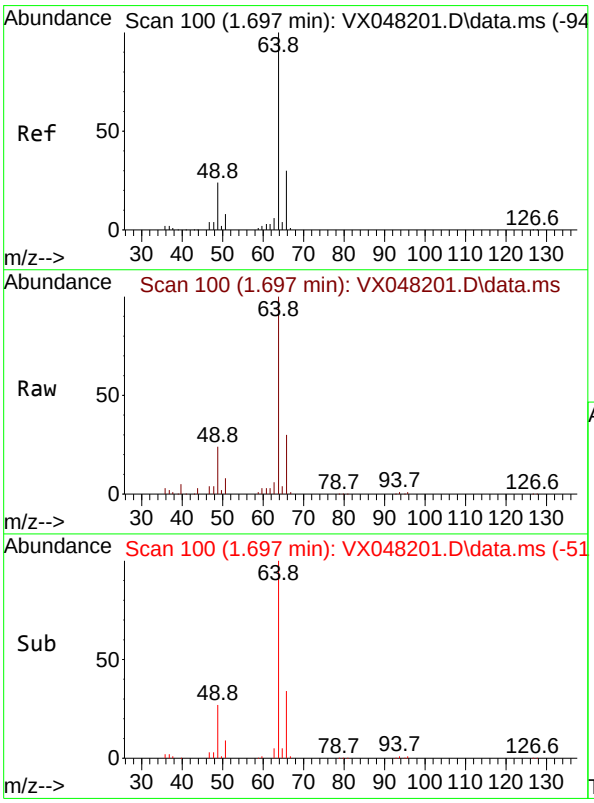
Ion	Ratio	Lower	Upper
94	100		
96	95.0	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

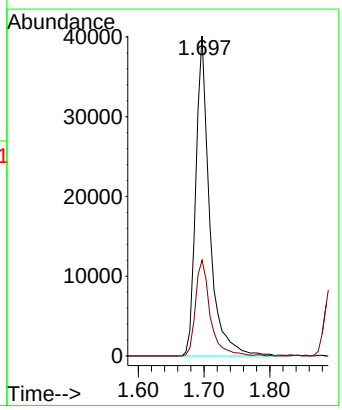
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

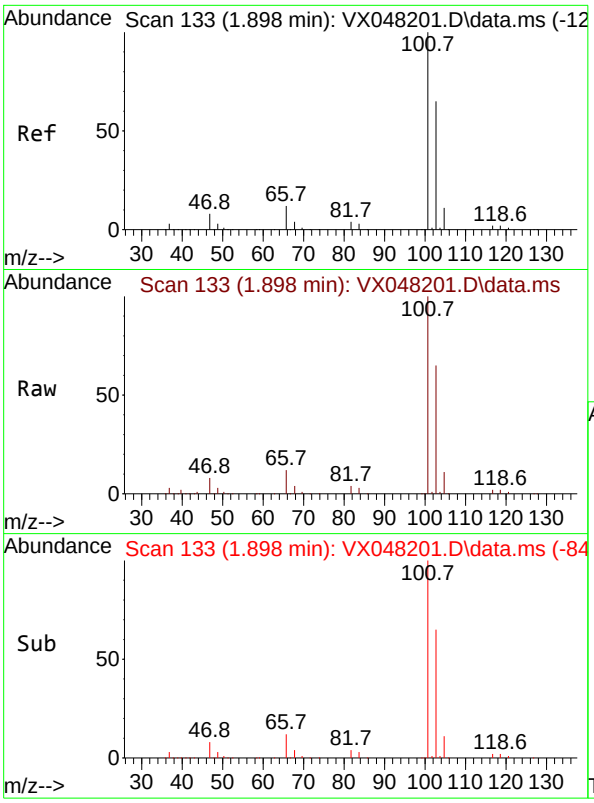


#6
Chloroethane
Concen: 47.342 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 64 Resp: 58491

Ion	Ratio	Lower	Upper
64	100		
66	29.9	23.9	35.9

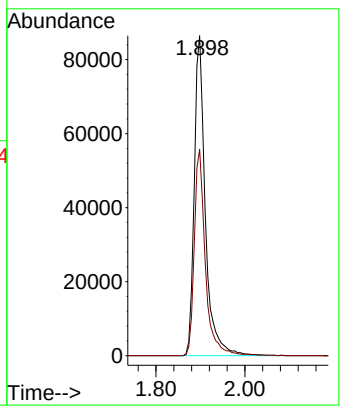




#7
Trichlorofluoromethane
Concen: 49.000 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:101 Resp: 14932

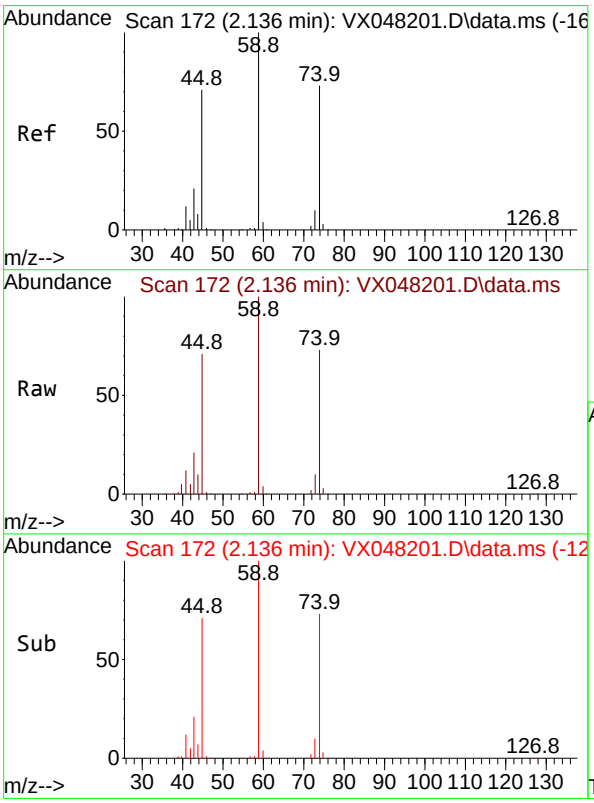
Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.6	77.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

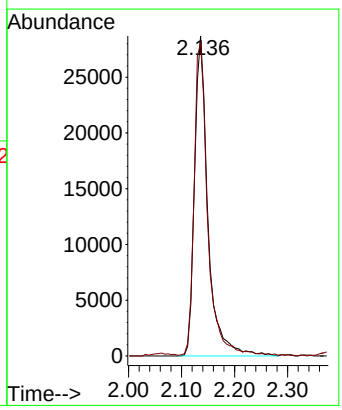
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

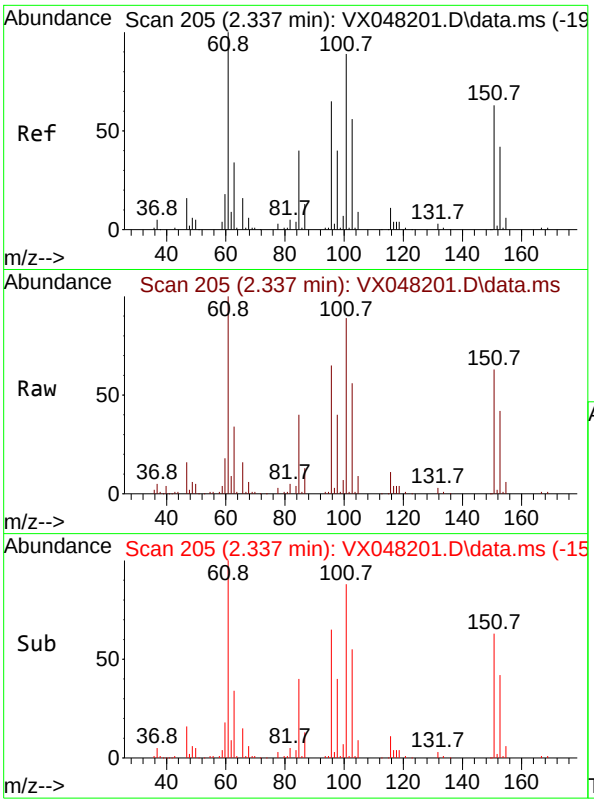


#8
Diethyl Ether
Concen: 48.574 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 74 Resp: 50491

Ion	Ratio	Lower	Upper
74	100		
45	99.9	50.0	149.8

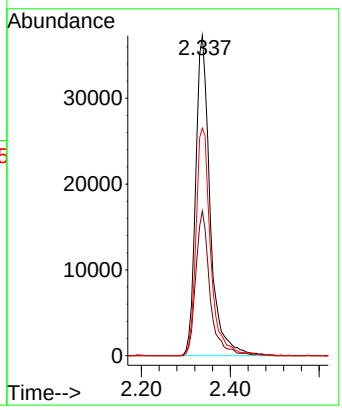




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.008 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:101 Resp: 8415

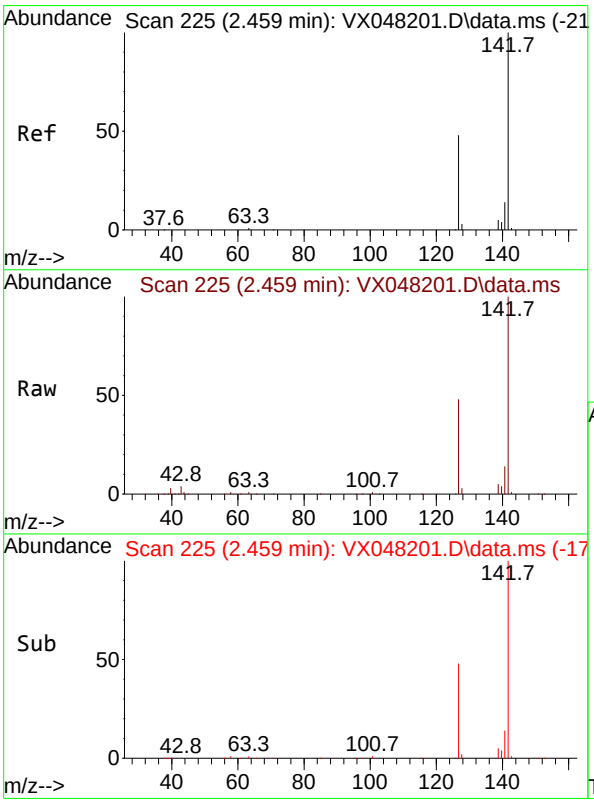
Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.6	53.4
151	72.5	58.0	87.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

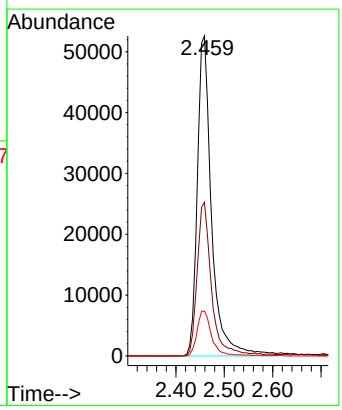
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

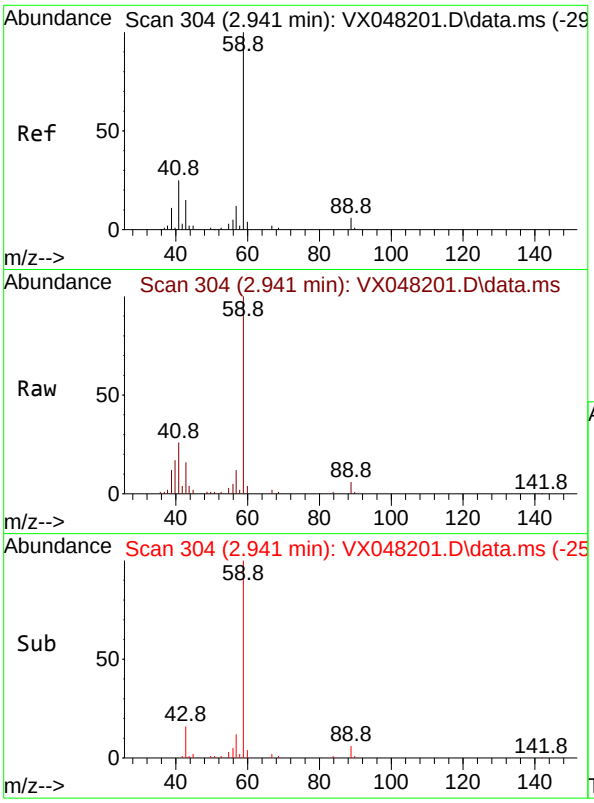


#10
Methyl Iodide
Concen: 52.442 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:142 Resp: 107865

Ion	Ratio	Lower	Upper
142	100		
127	48.1	38.5	57.7
141	14.5	11.6	17.4

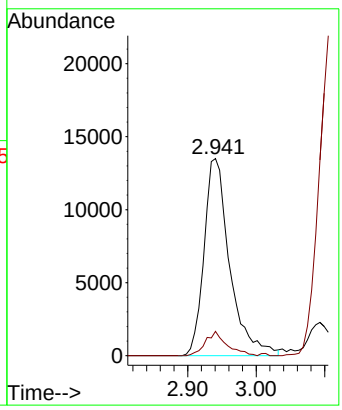




#11
Tert butyl alcohol
Concen: 236.264 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 59 Resp: 3519

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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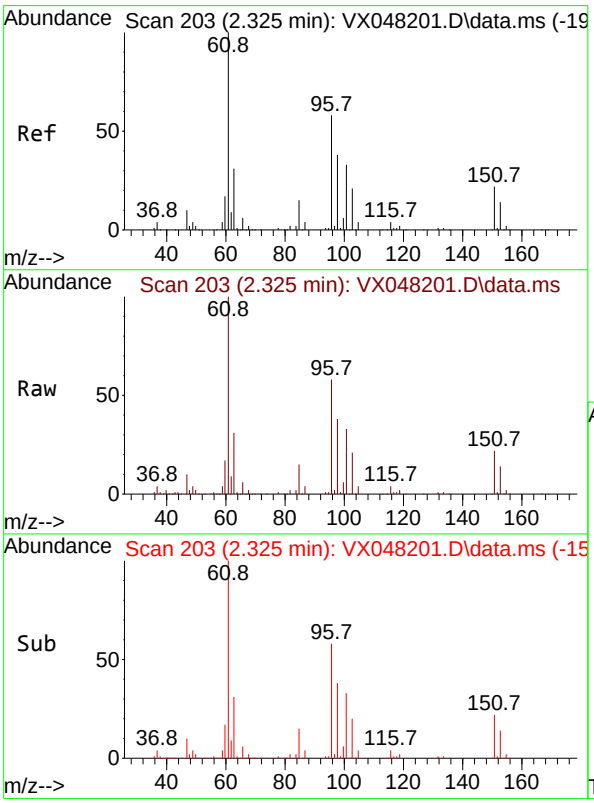
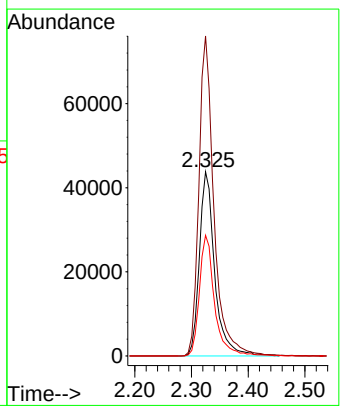
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

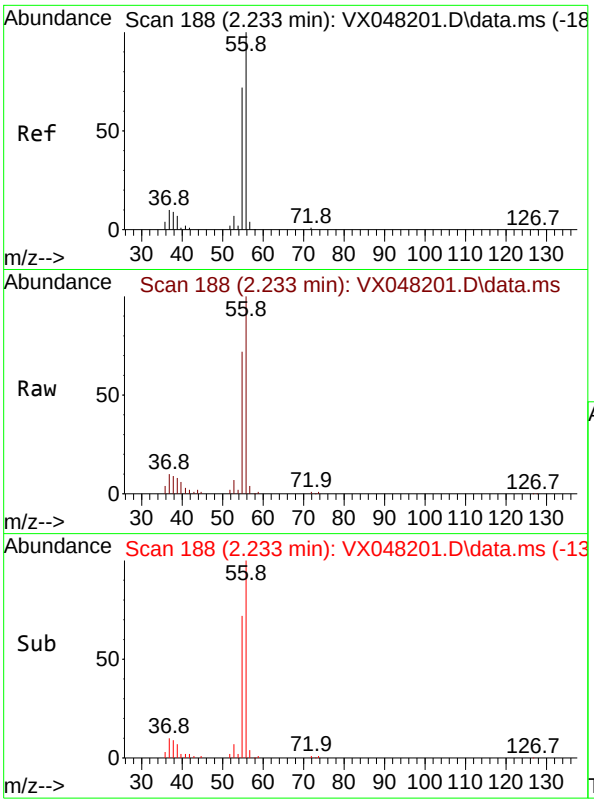


#12
1,1-Dichloroethene
Concen: 49.074 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 96 Resp: 82401

Ion	Ratio	Lower	Upper
96	100		
61	173.8	139.0	208.6
98	65.5	52.4	78.6

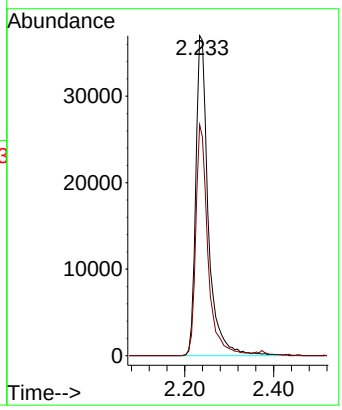




#13
Acrolein
Concen: 231.080 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 56 Resp: 7233

Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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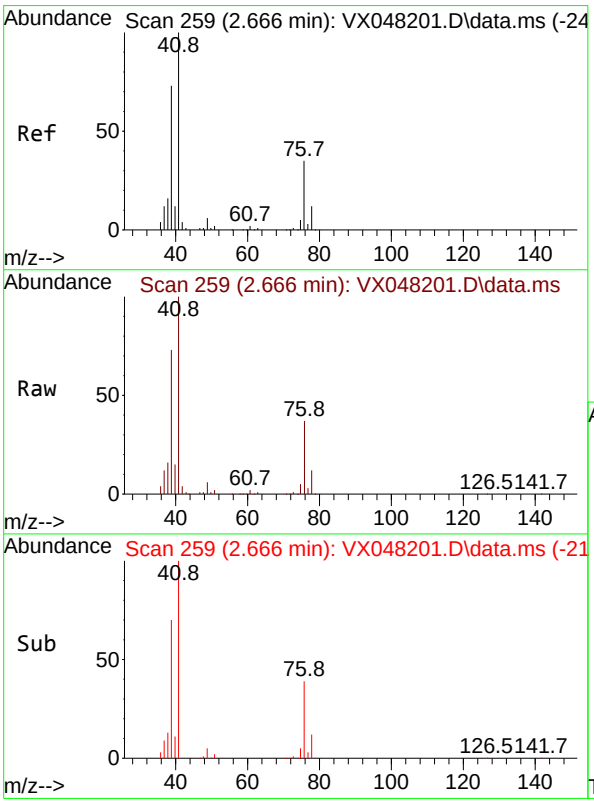
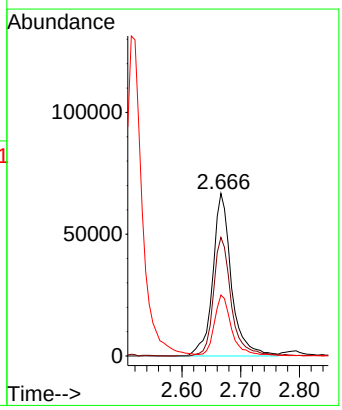
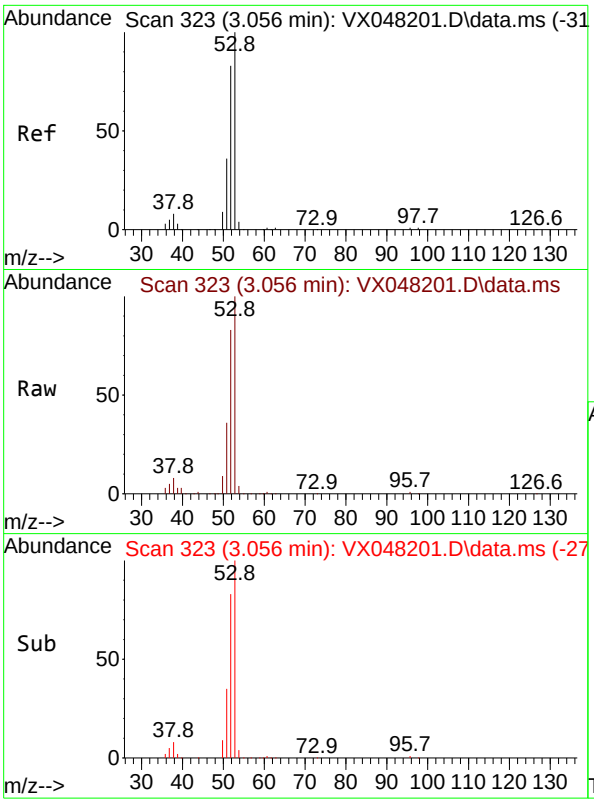


#14
Allyl chloride
Concen: 48.724 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 41 Resp: 147166

Ion	Ratio	Lower	Upper
41	100		
39	70.0	56.0	84.0
76	34.4	27.5	41.3

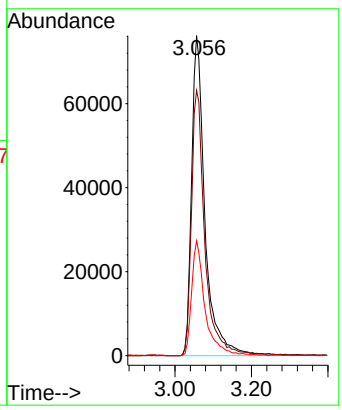




#15
Acrylonitrile
Concen: 260.427 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 53 Resp: 18587

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	36.2	29.0	43.4



Instrument :
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ClientSampleId :
VSTDICCC050

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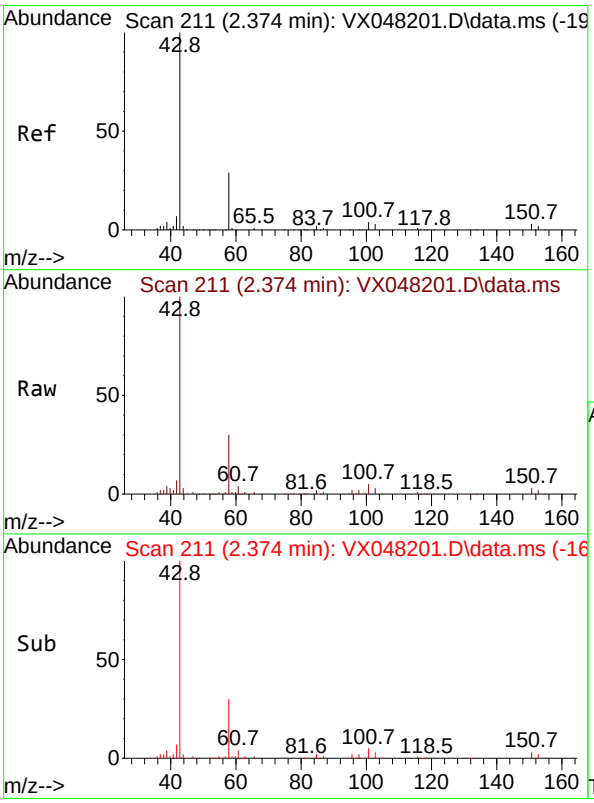
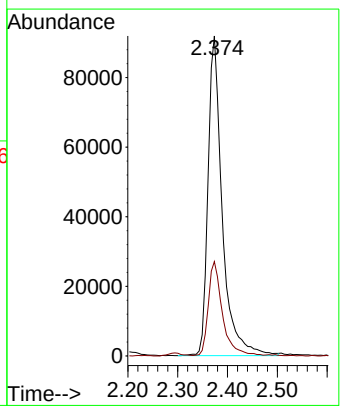
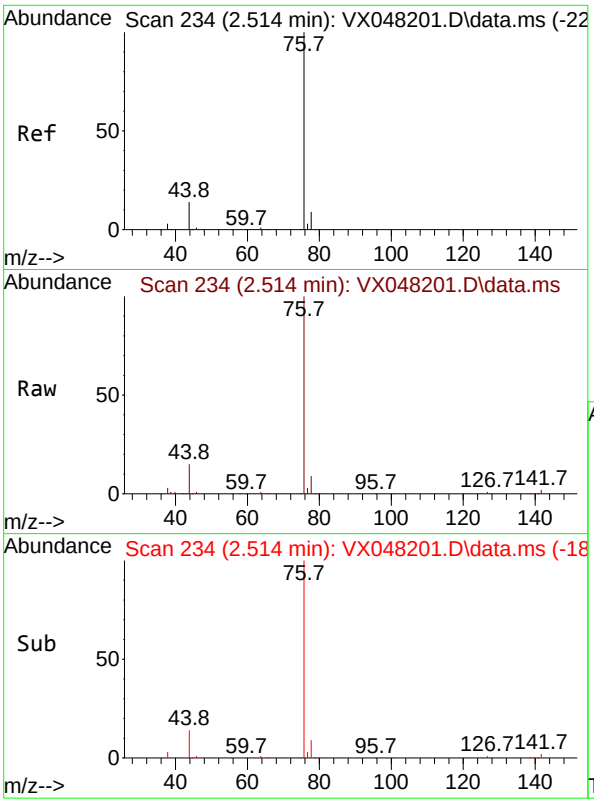


#16
Acetone
Concen: 237.521 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 181892

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.2

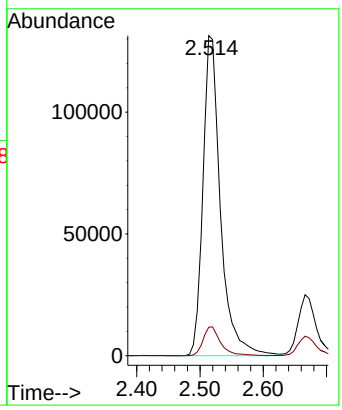




#17
Carbon Disulfide
Concen: 48.958 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 76 Resp: 25293

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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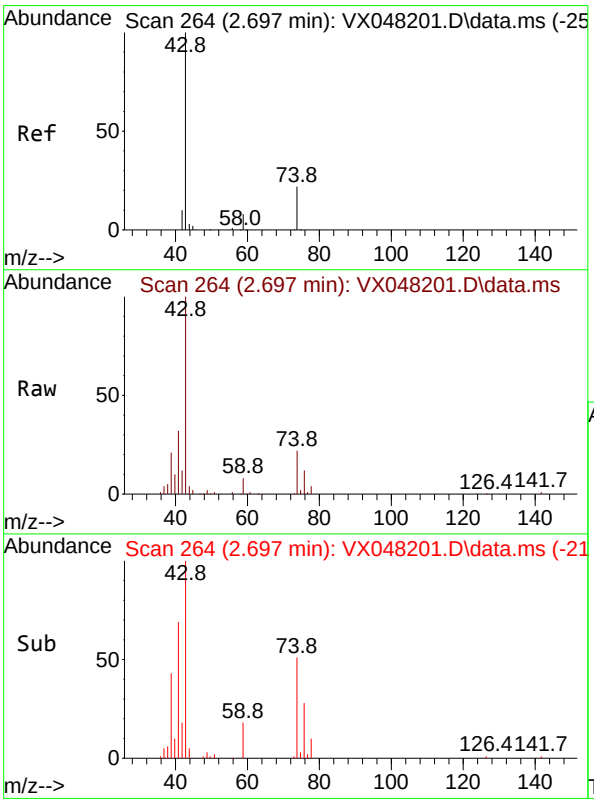
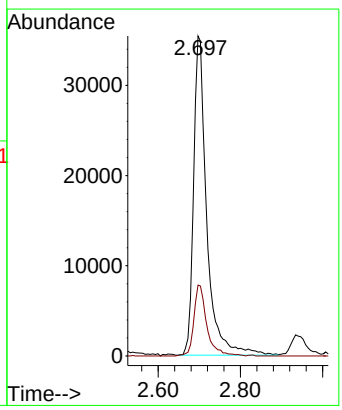
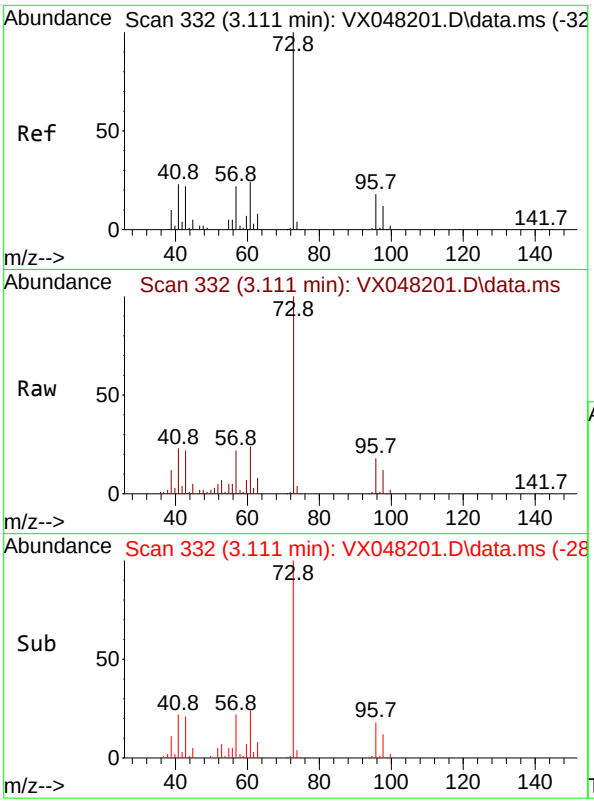


#18
Methyl Acetate
Concen: 50.371 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 78566

Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.5	26.3

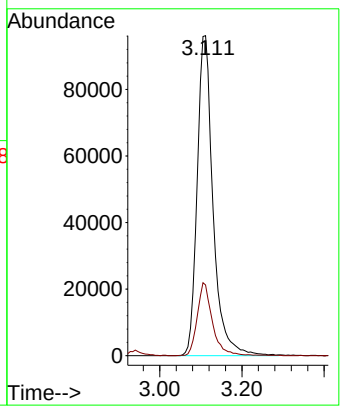




#19
Methyl tert-butyl Ether
Concen: 50.980 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 73 Resp: 25784

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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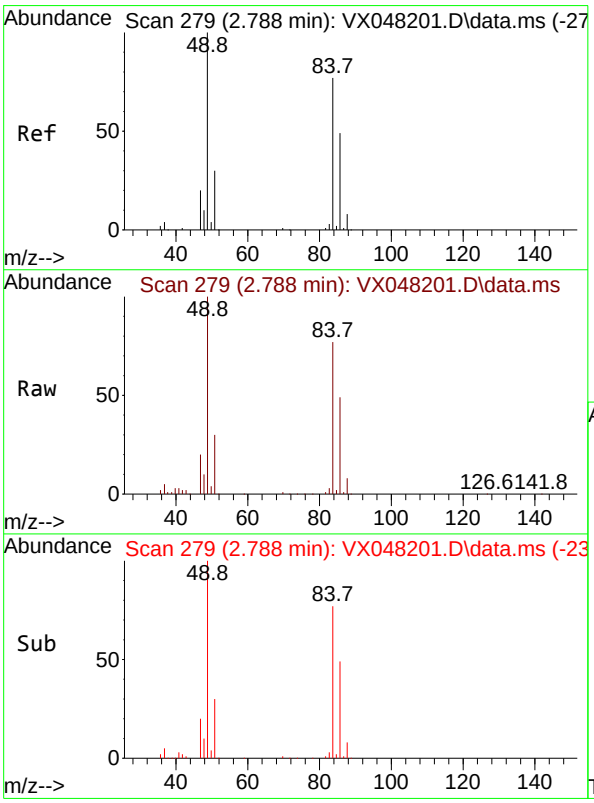
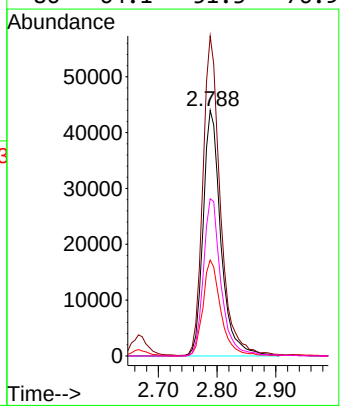
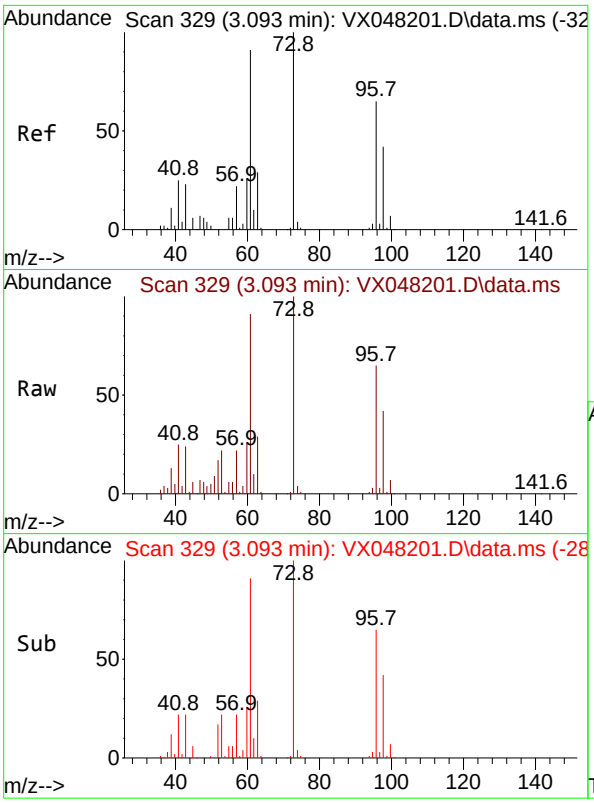


#20
Methylene Chloride
Concen: 49.431 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 84 Resp: 92216

Ion	Ratio	Lower	Upper
84	100		
49	130.1	104.1	156.1
51	39.1	31.3	46.9
86	64.1	51.3	76.9

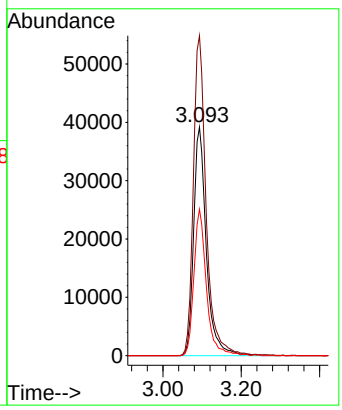




#21
trans-1,2-Dichloroethene
Concen: 51.182 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 96 Resp: 8890

Ion	Ratio	Lower	Upper
96	100		
61	139.9	111.9	167.9
98	64.0	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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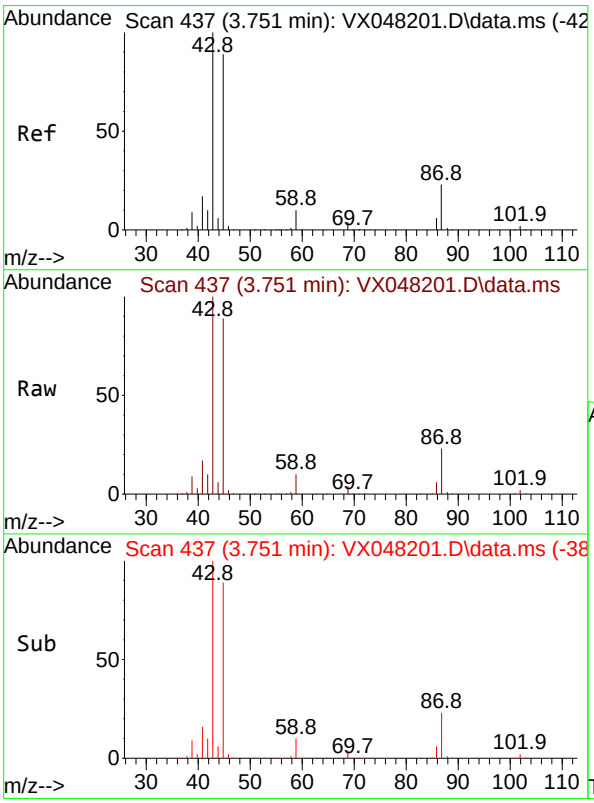
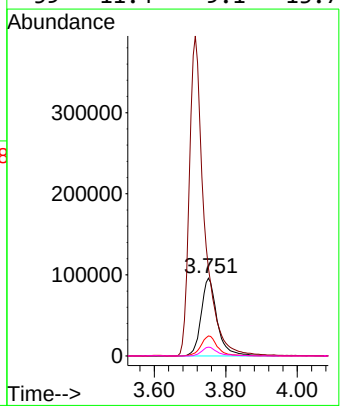
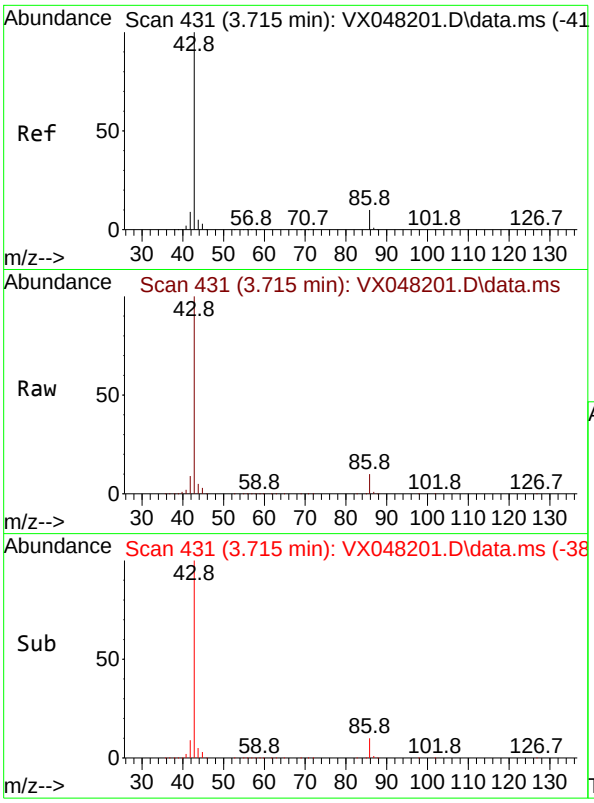


#22
Diisopropyl ether
Concen: 50.498 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 45 Resp: 298658

Ion	Ratio	Lower	Upper
45	100		
43	112.3	89.8	134.8
87	25.8	20.6	31.0
59	11.4	9.1	13.7





#23
Vinyl Acetate
Concen: 261.168 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 115496

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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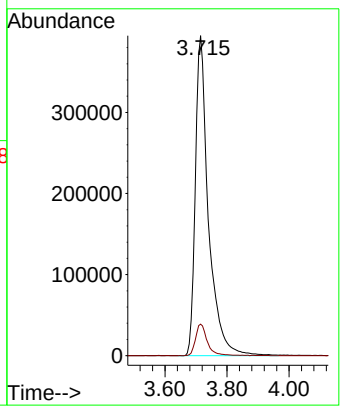
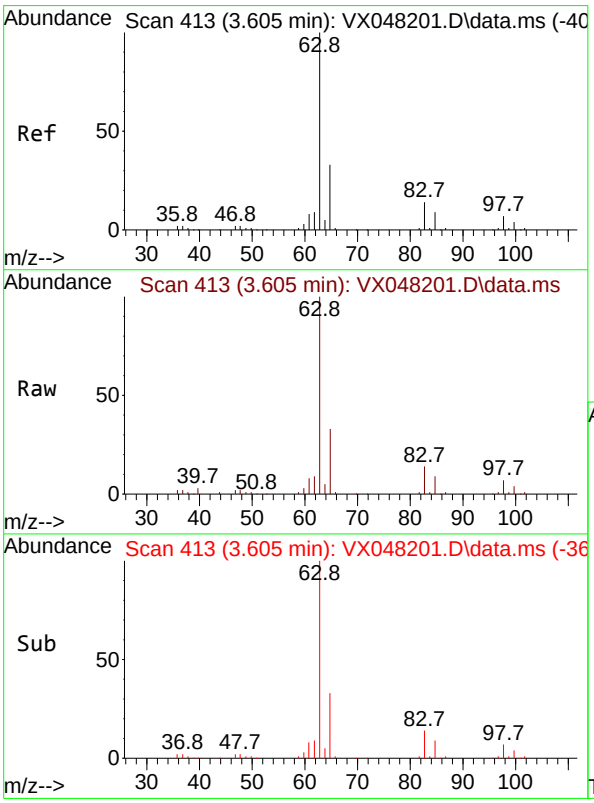
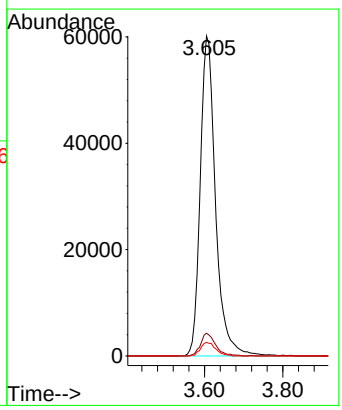


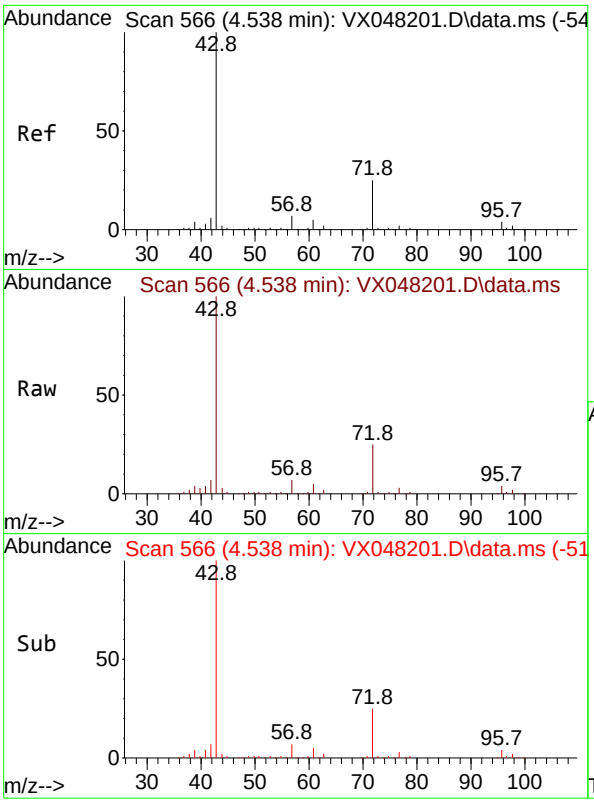


#24
1,1-Dichloroethane
Concen: 48.666 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 63 Resp: 163290

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.5	10.6
100	4.2	2.1	6.3

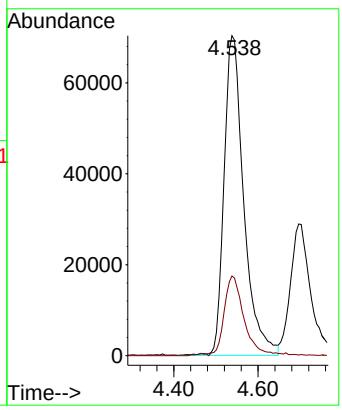




#25
2-Butanone
Concen: 255.213 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 22769

Ion	Ratio	Lower	Upper
43	100		
72	24.9	19.9	29.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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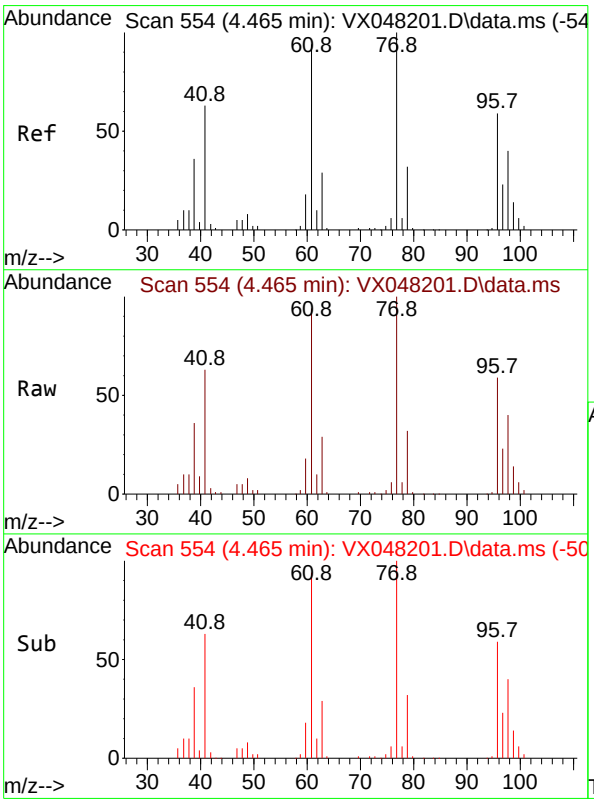
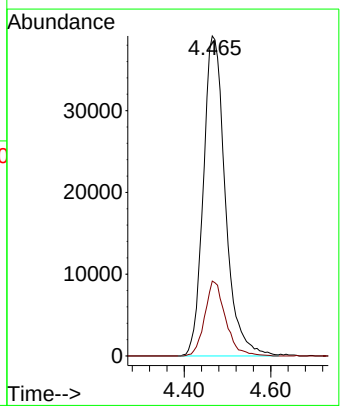
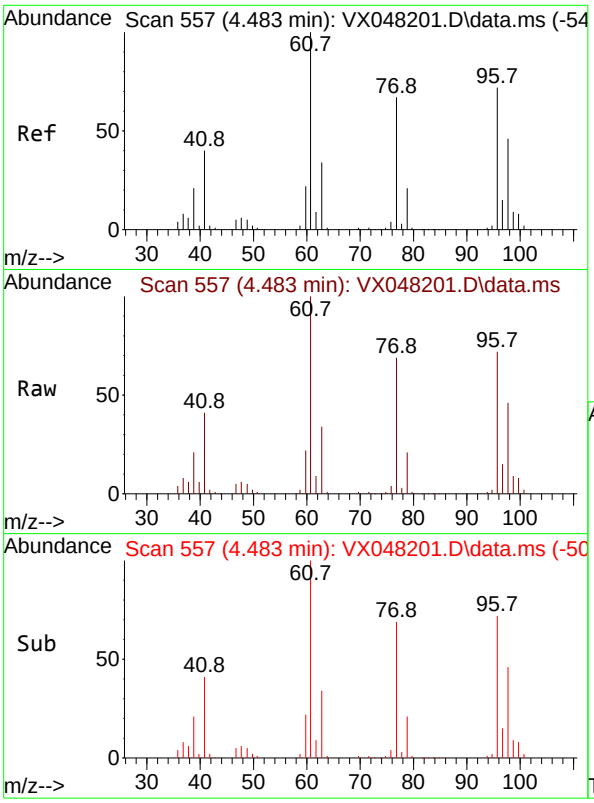


#26
2,2-Dichloropropane
Concen: 47.994 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 77 Resp: 137645

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.1	33.3

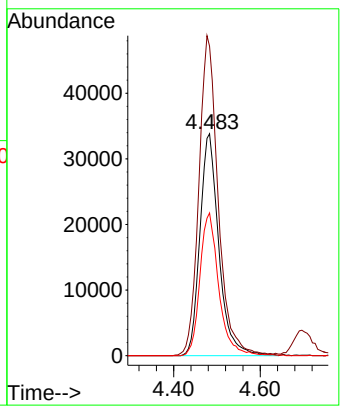




#27
cis-1,2-Dichloroethene
Concen: 49.771 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 96 Resp: 10261

Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	294.2
98	64.2	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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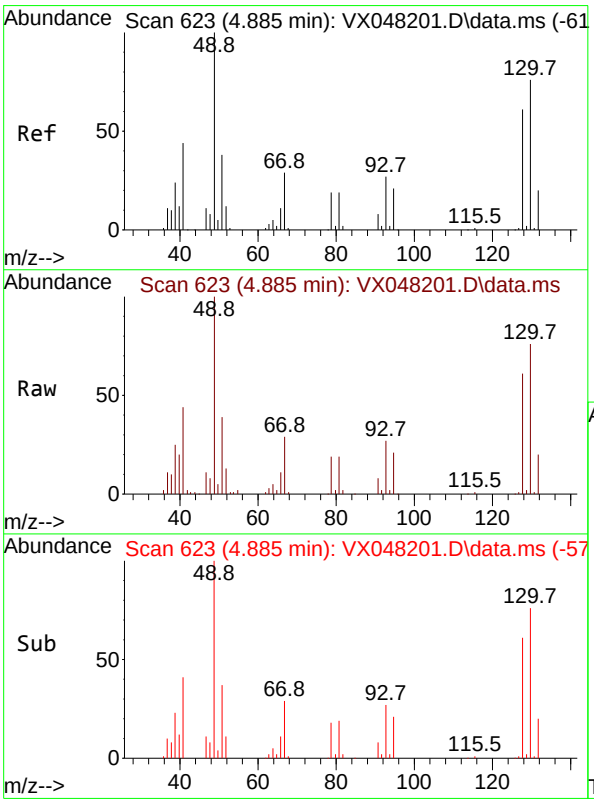
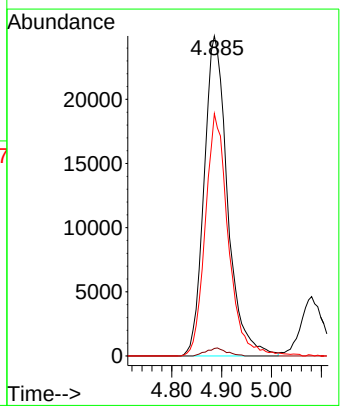
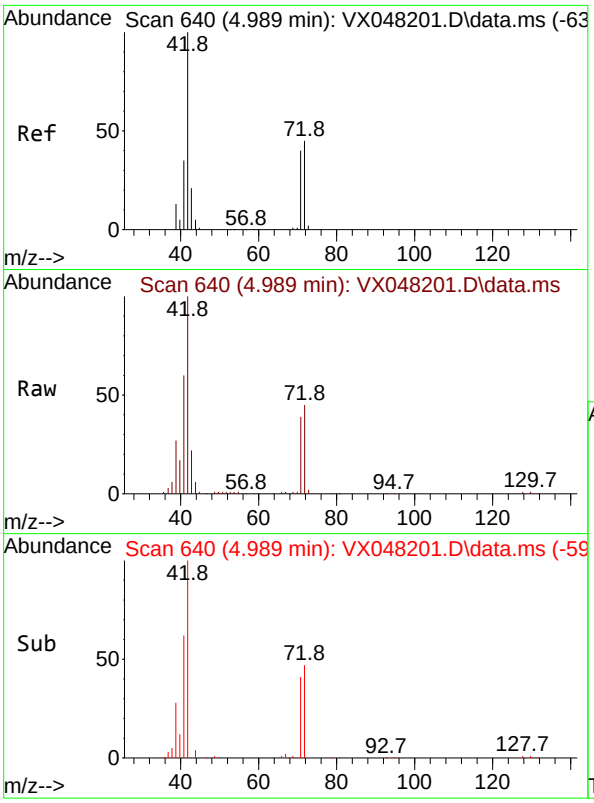


#28
Bromochloromethane
Concen: 52.757 ug/l
RT: 4.885 min Scan# 623
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 49 Resp: 81597

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	74.1	59.3	88.9





#29
Tetrahydrofuran
Concen: 256.331 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 42 Resp: 13430

Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.3	52.9
71	40.3	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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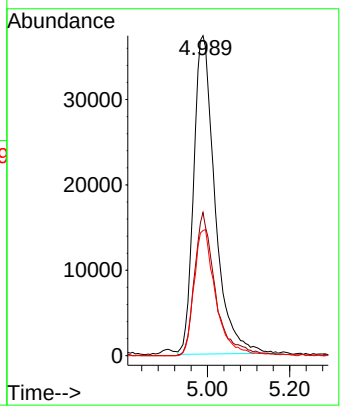
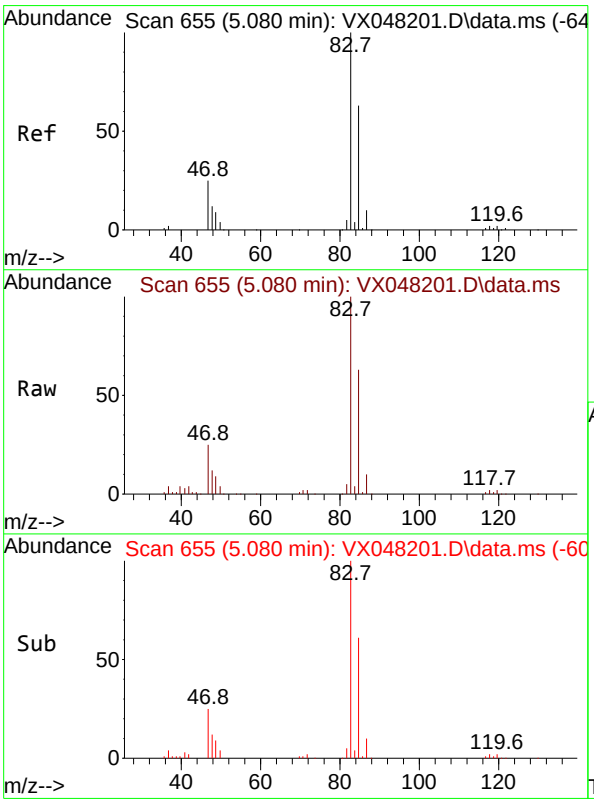
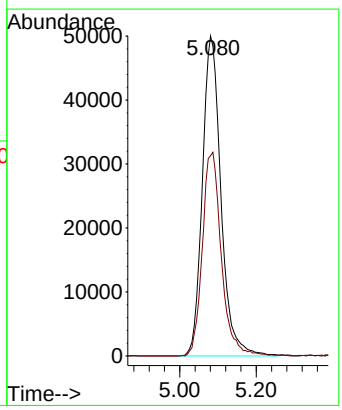


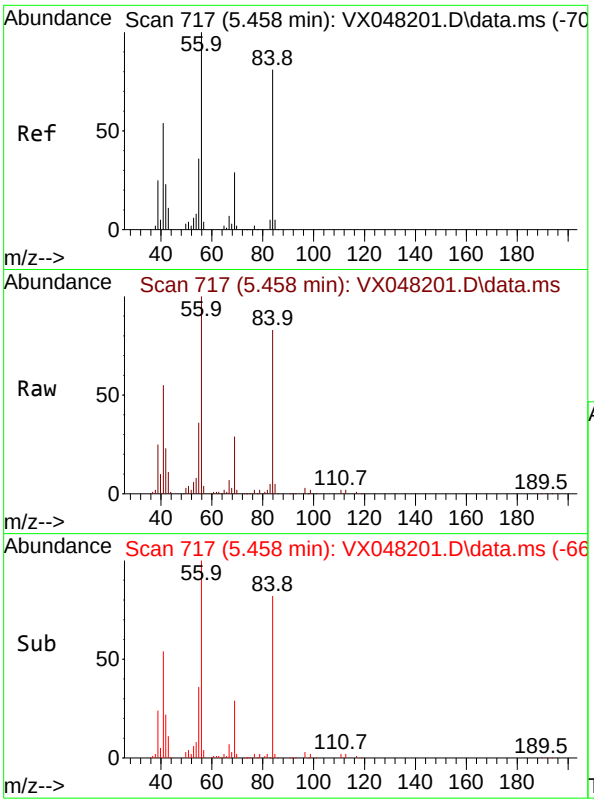


#30
Chloroform
Concen: 47.821 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 83 Resp: 168931

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.1	75.1

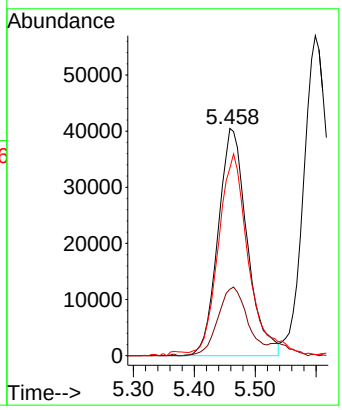




#31
Cyclohexane
Concen: 48.824 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 56 Resp: 13404

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.0	34.6
84	80.8	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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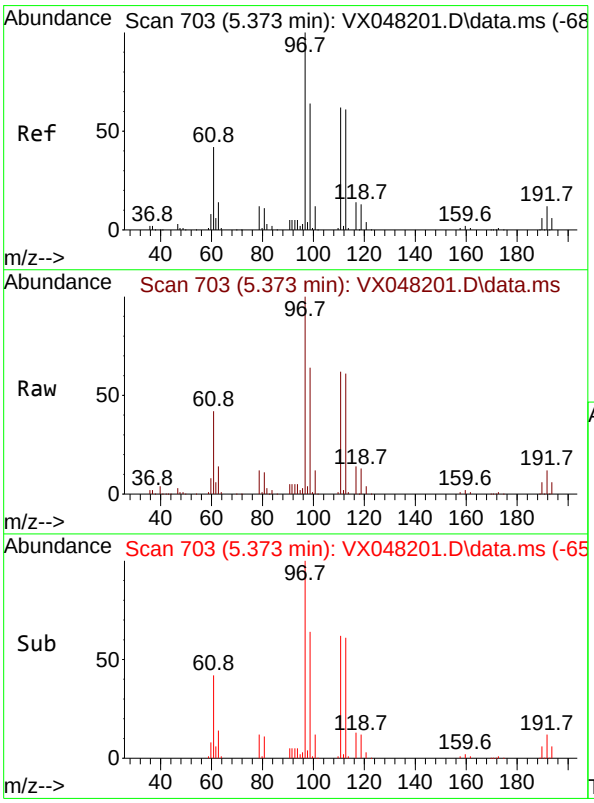
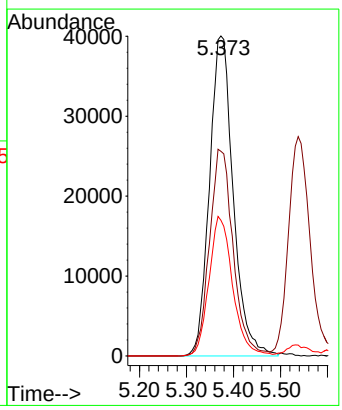
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

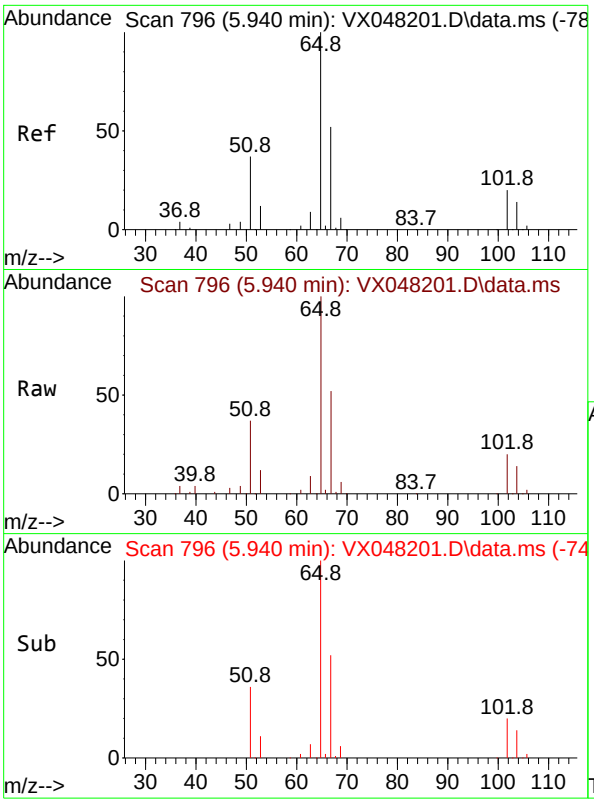


#32
1,1,1-Trichloroethane
Concen: 48.391 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 97 Resp: 140456

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	43.5	34.8	52.2

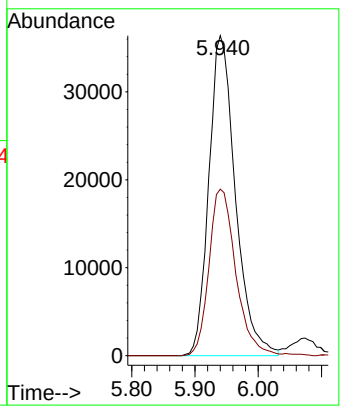




#33
1,2-Dichloroethane-d4
Concen: 47.240 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 65 Resp: 10604

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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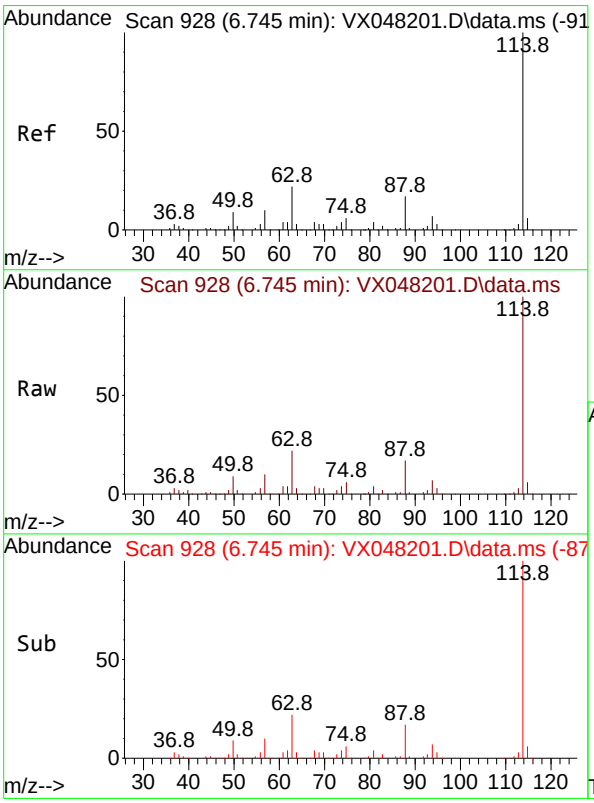
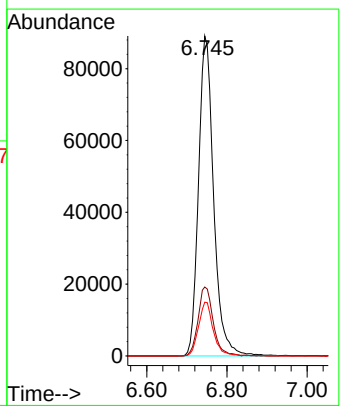
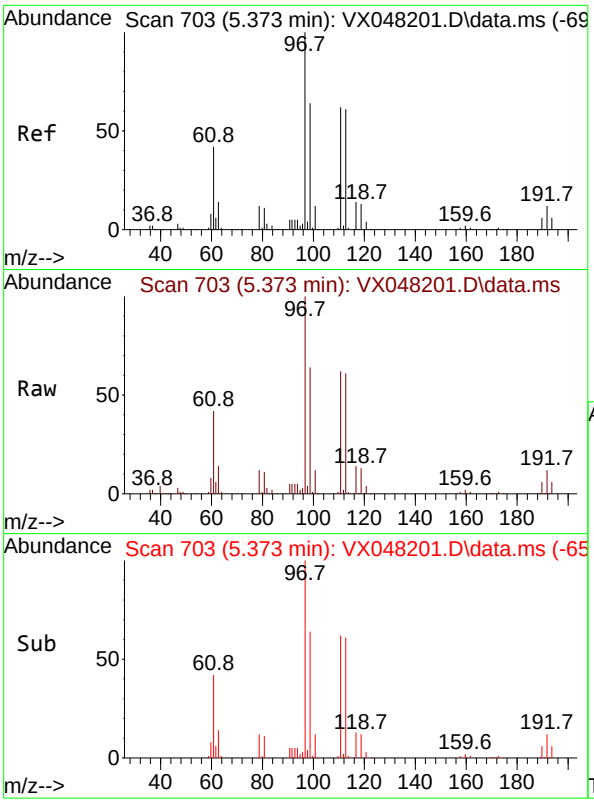


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:114 Resp: 233738

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	16.8	0.0	33.6

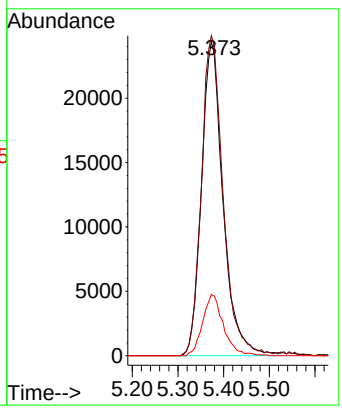




#35
Dibromofluoromethane
Concen: 49.241 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:113 Resp: 7987

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	18.9	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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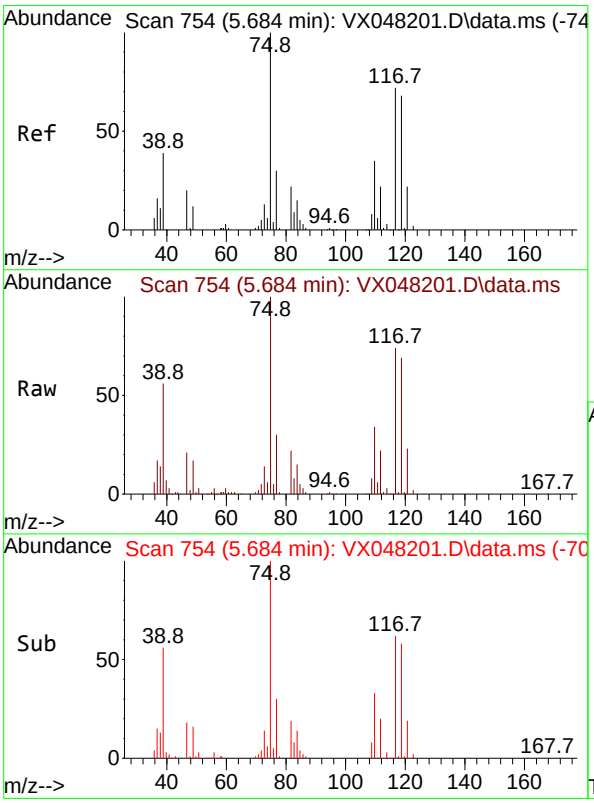
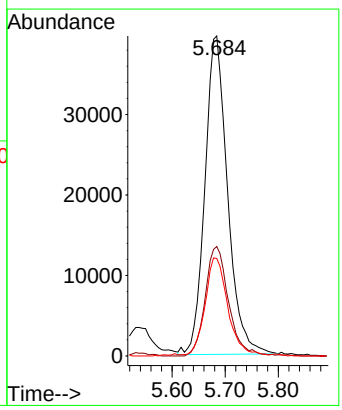
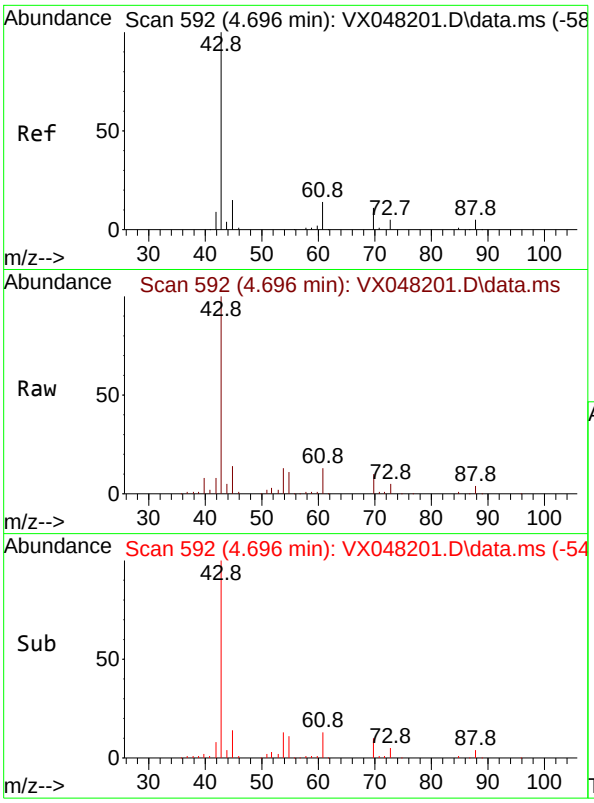


#36
1,1-Dichloropropene
Concen: 51.478 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 117638

Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.7	53.1
77	30.4	24.3	36.5

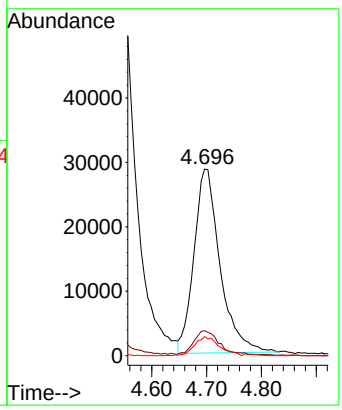




#37
Ethyl Acetate
Concen: 51.771 ug/l
RT: 4.696 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 9454

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	15.8
70	9.7	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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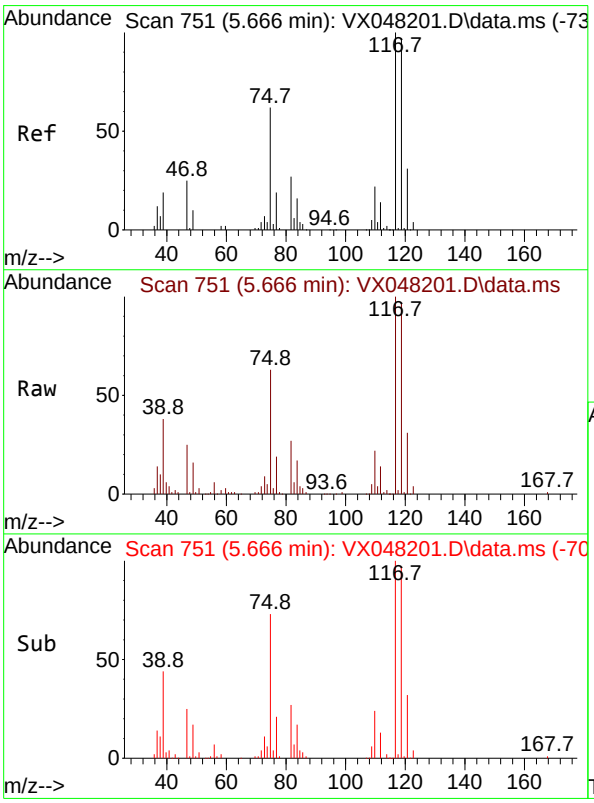
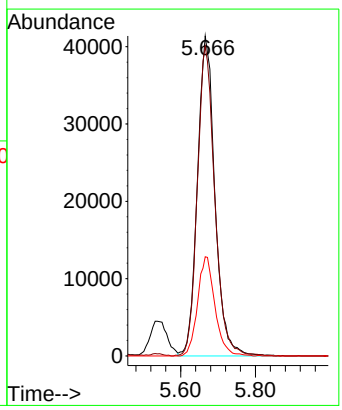
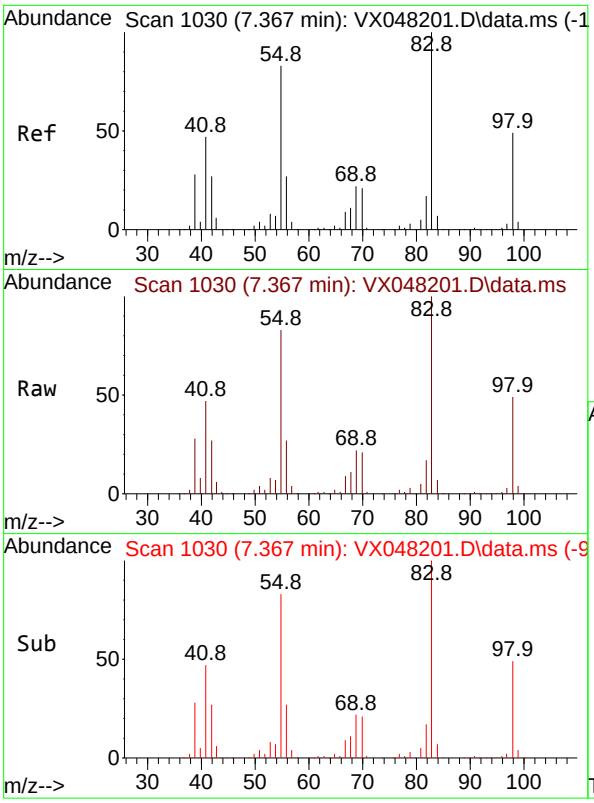


#38
Carbon Tetrachloride
Concen: 51.270 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:117 Resp: 134481

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	31.0	24.8	37.2

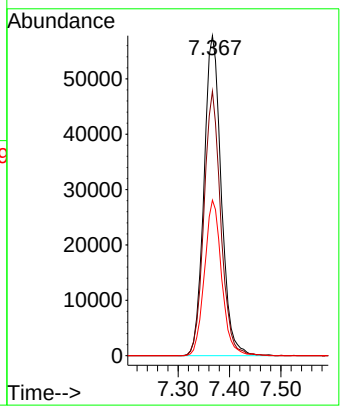




#39
Methylcyclohexane
Concen: 52.254 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 83 Resp: 13463

Ion	Ratio	Lower	Upper
83	100		
55	82.7	66.2	99.2
98	48.6	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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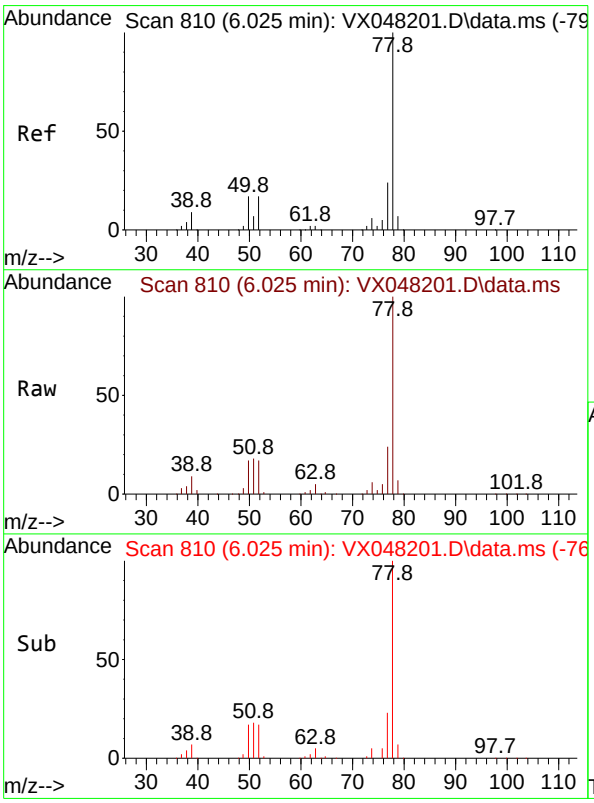
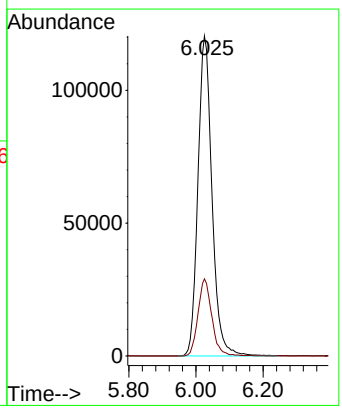
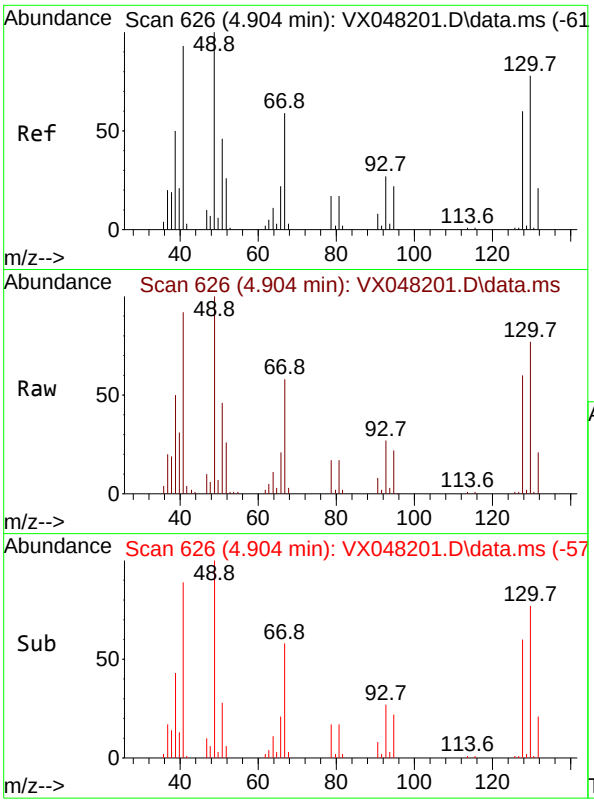


#40
Benzene
Concen: 51.556 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 78 Resp: 349840

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

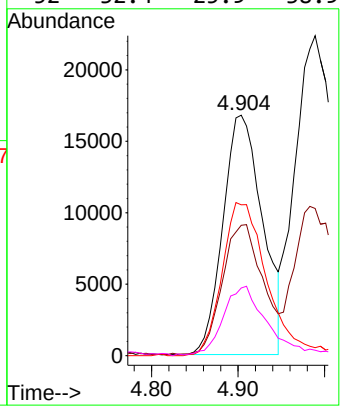




#41
Methacrylonitrile
Concen: 54.588 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 41 Resp: 5339

Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.0	66.0
67	73.4	58.7	88.1
52	32.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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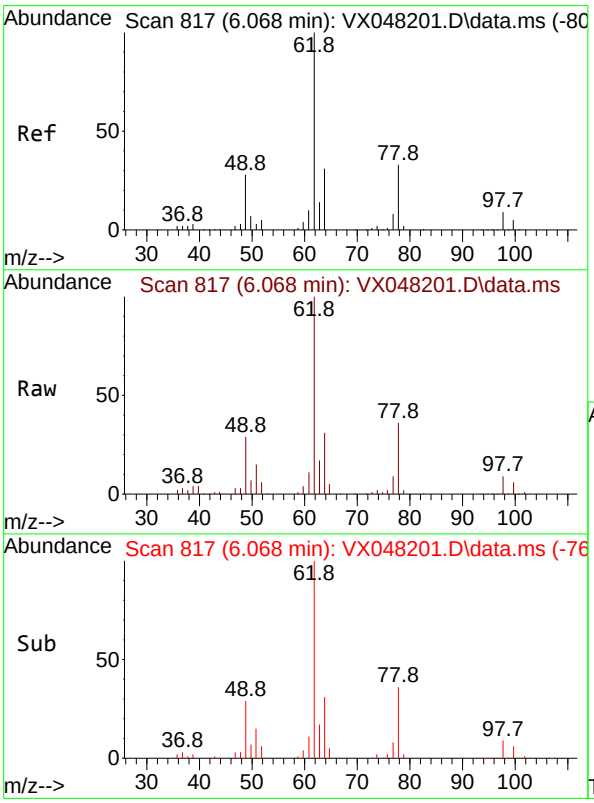
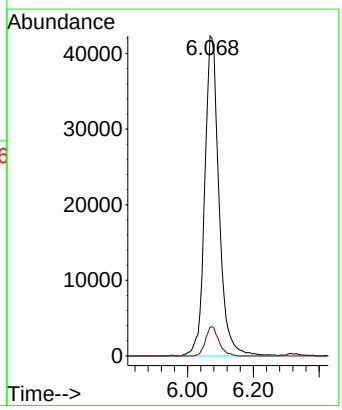
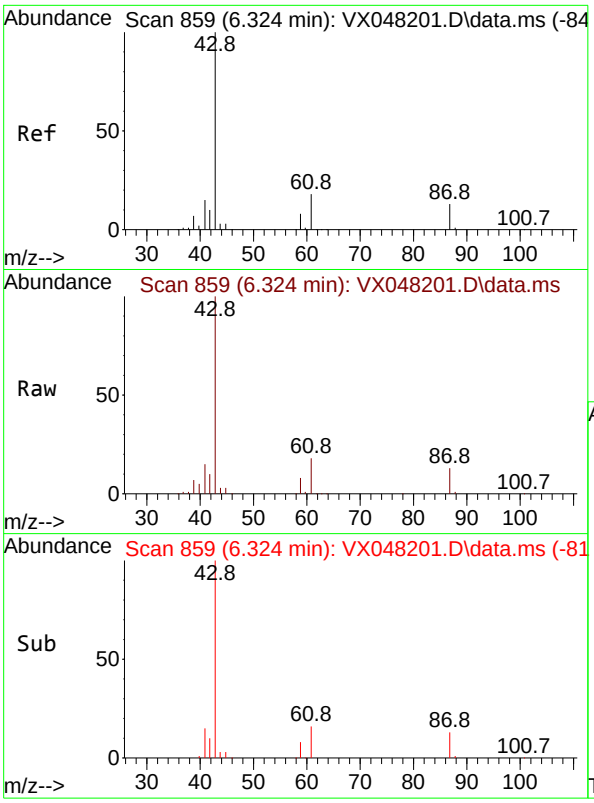


#42
1,2-Dichloroethane
Concen: 52.516 ug/l
RT: 6.068 min Scan# 817
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 62 Resp: 127674

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2

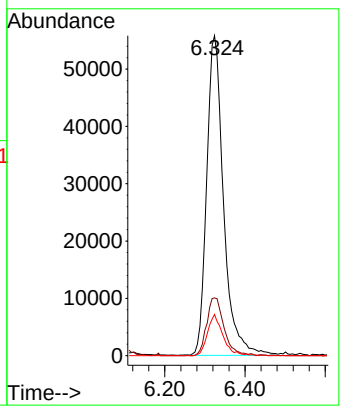




#43
Isopropyl Acetate
Concen: 53.135 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 16289

Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.9	22.3
87	11.8	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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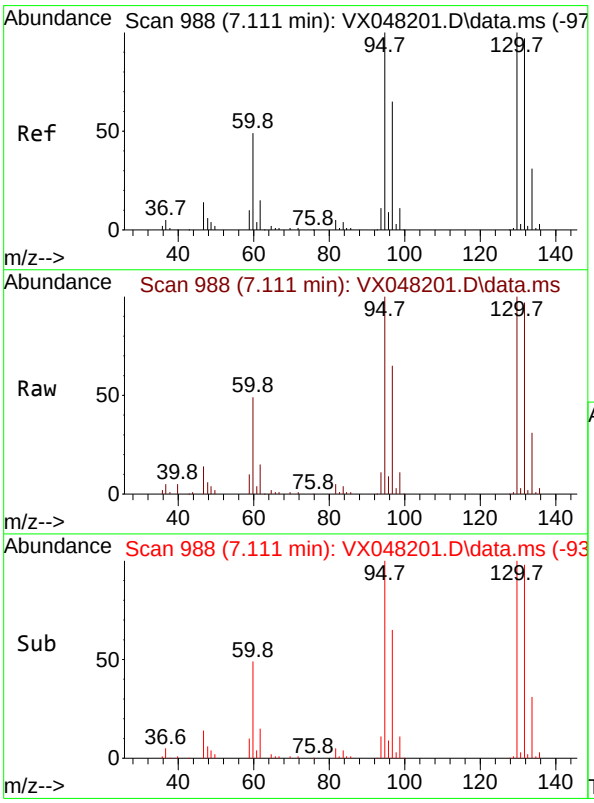
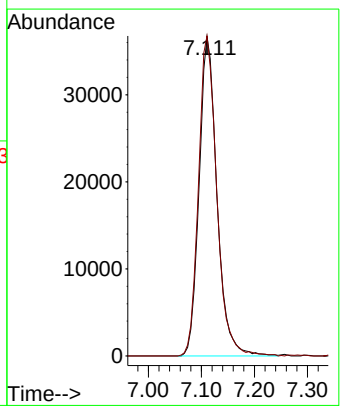
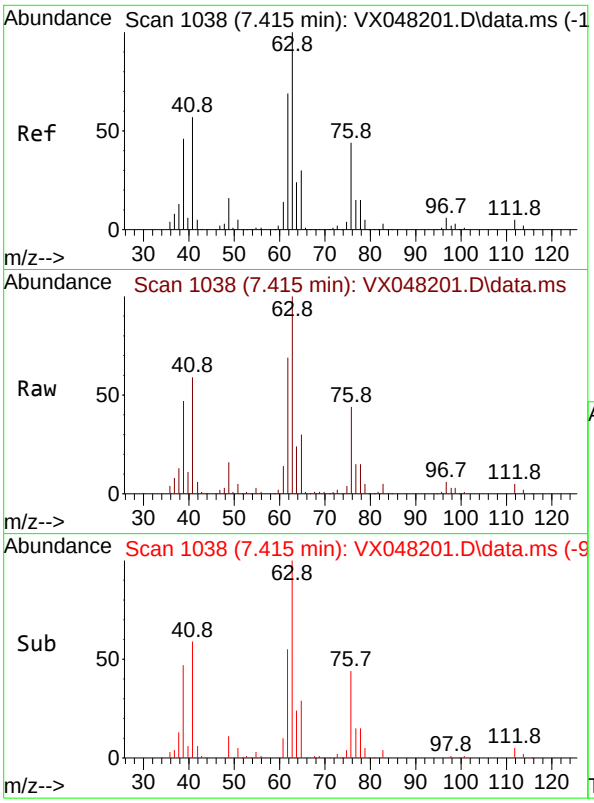


#44
Trichloroethene
Concen: 50.188 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:130 Resp: 85828

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	200.6

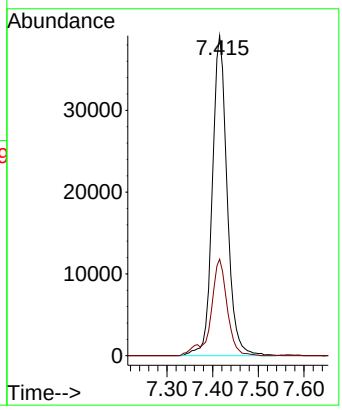




#45
1,2-Dichloropropane
Concen: 51.339 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 63 Resp: 8816

Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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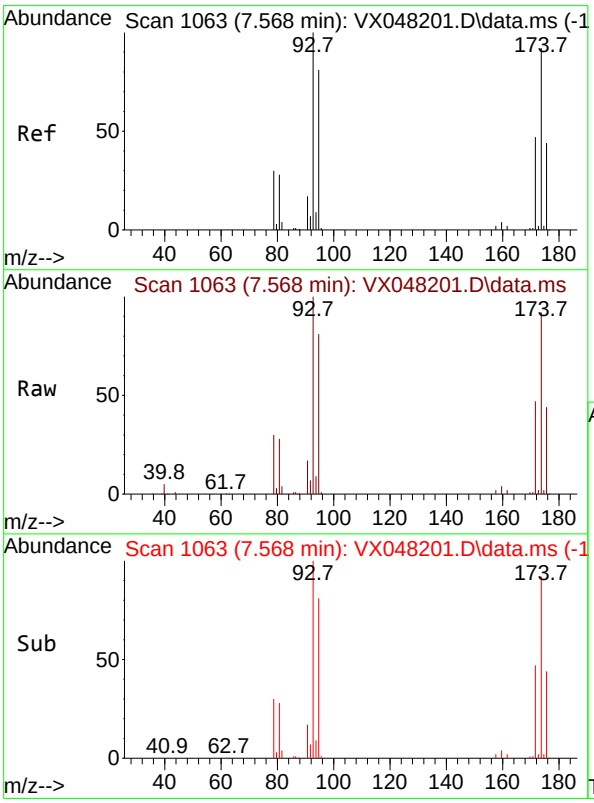
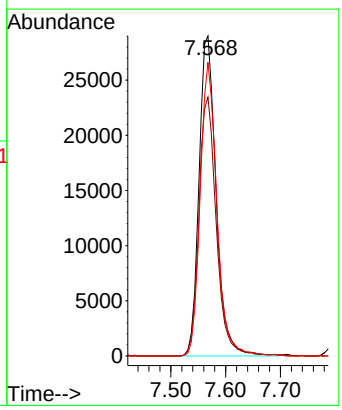
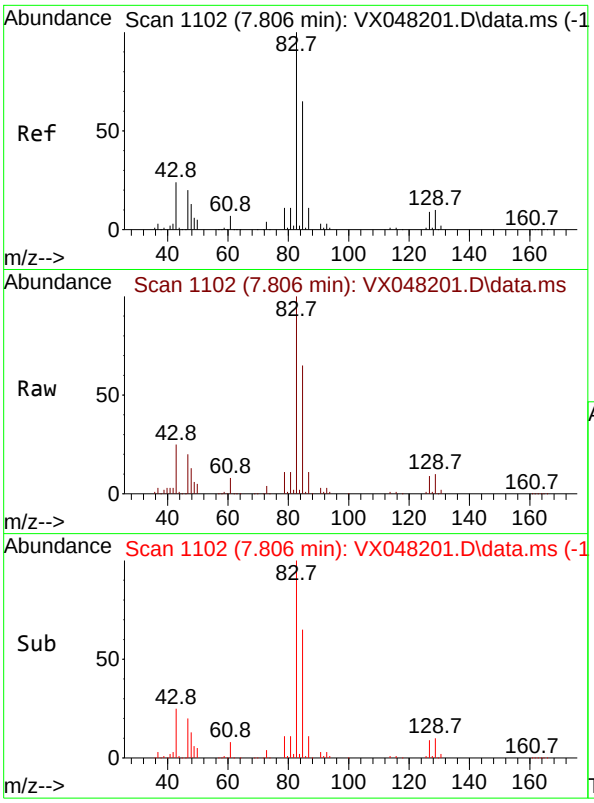


#46
Dibromomethane
Concen: 50.719 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 93 Resp: 62671

Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.9	98.9
174	89.6	71.7	107.5

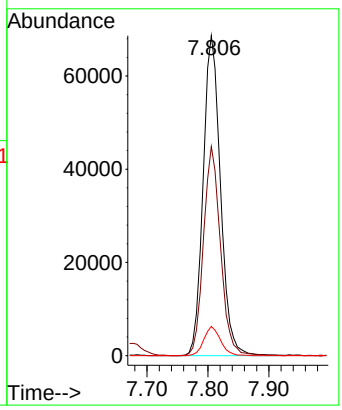




#47
Bromodichloromethane
Concen: 50.951 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 83 Resp: 13606

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4
127	9.1	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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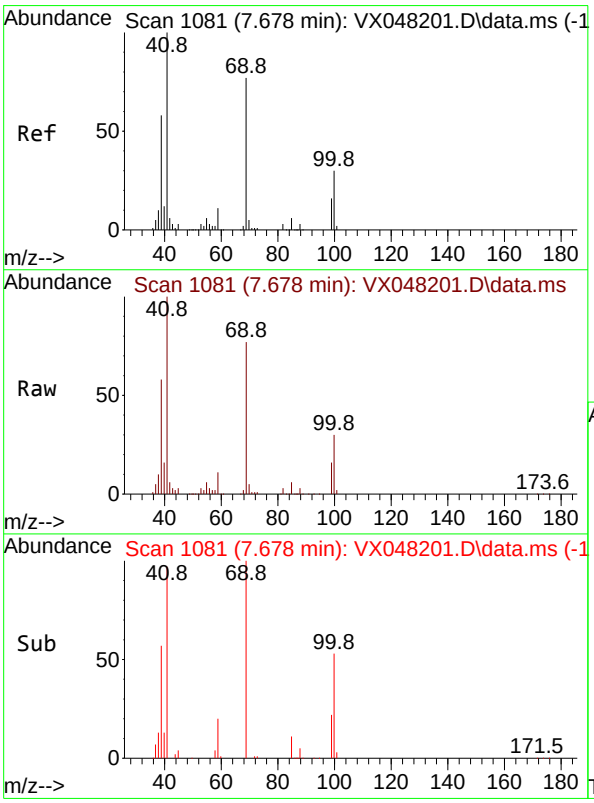
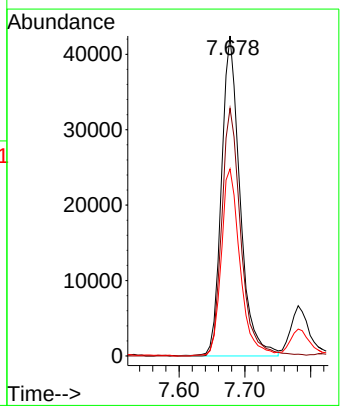
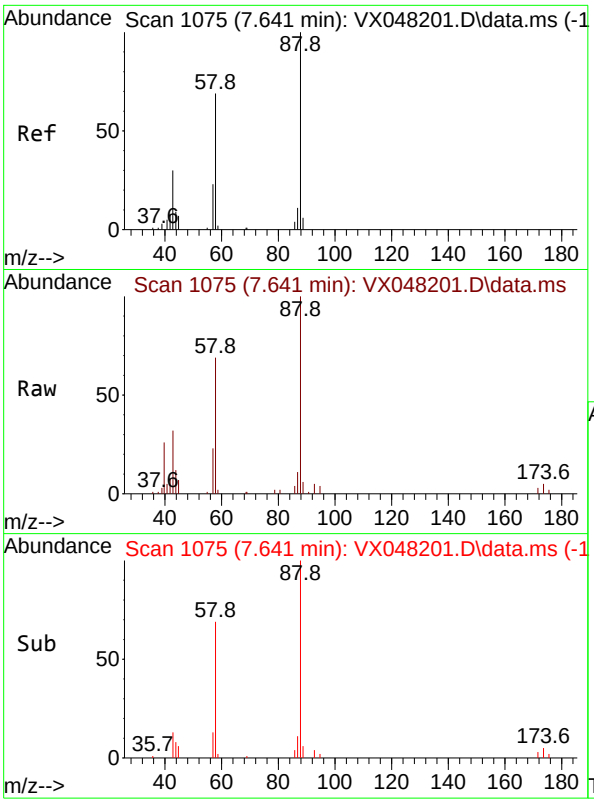


#48
Methyl methacrylate
Concen: 53.254 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 41 Resp: 83574

Ion	Ratio	Lower	Upper
41	100		
69	79.2	63.4	95.0
39	58.9	47.1	70.7





#49
1,4-Dioxane
Concen: 1035.490 ug/l
RT: 7.641 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 88 Resp: 1462

Ion	Ratio	Lower	Upper
88	100		
43	43.7	35.0	52.4
58	77.4	61.9	92.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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Reviewed By :John Carlone 10/20/2025
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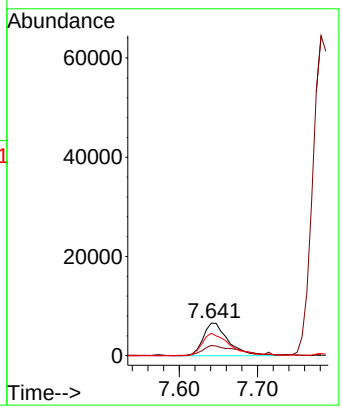
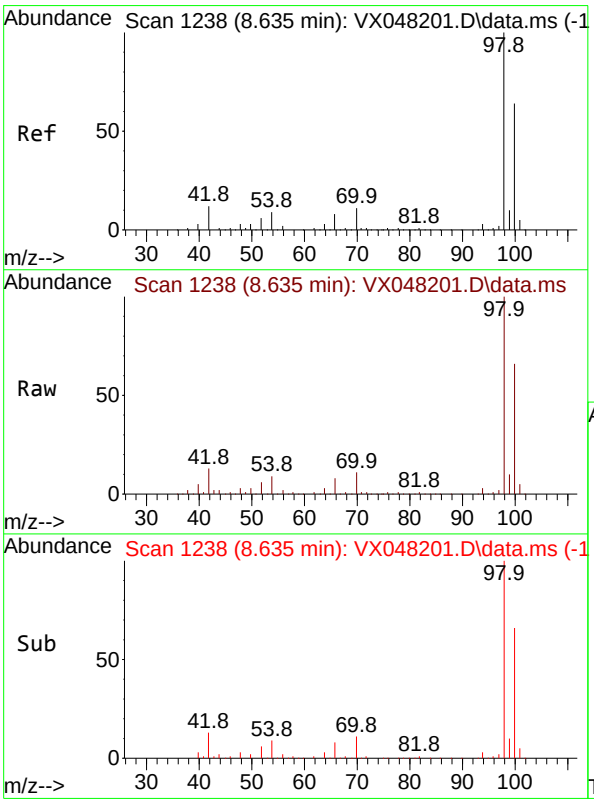
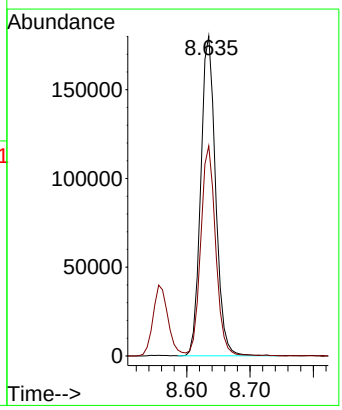


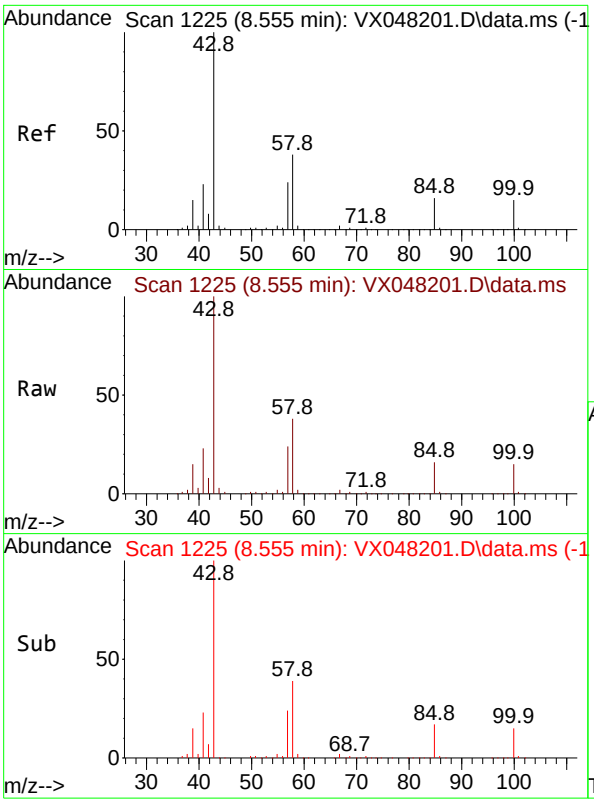


#50
Toluene-d8
Concen: 50.468 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 98 Resp: 294942

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

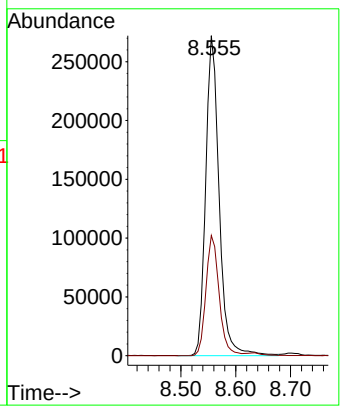




#51
4-Methyl-2-Pentanone
Concen: 270.327 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 46116

Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
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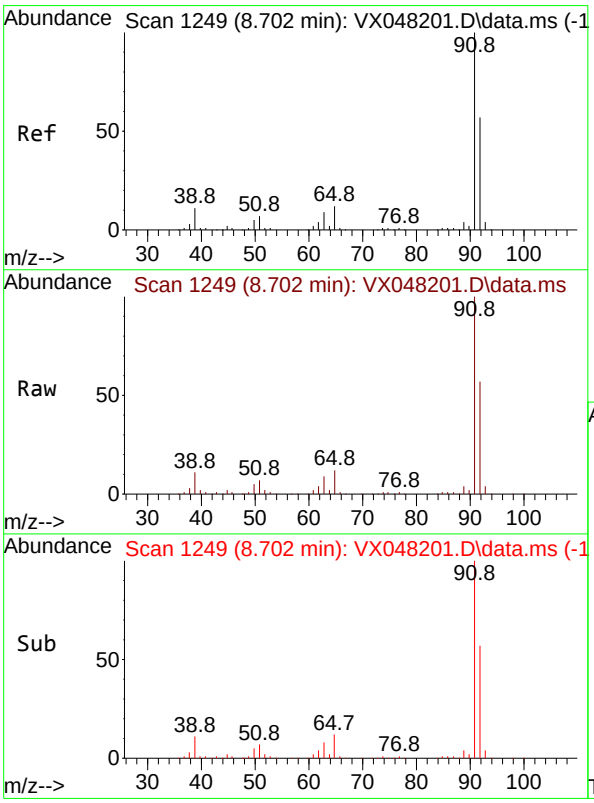
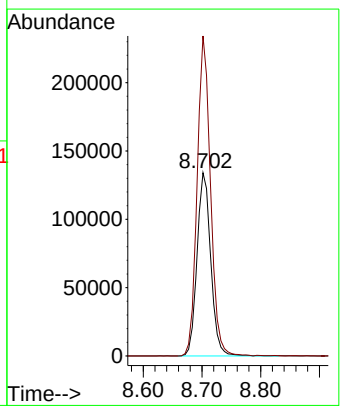
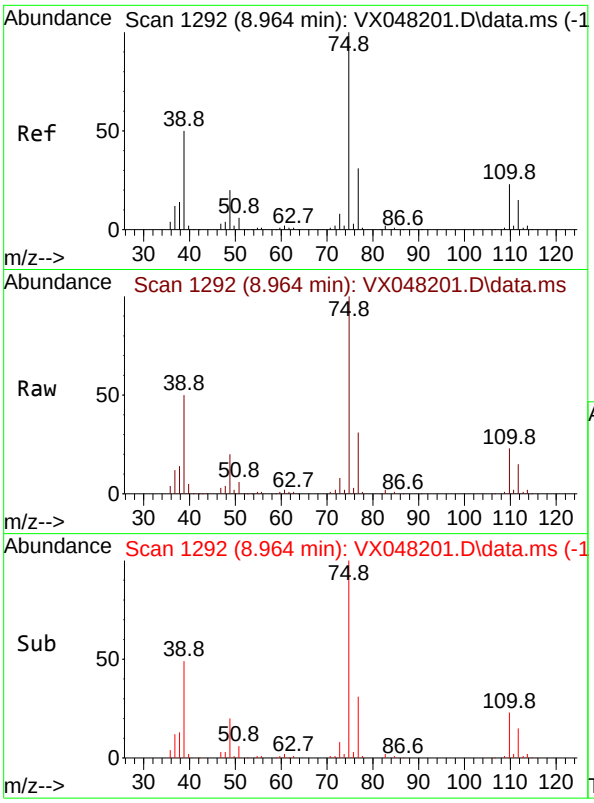


#52
Toluene
Concen: 53.129 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 92 Resp: 216685

Ion	Ratio	Lower	Upper
92	100		
91	170.1	136.1	204.1

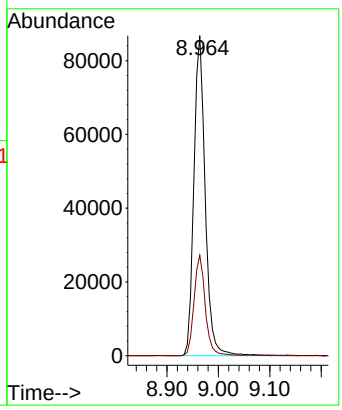




#53
t-1,3-Dichloropropene
Concen: 53.044 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 13271

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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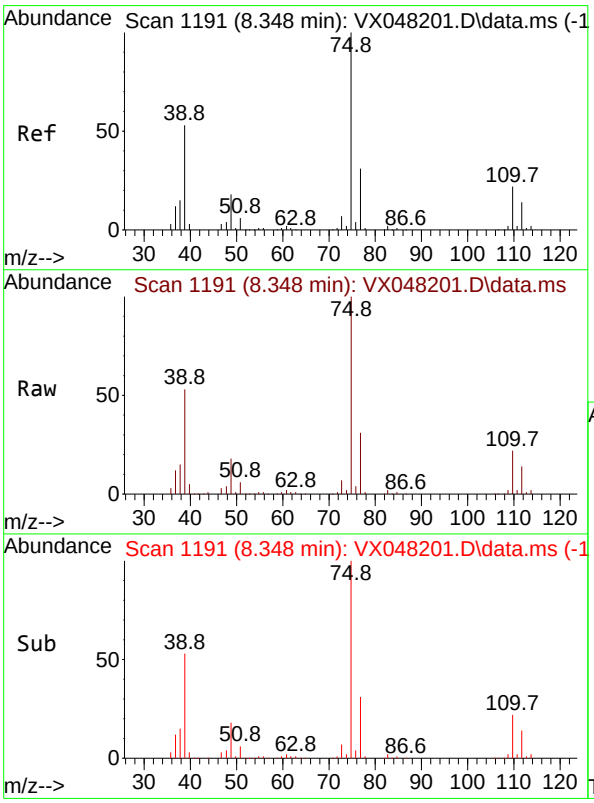
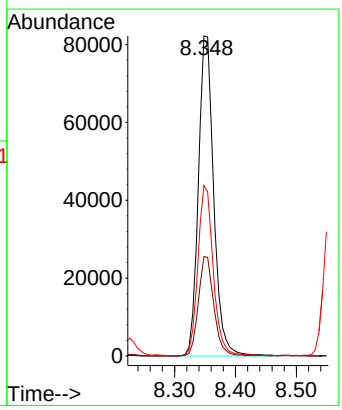
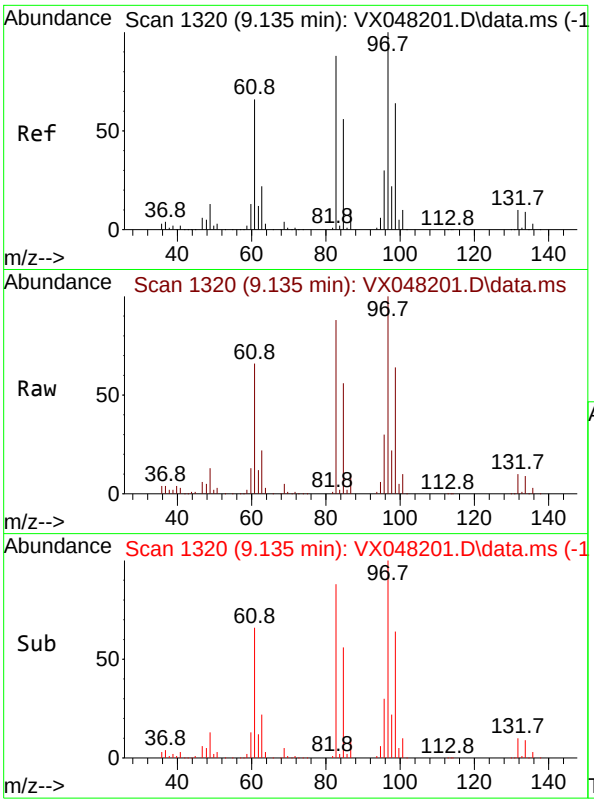


#54
cis-1,3-Dichloropropene
Concen: 52.875 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 144189

Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.9	37.3
39	53.3	42.6	64.0

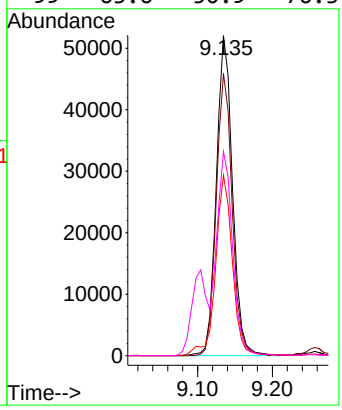




#55
1,1,2-Trichloroethane
Concen: 51.449 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 97 Resp: 7829

Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.6	105.8
85	56.3	45.0	67.6
99	63.6	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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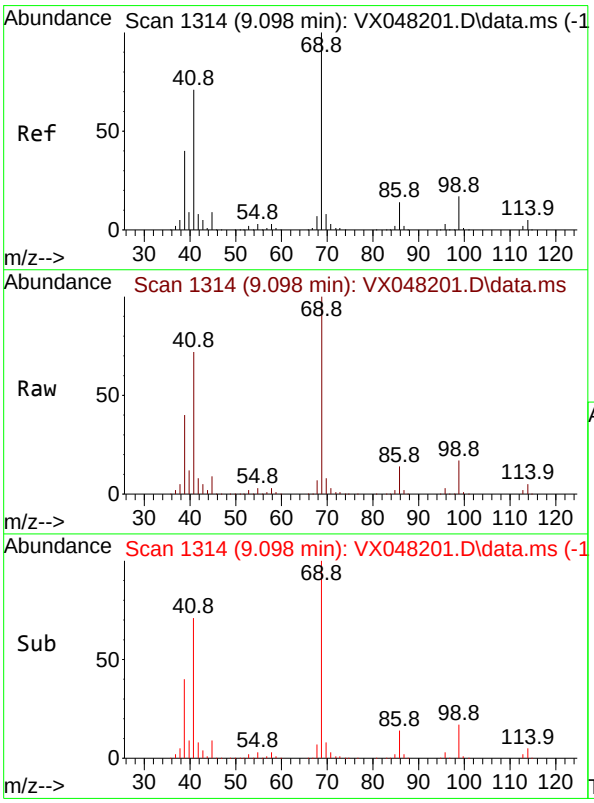
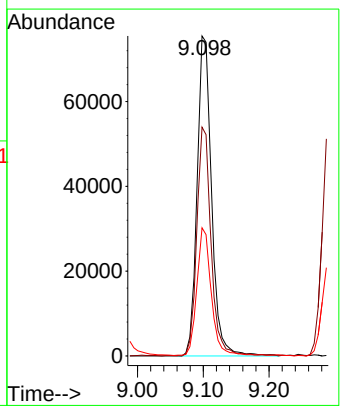
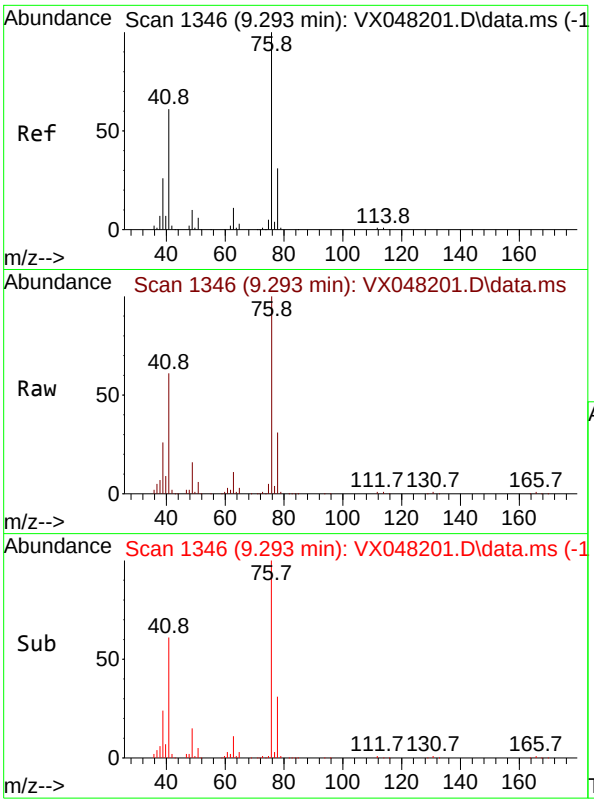


#56
Ethyl methacrylate
Concen: 55.800 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 69 Resp: 115491

Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.0	84.0
39	39.5	31.6	47.4

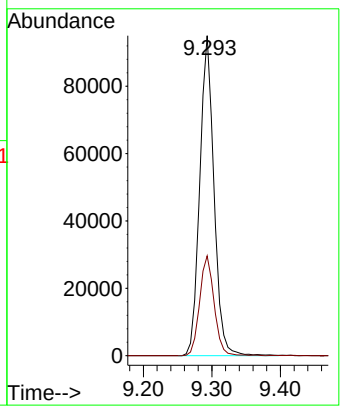




#57
1,3-Dichloropropane
Concen: 51.742 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 76 Resp: 13756

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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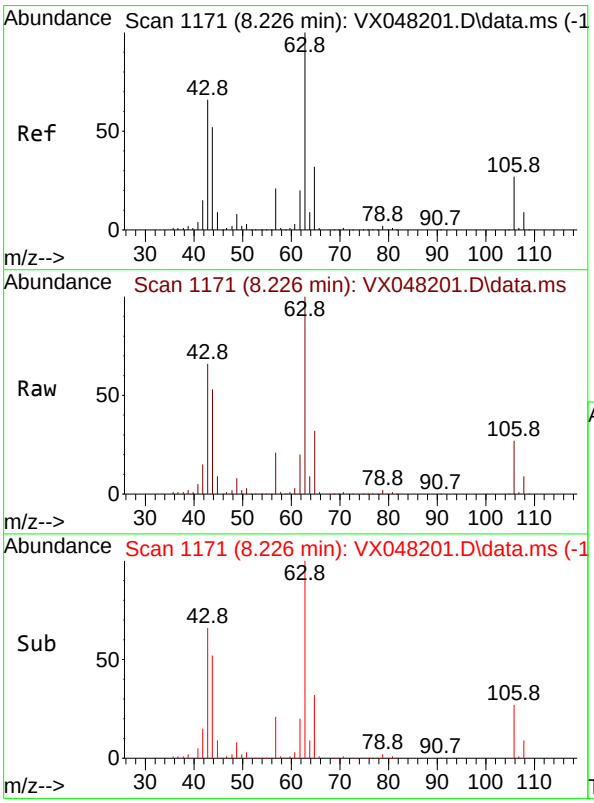
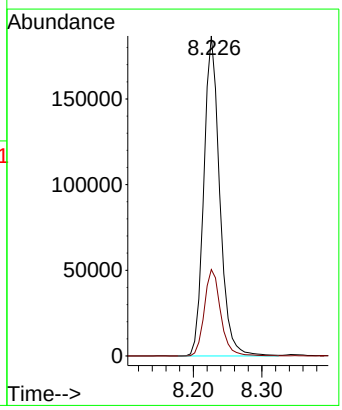
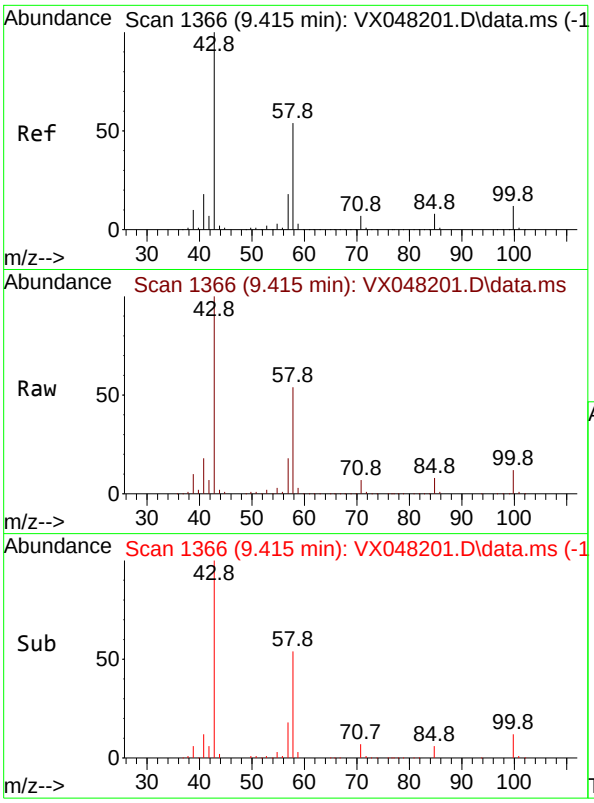


#58
2-Chloroethyl Vinyl ether
Concen: 237.498 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 63 Resp: 301874

Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.2	33.2

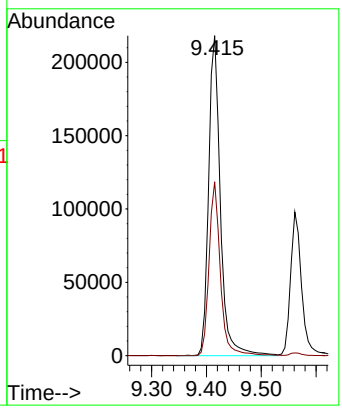




#59
2-Hexanone
Concen: 271.214 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 32362

Ion	Ratio	Lower	Upper
43	100		
58	52.5	26.3	78.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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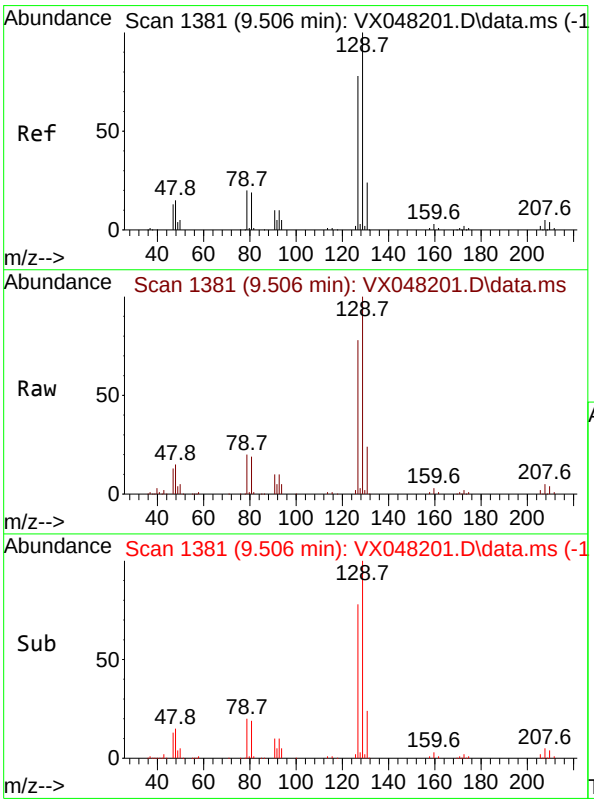
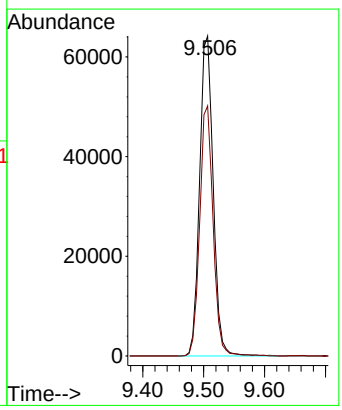
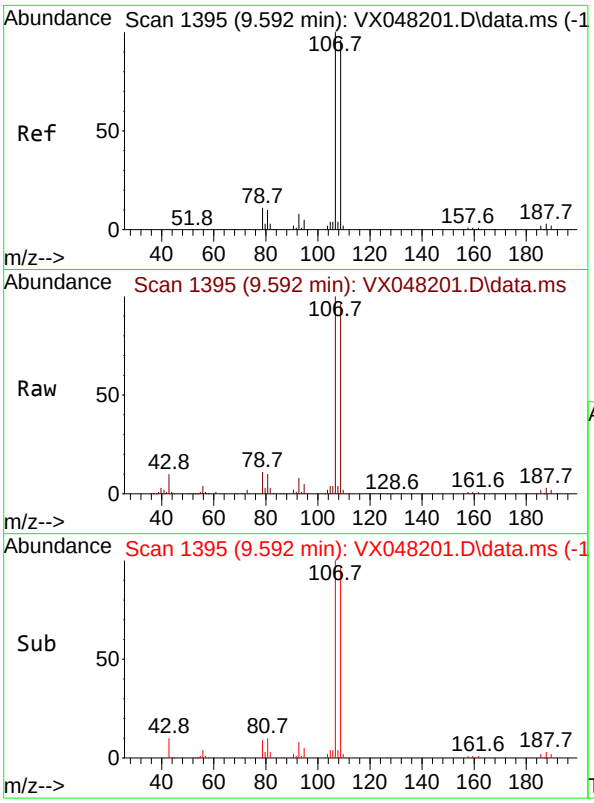


#60
Dibromochloromethane
Concen: 52.070 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:129 Resp: 99180

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.7

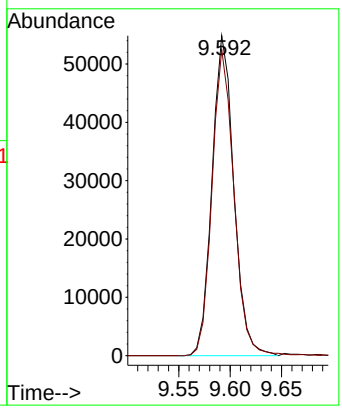




#61
1,2-Dibromoethane
Concen: 51.792 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:107 Resp: 8081

Ion	Ratio	Lower	Upper
107	100		
109	96.2	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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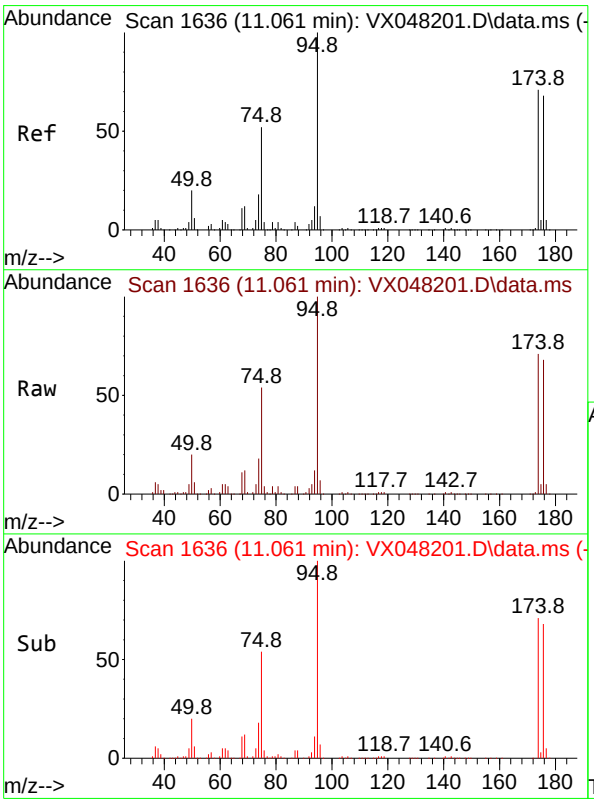
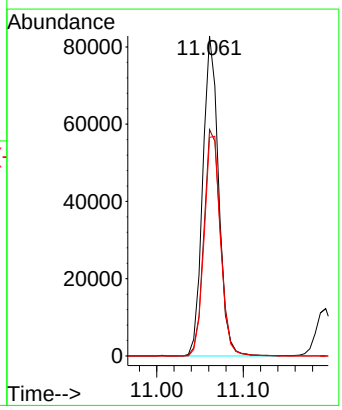
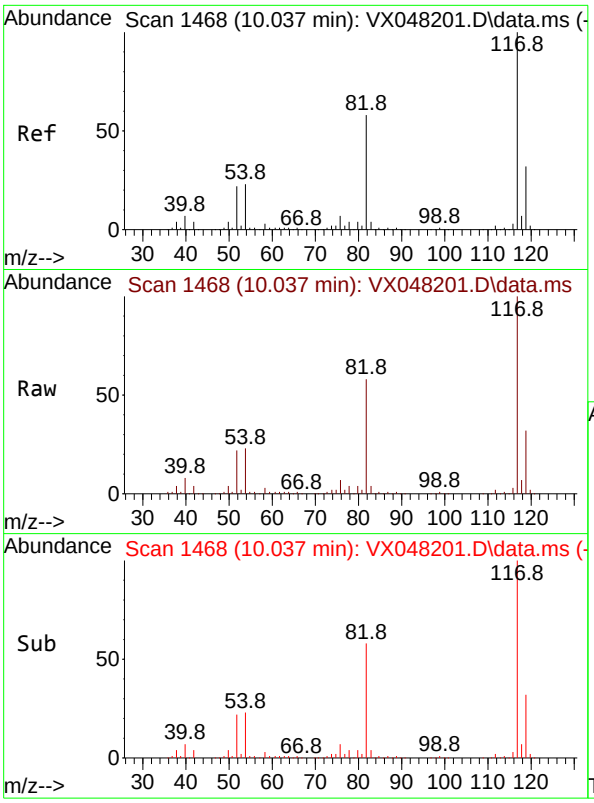


#62
4-Bromofluorobenzene
Concen: 49.416 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 95 Resp: 105186

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	147.8
176	71.4	0.0	142.8

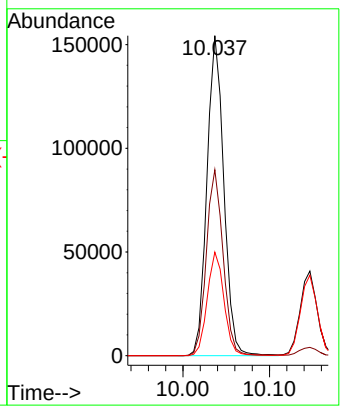




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:117 Resp: 20871

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.5	69.7
119	32.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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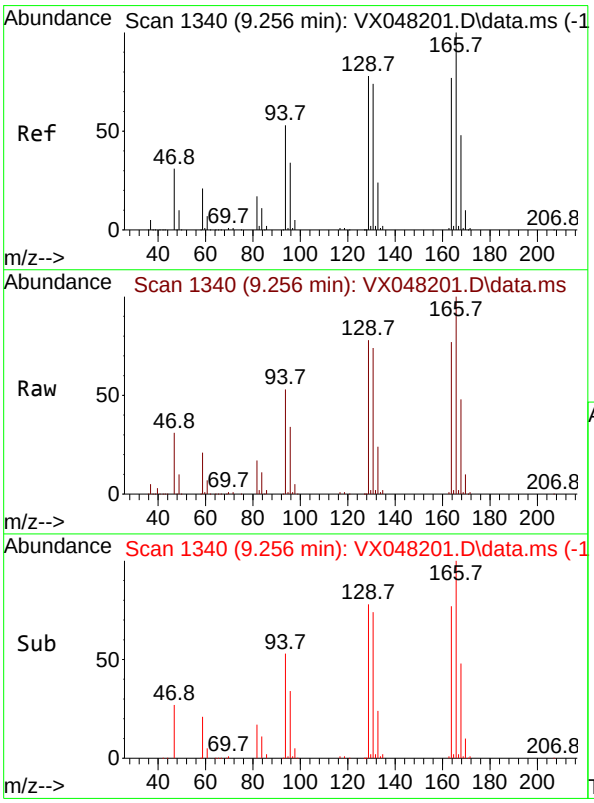
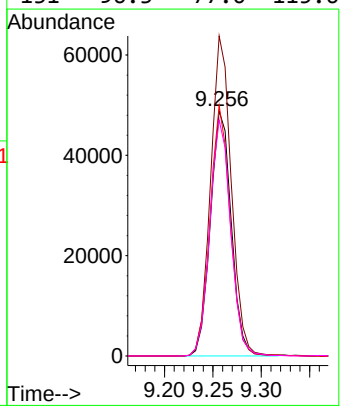
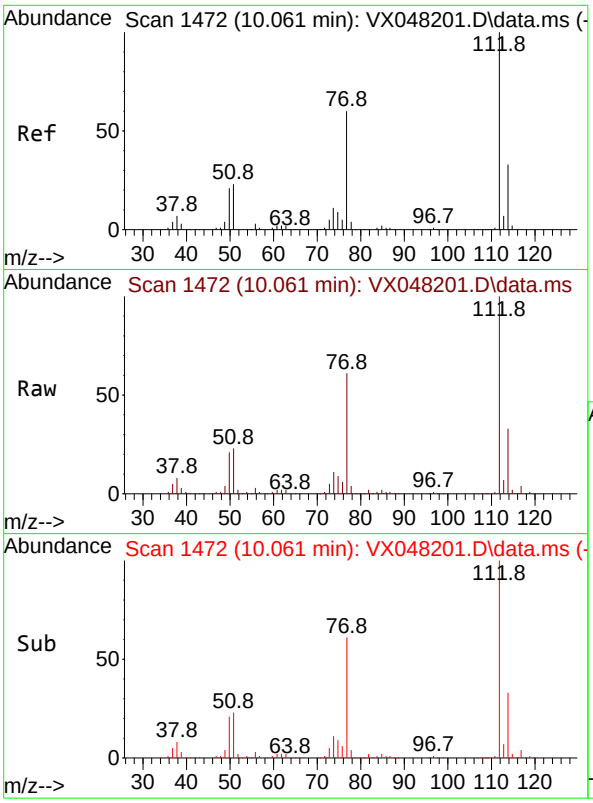


#64
Tetrachloroethene
Concen: 49.965 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:164 Resp: 73122

Ion	Ratio	Lower	Upper
164	100		
166	130.6	104.5	156.7
129	102.2	81.8	122.6
131	96.3	77.0	115.6

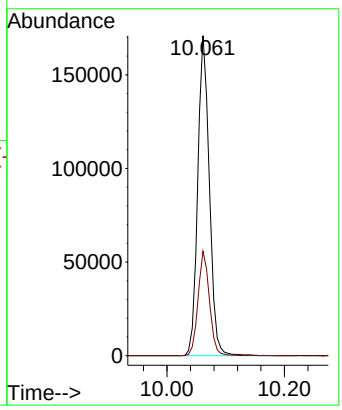




#65
Chlorobenzene
Concen: 51.440 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:112 Resp: 23475

Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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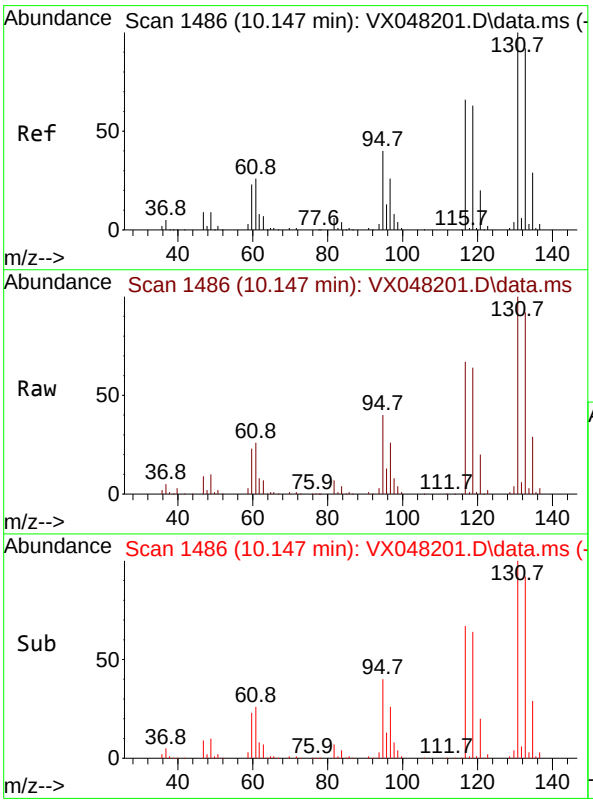
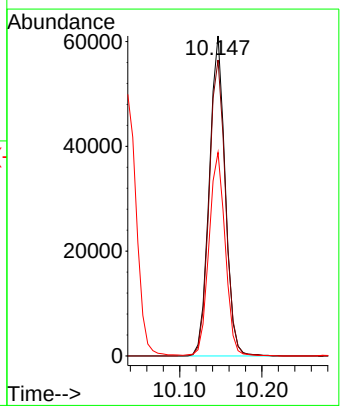
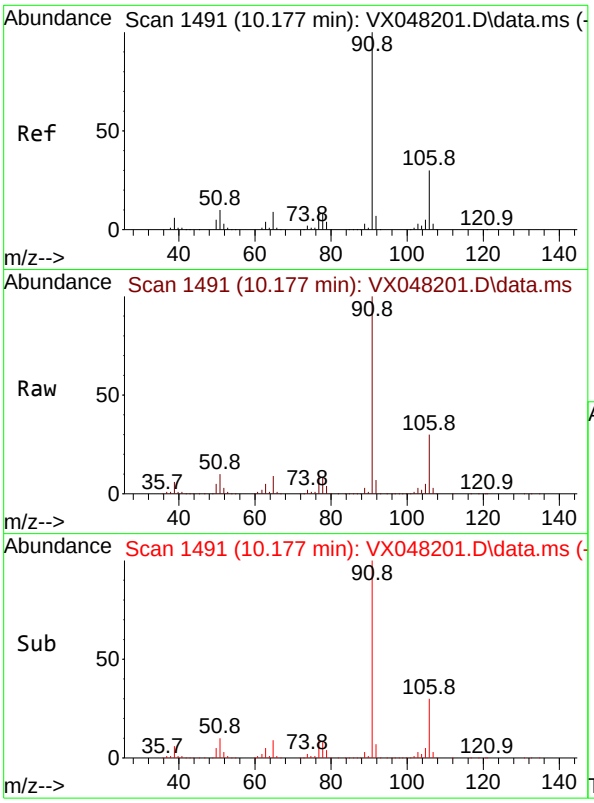


#66
1,1,1,2-Tetrachloroethane
Concen: 50.061 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:131 Resp: 82328

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.6	142.8
119	65.0	32.5	97.5

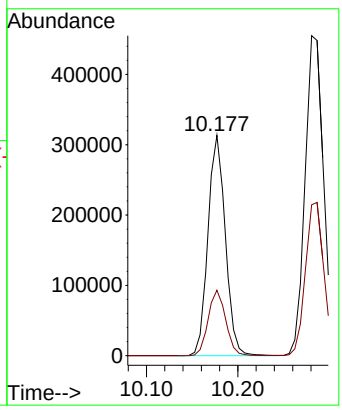




#67
Ethyl Benzene
Concen: 52.808 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 41316

Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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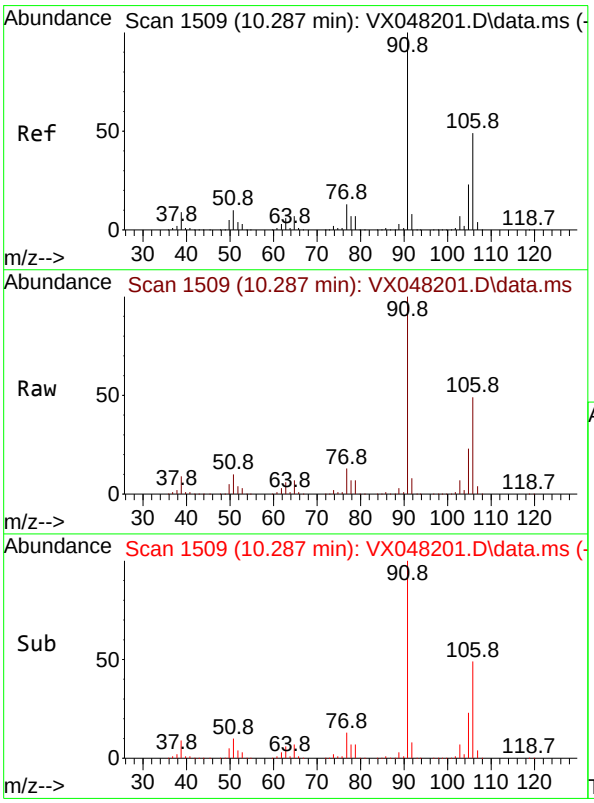
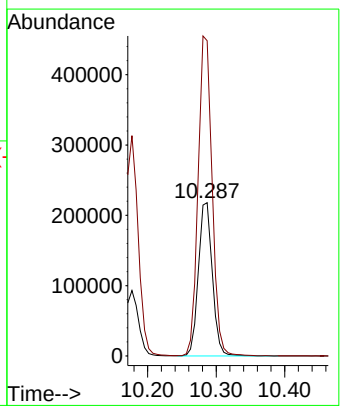
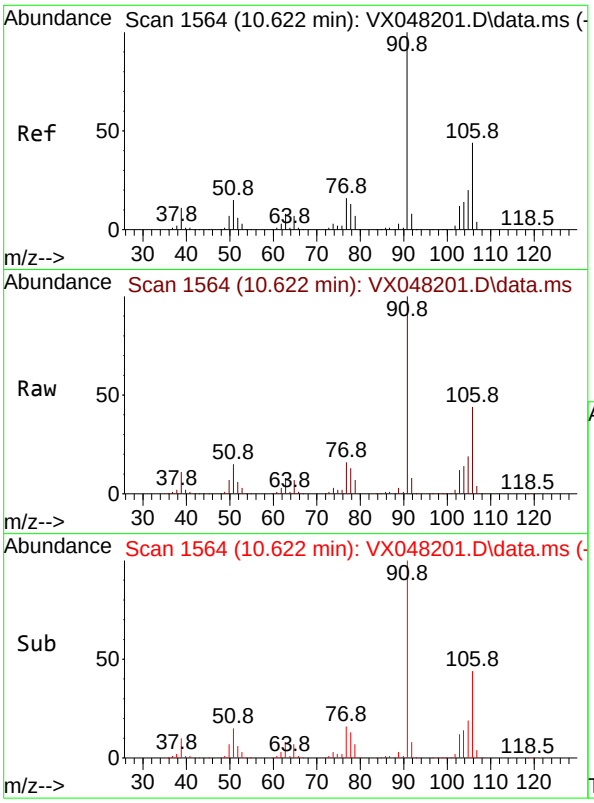


#68
m/p-Xylenes
Concen: 106.125 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:106 Resp: 309325

Ion	Ratio	Lower	Upper
106	100		
91	209.9	167.9	251.9

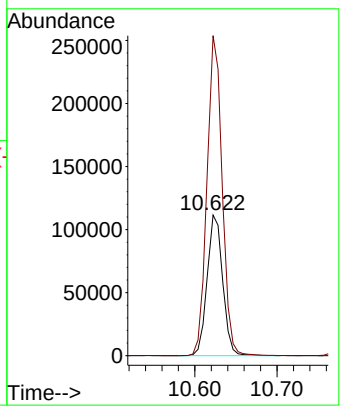




#69
o-Xylene
Concen: 53.330 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:106 Resp: 14632

Ion	Ratio	Lower	Upper
106	100		
91	222.6	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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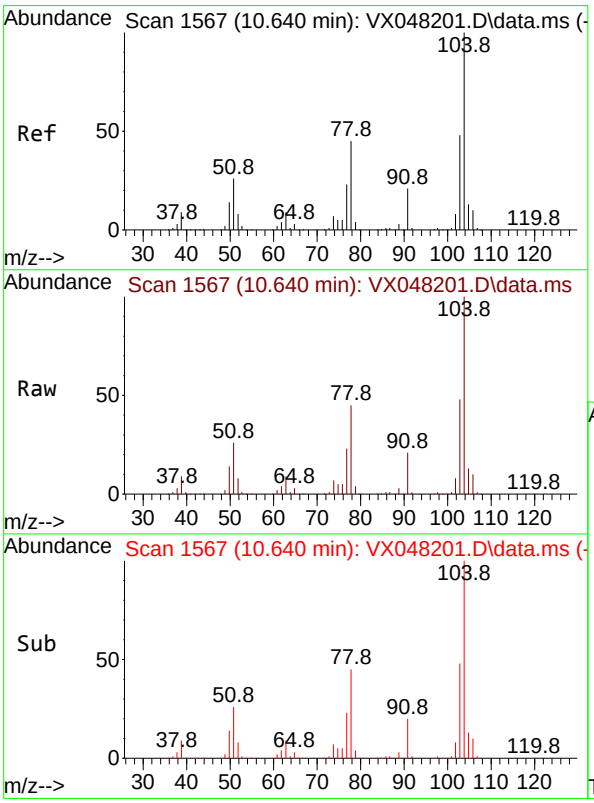
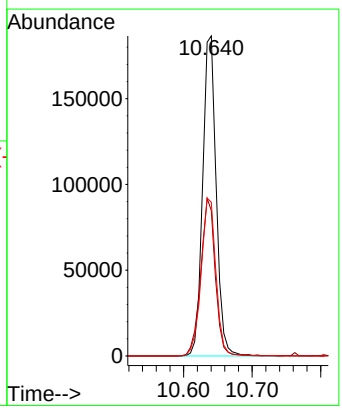
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

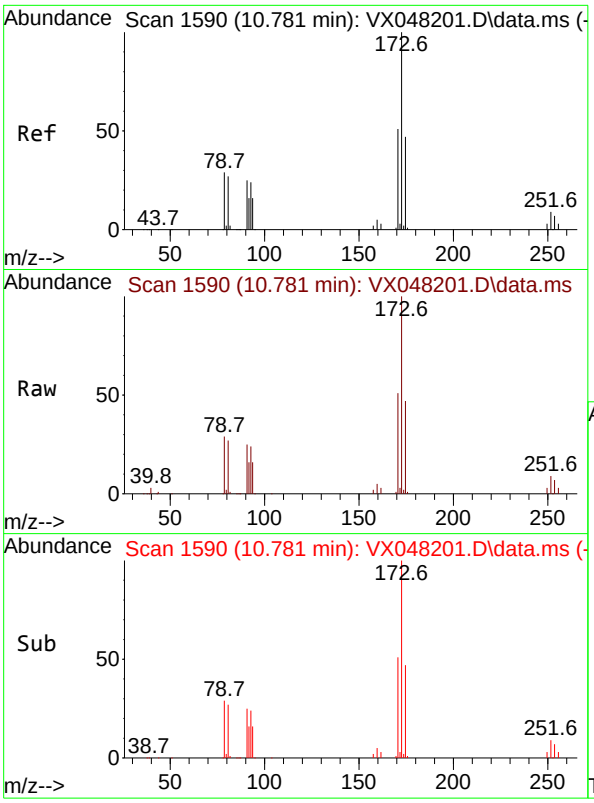


#70
Styrene
Concen: 54.486 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:104 Resp: 257332

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	53.7	43.0	64.4

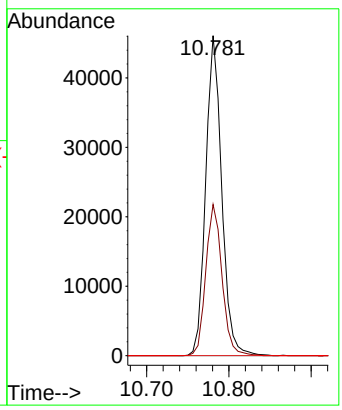




#71
Bromoform
Concen: 51.573 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:173 Resp: 6228

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.0	72.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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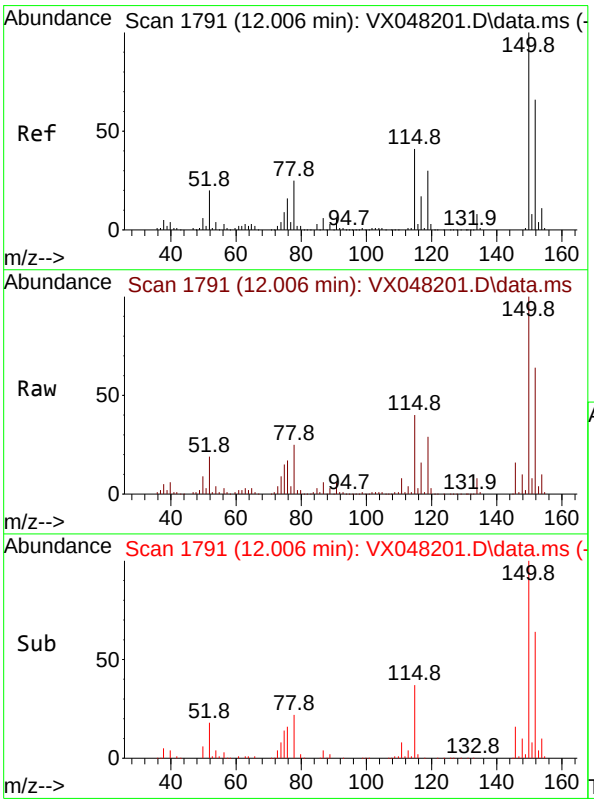
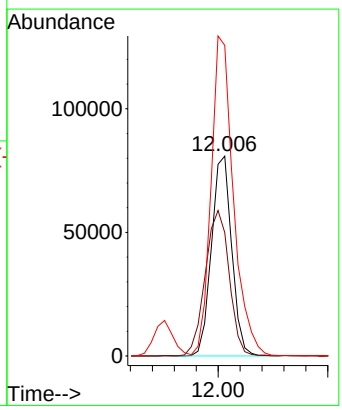
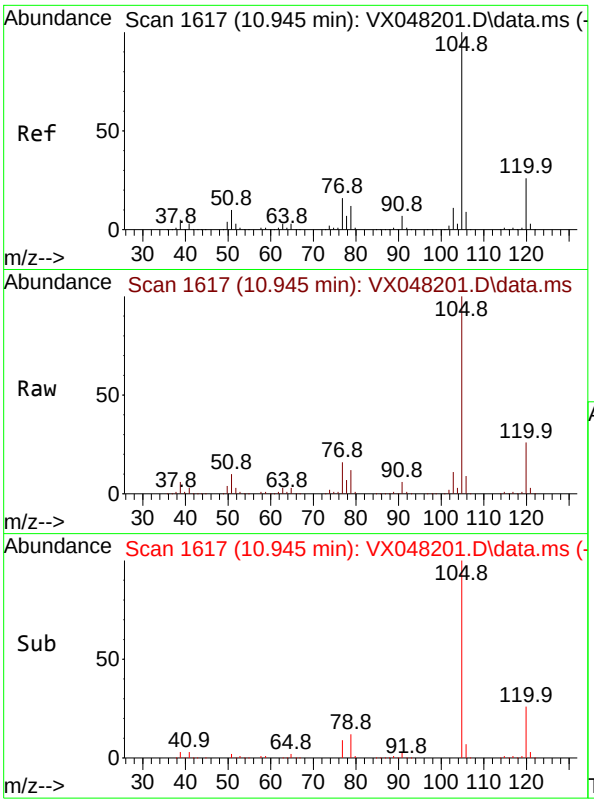


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:152 Resp: 103673

Ion	Ratio	Lower	Upper
152	100		
115	86.3	43.1	129.4
150	176.5	0.0	353.0





#73
Isopropylbenzene
Concen: 53.140 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:105 Resp: 38318

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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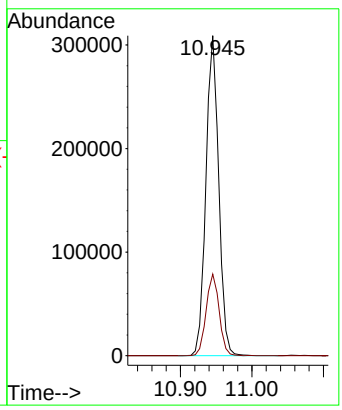
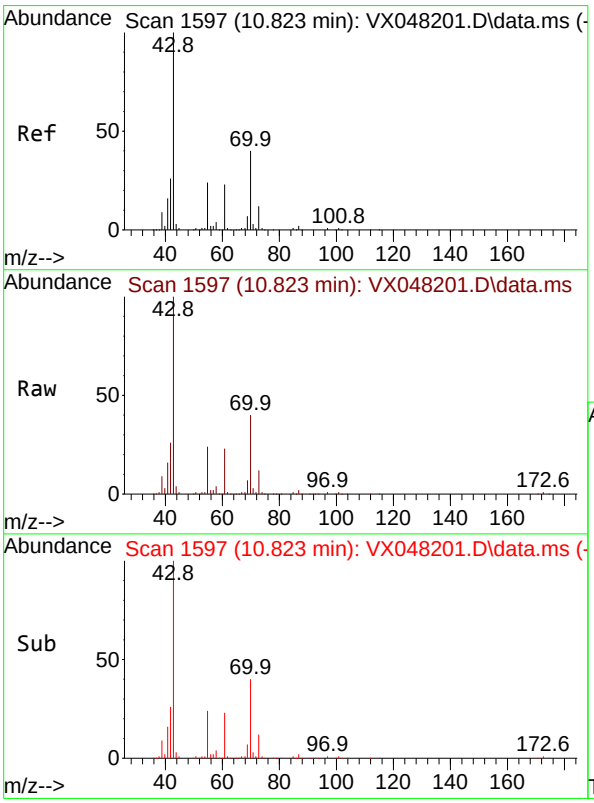
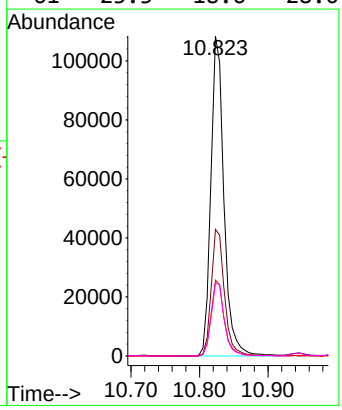


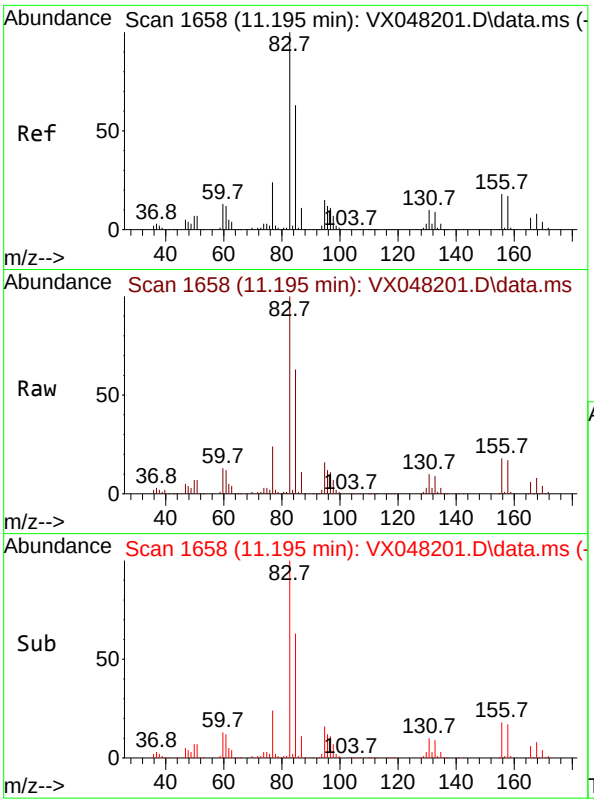


#74
N-amyl acetate
Concen: 53.500 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 143916

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.2	48.2
55	23.9	19.1	28.7
61	23.3	18.6	28.0

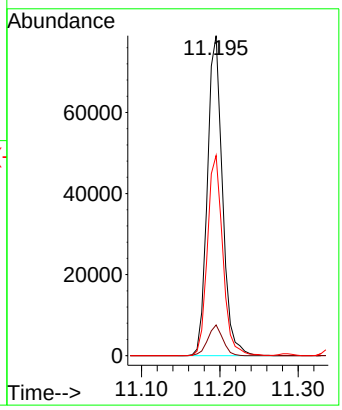




#75
1,1,2,2-Tetrachloroethane
Concen: 51.513 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 83 Resp: 10523

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	63.8	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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Reviewed By :John Carlone 10/20/2025
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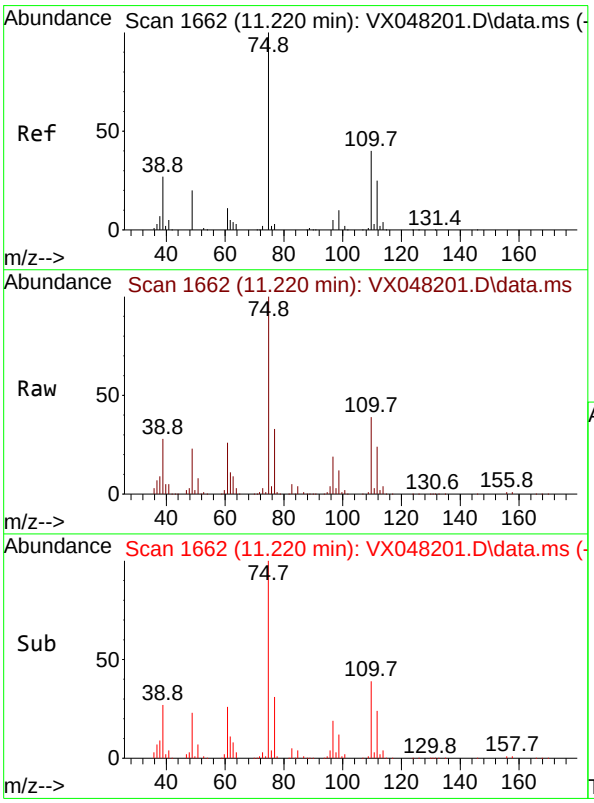
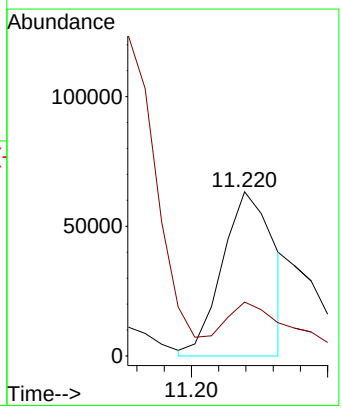
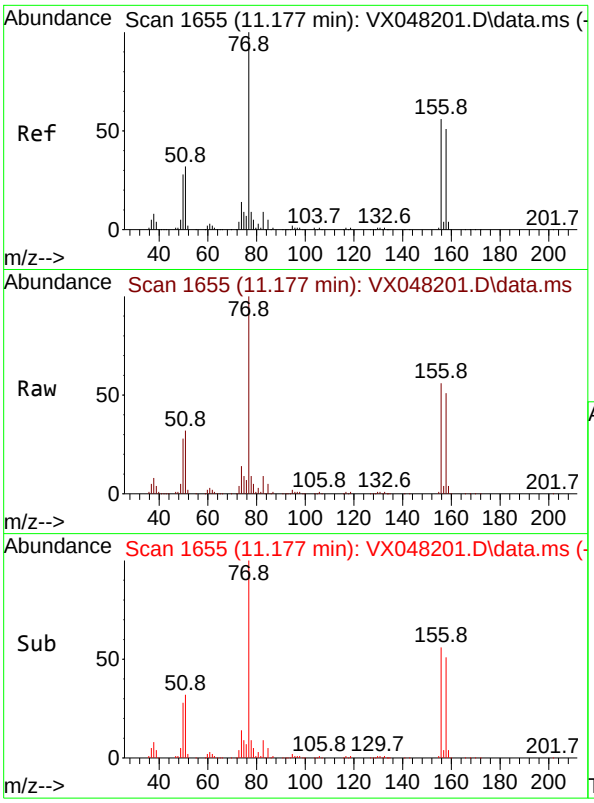


#76
1,2,3-Trichloropropane
Concen: 52.482 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 83086

Ion	Ratio	Lower	Upper
75	100		
77	44.8	22.4	67.2

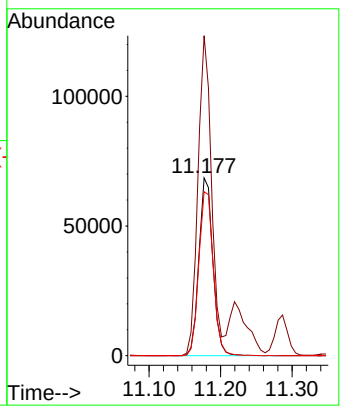




#77
Bromobenzene
Concen: 51.377 ug/l
RT: 11.177 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:156 Resp: 9270

Ion	Ratio	Lower	Upper
156	100		
77	174.0	87.0	261.0
158	95.6	47.8	143.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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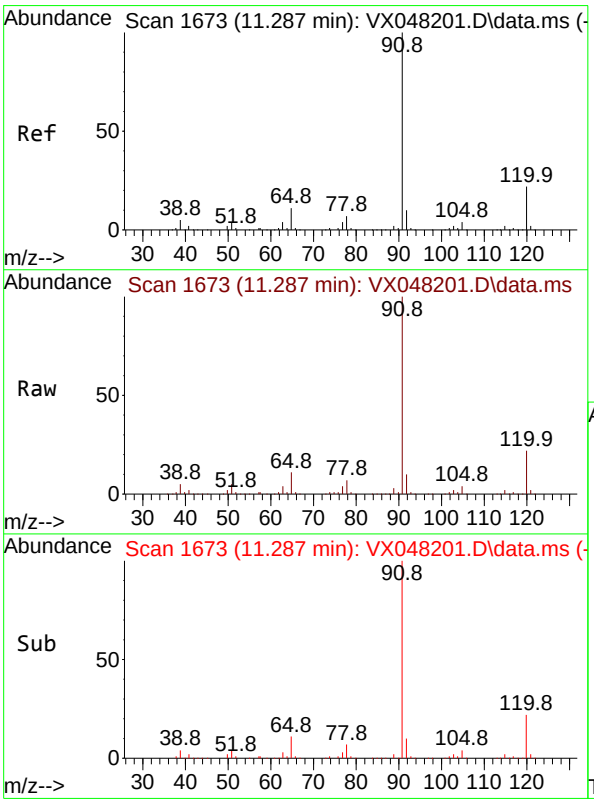
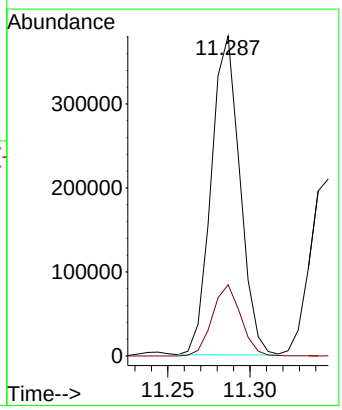
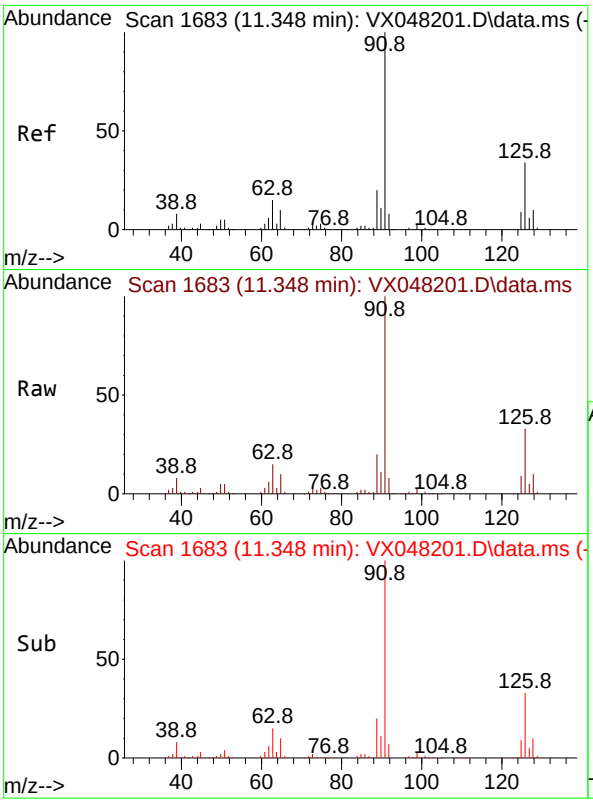


#78
n-propylbenzene
Concen: 52.775 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 461479

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79
2-Chlorotoluene
Concen: 51.065 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 26978

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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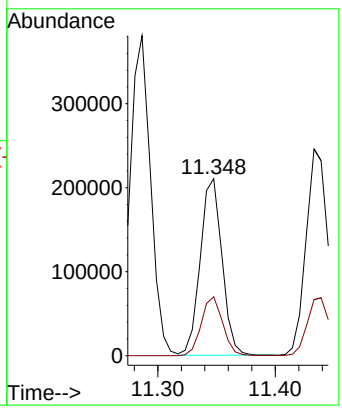
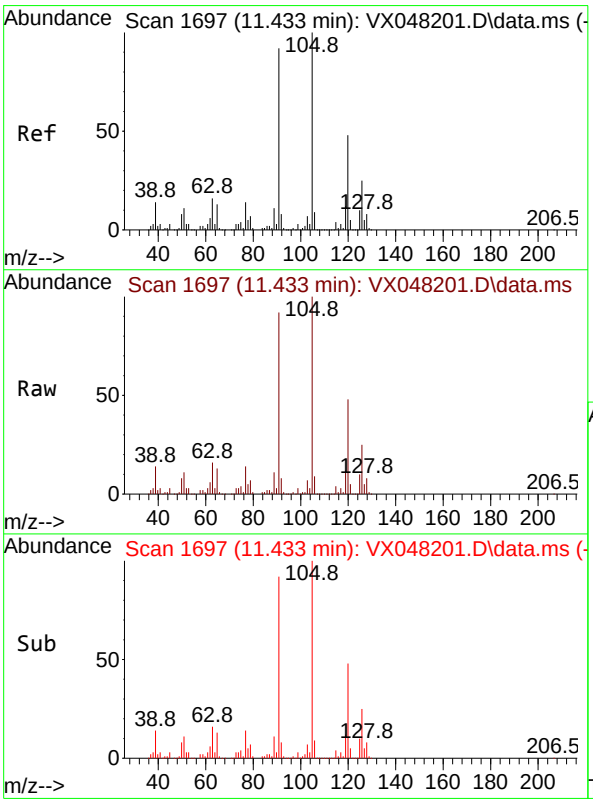
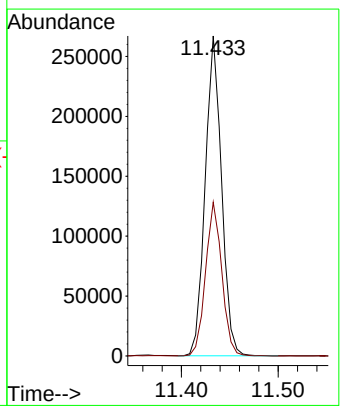


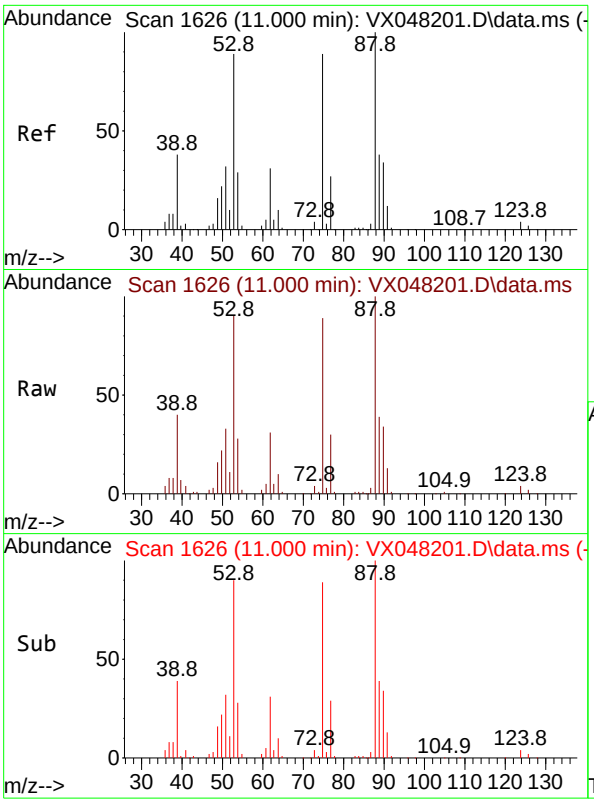


#80
1,3,5-Trimethylbenzene
Concen: 53.099 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:105 Resp: 314287

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.874 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 3418

Ion	Ratio	Lower	Upper
75	100		
53	99.4	79.5	119.3
89	46.0	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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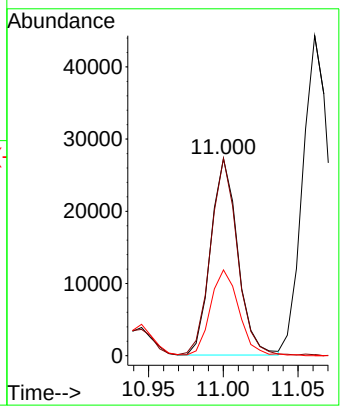
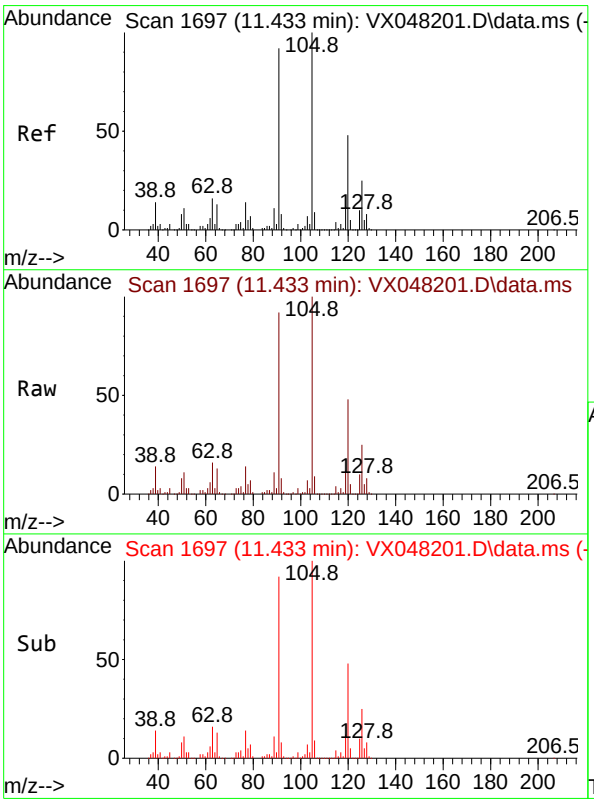
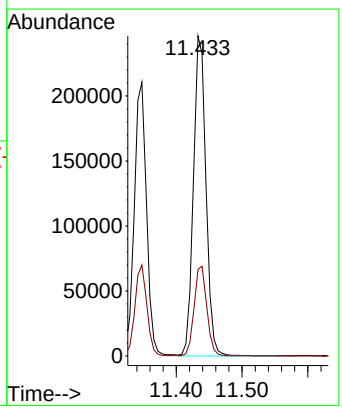


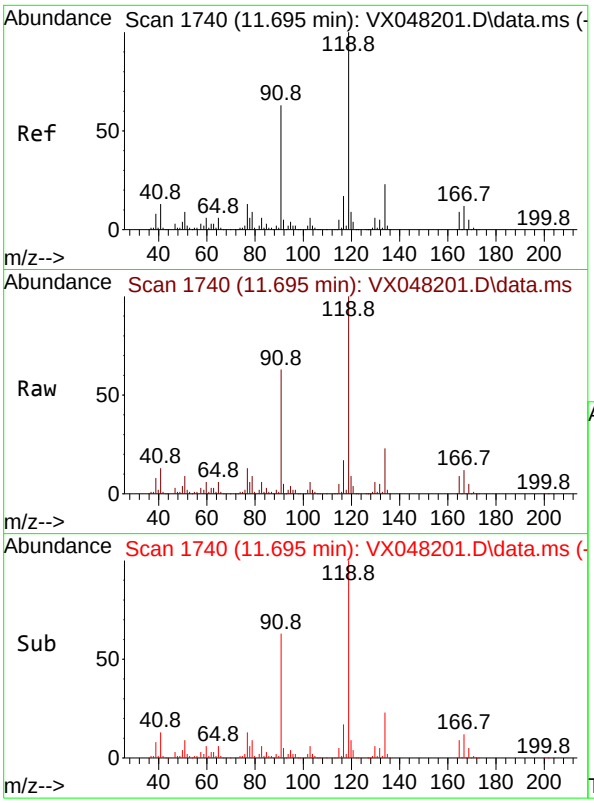


#82
4-Chlorotoluene
Concen: 52.395 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 325295

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.1	42.4

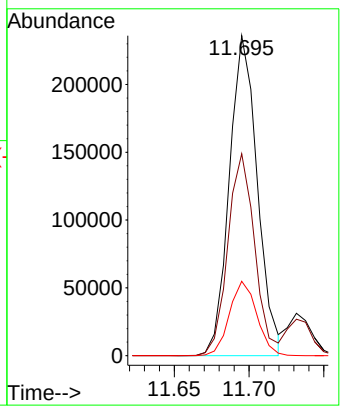




#83
tert-Butylbenzene
Concen: 51.367 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:119 Resp: 30716

Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.3	91.0
134	22.8	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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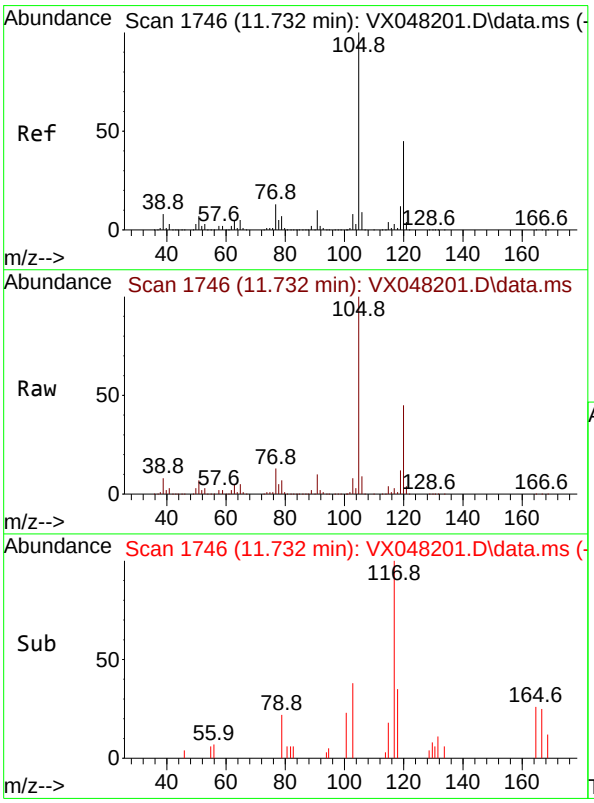
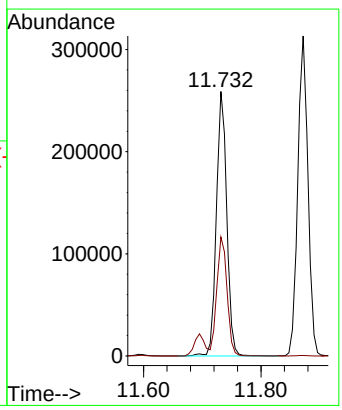
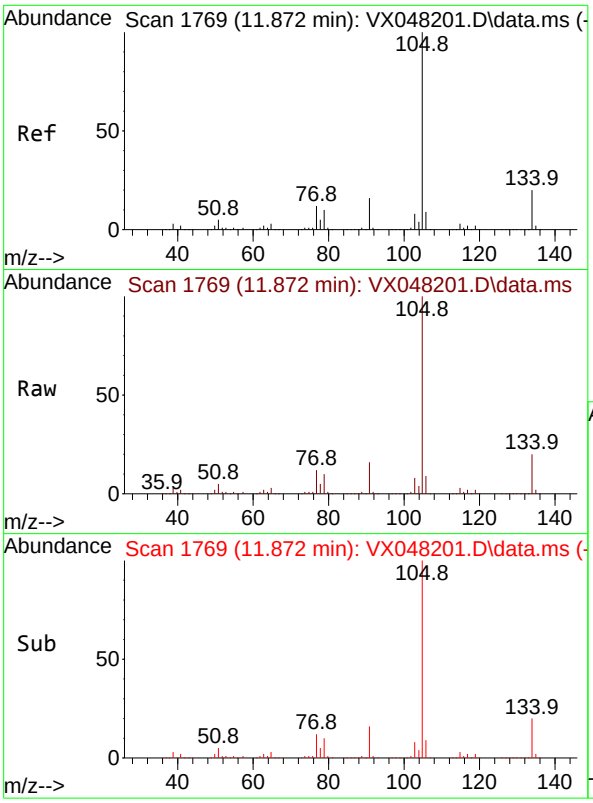


#84
1,2,4-Trimethylbenzene
Concen: 53.732 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:105 Resp: 316687

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5

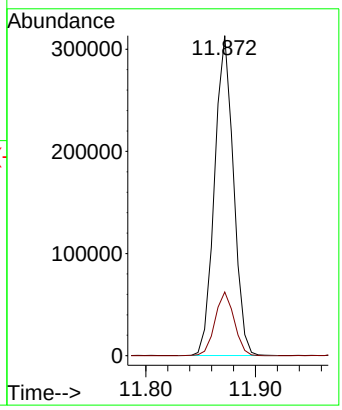




#85
sec-Butylbenzene
Concen: 51.411 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:105 Resp: 37583

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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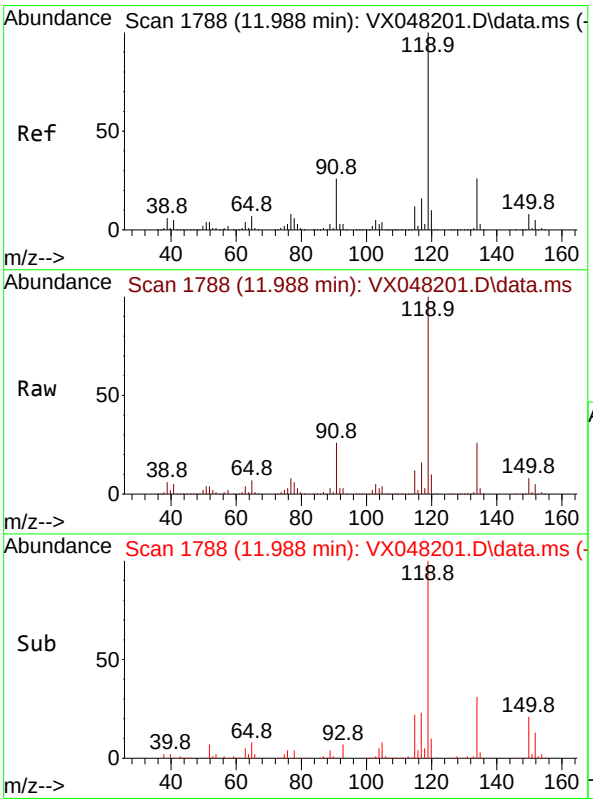
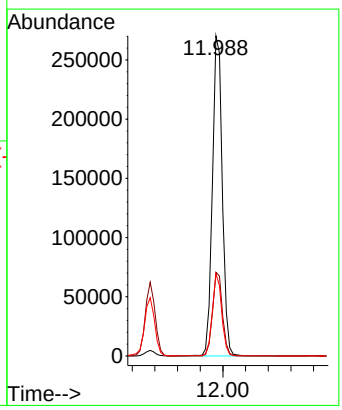
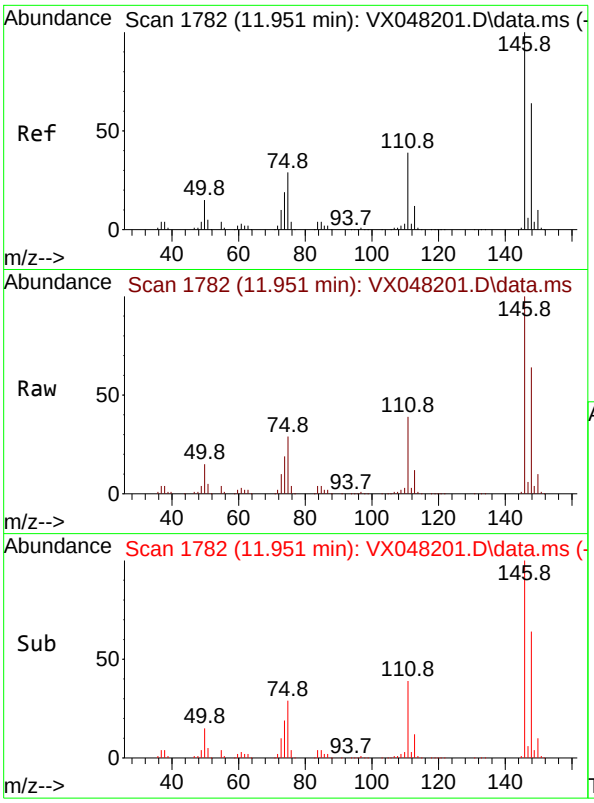


#86
p-Isopropyltoluene
Concen: 53.044 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:119 Resp: 326853

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	39.0
91	24.2	12.1	36.3

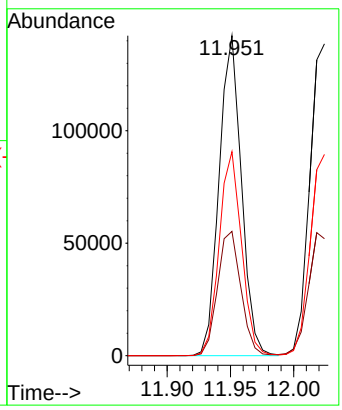




#87
1,3-Dichlorobenzene
Concen: 51.652 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:146 Resp: 17430

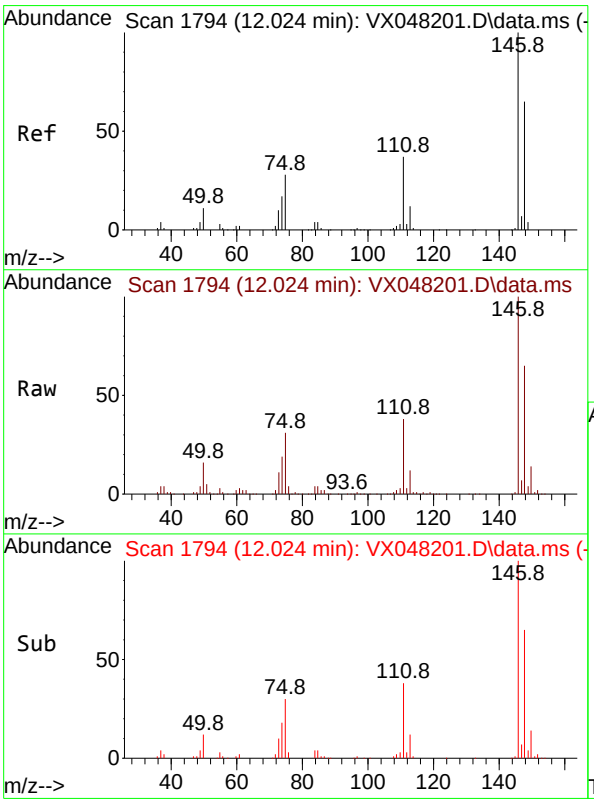
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	63.9	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

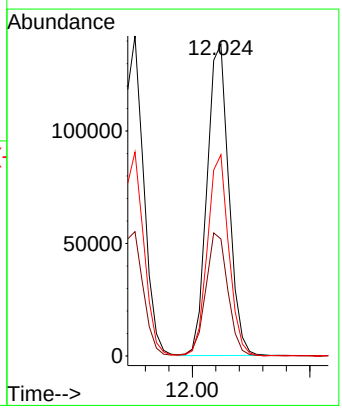
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

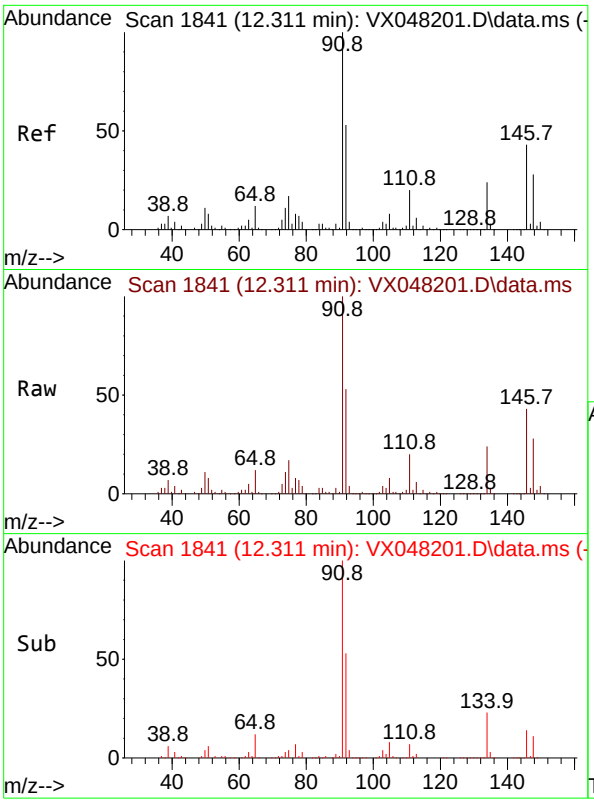


#88
1,4-Dichlorobenzene
Concen: 50.909 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:146 Resp: 178082

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	63.5	31.8	95.3

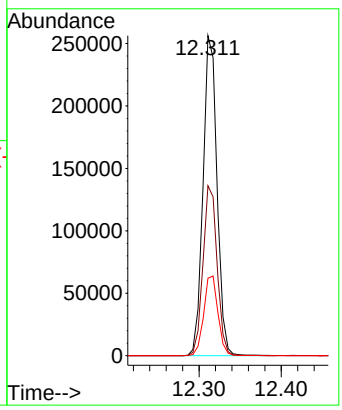




#89
n-Butylbenzene
Concen: 52.723 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 30259

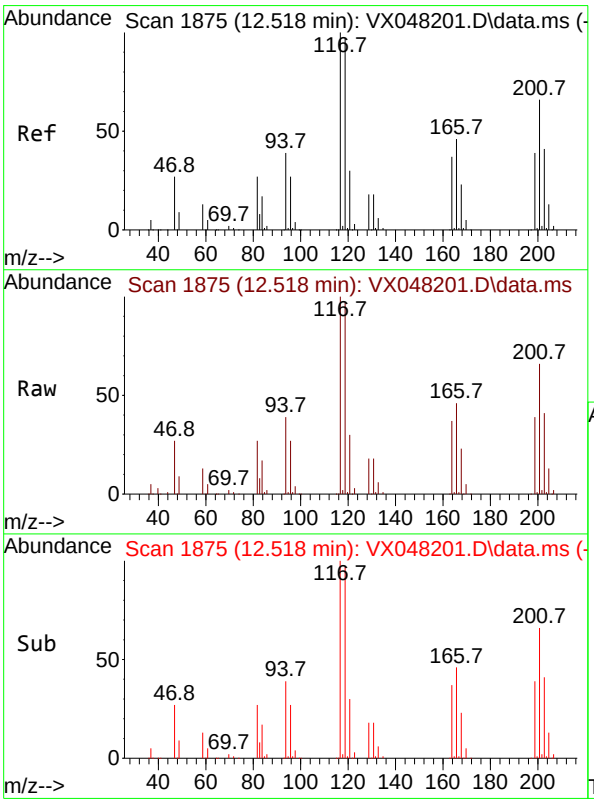
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.6
134	25.4	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

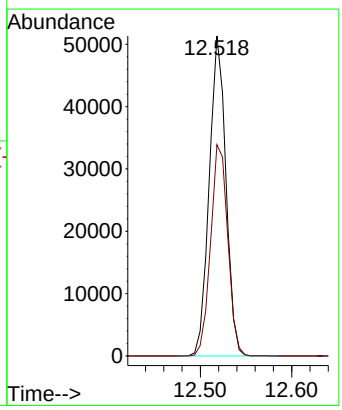
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

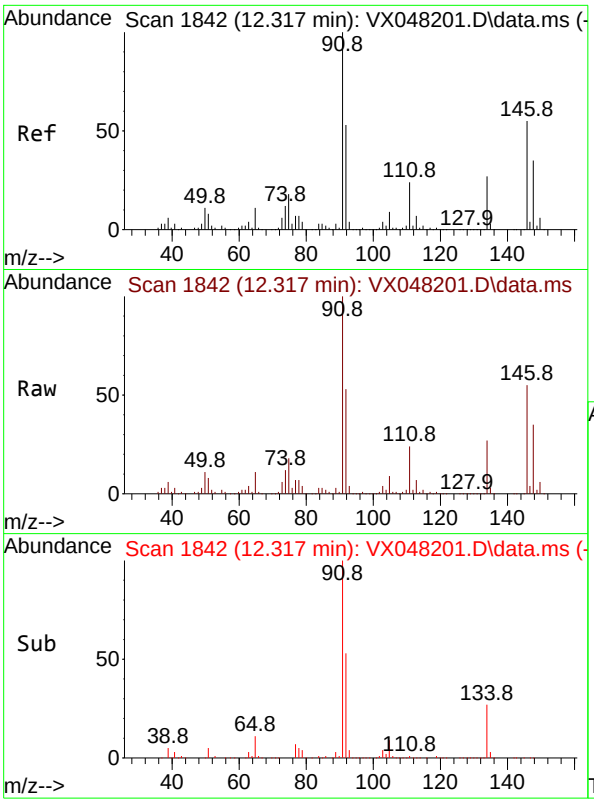


#90
Hexachloroethane
Concen: 49.815 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:117 Resp: 64788

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.1	102.2

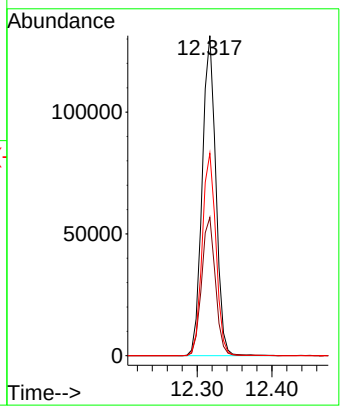




#91
1,2-Dichlorobenzene
Concen: 52.135 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:146 Resp: 16622

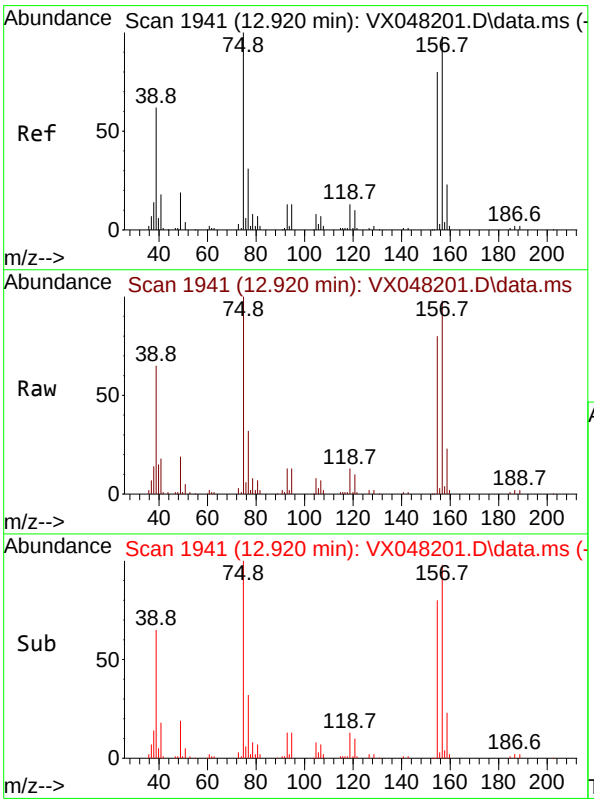
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.5
148	63.7	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

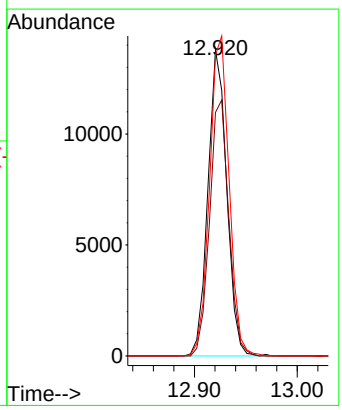
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

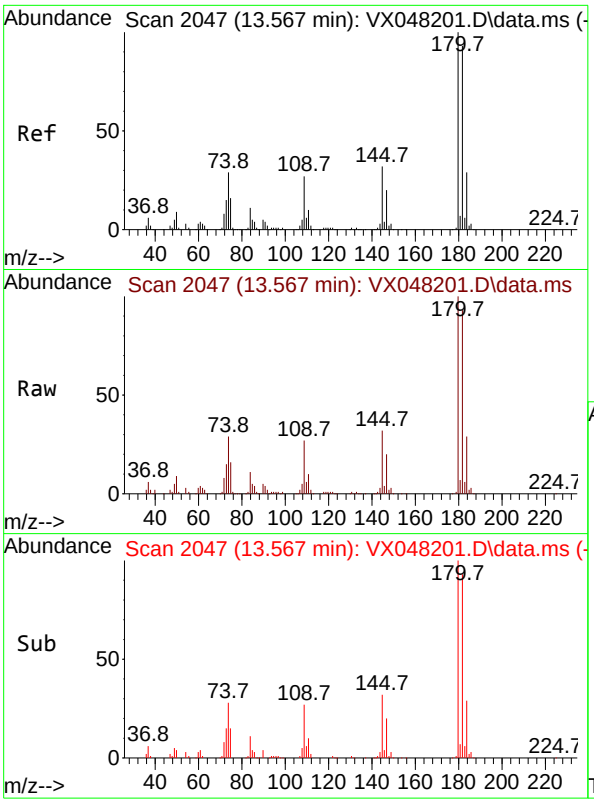


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.797 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 17468

Ion	Ratio	Lower	Upper
75	100		
155	85.6	42.8	128.4
157	108.4	54.2	162.6

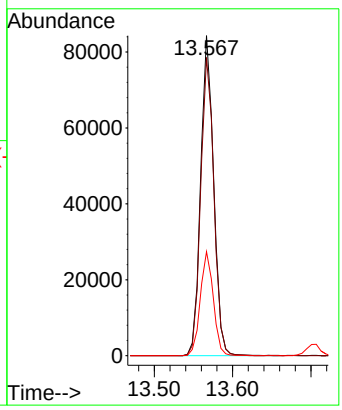




#93
1,2,4-Trichlorobenzene
Concen: 51.590 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:180 Resp: 9710

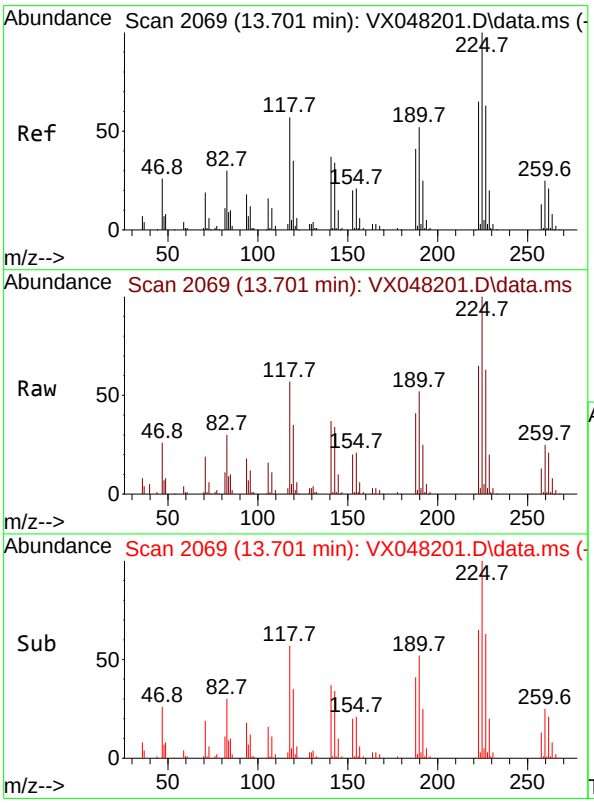
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	32.6	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

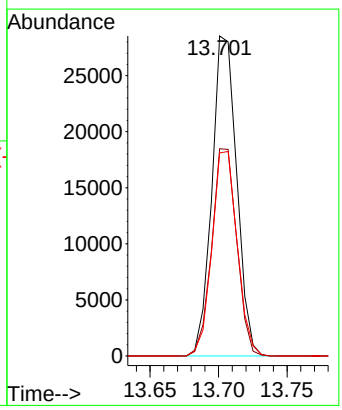
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

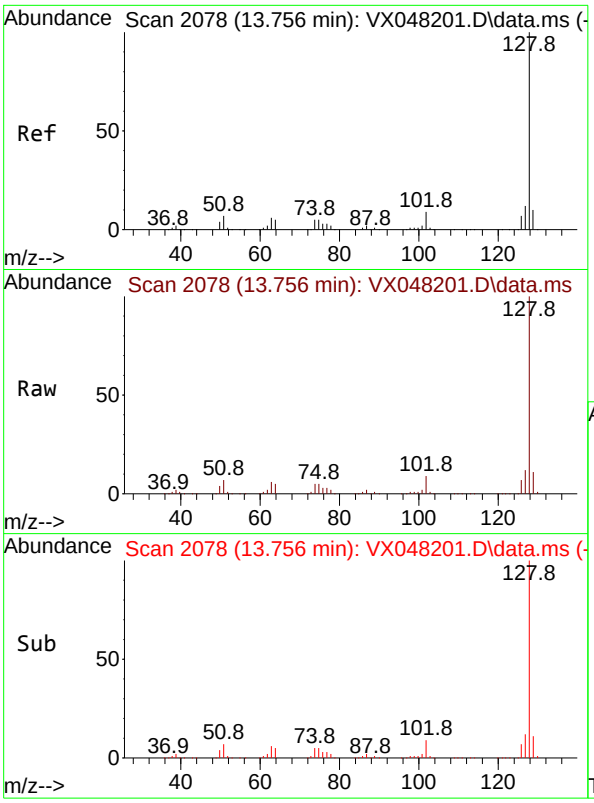


#94
Hexachlorobutadiene
Concen: 49.380 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:225 Resp: 35845

Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.6	97.7
227	64.9	32.5	97.4

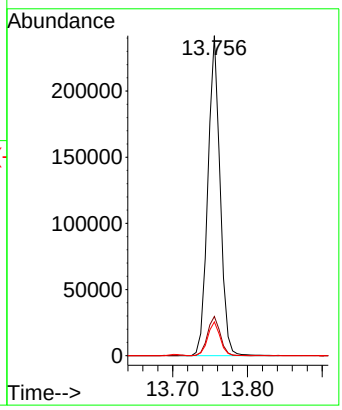




#95
Naphthalene
Concen: 55.178 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:128 Resp: 27376

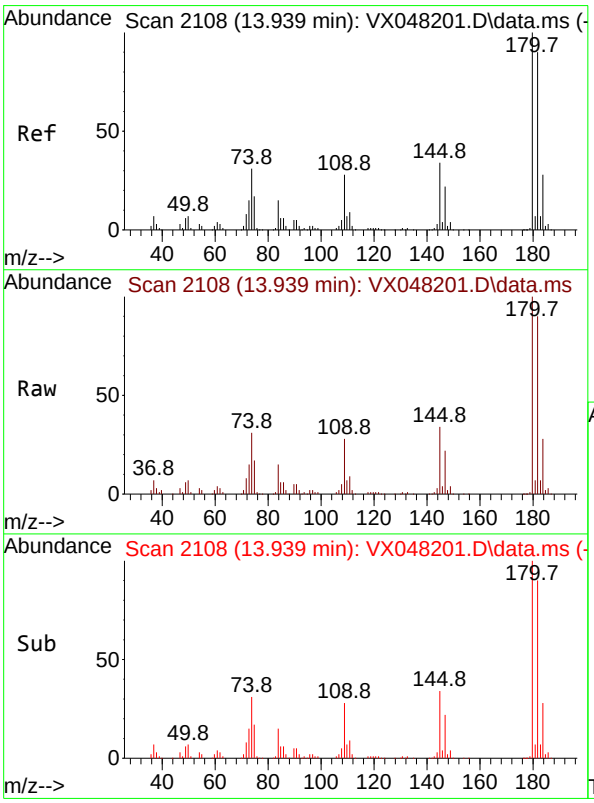
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

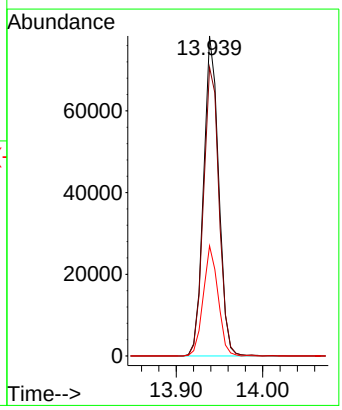
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.549 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:180 Resp: 94728

Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.7
145	33.8	16.9	50.7



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048202.D
Acq On : 17 Oct 2025 10:16
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 17 23:53:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	133656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	228136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	98372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	202002	97.557	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 195.120%#			
35) Dibromofluoromethane	5.373	113	158514	100.115	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.220%#			
50) Toluene-d8	8.635	98	558638	97.937	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 195.880%#			
62) 4-Bromofluorobenzene	11.061	95	203127	97.772	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.540%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	141233	100.679	ug/l	97
3) Chloromethane	1.301	50	170903	100.564	ug/l	100
4) Vinyl Chloride	1.380	62	184502	103.031	ug/l	100
5) Bromomethane	1.612	94	120768	103.016	ug/l	99
6) Chloroethane	1.691	64	117828	103.395	ug/l	97
7) Trichlorofluoromethane	1.892	101	283265	100.778	ug/l	99
8) Diethyl Ether	2.136	74	99852	104.147	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	158867	100.299	ug/l	100
10) Methyl Iodide	2.453	142	216949	114.353	ug/l	99
11) Tert butyl alcohol	2.947	59	70592	513.812	ug/l	99
12) 1,1-Dichloroethene	2.325	96	159979	103.294	ug/l	97
13) Acrolein	2.233	56	143832	498.142	ug/l	99
14) Allyl chloride	2.666	41	290914	104.422	ug/l	99
15) Acrylonitrile	3.056	53	364153	553.138	ug/l	100
16) Acetone	2.374	43	338972	479.896	ug/l	99
17) Carbon Disulfide	2.514	76	480406	100.815	ug/l	100
18) Methyl Acetate	2.697	43	150315	104.482	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	503763	107.982	ug/l	100
20) Methylene Chloride	2.788	84	175942	102.249	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	169748	105.942	ug/l	99
22) Diisopropyl ether	3.751	45	580065	106.333	ug/l	99
23) Vinyl Acetate	3.715	43	2254577	552.727	ug/l	100
24) 1,1-Dichloroethane	3.605	63	316968	102.418	ug/l	99
25) 2-Butanone	4.538	43	431769	524.679	ug/l	100
26) 2,2-Dichloropropane	4.471	77	266691	100.816	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	199554	104.941	ug/l	99
28) Bromochloromethane	4.891	49	153564	107.645	ug/l	99
29) Tetrahydrofuran	4.983	42	261331	540.759	ug/l	100
30) Chloroform	5.080	83	321430	98.649	ug/l	97
31) Cyclohexane	5.458	56	266665	105.304	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	281604	105.187	ug/l	98
36) 1,1-Dichloropropene	5.678	75	220854	99.018	ug/l	99
37) Ethyl Acetate	4.696	43	188919	105.984	ug/l	98
38) Carbon Tetrachloride	5.666	117	246511	96.288	ug/l	97
39) Methylcyclohexane	7.367	83	263474	104.768	ug/l	97
40) Benzene	6.025	78	676625	102.163	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048202.D
Acq On : 17 Oct 2025 10:16
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 17 23:53:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.904	41	101831	106.668 ug/l		99
42) 1,2-Dichloroethane	6.074	62	228400	96.255 ug/l		98
43) Isopropyl Acetate	6.324	43	320463	107.098 ug/l		97
44) Trichloroethene	7.111	130	172256	103.199 ug/l		97
45) 1,2-Dichloropropane	7.415	63	169795	101.299 ug/l		99
46) Dibromomethane	7.568	93	120808	100.170 ug/l		100
47) Bromodichloromethane	7.806	83	262522	100.714 ug/l		98
48) Methyl methacrylate	7.678	41	163691	106.866 ug/l		99
49) 1,4-Dioxane	7.647	88	30472	2210.027 ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	890841	535.021 ug/l		98
52) Toluene	8.702	92	411490	103.371 ug/l		100
53) t-1,3-Dichloropropene	8.964	75	261252	106.986 ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	282702	106.213 ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	150855	101.567 ug/l		99
56) Ethyl methacrylate	9.098	69	229045	113.382 ug/l		100
57) 1,3-Dichloropropane	9.293	76	263100	101.389 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	649675	506.414 ug/l		100
59) 2-Hexanone	9.415	43	622653	534.621 ug/l		99
60) Dibromochloromethane	9.507	129	191498	103.006 ug/l		100
61) 1,2-Dibromoethane	9.592	107	157062	103.129 ug/l		97
64) Tetrachloroethene	9.257	164	138367	97.393 ug/l		99
65) Chlorobenzene	10.061	112	451146	101.832 ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	159981	100.207 ug/l		99
67) Ethyl Benzene	10.177	91	797886	105.049 ug/l		100
68) m/p-Xylenes	10.287	106	593973	209.915 ug/l		99
69) o-Xylene	10.622	106	285253	107.091 ug/l		99
70) Styrene	10.640	104	499350	108.910 ug/l		99
71) Bromoform	10.781	173	118639	101.196 ug/l	#	99
73) Isopropylbenzene	10.945	105	732207	107.015 ug/l		100
74) N-amyl acetate	10.823	43	286532	112.256 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	195059	100.632 ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	154776m	103.035 ug/l		
77) Bromobenzene	11.183	156	176327	102.983 ug/l		98
78) n-propylbenzene	11.287	91	877504	105.759 ug/l		100
79) 2-Chlorotoluene	11.348	91	514544	102.644 ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	605302	107.776 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	68698	111.982 ug/l		98
82) 4-Chlorotoluene	11.439	91	616367	104.628 ug/l		99
83) tert-Butylbenzene	11.695	119	603179	106.306 ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	605612	108.291 ug/l		100
85) sec-Butylbenzene	11.872	105	729402	105.153 ug/l		99
86) p-Isopropyltoluene	11.994	119	615443	105.260 ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	326678	102.022 ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	327189	98.575 ug/l		99
89) n-Butylbenzene	12.317	91	573374	105.286 ug/l		100
90) Hexachloroethane	12.518	117	120982	98.034 ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	308559	101.993 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	37798	106.717 ug/l		94
93) 1,2,4-Trichlorobenzene	13.567	180	192219	107.629 ug/l		100
94) Hexachlorobutadiene	13.707	225	66266	96.208 ug/l		99
95) Naphthalene	13.756	128	555687	118.037 ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	179498	108.933 ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048202.D
Acq On : 17 Oct 2025 10:16
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Quant Time: Oct 17 23:53:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

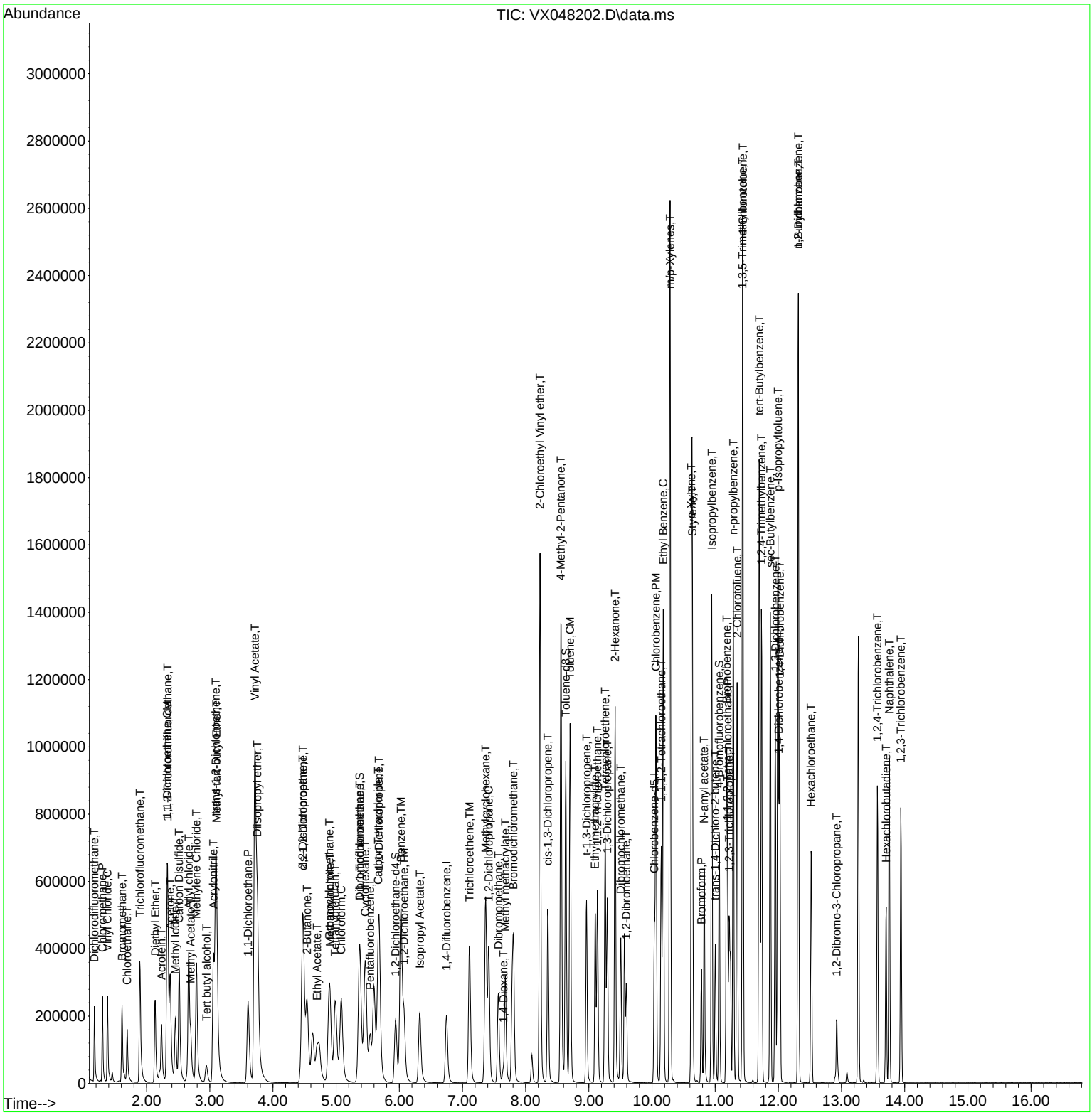
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048202.D
Acq On : 17 Oct 2025 10:16
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

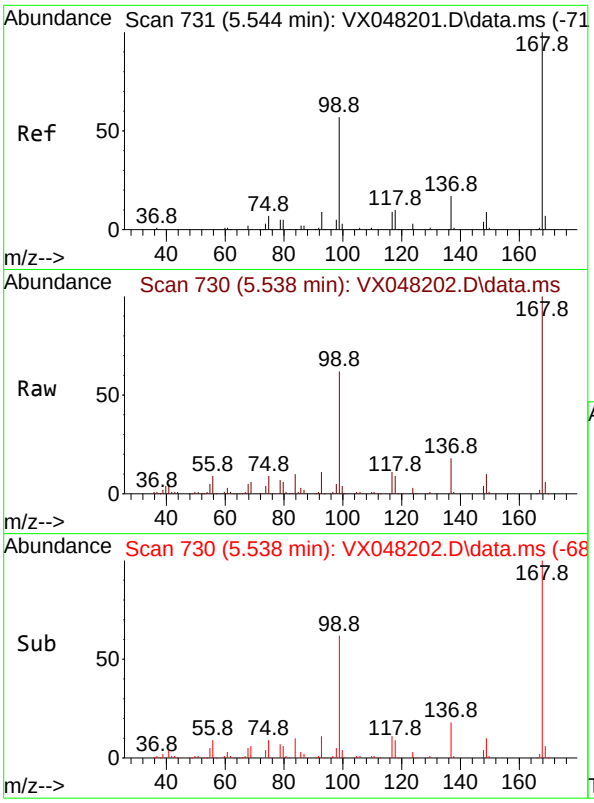
Quant Time: Oct 17 23:53:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

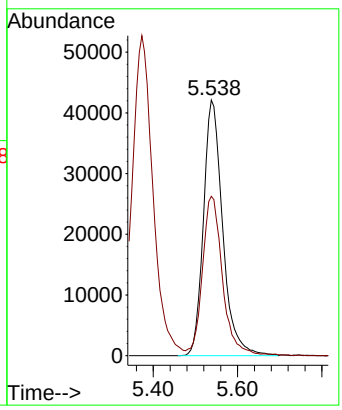




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:168 Resp: 13365

Ion	Ratio	Lower	Upper
168	100		
99	62.0	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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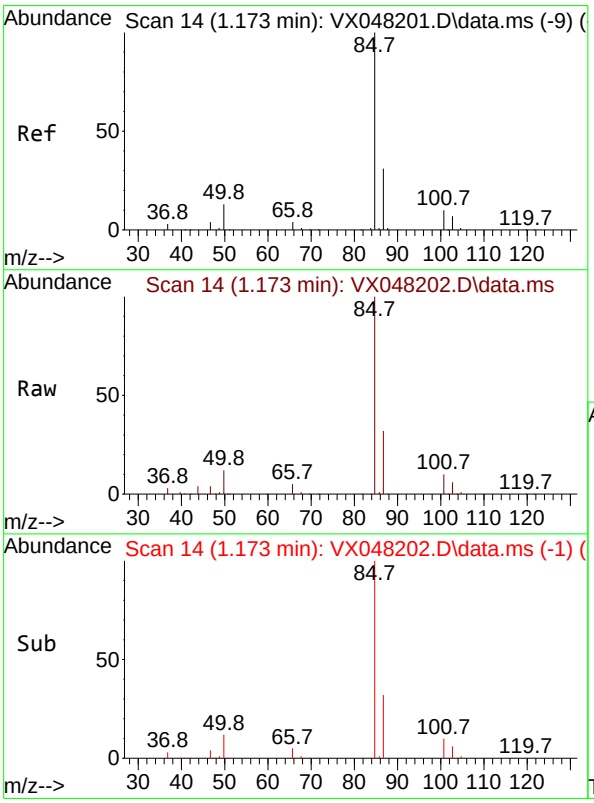
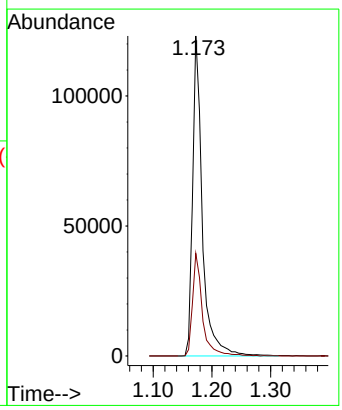
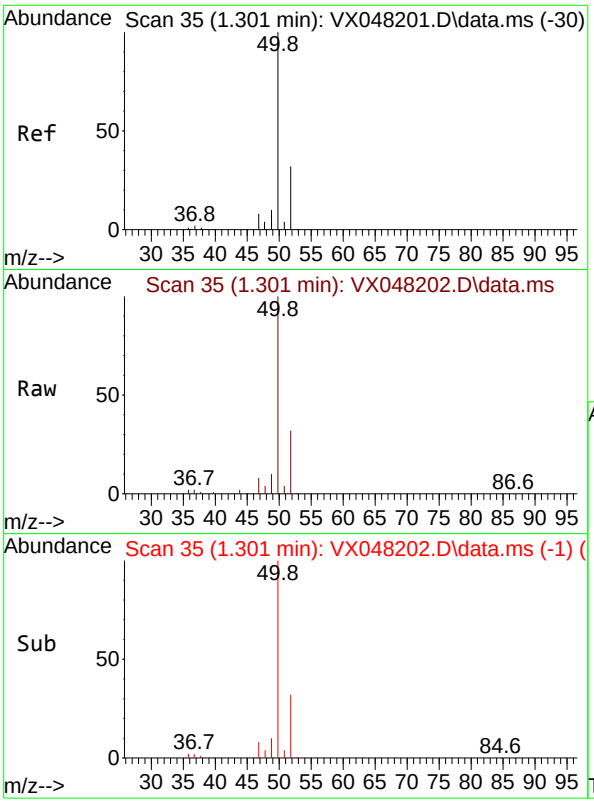


#2
Dichlorodifluoromethane
Concen: 100.679 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 85 Resp: 141233

Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.3	45.9

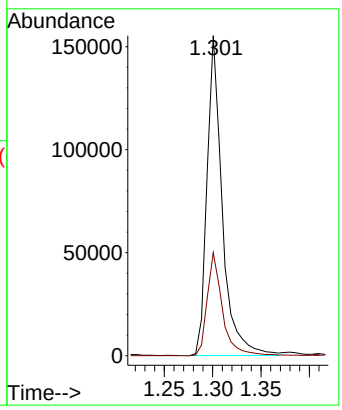




#3
Chloromethane
Concen: 100.564 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 50 Resp: 17090

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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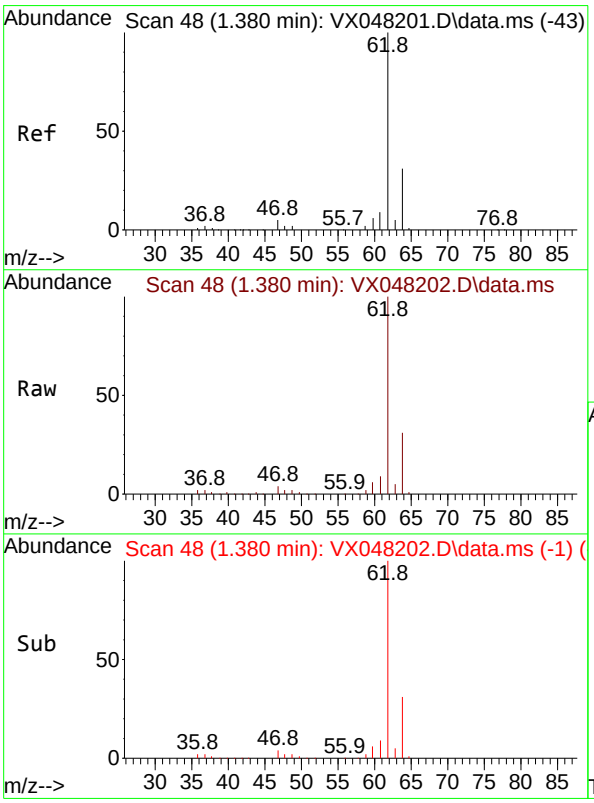
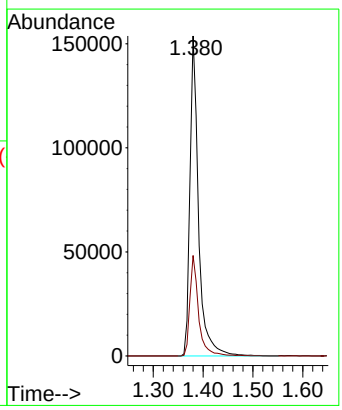
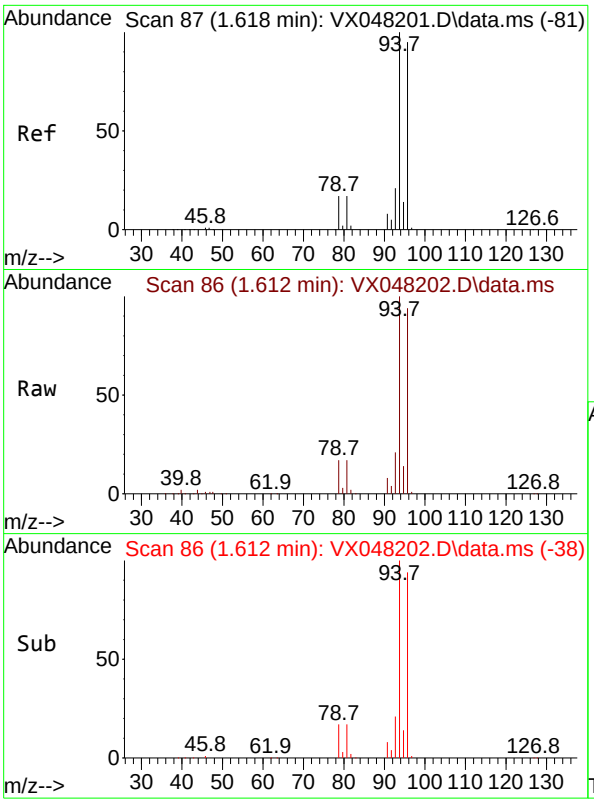


#4
Vinyl Chloride
Concen: 103.031 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 62 Resp: 184502

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.1	37.7

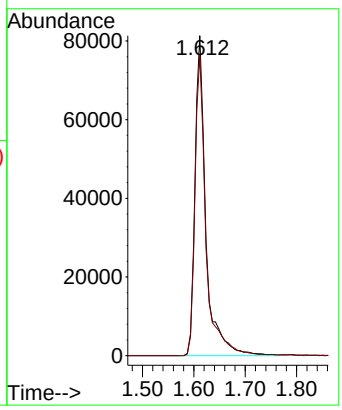




#5
Bromomethane
Concen: 103.016 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 94 Resp: 12076

Ion	Ratio	Lower	Upper
94	100		
96	93.9	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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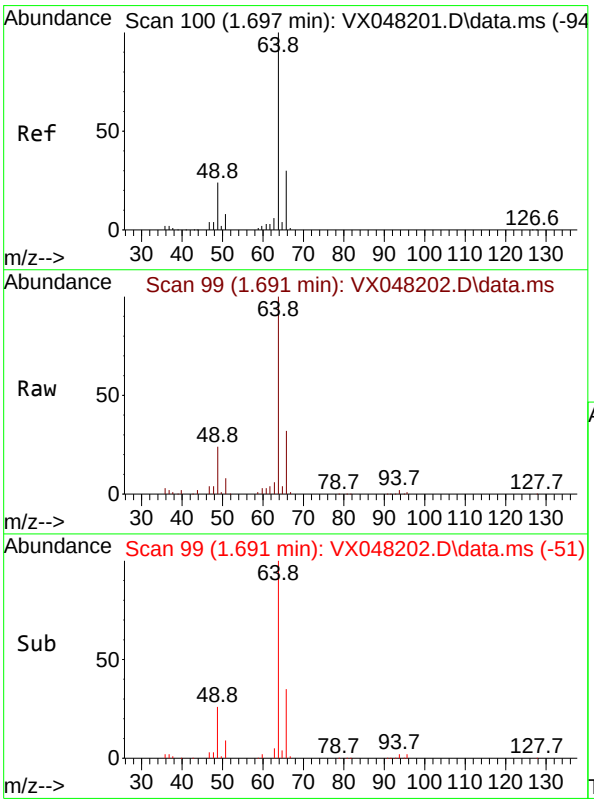
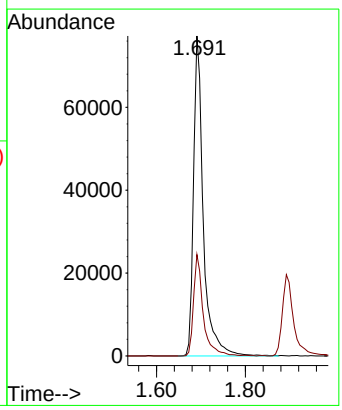
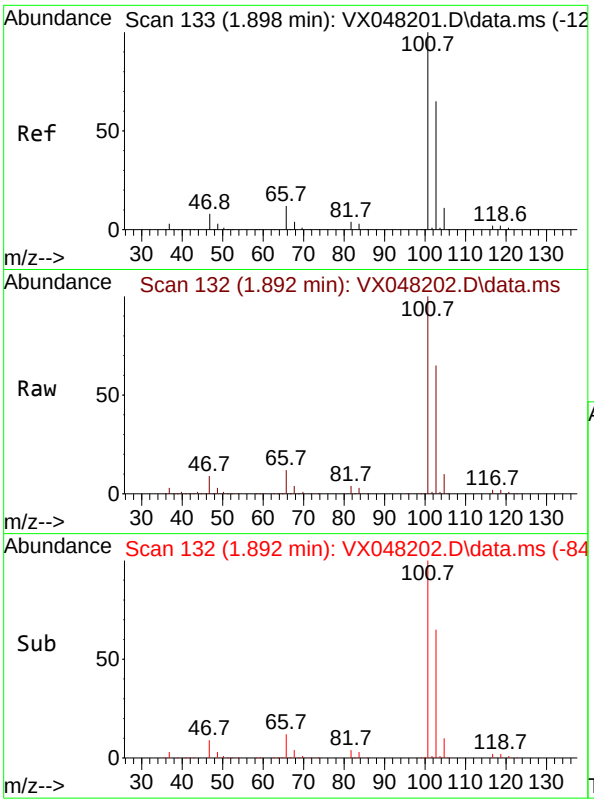


#6
Chloroethane
Concen: 103.395 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 64 Resp: 117828

Ion	Ratio	Lower	Upper
64	100		
66	31.7	23.9	35.9

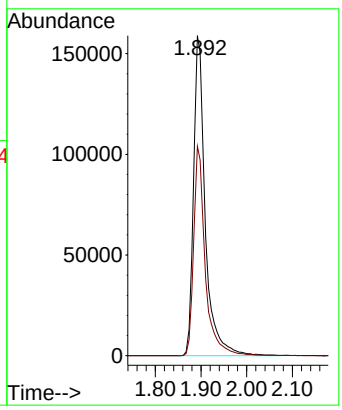




#7
Trichlorofluoromethane
Concen: 100.778 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:101 Resp: 28326

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.6	77.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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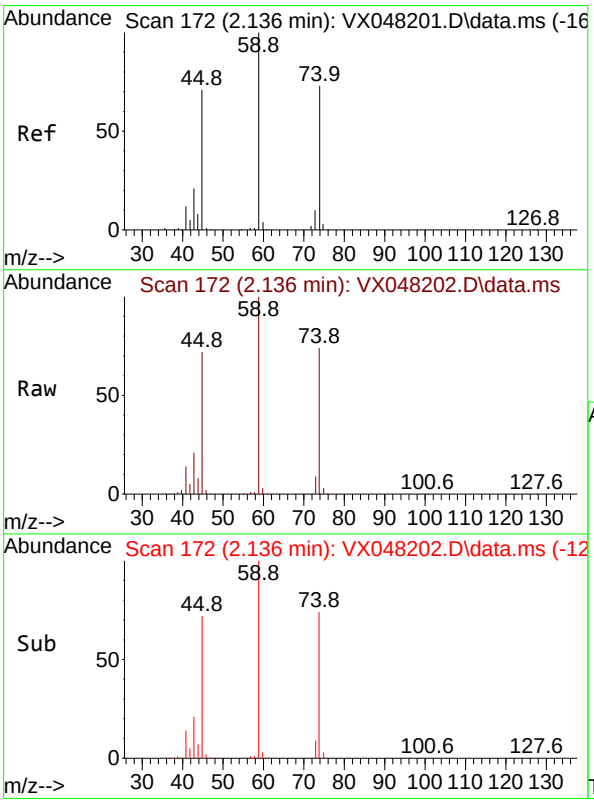
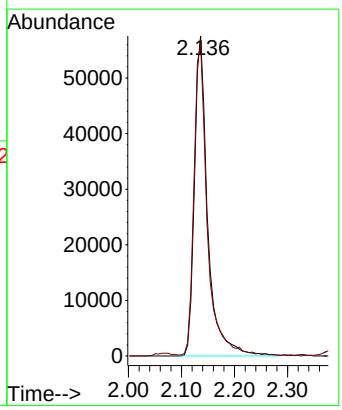
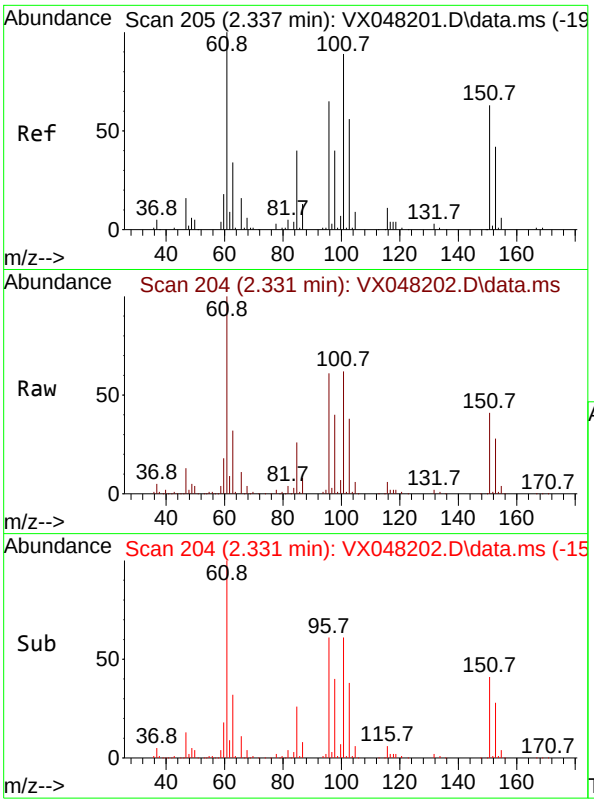


#8
Diethyl Ether
Concen: 104.147 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 74 Resp: 99852

Ion	Ratio	Lower	Upper
74	100		
45	98.3	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.299 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:101 Resp: 15886

Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.6	53.4
151	72.2	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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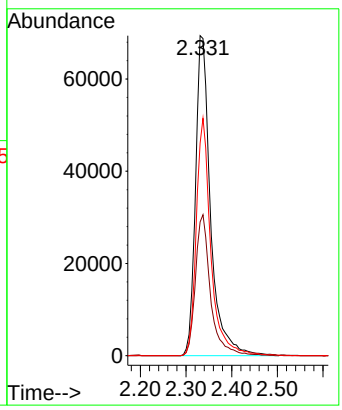
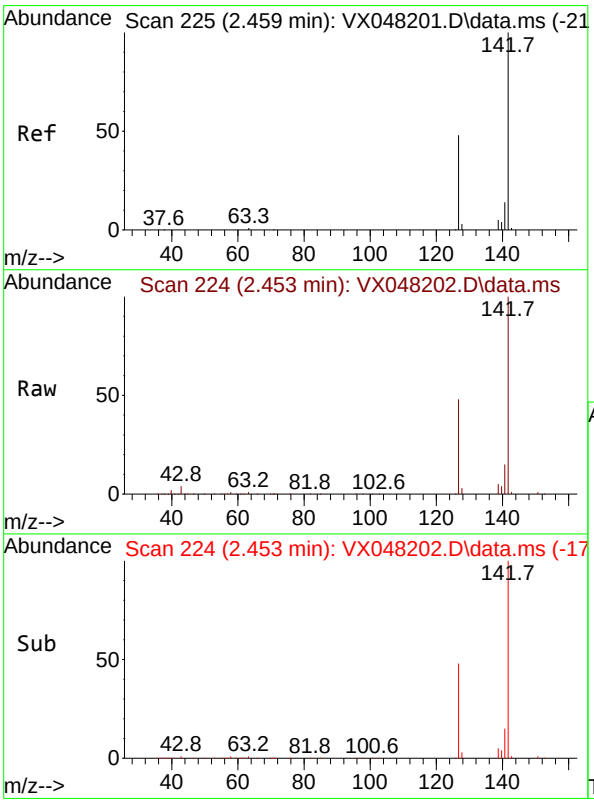
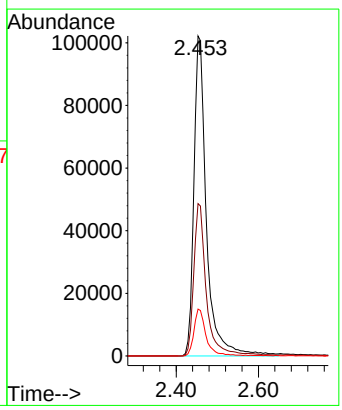


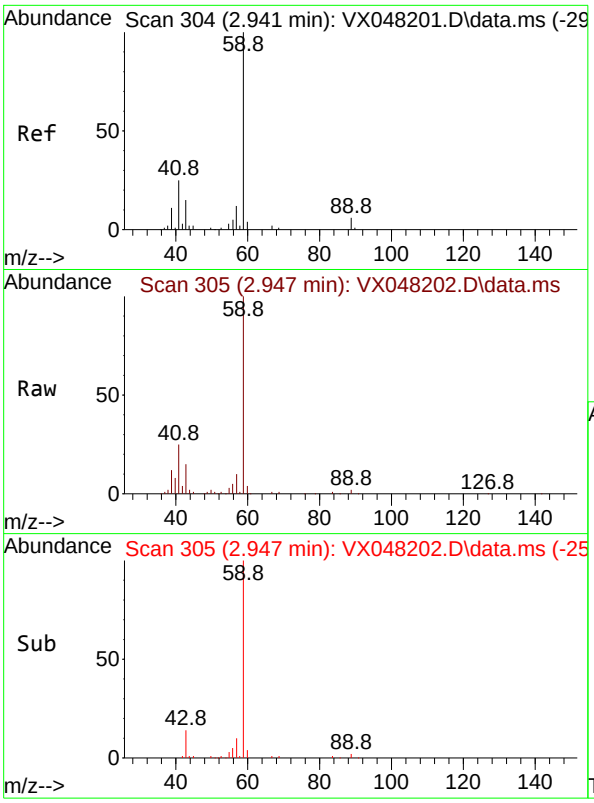


#10
Methyl Iodide
Concen: 114.353 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:142 Resp: 216949

Ion	Ratio	Lower	Upper
142	100		
127	47.8	38.5	57.7
141	14.1	11.6	17.4

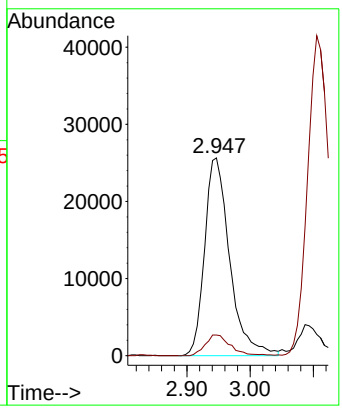




#11
Tert butyl alcohol
Concen: 513.812 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 59 Resp: 7059

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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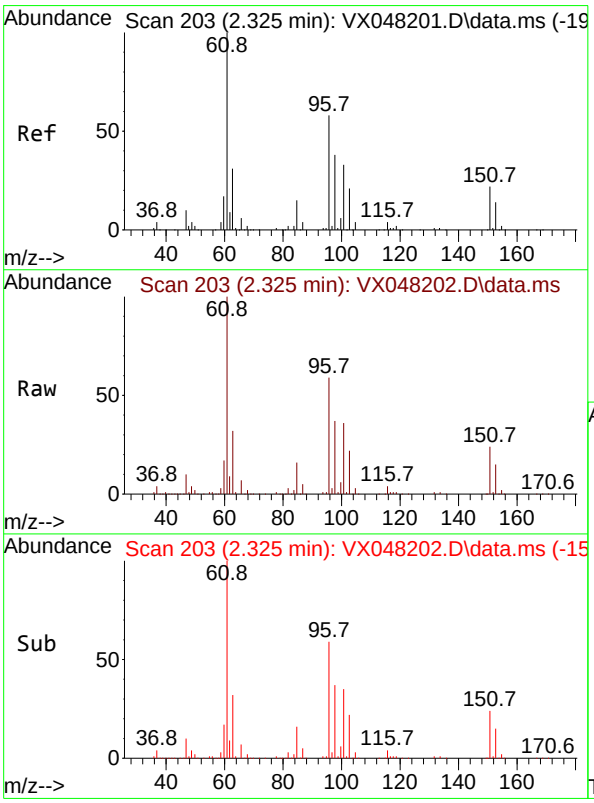
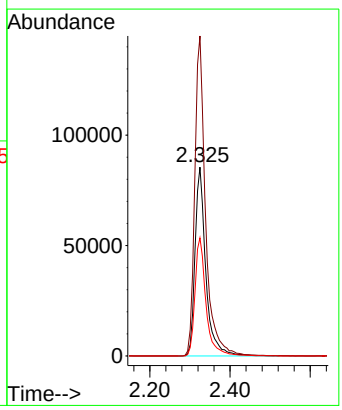
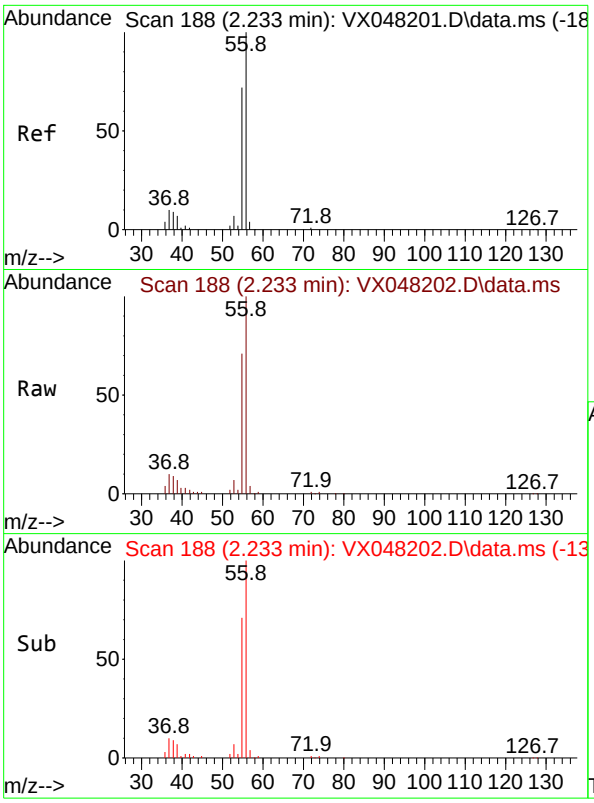


#12
1,1-Dichloroethene
Concen: 103.294 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 96 Resp: 159979

Ion	Ratio	Lower	Upper
96	100		
61	169.5	139.0	208.6
98	62.5	52.4	78.6

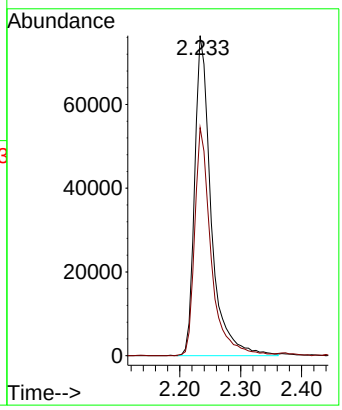




#13
Acrolein
Concen: 498.142 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 56 Resp: 14383

Ion	Ratio	Lower	Upper
56	100		
55	70.9	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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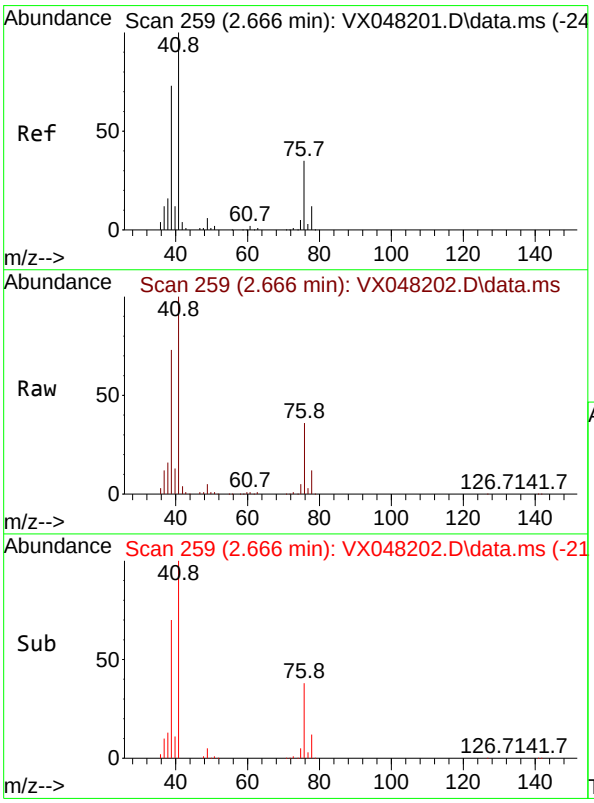
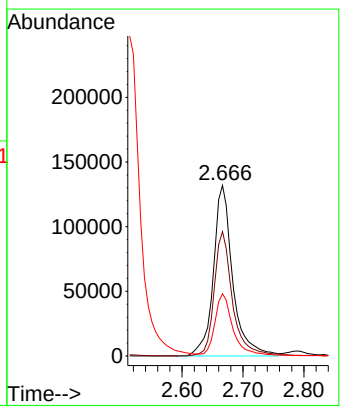
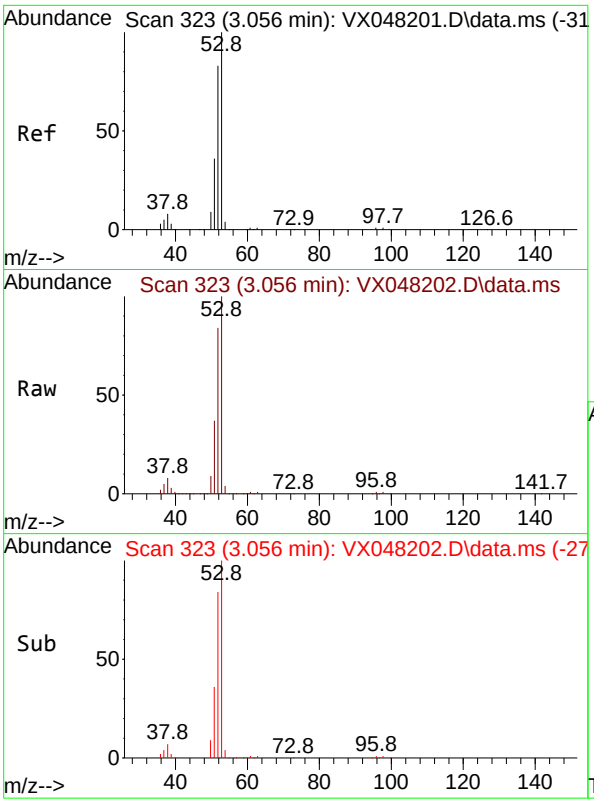


#14
Allyl chloride
Concen: 104.422 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 41 Resp: 290914

Ion	Ratio	Lower	Upper
41	100		
39	69.3	56.0	84.0
76	33.9	27.5	41.3





#15
Acrylonitrile
Concen: 553.138 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 53 Resp: 36415

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.1	99.1
51	36.3	29.0	43.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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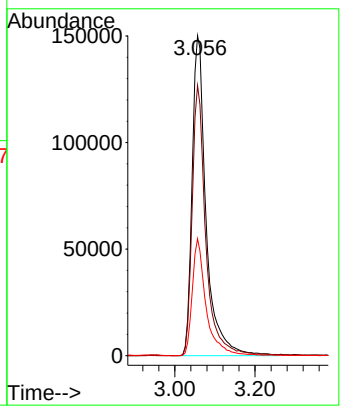
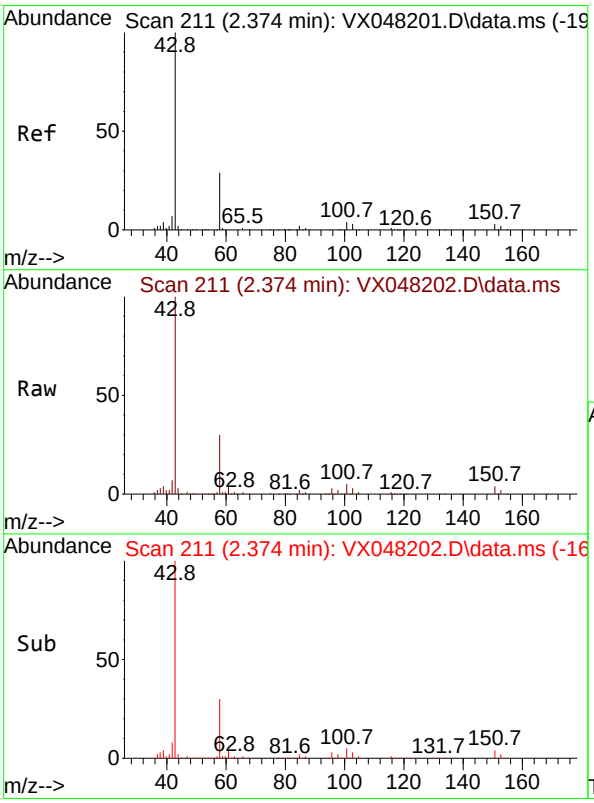
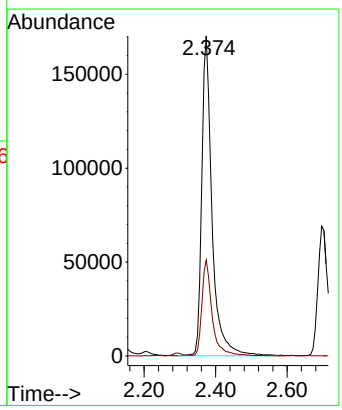


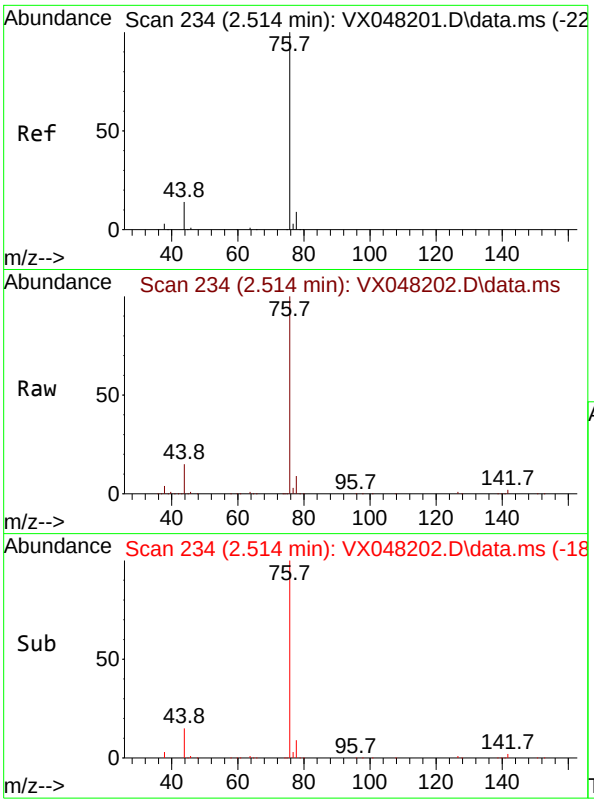


#16
Acetone
Concen: 479.896 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 338972

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.2

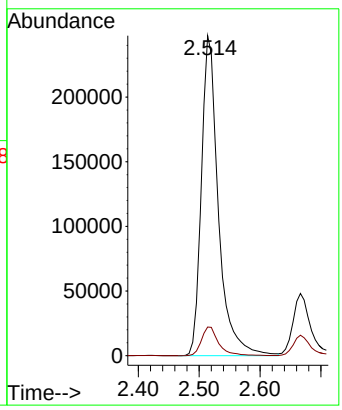




#17
Carbon Disulfide
Concen: 100.815 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 76 Resp: 48040

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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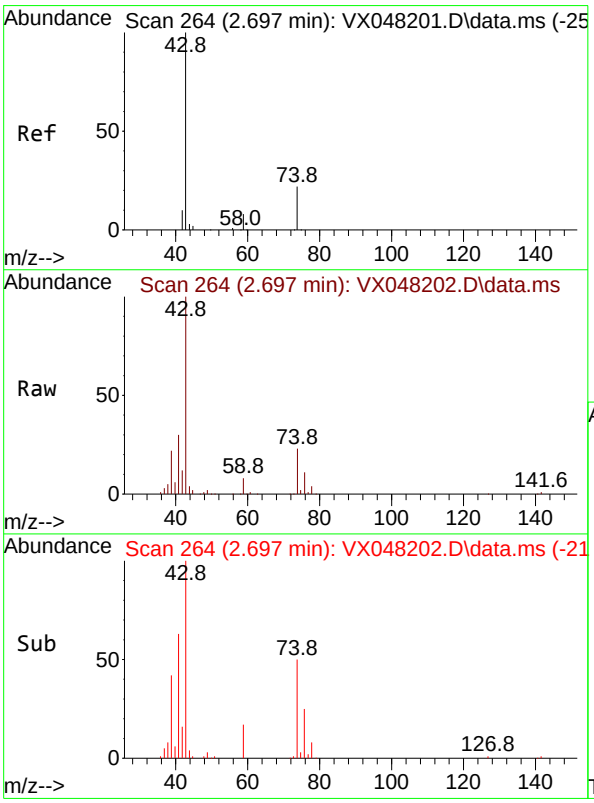
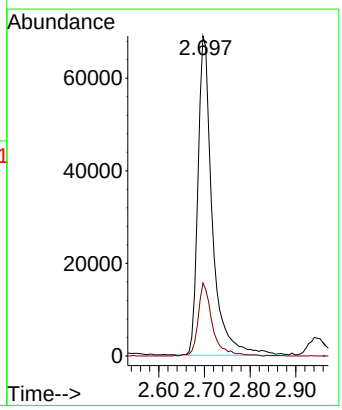
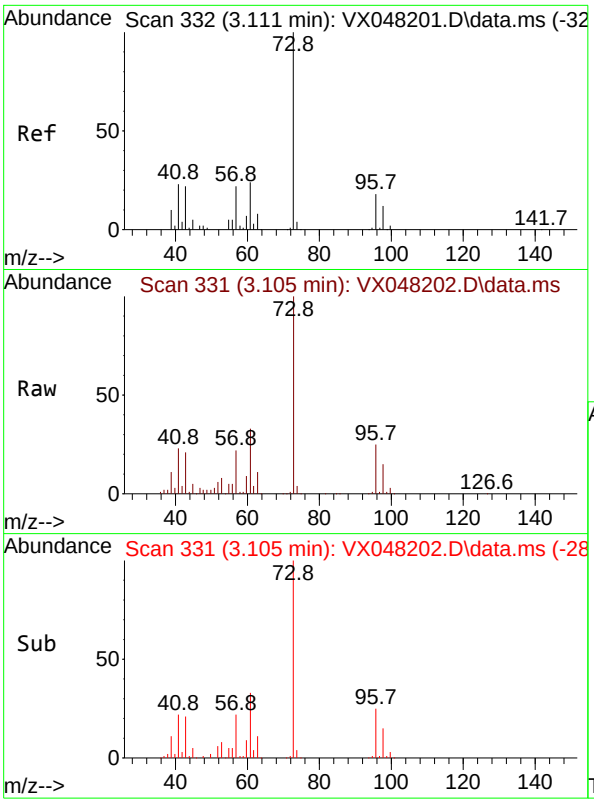


#18
Methyl Acetate
Concen: 104.482 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 150315

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.5	26.3

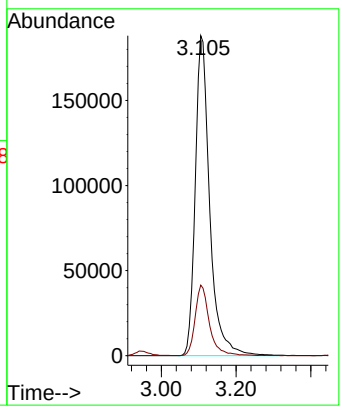




#19
Methyl tert-butyl Ether
Concen: 107.982 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 73 Resp: 50376

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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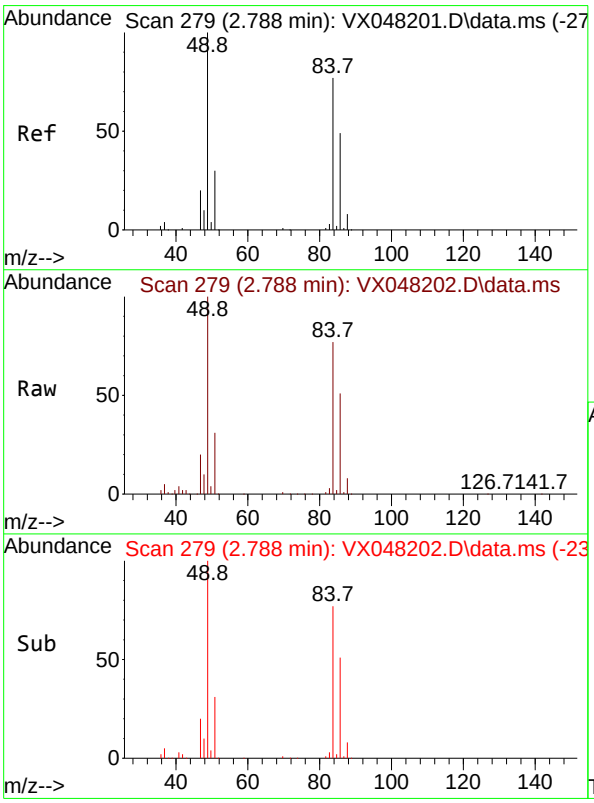
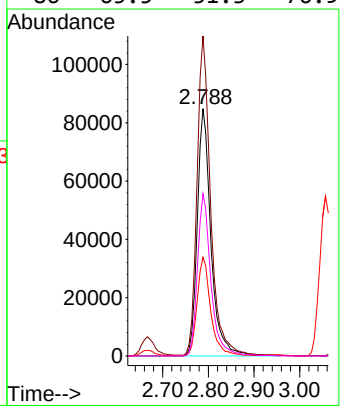
Supervised By :Mahesh Dadoda 10/20/2025

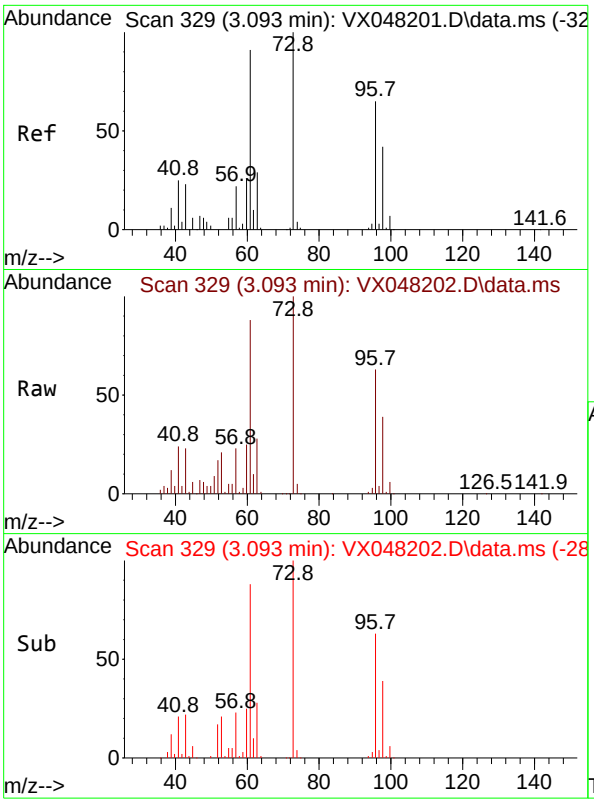


#20
Methylene Chloride
Concen: 102.249 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 84 Resp: 175942

Ion	Ratio	Lower	Upper
84	100		
49	129.1	104.1	156.1
51	39.8	31.3	46.9
86	65.5	51.3	76.9

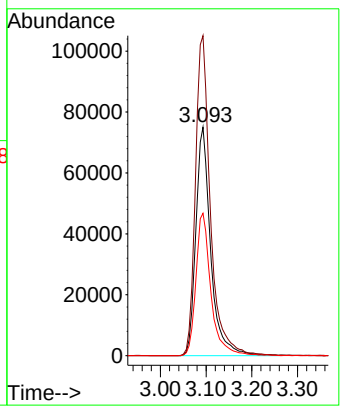




#21
trans-1,2-Dichloroethene
Concen: 105.942 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 96 Resp: 16974

Ion	Ratio	Lower	Upper
96	100		
61	140.1	111.9	167.9
98	62.3	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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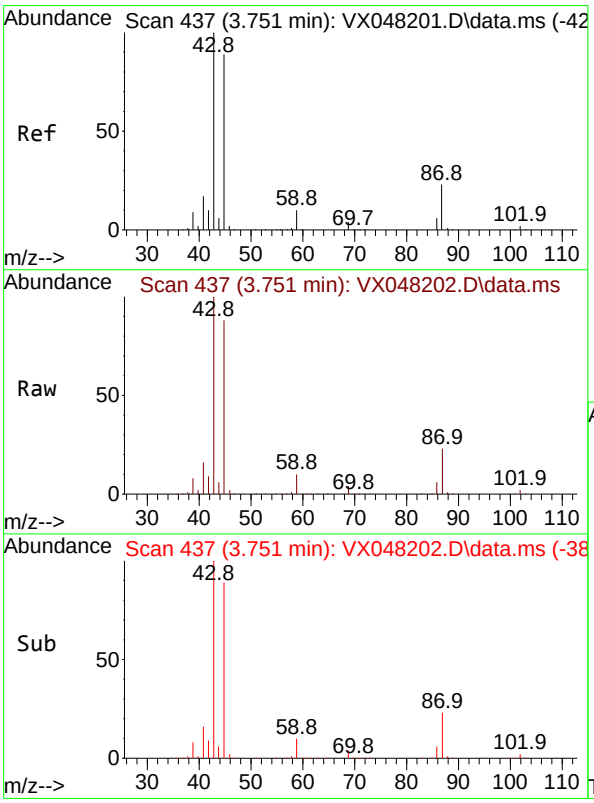
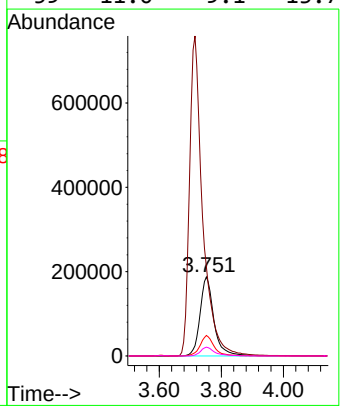
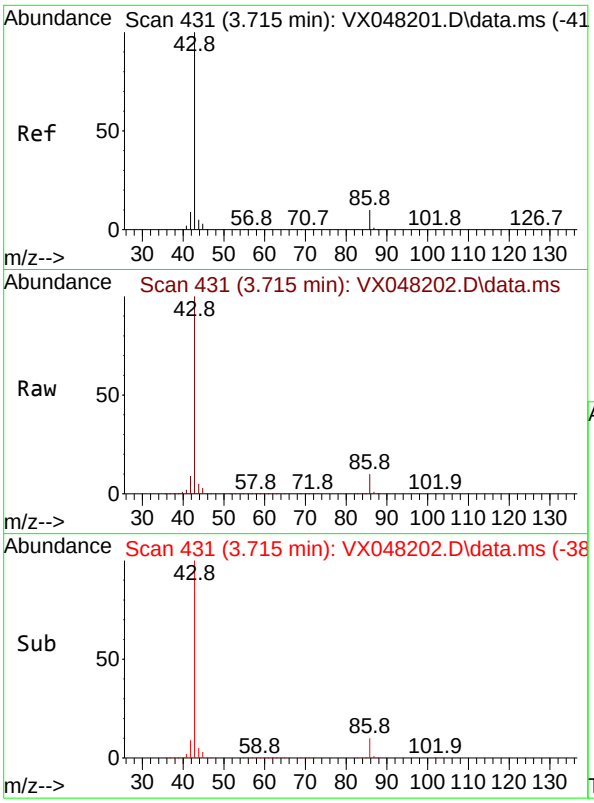


#22
Diisopropyl ether
Concen: 106.333 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 45 Resp: 580065

Ion	Ratio	Lower	Upper
45	100		
43	112.9	89.8	134.8
87	25.8	20.6	31.0
59	11.0	9.1	13.7

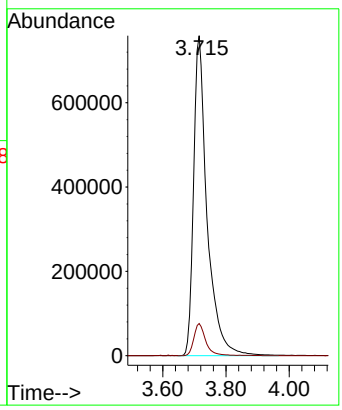




#23
Vinyl Acetate
Concen: 552.727 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 225457

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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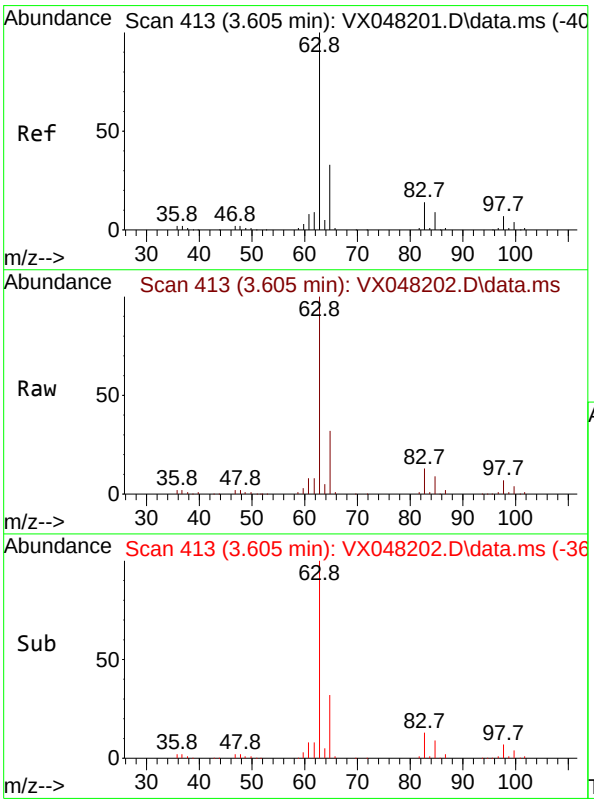
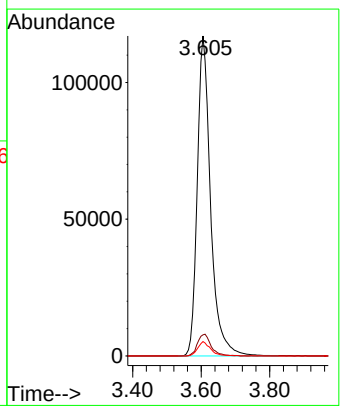
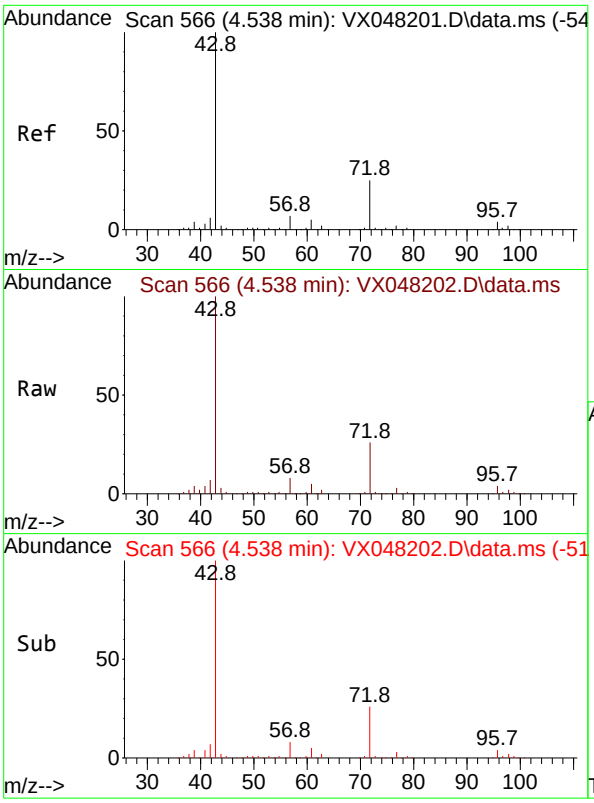


#24
1,1-Dichloroethane
Concen: 102.418 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 63 Resp: 316968

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.5	10.6
100	4.5	2.1	6.3

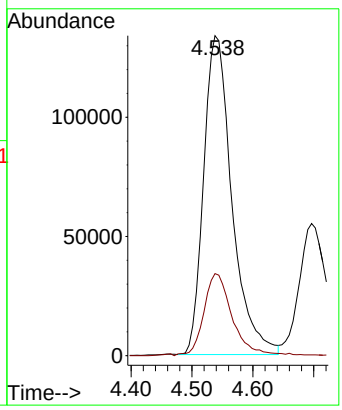




#25
2-Butanone
Concen: 524.679 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 43176

Ion	Ratio	Lower	Upper
43	100		
72	25.0	19.9	29.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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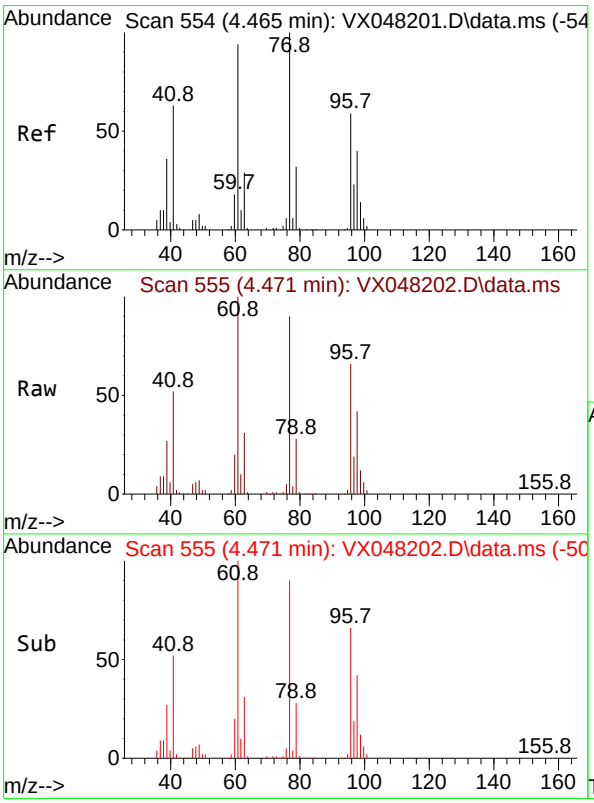
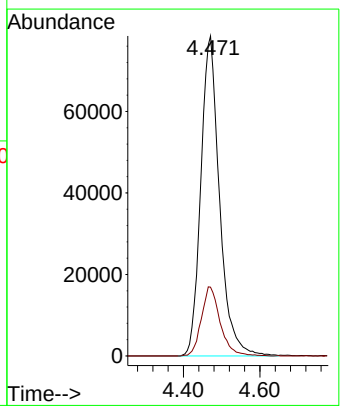
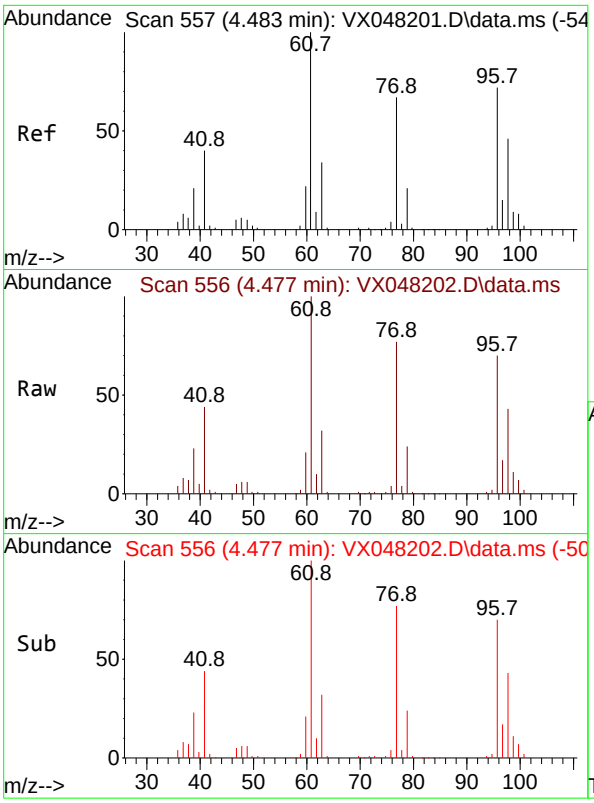


#26
2,2-Dichloropropane
Concen: 100.816 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 77 Resp: 266691

Ion	Ratio	Lower	Upper
77	100		
97	21.8	11.1	33.3

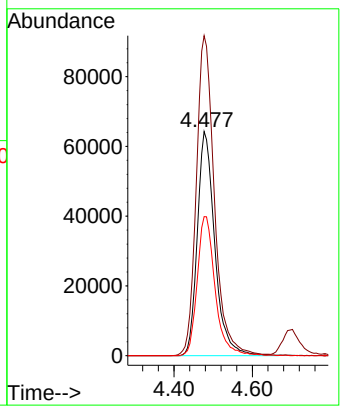




#27
cis-1,2-Dichloroethene
Concen: 104.941 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 96 Resp: 19955

Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	294.2
98	63.5	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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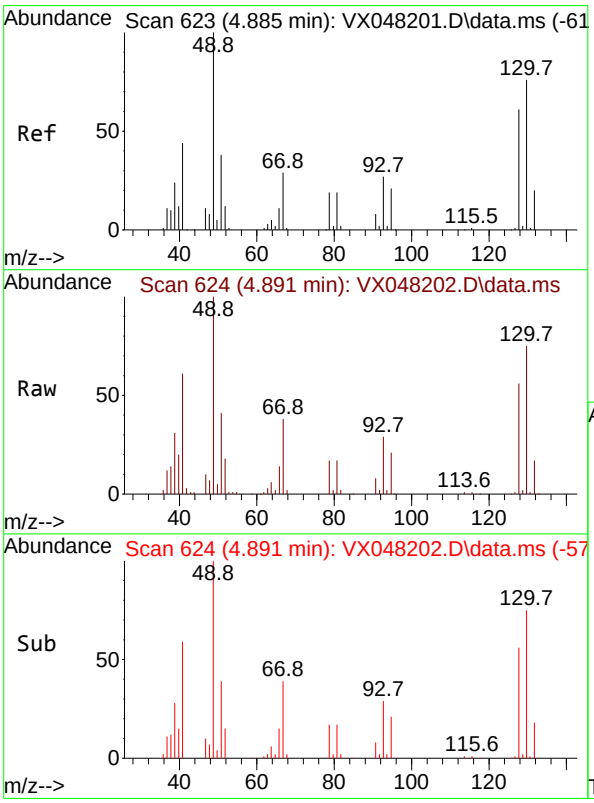
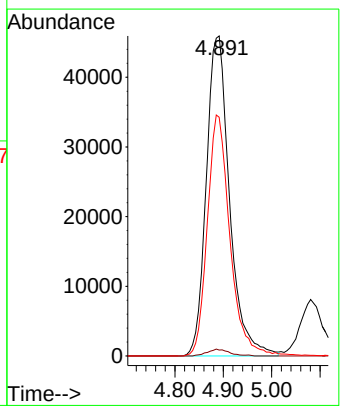
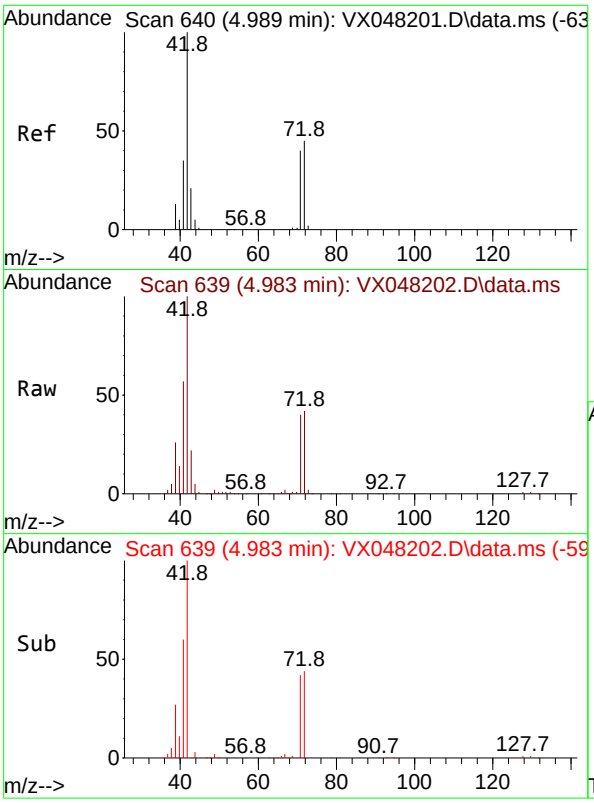


#28
Bromochloromethane
Concen: 107.645 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 49 Resp: 153564

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	73.3	59.3	88.9





#29
Tetrahydrofuran
Concen: 540.759 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 42 Resp: 26133

Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.3	52.9
71	40.6	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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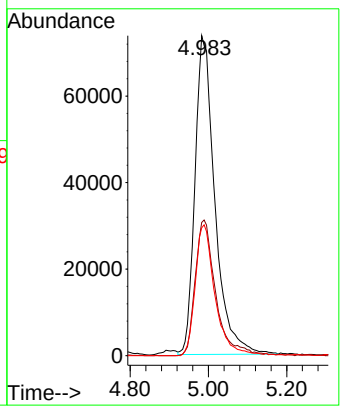
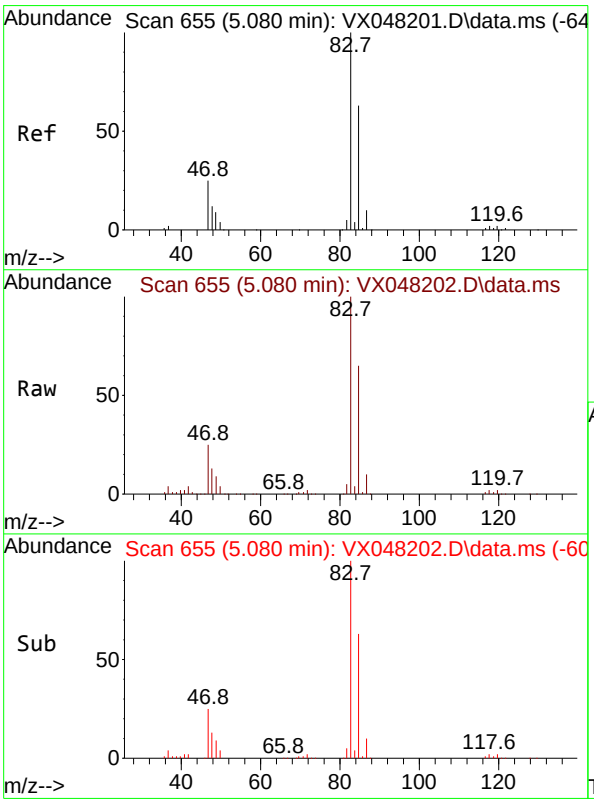
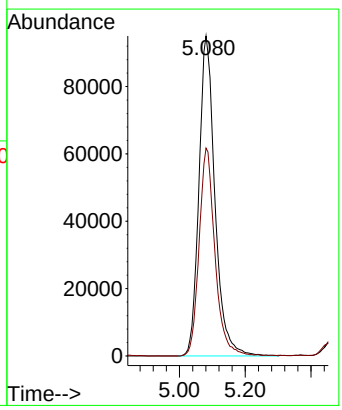


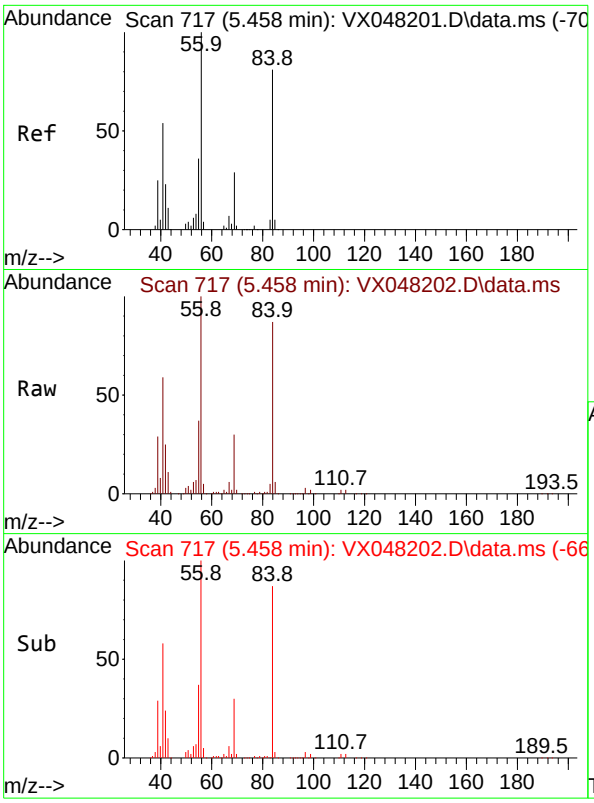


#30
Chloroform
Concen: 98.649 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 83 Resp: 321430

Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.1	75.1

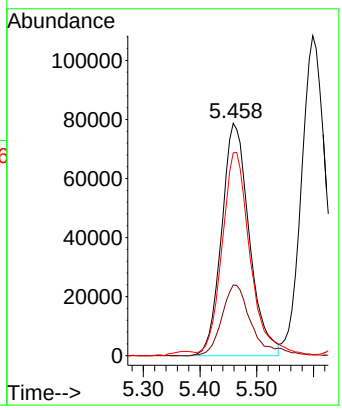




#31
Cyclohexane
Concen: 105.304 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 56 Resp: 26666

Ion	Ratio	Lower	Upper
56	100		
69	30.4	23.0	34.6
84	85.7	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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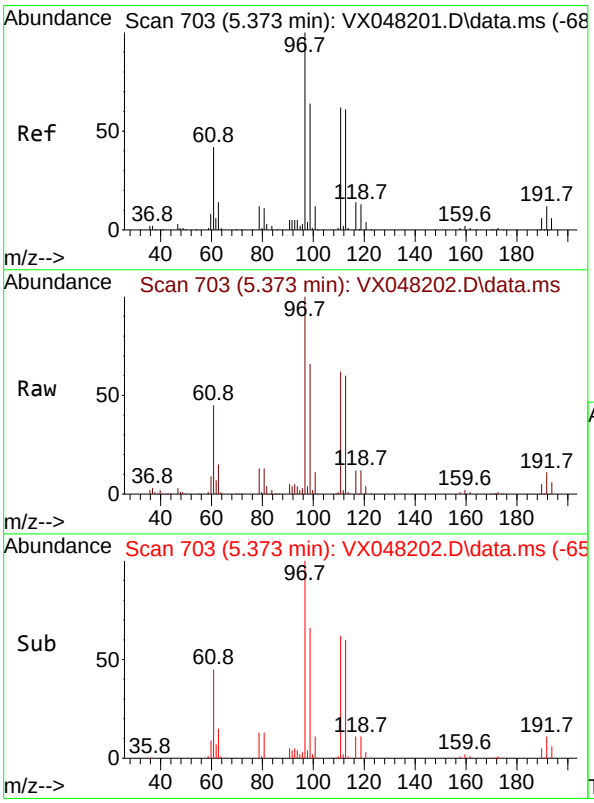
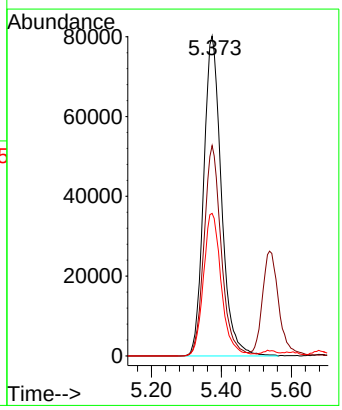
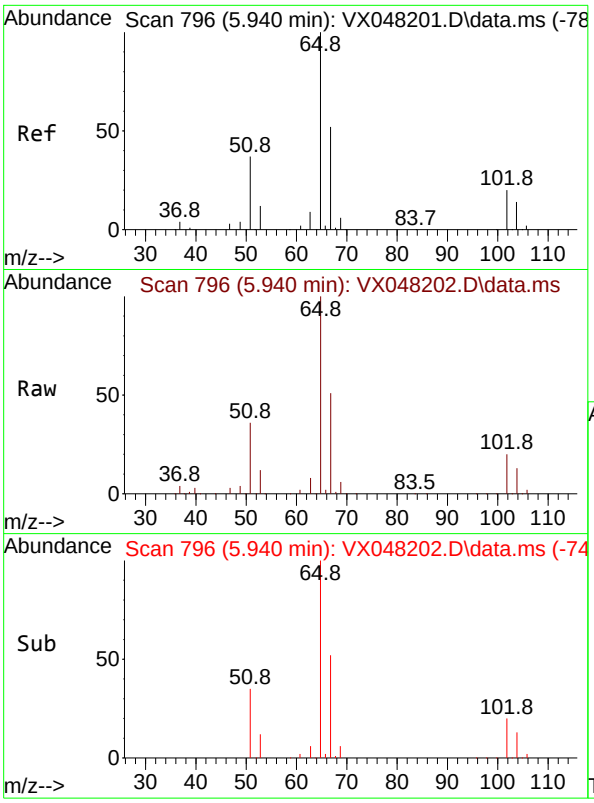


#32
1,1,1-Trichloroethane
Concen: 105.187 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 97 Resp: 281604

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	45.2	34.8	52.2

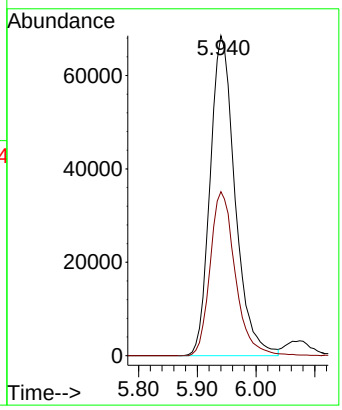




#33
1,2-Dichloroethane-d4
Concen: 97.557 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 65 Resp: 20200

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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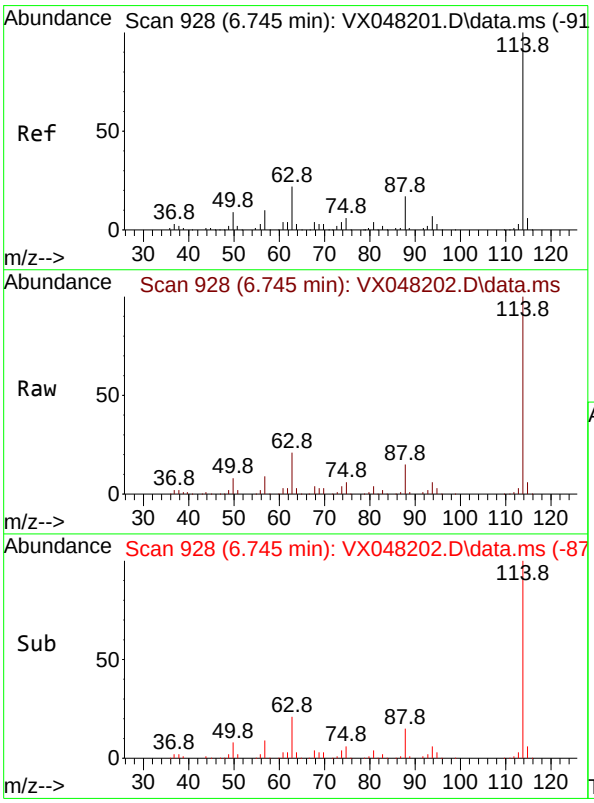
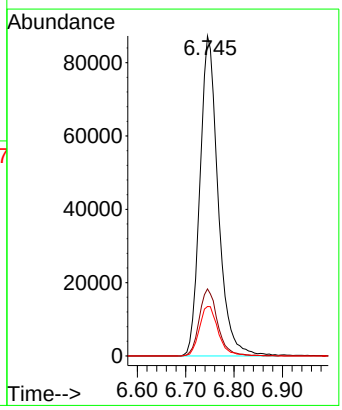
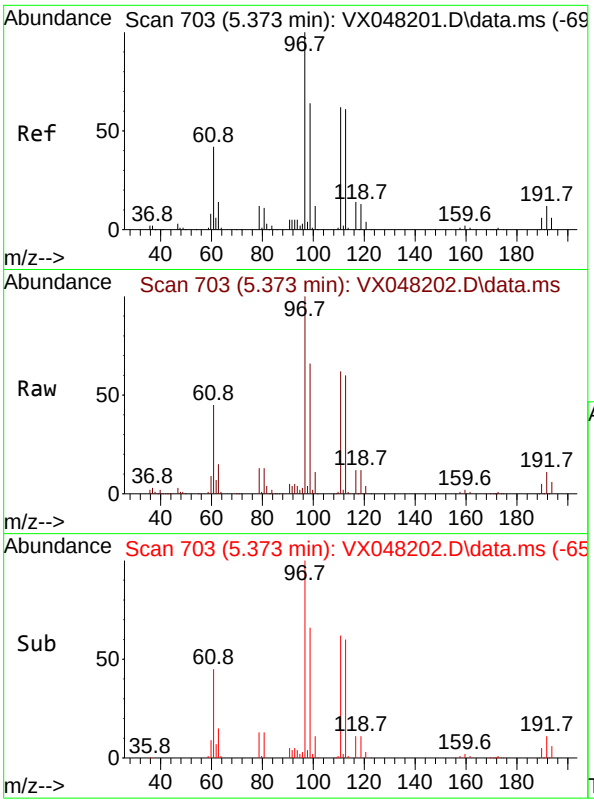


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:114 Resp: 228136

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	15.4	0.0	33.6

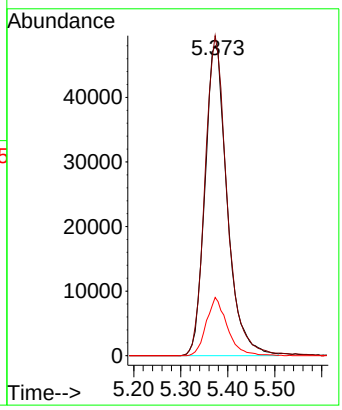




#35
Dibromofluoromethane
Concen: 100.115 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:113 Resp: 15851

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	17.7	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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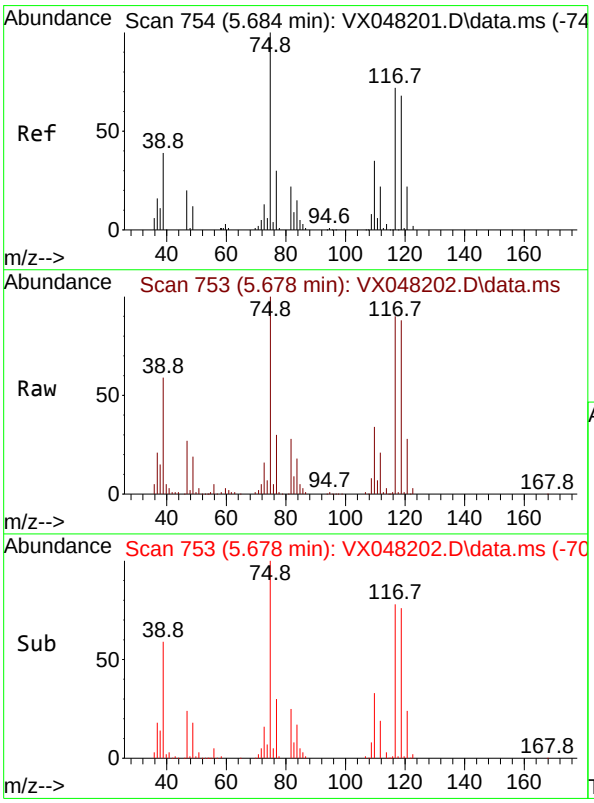
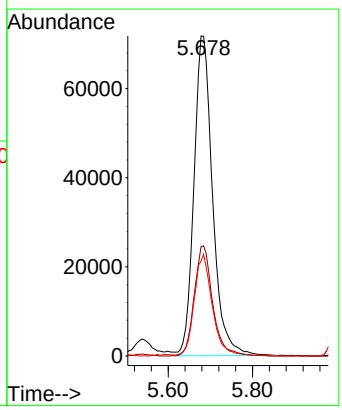
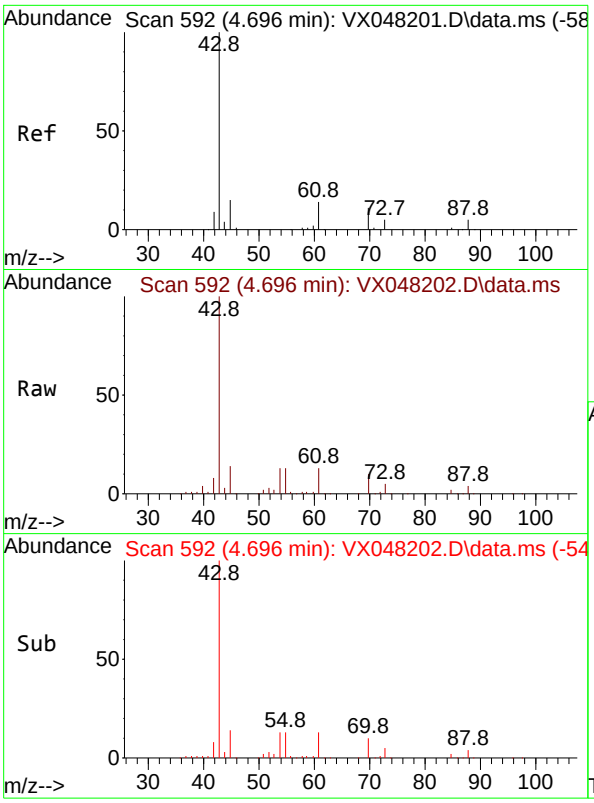


#36
1,1-Dichloropropene
Concen: 99.018 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 75 Resp: 220854

Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.7	53.1
77	30.3	24.3	36.5

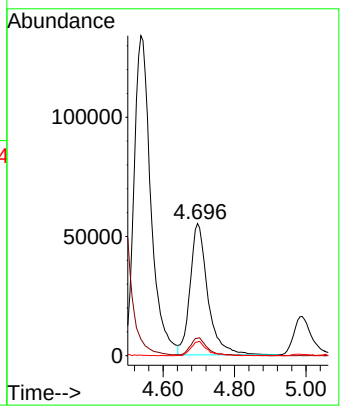




#37
Ethyl Acetate
Concen: 105.984 ug/l
RT: 4.696 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 18891

Ion	Ratio	Lower	Upper
43	100		
61	12.2	10.6	15.8
70	9.9	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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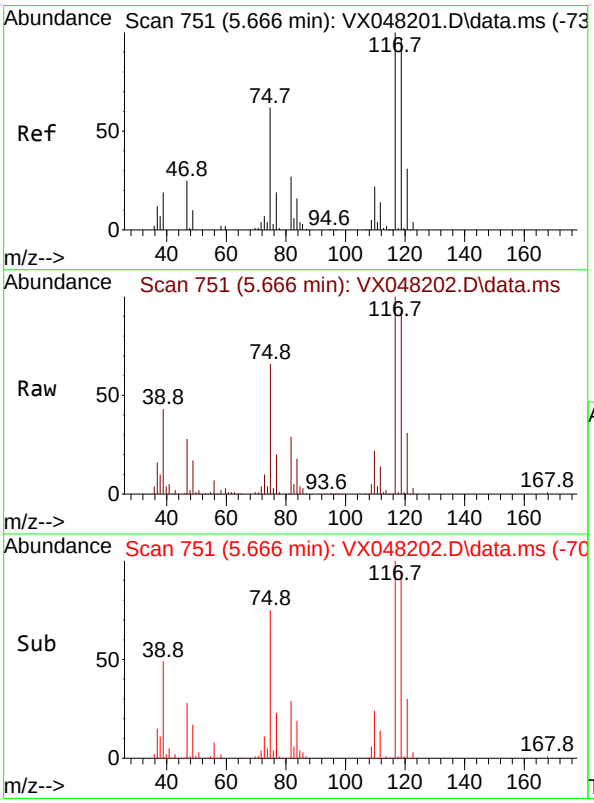
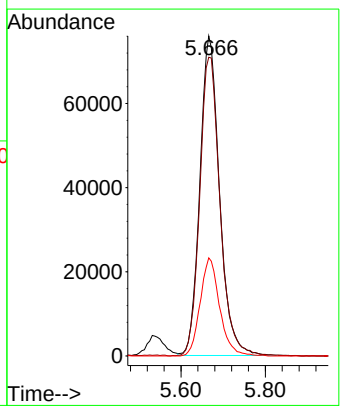
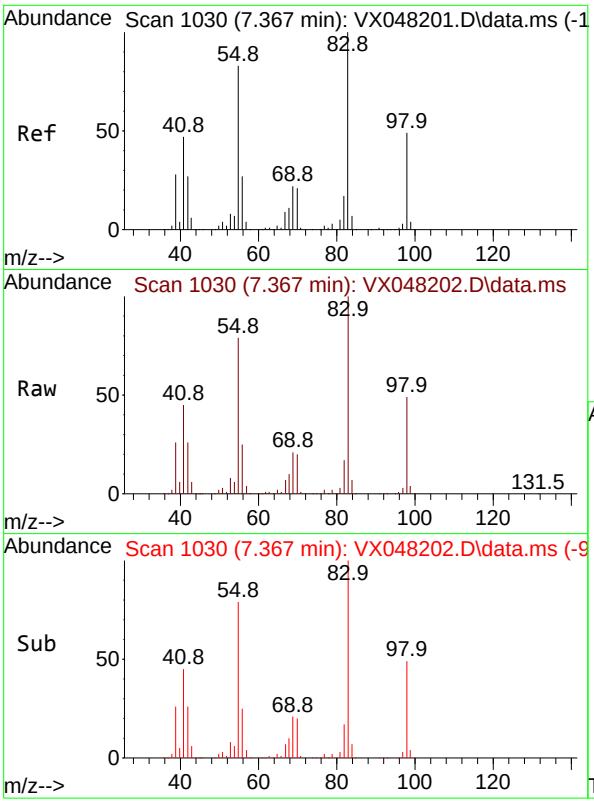


#38
Carbon Tetrachloride
Concen: 96.288 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:117 Resp: 246511

Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.2	115.8
121	30.7	24.8	37.2

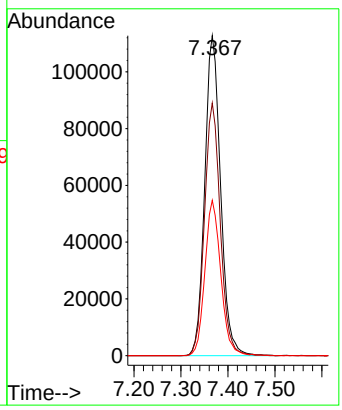




#39
Methylcyclohexane
Concen: 104.768 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 83 Resp: 26347

Ion	Ratio	Lower	Upper
83	100		
55	78.9	66.2	99.2
98	48.6	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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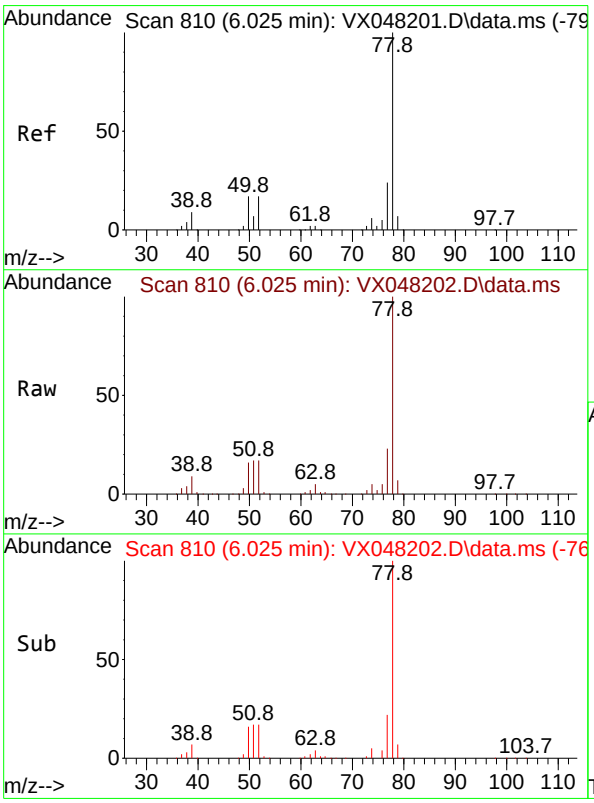
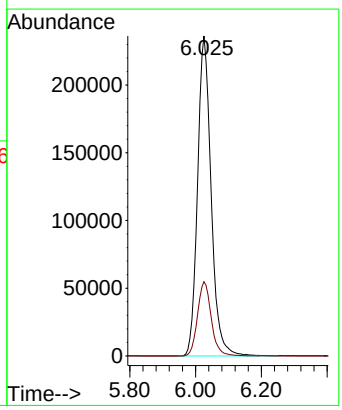
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

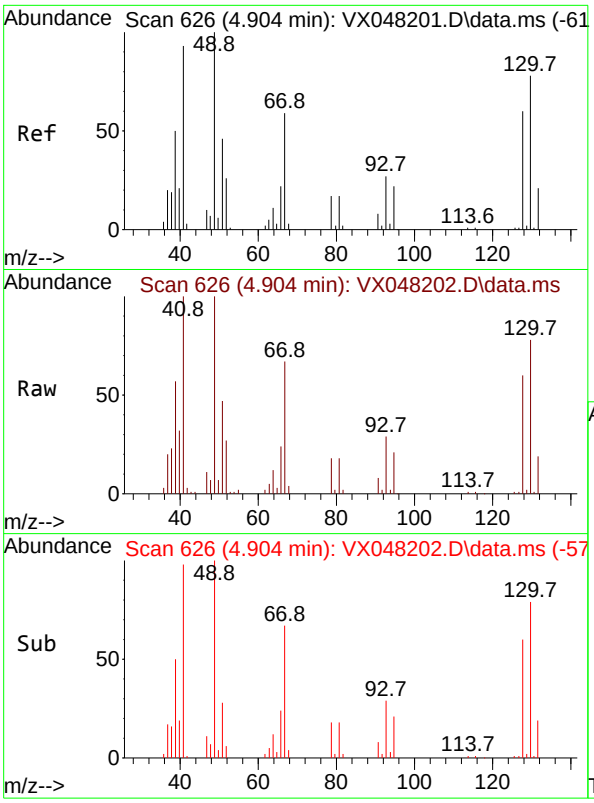


#40
Benzene
Concen: 102.163 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 78 Resp: 676625

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9

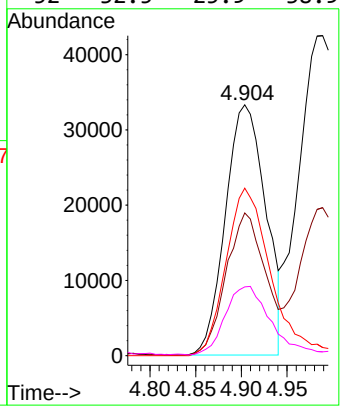




#41
Methacrylonitrile
Concen: 106.668 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 41 Resp: 10183

Ion	Ratio	Lower	Upper
41	100		
39	54.9	44.0	66.0
67	75.4	58.7	88.1
52	32.5	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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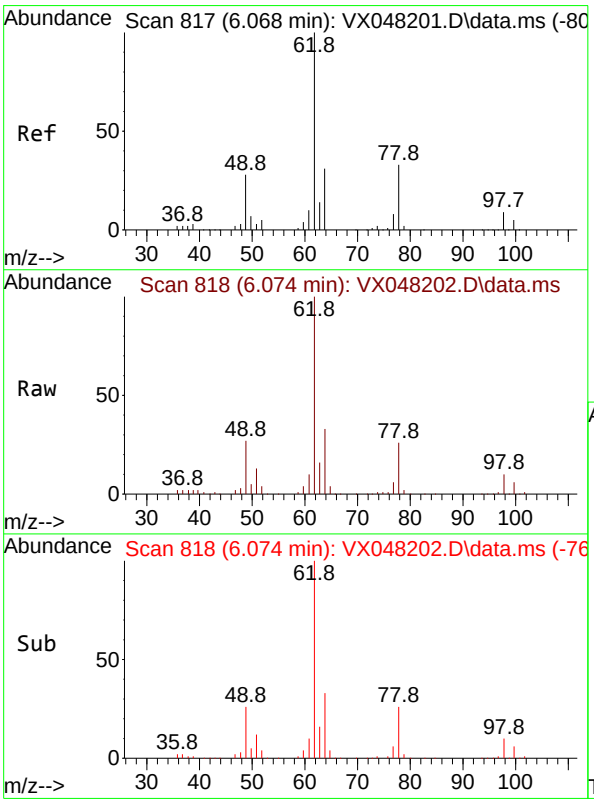
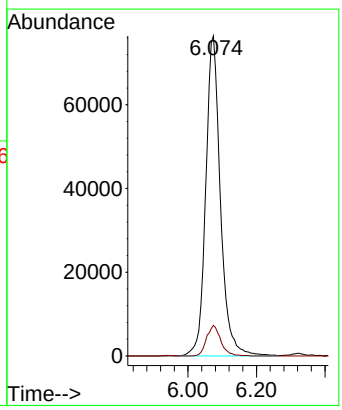
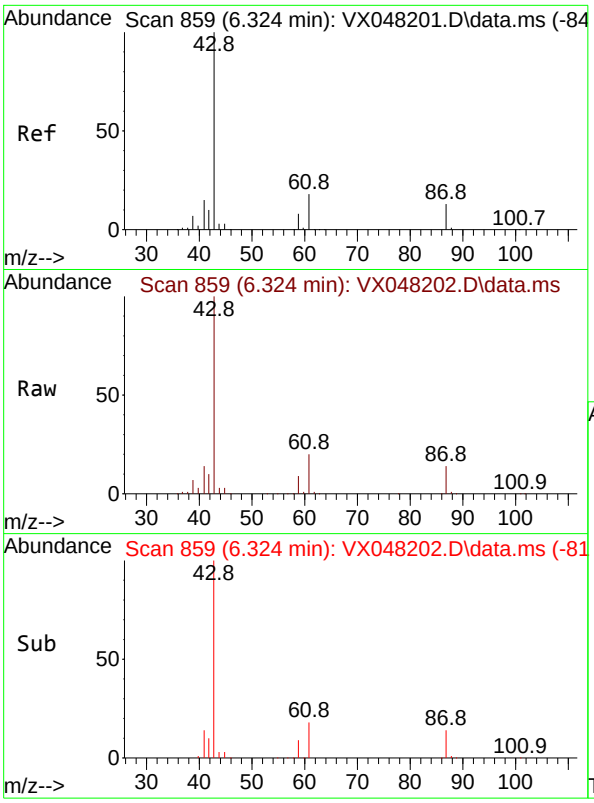


#42
1,2-Dichloroethane
Concen: 96.255 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 62 Resp: 228400

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.2

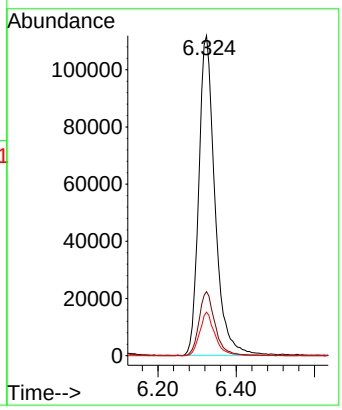




#43
Isopropyl Acetate
Concen: 107.098 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 32046

Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.9	22.3
87	12.8	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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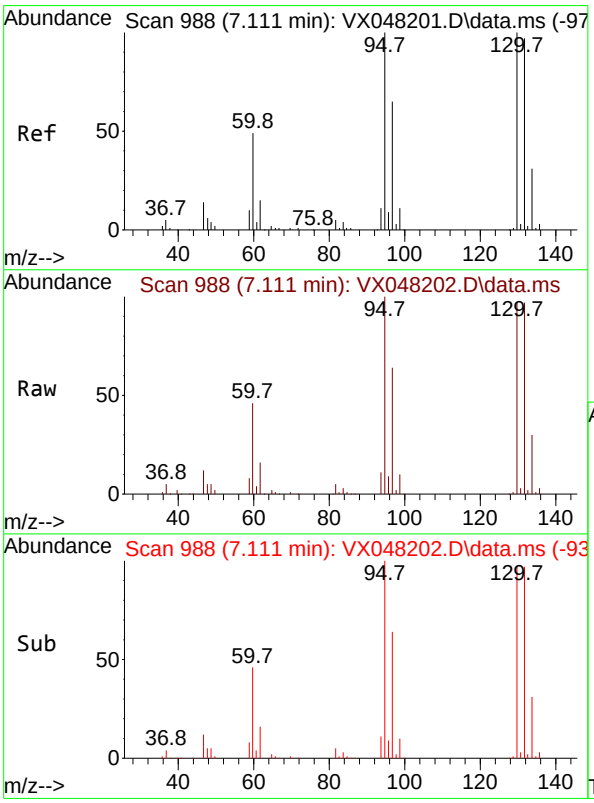
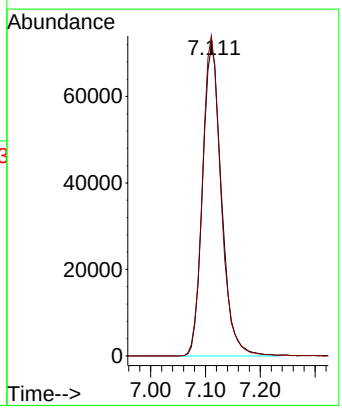
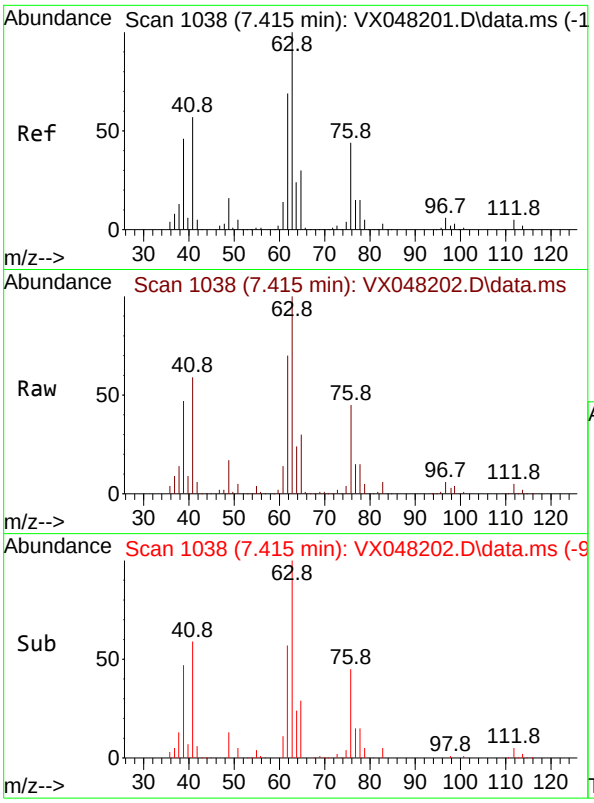


#44
Trichloroethene
Concen: 103.199 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:130 Resp: 172256

Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	200.6

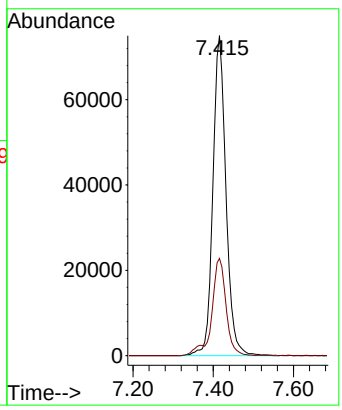




#45
1,2-Dichloropropane
Concen: 101.299 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 63 Resp: 16979

Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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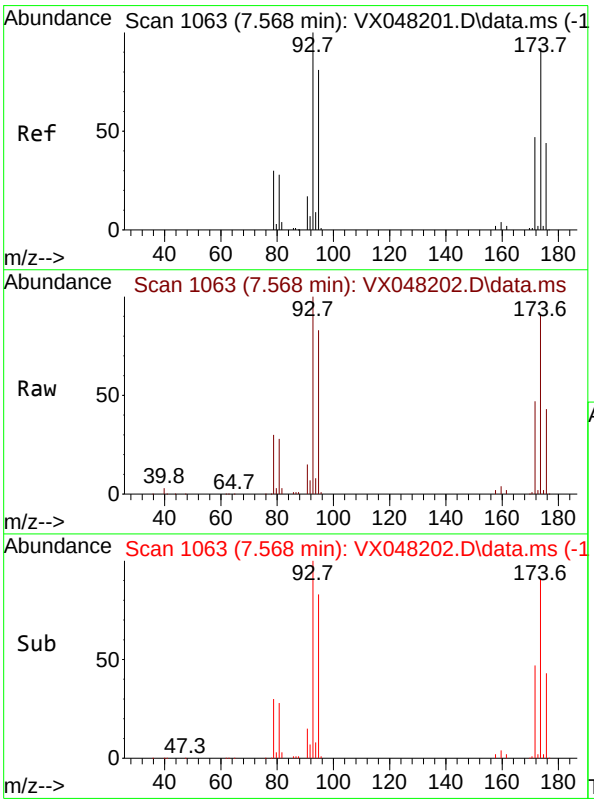
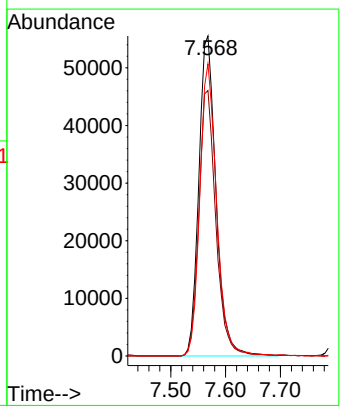
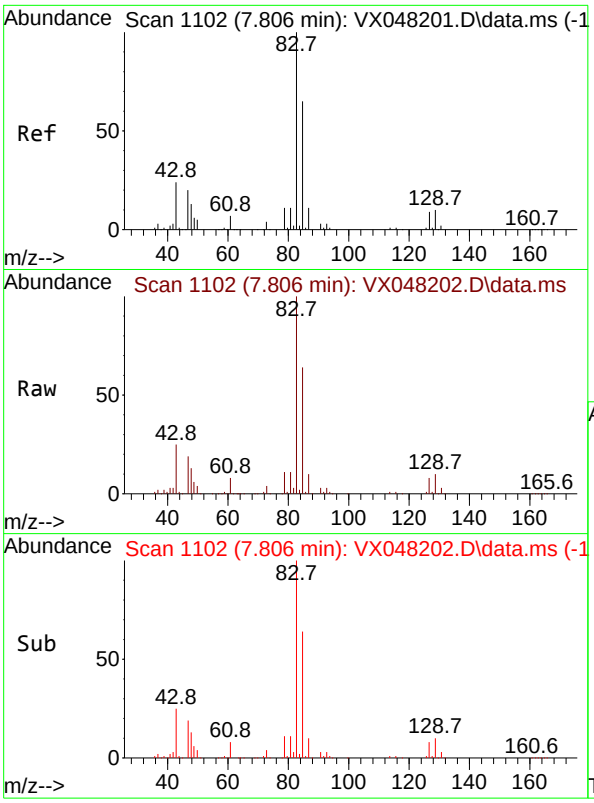


#46
Dibromomethane
Concen: 100.170 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 93 Resp: 120808

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.9	98.9
174	89.7	71.7	107.5

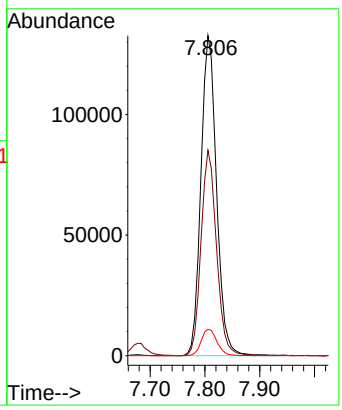




#47
Bromodichloromethane
Concen: 100.714 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 83 Resp: 26252

Ion	Ratio	Lower	Upper
83	100		
85	64.1	52.2	78.4
127	8.2	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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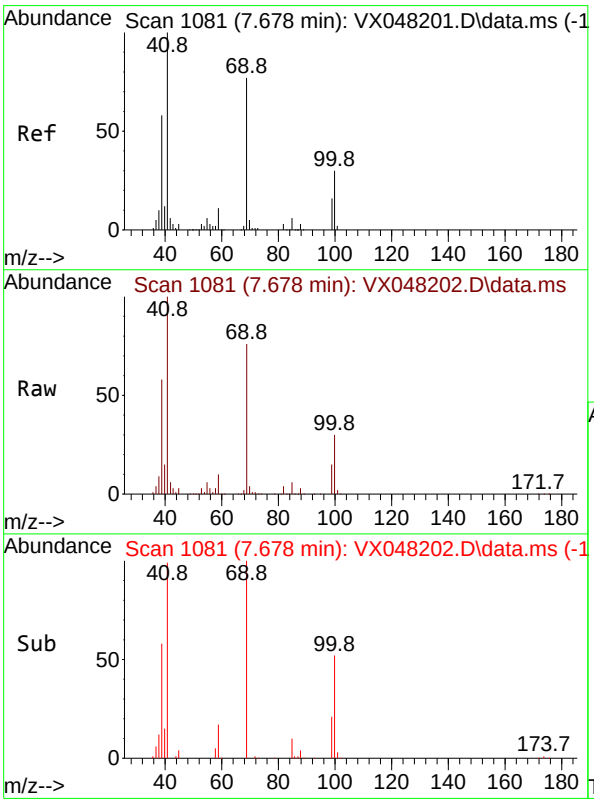
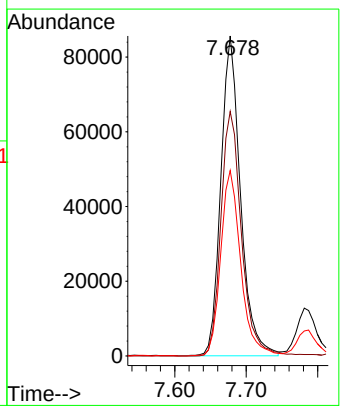
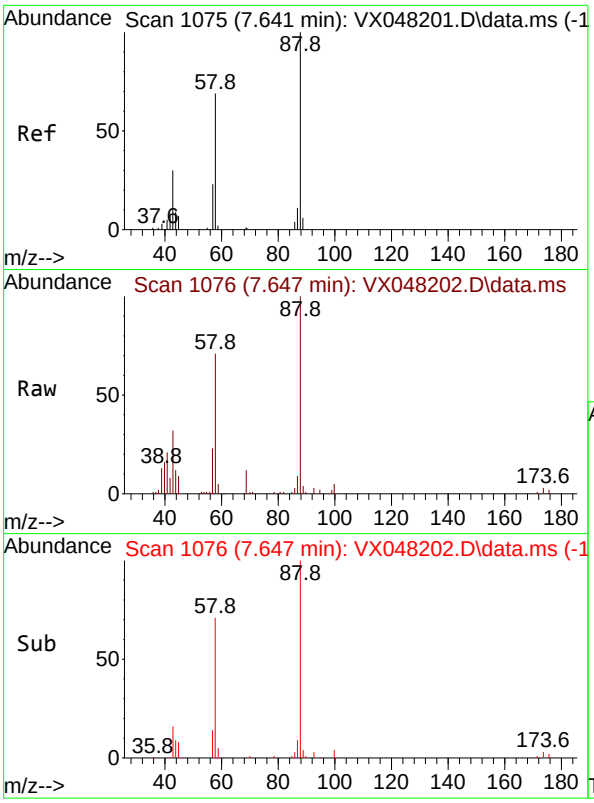


#48
Methyl methacrylate
Concen: 106.866 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 41 Resp: 163691

Ion	Ratio	Lower	Upper
41	100		
69	80.4	63.4	95.0
39	59.2	47.1	70.7

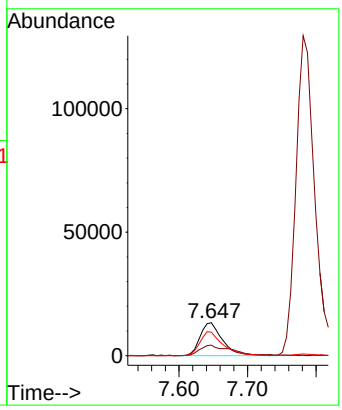




#49
1,4-Dioxane
Concen: 2210.027 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 88 Resp: 3047

Ion	Ratio	Lower	Upper
88	100		
43	43.5	35.0	52.4
58	74.6	61.9	92.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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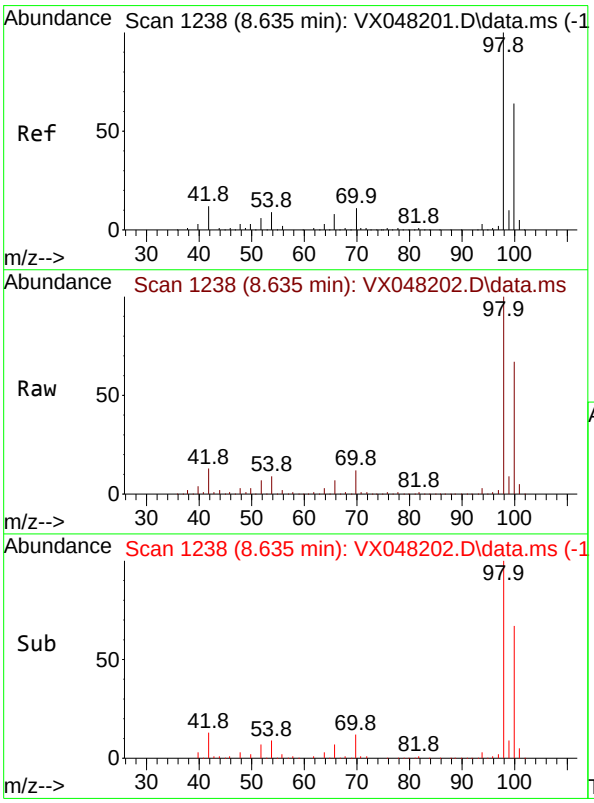
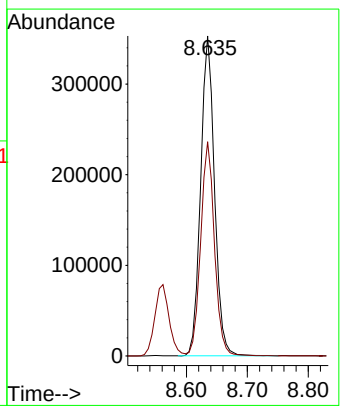
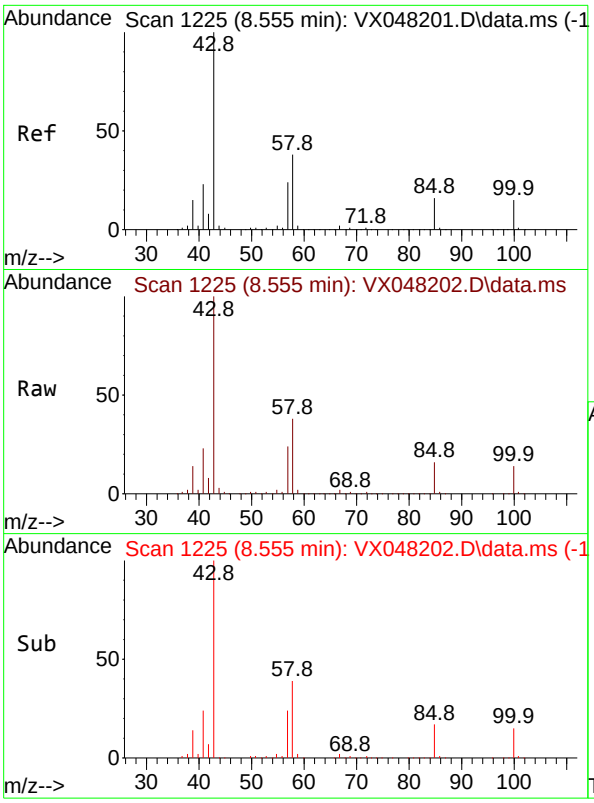


#50
Toluene-d8
Concen: 97.937 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 98 Resp: 558638

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

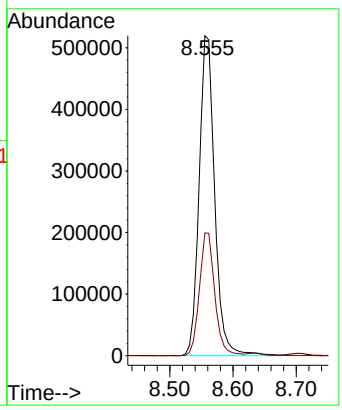




#51
4-Methyl-2-Pentanone
Concen: 535.021 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 89084

Ion	Ratio	Lower	Upper
43	100		
58	37.9	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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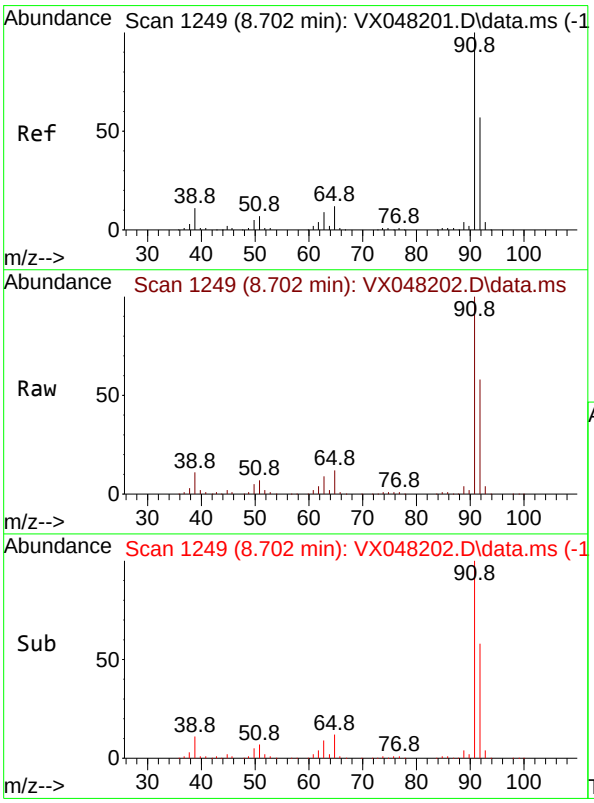
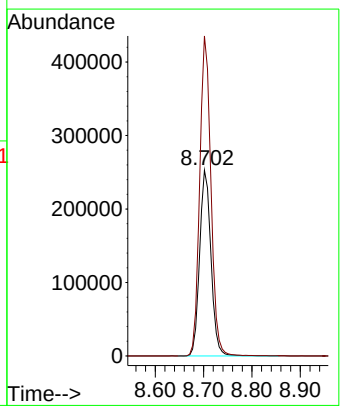
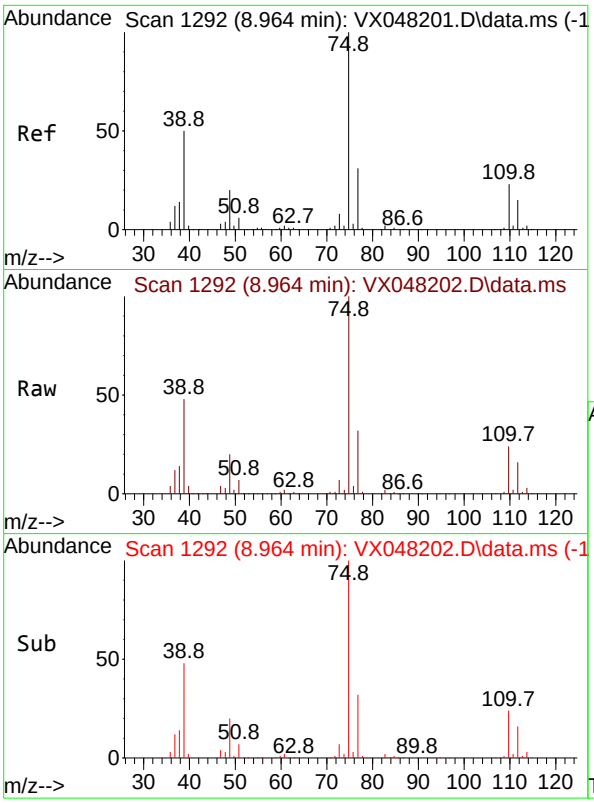


#52
Toluene
Concen: 103.371 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 92 Resp: 411490

Ion	Ratio	Lower	Upper
92	100		
91	170.4	136.1	204.1

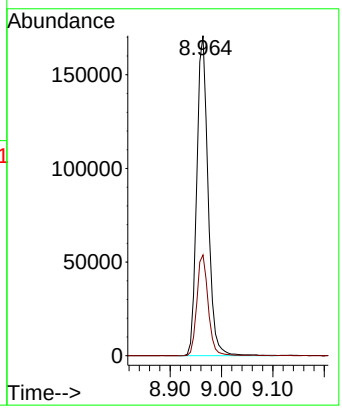




#53
t-1,3-Dichloropropene
Concen: 106.986 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 75 Resp: 26125

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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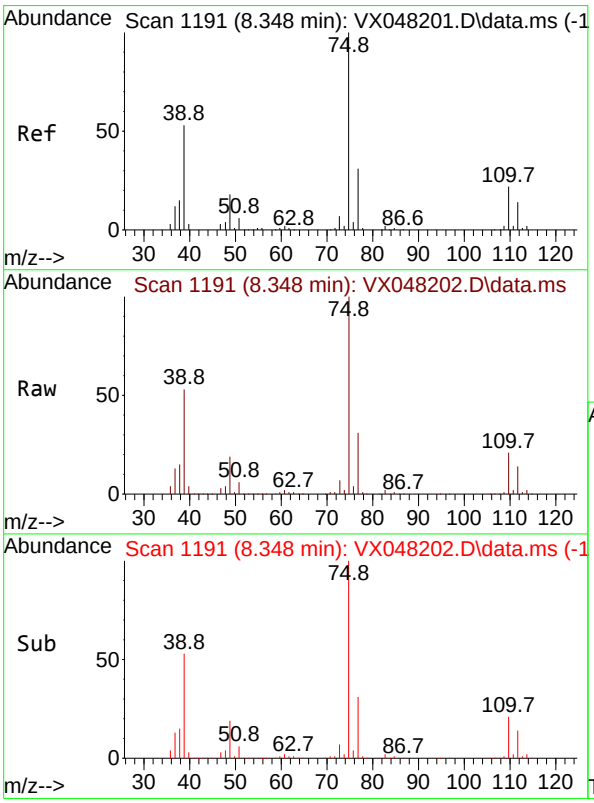
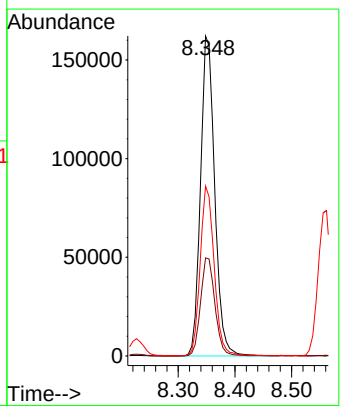
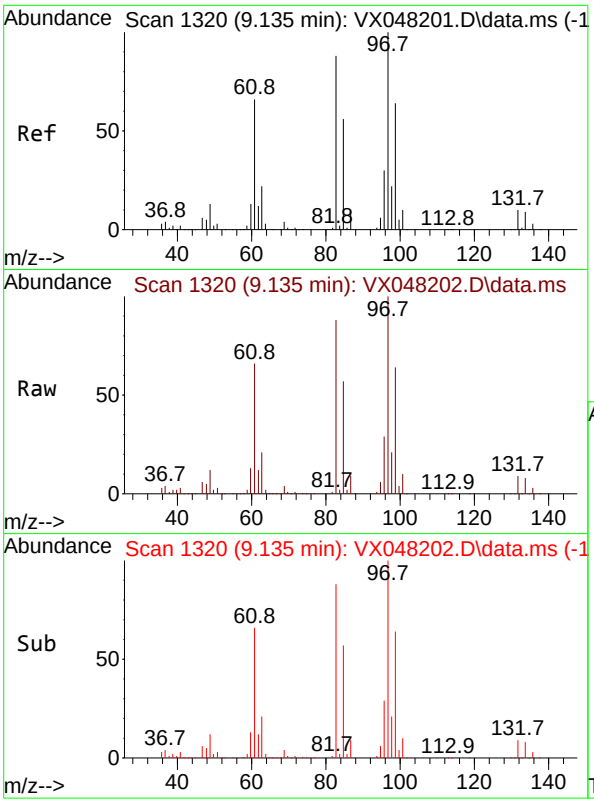


#54
cis-1,3-Dichloropropene
Concen: 106.213 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 75 Resp: 282702

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.9	37.3
39	52.9	42.6	64.0

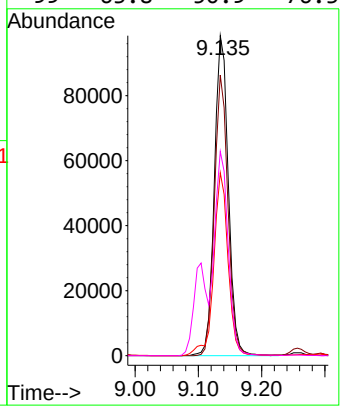




#55
1,1,2-Trichloroethane
Concen: 101.567 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 97 Resp: 15085

Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.6	105.8
85	57.1	45.0	67.6
99	63.8	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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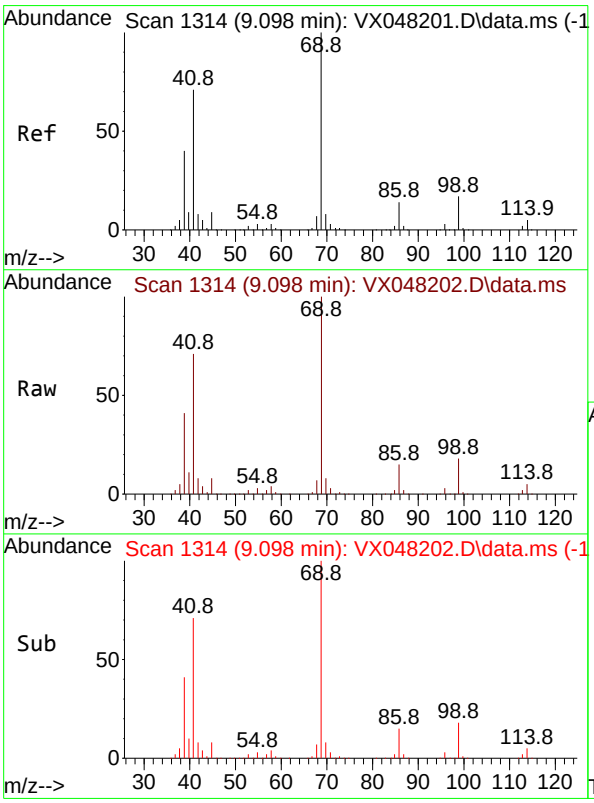
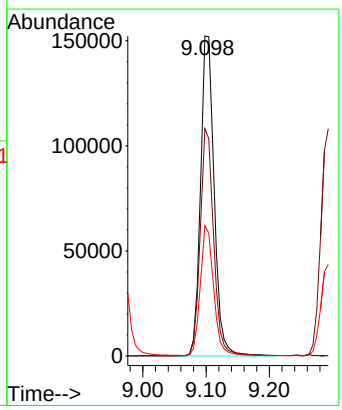
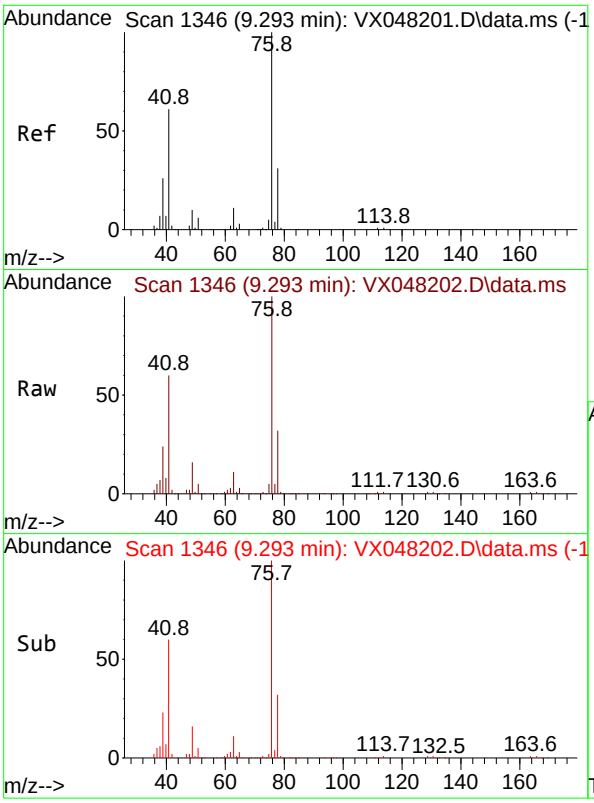


#56
Ethyl methacrylate
Concen: 113.382 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 69 Resp: 229045

Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.0	84.0
39	39.9	31.6	47.4

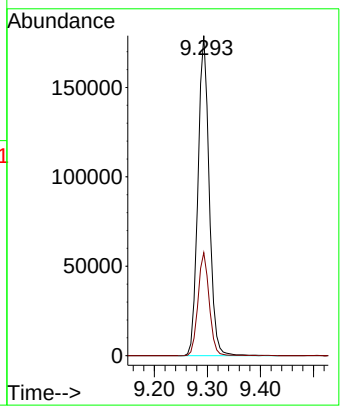




#57
1,3-Dichloropropane
Concen: 101.389 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 76 Resp: 26310

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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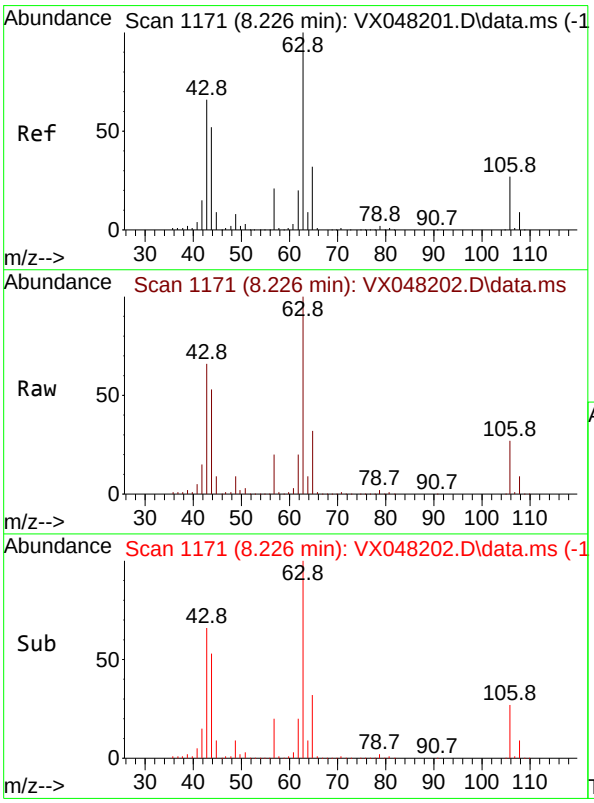
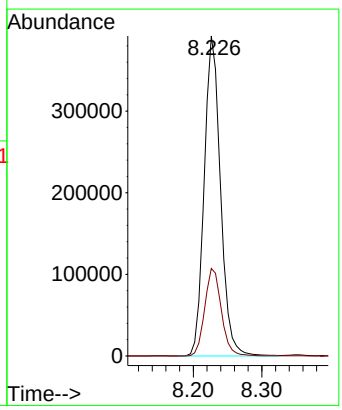
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

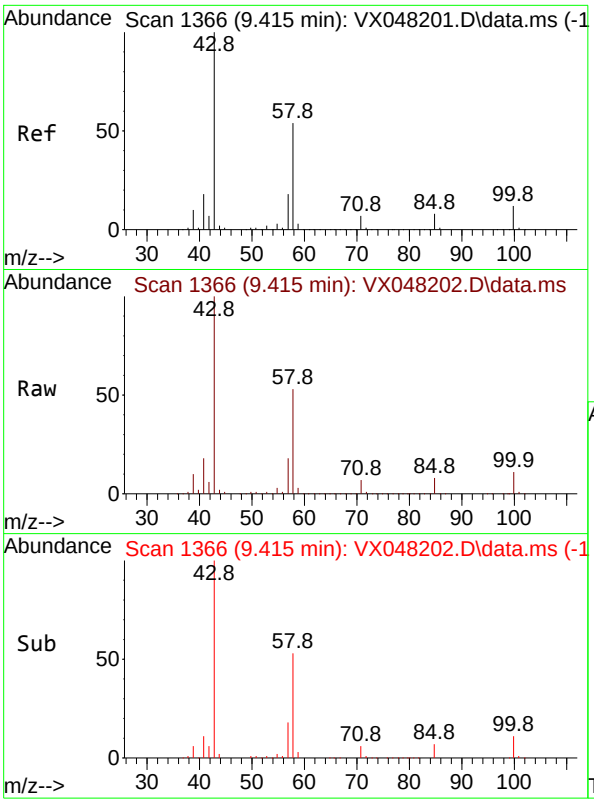


#58
2-Chloroethyl Vinyl ether
Concen: 506.414 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 63 Resp: 649675

Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.2	33.2





#59
2-Hexanone
Concen: 534.621 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 62265

Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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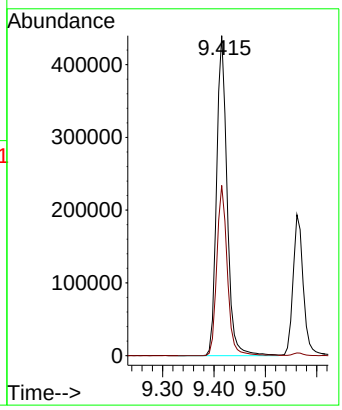
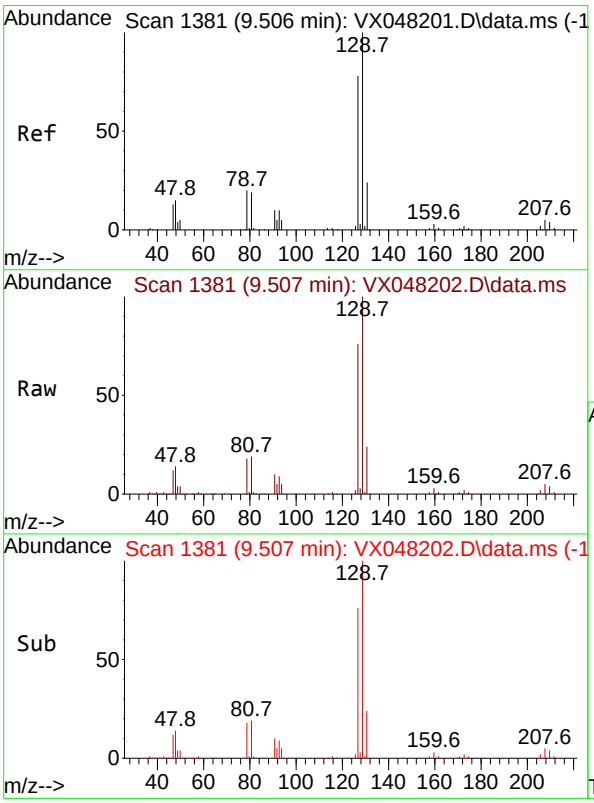
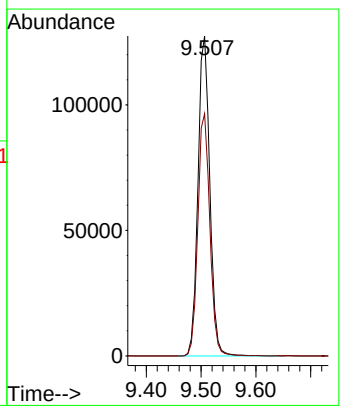


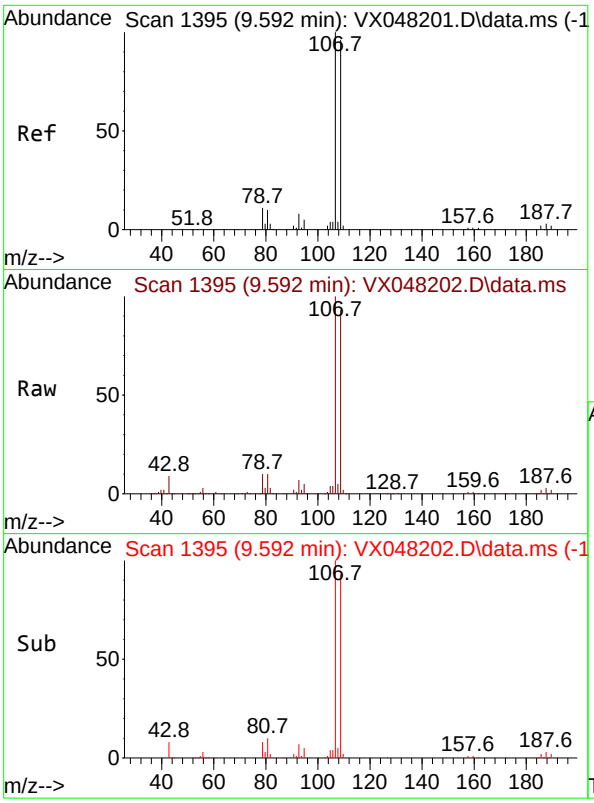


#60
Dibromochloromethane
Concen: 103.006 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:129 Resp: 191498

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.6	115.7

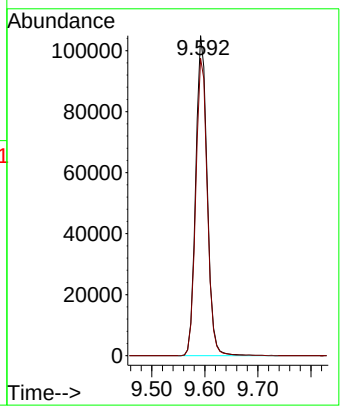




#61
1,2-Dibromoethane
Concen: 103.129 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:107 Resp: 15706

Ion	Ratio	Lower	Upper
107	100		
109	93.7	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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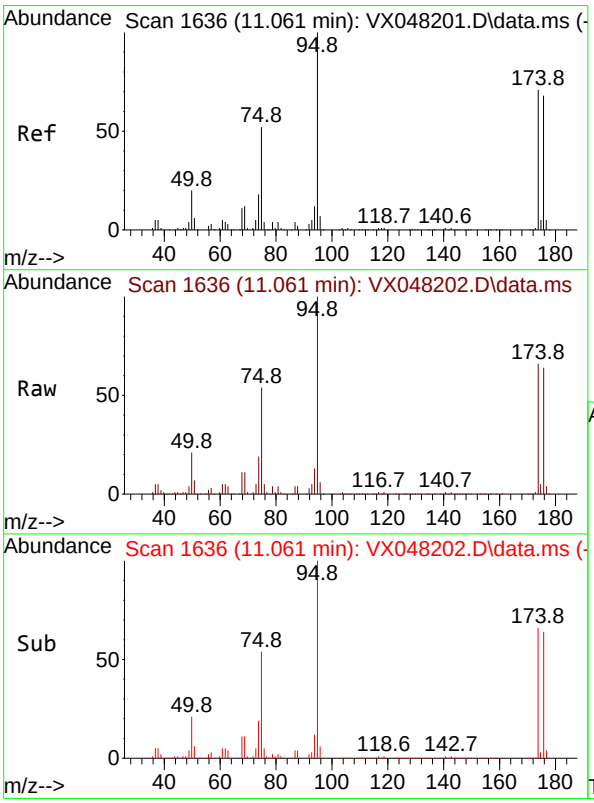
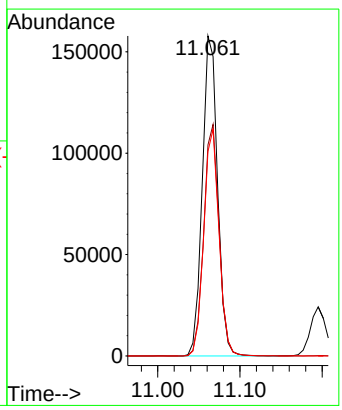
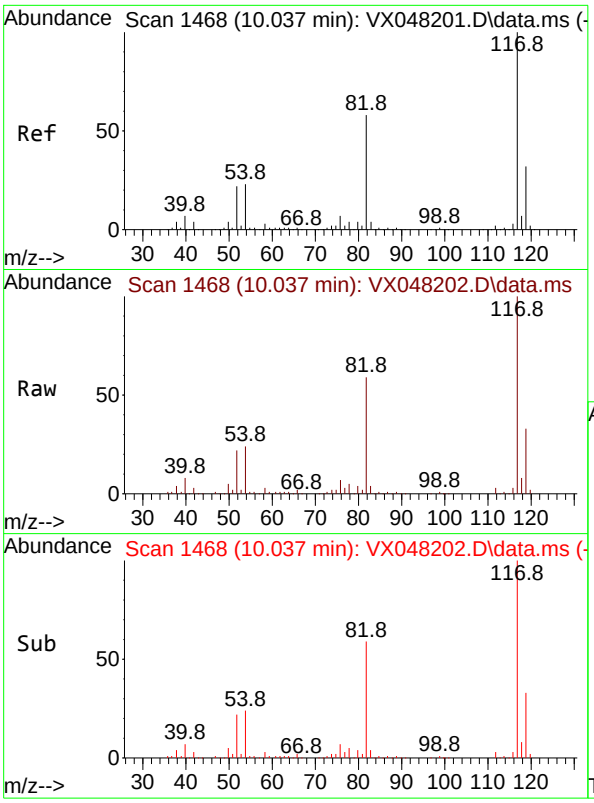


#62
4-Bromofluorobenzene
Concen: 97.772 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 95 Resp: 203127

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	147.8
176	70.6	0.0	142.8

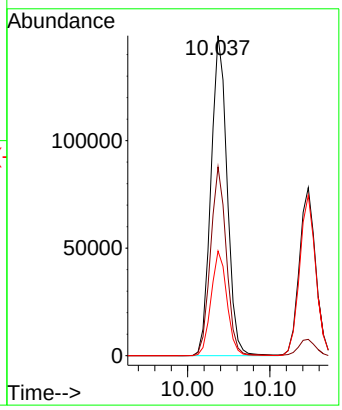




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:117 Resp: 20262

Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.5	69.7
119	32.7	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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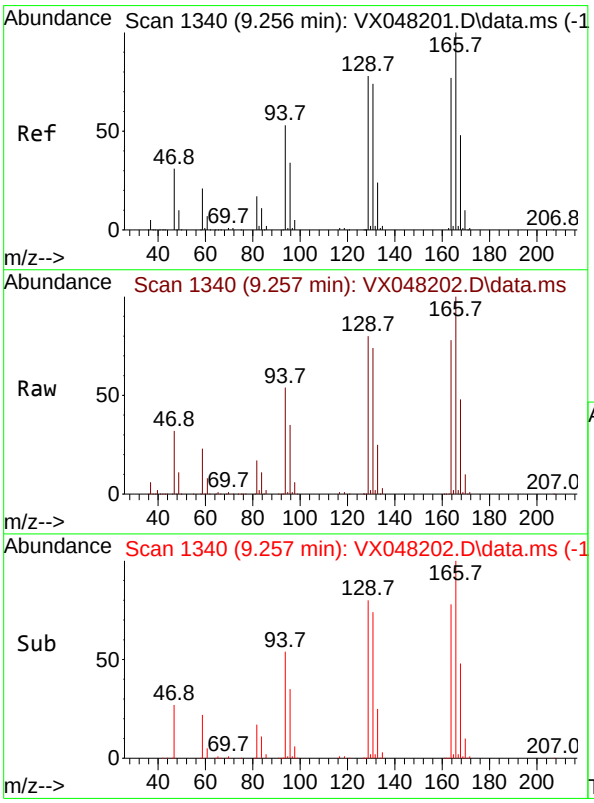
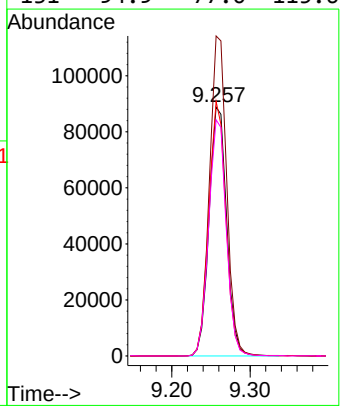
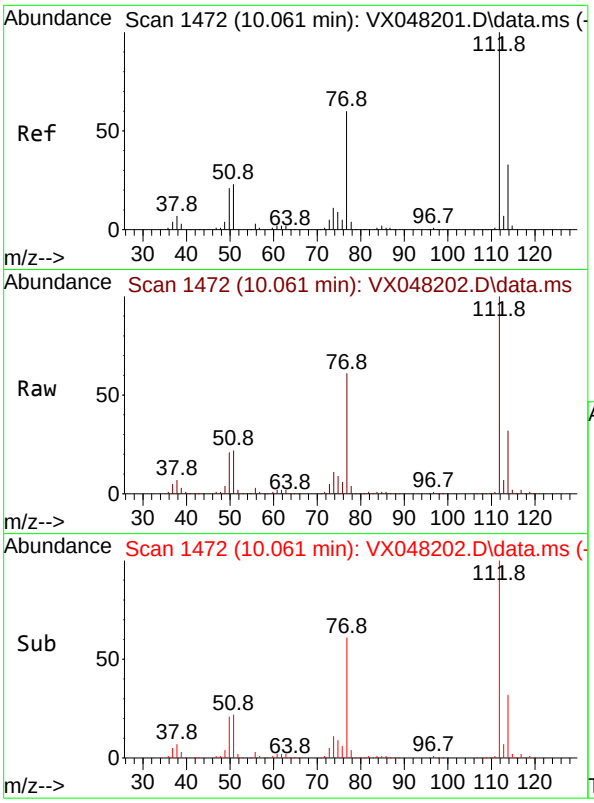


#64
Tetrachloroethene
Concen: 97.393 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:164 Resp: 138367

Ion	Ratio	Lower	Upper
164	100		
166	128.6	104.5	156.7
129	102.3	81.8	122.6
131	94.9	77.0	115.6

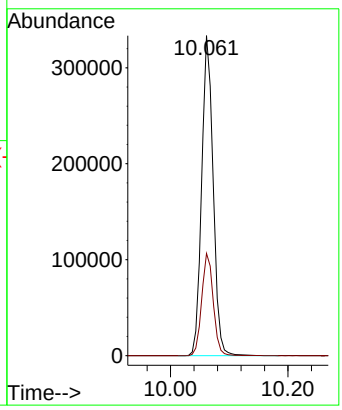




#65
Chlorobenzene
Concen: 101.832 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:112 Resp: 45114

Ion	Ratio	Lower	Upper
112	100		
114	32.0	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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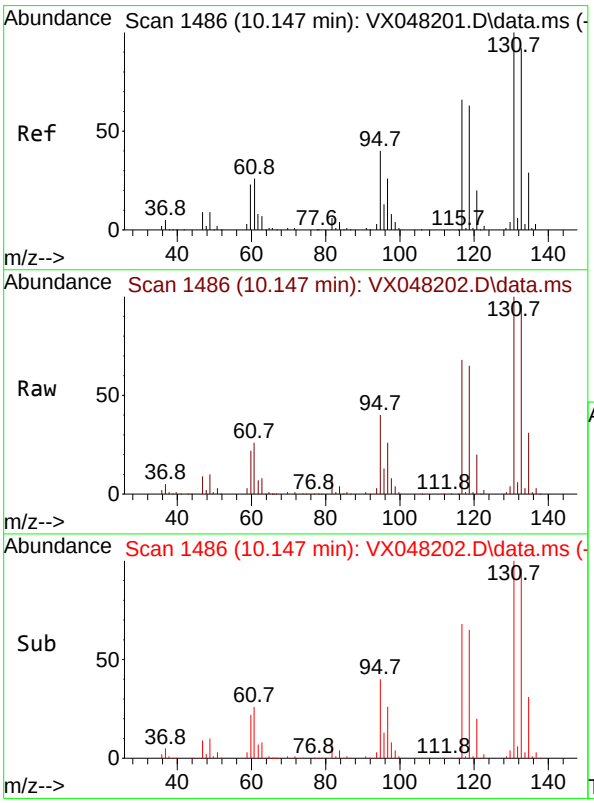
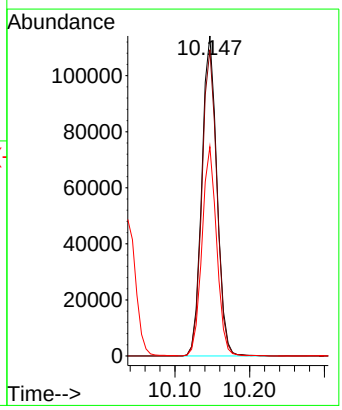
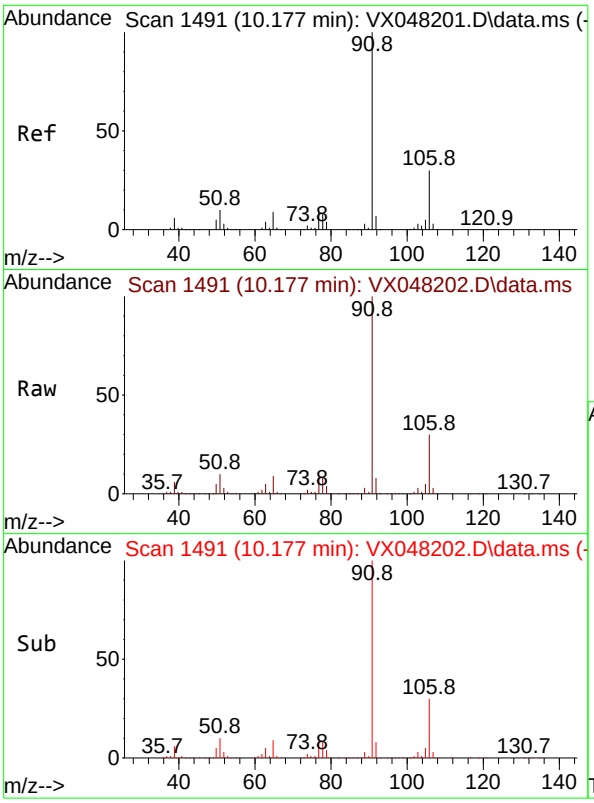


#66
1,1,1,2-Tetrachloroethane
Concen: 100.207 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:131 Resp: 159981

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.6	142.8
119	63.7	32.5	97.5

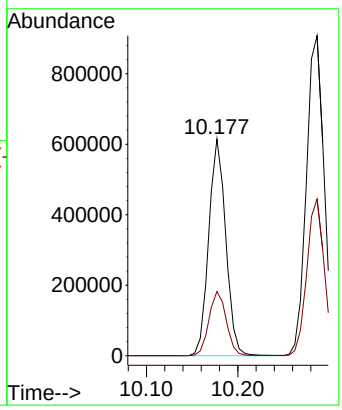




#67
Ethyl Benzene
Concen: 105.049 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 91 Resp: 79788

Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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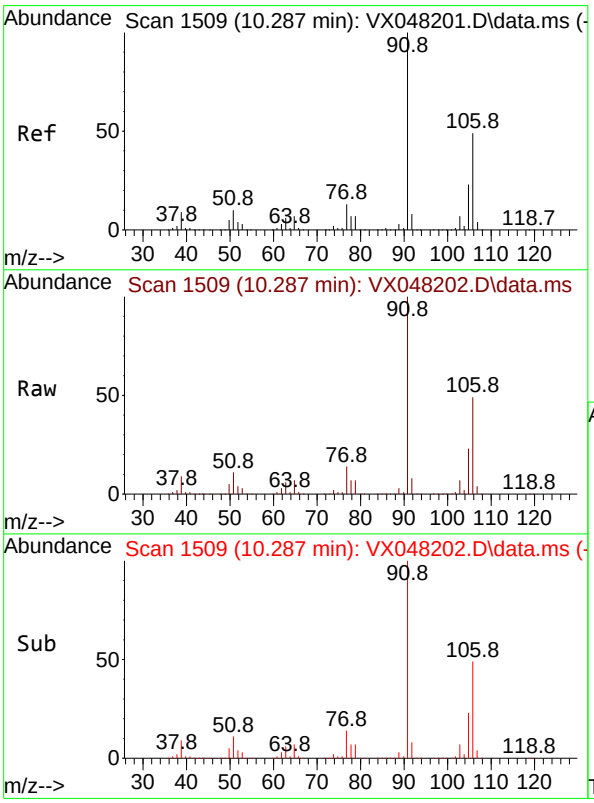
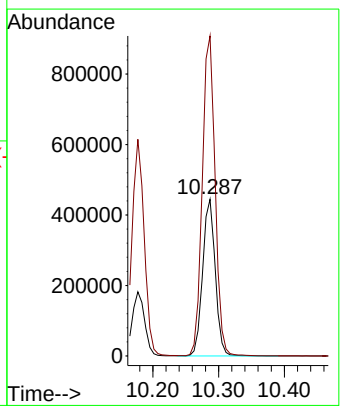
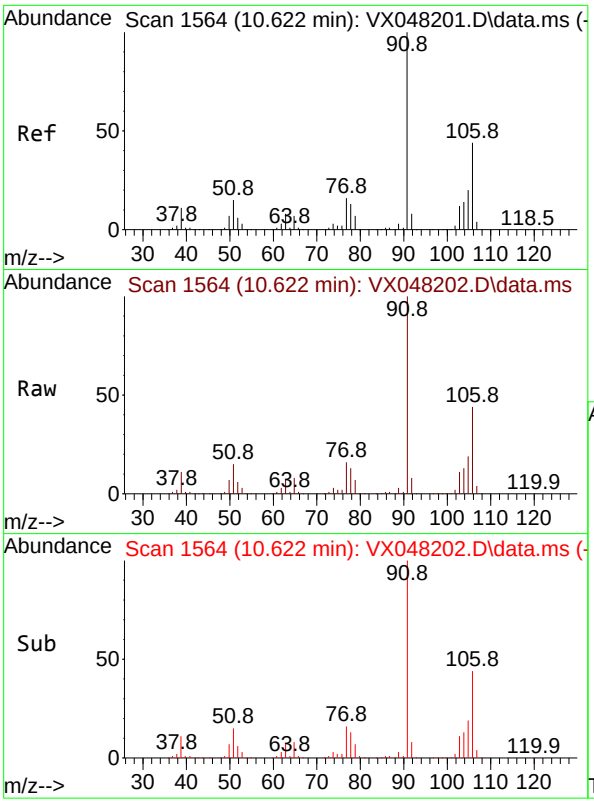


#68
m/p-Xylenes
Concen: 209.915 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:106 Resp: 593973

Ion	Ratio	Lower	Upper
106	100		
91	207.8	167.9	251.9

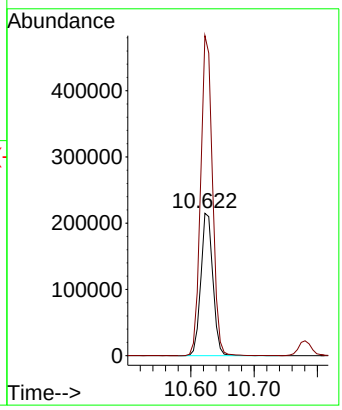




#69
o-Xylene
Concen: 107.091 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:106 Resp: 28525

Ion	Ratio	Lower	Upper
106	100		
91	220.6	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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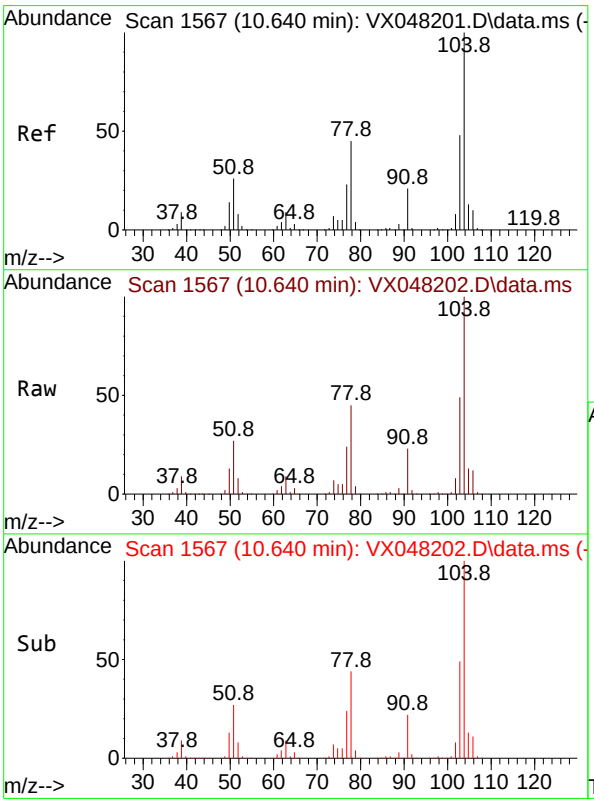
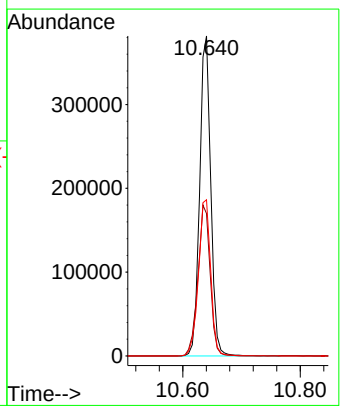
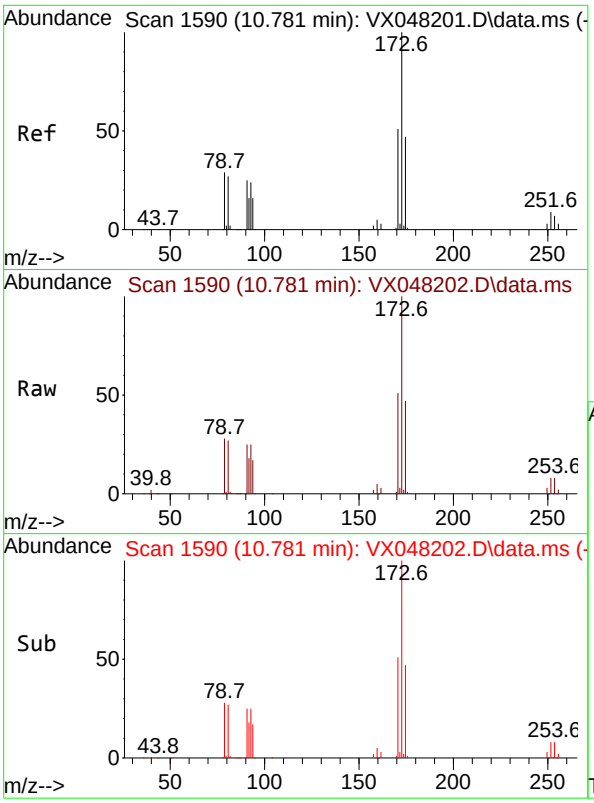


#70
Styrene
Concen: 108.910 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:104 Resp: 499350

Ion	Ratio	Lower	Upper
104	100		
78	52.3	42.2	63.4
103	54.1	43.0	64.4

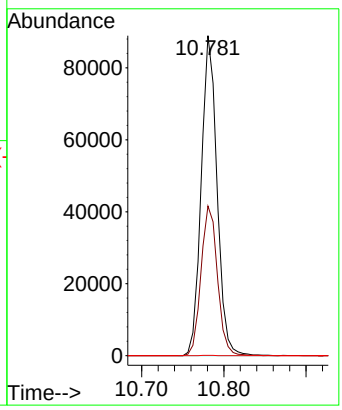




#71
Bromoform
Concen: 101.196 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:173 Resp: 11863

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.0	72.0
254	0.1	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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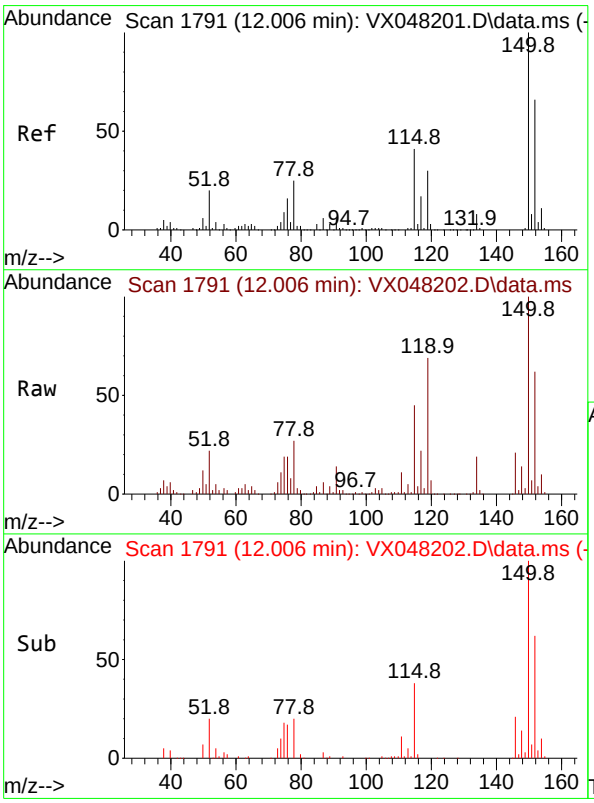
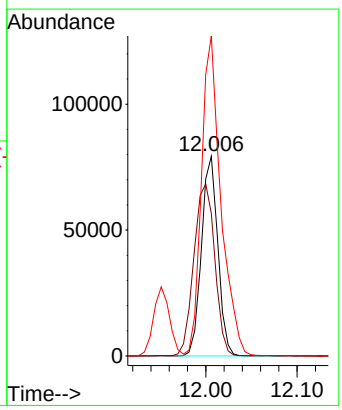
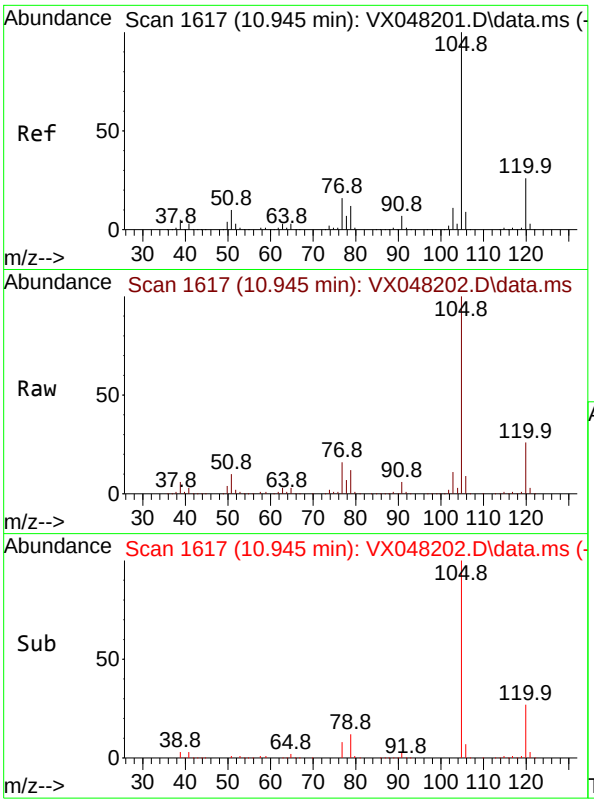


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:152 Resp: 98372

Ion	Ratio	Lower	Upper
152	100		
115	110.5	43.1	129.4
150	190.3	0.0	353.0





#73
Isopropylbenzene
Concen: 107.015 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:105 Resp: 73220

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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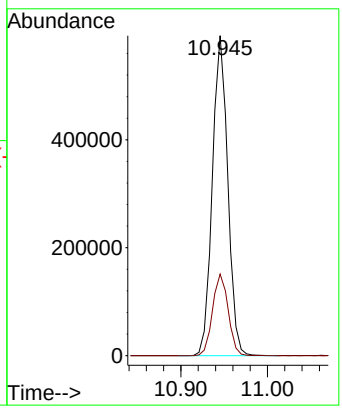
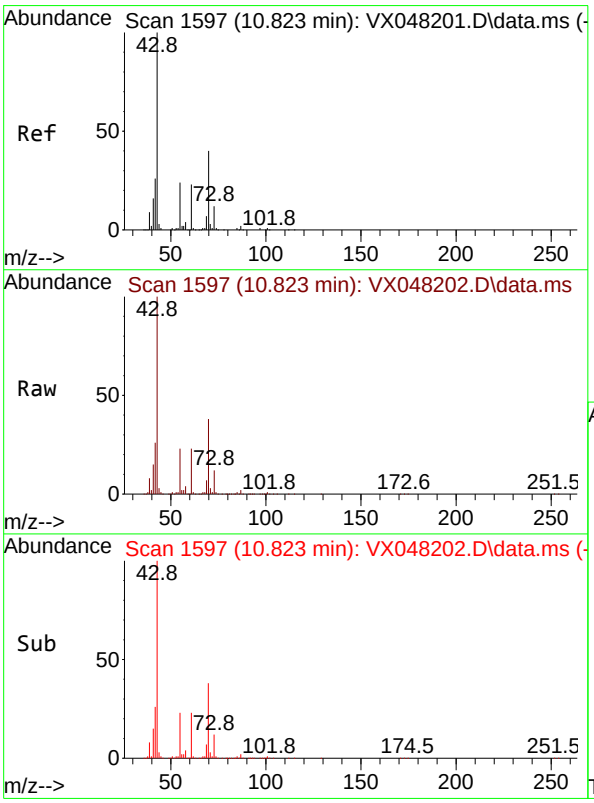
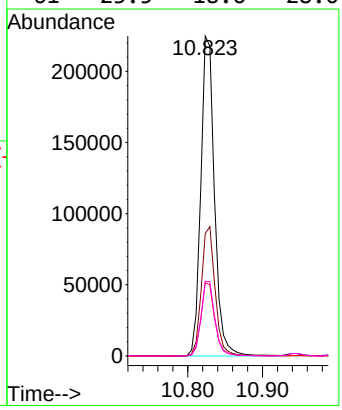


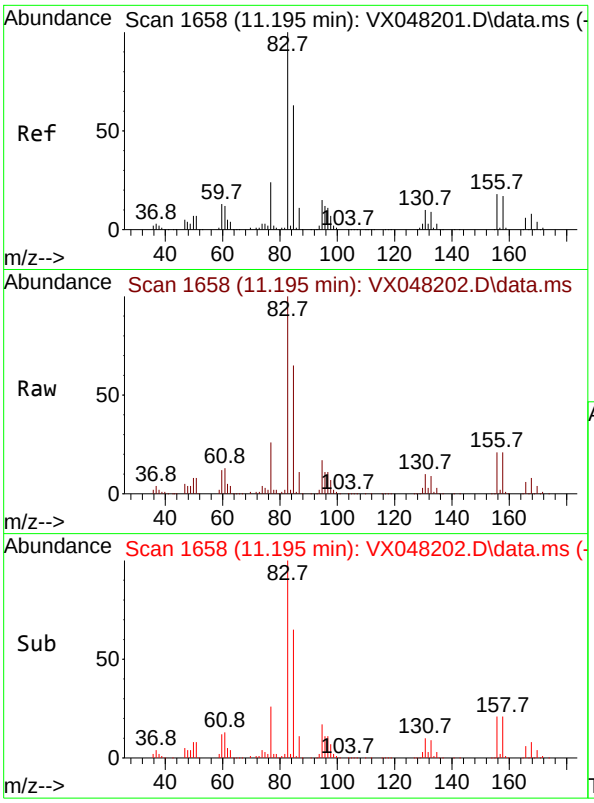


#74
N-amyl acetate
Concen: 112.256 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 43 Resp: 286532

Ion	Ratio	Lower	Upper
43	100		
70	40.7	32.2	48.2
55	23.3	19.1	28.7
61	23.5	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 100.632 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 83 Resp: 19505

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.8	14.4
85	65.0	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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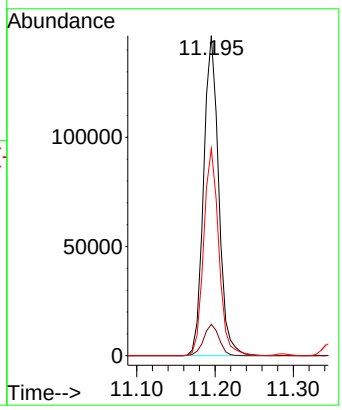
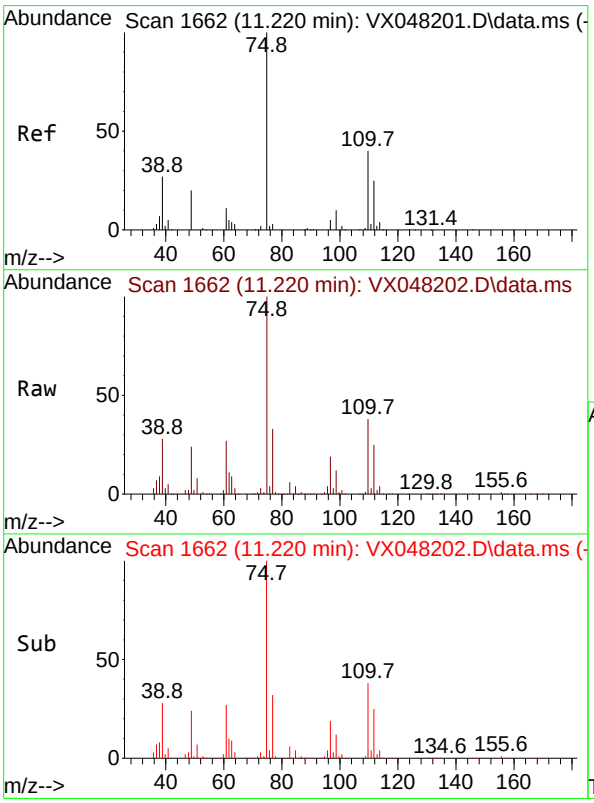
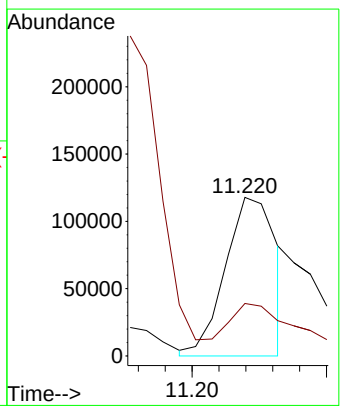


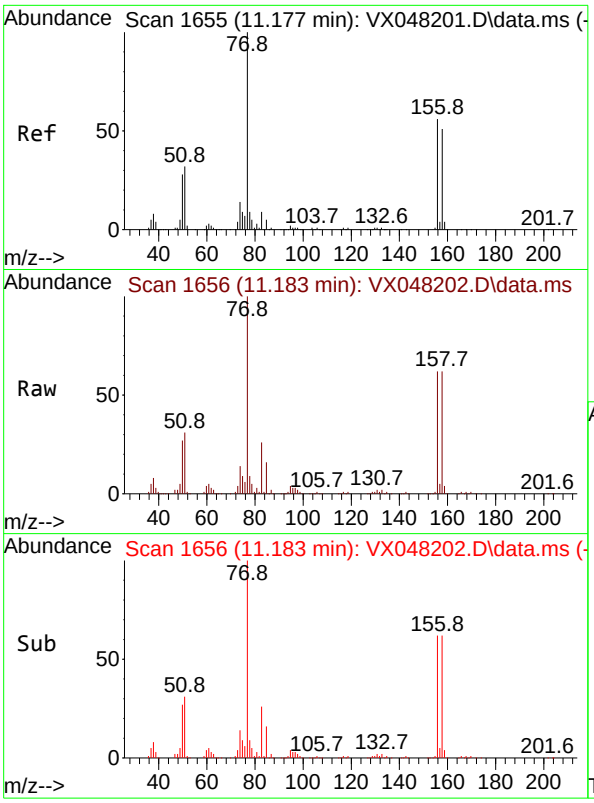


#76
1,2,3-Trichloropropane
Concen: 103.035 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 75 Resp: 154776

Ion	Ratio	Lower	Upper
75	100		
77	43.8	22.4	67.2





#77
Bromobenzene
Concen: 102.983 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:156 Resp: 17632

Ion	Ratio	Lower	Upper
156	100		
77	172.8	87.0	261.0
158	98.3	47.8	143.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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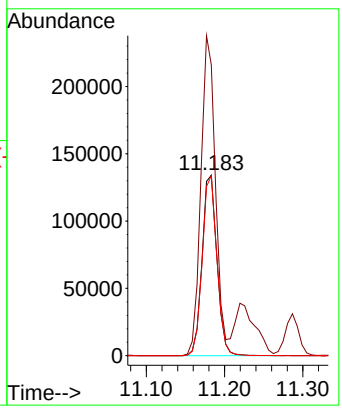
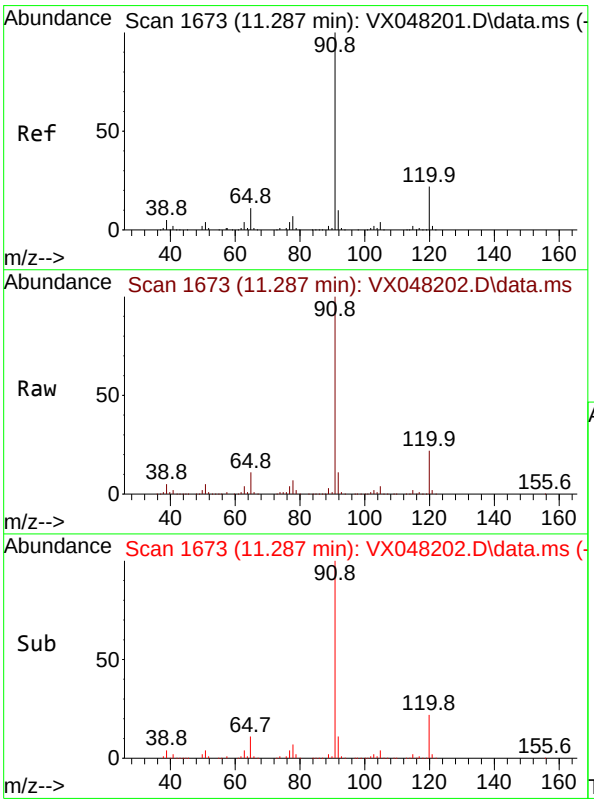
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

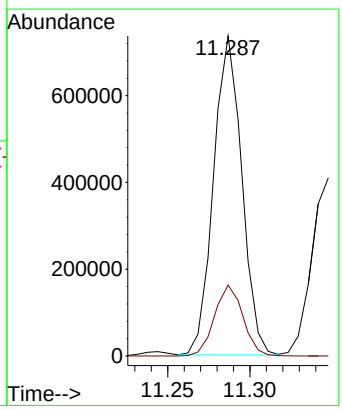


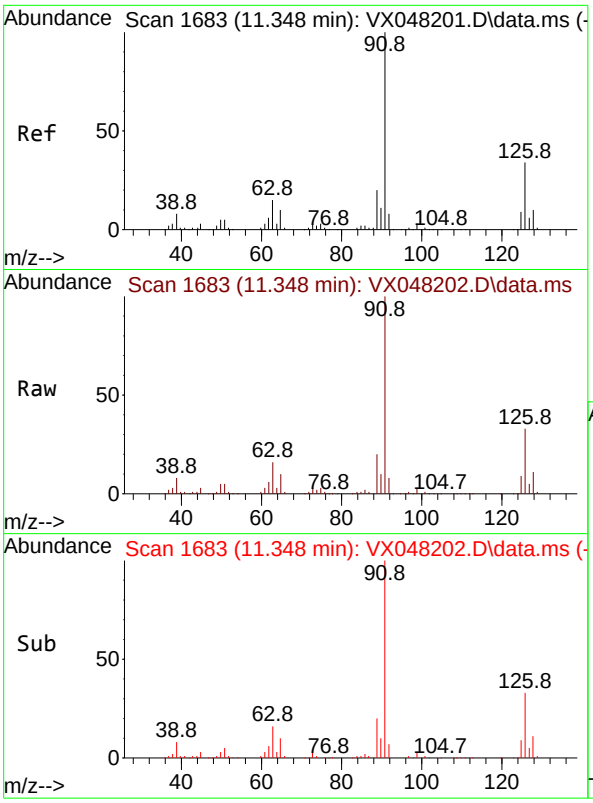


#78
n-propylbenzene
Concen: 105.759 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 91 Resp: 877504

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





#79
2-Chlorotoluene
Concen: 102.644 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 91 Resp: 514544

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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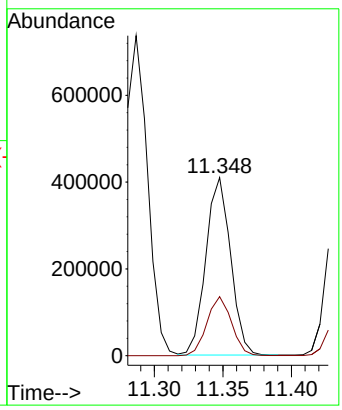
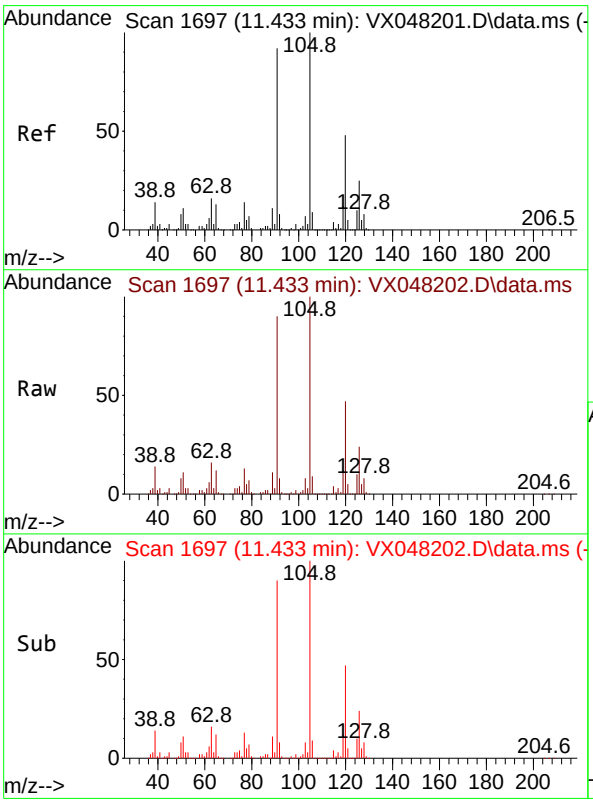
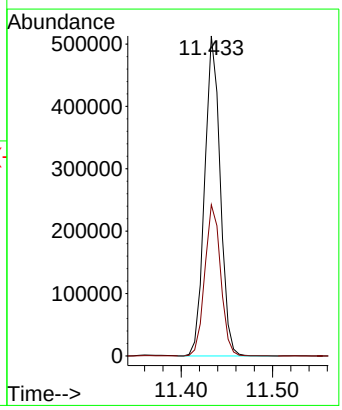


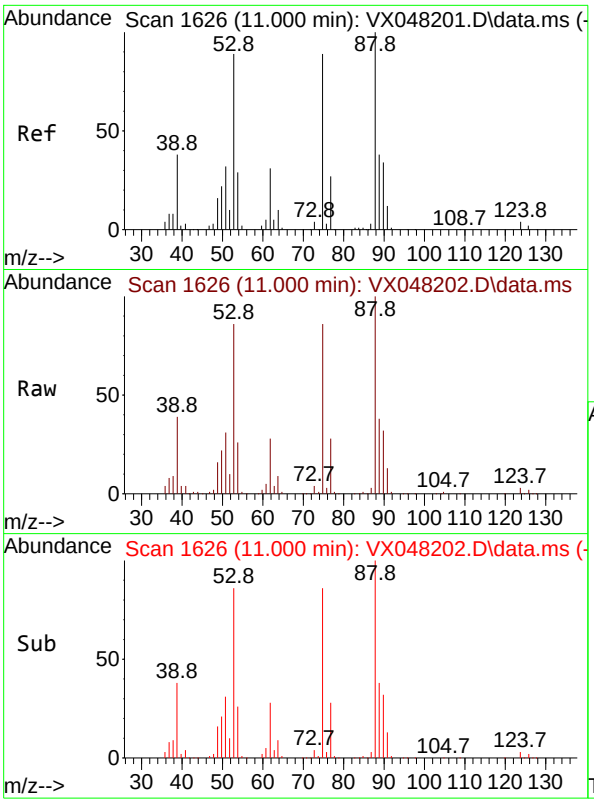


#80
1,3,5-Trimethylbenzene
Concen: 107.776 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:105 Resp: 605302

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.0	72.0

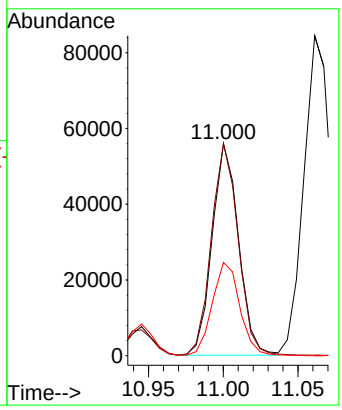




#81
trans-1,4-Dichloro-2-butene
Concen: 111.982 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 75 Resp: 6869

Ion	Ratio	Lower	Upper
75	100		
53	102.1	79.5	119.3
89	46.0	36.8	55.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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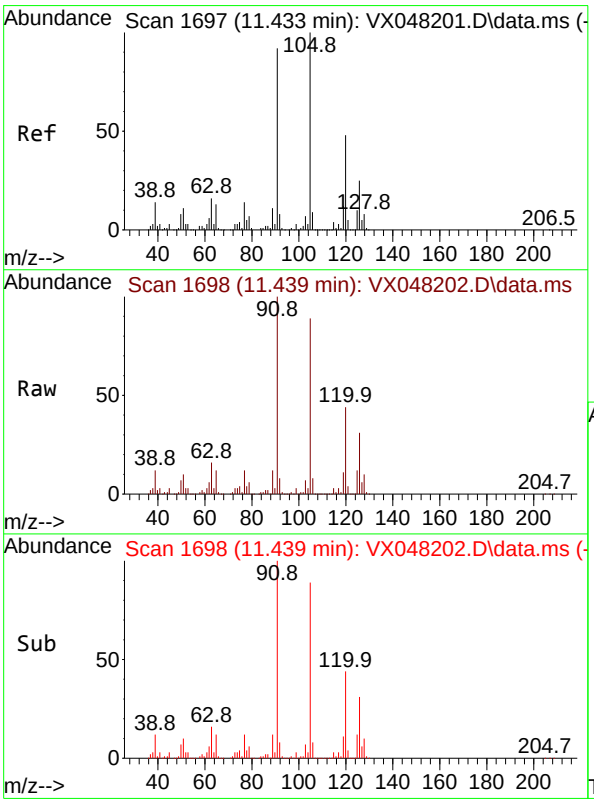
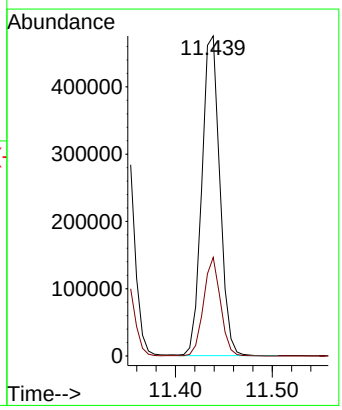
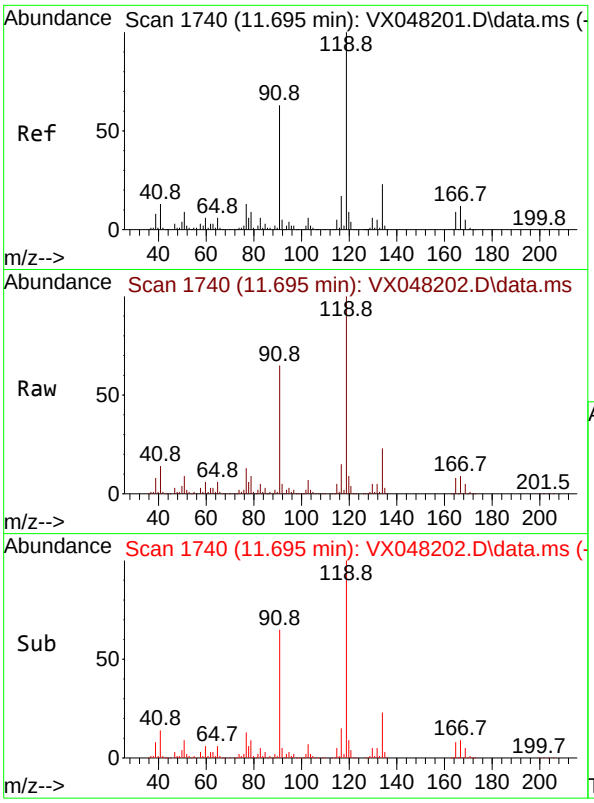


#82
4-Chlorotoluene
Concen: 104.628 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 91 Resp: 616367

Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.1	42.4

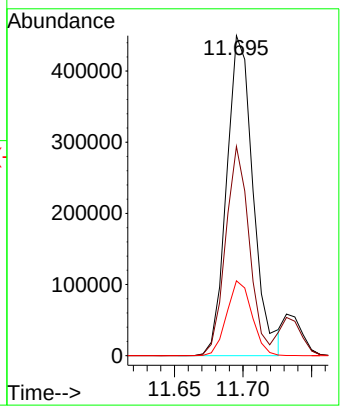




#83
tert-Butylbenzene
Concen: 106.306 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:119 Resp: 60317

Ion	Ratio	Lower	Upper
119	100		
91	58.7	30.3	91.0
134	22.4	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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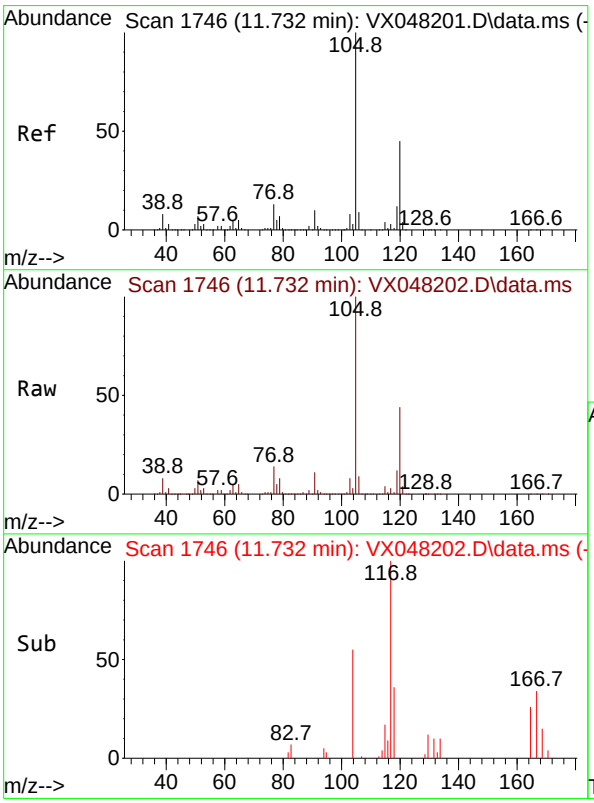
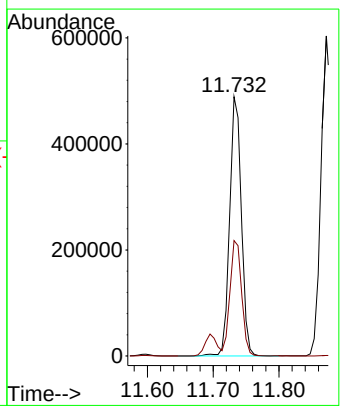
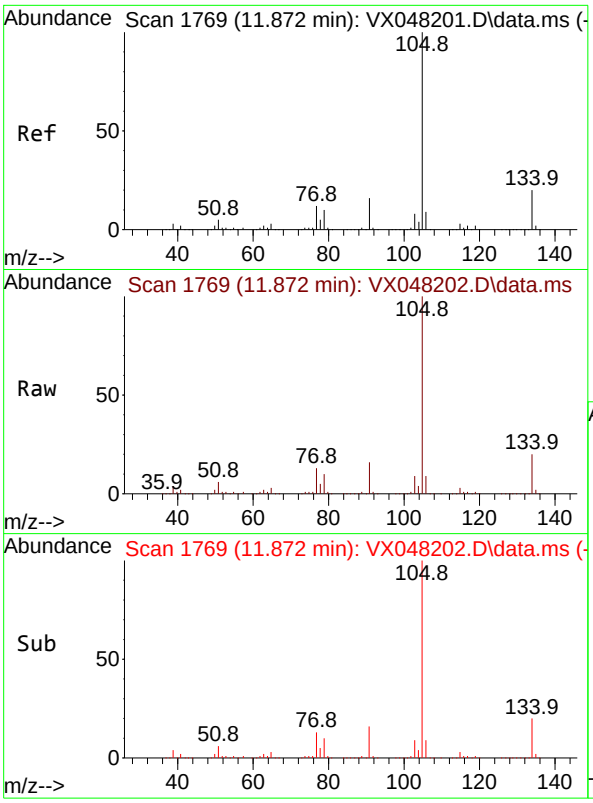


#84
1,2,4-Trimethylbenzene
Concen: 108.291 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:105 Resp: 605612

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.5

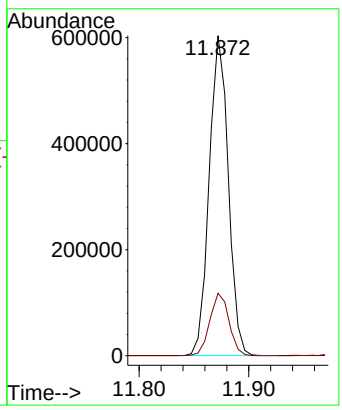




#85
sec-Butylbenzene
Concen: 105.153 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:105 Resp: 72940

Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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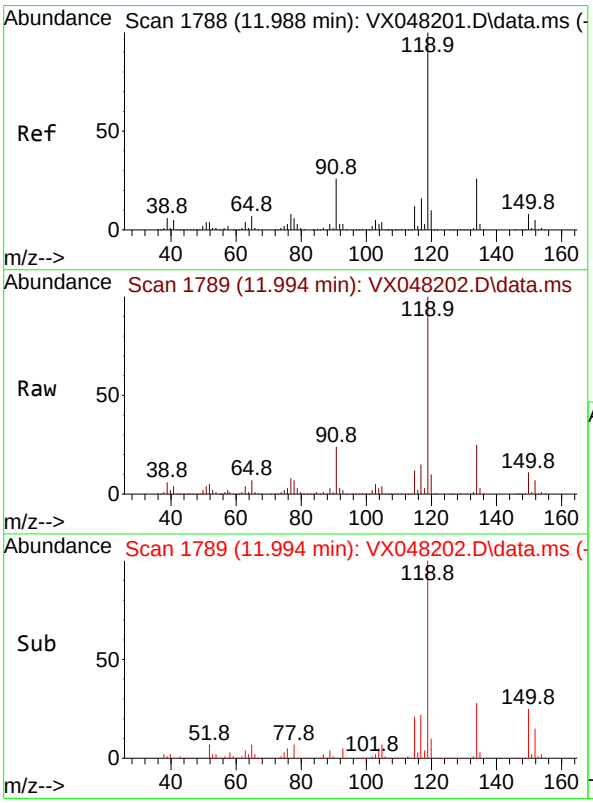
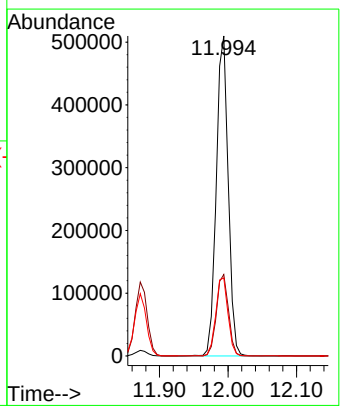
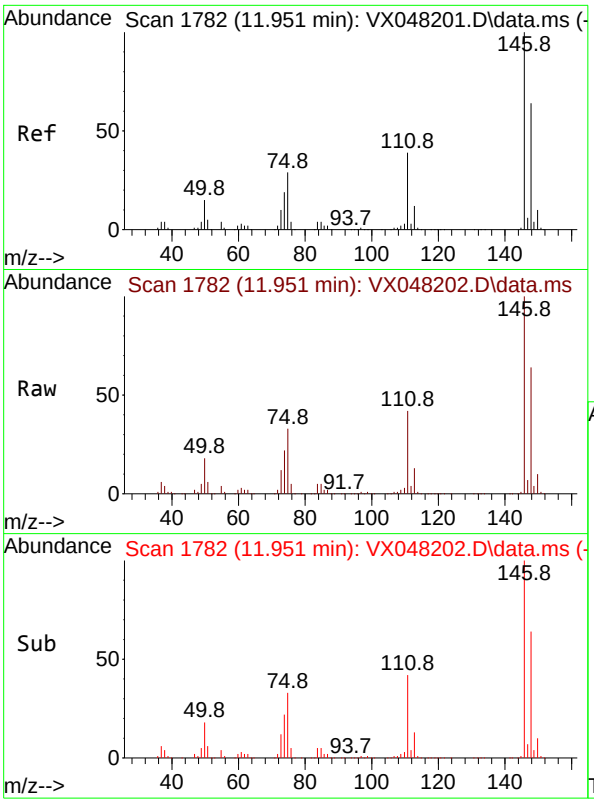


#86
p-Isopropyltoluene
Concen: 105.260 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:119 Resp: 615443

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	39.0
91	25.0	12.1	36.3

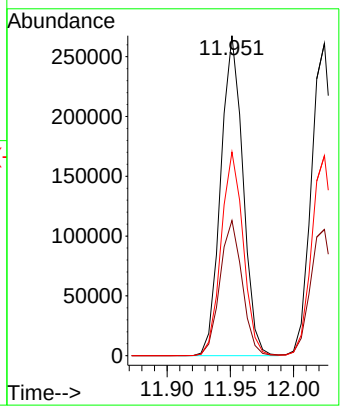




#87
1,3-Dichlorobenzene
Concen: 102.022 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:146 Resp: 32667

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.4	61.2
148	63.4	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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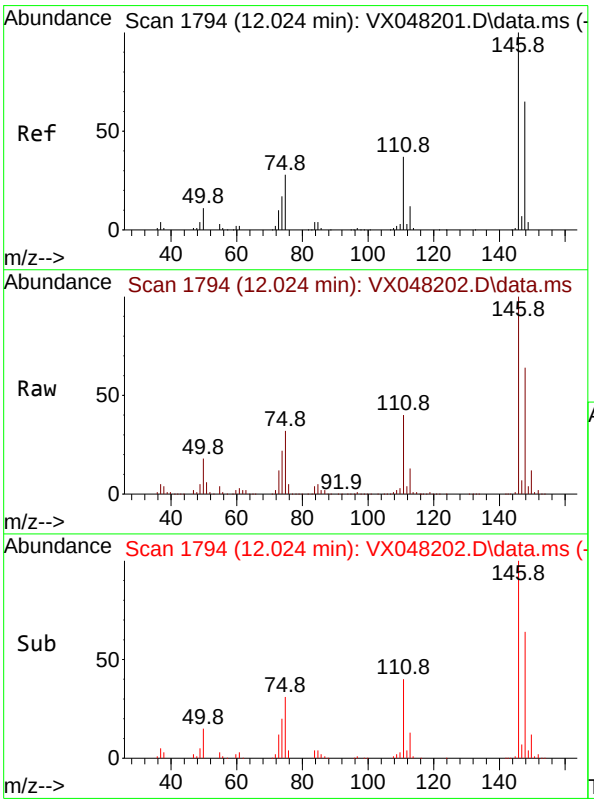
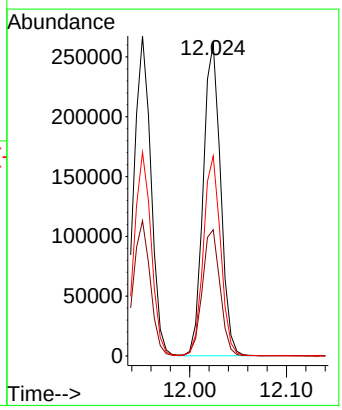
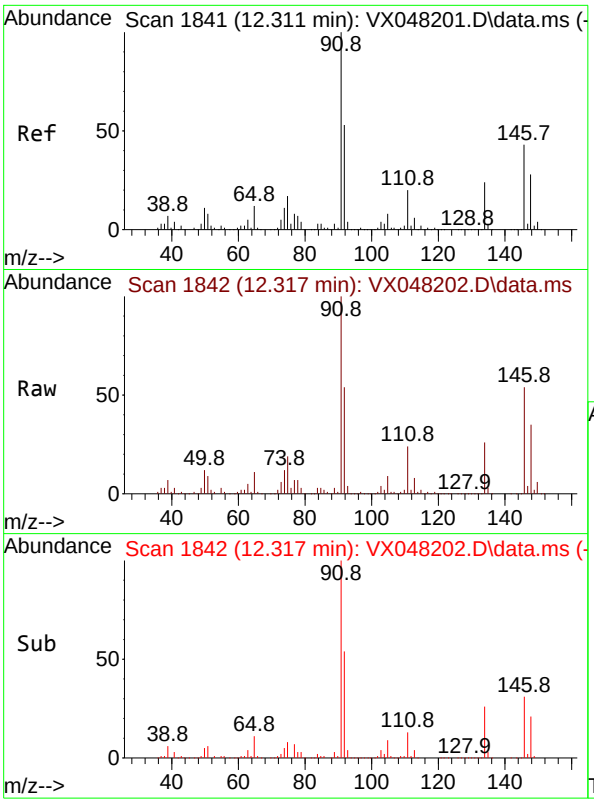


#88
1,4-Dichlorobenzene
Concen: 98.575 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:146 Resp: 327189

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.2
148	63.2	31.8	95.3

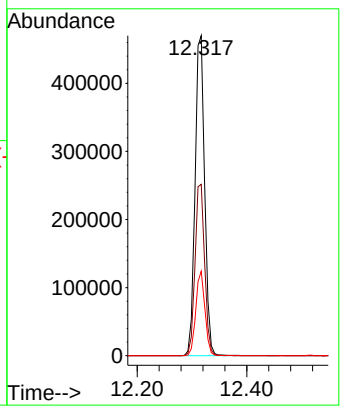




#89
n-Butylbenzene
Concen: 105.286 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 91 Resp: 57337

Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.9	80.6
134	25.2	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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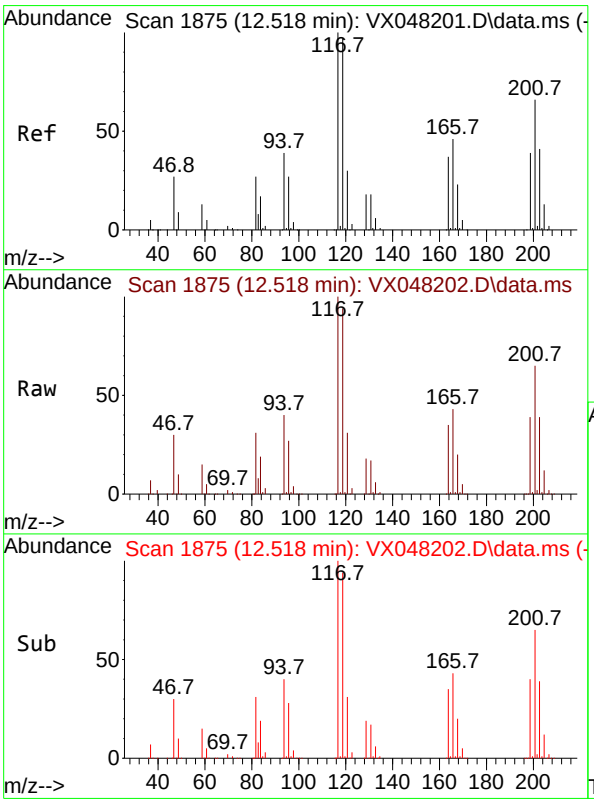
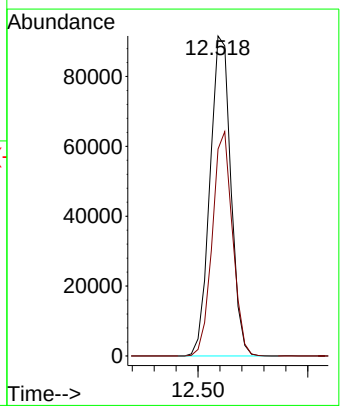
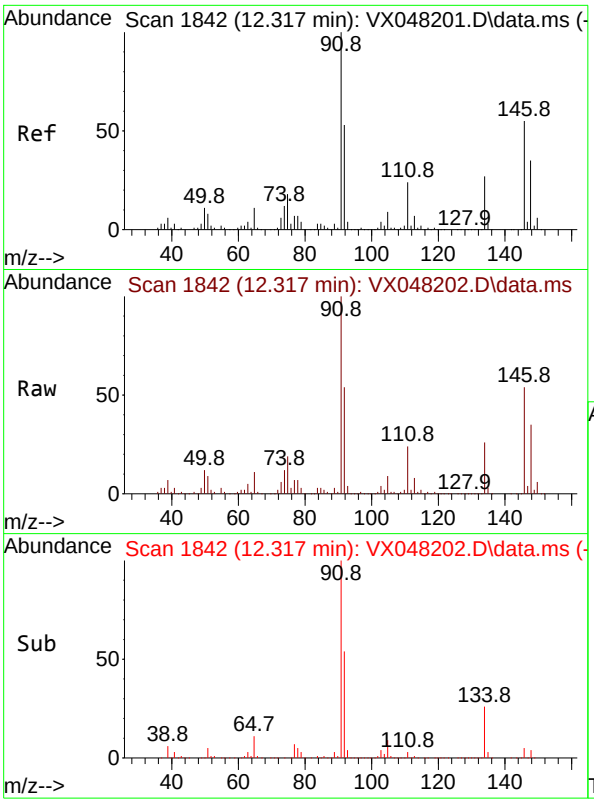


#90
Hexachloroethane
Concen: 98.034 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:117 Resp: 120982

Ion	Ratio	Lower	Upper
117	100		
201	68.0	34.1	102.2

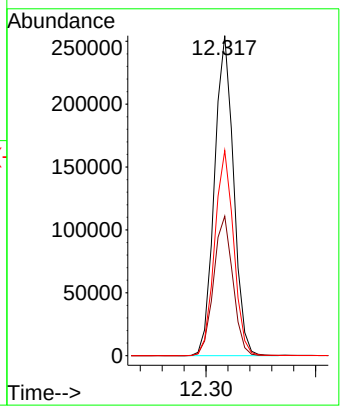




#91
1,2-Dichlorobenzene
Concen: 101.993 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:146 Resp: 30855

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.5
148	63.7	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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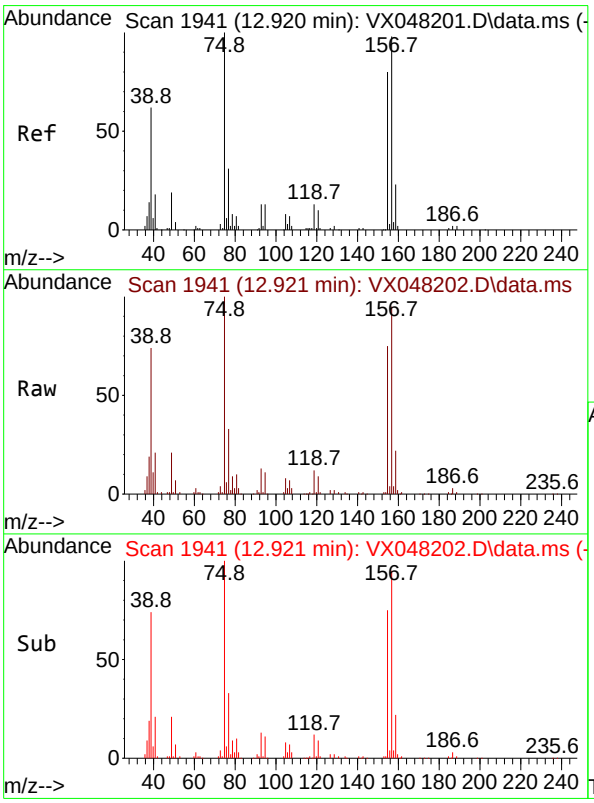
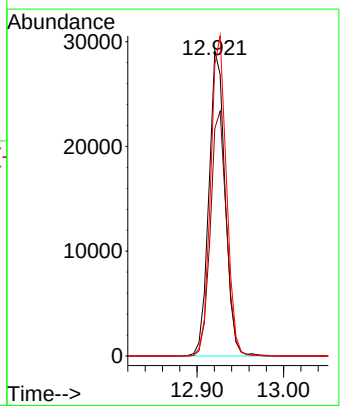
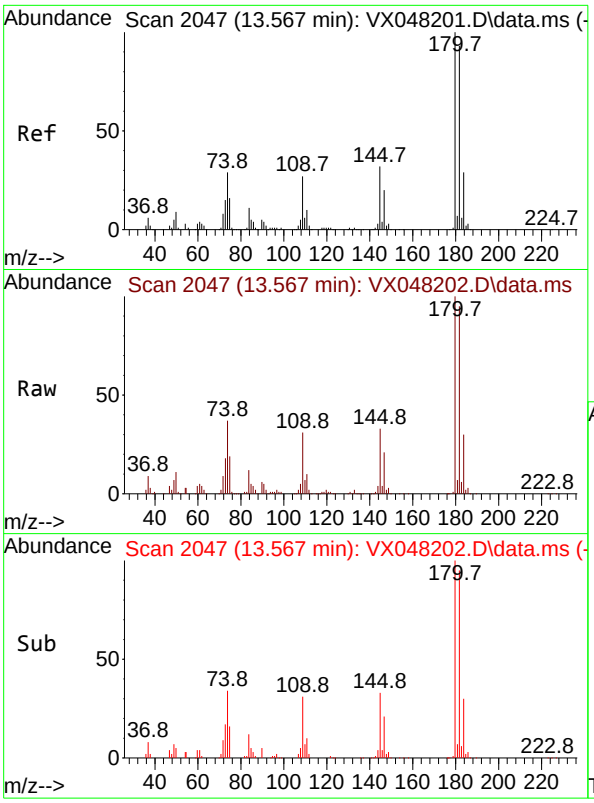


#92
1,2-Dibromo-3-Chloropropane
Concen: 106.717 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion: 75 Resp: 37798

Ion	Ratio	Lower	Upper
75	100		
155	79.3	42.8	128.4
157	102.2	54.2	162.6

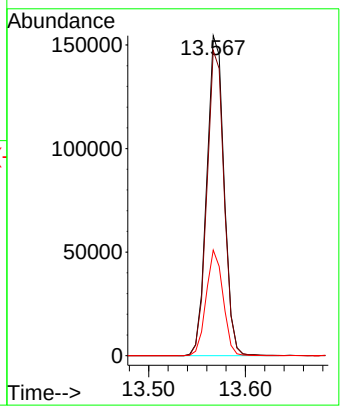




#93
1,2,4-Trichlorobenzene
Concen: 107.629 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:180 Resp: 19221

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	32.3	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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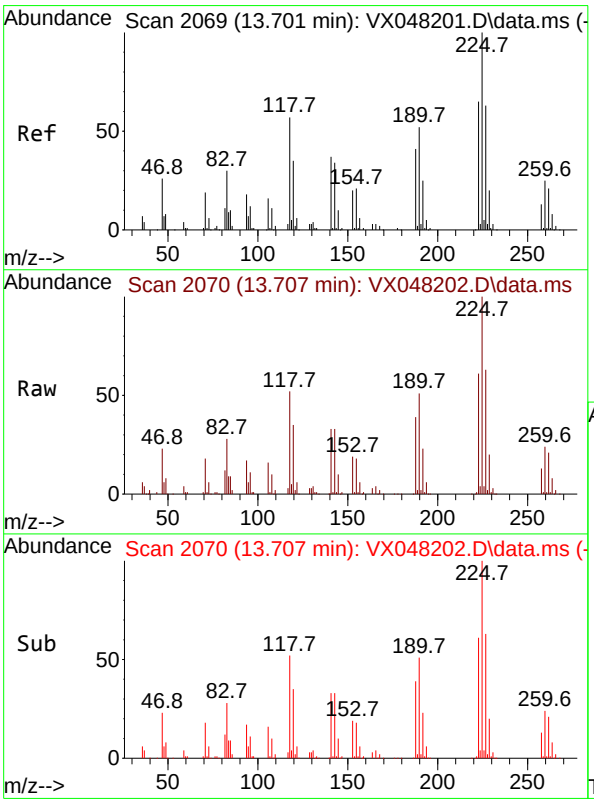
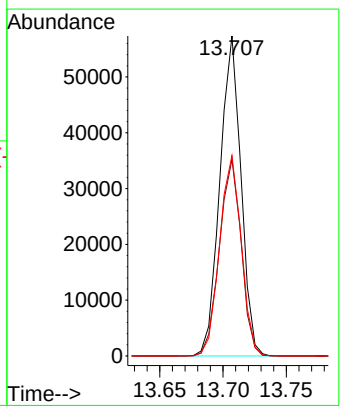
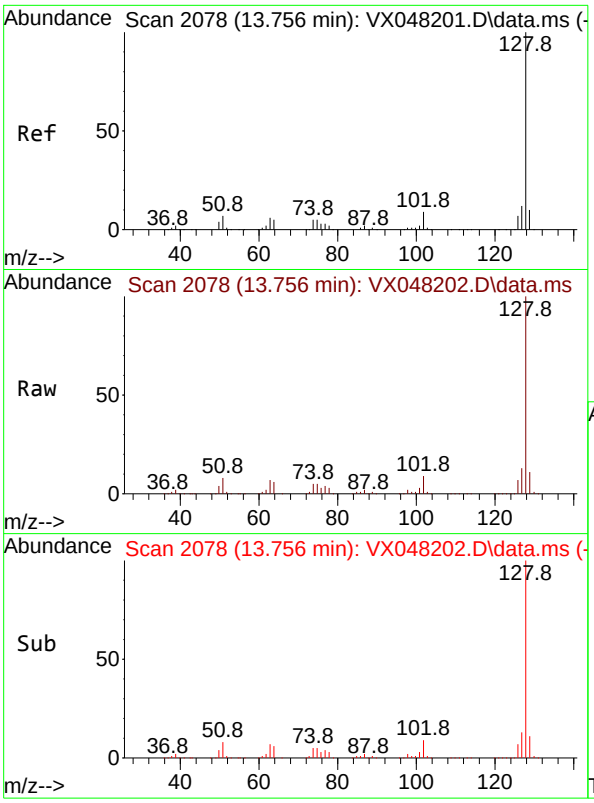


#94
Hexachlorobutadiene
Concen: 96.208 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:225 Resp: 66266

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.6	97.7
227	64.4	32.5	97.4

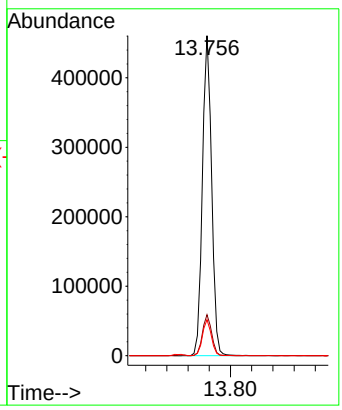




#95
Naphthalene
Concen: 118.037 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:128 Resp: 55568

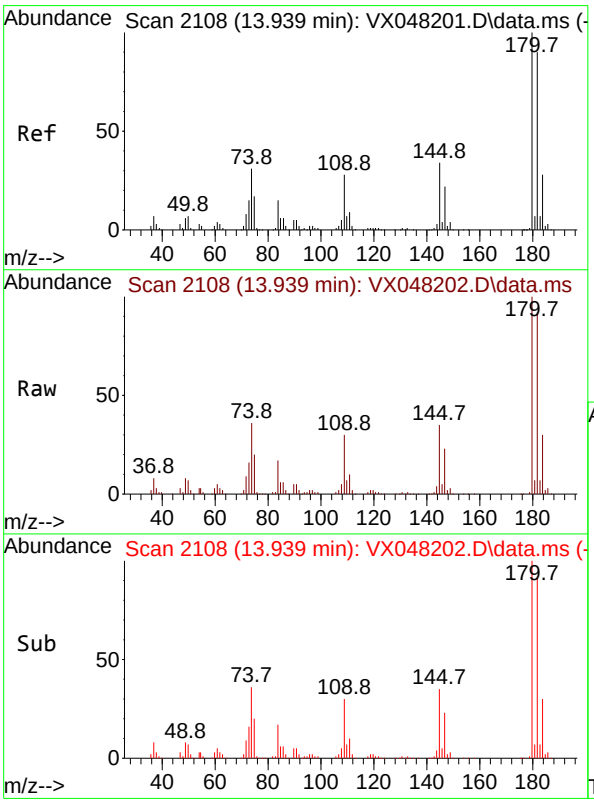
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

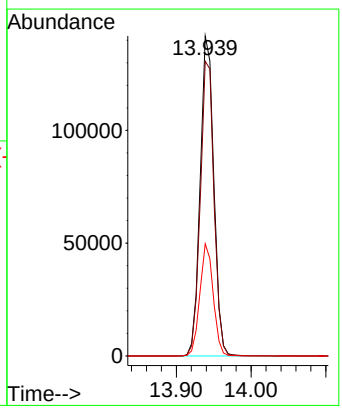
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 108.933 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048202.D
Acq: 17 Oct 2025 10:16

Tgt Ion:180 Resp: 179498

Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.6	139.7
145	34.4	16.9	50.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048203.D
Acq On : 17 Oct 2025 10:36
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 17 23:54:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	117704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	210821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	188406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	90909	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	274559	150.569	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 301.140%#			
35) Dibromofluoromethane	5.373	113	210113	143.603	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 287.200%#			
50) Toluene-d8	8.635	98	800240	151.816	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 303.640%#			
62) 4-Bromofluorobenzene	11.061	95	297432	154.922	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 309.840%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	191262	154.821	ug/l	97
3) Chloromethane	1.301	50	233858	156.258	ug/l	100
4) Vinyl Chloride	1.380	62	252817	160.313	ug/l	100
5) Bromomethane	1.605	94	147750m	143.112	ug/l	
6) Chloroethane	1.691	64	152304	151.760	ug/l	96
7) Trichlorofluoromethane	1.892	101	377782	152.619	ug/l	100
8) Diethyl Ether	2.136	74	132579	157.022	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	209786	150.397	ug/l	100
10) Methyl Iodide	2.453	142	294909	176.512	ug/l	99
11) Tert butyl alcohol	2.953	59	97891	809.075	ug/l	99
12) 1,1-Dichloroethene	2.325	96	217022	159.115	ug/l	95
13) Acrolein	2.233	56	201849	793.819	ug/l	99
14) Allyl chloride	2.666	41	397515	162.023	ug/l	99
15) Acrylonitrile	3.056	53	495164	854.076	ug/l	100
16) Acetone	2.374	43	443536	713.033	ug/l	99
17) Carbon Disulfide	2.514	76	645532	153.827	ug/l	99
18) Methyl Acetate	2.697	43	208225	164.350	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	694786	169.112	ug/l	99
20) Methylene Chloride	2.788	84	241039	159.065	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	228947	162.254	ug/l	98
22) Diisopropyl ether	3.751	45	784834	163.368	ug/l	100
23) Vinyl Acetate	3.715	43	3085268	858.886	ug/l	100
24) 1,1-Dichloroethane	3.605	63	429425	157.560	ug/l	100
25) 2-Butanone	4.538	43	585250	807.571	ug/l	98
26) 2,2-Dichloropropane	4.465	77	369019	158.405	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	271629	162.203	ug/l	99
28) Bromochloromethane	4.885	49	212685	169.292	ug/l	96
29) Tetrahydrofuran	4.983	42	355888	836.226	ug/l	99
30) Chloroform	5.080	83	438527	152.827	ug/l	98
31) Cyclohexane	5.458	56	320574	143.749	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	346247	146.860	ug/l	99
36) 1,1-Dichloropropene	5.684	75	274873	133.359	ug/l	100
37) Ethyl Acetate	4.696	43	263583	160.015	ug/l	100
38) Carbon Tetrachloride	5.666	117	315826	133.495	ug/l	99
39) Methylcyclohexane	7.367	83	357557	153.856	ug/l	96
40) Benzene	6.025	78	906330	148.085	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048203.D
Acq On : 17 Oct 2025 10:36
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 17 23:54:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.910	41	143876	163.089 ug/l		98
42) 1,2-Dichloroethane	6.074	62	321581	146.655 ug/l		98
43) Isopropyl Acetate	6.324	43	445943	161.273 ug/l		98
44) Trichloroethene	7.111	130	226452	146.811 ug/l		97
45) 1,2-Dichloropropane	7.415	63	231605	149.522 ug/l		99
46) Dibromomethane	7.568	93	164711	147.789 ug/l		99
47) Bromodichloromethane	7.806	83	356656	148.066 ug/l		99
48) Methyl methacrylate	7.678	41	229909	162.424 ug/l		98
49) 1,4-Dioxane	7.647	88	41831	3283.029 ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	1217261	791.106 ug/l		98
52) Toluene	8.702	92	565979	153.859 ug/l		99
53) t-1,3-Dichloropropene	8.964	75	365322	161.891 ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	391297	159.088 ug/l		97
55) 1,1,2-Trichloroethane	9.135	97	203730	148.432 ug/l		99
56) Ethyl methacrylate	9.104	69	322997	173.022 ug/l		99
57) 1,3-Dichloropropane	9.293	76	361920	150.926 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	899124	751.288 ug/l		100
59) 2-Hexanone	9.415	43	849774	789.557 ug/l		98
60) Dibromochloromethane	9.506	129	261816	152.397 ug/l		100
61) 1,2-Dibromoethane	9.592	107	214969	152.744 ug/l		98
64) Tetrachloroethene	9.256	164	187250	141.745 ug/l		99
65) Chlorobenzene	10.061	112	618687	150.186 ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.147	131	217603	146.584 ug/l		100
67) Ethyl Benzene	10.177	91	1093674	154.857 ug/l		99
68) m/p-Xylenes	10.287	106	812262	308.720 ug/l		98
69) o-Xylene	10.622	106	390402	157.625 ug/l		99
70) Styrene	10.640	104	679119	159.295 ug/l		99
71) Bromoform	10.781	173	163653	150.124 ug/l	#	98
73) Isopropylbenzene	10.945	105	1000890	158.294 ug/l		100
74) N-amyl acetate	10.823	43	400695	169.869 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	269668	150.544 ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	213642m	153.898 ug/l		
77) Bromobenzene	11.183	156	244233	154.353 ug/l		100
78) n-propylbenzene	11.287	91	1193225	155.616 ug/l		99
79) 2-Chlorotoluene	11.348	91	703746	151.911 ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	821868	158.350 ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	97497	171.972 ug/l		99
82) 4-Chlorotoluene	11.439	91	847504	155.674 ug/l		100
83) tert-Butylbenzene	11.695	119	832967	158.856 ug/l		97
84) 1,2,4-Trimethylbenzene	11.732	105	818722	158.416 ug/l		99
85) sec-Butylbenzene	11.872	105	1003314	156.515 ug/l		99
86) p-Isopropyltoluene	11.994	119	839384	155.346 ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	447676	151.287 ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	450413	146.840 ug/l		99
89) n-Butylbenzene	12.311	91	790908	157.153 ug/l		99
90) Hexachloroethane	12.518	117	168545	147.787 ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	429167	153.505 ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	53414	163.187 ug/l		93
93) 1,2,4-Trichlorobenzene	13.567	180	272260	164.961 ug/l		100
94) Hexachlorobutadiene	13.707	225	95077	149.369 ug/l		98
95) Naphthalene	13.756	128	793583	182.408 ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	253674	166.587 ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048203.D
Acq On : 17 Oct 2025 10:36
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Quant Time: Oct 17 23:54:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

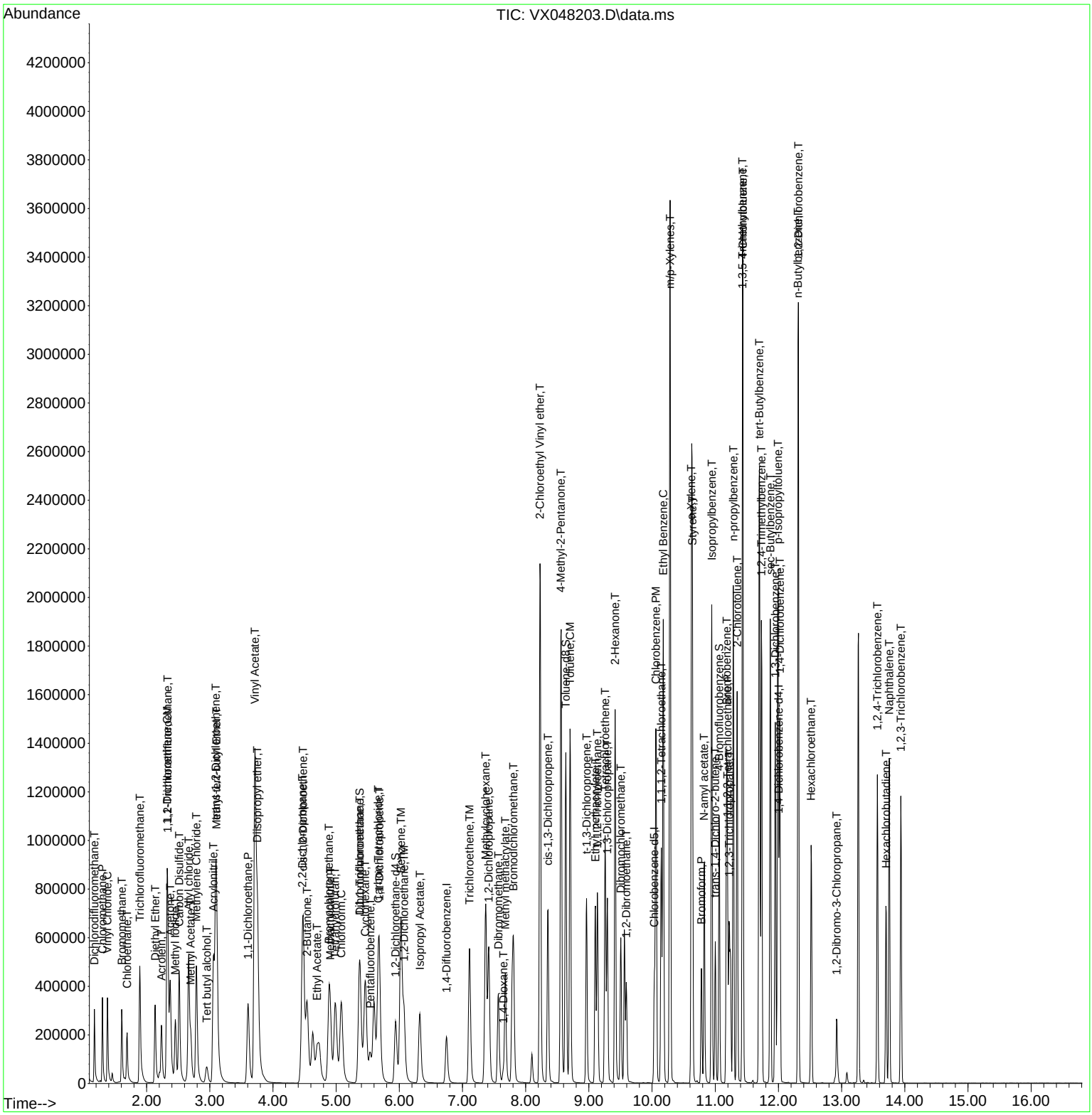
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048203.D
Acq On : 17 Oct 2025 10:36
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

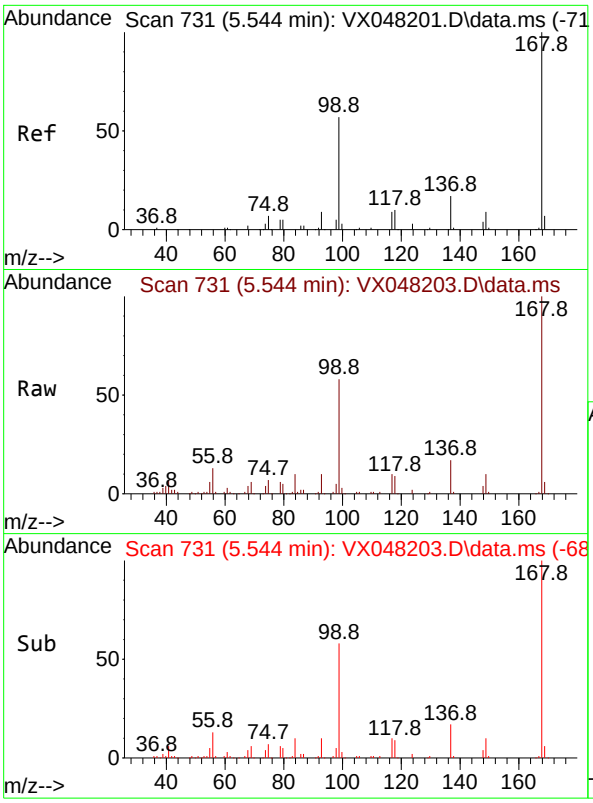
Quant Time: Oct 17 23:54:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

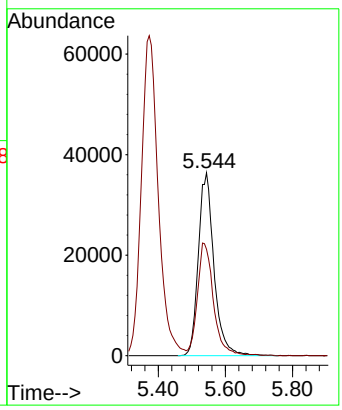




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:168 Resp: 11770

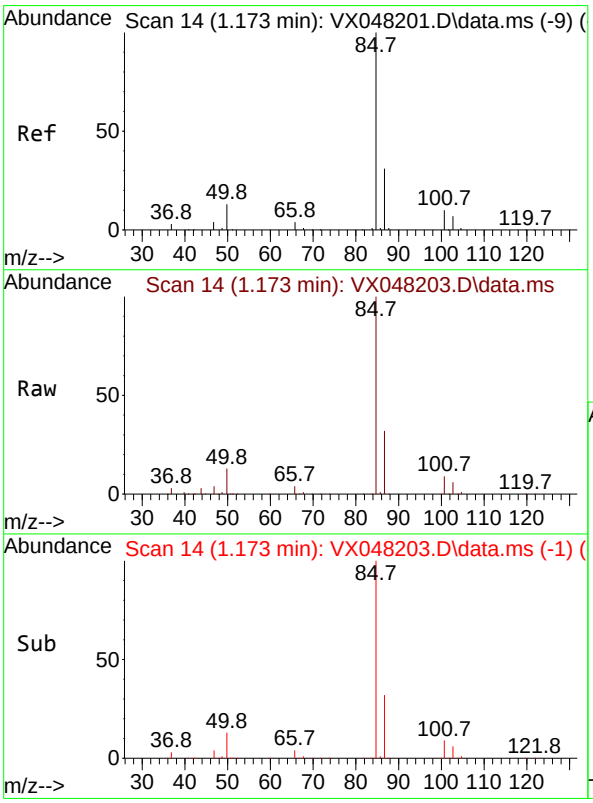
Ion	Ratio	Lower	Upper
168	100		
99	58.2	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

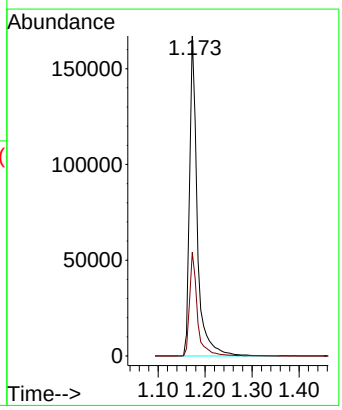
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

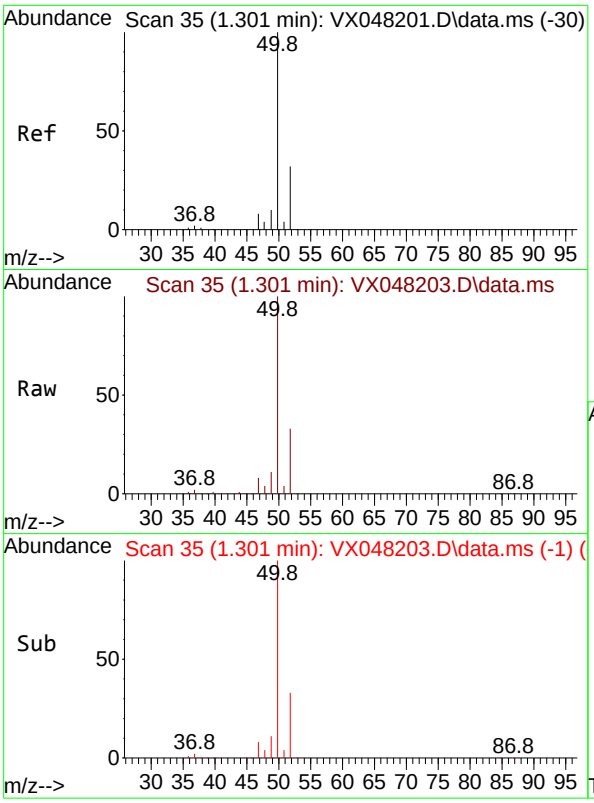


#2
Dichlorodifluoromethane
Concen: 154.821 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 85 Resp: 191262

Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.3	45.9

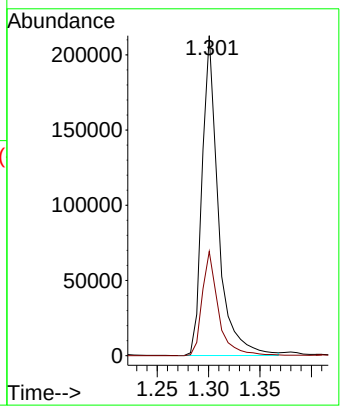




#3
Chloromethane
Concen: 156.258 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 50 Resp: 23385

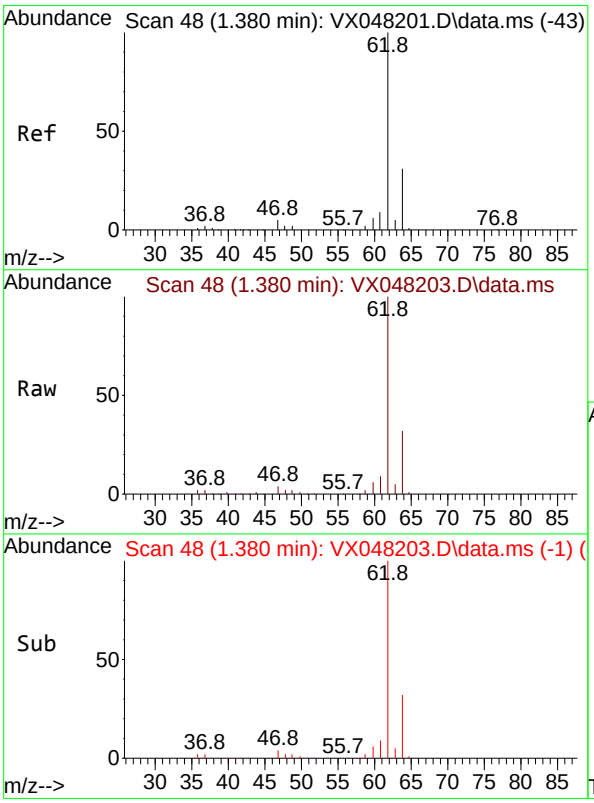
Ion	Ratio	Lower	Upper
50	100		
52	32.6	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

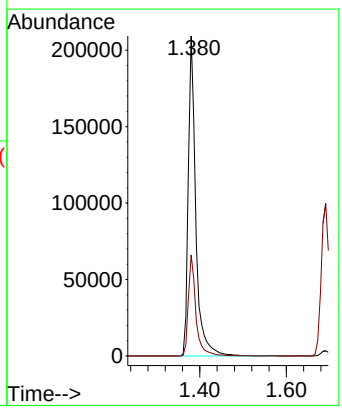
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

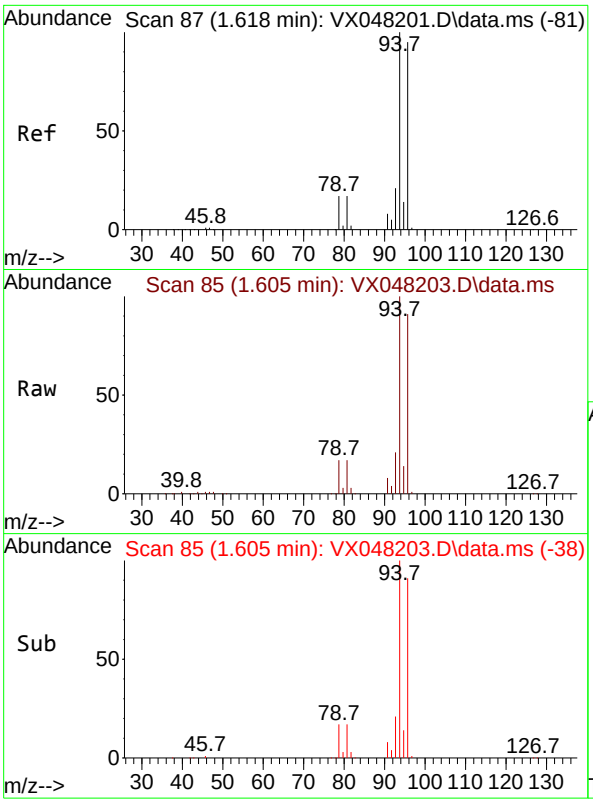


#4
Vinyl Chloride
Concen: 160.313 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 62 Resp: 252817

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.1	37.7

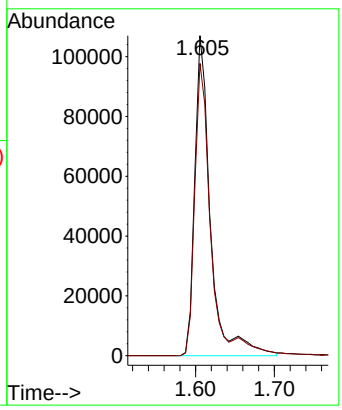




#5
Bromomethane
Concen: 143.112 ug/l m
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 94 Resp: 14775

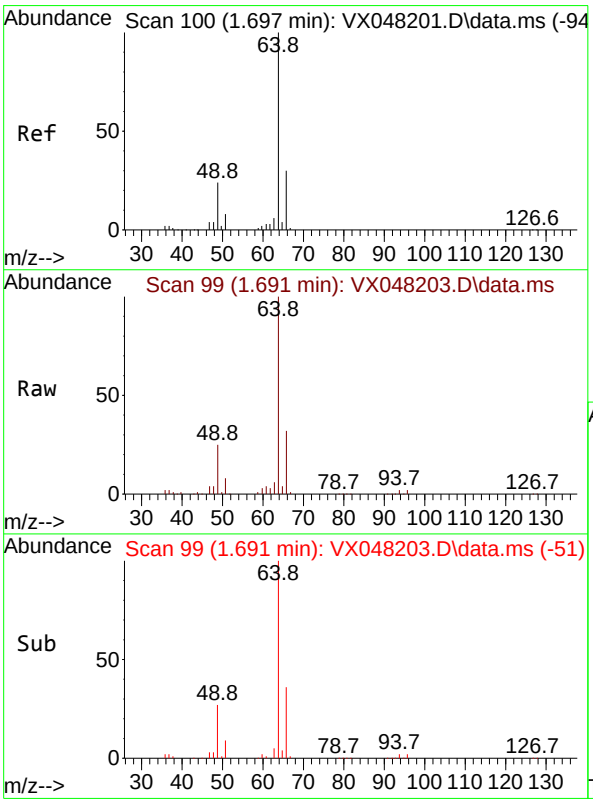
Ion	Ratio	Lower	Upper
94	100		
96	91.3	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

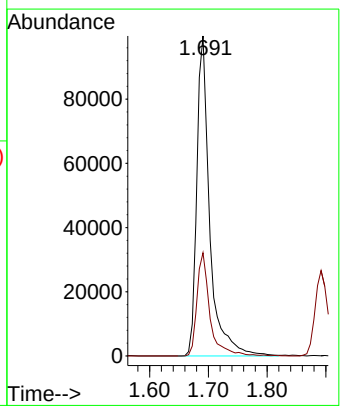
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

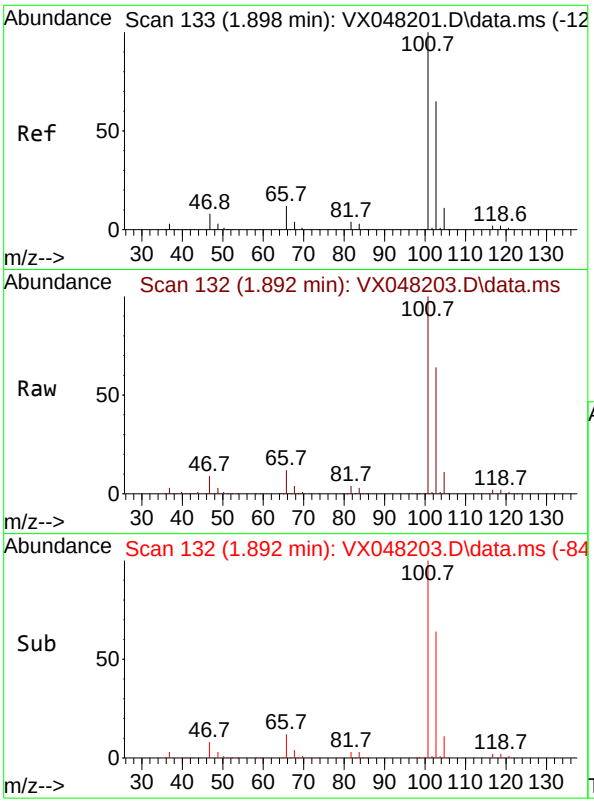


#6
Chloroethane
Concen: 151.760 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 64 Resp: 152304

Ion	Ratio	Lower	Upper
64	100		
66	32.3	23.9	35.9

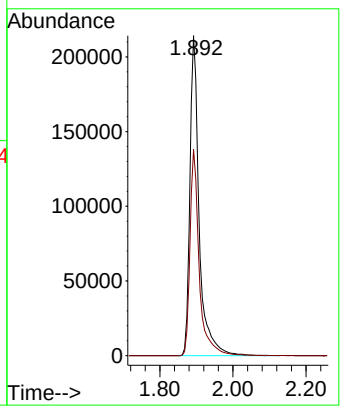




#7
Trichlorofluoromethane
Concen: 152.619 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:101 Resp: 37778

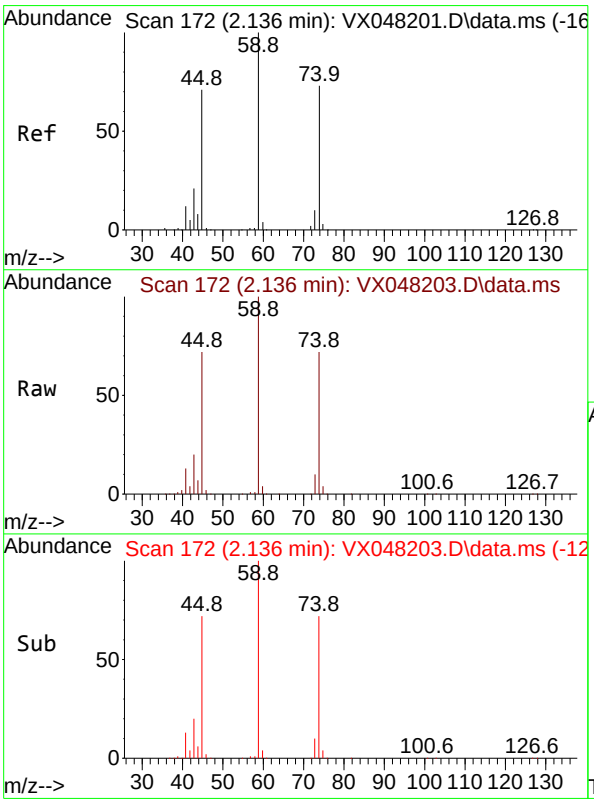
Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.6	77.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

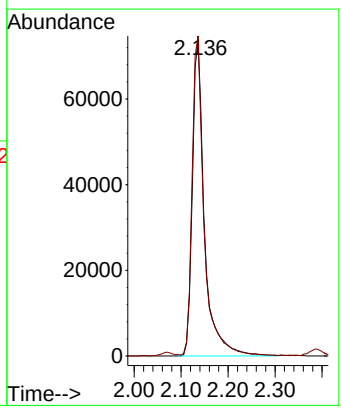
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

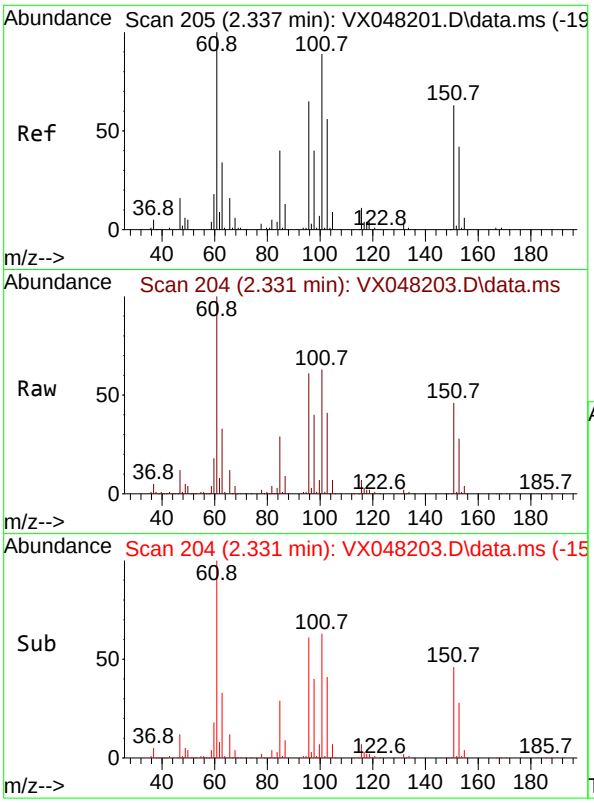


#8
Diethyl Ether
Concen: 157.022 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 74 Resp: 132579

Ion	Ratio	Lower	Upper
74	100		
45	99.7	50.0	149.8

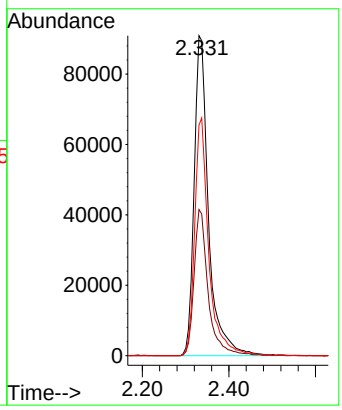




#9
1,1,2-Trichlorotrifluoroethane
Concen: 150.397 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:101 Resp: 20978

Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.6	53.4
151	72.9	58.0	87.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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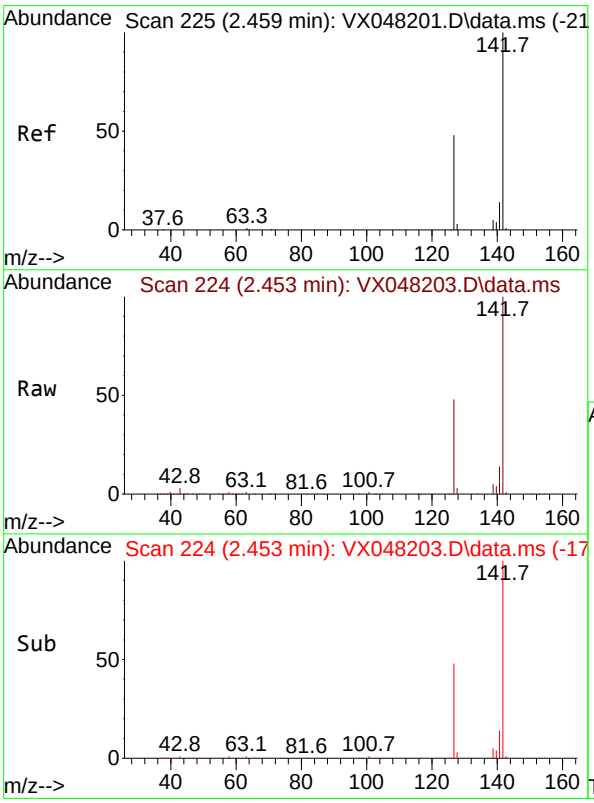
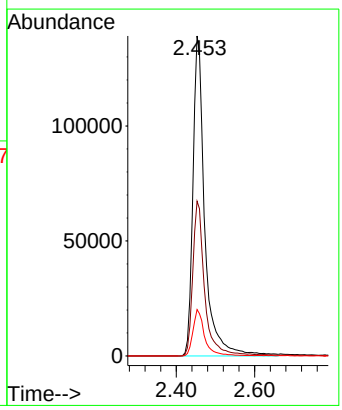
Supervised By :Mahesh Dadoda 10/20/2025

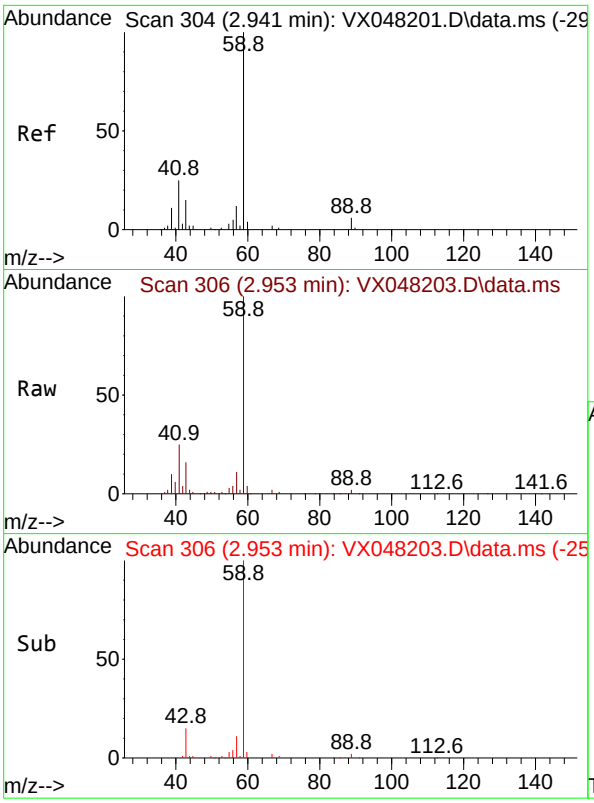


#10
Methyl Iodide
Concen: 176.512 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:142 Resp: 294909

Ion	Ratio	Lower	Upper
142	100		
127	48.9	38.5	57.7
141	14.4	11.6	17.4

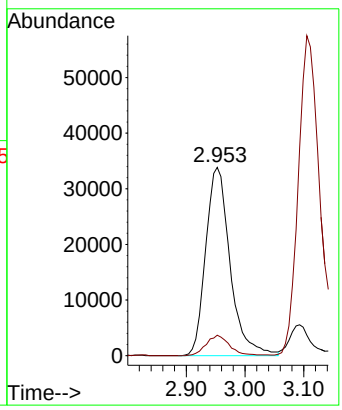




#11
Tert butyl alcohol
Concen: 809.075 ug/l
RT: 2.953 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 59 Resp: 9789

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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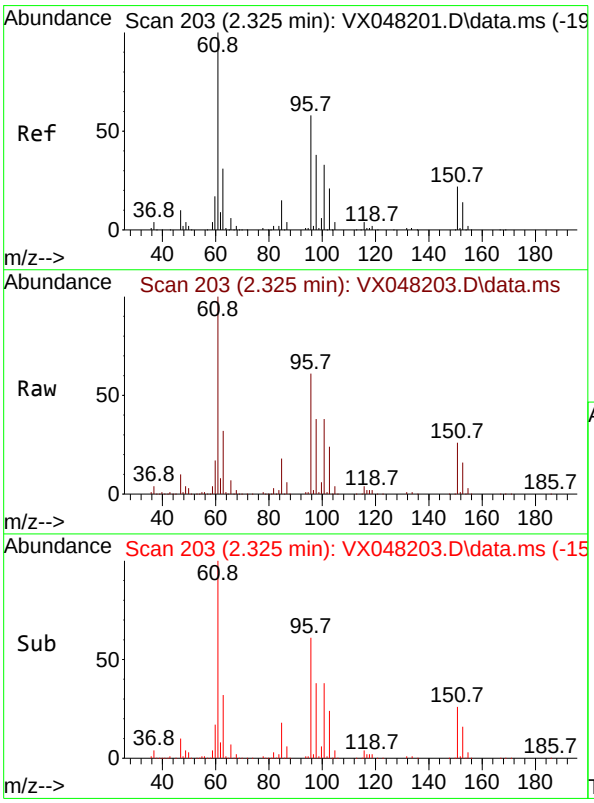
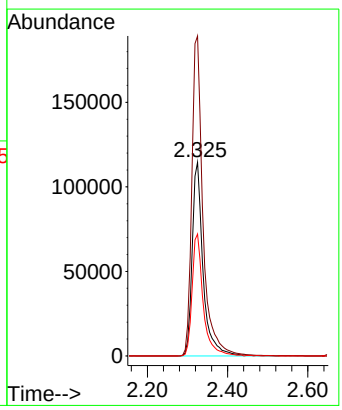
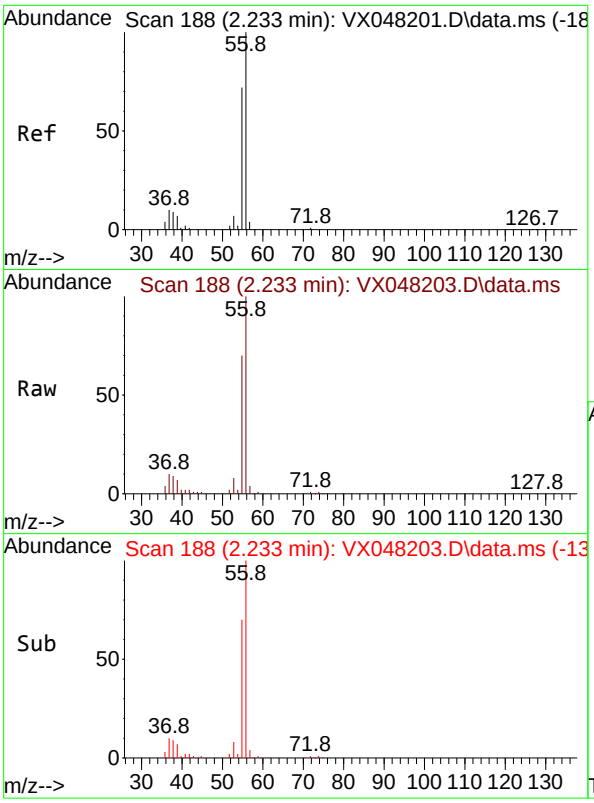


#12
1,1-Dichloroethene
Concen: 159.115 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 96 Resp: 217022

Ion	Ratio	Lower	Upper
96	100		
61	165.1	139.0	208.6
98	62.9	52.4	78.6

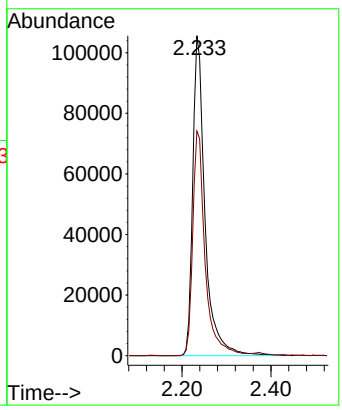




#13
Acrolein
Concen: 793.819 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 56 Resp: 20184

Ion	Ratio	Lower	Upper
56	100		
55	70.8	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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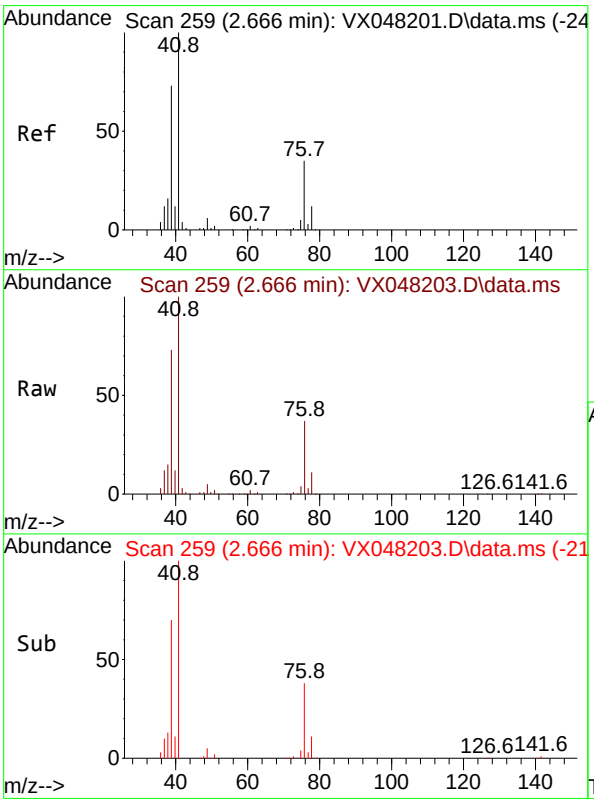
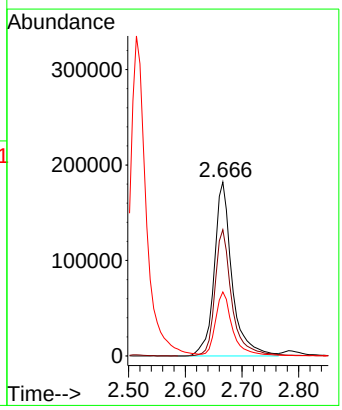
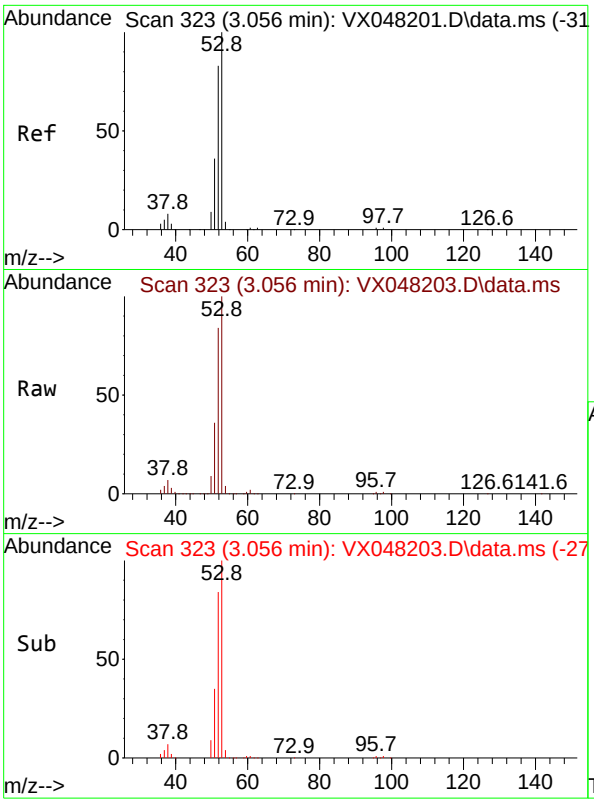


#14
Allyl chloride
Concen: 162.023 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 41 Resp: 397515

Ion	Ratio	Lower	Upper
41	100		
39	69.2	56.0	84.0
76	35.1	27.5	41.3

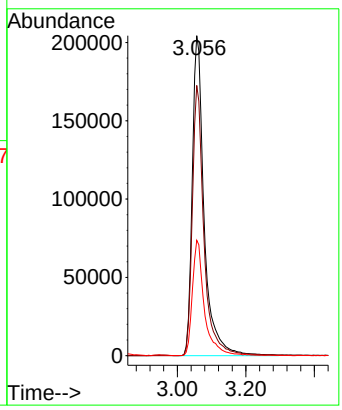




#15
Acrylonitrile
Concen: 854.076 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 53 Resp: 49516

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	36.3	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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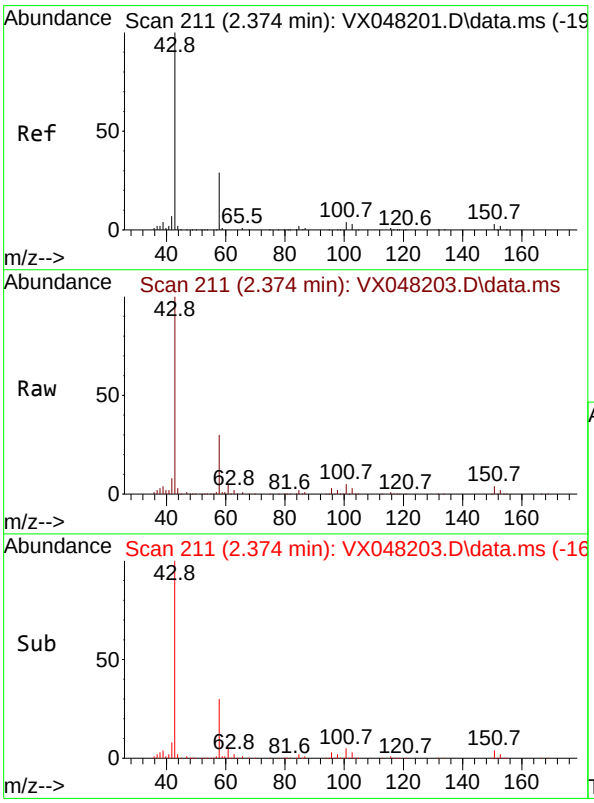
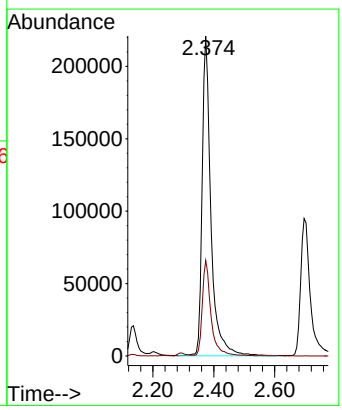
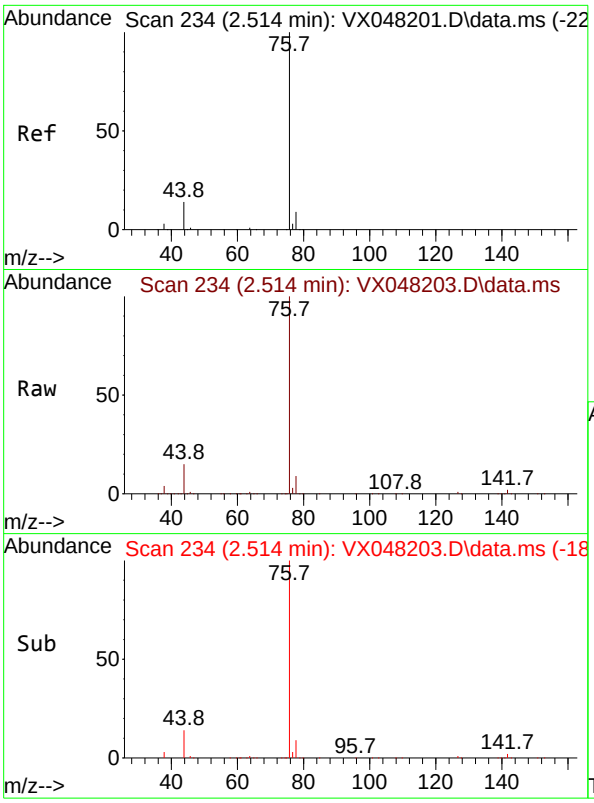


#16
Acetone
Concen: 713.033 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 443536

Ion	Ratio	Lower	Upper
43	100		
58	29.8	23.4	35.2

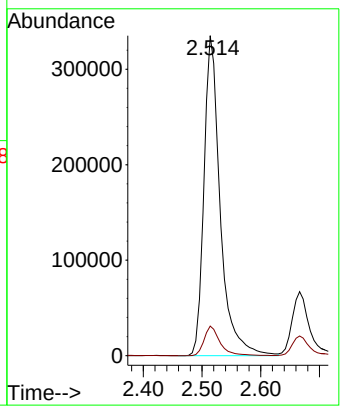




#17
Carbon Disulfide
Concen: 153.827 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 76 Resp: 64553

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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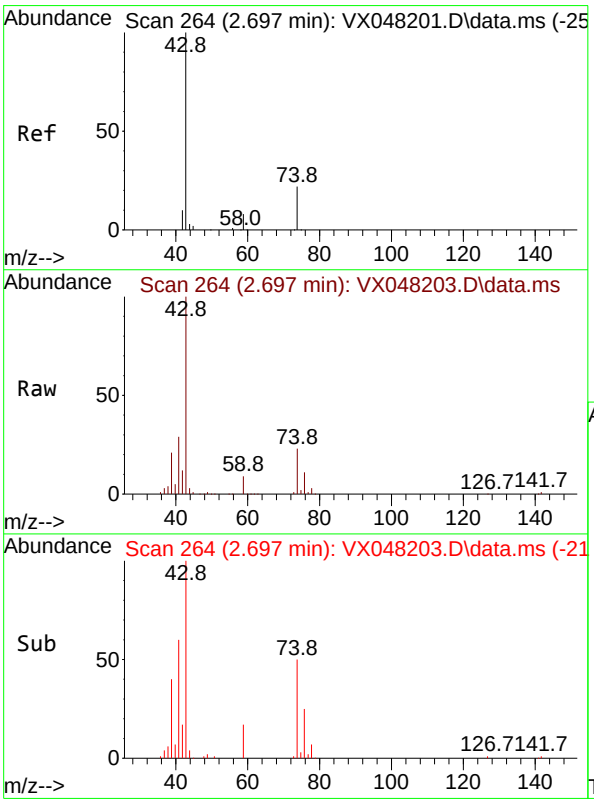
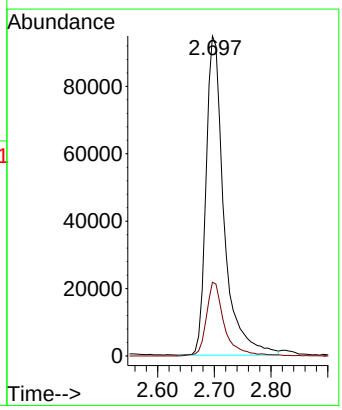
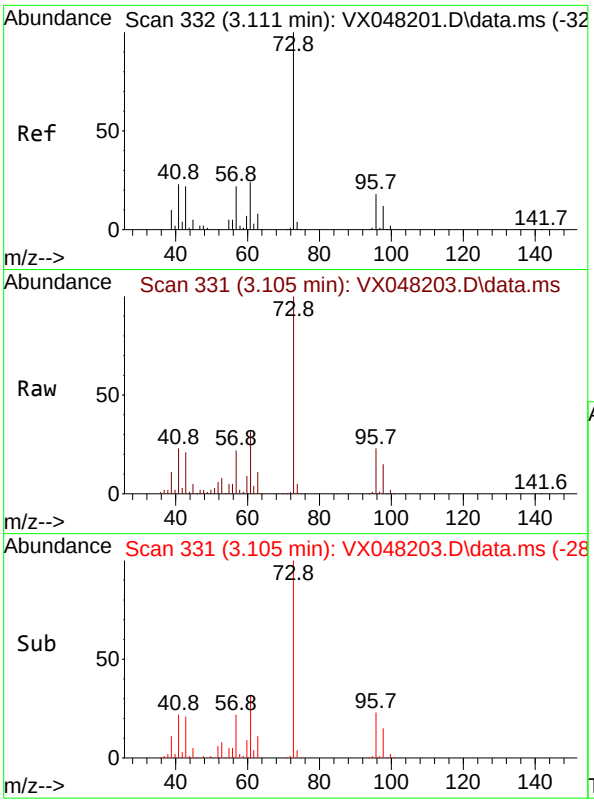


#18
Methyl Acetate
Concen: 164.350 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 208225

Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.5	26.3

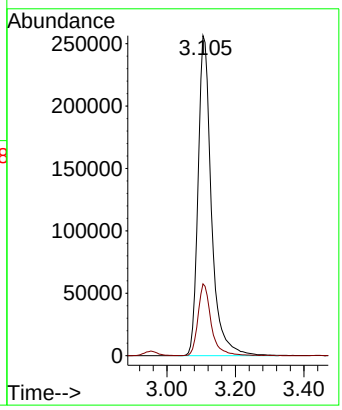




#19
Methyl tert-butyl Ether
Concen: 169.112 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 73 Resp: 69478

Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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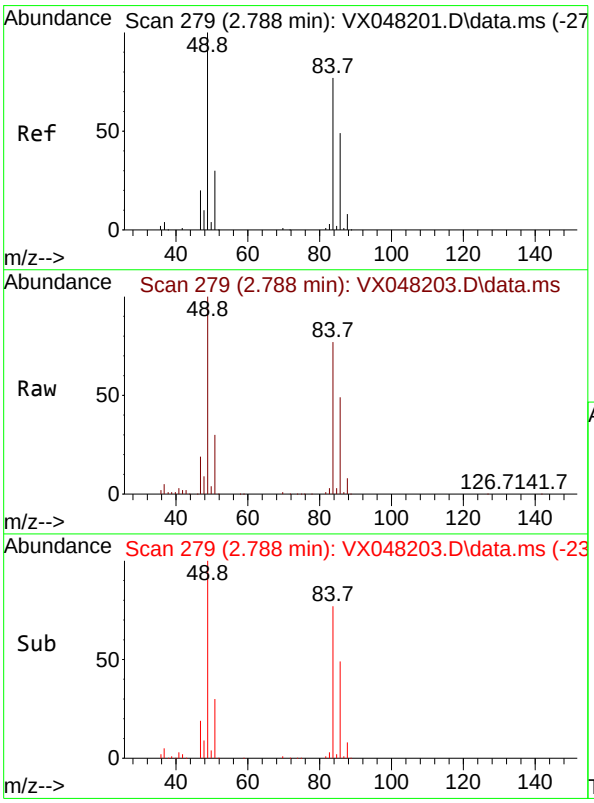
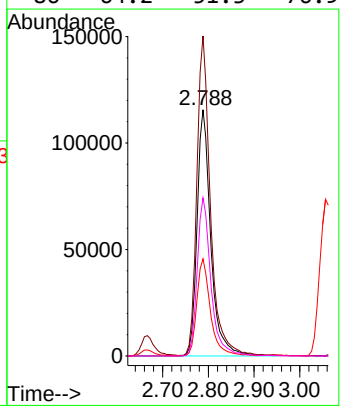
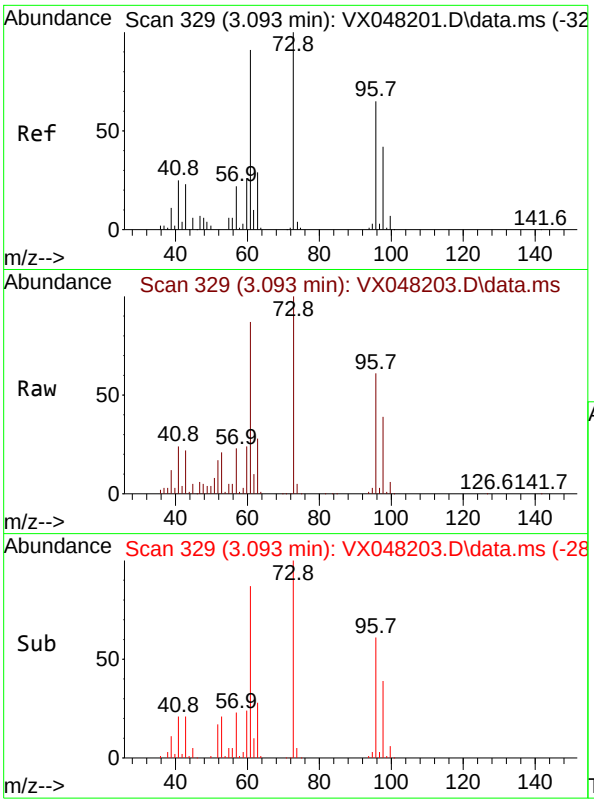


#20
Methylene Chloride
Concen: 159.065 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 84 Resp: 241039

Ion	Ratio	Lower	Upper
84	100		
49	129.7	104.1	156.1
51	39.4	31.3	46.9
86	64.2	51.3	76.9

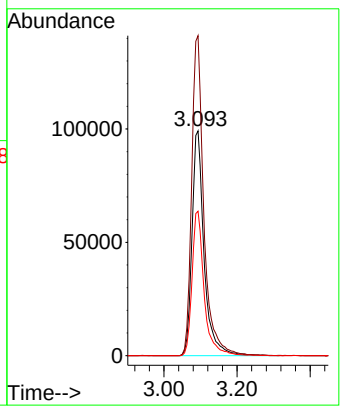




#21
trans-1,2-Dichloroethene
Concen: 162.254 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 96 Resp: 22894

Ion	Ratio	Lower	Upper
96	100		
61	142.4	111.9	167.9
98	64.3	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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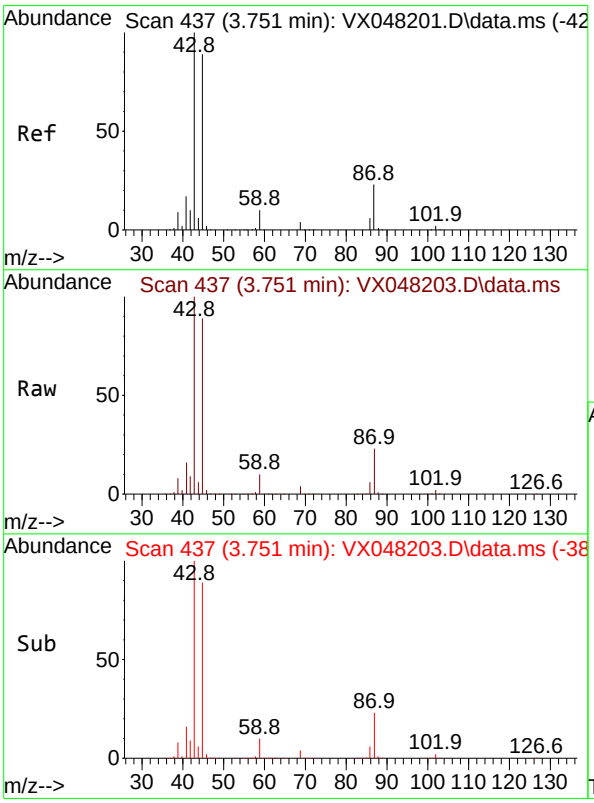
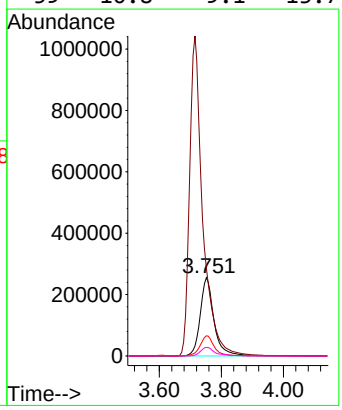
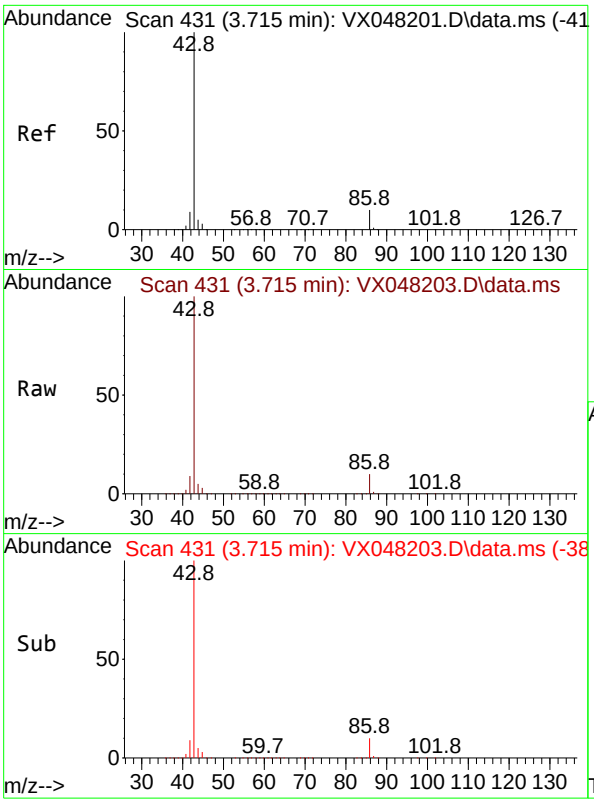


#22
Diisopropyl ether
Concen: 163.368 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 45 Resp: 784834

Ion	Ratio	Lower	Upper
45	100		
43	112.2	89.8	134.8
87	25.8	20.6	31.0
59	10.8	9.1	13.7





#23
Vinyl Acetate
Concen: 858.886 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 308526

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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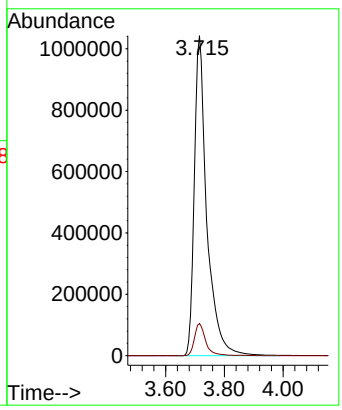
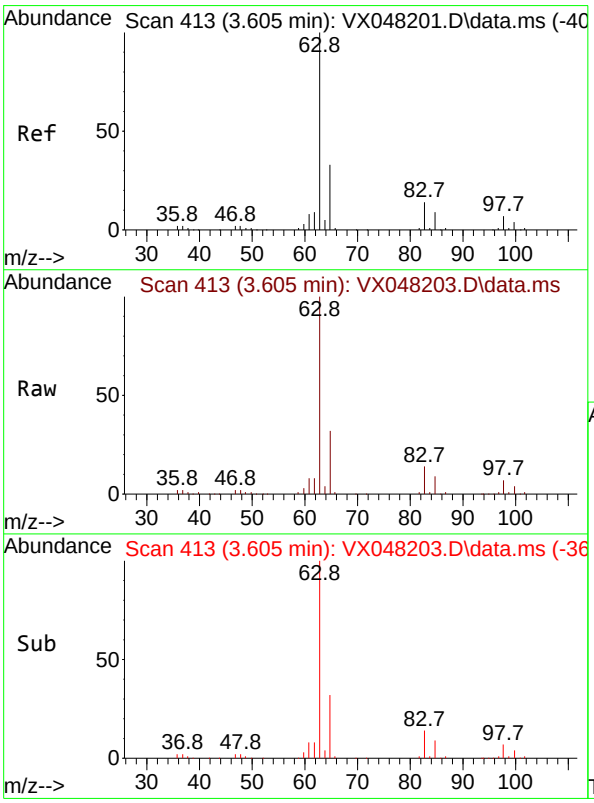
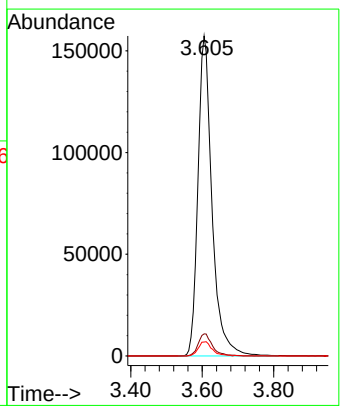


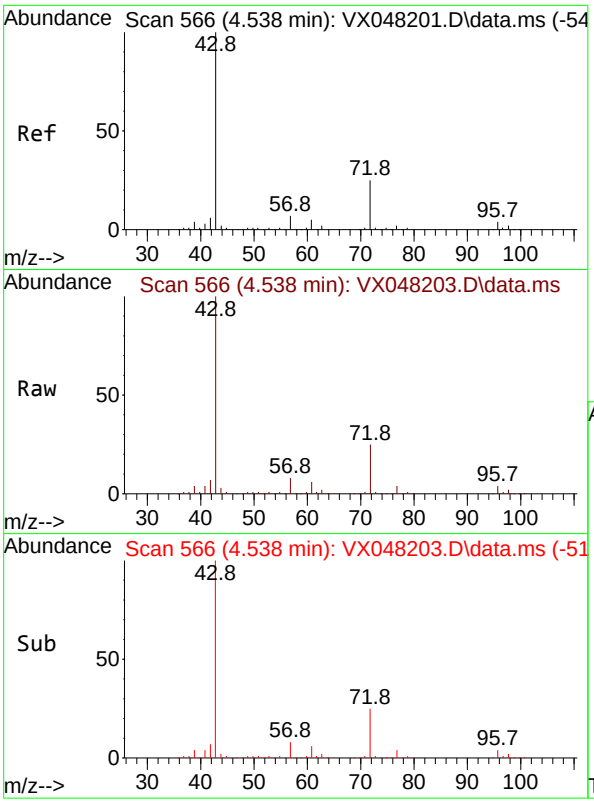


#24
1,1-Dichloroethane
Concen: 157.560 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 63 Resp: 429425

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.5	10.6
100	4.3	2.1	6.3

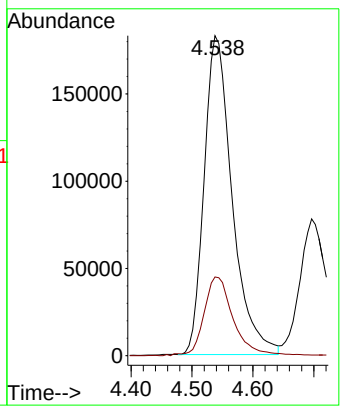




#25
2-Butanone
Concen: 807.571 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 58525

Ion	Ratio	Lower	Upper
43	100		
72	24.1	19.9	29.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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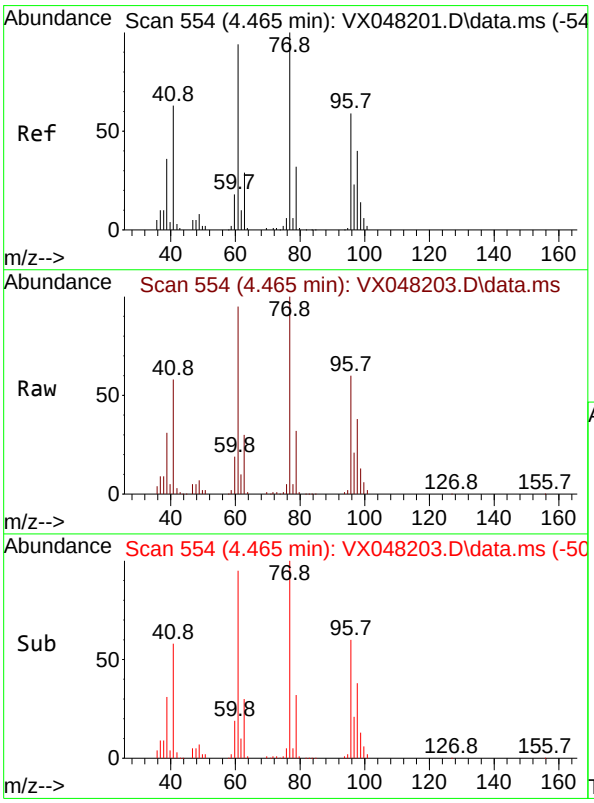
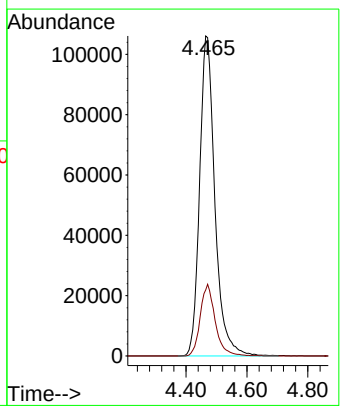
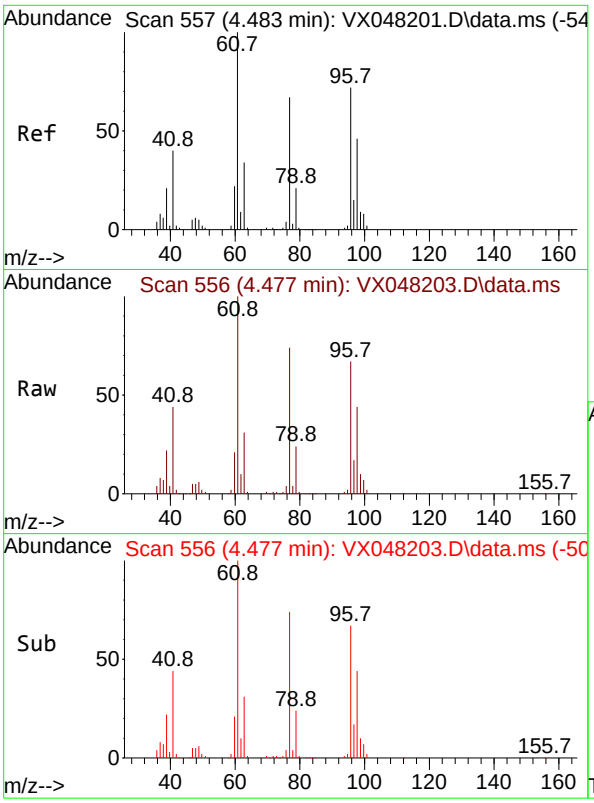


#26
2,2-Dichloropropane
Concen: 158.405 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 77 Resp: 369019

Ion	Ratio	Lower	Upper
77	100		
97	21.9	11.1	33.3

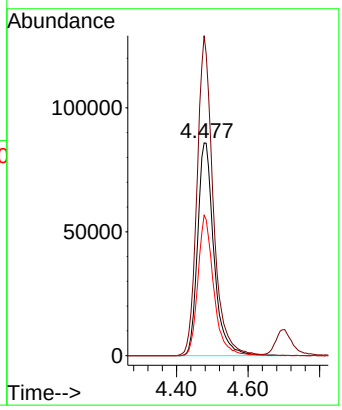




#27
cis-1,2-Dichloroethene
Concen: 162.203 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 96 Resp: 27162

Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	294.2
98	64.0	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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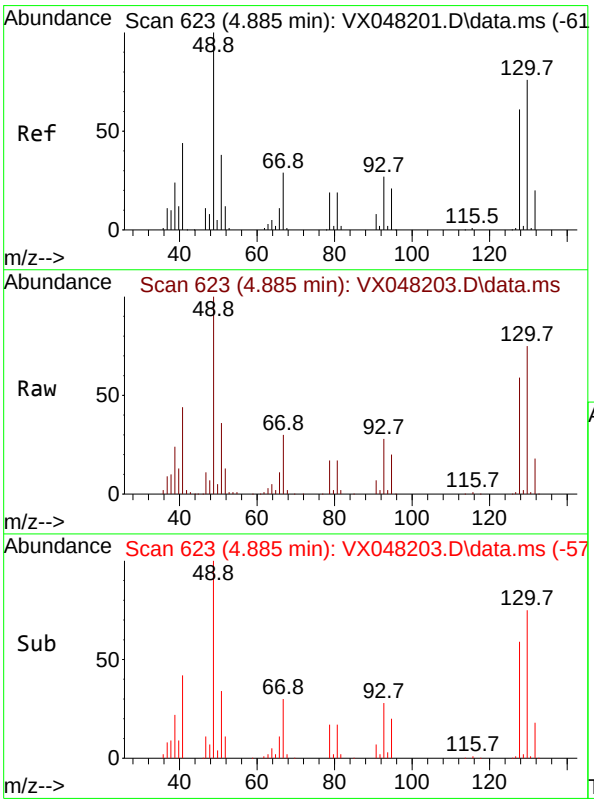
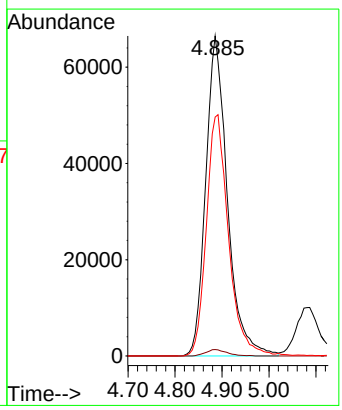
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

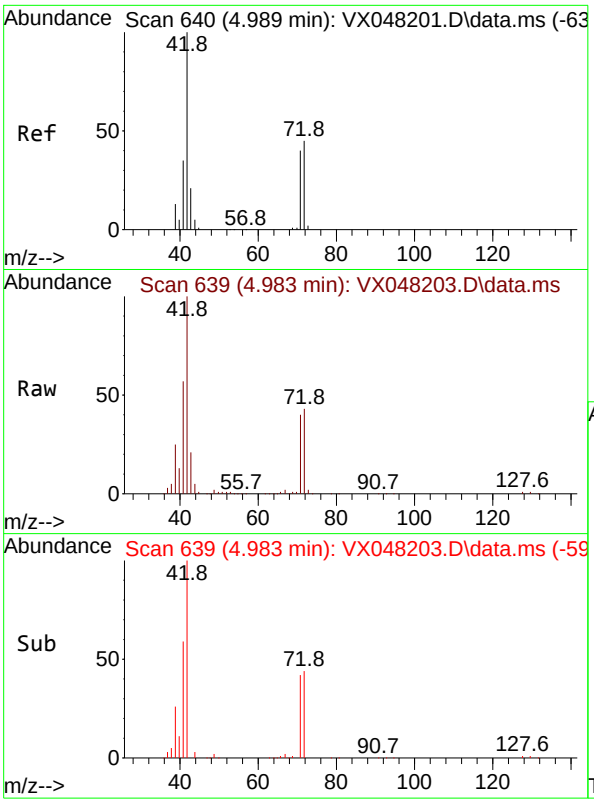


#28
Bromochloromethane
Concen: 169.292 ug/l
RT: 4.885 min Scan# 623
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 49 Resp: 212685

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	77.3	59.3	88.9

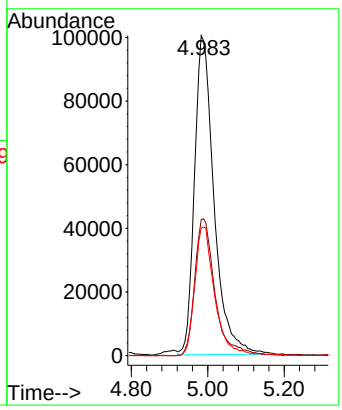




#29
Tetrahydrofuran
Concen: 836.226 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 42 Resp: 35588

Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.3	52.9
71	41.1	32.2	48.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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Reviewed By :John Carlone 10/20/2025
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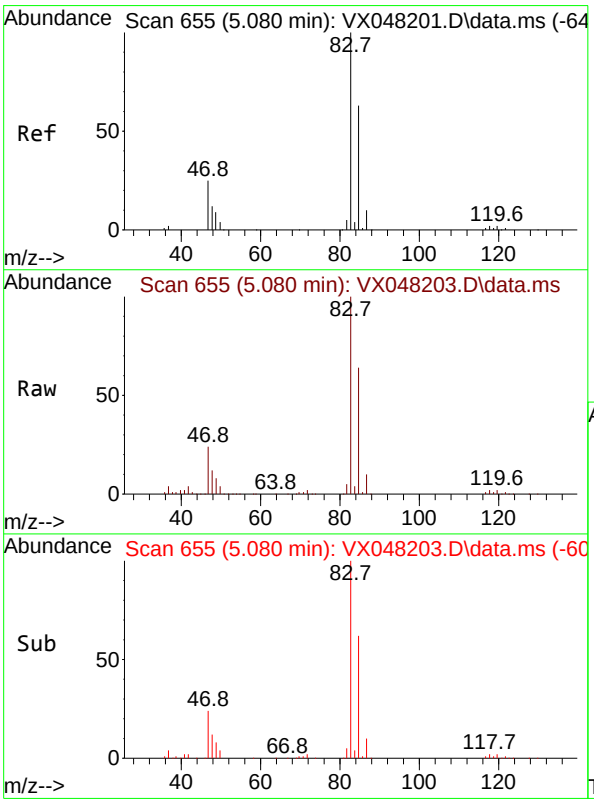
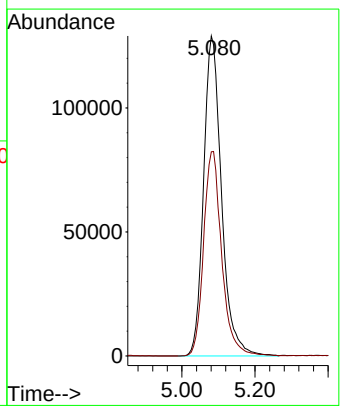
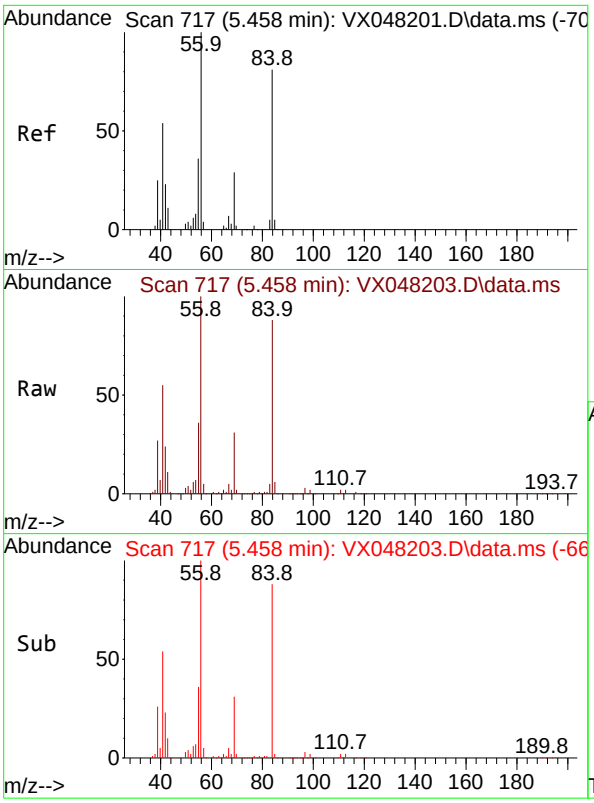


#30
Chloroform
Concen: 152.827 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 83 Resp: 438527

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.1	75.1

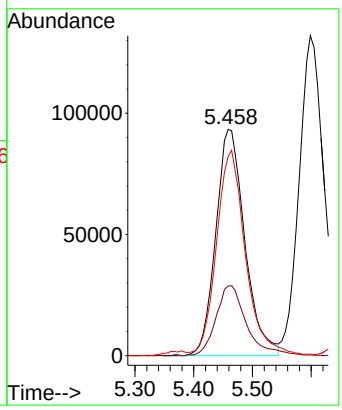




#31
Cyclohexane
Concen: 143.749 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 56 Resp: 32057

Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.0	34.6
84	86.4	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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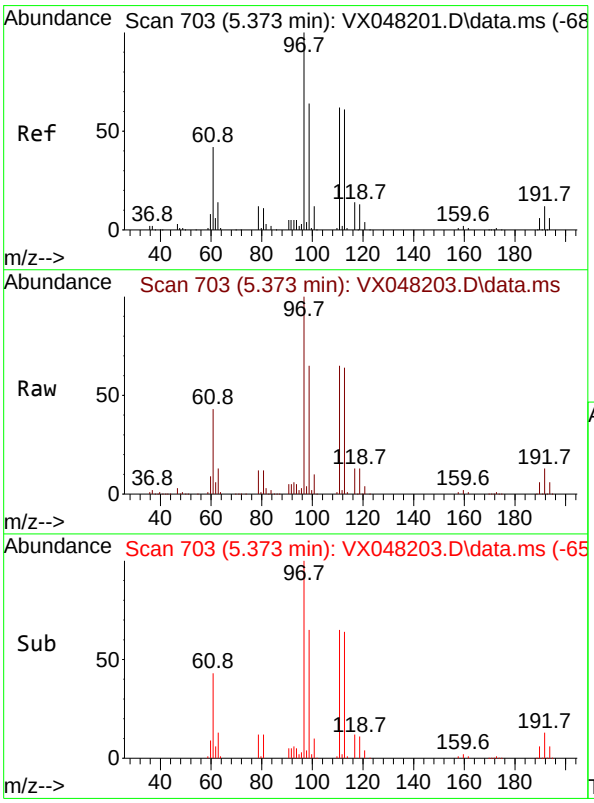
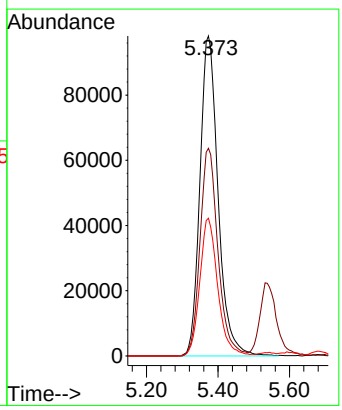
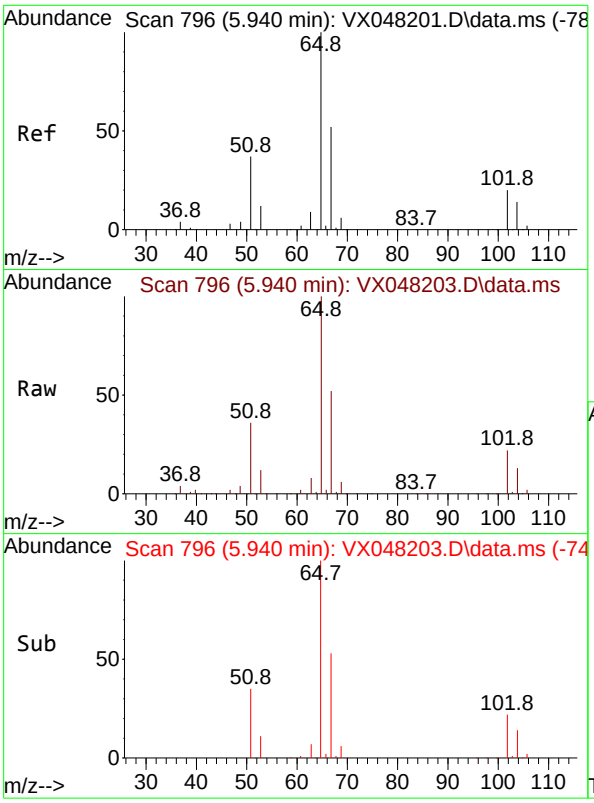


#32
1,1,1-Trichloroethane
Concen: 146.860 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 97 Resp: 346247

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	42.6	34.8	52.2

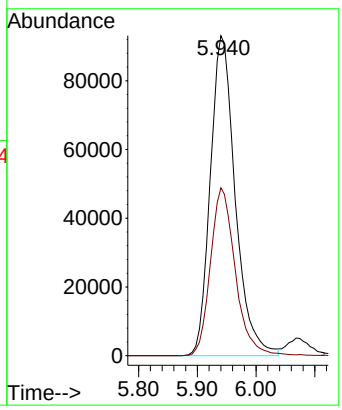




#33
1,2-Dichloroethane-d4
Concen: 150.569 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 65 Resp: 27455

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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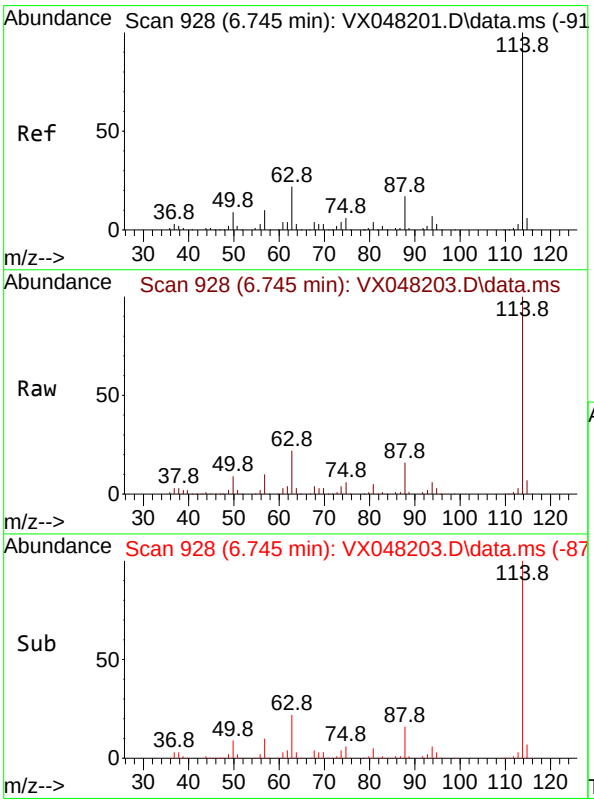
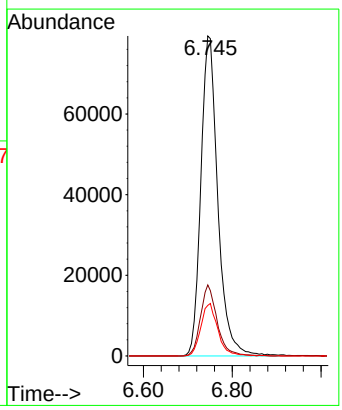
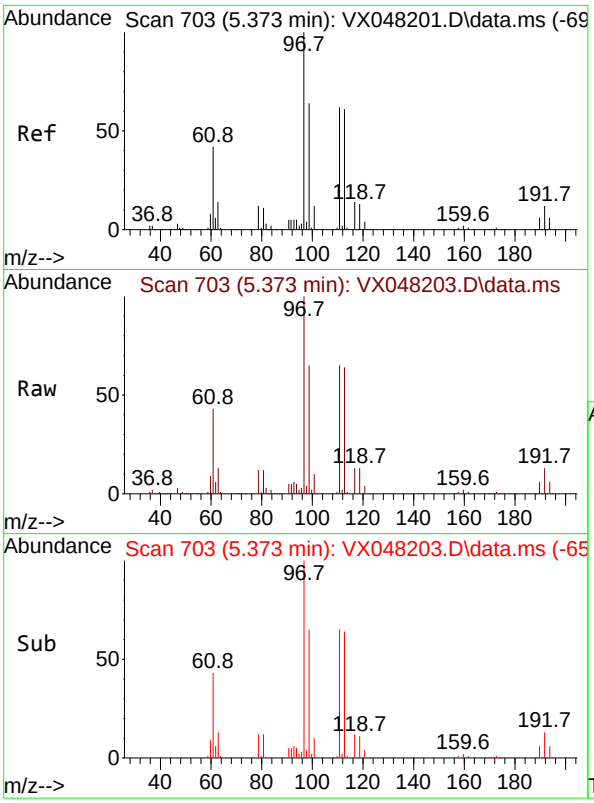


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:114 Resp: 210821

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	15.8	0.0	33.6

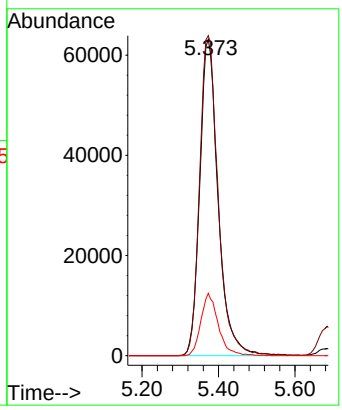




#35
Dibromofluoromethane
Concen: 143.603 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:113 Resp: 21011

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	18.8	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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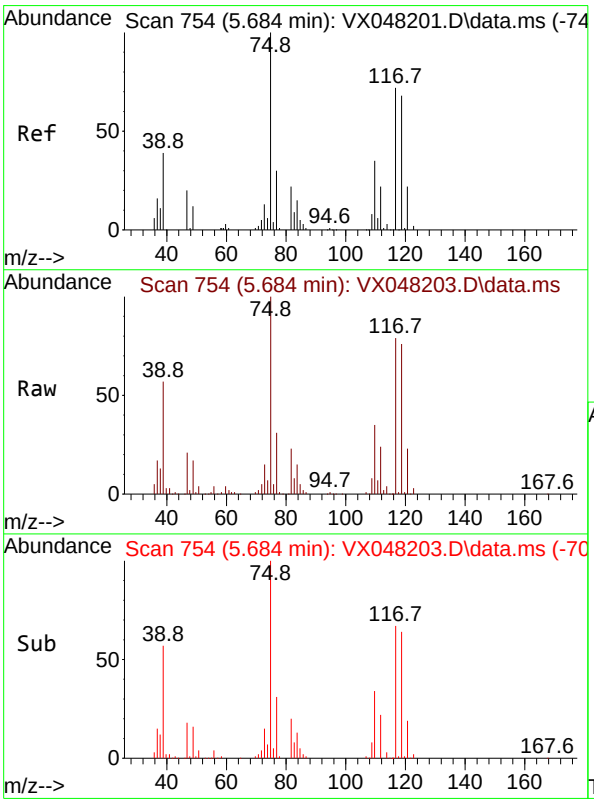
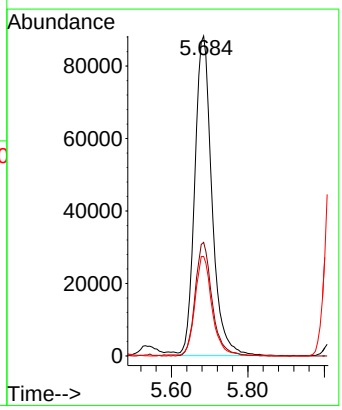
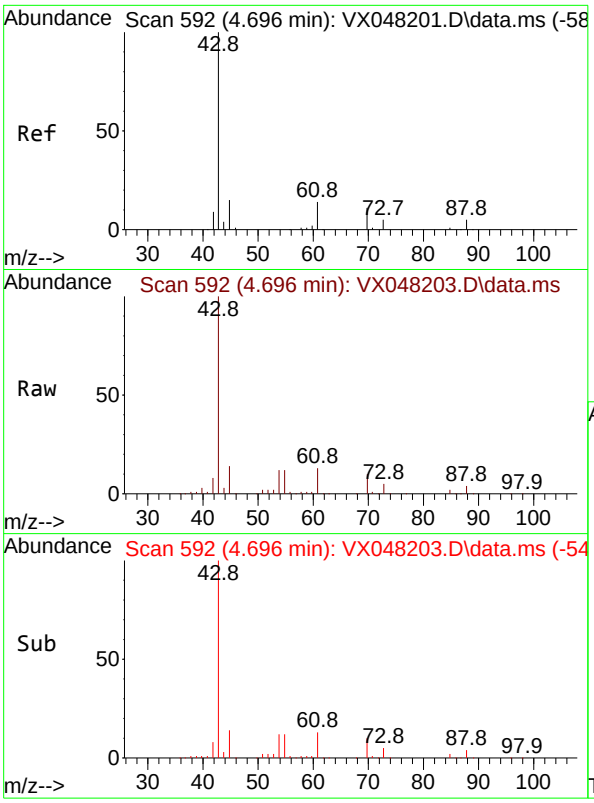


#36
1,1-Dichloropropene
Concen: 133.359 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 274873

Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.7	53.1
77	30.6	24.3	36.5

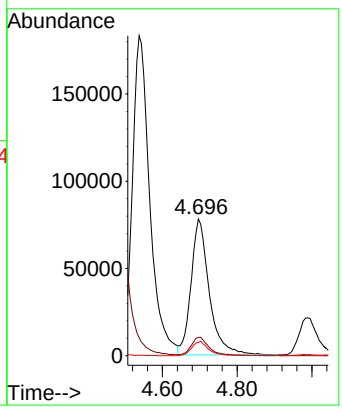




#37
Ethyl Acetate
Concen: 160.015 ug/l
RT: 4.696 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 26358

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	15.8
70	9.5	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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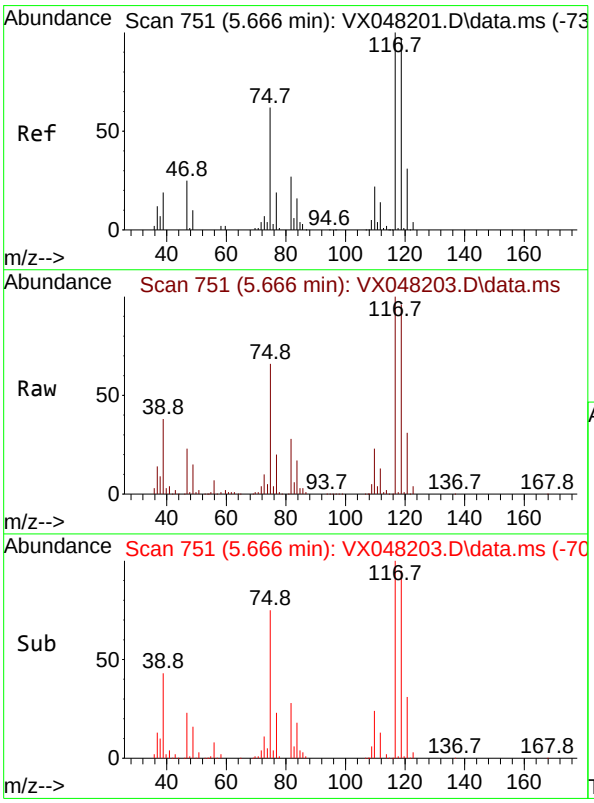
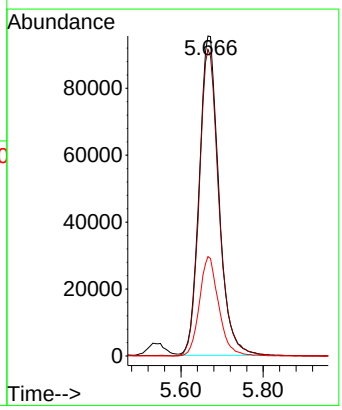
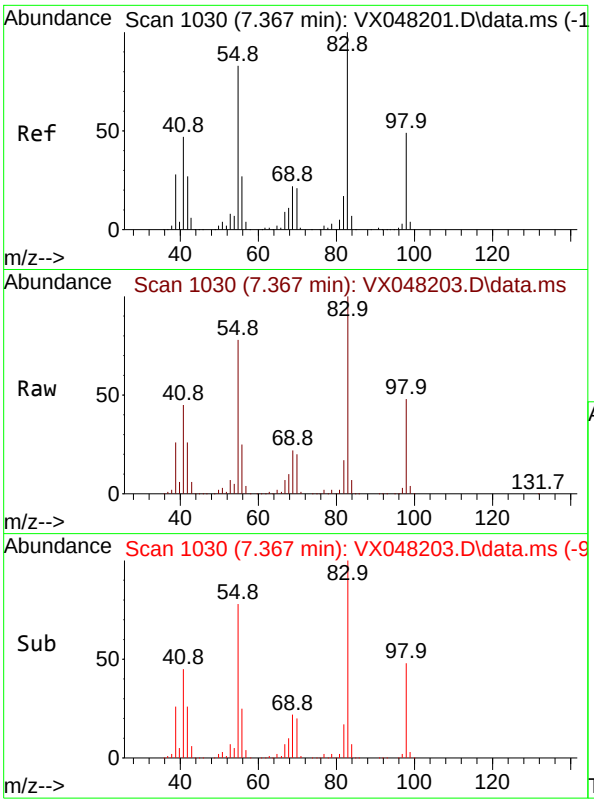


#38
Carbon Tetrachloride
Concen: 133.495 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:117 Resp: 315826

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.2	115.8
121	31.1	24.8	37.2





#39
Methylcyclohexane
Concen: 153.856 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 83 Resp: 35755

Ion	Ratio	Lower	Upper
83	100		
55	78.2	66.2	99.2
98	47.9	38.9	58.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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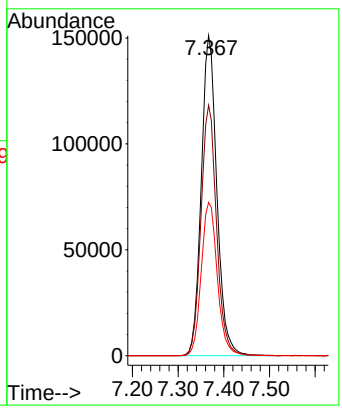
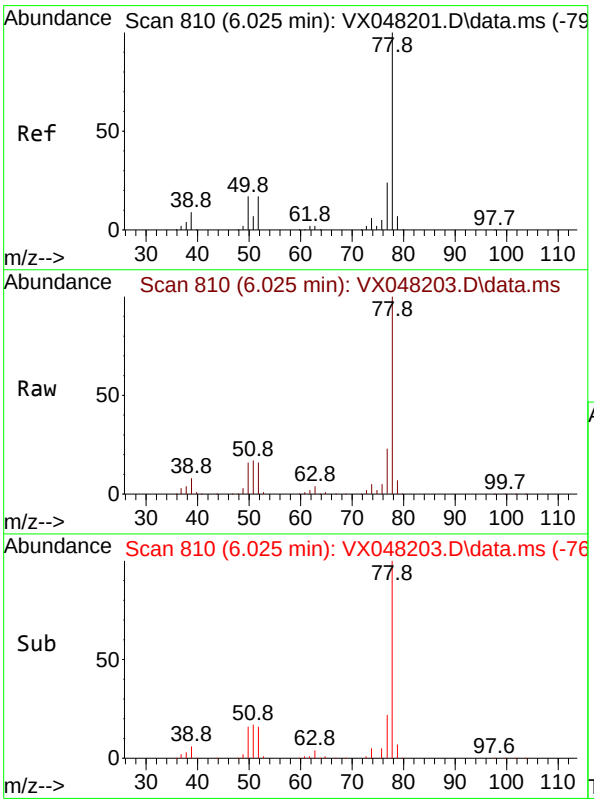
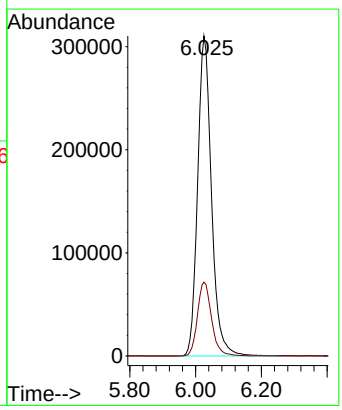


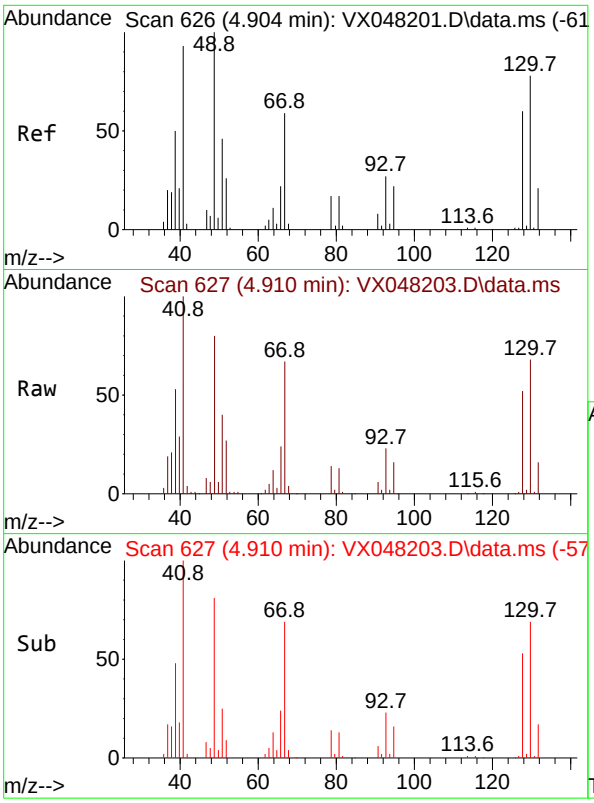


#40
Benzene
Concen: 148.085 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 78 Resp: 906330

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9

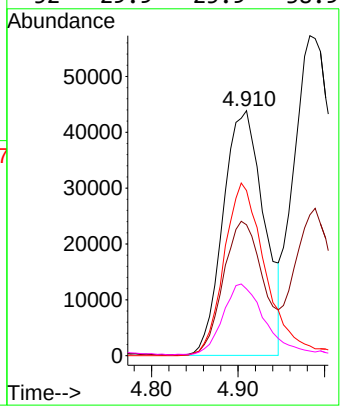




#41
Methacrylonitrile
Concen: 163.089 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 41 Resp: 14387

Ion	Ratio	Lower	Upper
41	100		
39	53.2	44.0	66.0
67	73.3	58.7	88.1
52	29.9	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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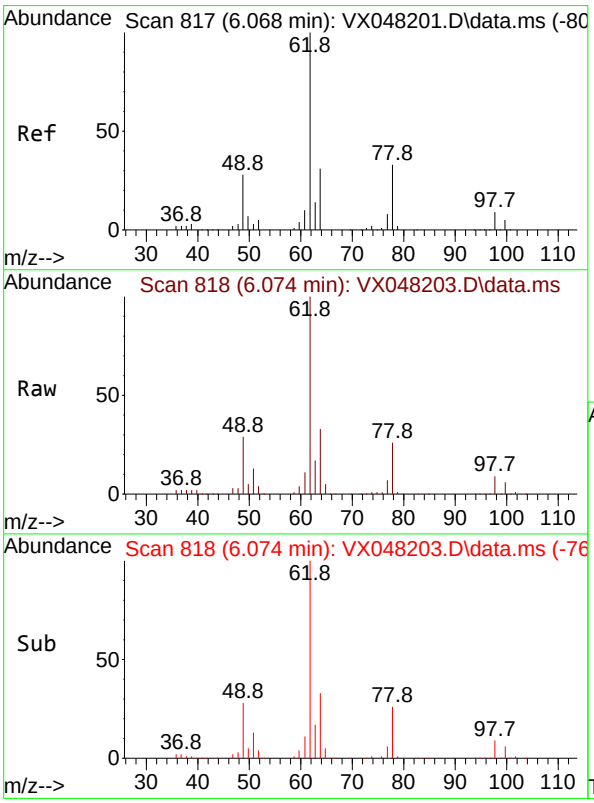
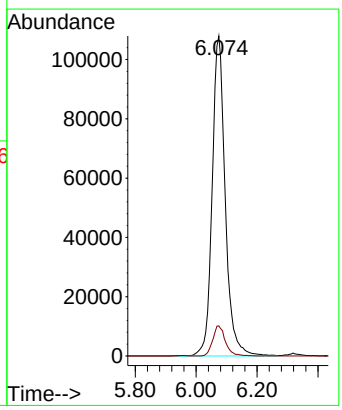
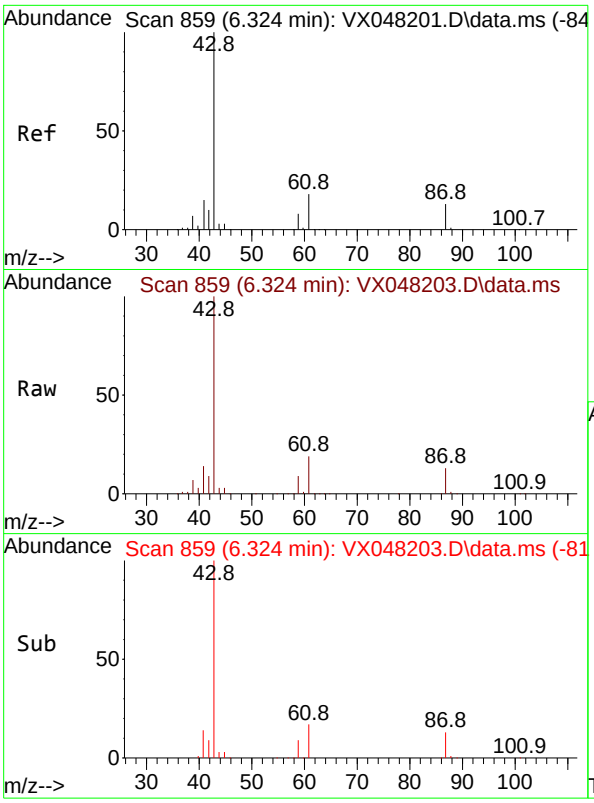


#42
1,2-Dichloroethane
Concen: 146.655 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 62 Resp: 321581

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.2

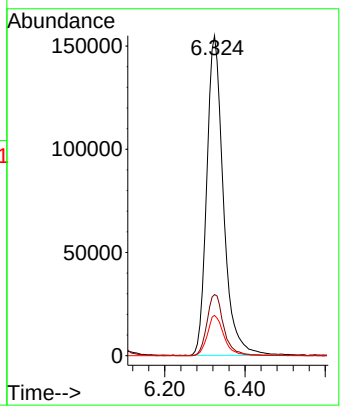




#43
Isopropyl Acetate
Concen: 161.273 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 44594

Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.9	22.3
87	12.6	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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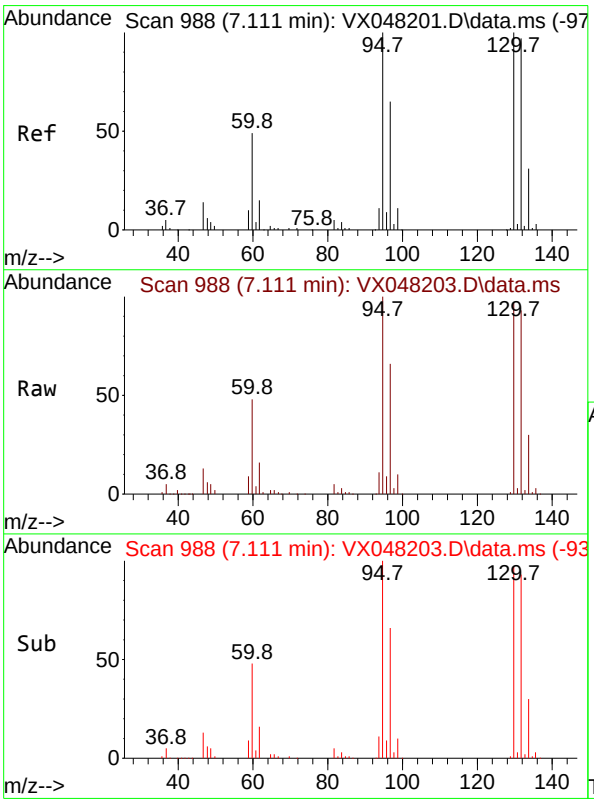
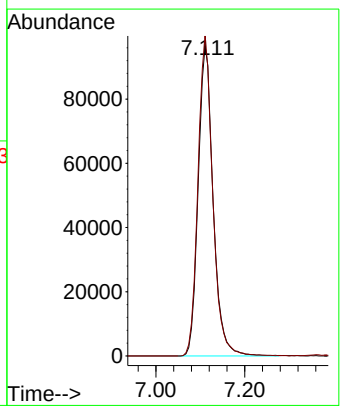
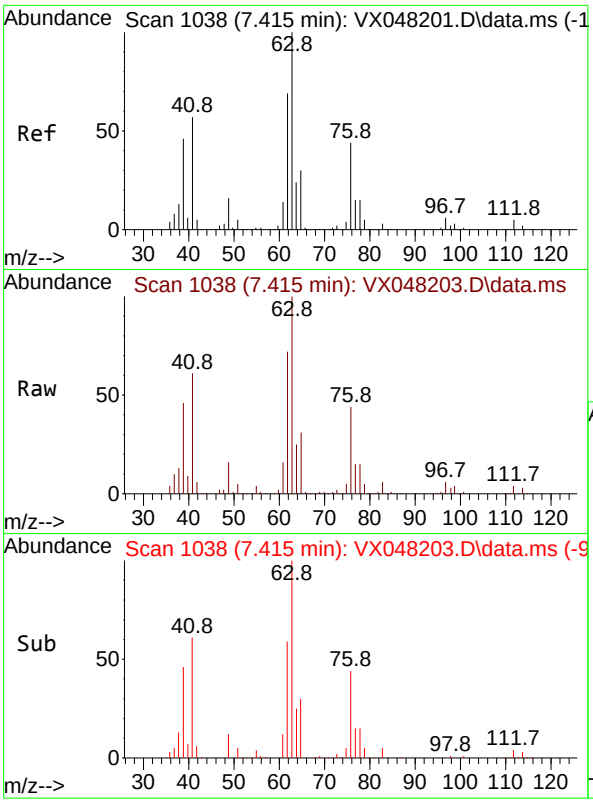


#44
Trichloroethene
Concen: 146.811 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:130 Resp: 226452

Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	200.6

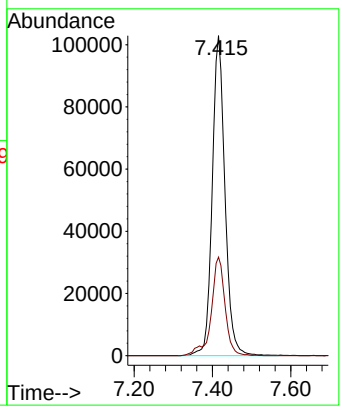




#45
1,2-Dichloropropane
Concen: 149.522 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 63 Resp: 23160

Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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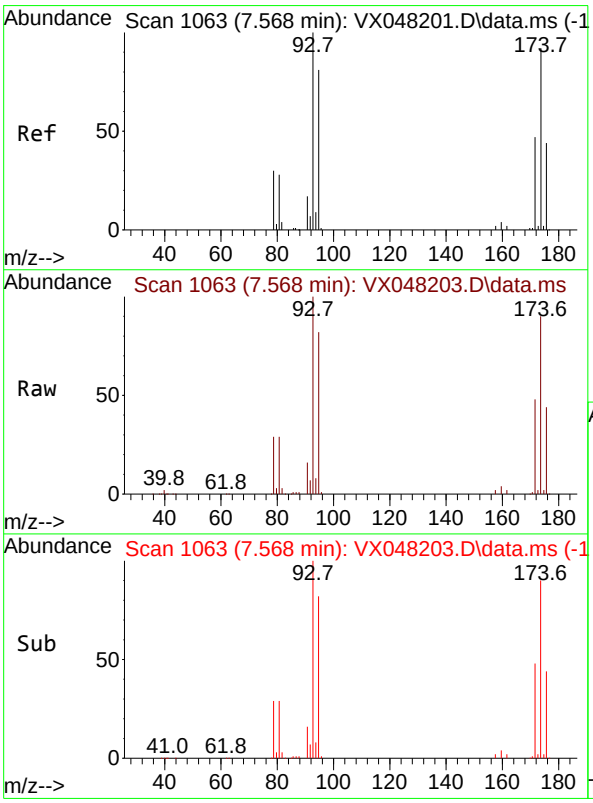
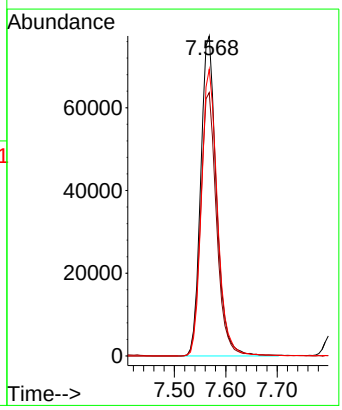
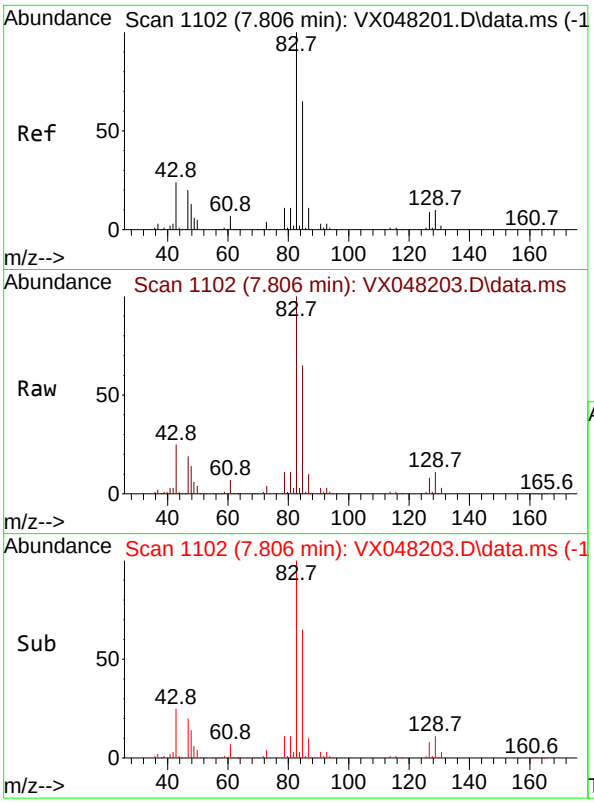


#46
Dibromomethane
Concen: 147.789 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 93 Resp: 164711

Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.9	98.9
174	90.8	71.7	107.5

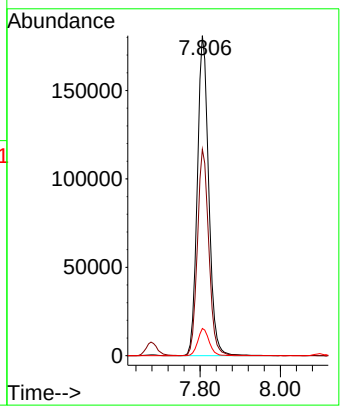




#47
Bromodichloromethane
Concen: 148.066 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 83 Resp: 35665

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.2	78.4
127	8.5	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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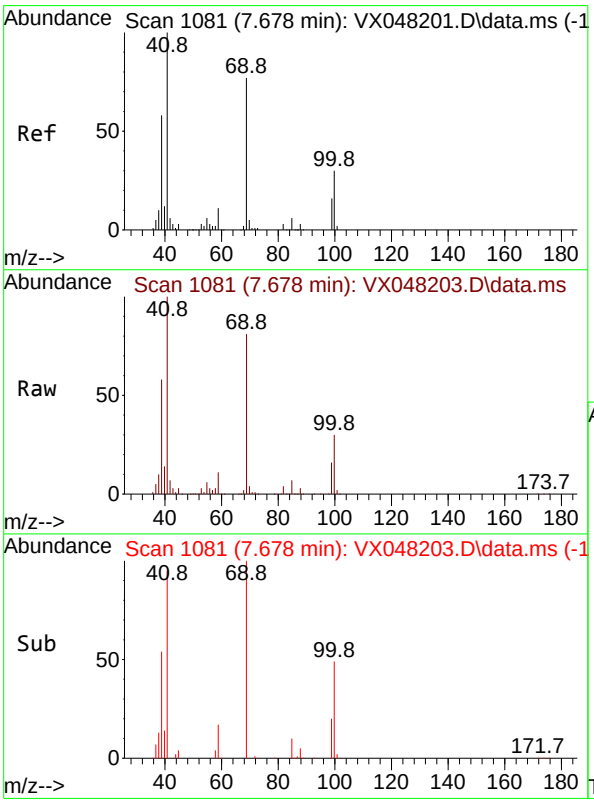
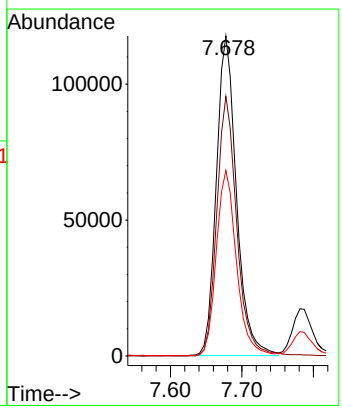
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

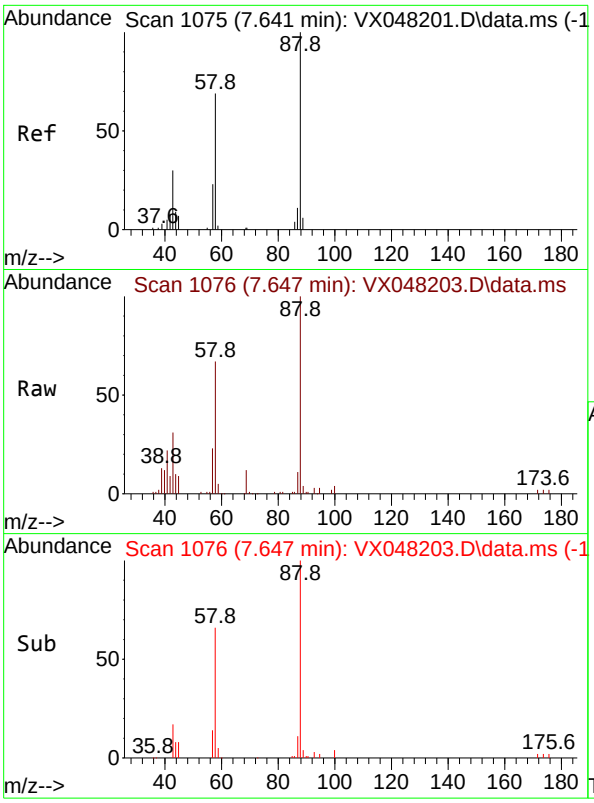


#48
Methyl methacrylate
Concen: 162.424 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 41 Resp: 229909

Ion	Ratio	Lower	Upper
41	100		
69	81.0	63.4	95.0
39	58.1	47.1	70.7





#49
1,4-Dioxane
Concen: 3283.029 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 88 Resp: 4183

Ion	Ratio	Lower	Upper
88	100		
43	42.5	35.0	52.4
58	73.0	61.9	92.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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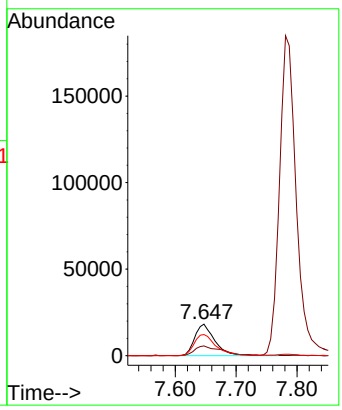
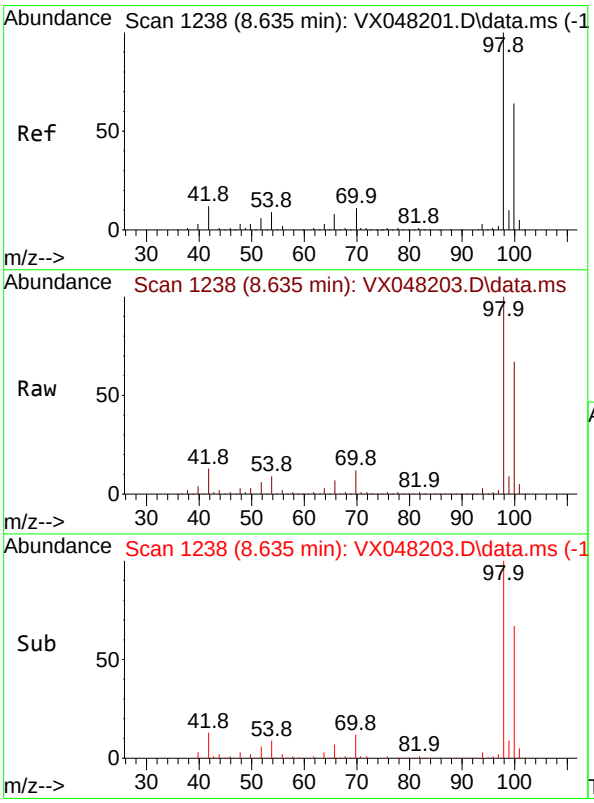
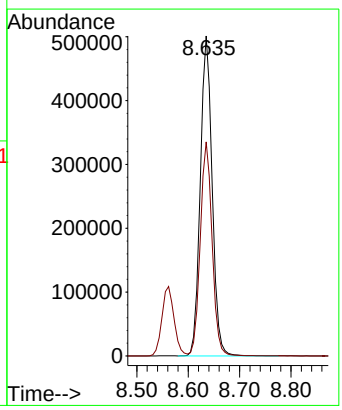


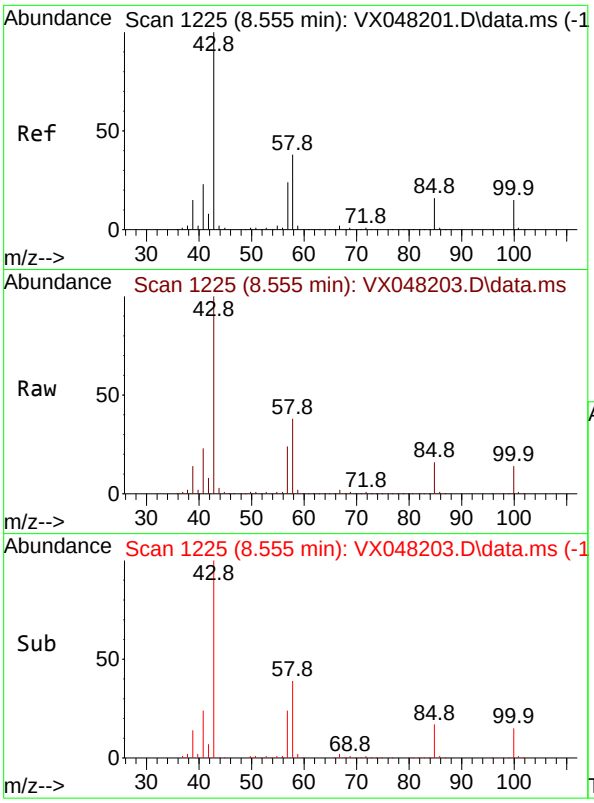


#50
Toluene-d8
Concen: 151.816 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 98 Resp: 800240

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4

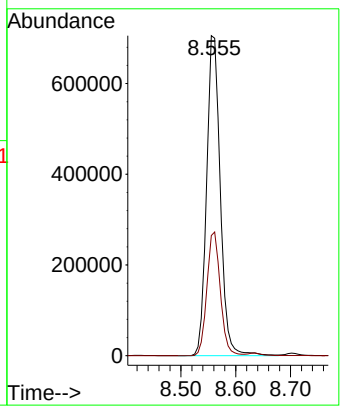




#51
4-Methyl-2-Pentanone
Concen: 791.106 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 121726

Ion	Ratio	Lower	Upper
43	100		
58	38.0	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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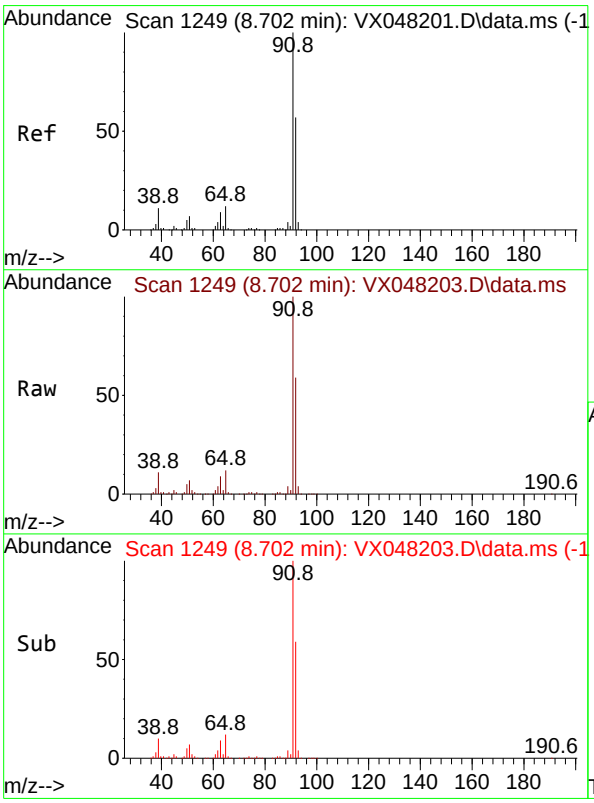
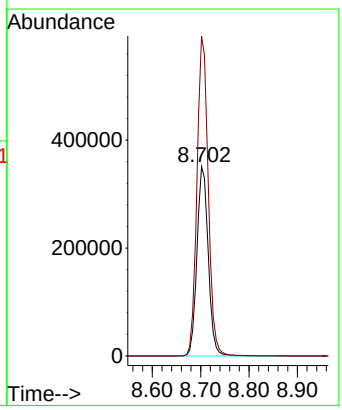
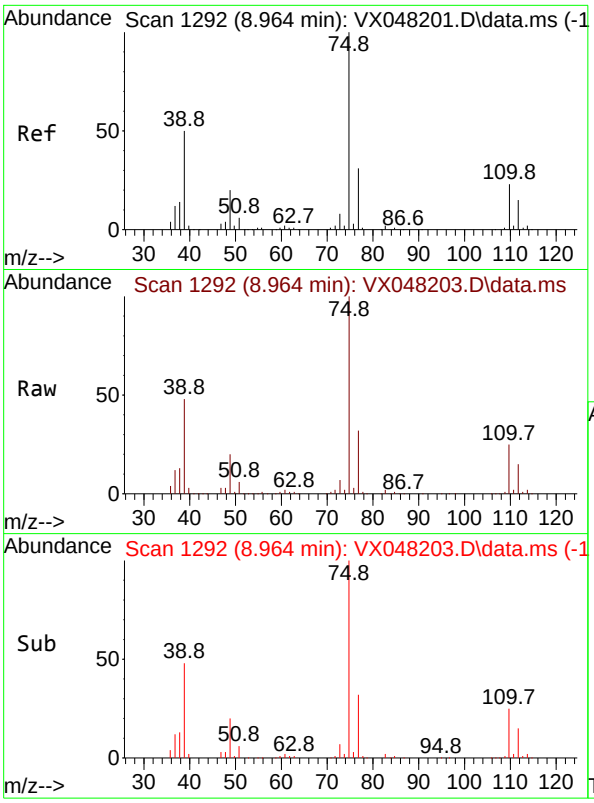


#52
Toluene
Concen: 153.859 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 92 Resp: 565979

Ion	Ratio	Lower	Upper
92	100		
91	168.8	136.1	204.1

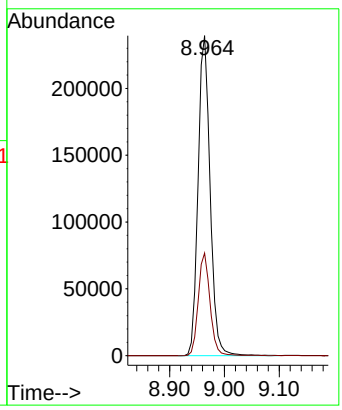




#53
t-1,3-Dichloropropene
Concen: 161.891 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 36532

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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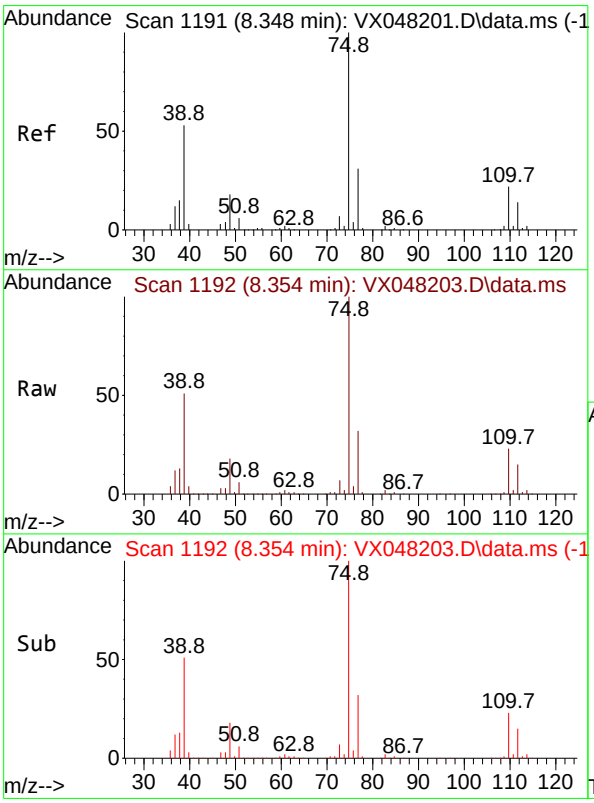
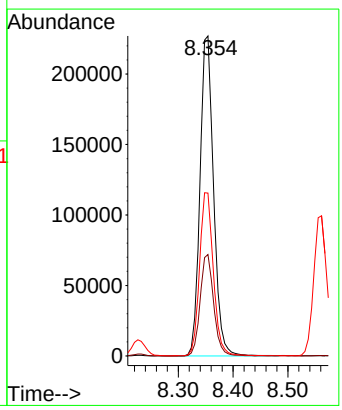
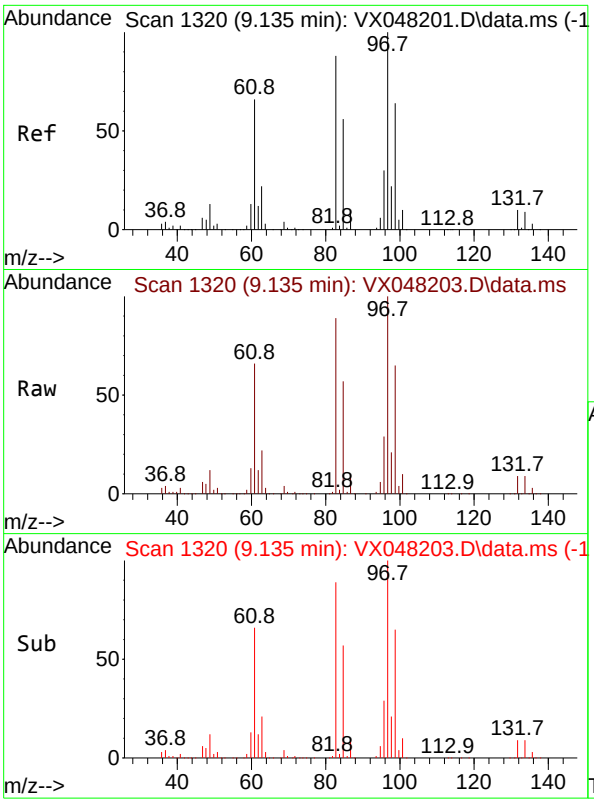


#54
cis-1,3-Dichloropropene
Concen: 159.088 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 391297

Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.9	37.3
39	50.8	42.6	64.0

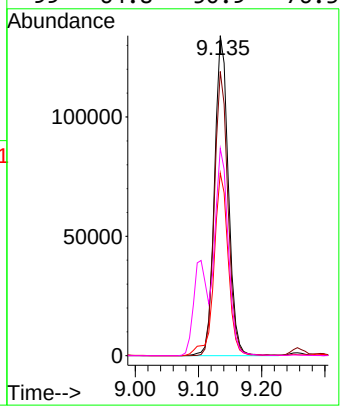




#55
1,1,2-Trichloroethane
Concen: 148.432 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 97 Resp: 20373

Ion	Ratio	Lower	Upper
97	100		
83	88.8	70.6	105.8
85	57.1	45.0	67.6
99	64.8	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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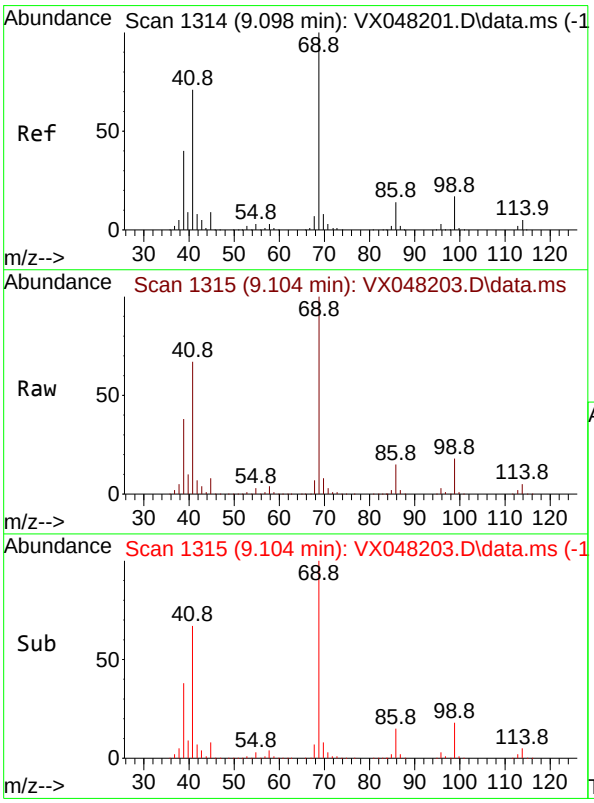
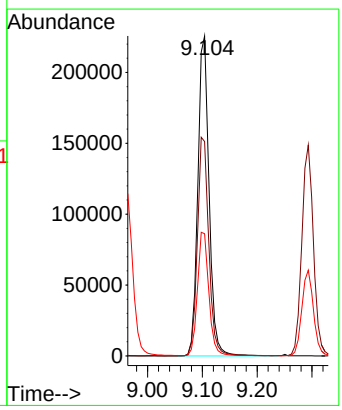
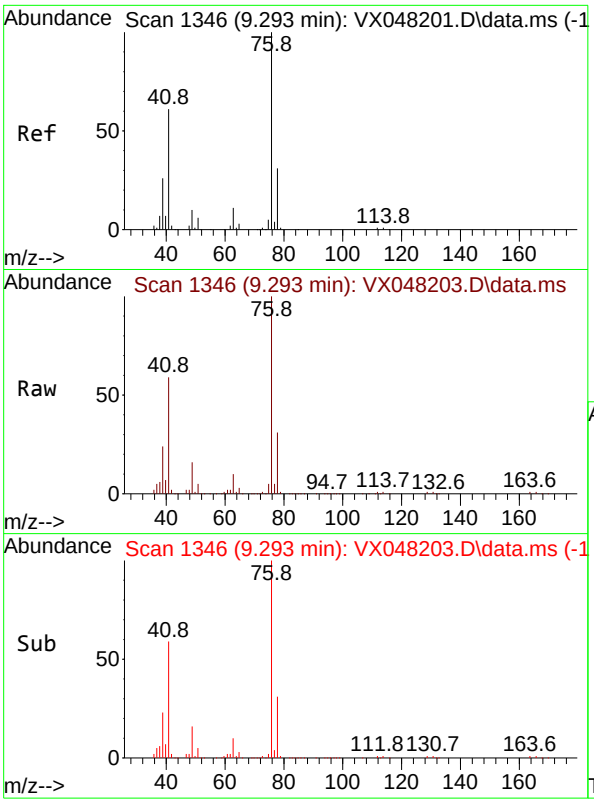


#56
Ethyl methacrylate
Concen: 173.022 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 69 Resp: 322997

Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.0	84.0
39	39.0	31.6	47.4

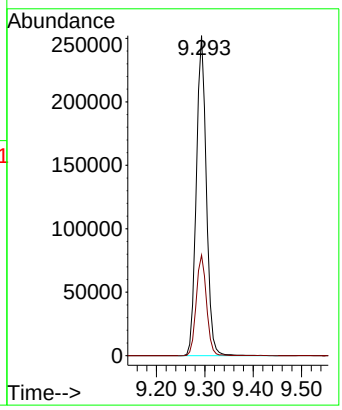




#57
1,3-Dichloropropane
Concen: 150.926 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 76 Resp: 36192

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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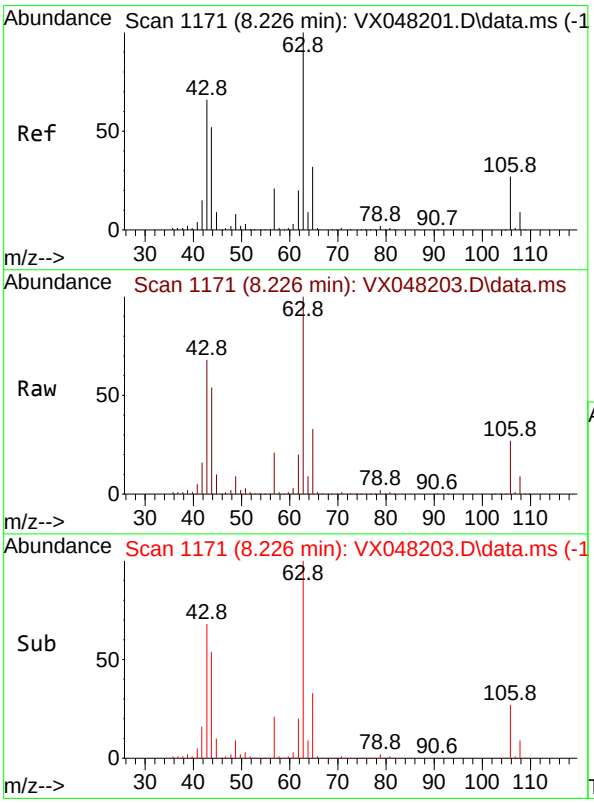
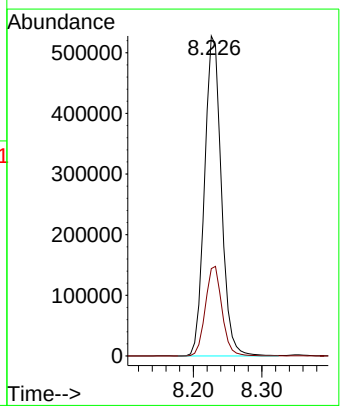
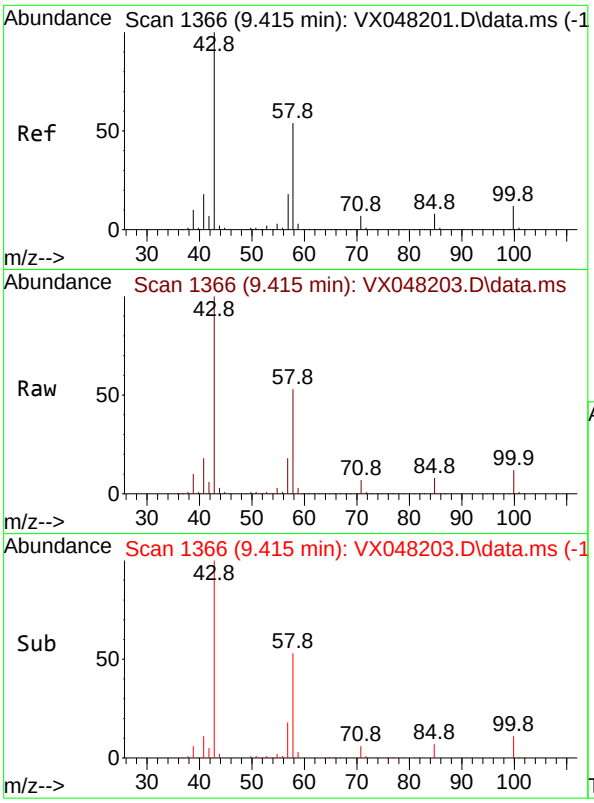


#58
2-Chloroethyl Vinyl ether
Concen: 751.288 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 63 Resp: 899124

Ion	Ratio	Lower	Upper
63	100		
106	27.8	22.2	33.2

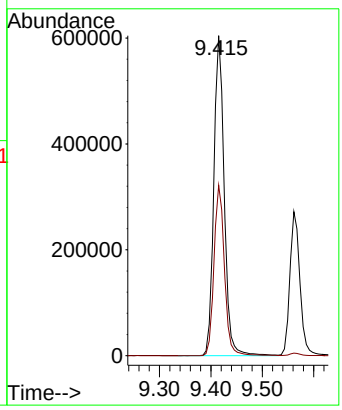




#59
2-Hexanone
Concen: 789.557 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 84977

Ion	Ratio	Lower	Upper
43	100		
58	53.6	26.3	78.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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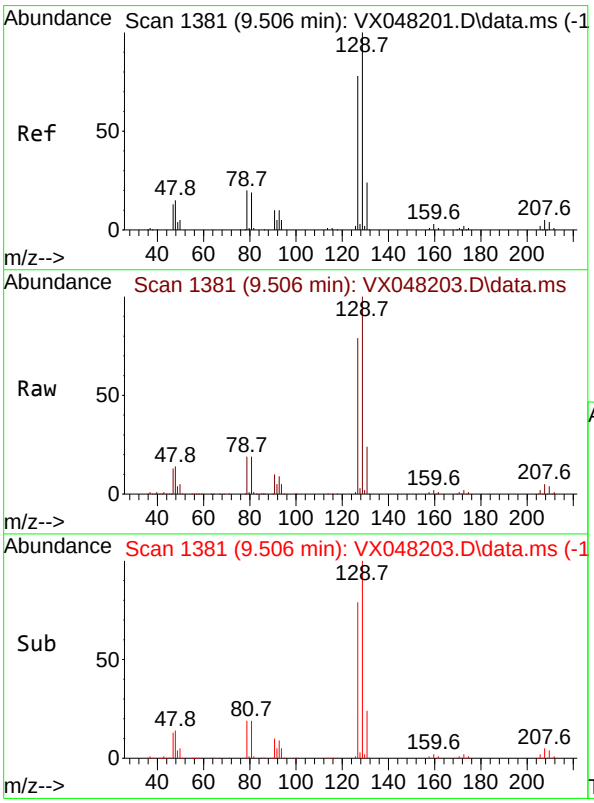
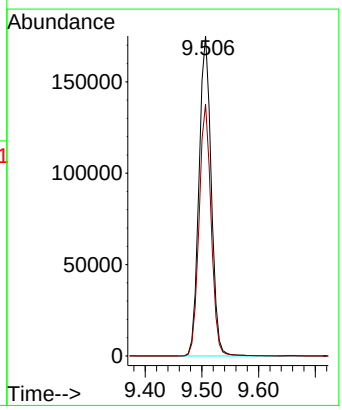
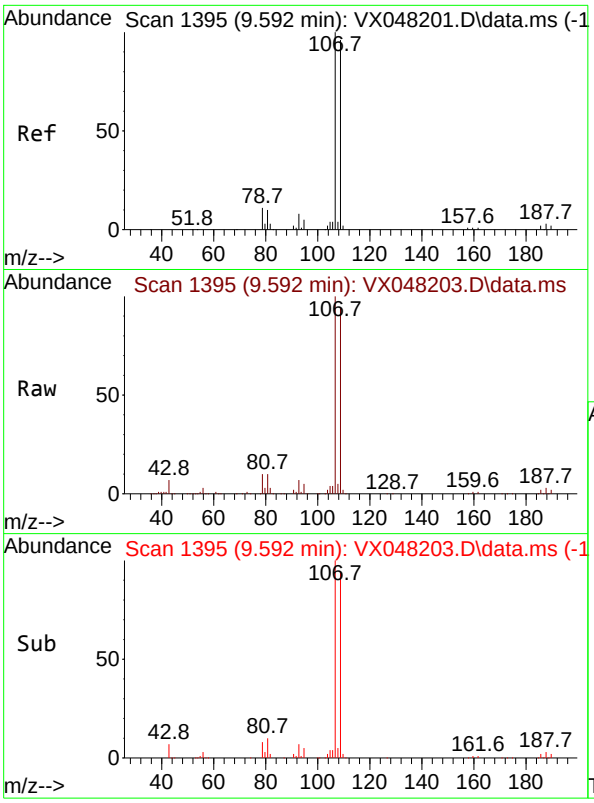


#60
Dibromochloromethane
Concen: 152.397 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:129 Resp: 261816

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	115.7





#61
1,2-Dibromoethane
Concen: 152.744 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:107 Resp: 21496

Ion	Ratio	Lower	Upper
107	100		
109	94.1	77.0	115.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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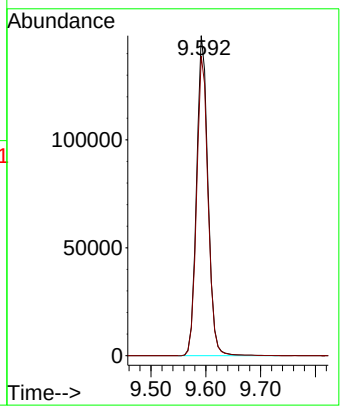
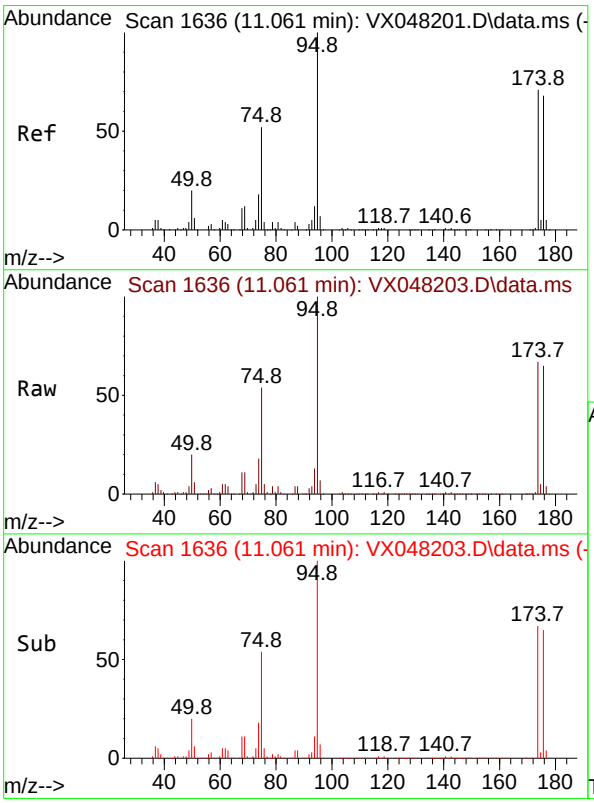
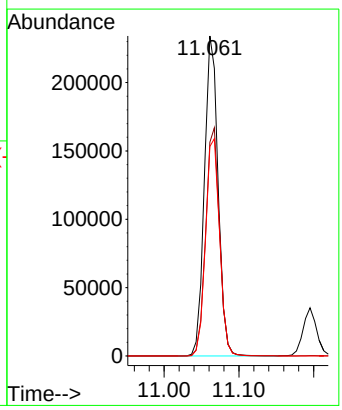


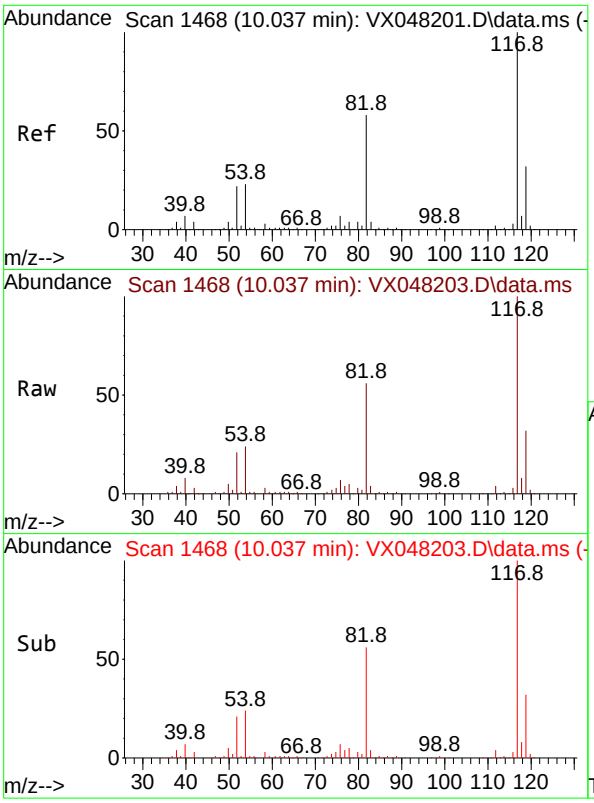


#62
4-Bromofluorobenzene
Concen: 154.922 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 95 Resp: 297432

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	147.8
176	69.9	0.0	142.8

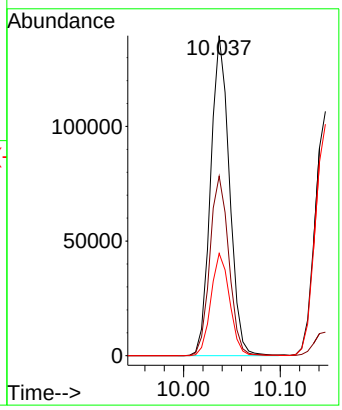




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:117 Resp: 18840

Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.5	69.7
119	32.0	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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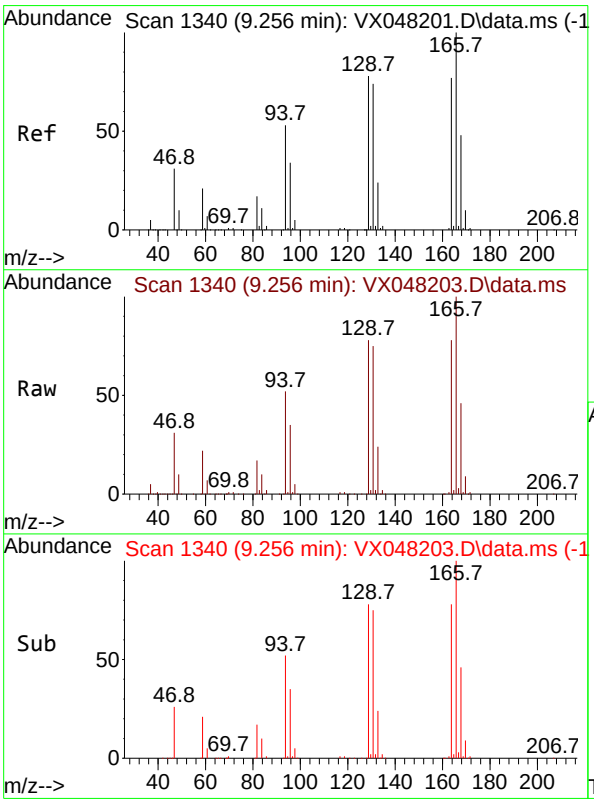
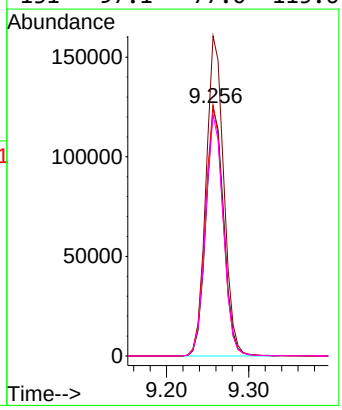
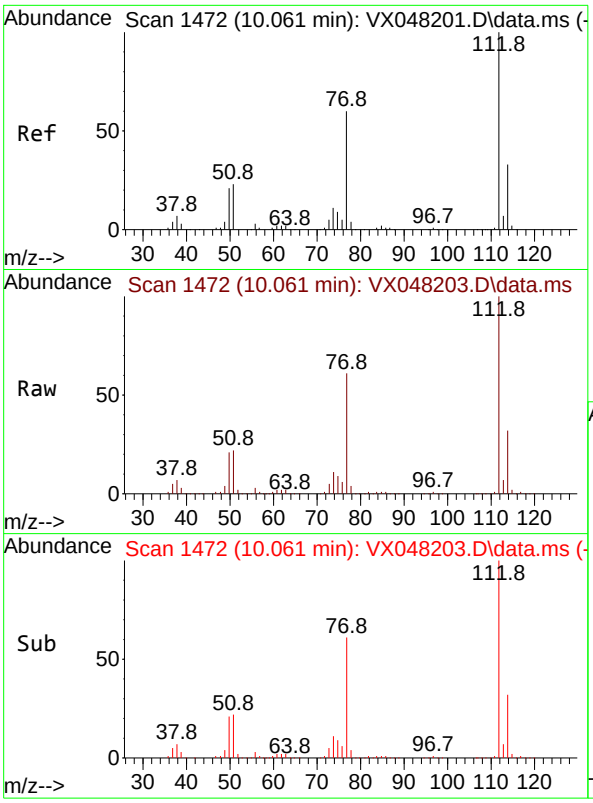


#64
Tetrachloroethene
Concen: 141.745 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:164 Resp: 187250

Ion	Ratio	Lower	Upper
164	100		
166	128.8	104.5	156.7
129	101.0	81.8	122.6
131	97.1	77.0	115.6

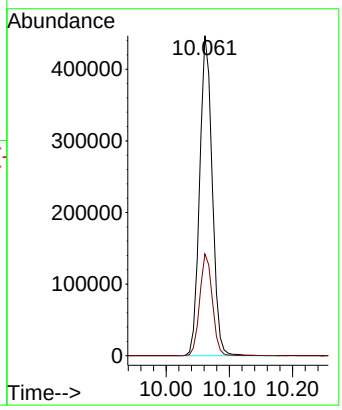




#65
Chlorobenzene
Concen: 150.186 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:112 Resp: 61868

Ion	Ratio	Lower	Upper
112	100		
114	31.8	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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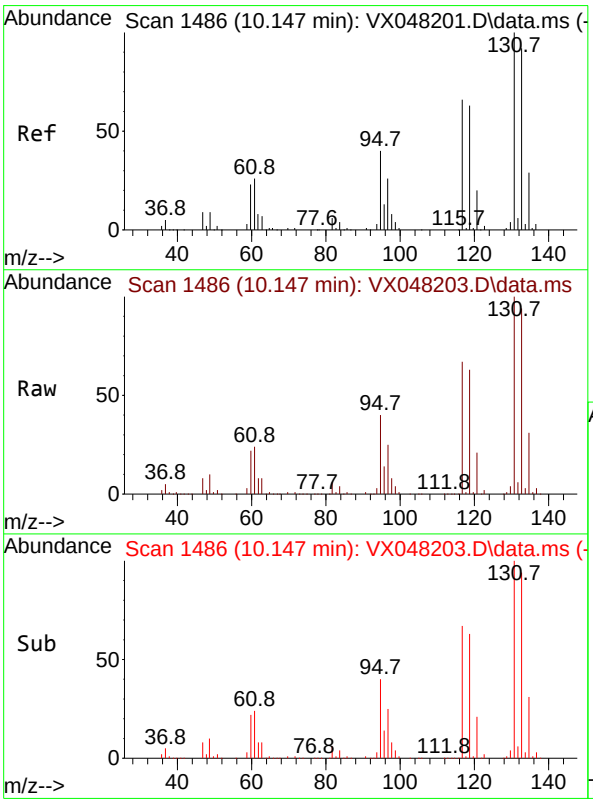
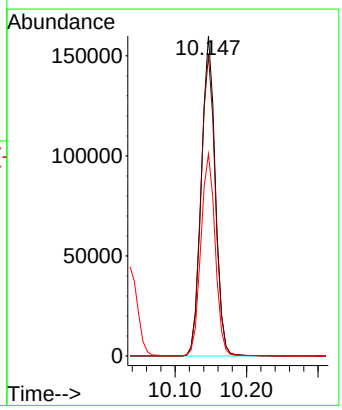
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

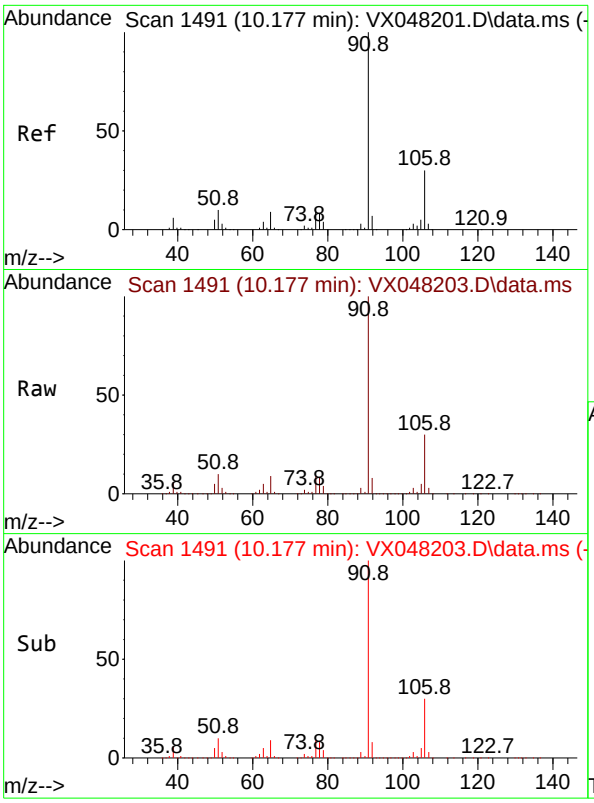


#66
1,1,1,2-Tetrachloroethane
Concen: 146.584 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:131 Resp: 217603

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.6	142.8
119	64.7	32.5	97.5

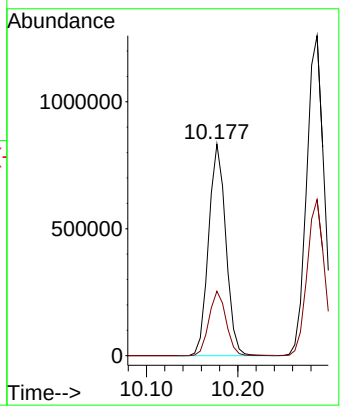




#67
Ethyl Benzene
Concen: 154.857 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 91 Resp: 109367

Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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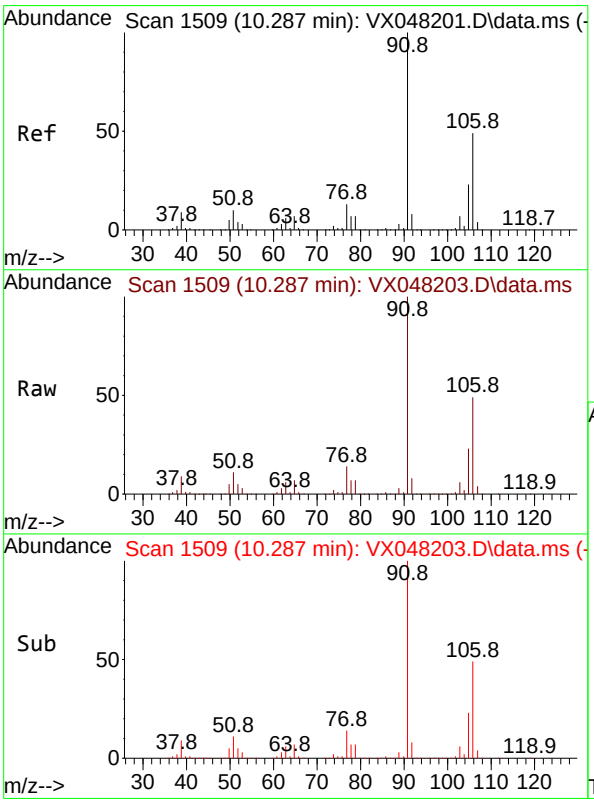
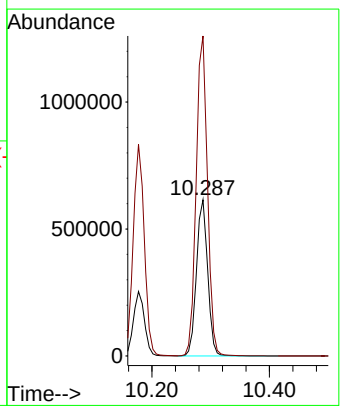
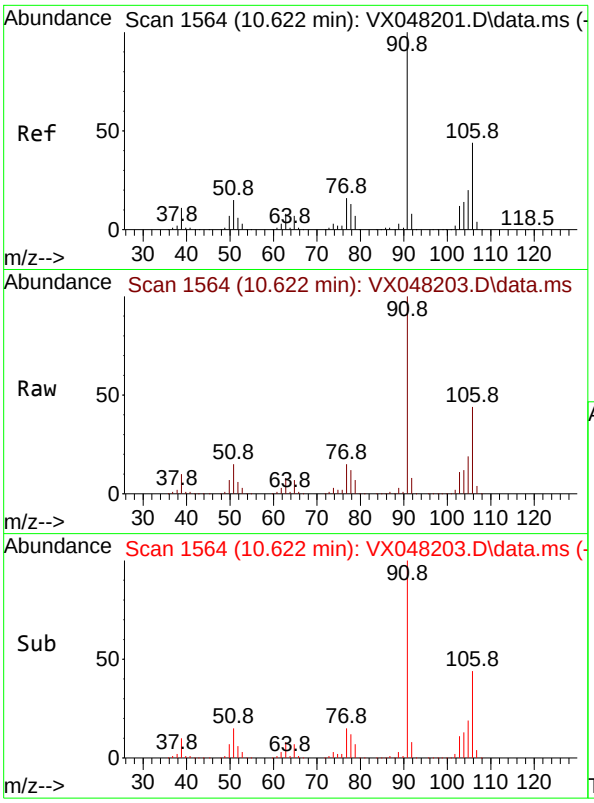


#68
m/p-Xylenes
Concen: 308.720 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:106 Resp: 812262

Ion	Ratio	Lower	Upper
106	100		
91	206.8	167.9	251.9

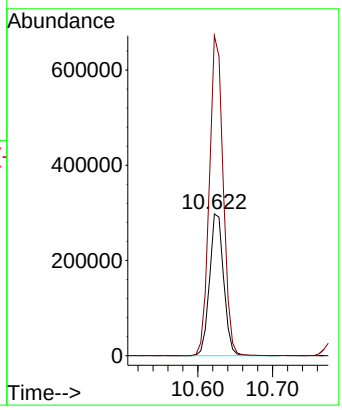




#69
o-Xylene
Concen: 157.625 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:106 Resp: 39040

Ion	Ratio	Lower	Upper
106	100		
91	221.2	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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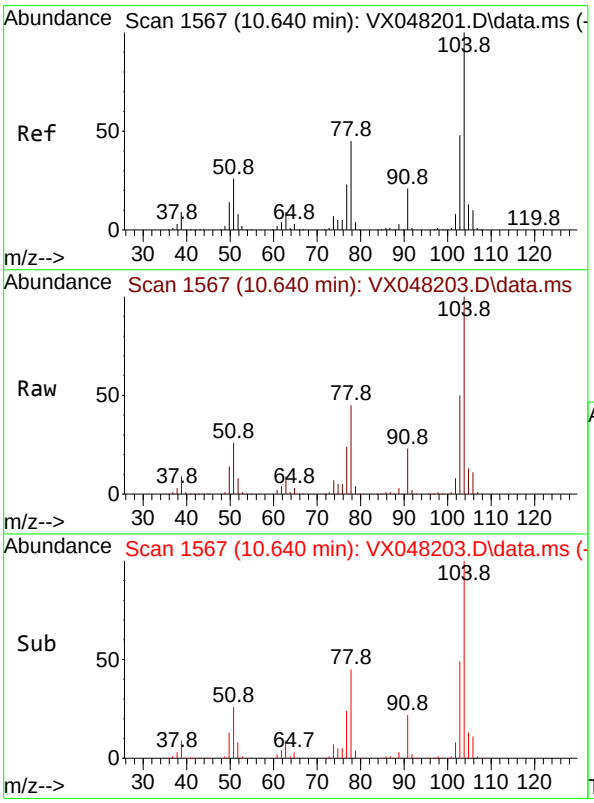
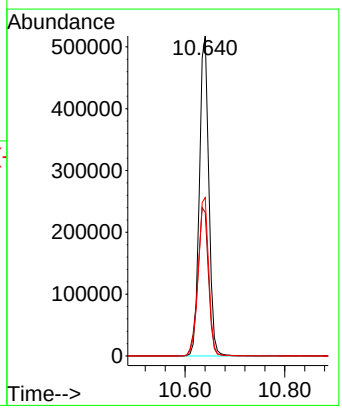
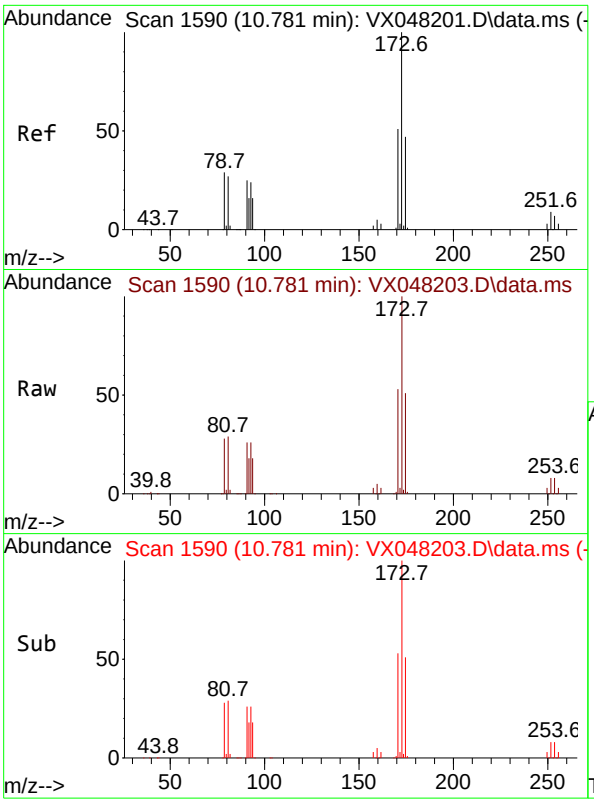


#70
Styrene
Concen: 159.295 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:104 Resp: 679119

Ion	Ratio	Lower	Upper
104	100		
78	52.5	42.2	63.4
103	54.7	43.0	64.4

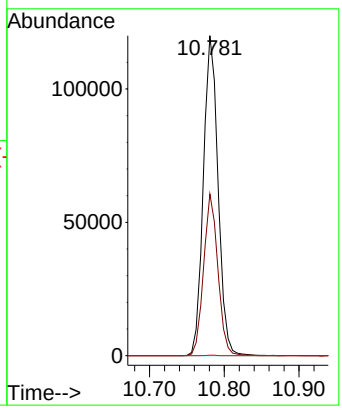




#71
Bromoform
Concen: 150.124 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:173 Resp: 16365

Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.0	72.0
254	0.1	0.0	0.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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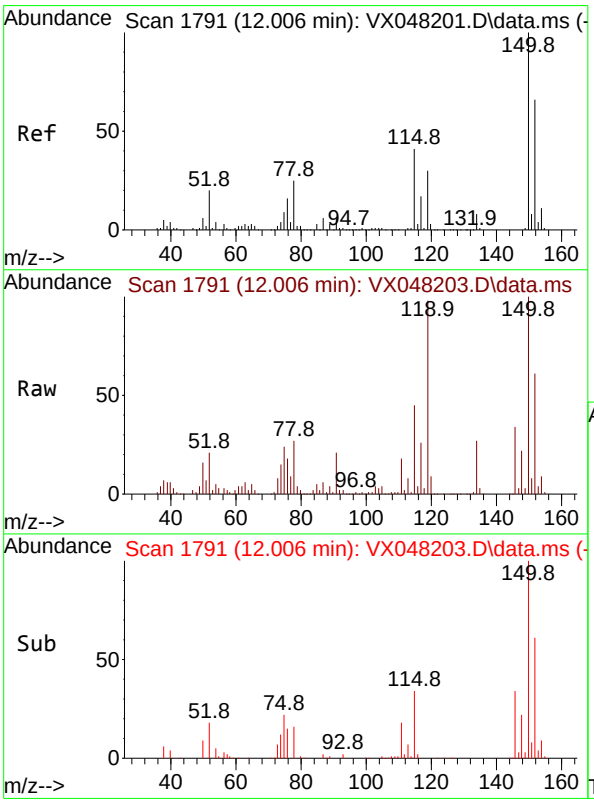
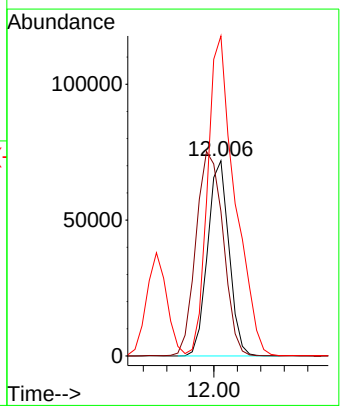
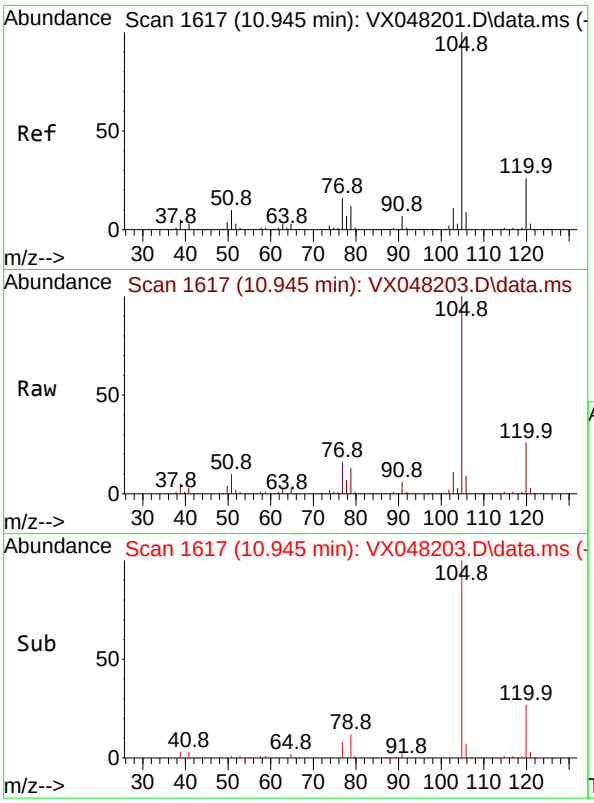


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:152 Resp: 90909

Ion	Ratio	Lower	Upper
152	100		
115	133.2	43.1	129.4#
150	209.5	0.0	353.0

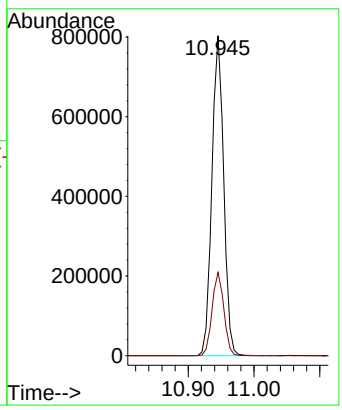




#73
Isopropylbenzene
Concen: 158.294 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:105 Resp: 100089

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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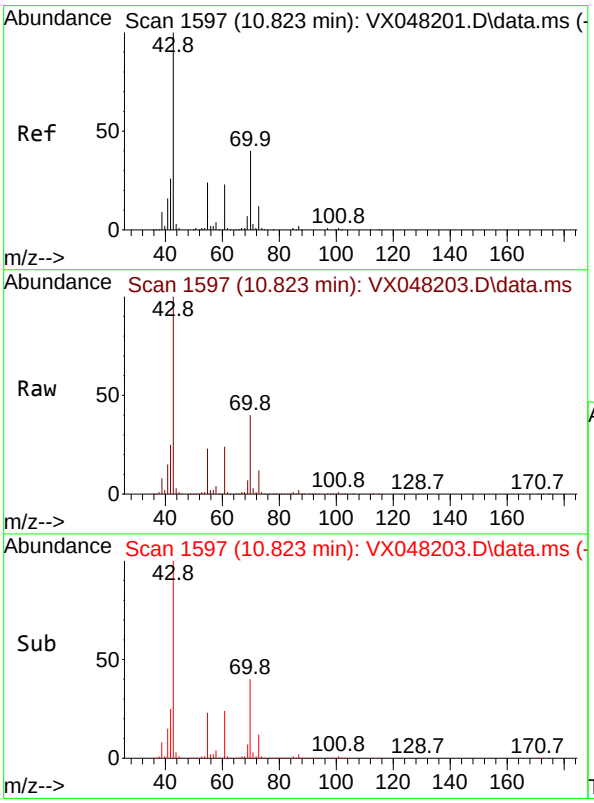
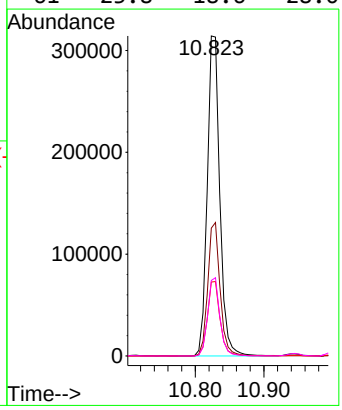
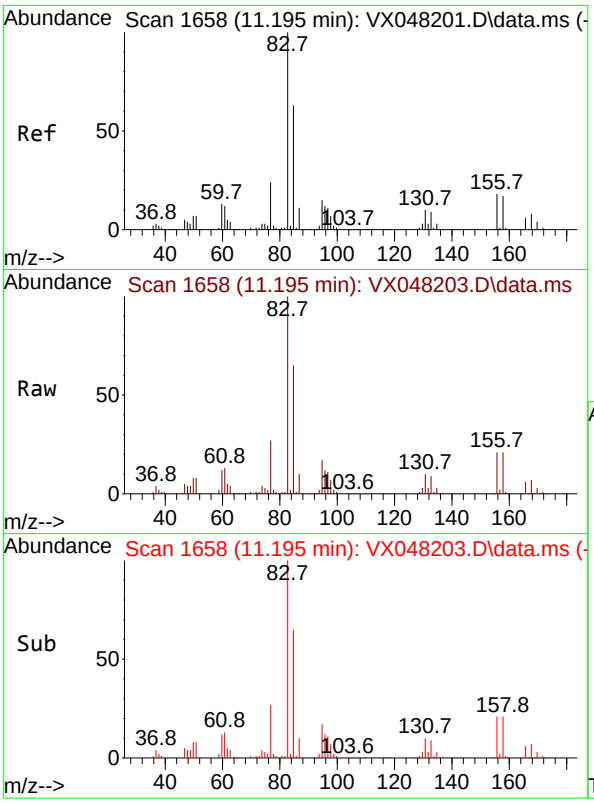


#74
N-amyl acetate
Concen: 169.869 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 43 Resp: 400695

Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.2	48.2
55	23.4	19.1	28.7
61	23.8	18.6	28.0

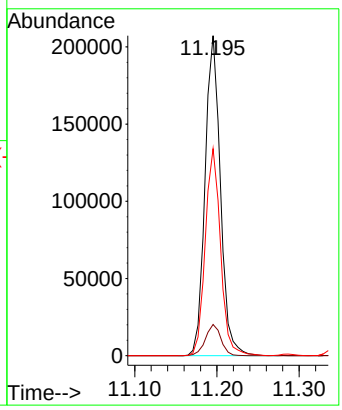




#75
1,1,2,2-Tetrachloroethane
Concen: 150.544 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 83 Resp: 26966

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.8	14.4
85	64.3	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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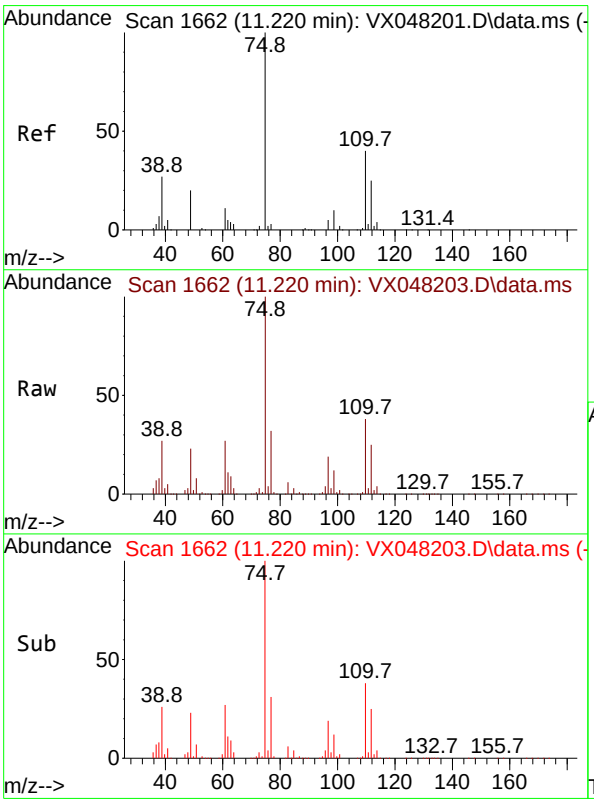
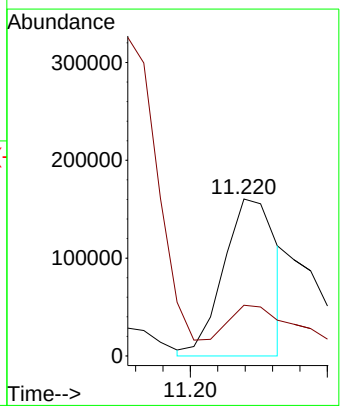
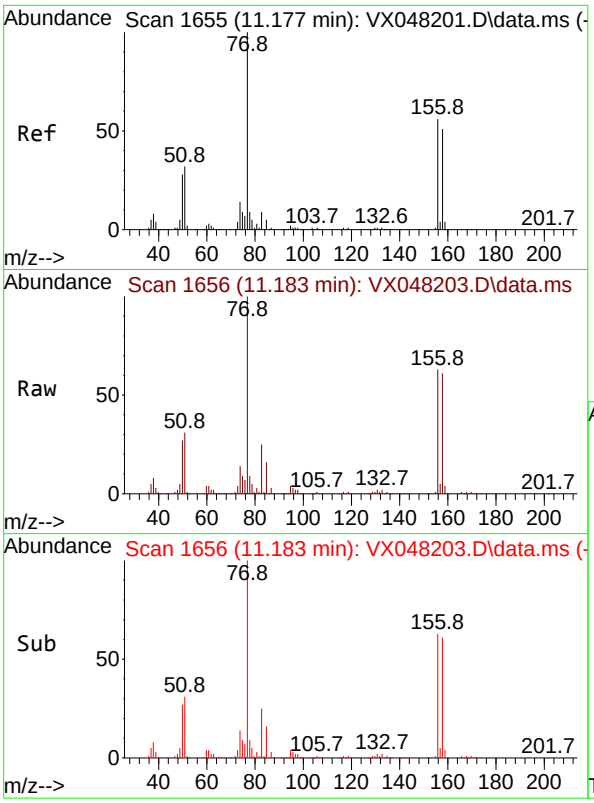


#76
1,2,3-Trichloropropane
Concen: 153.898 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 213642

Ion	Ratio	Lower	Upper
75	100		
77	44.0	22.4	67.2

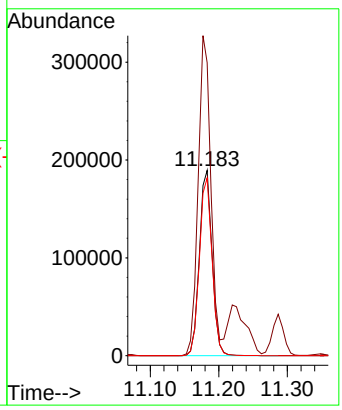




#77
Bromobenzene
Concen: 154.353 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:156 Resp: 24423

Ion	Ratio	Lower	Upper
156	100		
77	174.4	87.0	261.0
158	96.2	47.8	143.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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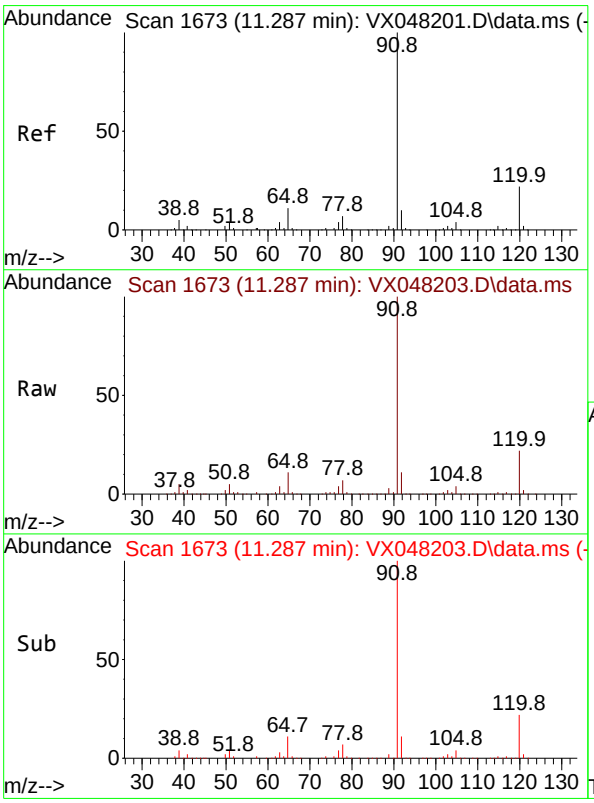
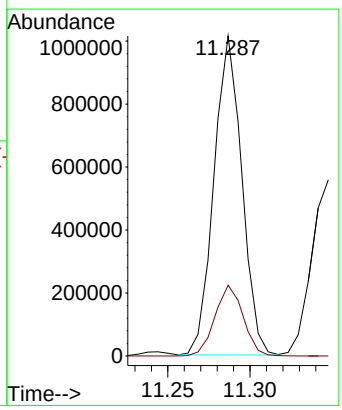
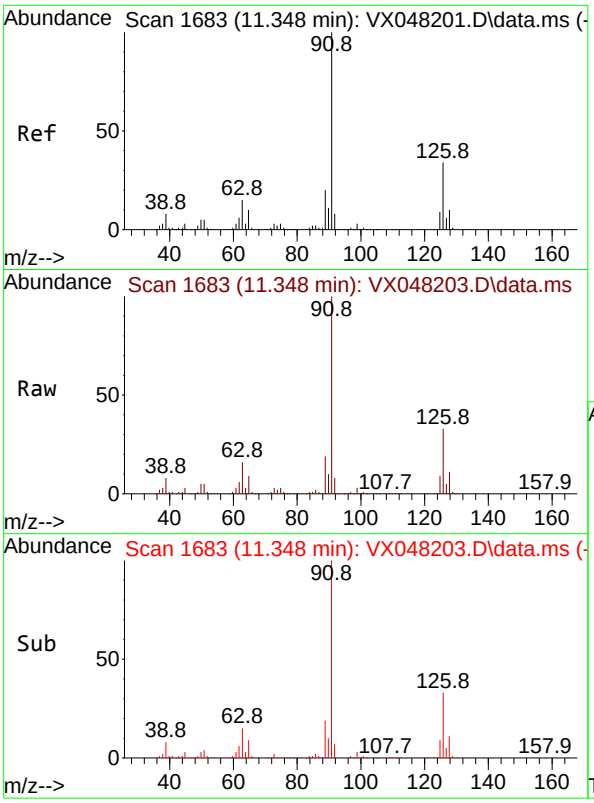


#78
n-propylbenzene
Concen: 155.616 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 91 Resp: 1193225

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

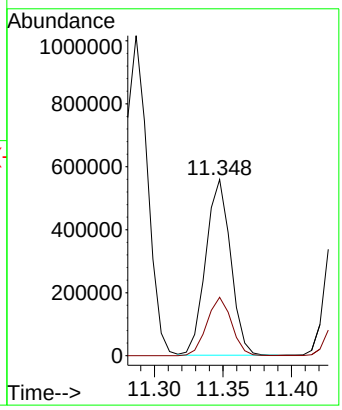




#79
2-Chlorotoluene
Concen: 151.911 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 91 Resp: 70374

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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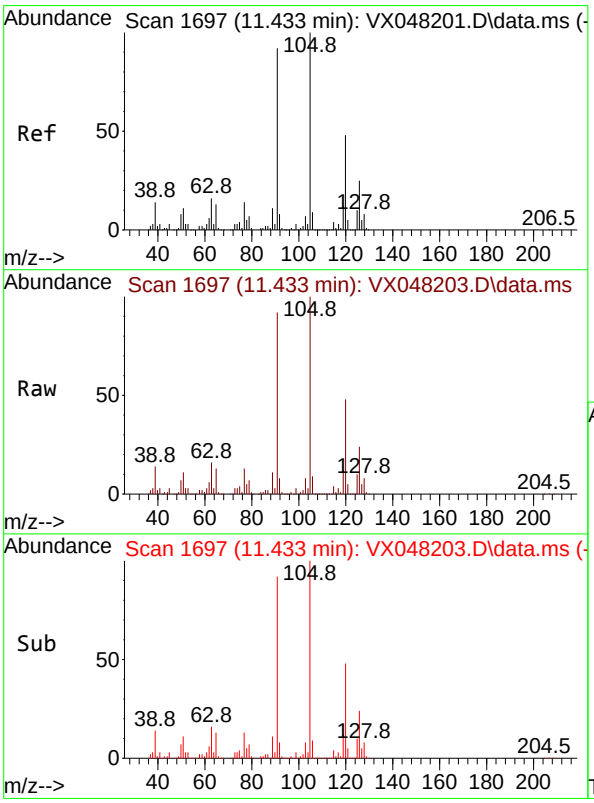
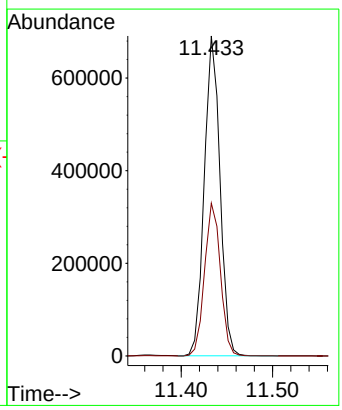
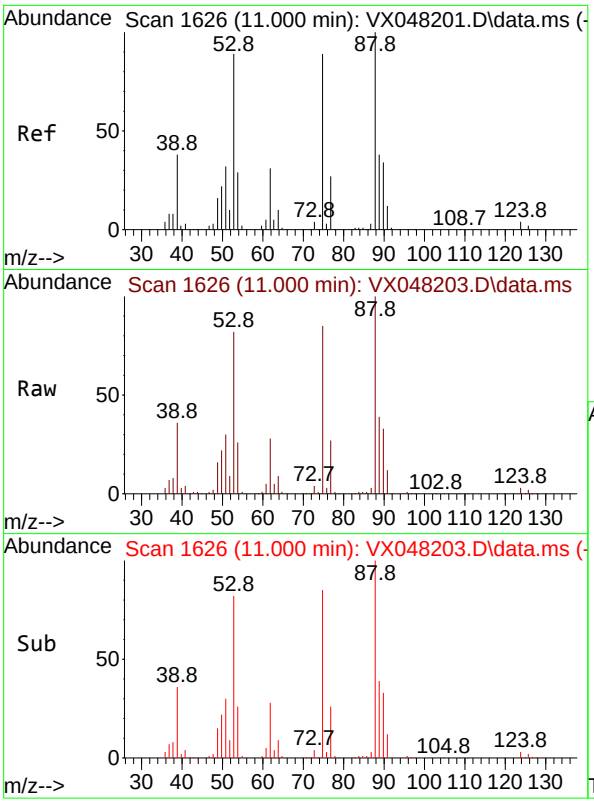


#80
1,3,5-Trimethylbenzene
Concen: 158.350 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:105 Resp: 821868

Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.0	72.0

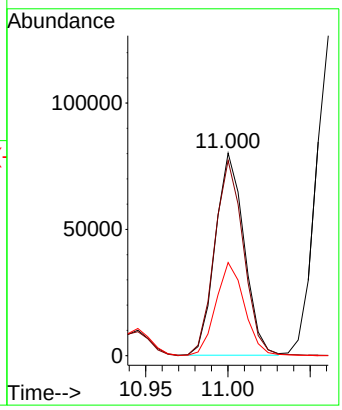




#81
trans-1,4-Dichloro-2-butene
Concen: 171.972 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 9749

Ion	Ratio	Lower	Upper
75	100		
53	97.8	79.5	119.3
89	46.1	36.8	55.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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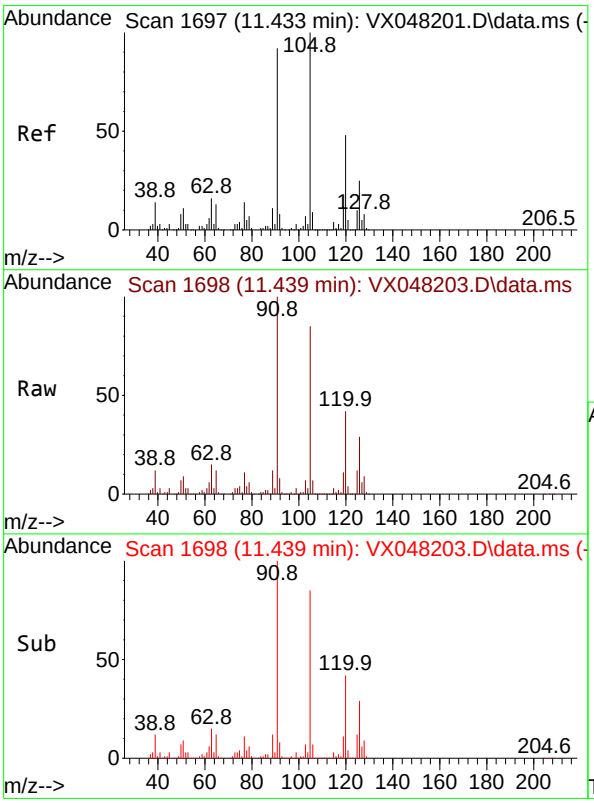
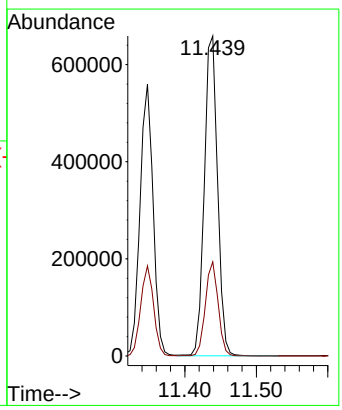
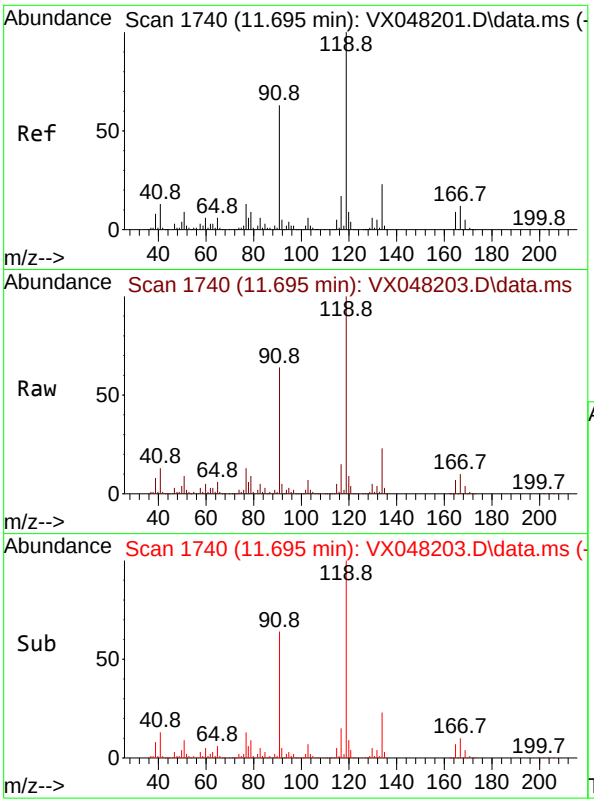


#82
4-Chlorotoluene
Concen: 155.674 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 91 Resp: 847504

Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.1	42.4

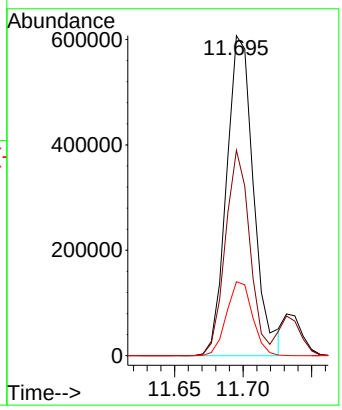




#83
tert-Butylbenzene
Concen: 158.856 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:119 Resp: 83296

Ion	Ratio	Lower	Upper
119	100		
91	58.3	30.3	91.0
134	22.2	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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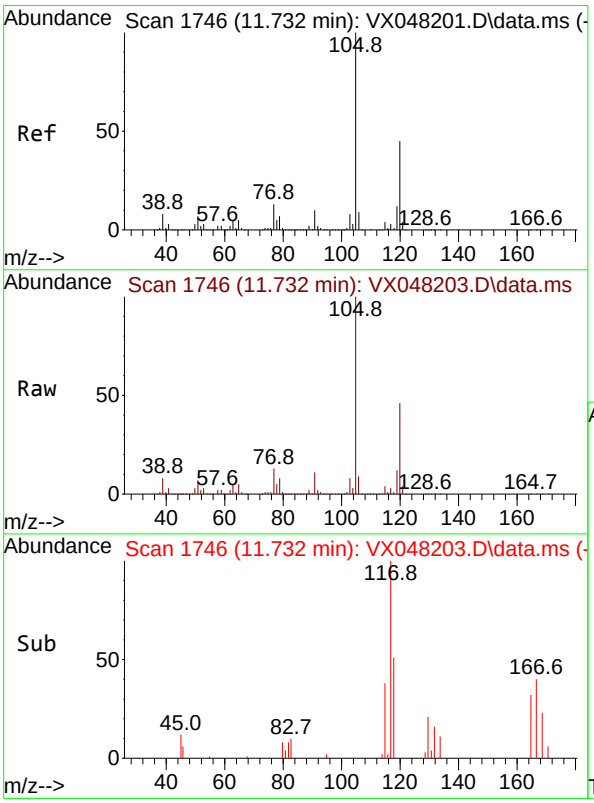
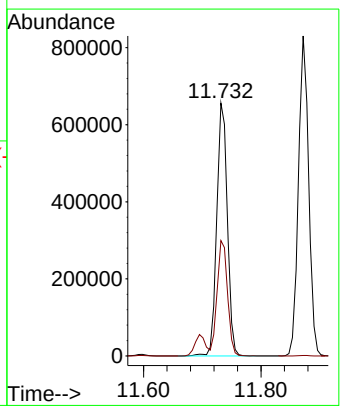
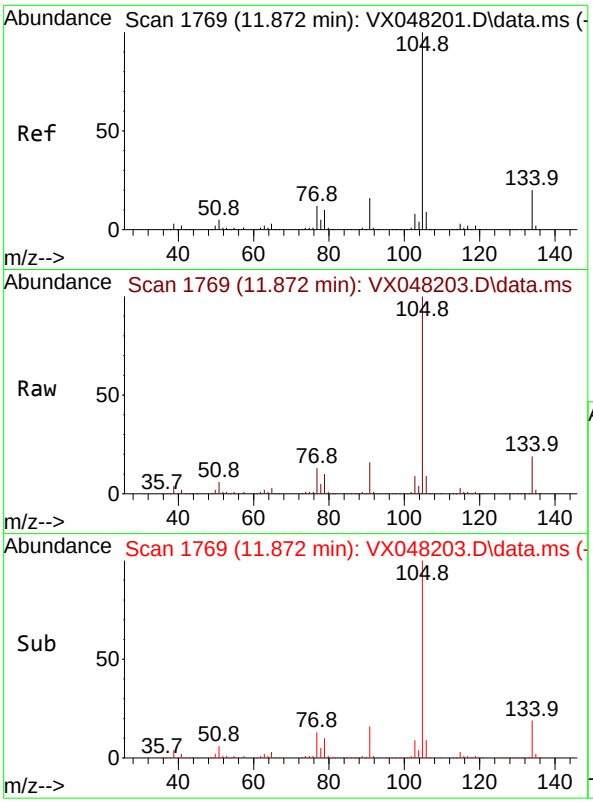


#84
1,2,4-Trimethylbenzene
Concen: 158.416 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:105 Resp: 818722

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.5

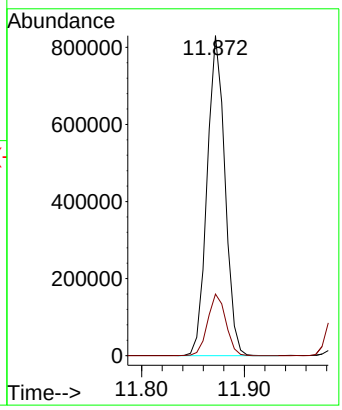




#85
sec-Butylbenzene
Concen: 156.515 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:105 Resp: 100331

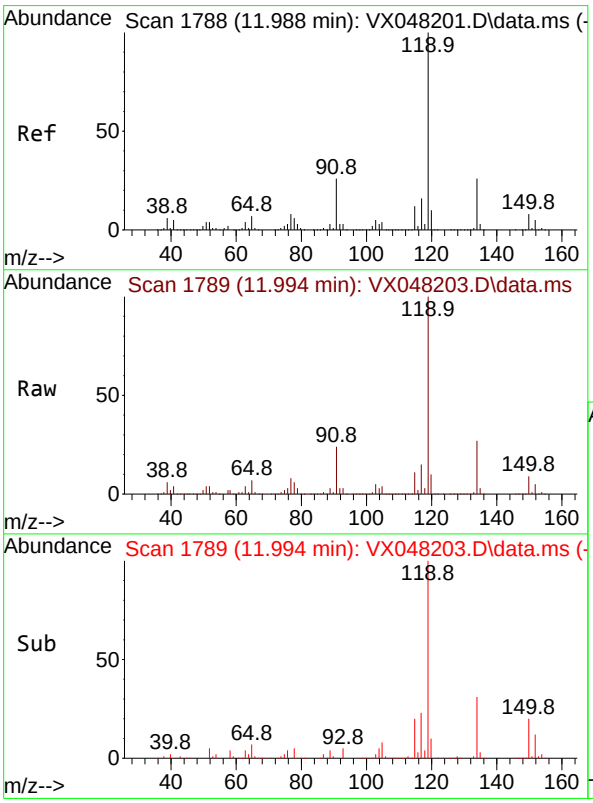
Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

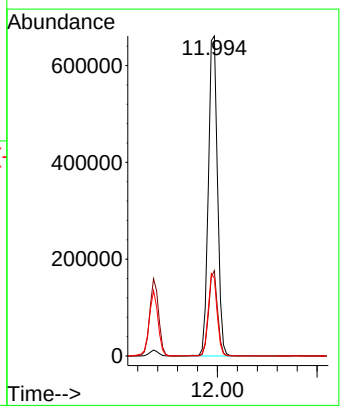
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

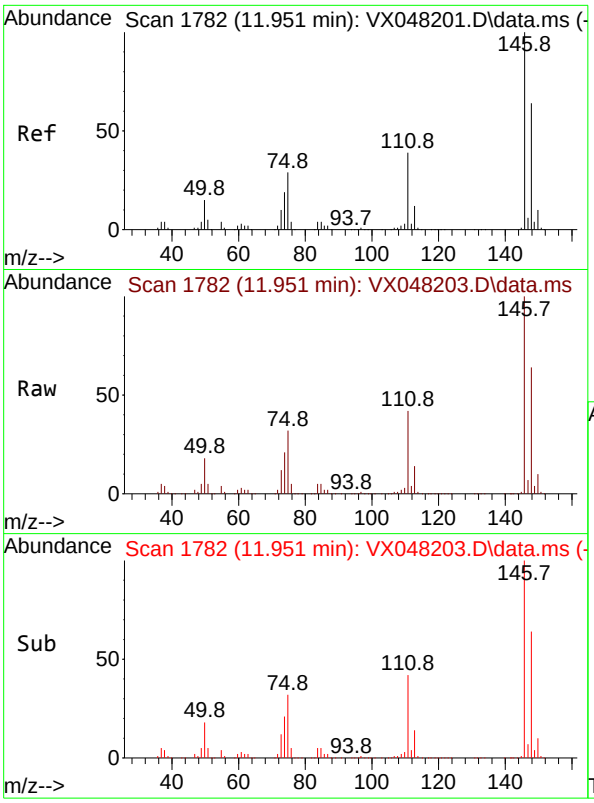


#86
p-Isopropyltoluene
Concen: 155.346 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:119 Resp: 839384

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	39.0
91	24.9	12.1	36.3

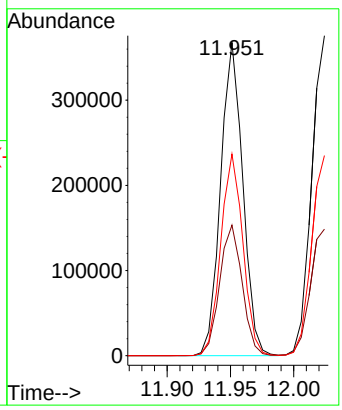




#87
1,3-Dichlorobenzene
Concen: 151.287 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:146 Resp: 44767

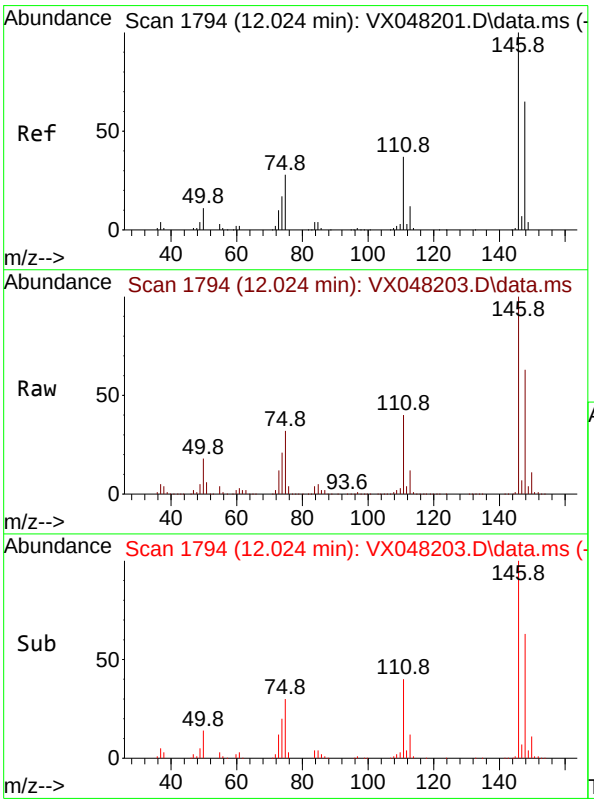
Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.4	61.2
148	64.3	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

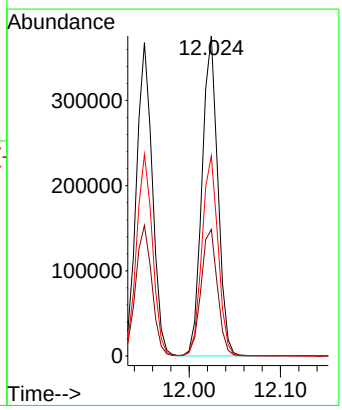
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

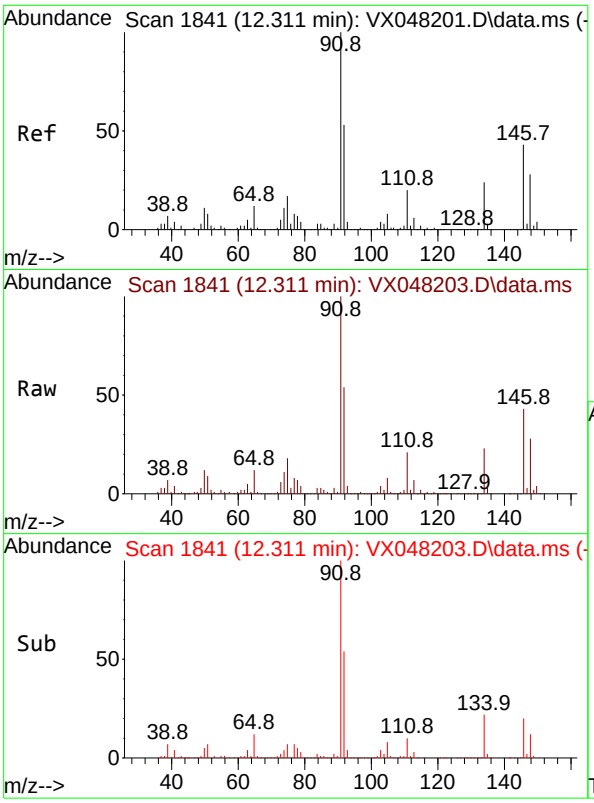


#88
1,4-Dichlorobenzene
Concen: 146.840 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:146 Resp: 450413

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.1	60.2
148	63.6	31.8	95.3

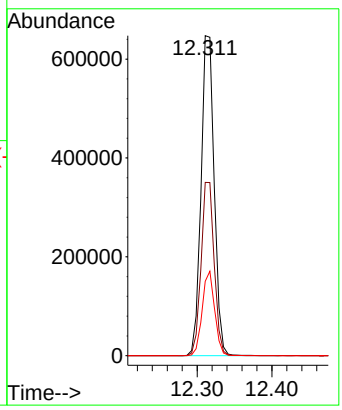




#89
n-Butylbenzene
Concen: 157.153 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 91 Resp: 79090

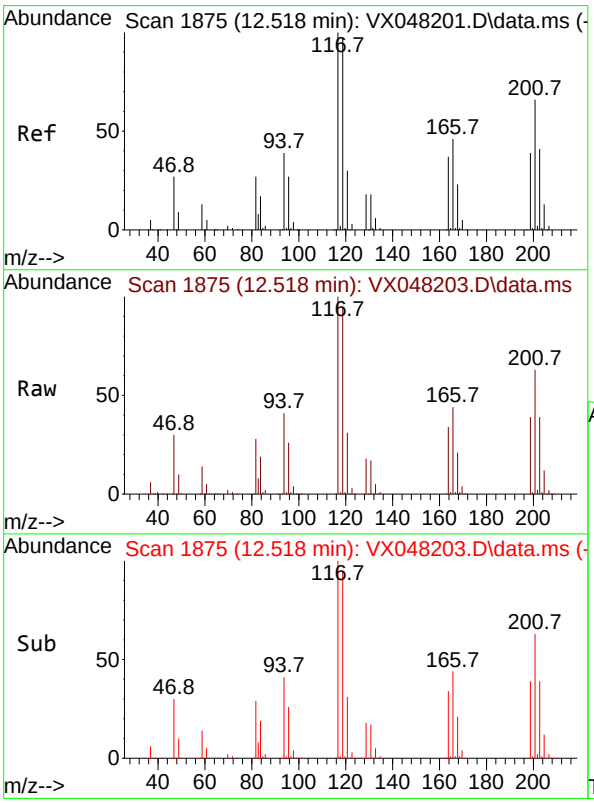
Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.9	80.6
134	25.0	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

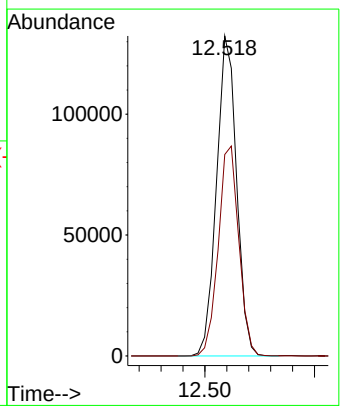
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

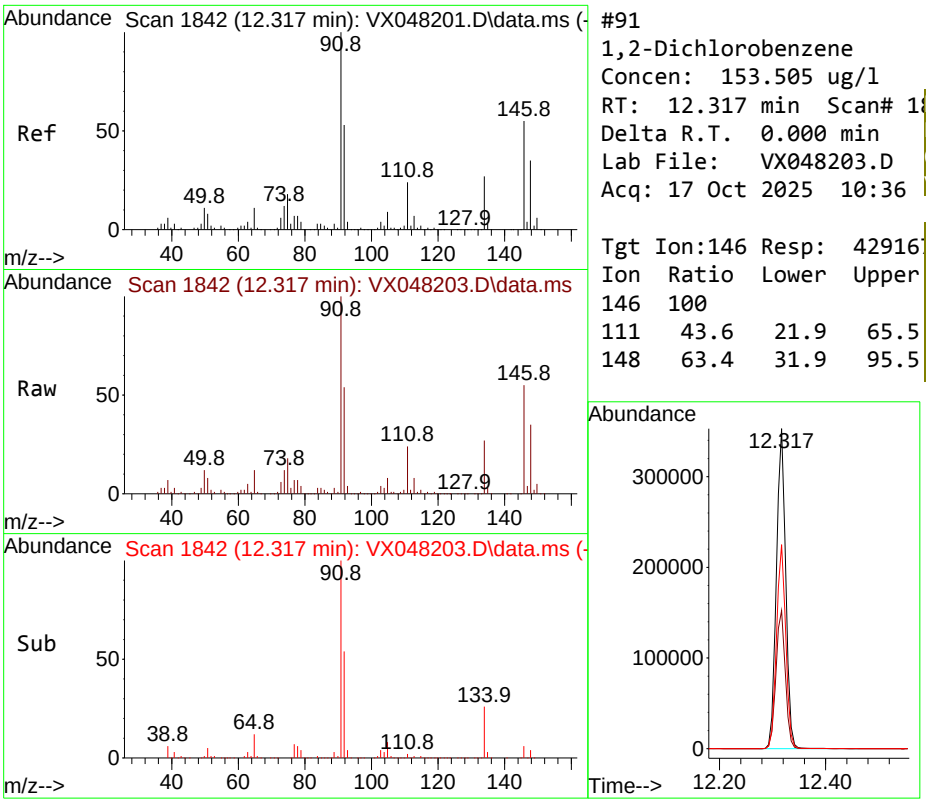


#90
Hexachloroethane
Concen: 147.787 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:117 Resp: 168545

Ion	Ratio	Lower	Upper
117	100		
201	67.2	34.1	102.2





#91
1,2-Dichlorobenzene
Concen: 153.505 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

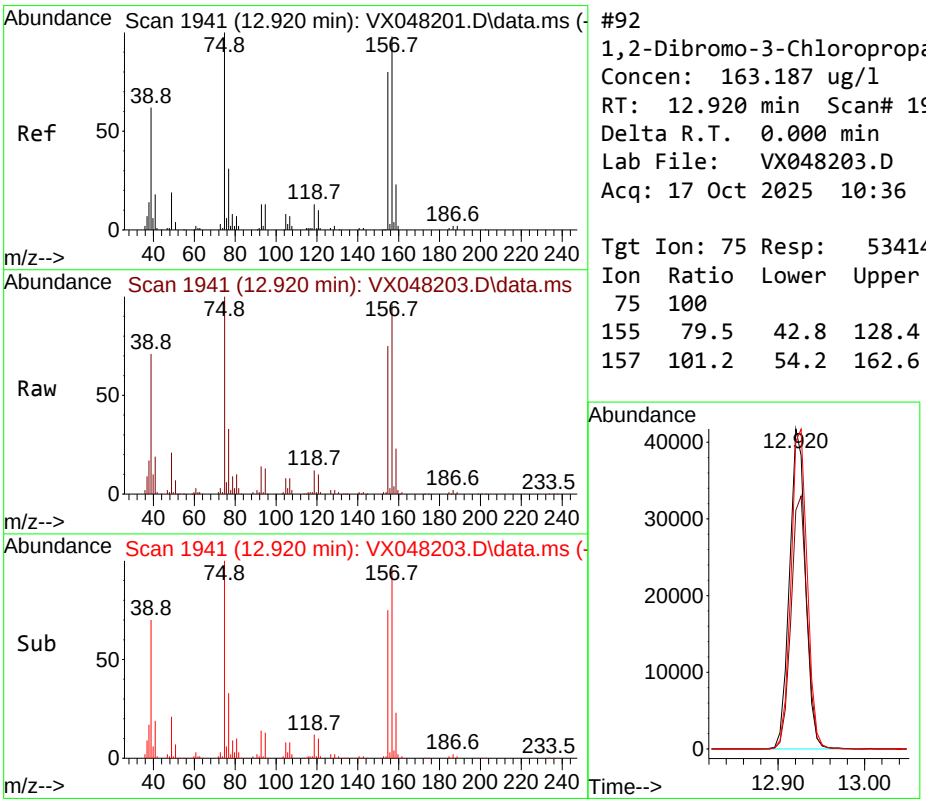
Tgt Ion:146 Resp: 42916

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.9	65.5
148	63.4	31.9	95.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

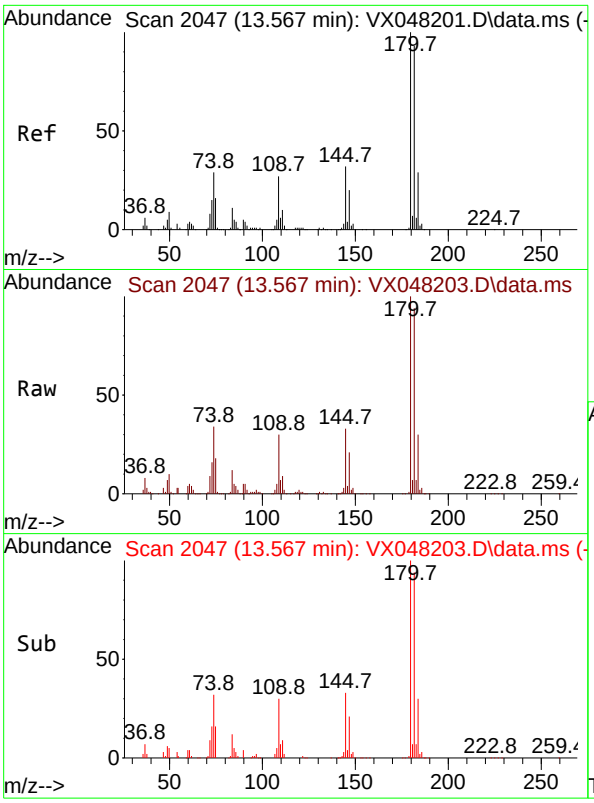
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 163.187 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion: 75 Resp: 53414

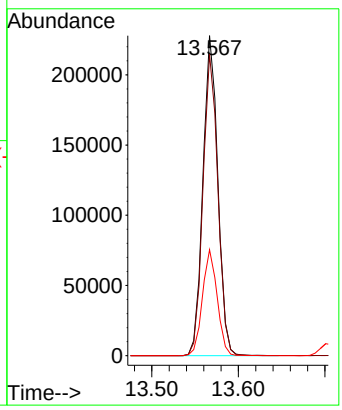
Ion	Ratio	Lower	Upper
75	100		
155	79.5	42.8	128.4
157	101.2	54.2	162.6



#93
1,2,4-Trichlorobenzene
Concen: 164.961 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:180 Resp: 27226

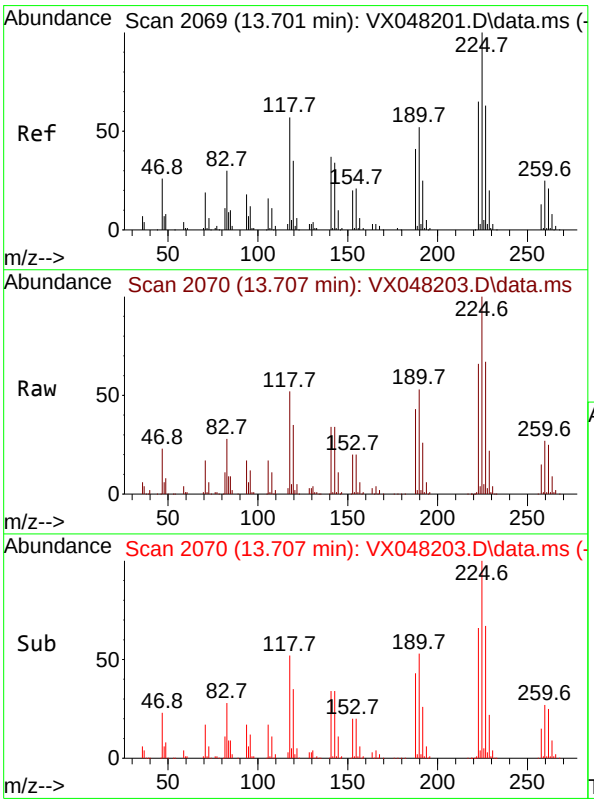
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	142.0
145	32.8	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

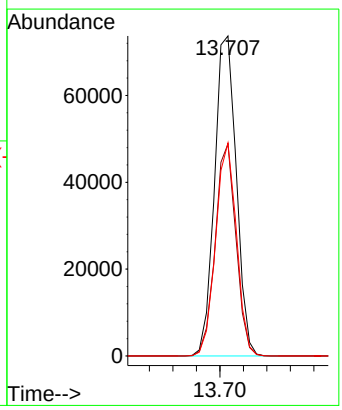
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

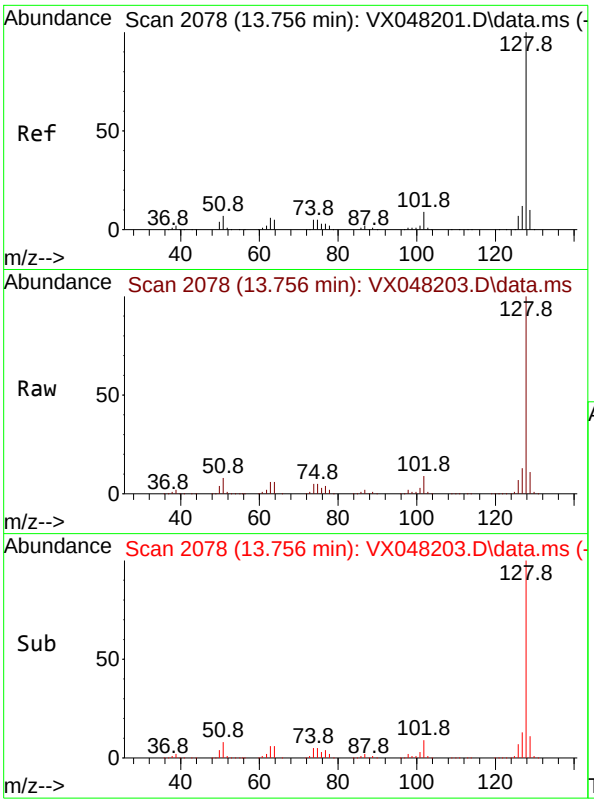


#94
Hexachlorobutadiene
Concen: 149.369 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:225 Resp: 95077

Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.6	97.7
227	63.6	32.5	97.4

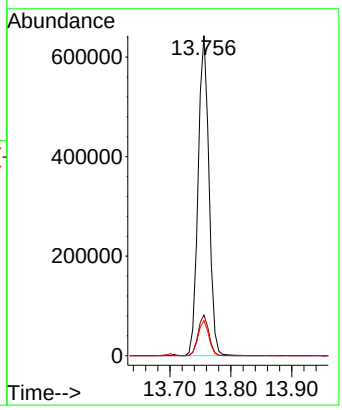




#95
Naphthalene
Concen: 182.408 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:128 Resp: 79358

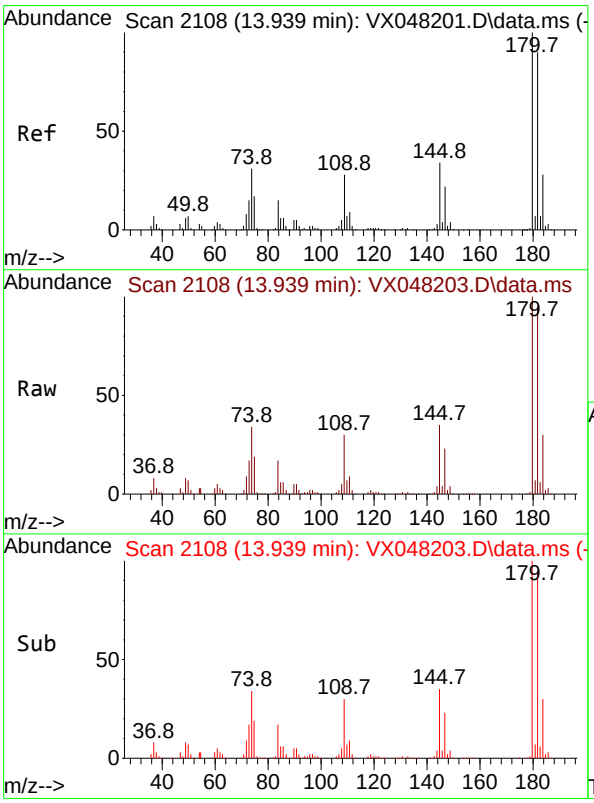
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

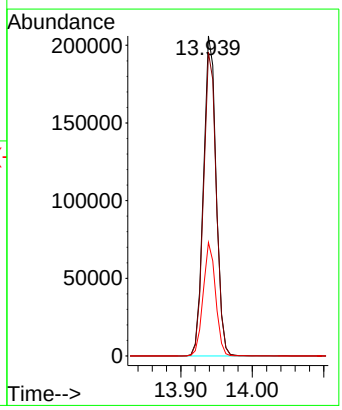
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 166.587 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048203.D
Acq: 17 Oct 2025 10:36

Tgt Ion:180 Resp: 253674

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.7
145	34.8	16.9	50.7



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048205.D
Acq On : 17 Oct 2025 12:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 18 00:11:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations APPROVED
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	156355	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.738	114	244720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	219005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	106969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.933	65	103755	42.834	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 85.660%			
35) Dibromofluoromethane	5.367	113	89936	52.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.900%			
50) Toluene-d8	8.628	98	310880	50.808	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.620%			
62) 4-Bromofluorobenzene	11.061	95	113751	51.042	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	73686	44.902	ug/l	98
3) Chloromethane	1.300	50	88801	44.667	ug/l	100
4) Vinyl Chloride	1.379	62	98235	46.893	ug/l	98
5) Bromomethane	1.617	94	65405	46.950	ug/l	99
6) Chloroethane	1.696	64	59980	44.992	ug/l	96
7) Trichlorofluoromethane	1.892	101	149479	45.460	ug/l	98
8) Diethyl Ether	2.135	74	50265	44.816	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.330	101	86497	46.681	ug/l	98
10) Methyl Iodide	2.452	142	104943	47.285	ug/l	99
11) Tert butyl alcohol	2.934	59	36729	228.526	ug/l	99
12) 1,1-Dichloroethene	2.324	96	86671	47.837	ug/l	89
13) Acrolein	2.233	56	65766m	194.704	ug/l	
14) Allyl chloride	2.660	41	150638	46.221	ug/l	99
15) Acrylonitrile	3.050	53	183048	237.679	ug/l	100
16) Acetone	2.367	43	181655	219.841	ug/l	98
17) Carbon Disulfide	2.513	76	249141	44.693	ug/l	100
18) Methyl Acetate	2.696	43	74357	44.181	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	260919	47.809	ug/l	99
20) Methylene Chloride	2.788	84	92616	46.010	ug/l	99
21) trans-1,2-Dichloroethene	3.086	96	86831	46.325	ug/l	93
22) Diisopropyl ether	3.745	45	302610	47.419	ug/l	99
23) Vinyl Acetate	3.708	43	1160089	243.116	ug/l	100
24) 1,1-Dichloroethane	3.599	63	165401	45.685	ug/l	100
25) 2-Butanone	4.531	43	225805	234.559	ug/l	96
26) 2,2-Dichloropropane	4.464	77	142661	46.100	ug/l	99
27) cis-1,2-Dichloroethene	4.476	96	102088	45.892	ug/l	97
28) Bromochloromethane	4.879	49	83811	50.221	ug/l	99
29) Tetrahydrofuran	4.982	42	133341	235.860	ug/l	99
30) Chloroform	5.068	83	172867	45.352	ug/l	99
31) Cyclohexane	5.458	56	149730	50.544	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	153064	48.873	ug/l	99
36) 1,1-Dichloropropene	5.677	75	111893	46.767	ug/l	99
37) Ethyl Acetate	4.690	43	97568	51.026	ug/l	99
38) Carbon Tetrachloride	5.659	117	128407	46.757	ug/l	99
39) Methylcyclohexane	7.360	83	140029	51.908	ug/l	97
40) Benzene	6.019	78	350574	49.346	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048205.D
Acq On : 17 Oct 2025 12:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 18 00:11:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	54889	53.600	ug/l		99
42) 1,2-Dichloroethane	6.068	62	121006	47.540	ug/l		98
43) Isopropyl Acetate	6.318	43	167171	52.082	ug/l		99
44) Trichloroethene	7.104	130	87333	48.776	ug/l		97
45) 1,2-Dichloropropane	7.409	63	88472	49.205	ug/l		96
46) Dibromomethane	7.561	93	63357	48.973	ug/l		99
47) Bromodichloromethane	7.799	83	137123	49.041	ug/l		98
48) Methyl methacrylate	7.671	41	84299	51.305	ug/l		100
49) 1,4-Dioxane	7.641	88	16652	1125.868	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	457688	256.250	ug/l		98
52) Toluene	8.701	92	218354	51.136	ug/l		100
53) t-1,3-Dichloropropene	8.957	75	136059	51.942	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	147855	51.786	ug/l		99
55) 1,1,2-Trichloroethane	9.134	97	79039	49.609	ug/l		98
56) Ethyl methacrylate	9.098	69	117498	54.222	ug/l		100
57) 1,3-Dichloropropane	9.293	76	138231	49.659	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.220	63	316000	237.458	ug/l		100
59) 2-Hexanone	9.408	43	324396	259.657	ug/l		99
60) Dibromochloromethane	9.500	129	100115	50.202	ug/l		100
61) 1,2-Dibromoethane	9.591	107	81145	49.670	ug/l		99
64) Tetrachloroethene	9.256	164	73778	48.046	ug/l		99
65) Chlorobenzene	10.061	112	237990	49.700	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	84693	49.081	ug/l		98
67) Ethyl Benzene	10.177	91	420398	51.209	ug/l		99
68) m/p-Xylenes	10.280	106	316253	103.406	ug/l		99
69) o-Xylene	10.622	106	149640	51.976	ug/l		100
70) Styrene	10.634	104	259319	52.327	ug/l		99
71) Bromoform	10.780	173	62138	49.037	ug/l	#	100
73) Isopropylbenzene	10.945	105	391926	52.678	ug/l		100
74) N-amyl acetate	10.823	43	145987	52.597	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	103361	49.039	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	81768m	50.058	ug/l		
77) Bromobenzene	11.176	156	93338	50.132	ug/l		99
78) n-propylbenzene	11.286	91	473874	52.522	ug/l		99
79) 2-Chlorotoluene	11.347	91	278351	51.064	ug/l		100
80) 1,3,5-Trimethylbenzene	11.432	105	324513	53.137	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	34576	51.831	ug/l		97
82) 4-Chlorotoluene	11.432	91	334431	52.207	ug/l		100
83) tert-Butylbenzene	11.695	119	319164	51.730	ug/l		100
84) 1,2,4-Trimethylbenzene	11.731	105	325437	53.516	ug/l		100
85) sec-Butylbenzene	11.871	105	395960	52.495	ug/l		99
86) p-Isopropyltoluene	11.987	119	329988	51.902	ug/l		98
87) 1,3-Dichlorobenzene	11.951	146	174040	49.985	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	176415	48.878	ug/l		99
89) n-Butylbenzene	12.316	91	312594	52.787	ug/l		100
90) Hexachloroethane	12.518	117	63664	47.442	ug/l		97
91) 1,2-Dichlorobenzene	12.316	146	163248	49.624	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	18921	49.127	ug/l		94
93) 1,2,4-Trichlorobenzene	13.566	180	101316	52.170	ug/l		100
94) Hexachlorobutadiene	13.706	225	39285	52.452	ug/l		98
95) Naphthalene	13.755	128	281261	54.943	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	95099	53.075	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048205.D
Acq On : 17 Oct 2025 12:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Quant Time: Oct 18 00:11:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048205.D
Acq On : 17 Oct 2025 12:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 18 00:11:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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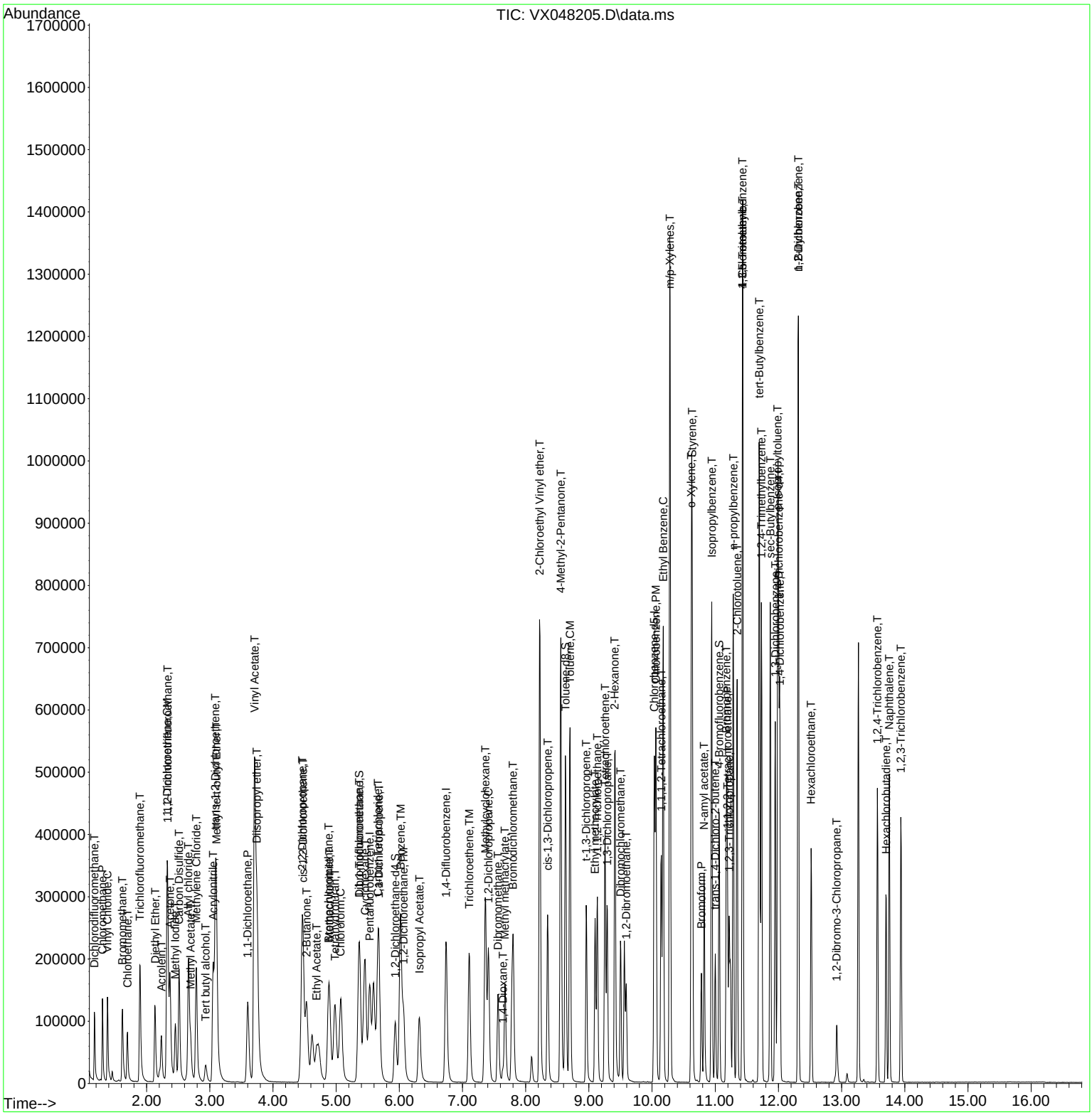
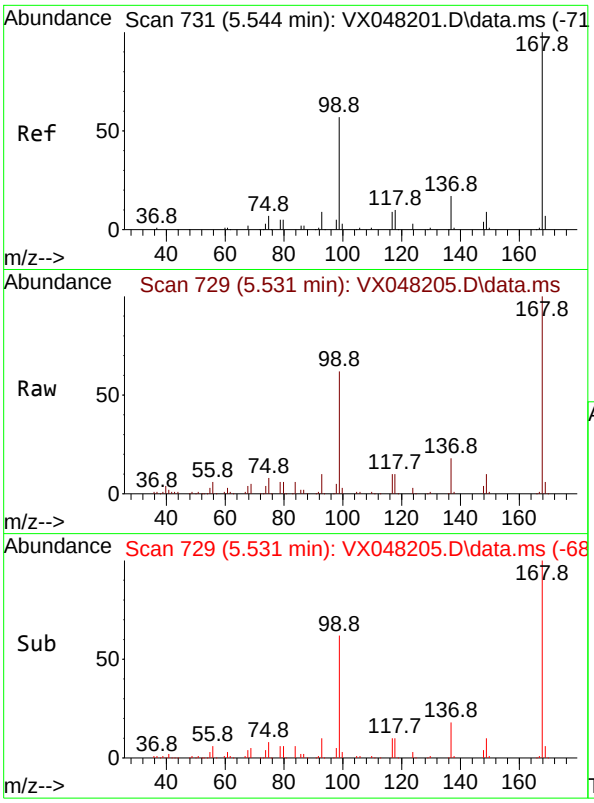
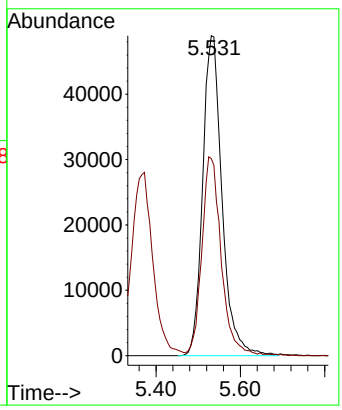




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:168 Resp: 15635

Ion	Ratio	Lower	Upper
168	100		
99	61.3	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations APPROVED

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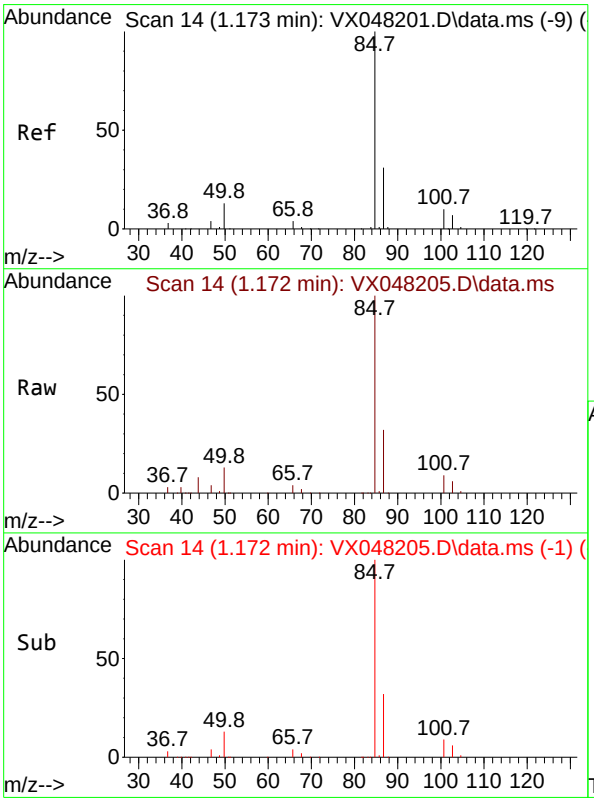
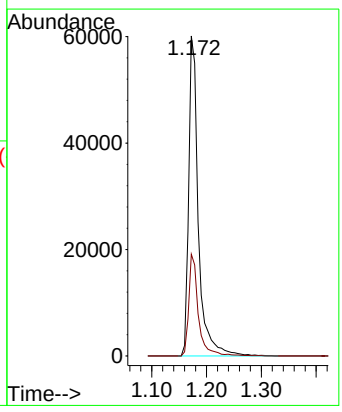
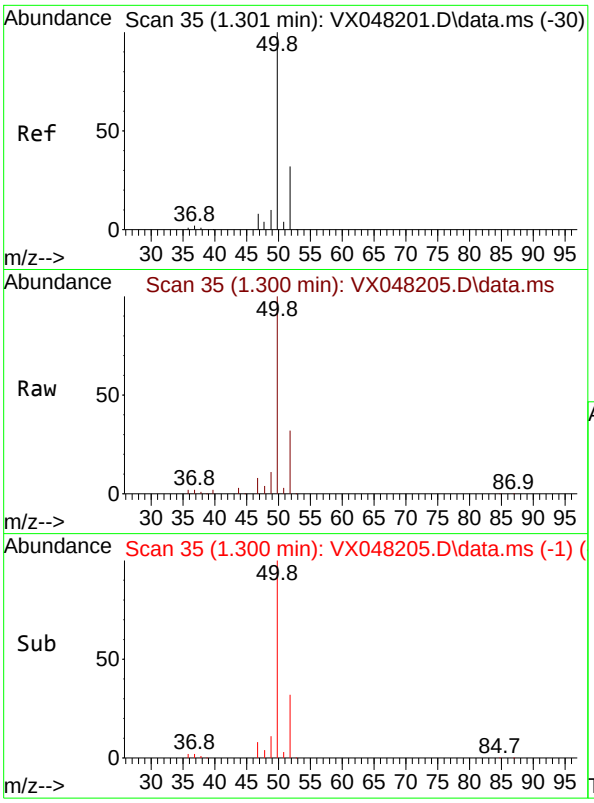


#2
Dichlorodifluoromethane
Concen: 44.902 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 85 Resp: 73686

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.3	45.9

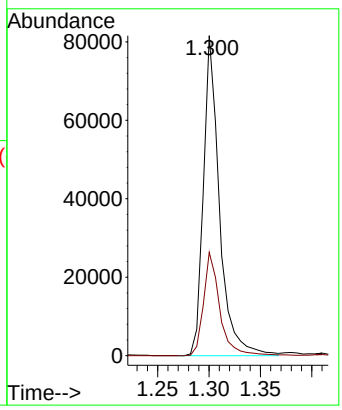




#3
Chloromethane
Concen: 44.667 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 50 Resp: 8880

Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
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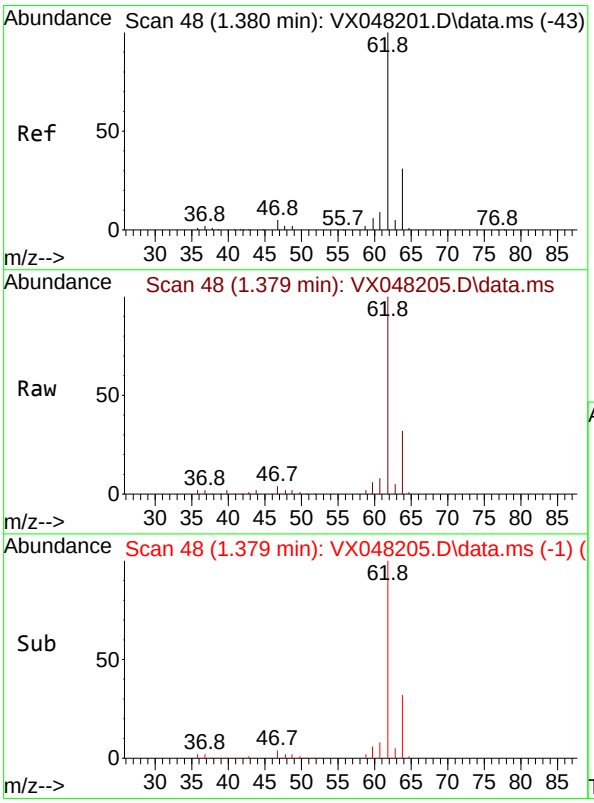
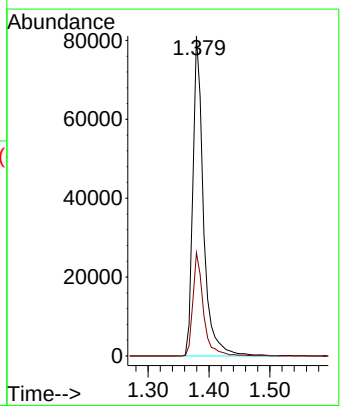
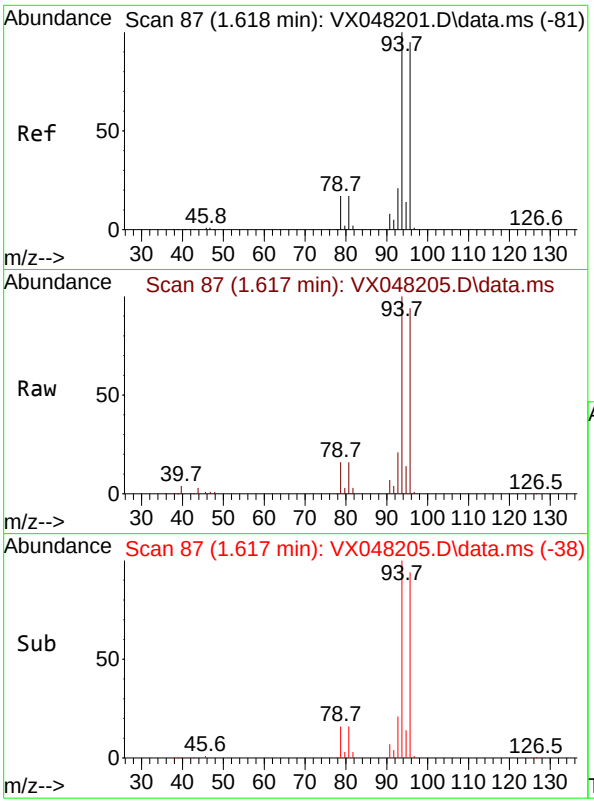


#4
Vinyl Chloride
Concen: 46.893 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 62 Resp: 98235

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.1	37.7

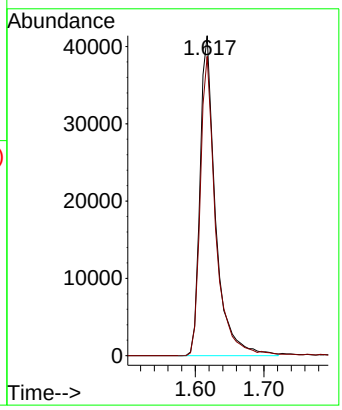




#5
Bromomethane
Concen: 46.950 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 94 Resp: 6540

Ion	Ratio	Lower	Upper
94	100		
96	93.5	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations
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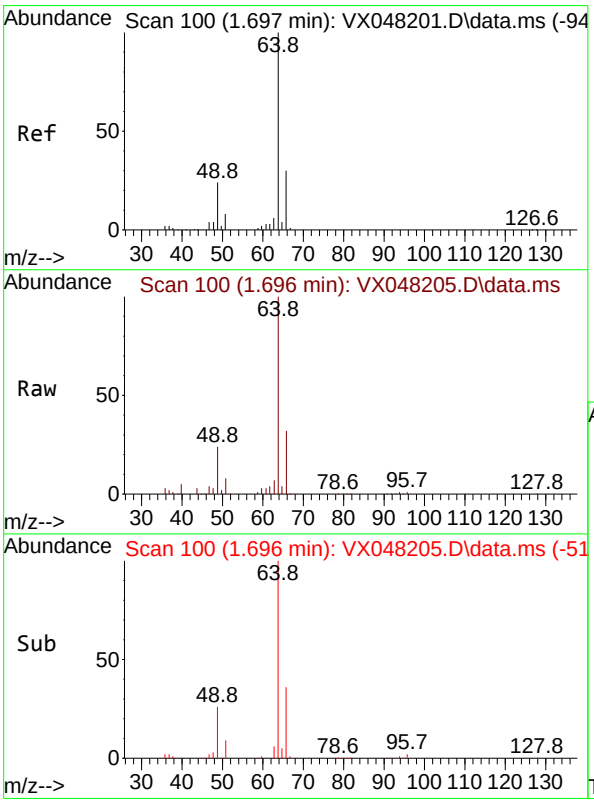
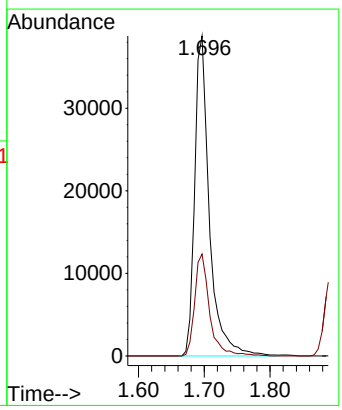
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

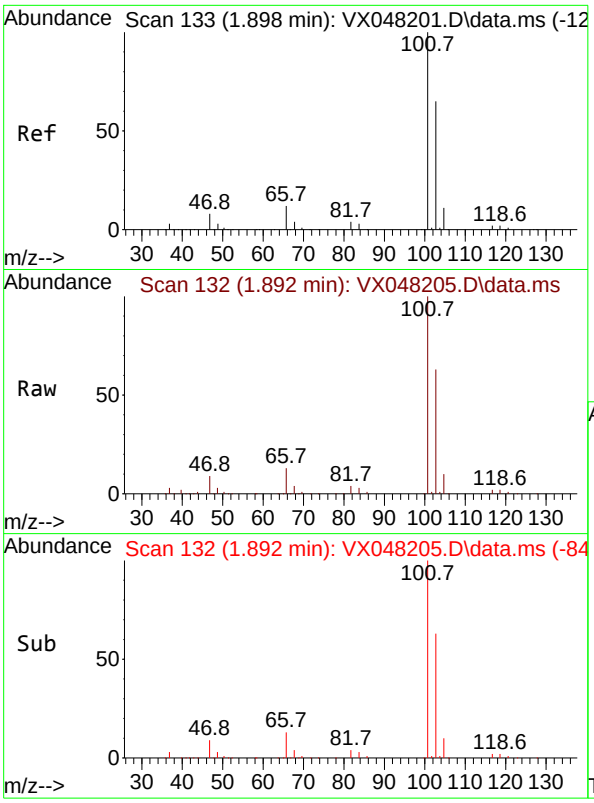


#6
Chloroethane
Concen: 44.992 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 64 Resp: 59980

Ion	Ratio	Lower	Upper
64	100		
66	31.8	23.9	35.9

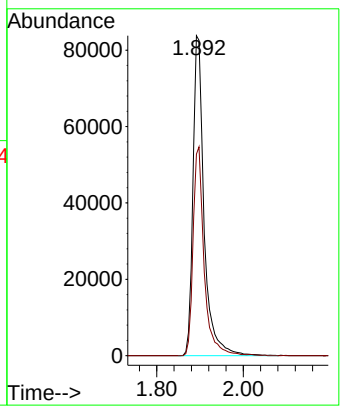




#7
Trichlorofluoromethane
Concen: 45.460 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:101 Resp: 14947

Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.6	77.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
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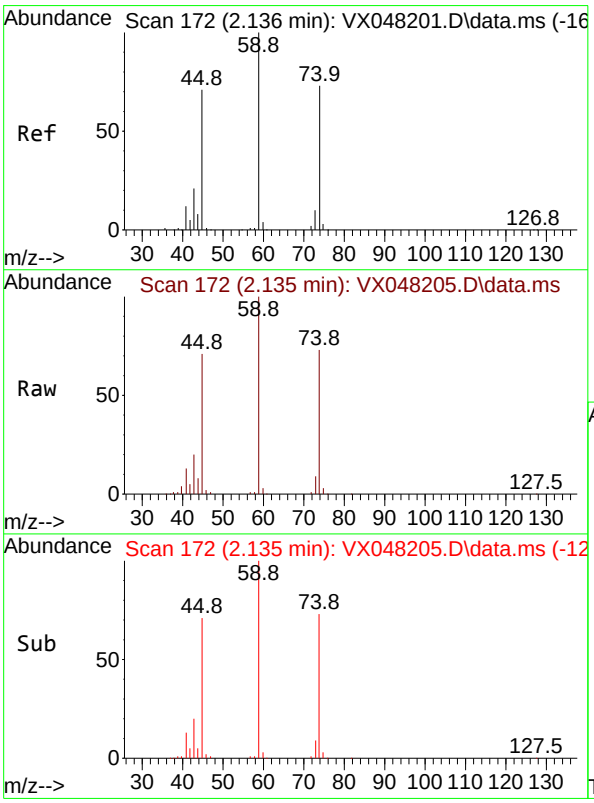
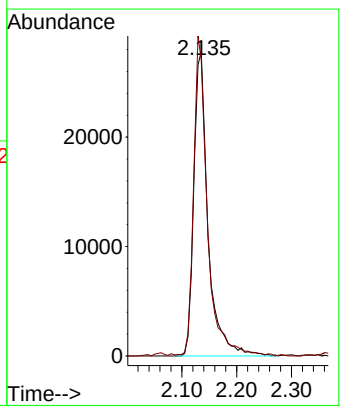
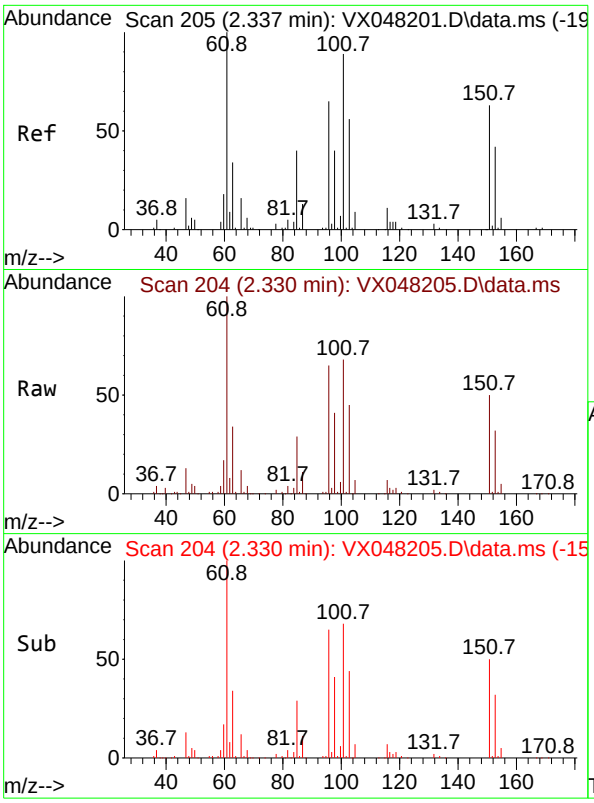


#8
Diethyl Ether
Concen: 44.816 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 74 Resp: 50265

Ion	Ratio	Lower	Upper
74	100		
45	101.9	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.681 ug/l
RT: 2.330 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:101 Resp: 8649

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.6	53.4
151	74.5	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
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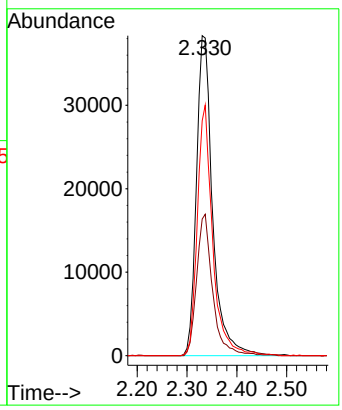
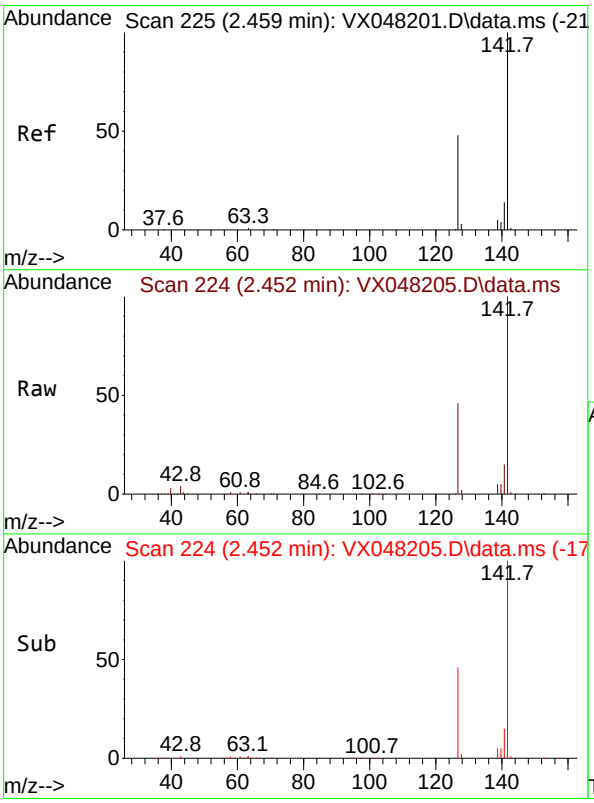
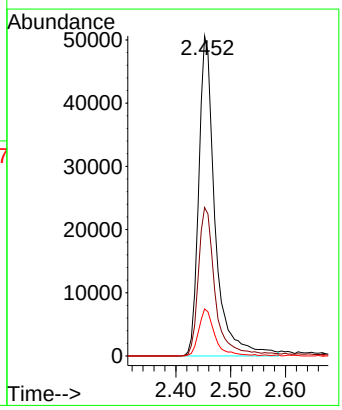


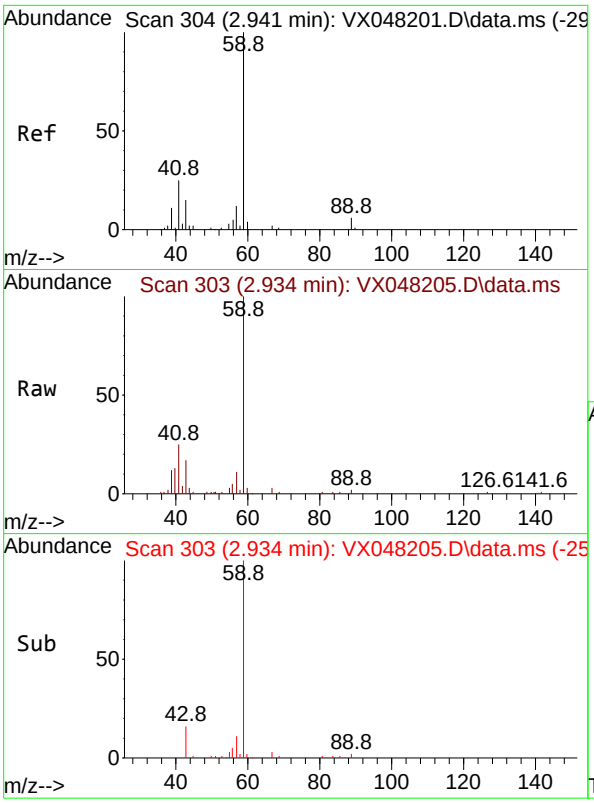


#10
Methyl Iodide
Concen: 47.285 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:142 Resp: 104943

Ion	Ratio	Lower	Upper
142	100		
127	47.3	38.5	57.7
141	14.4	11.6	17.4

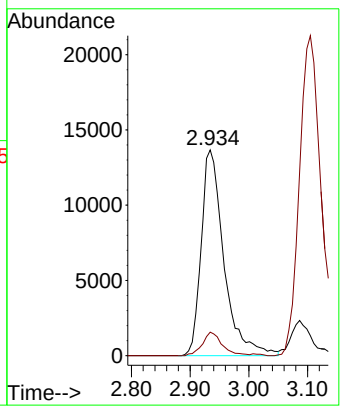




#11
Tert butyl alcohol
Concen: 228.526 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 59 Resp: 3672

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
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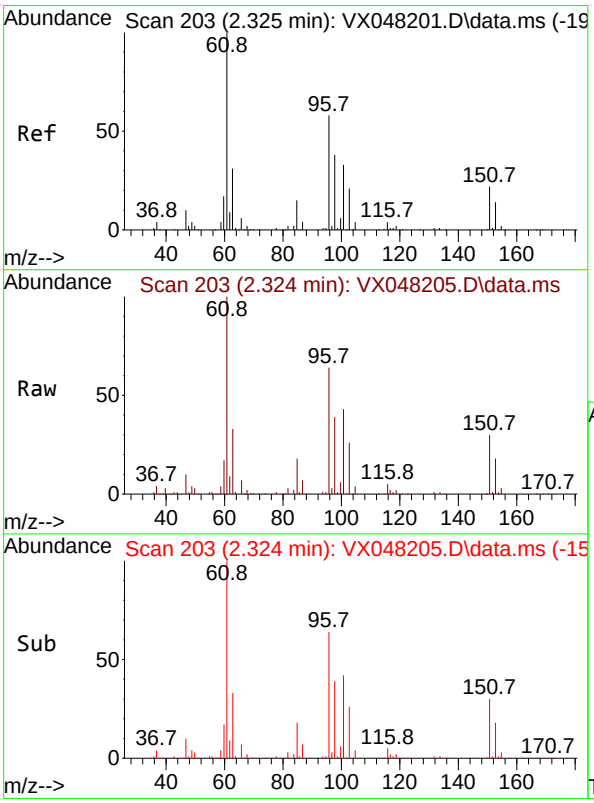
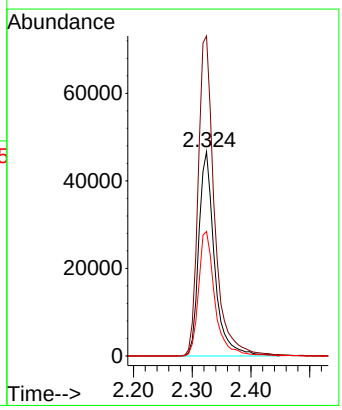
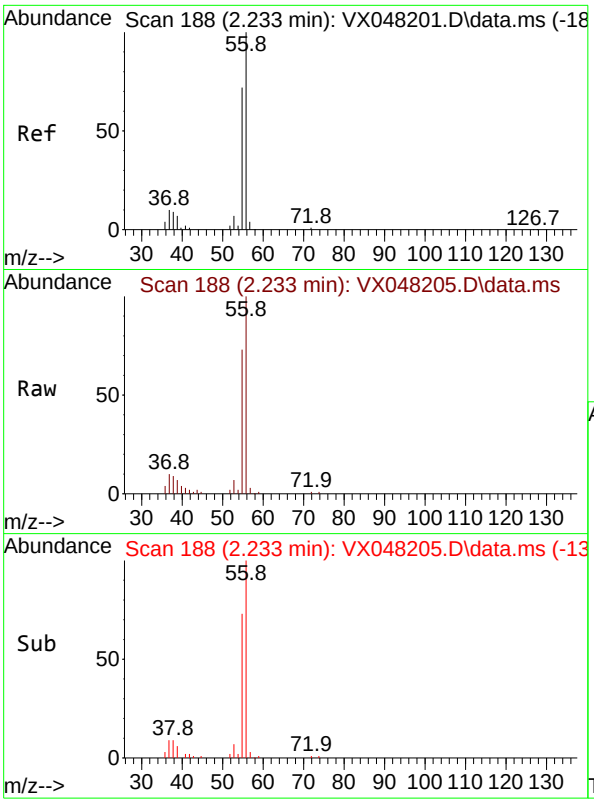


#12
1,1-Dichloroethene
Concen: 47.837 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 96 Resp: 86671

Ion	Ratio	Lower	Upper
96	100		
61	156.7	139.0	208.6
98	60.9	52.4	78.6

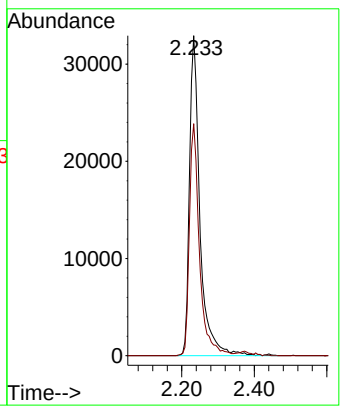




#13
Acrolein
Concen: 194.704 ug/l m
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 56 Resp: 6576

Ion	Ratio	Lower	Upper
56	100		
55	69.9	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
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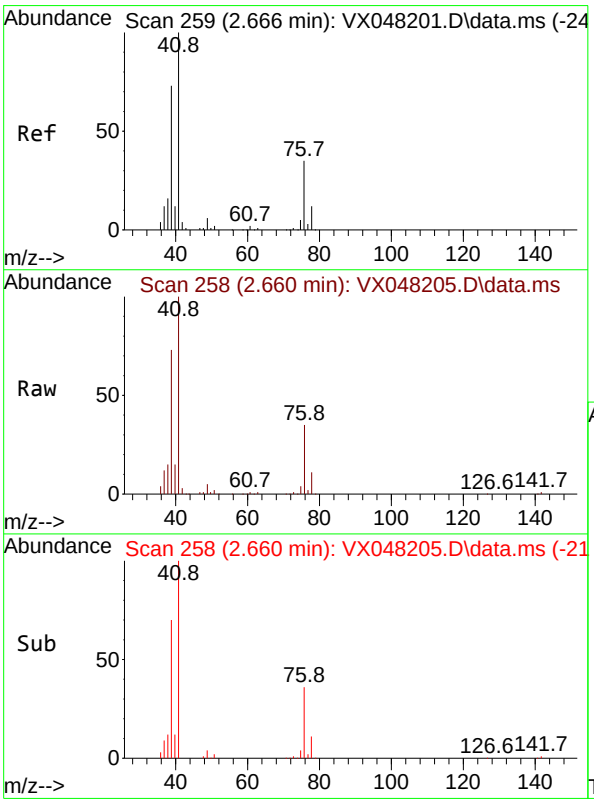
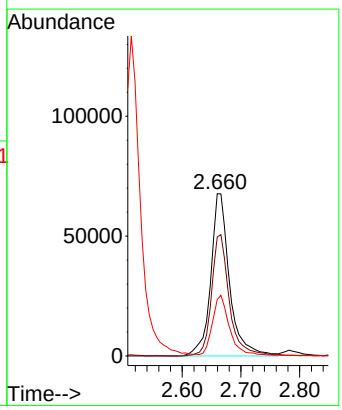
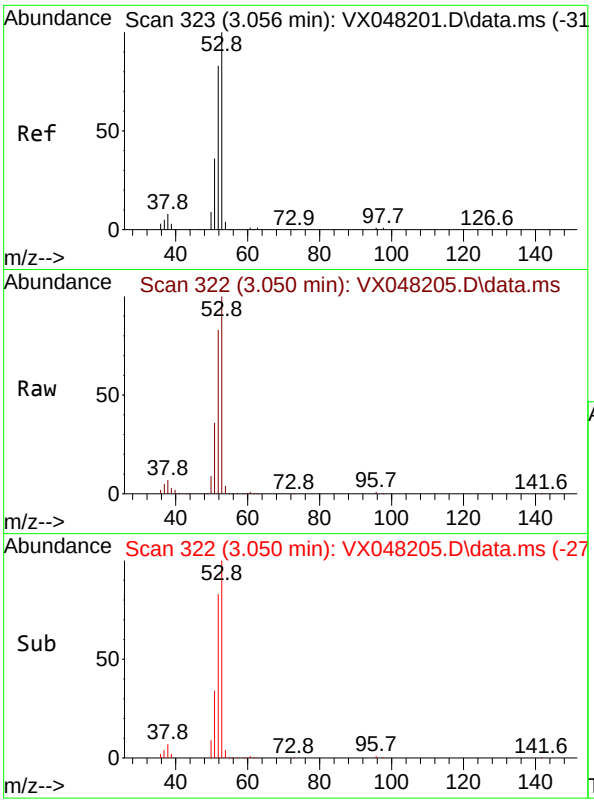


#14
Allyl chloride
Concen: 46.221 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 41 Resp: 150638

Ion	Ratio	Lower	Upper
41	100		
39	71.2	56.0	84.0
76	34.8	27.5	41.3

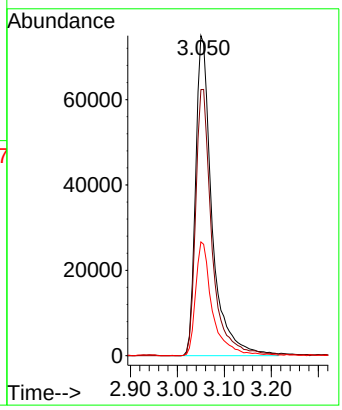




#15
Acrylonitrile
Concen: 237.679 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 53 Resp: 18304

Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	36.1	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
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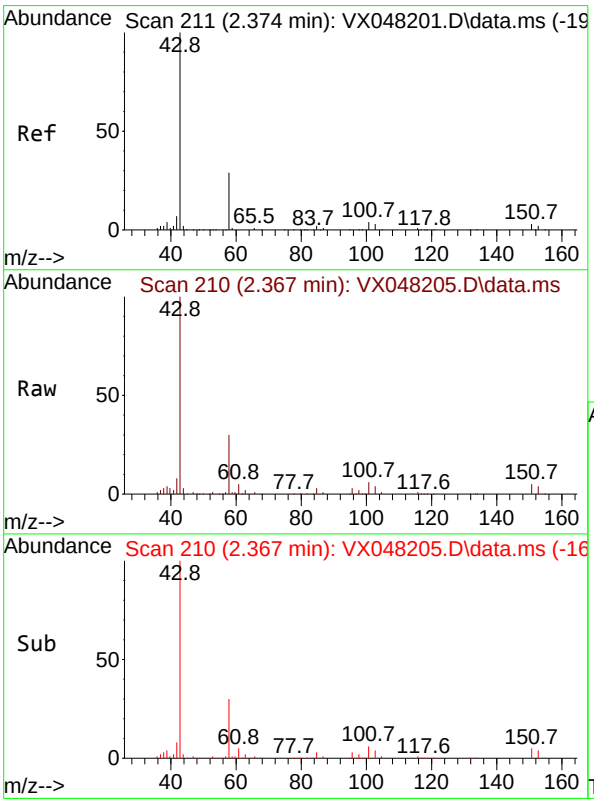
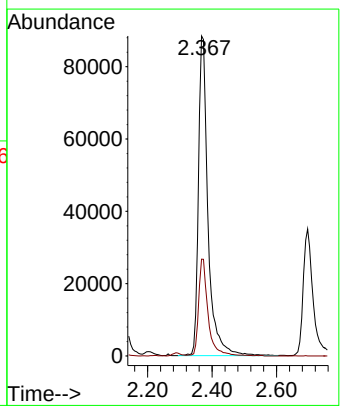
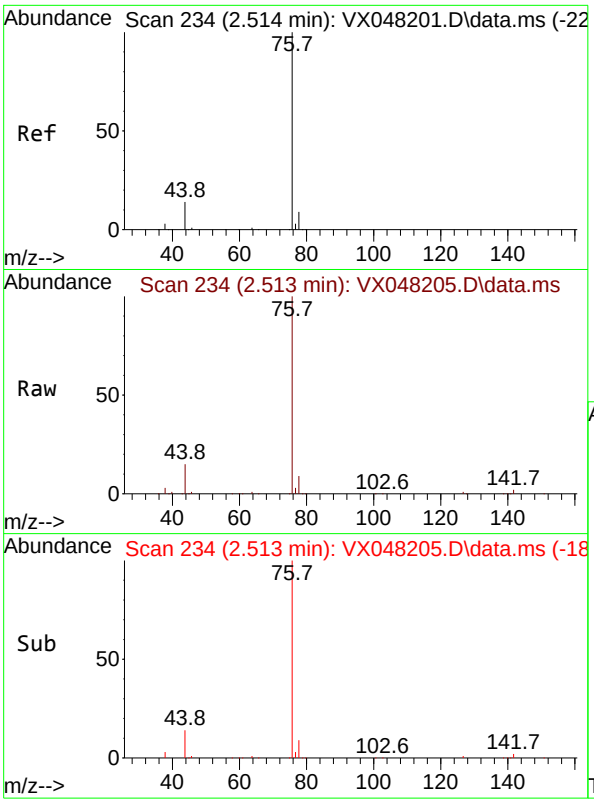


#16
Acetone
Concen: 219.841 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 43 Resp: 181655

Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.4	35.2

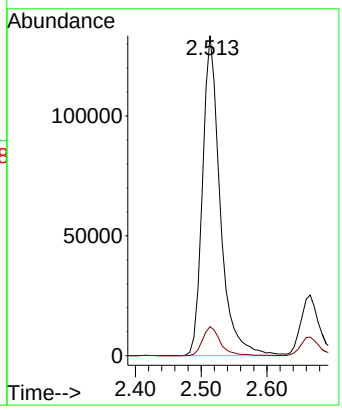




#17
Carbon Disulfide
Concen: 44.693 ug/l
RT: 2.513 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 76 Resp: 24914

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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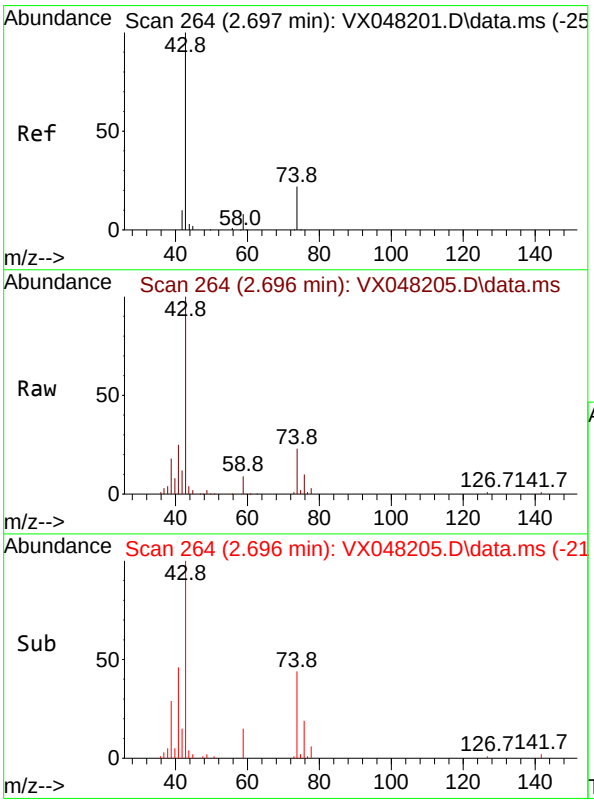
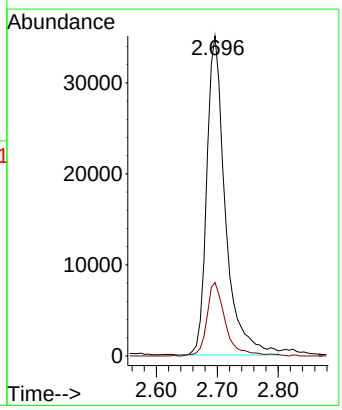
Supervised By :Mahesh Dadoda 10/20/2025

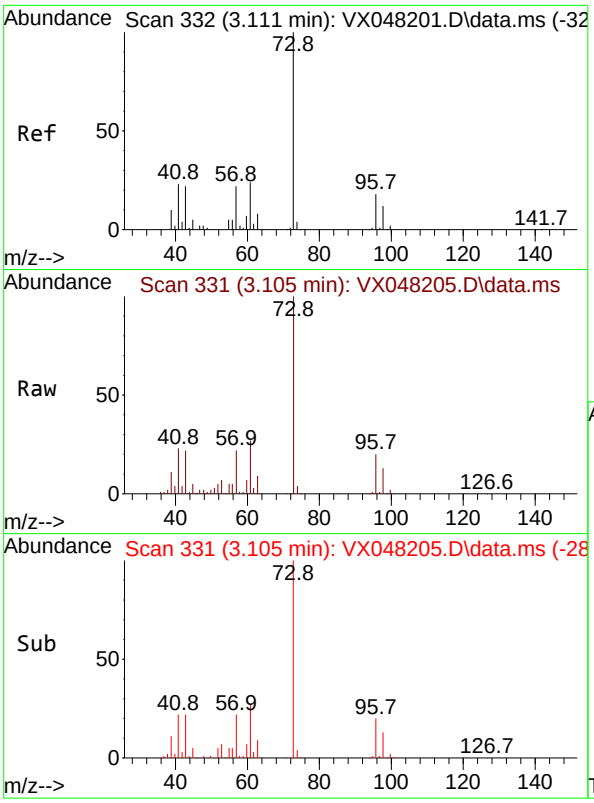


#18
Methyl Acetate
Concen: 44.181 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 43 Resp: 74357

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.5	26.3

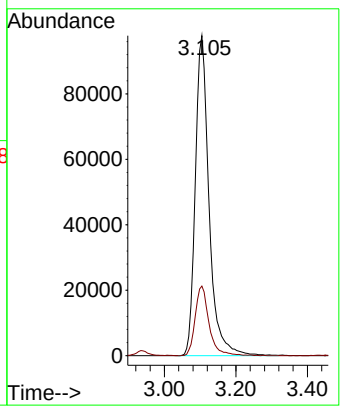




#19
Methyl tert-butyl Ether
Concen: 47.809 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 73 Resp: 26091

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations
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Reviewed By :John Carlone 10/20/2025
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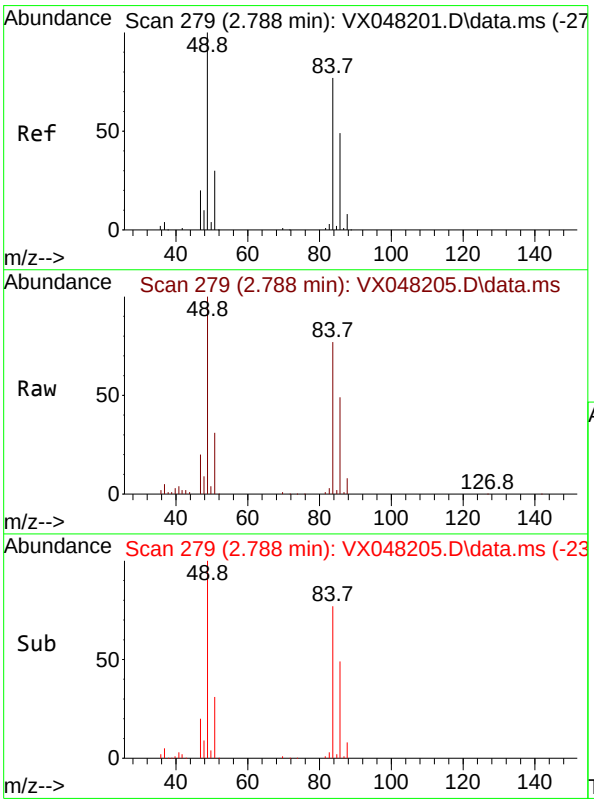
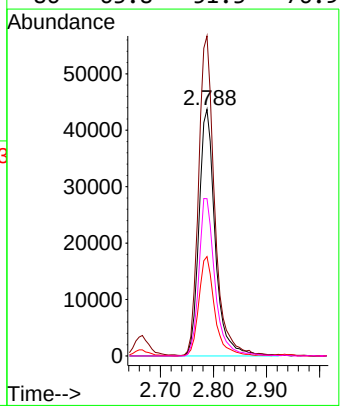
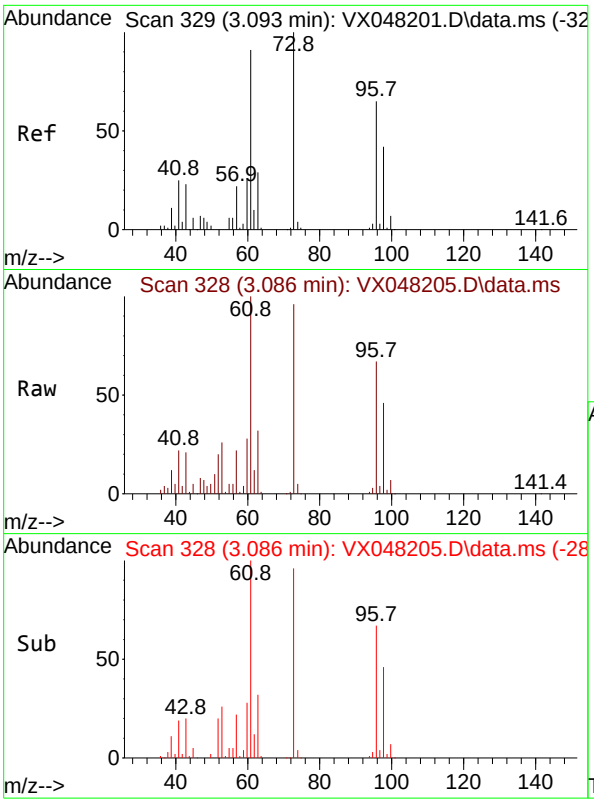


#20
Methylene Chloride
Concen: 46.010 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 84 Resp: 92616

Ion	Ratio	Lower	Upper
84	100		
49	129.5	104.1	156.1
51	40.3	31.3	46.9
86	63.8	51.3	76.9

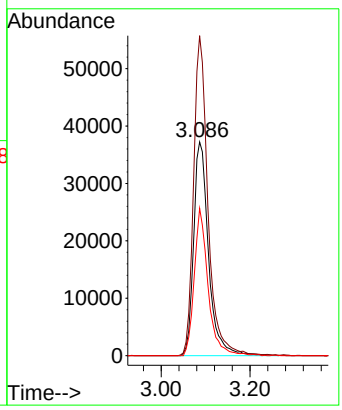




#21
trans-1,2-Dichloroethene
Concen: 46.325 ug/l
RT: 3.086 min Scan# 3
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 96 Resp: 8683

Ion	Ratio	Lower	Upper
96	100		
61	149.7	111.9	167.9
98	68.9	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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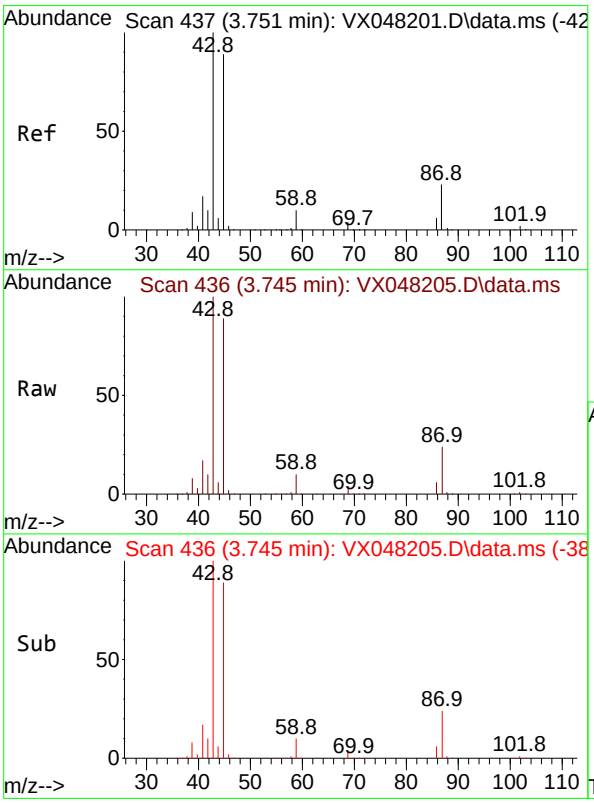
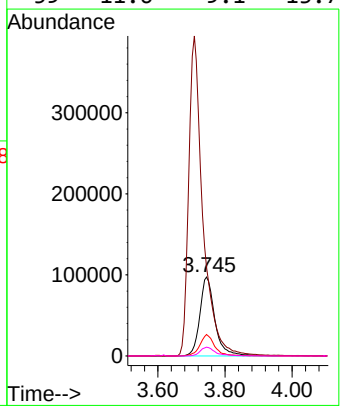
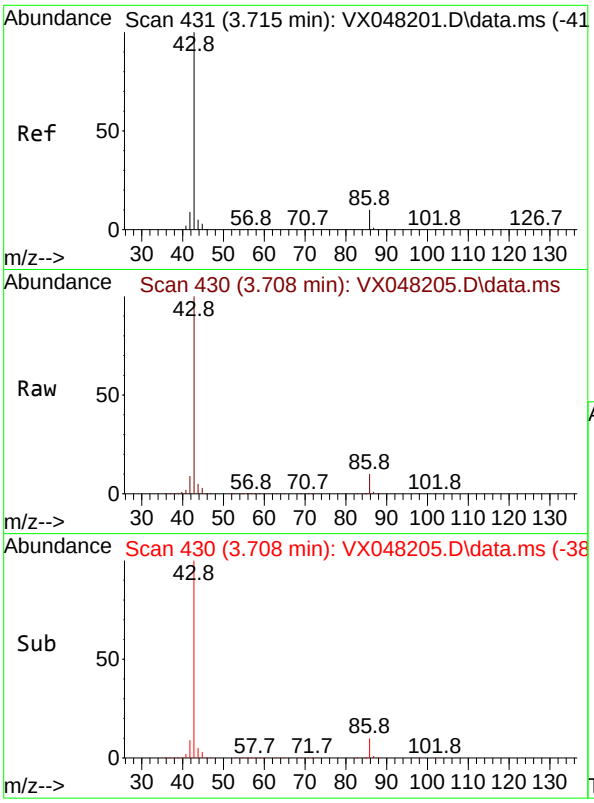


#22
Diisopropyl ether
Concen: 47.419 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 45 Resp: 302610

Ion	Ratio	Lower	Upper
45	100		
43	112.2	89.8	134.8
87	27.1	20.6	31.0
59	11.6	9.1	13.7





#23
Vinyl Acetate
Concen: 243.116 ug/l
RT: 3.708 min Scan# 4
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 43 Resp: 116008

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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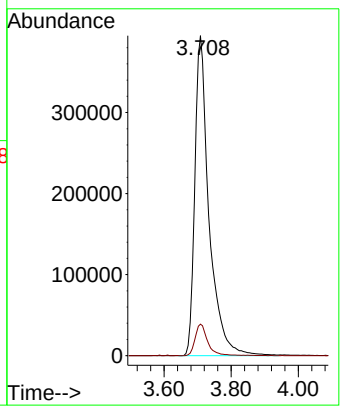
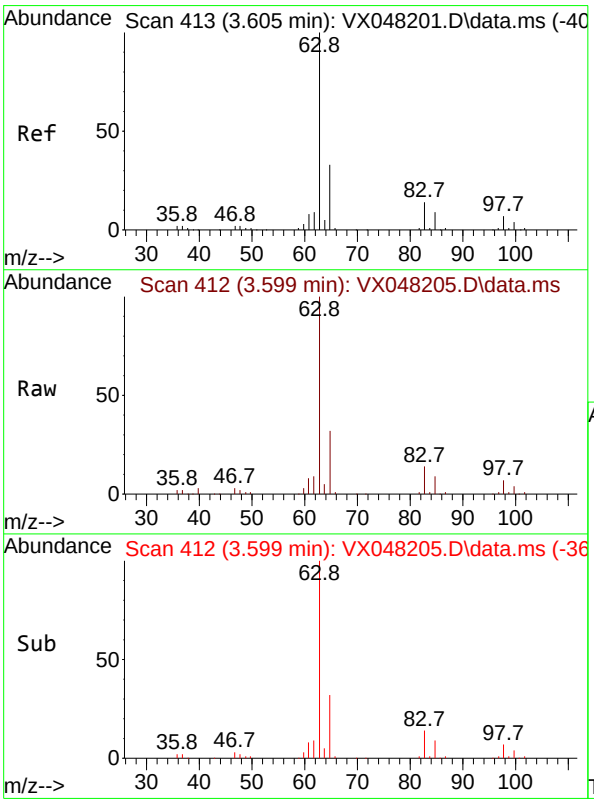
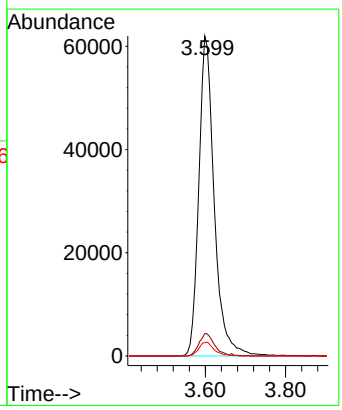


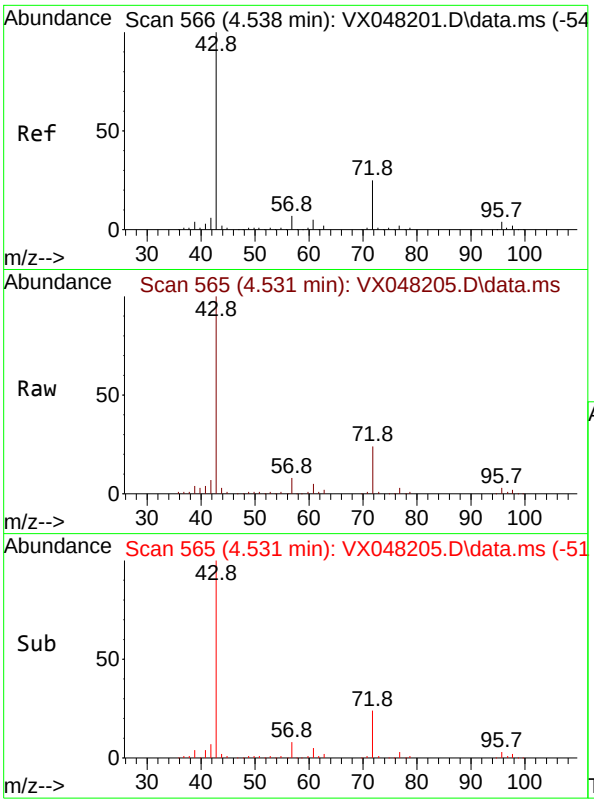


#24
1,1-Dichloroethane
Concen: 45.685 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 63 Resp: 165401

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.6
100	4.3	2.1	6.3





#25
2-Butanone
Concen: 234.559 ug/l
RT: 4.531 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 43 Resp: 22580

Ion	Ratio	Lower	Upper
43	100		
72	22.9	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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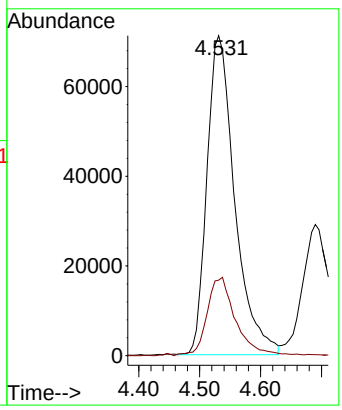
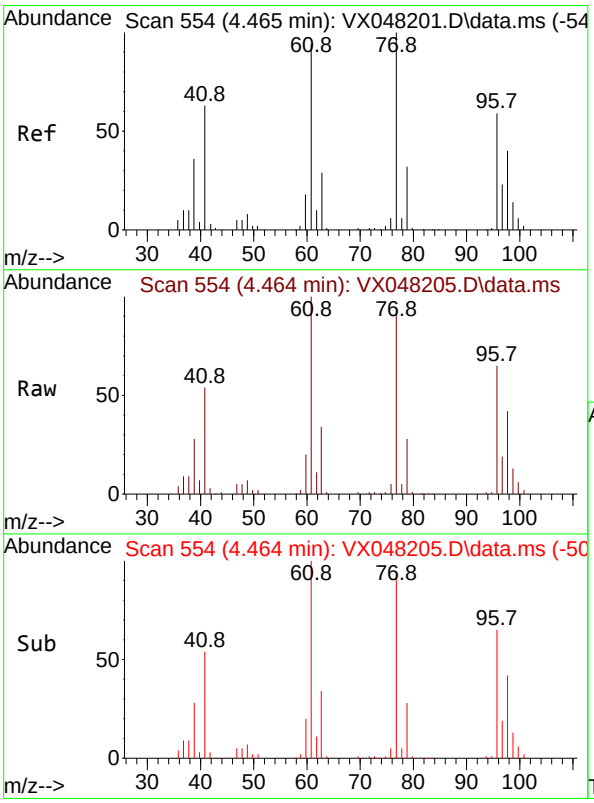
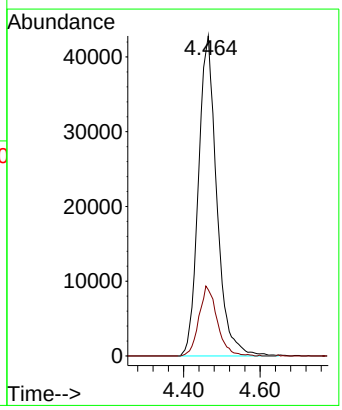


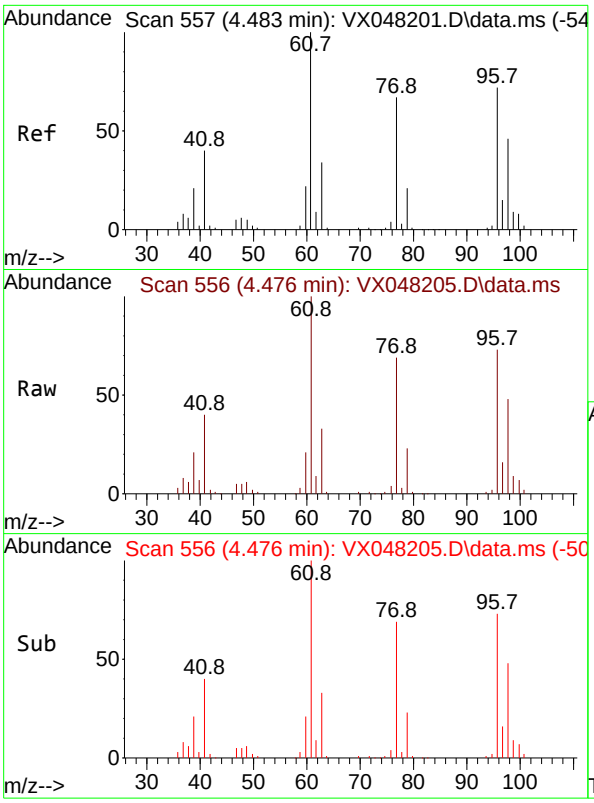


#26
2,2-Dichloropropane
Concen: 46.100 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 77 Resp: 142661

Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.1	33.3

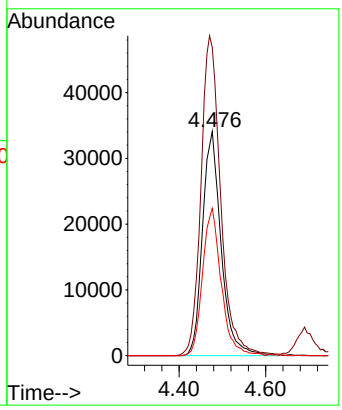




#27
cis-1,2-Dichloroethene
Concen: 45.892 ug/l
RT: 4.476 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 96 Resp: 10208

Ion	Ratio	Lower	Upper
96	100		
61	150.7	0.0	294.2
98	65.6	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations
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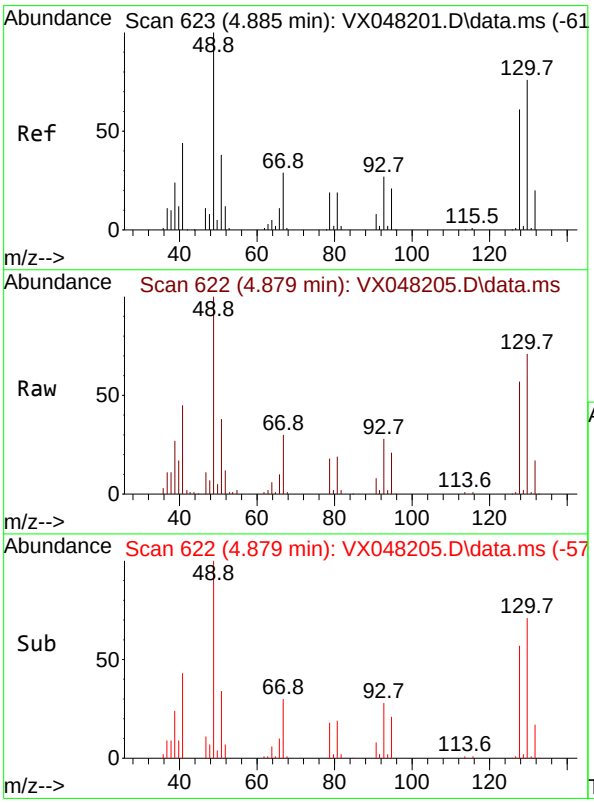
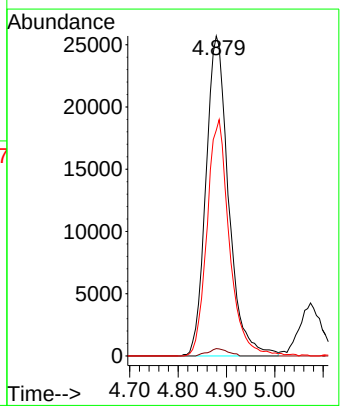
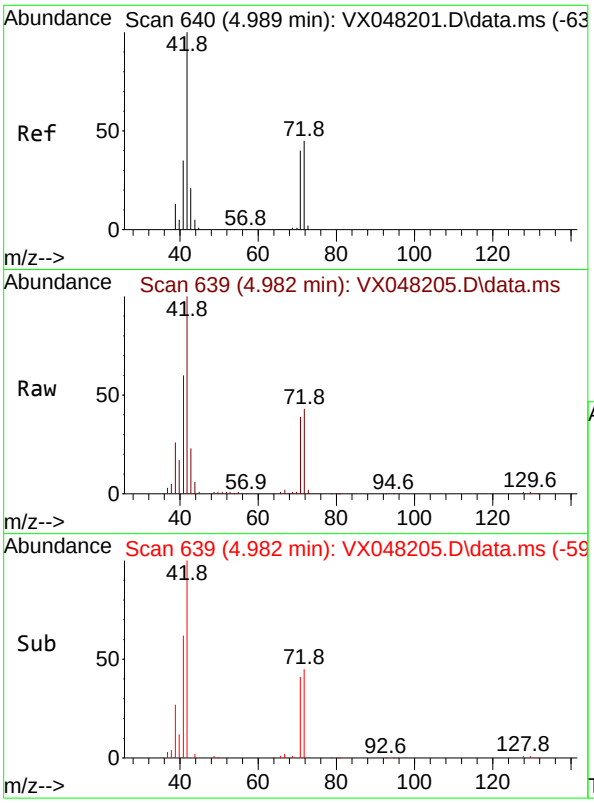


#28
Bromochloromethane
Concen: 50.221 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 49 Resp: 83811

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	72.8	59.3	88.9

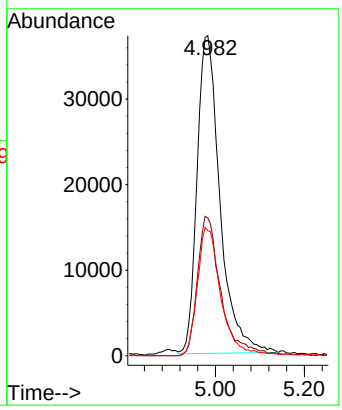




#29
Tetrahydrofuran
Concen: 235.860 ug/l
RT: 4.982 min Scan# 6
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 42 Resp: 13334

Ion	Ratio	Lower	Upper
42	100		
72	44.5	35.3	52.9
71	41.2	32.2	48.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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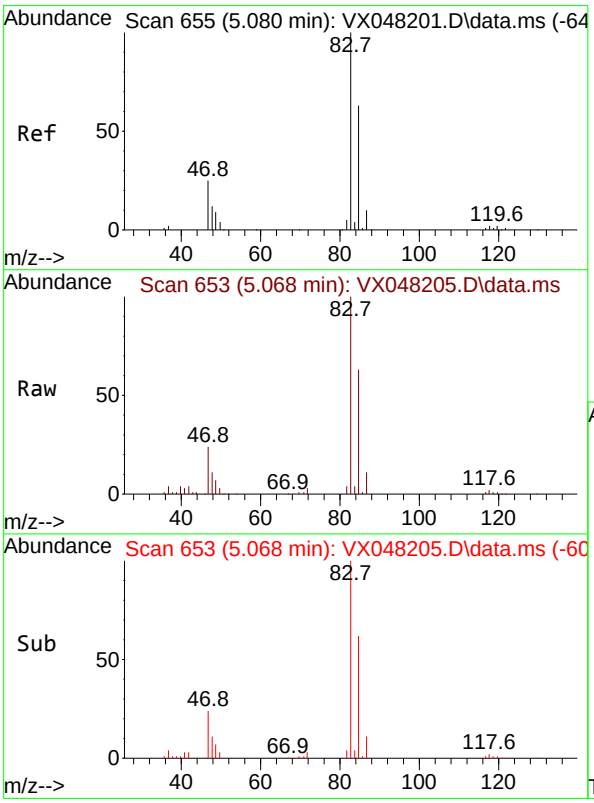
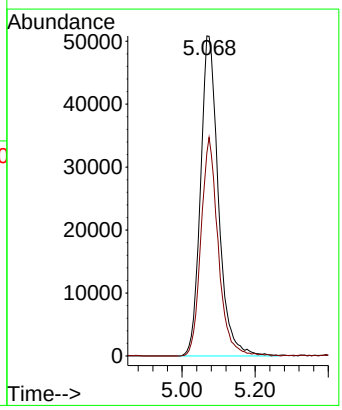
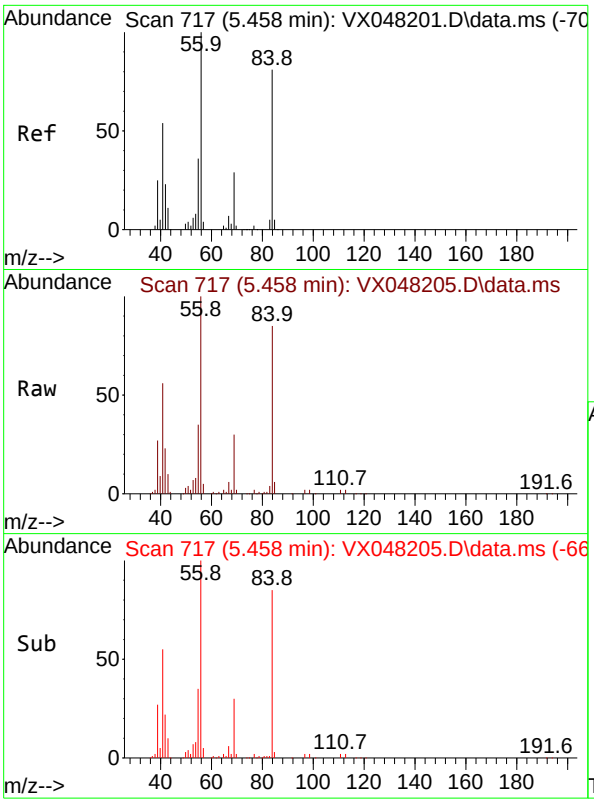


#30
Chloroform
Concen: 45.352 ug/l
RT: 5.068 min Scan# 653
Delta R.T. -0.013 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 83 Resp: 172867

Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.1	75.1

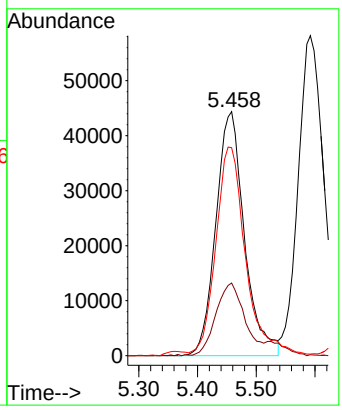




#31
Cyclohexane
Concen: 50.544 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 56 Resp: 14973

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.0	34.6
84	83.5	64.6	97.0



Instrument :
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ClientSampleId :
ICVVX101725

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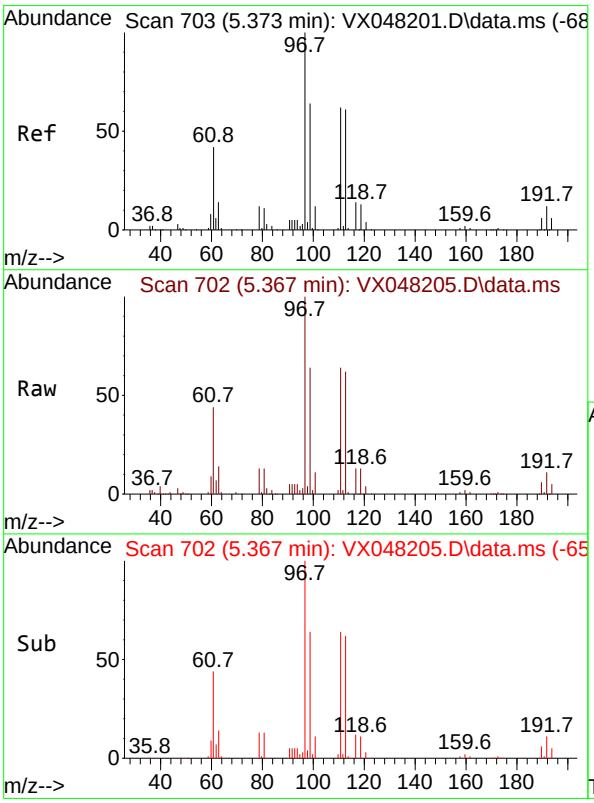
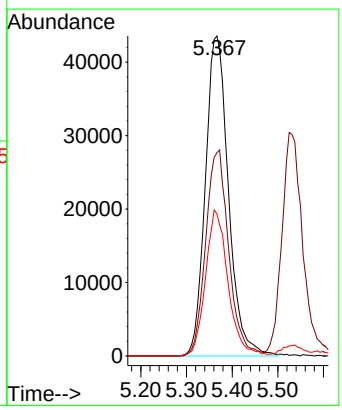
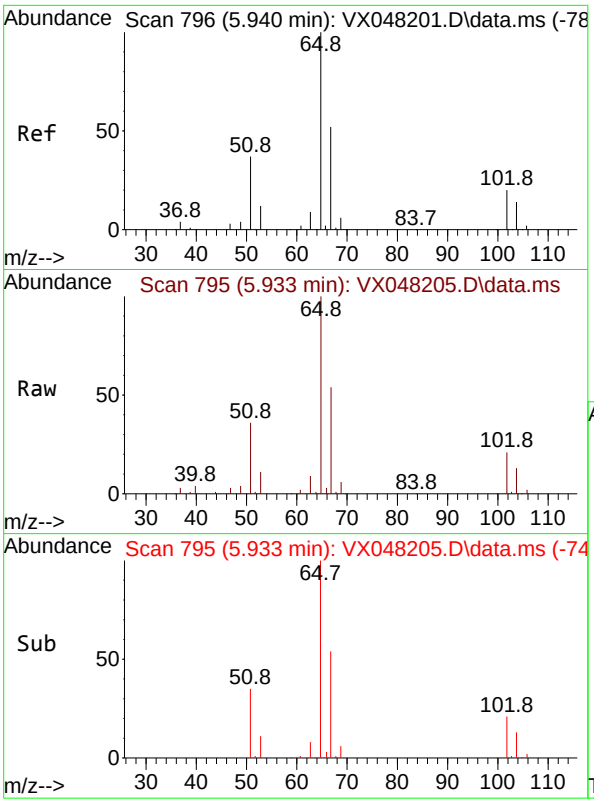


#32
1,1,1-Trichloroethane
Concen: 48.873 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 97 Resp: 153064

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	44.4	34.8	52.2

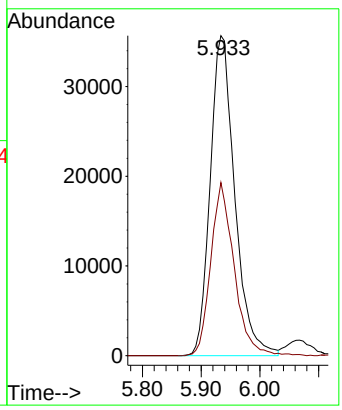




#33
1,2-Dichloroethane-d4
Concen: 42.834 ug/l
RT: 5.933 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 65 Resp: 10375

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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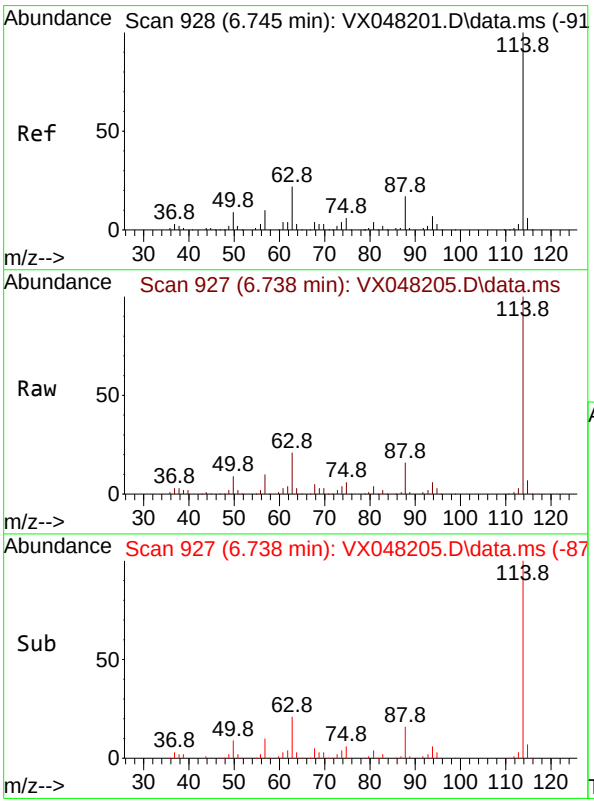
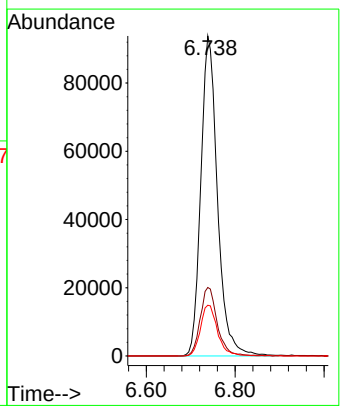
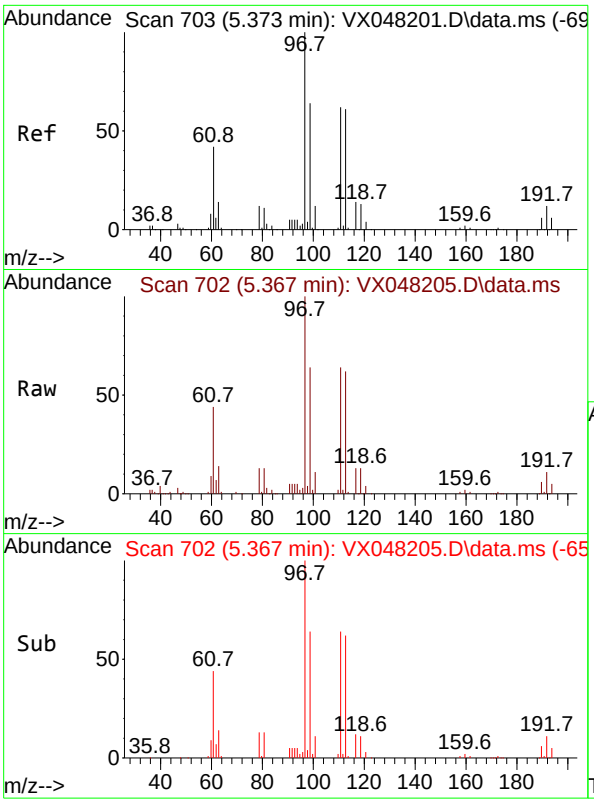


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:114 Resp: 244720

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.2
88	15.8	0.0	33.6

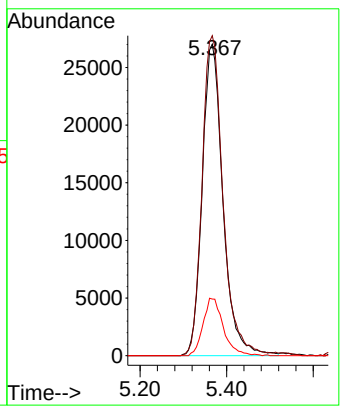




#35
Dibromofluoromethane
Concen: 52.953 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:113 Resp: 8993

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	18.0	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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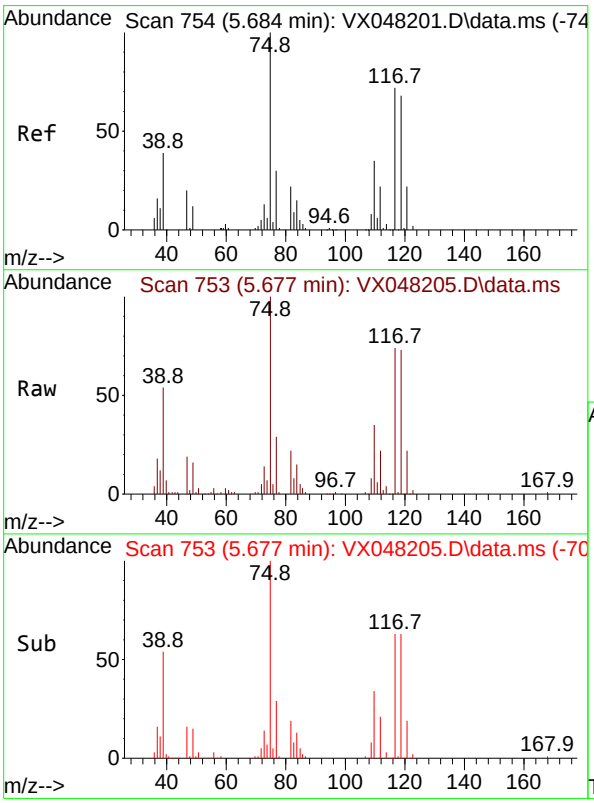
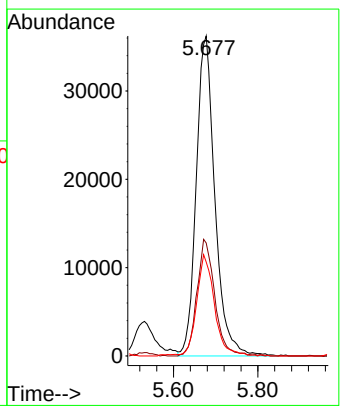
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

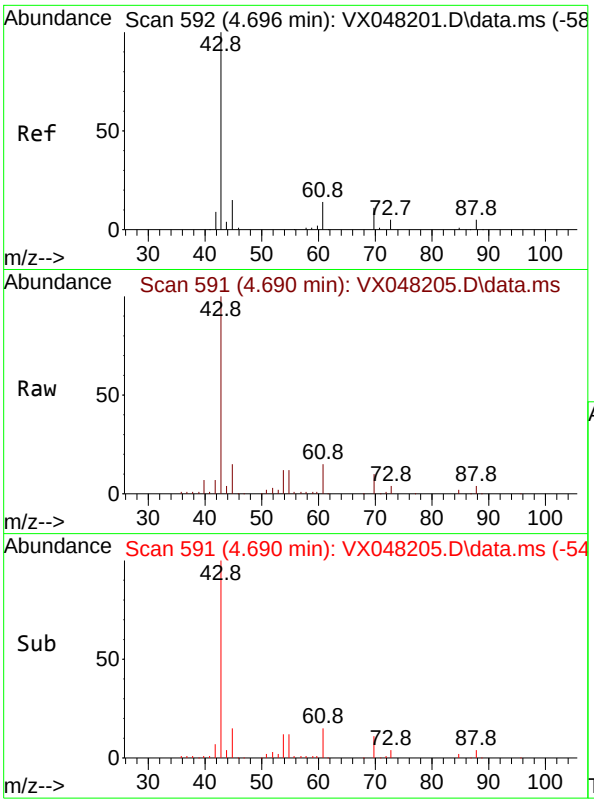


#36
1,1-Dichloropropene
Concen: 46.767 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 75 Resp: 111893

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.7	53.1
77	30.4	24.3	36.5

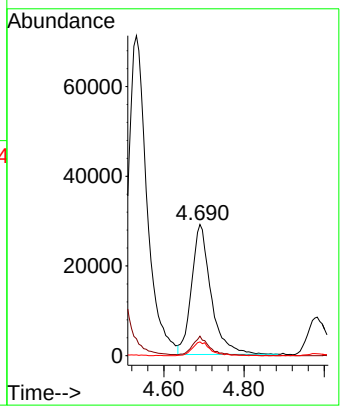




#37
Ethyl Acetate
Concen: 51.026 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 43 Resp: 9756

Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.6	15.8
70	9.9	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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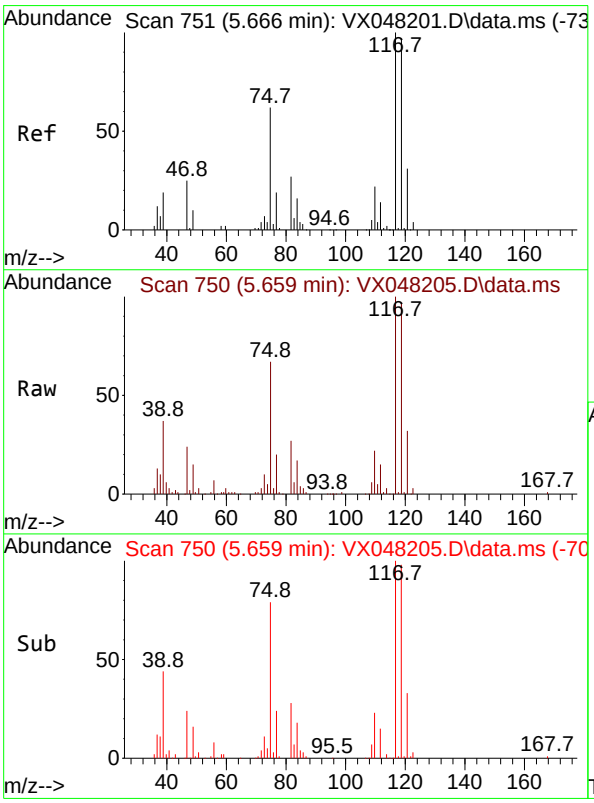
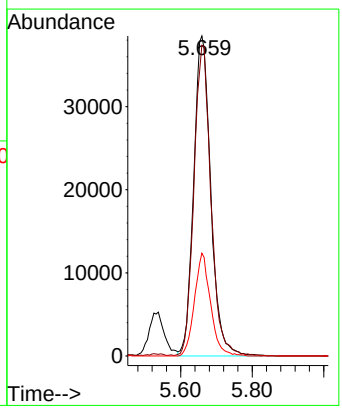
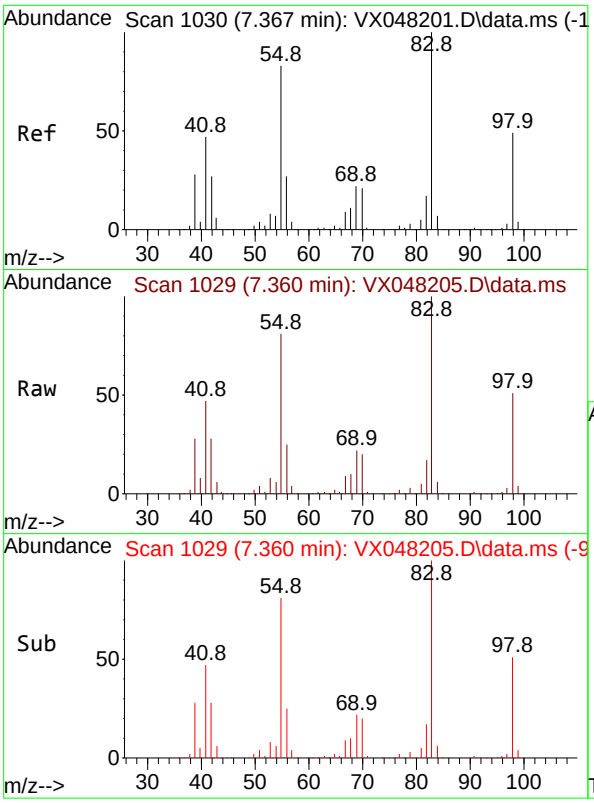


#38
Carbon Tetrachloride
Concen: 46.757 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:117 Resp: 128407

Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.2	115.8
121	32.1	24.8	37.2

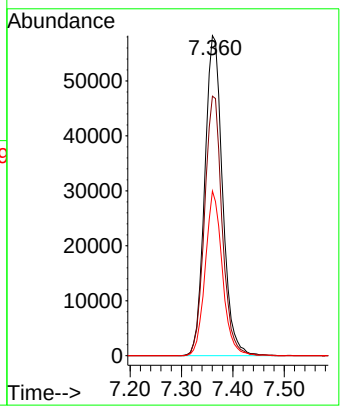




#39
Methylcyclohexane
Concen: 51.908 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 83 Resp: 14002

Ion	Ratio	Lower	Upper
83	100		
55	81.1	66.2	99.2
98	51.4	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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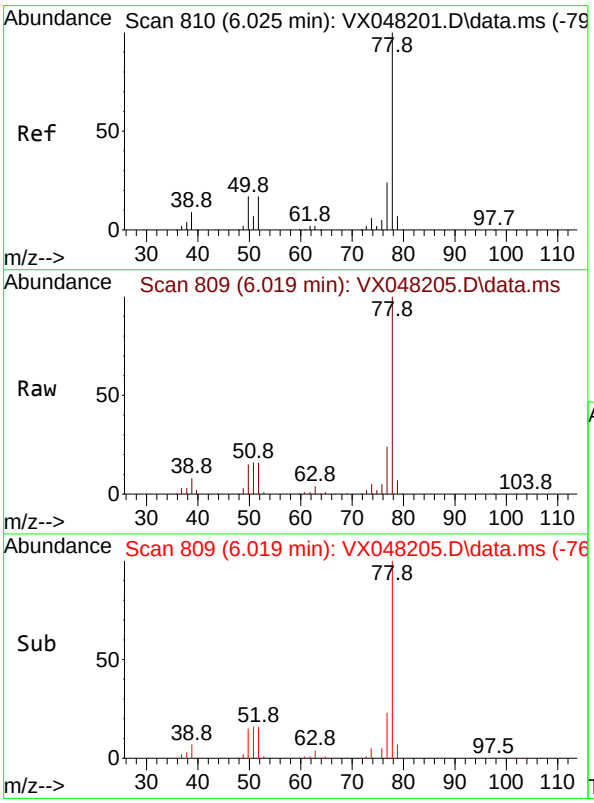
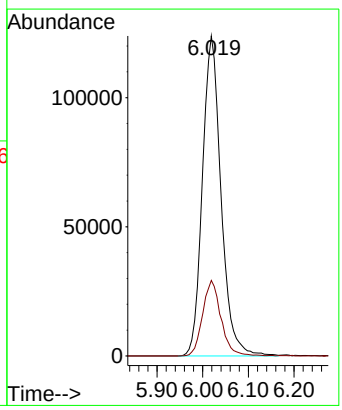
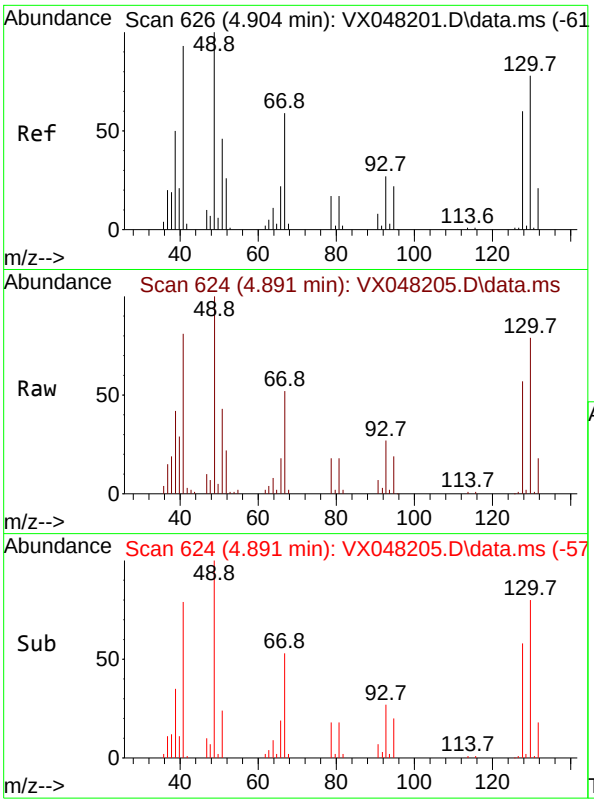


#40
Benzene
Concen: 49.346 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 78 Resp: 350574

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9

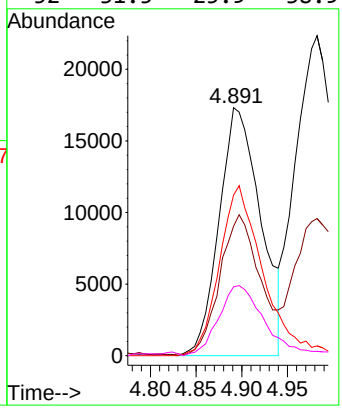




#41
Methacrylonitrile
Concen: 53.600 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.013 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 41 Resp: 5488

Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.0	66.0
67	72.5	58.7	88.1
52	31.5	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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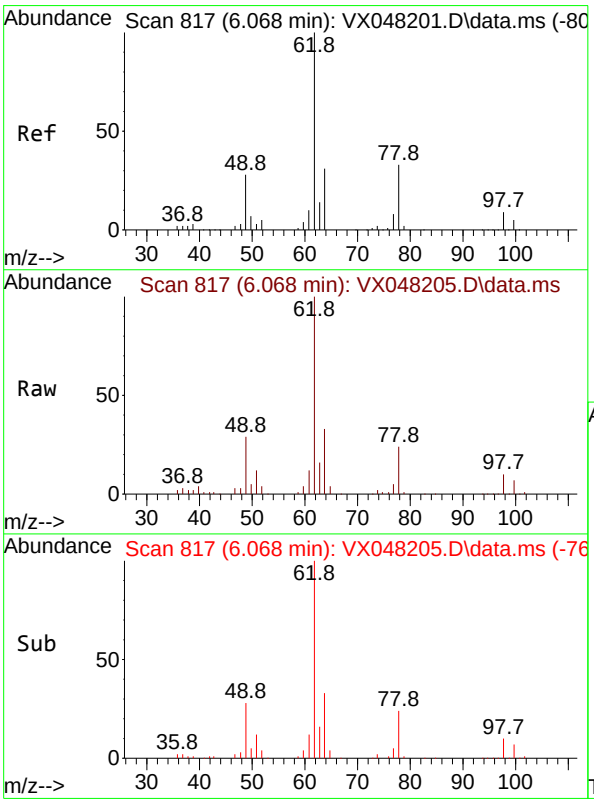
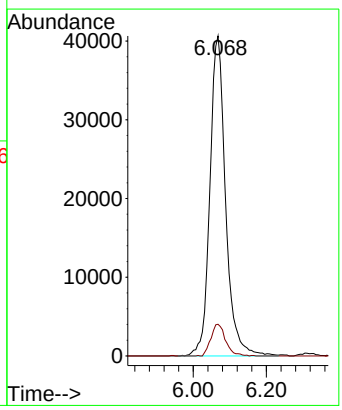
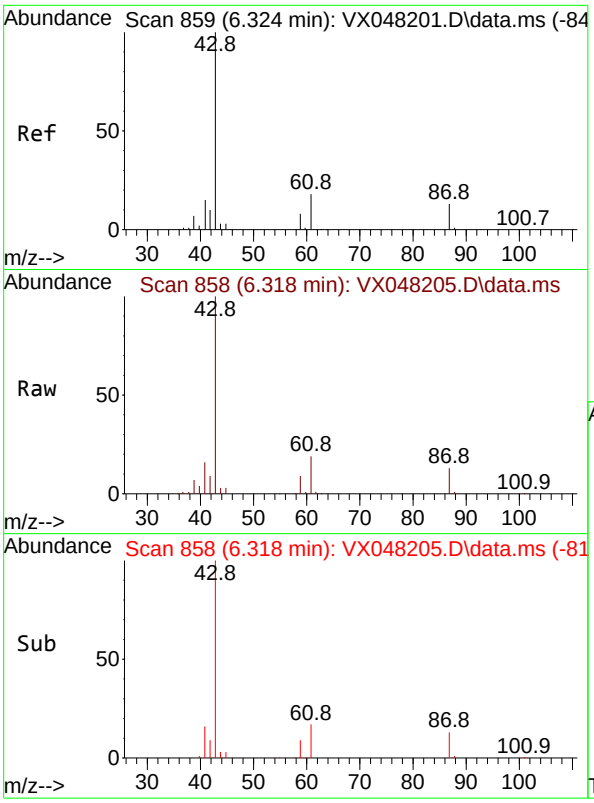


#42
1,2-Dichloroethane
Concen: 47.540 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 62 Resp: 121006

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.2

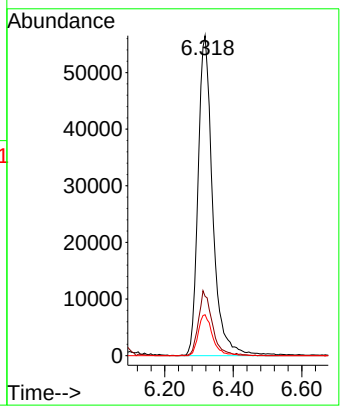




#43
Isopropyl Acetate
Concen: 52.082 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 43 Resp: 16717

Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.9	22.3
87	12.6	9.4	14.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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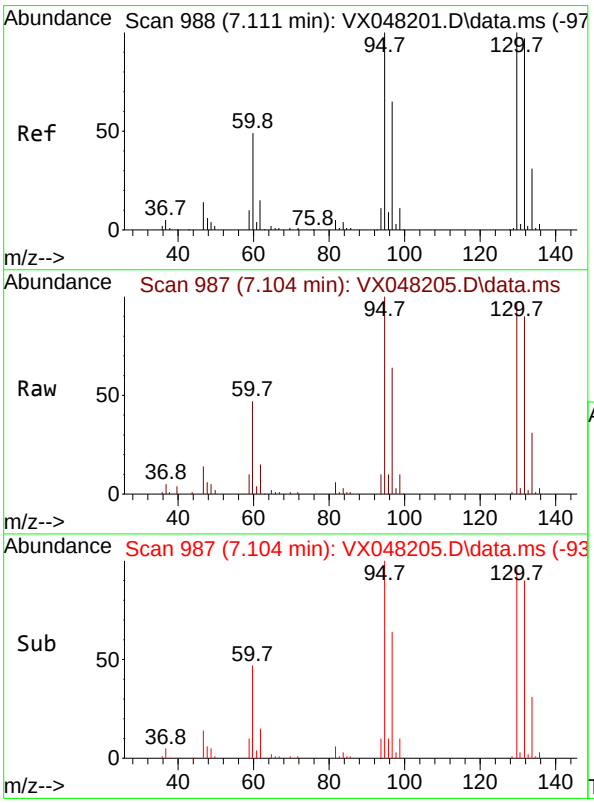
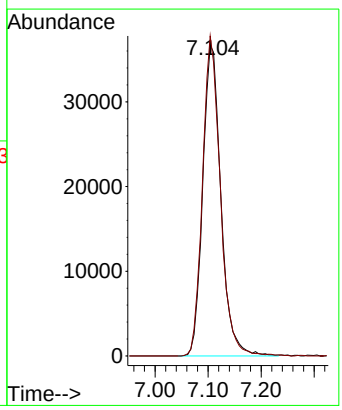
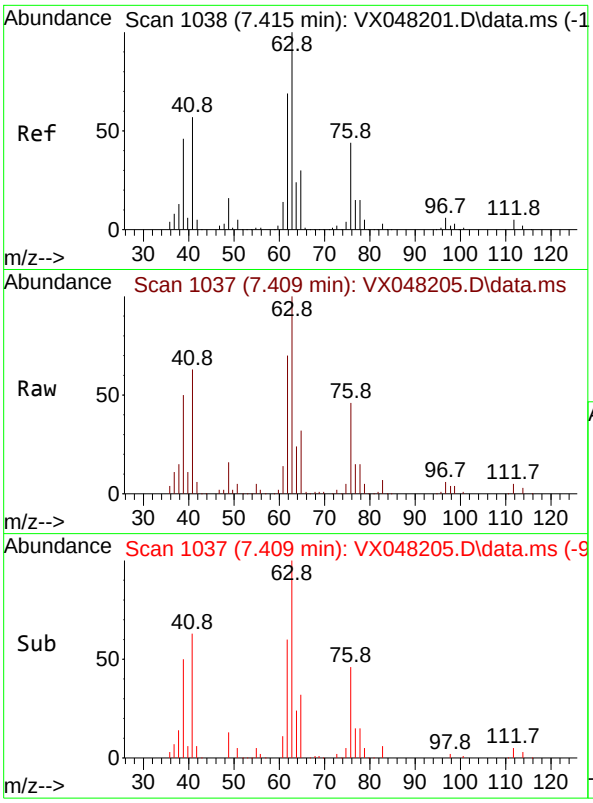


#44
Trichloroethene
Concen: 48.776 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:130 Resp: 87333

Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	200.6

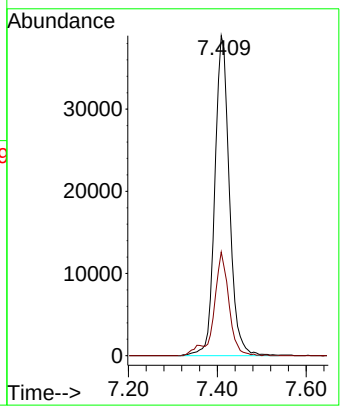




#45
1,2-Dichloropropane
Concen: 49.205 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 63 Resp: 8847

Ion	Ratio	Lower	Upper
63	100		
65	32.4	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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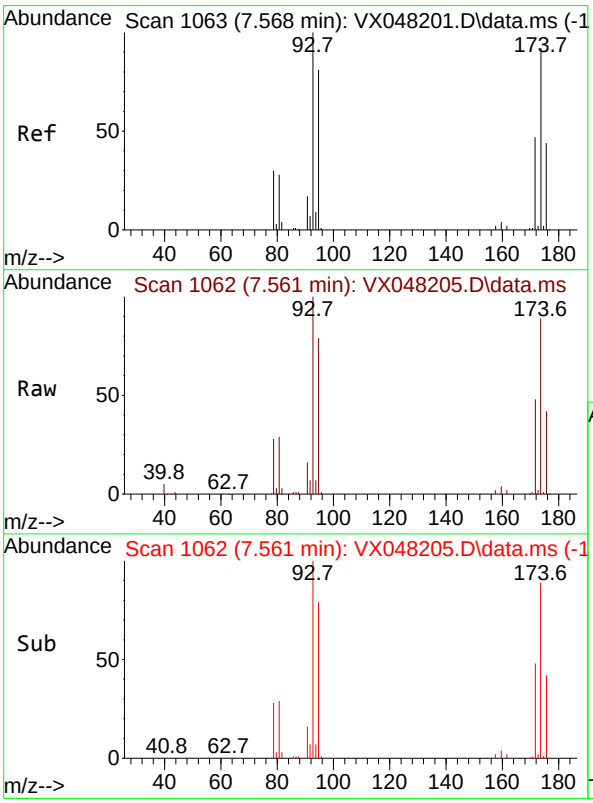
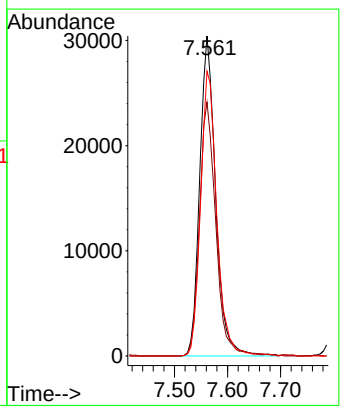
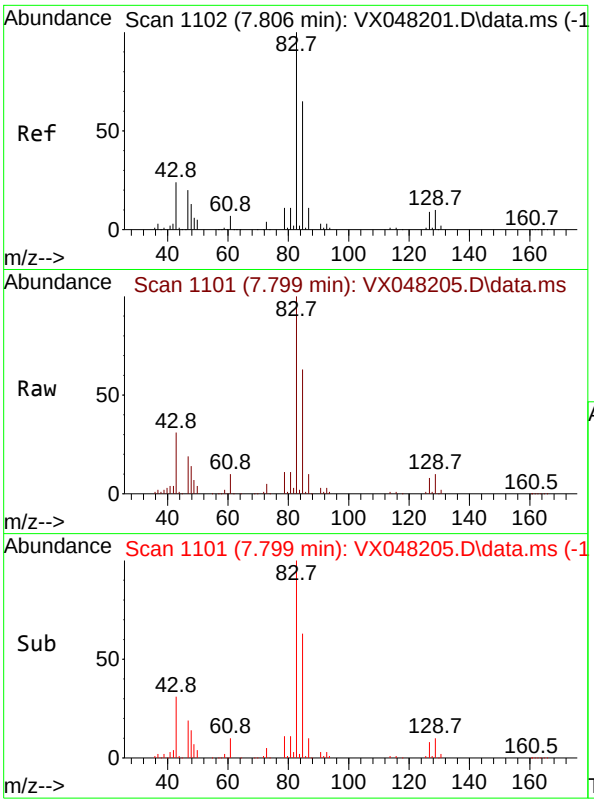


#46
Dibromomethane
Concen: 48.973 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 93 Resp: 63357

Ion	Ratio	Lower	Upper
93	100		
95	80.9	65.9	98.9
174	90.6	71.7	107.5

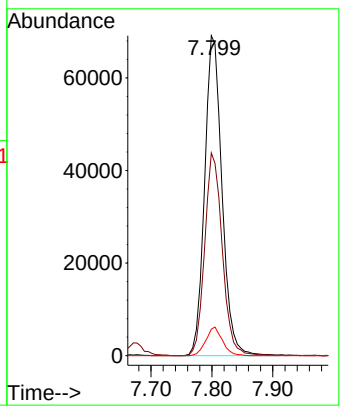




#47
Bromodichloromethane
Concen: 49.041 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 83 Resp: 13712

Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.2	78.4
127	8.3	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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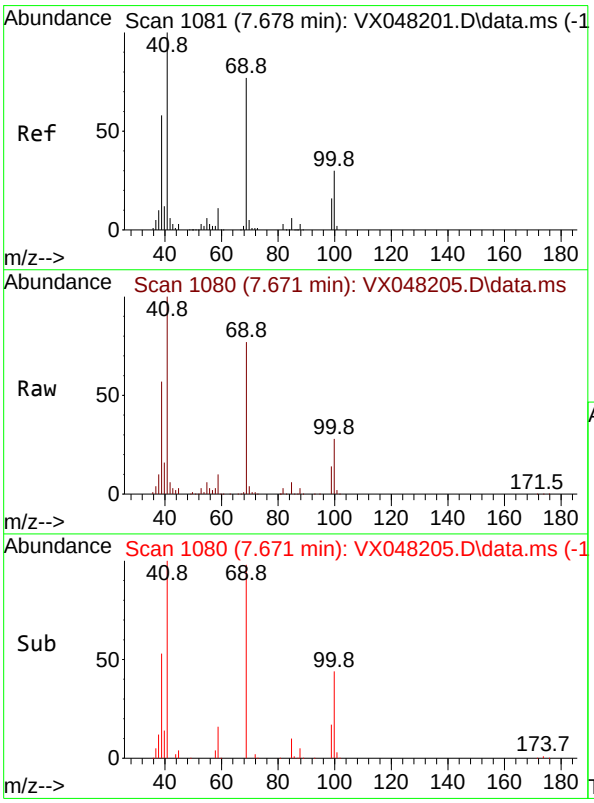
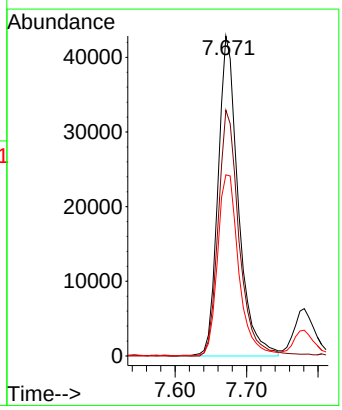
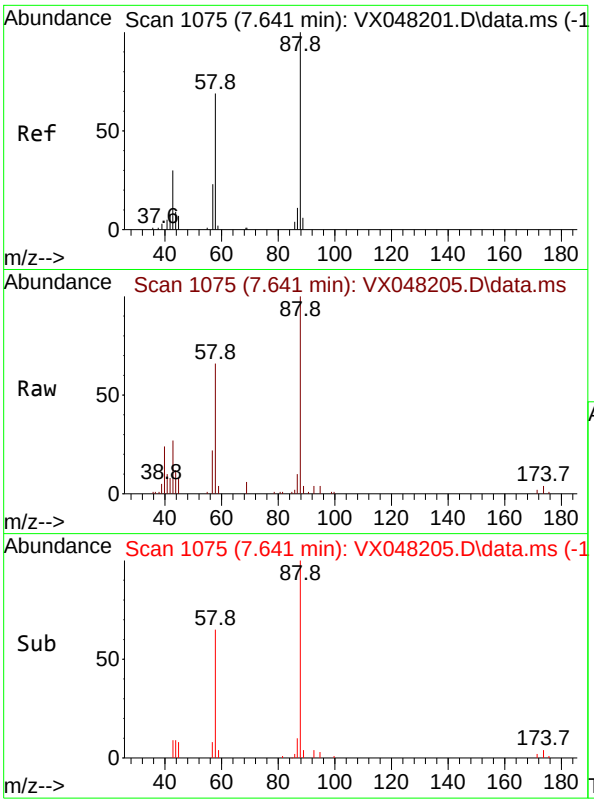


#48
Methyl methacrylate
Concen: 51.305 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 41 Resp: 84299

Ion	Ratio	Lower	Upper
41	100		
69	79.4	63.4	95.0
39	59.4	47.1	70.7

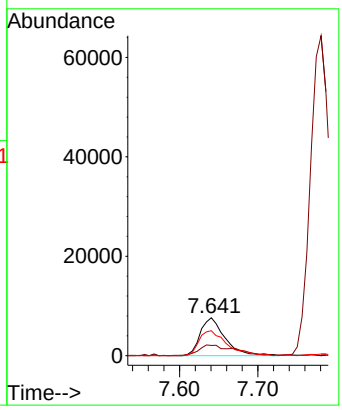




#49
1,4-Dioxane
Concen: 1125.868 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 88 Resp: 1665

Ion	Ratio	Lower	Upper
88	100		
43	42.7	35.0	52.4
58	74.0	61.9	92.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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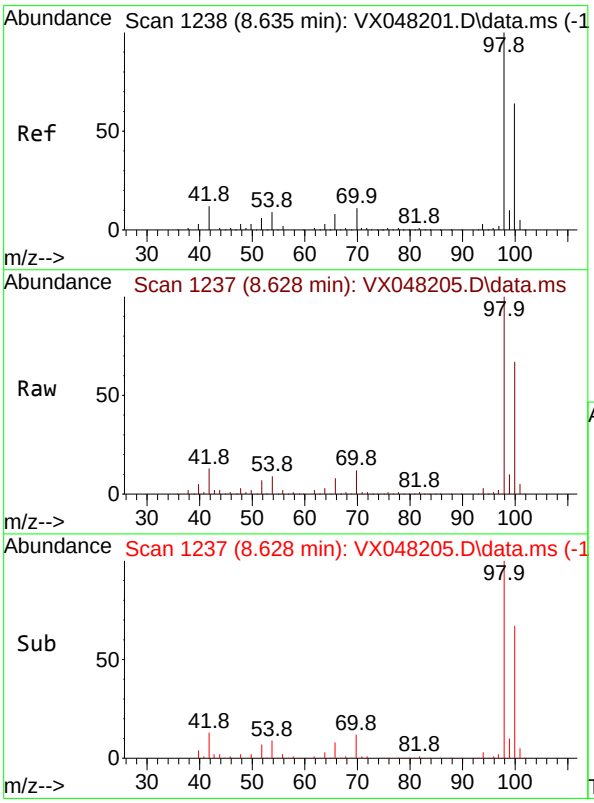
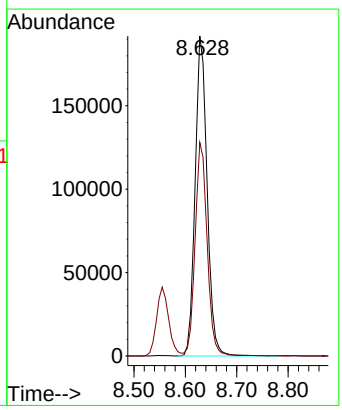
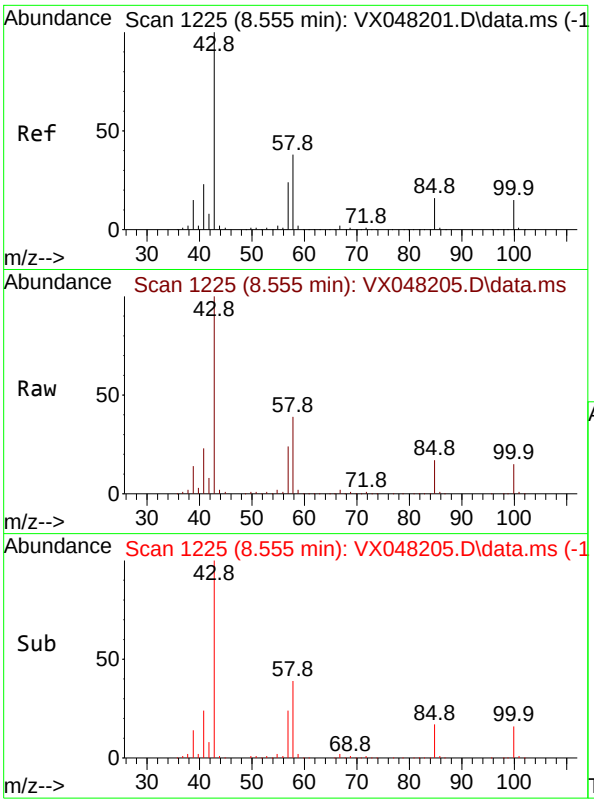


#50
Toluene-d8
Concen: 50.808 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 98 Resp: 310880

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

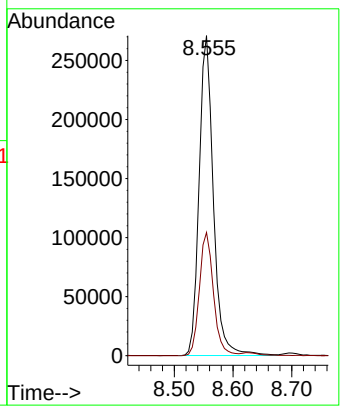




#51
4-Methyl-2-Pentanone
Concen: 256.250 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 43 Resp: 45768

Ion	Ratio	Lower	Upper
43	100		
58	38.1	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
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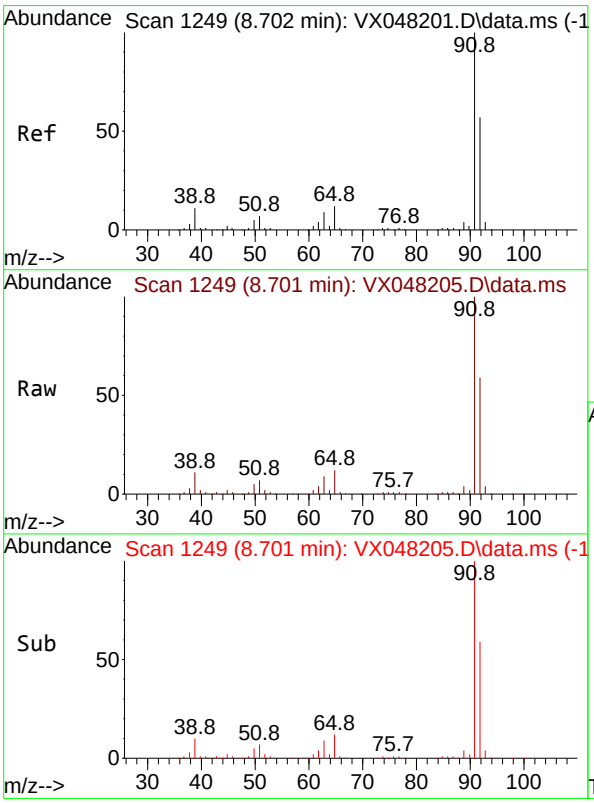
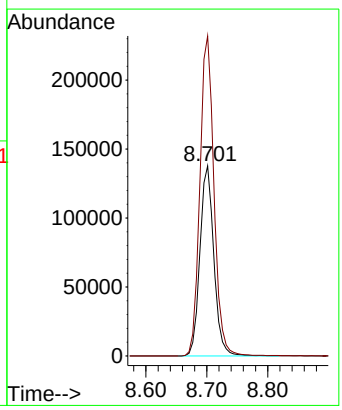
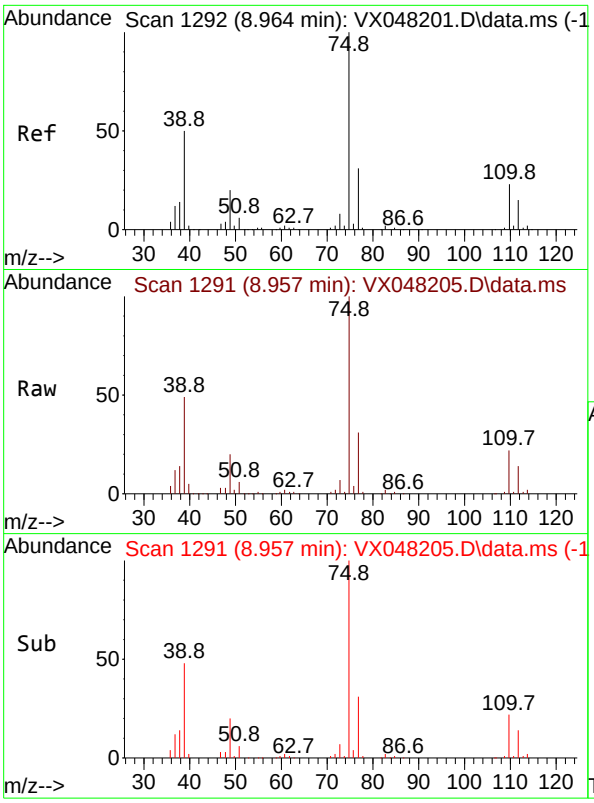


#52
Toluene
Concen: 51.136 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 92 Resp: 218354

Ion	Ratio	Lower	Upper
92	100		
91	170.7	136.1	204.1

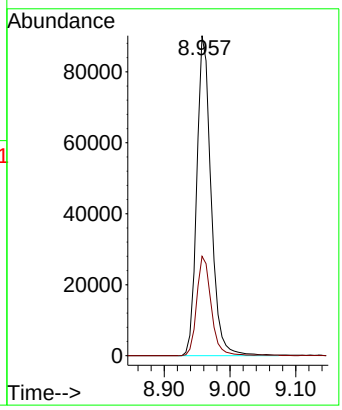




#53
t-1,3-Dichloropropene
Concen: 51.942 ug/l
RT: 8.957 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 75 Resp: 13605

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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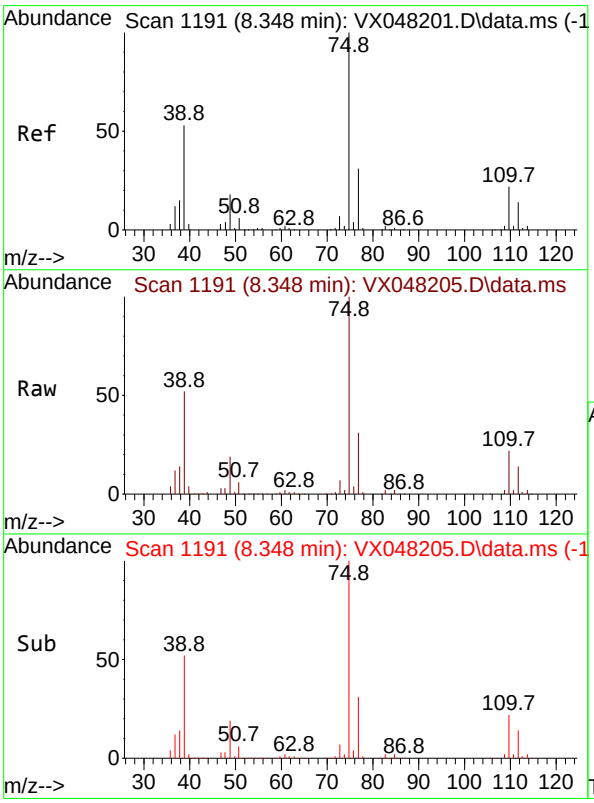
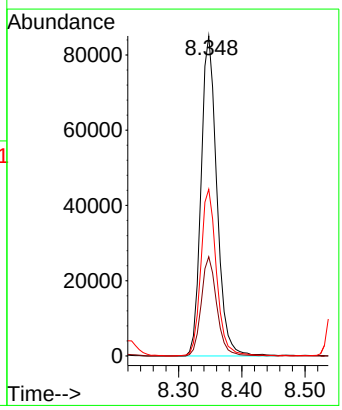
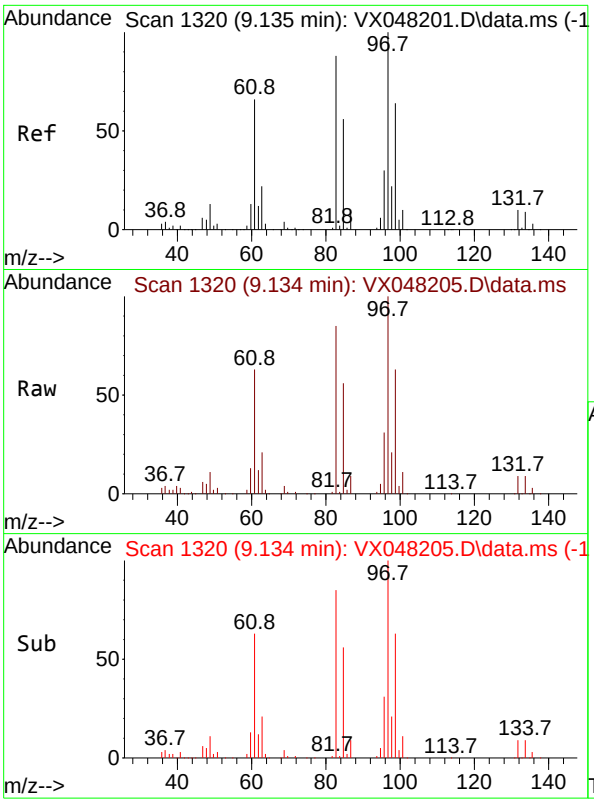


#54
cis-1,3-Dichloropropene
Concen: 51.786 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 75 Resp: 147855

Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.9	37.3
39	52.1	42.6	64.0

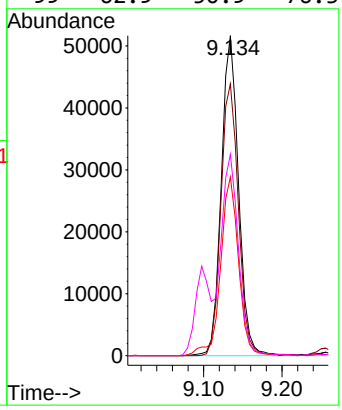




#55
1,1,2-Trichloroethane
Concen: 49.609 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 97 Resp: 7903

Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.6	105.8
85	55.9	45.0	67.6
99	62.9	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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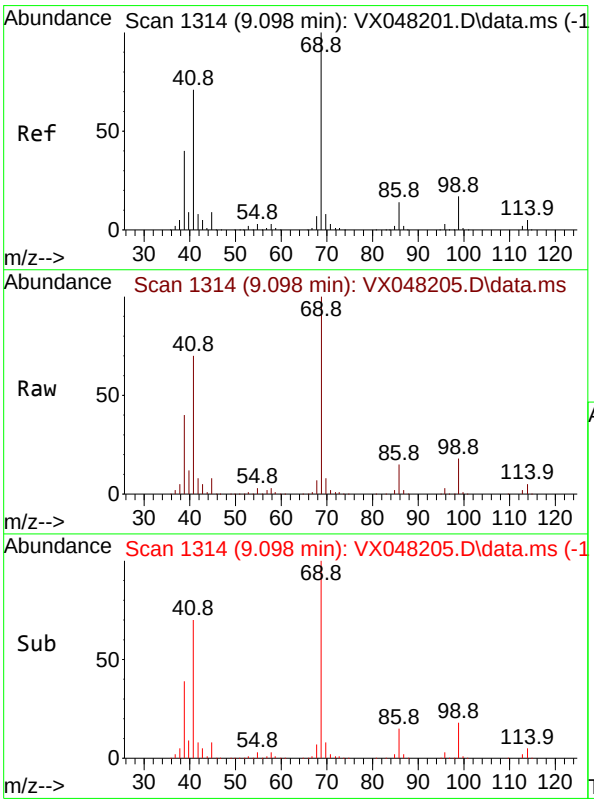
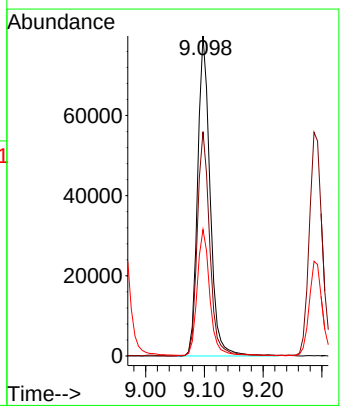
Supervised By :Mahesh Dadoda 10/20/2025

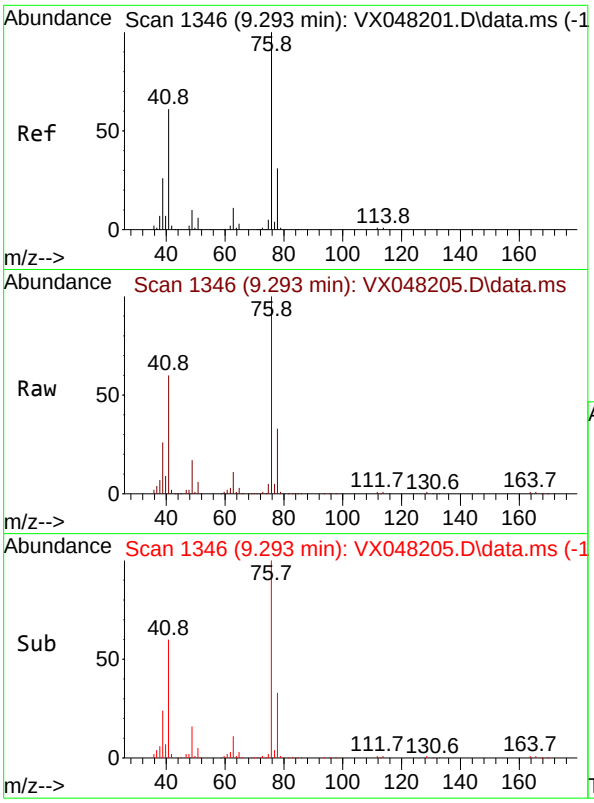


#56
Ethyl methacrylate
Concen: 54.222 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 69 Resp: 117498

Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.0	84.0
39	39.8	31.6	47.4

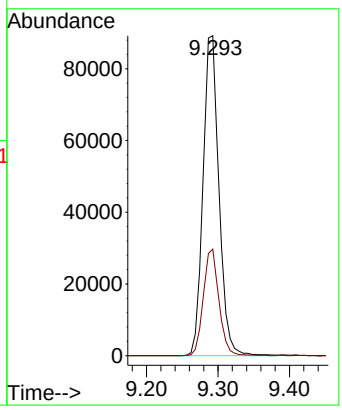




#57
1,3-Dichloropropane
Concen: 49.659 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 76 Resp: 13823

Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.4	38.0



Instrument :
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ClientSampleId :
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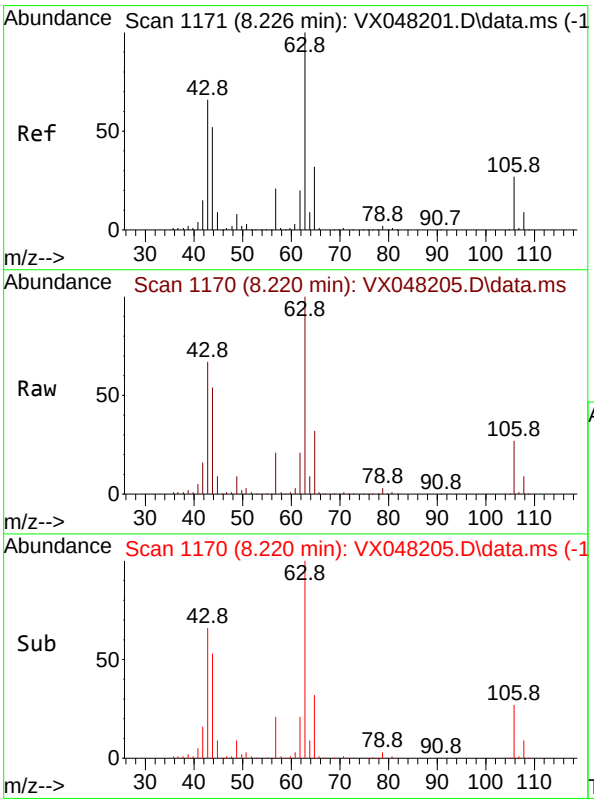
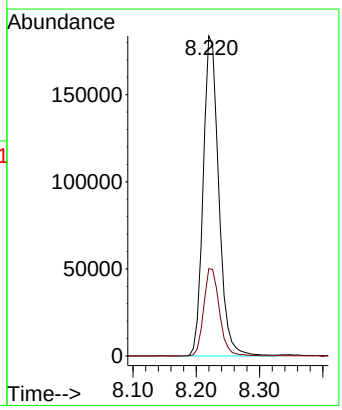
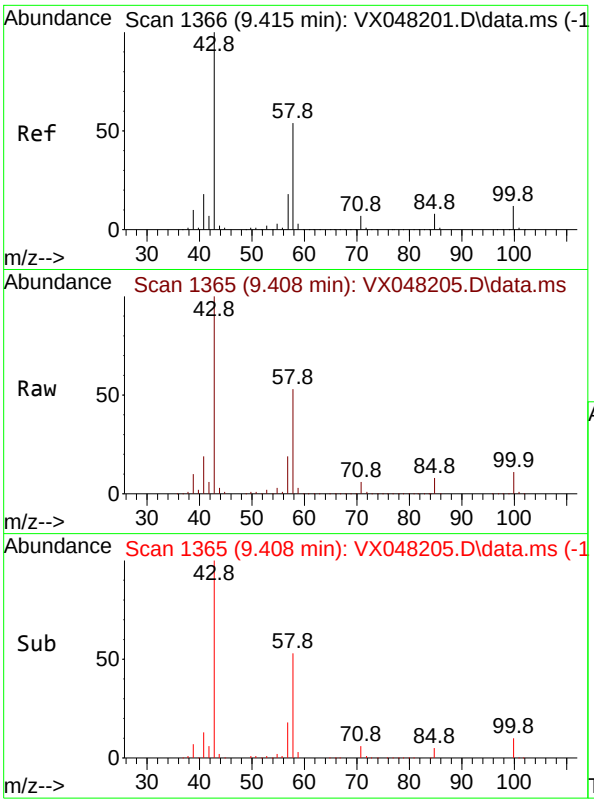


#58
2-Chloroethyl Vinyl ether
Concen: 237.458 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 63 Resp: 316000

Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.2	33.2

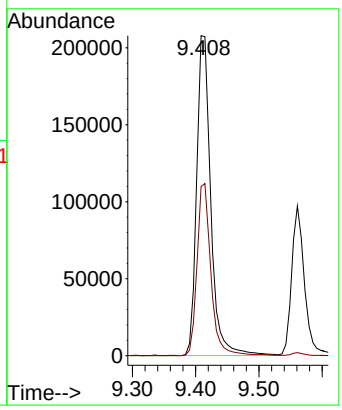




#59
2-Hexanone
Concen: 259.657 ug/l
RT: 9.408 min Scan# 1
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 43 Resp: 32439

Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.3	78.8



Instrument :
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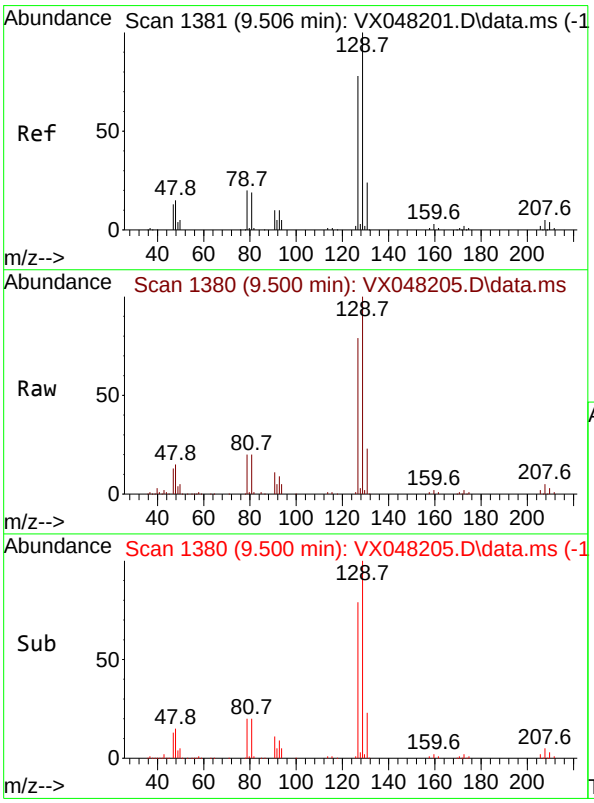
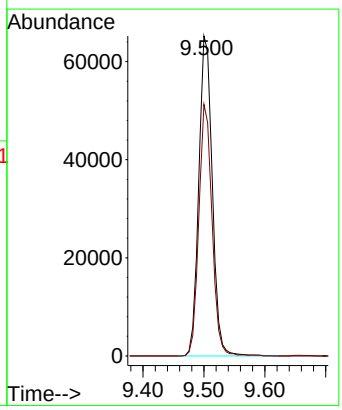
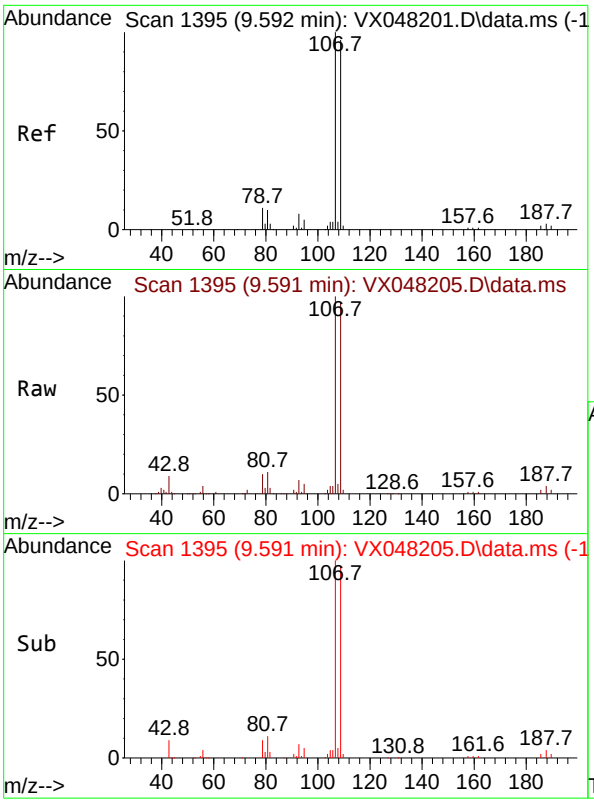


#60
Dibromochloromethane
Concen: 50.202 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:129 Resp: 100115

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	115.7

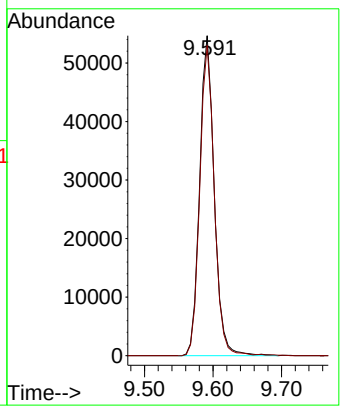




#61
1,2-Dibromoethane
Concen: 49.670 ug/l
RT: 9.591 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:107 Resp: 8114

Ion	Ratio	Lower	Upper
107	100		
109	96.8	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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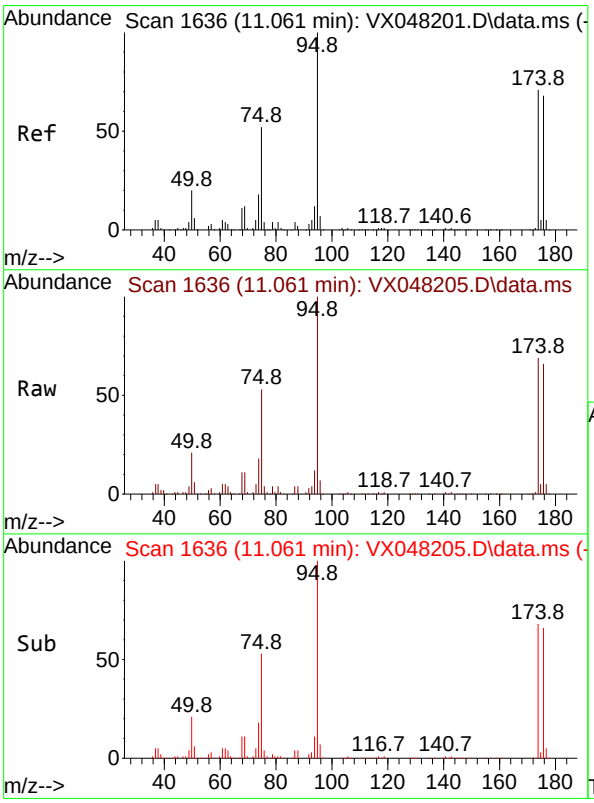
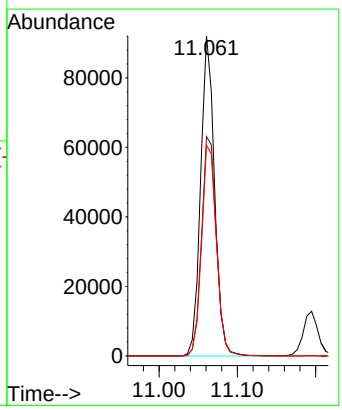
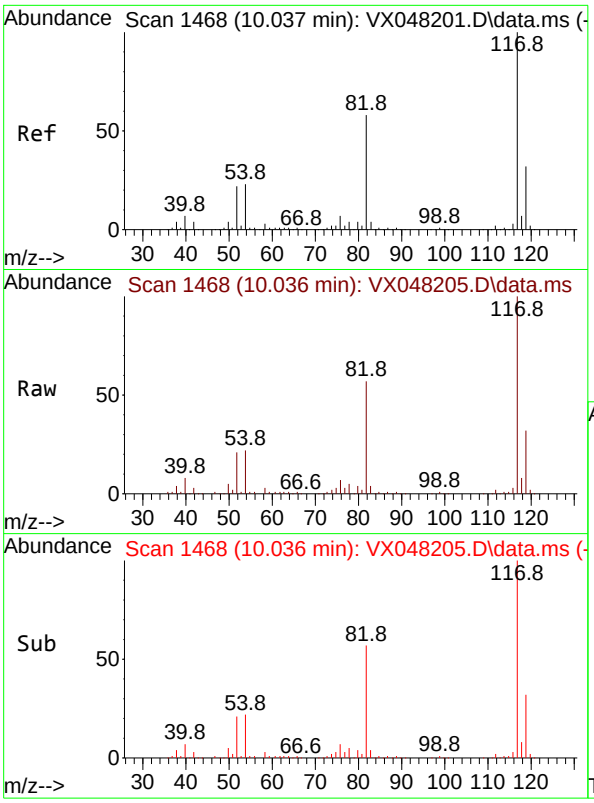


#62
4-Bromofluorobenzene
Concen: 51.042 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 95 Resp: 113751

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	147.8
176	69.9	0.0	142.8

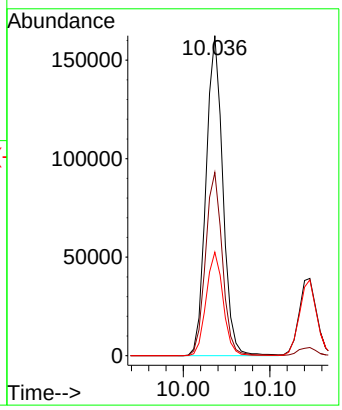




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:117 Resp: 21900

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.5	69.7
119	32.3	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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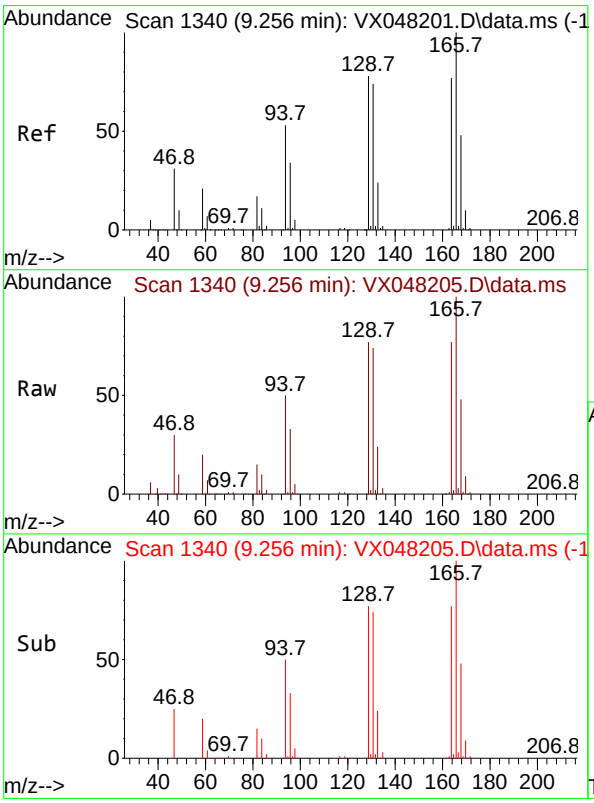
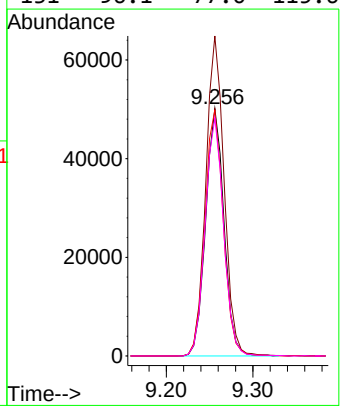
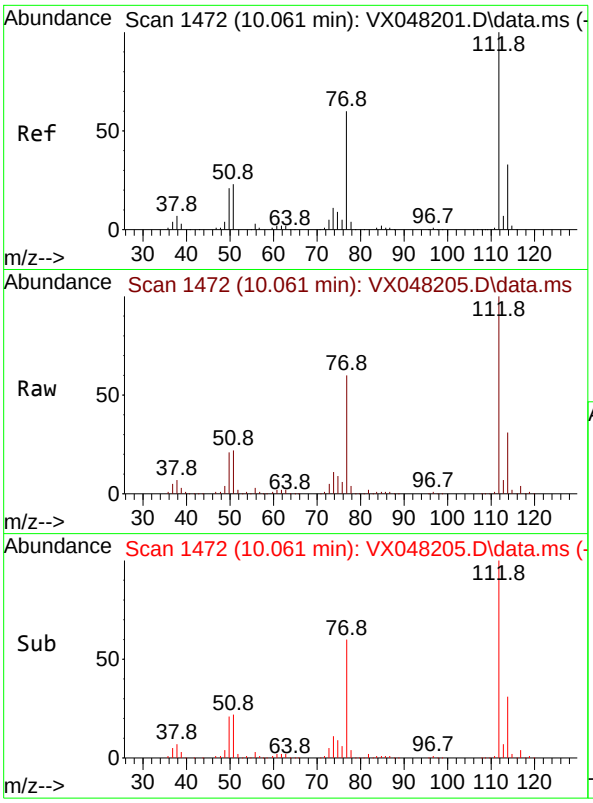


#64
Tetrachloroethene
Concen: 48.046 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:164 Resp: 73778

Ion	Ratio	Lower	Upper
164	100		
166	129.3	104.5	156.7
129	99.4	81.8	122.6
131	96.1	77.0	115.6

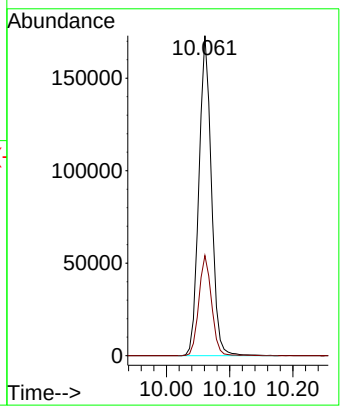




#65
Chlorobenzene
Concen: 49.700 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:112 Resp: 23799

Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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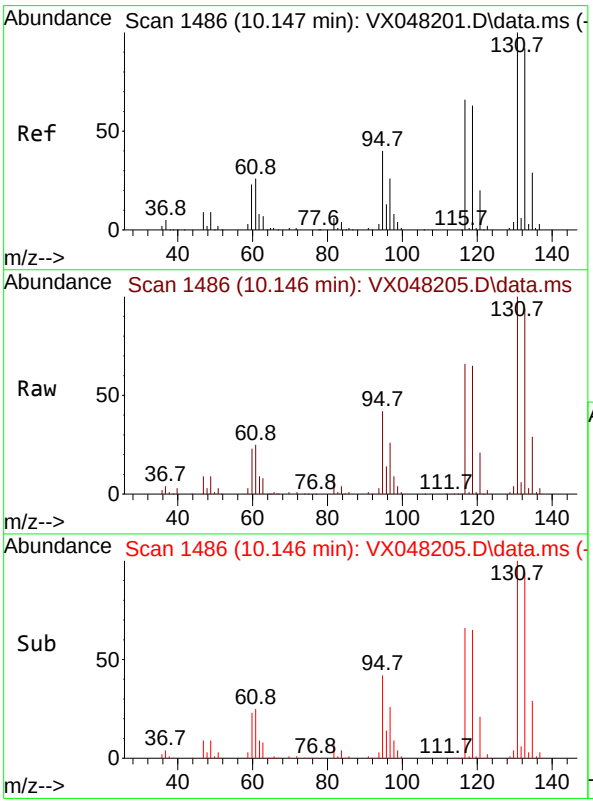
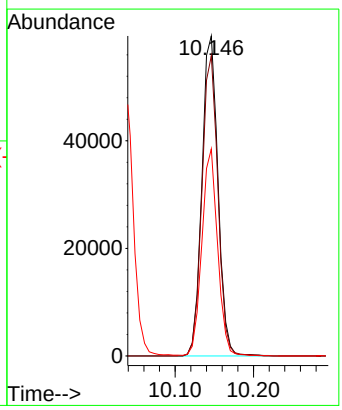
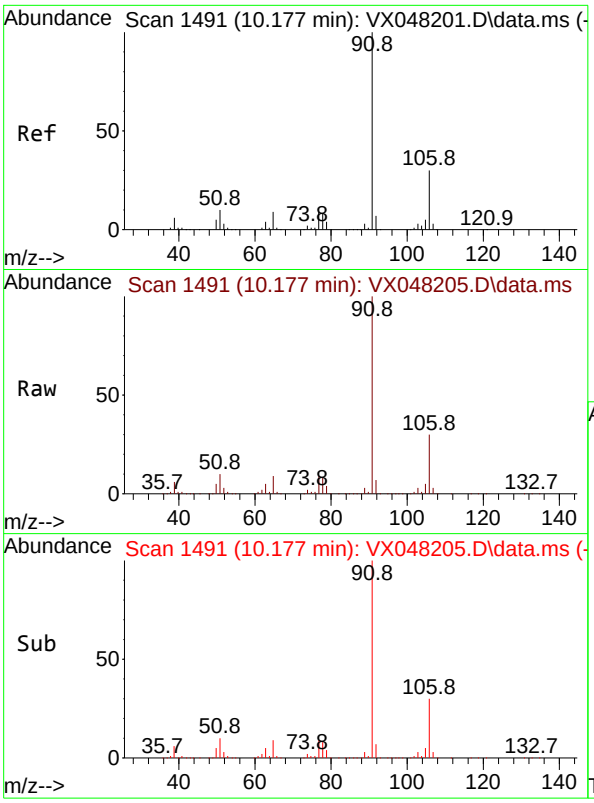


#66
1,1,1,2-Tetrachloroethane
Concen: 49.081 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:131 Resp: 84693

Ion	Ratio	Lower	Upper
131	100		
133	93.4	47.6	142.8
119	63.4	32.5	97.5

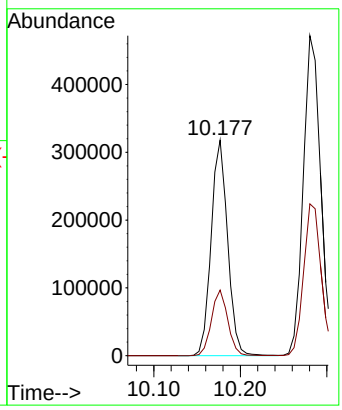




#67
Ethyl Benzene
Concen: 51.209 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 91 Resp: 42039

Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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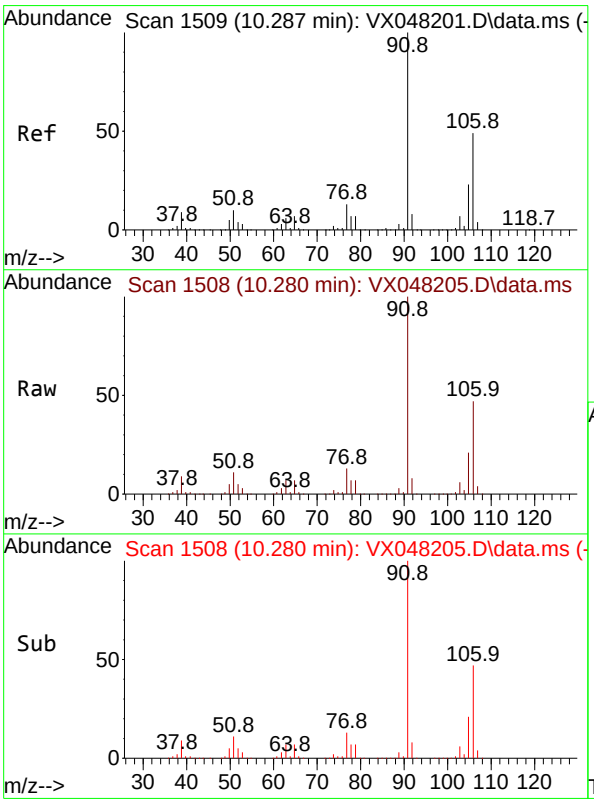
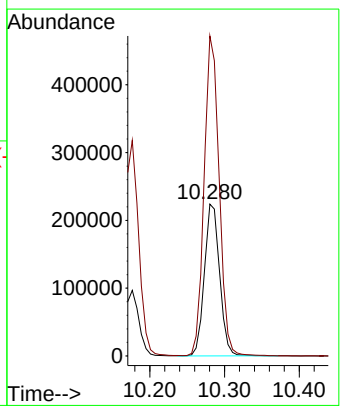
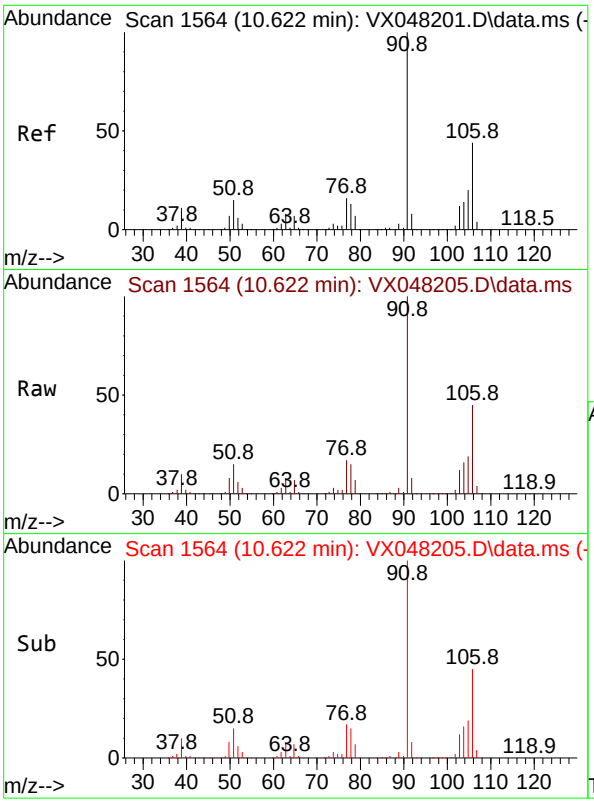


#68
m/p-Xylenes
Concen: 103.406 ug/l
RT: 10.280 min Scan# 1508
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:106 Resp: 316253

Ion	Ratio	Lower	Upper
106	100		
91	209.0	167.9	251.9

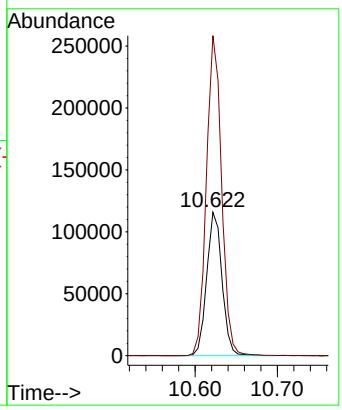




#69
o-Xylene
Concen: 51.976 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:106 Resp: 14964

Ion	Ratio	Lower	Upper
106	100		
91	221.9	111.3	333.9



Instrument :
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ClientSampleId :
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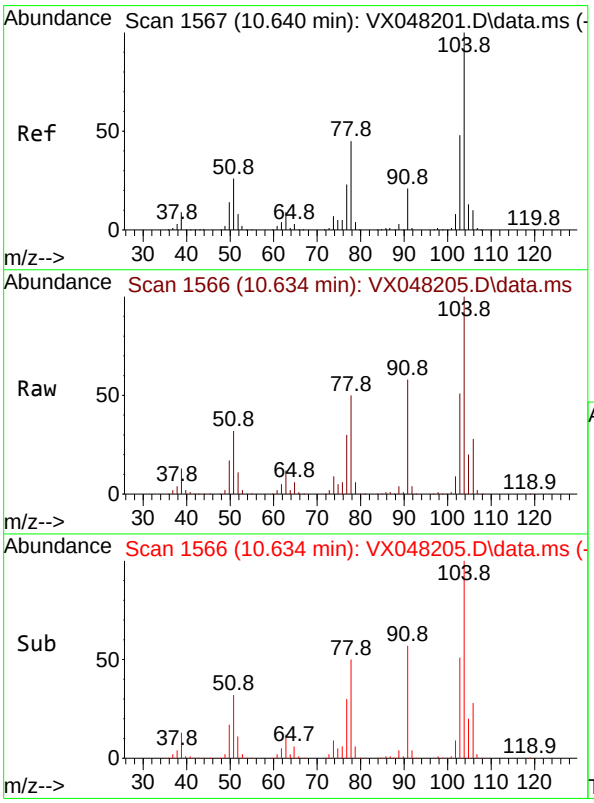
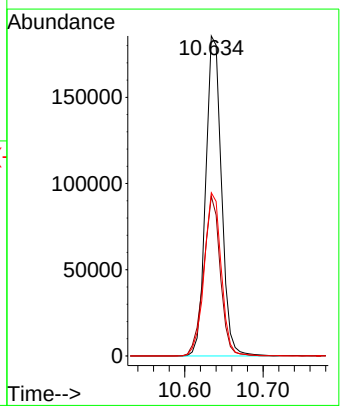
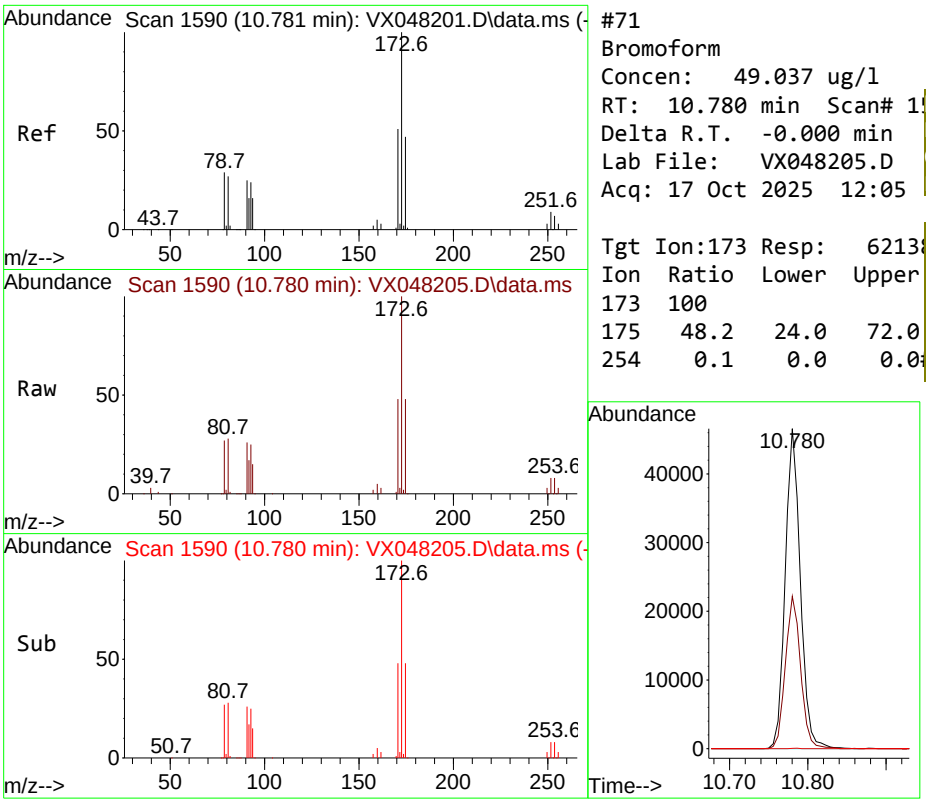


#70
Styrene
Concen: 52.327 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.007 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:104 Resp: 259319

Ion	Ratio	Lower	Upper
104	100		
78	52.9	42.2	63.4
103	55.1	43.0	64.4





#71
Bromoform
Concen: 49.037 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:173 Resp: 6213

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.1	0.0	0.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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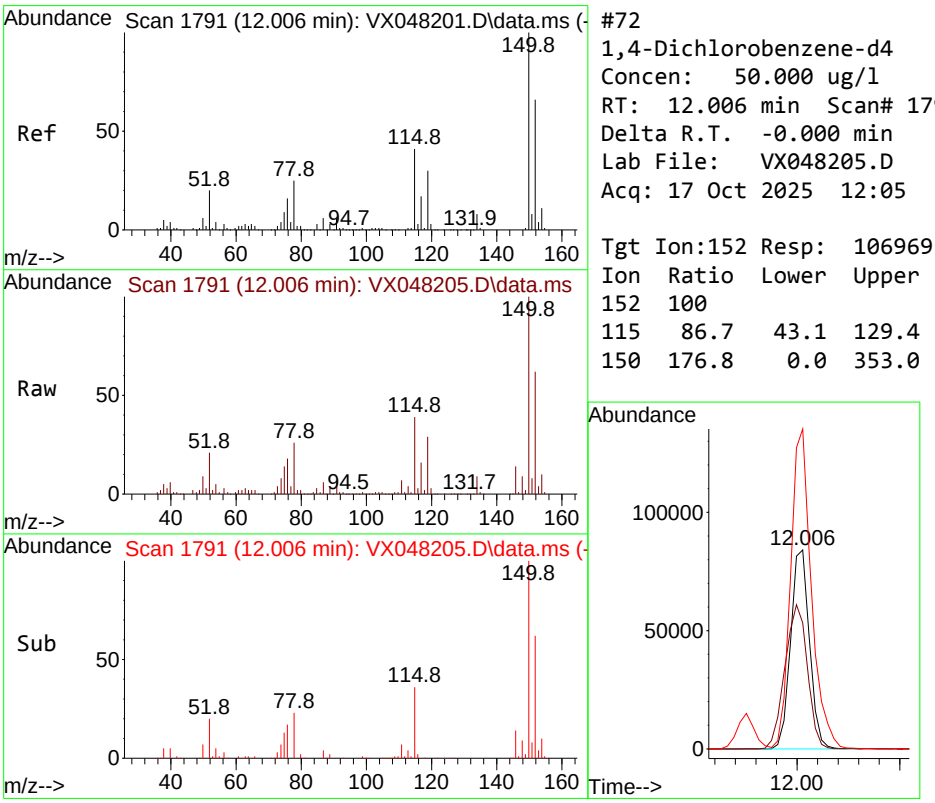
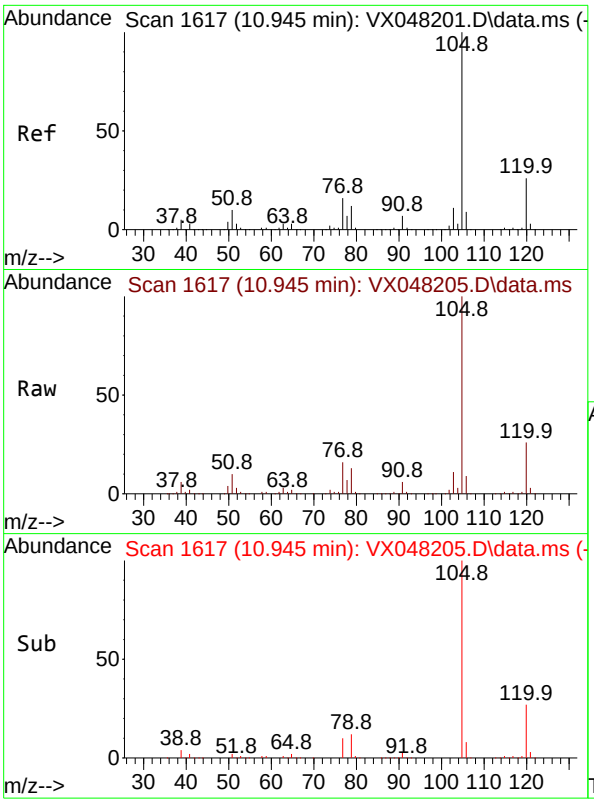


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:152 Resp: 106969

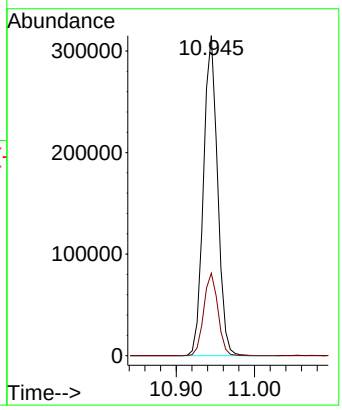
Ion	Ratio	Lower	Upper
152	100		
115	86.7	43.1	129.4
150	176.8	0.0	353.0



#73
Isopropylbenzene
Concen: 52.678 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:105 Resp: 39192

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9



Instrument :
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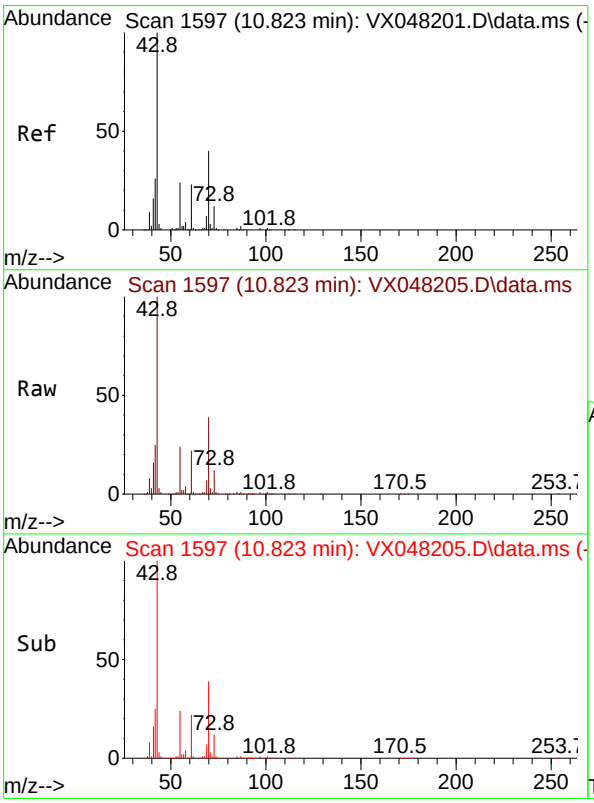
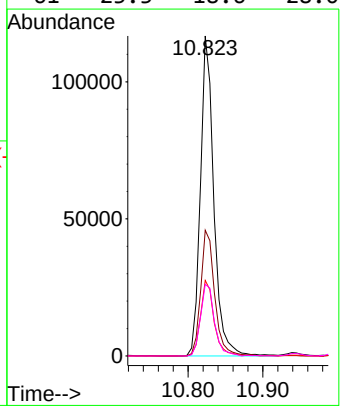
Supervised By :Mahesh Dadoda 10/20/2025

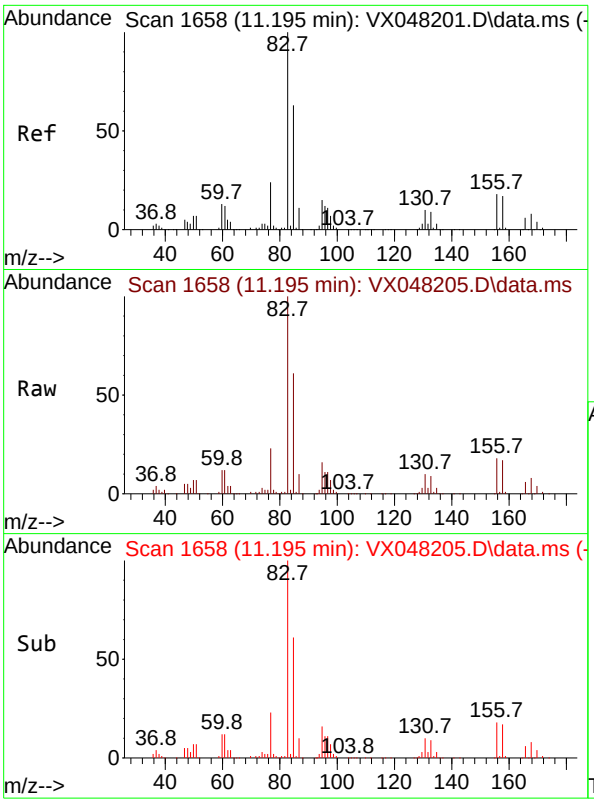


#74
N-amyl acetate
Concen: 52.597 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 43 Resp: 145987

Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.2	48.2
55	23.9	19.1	28.7
61	23.3	18.6	28.0

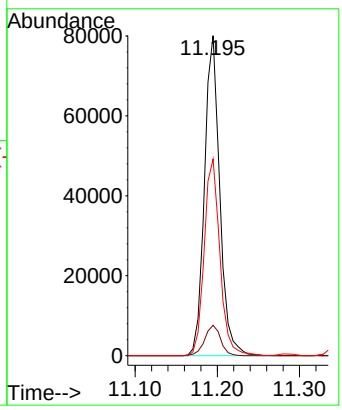




#75
1,1,2,2-Tetrachloroethane
Concen: 49.039 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 83 Resp: 10336

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.8	14.4
85	63.1	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations
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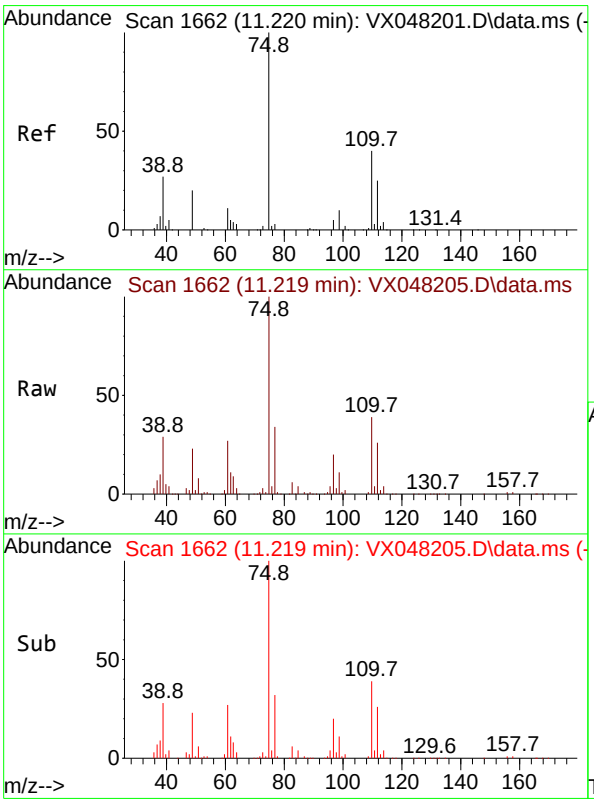
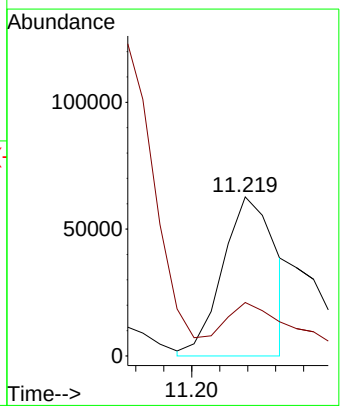
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

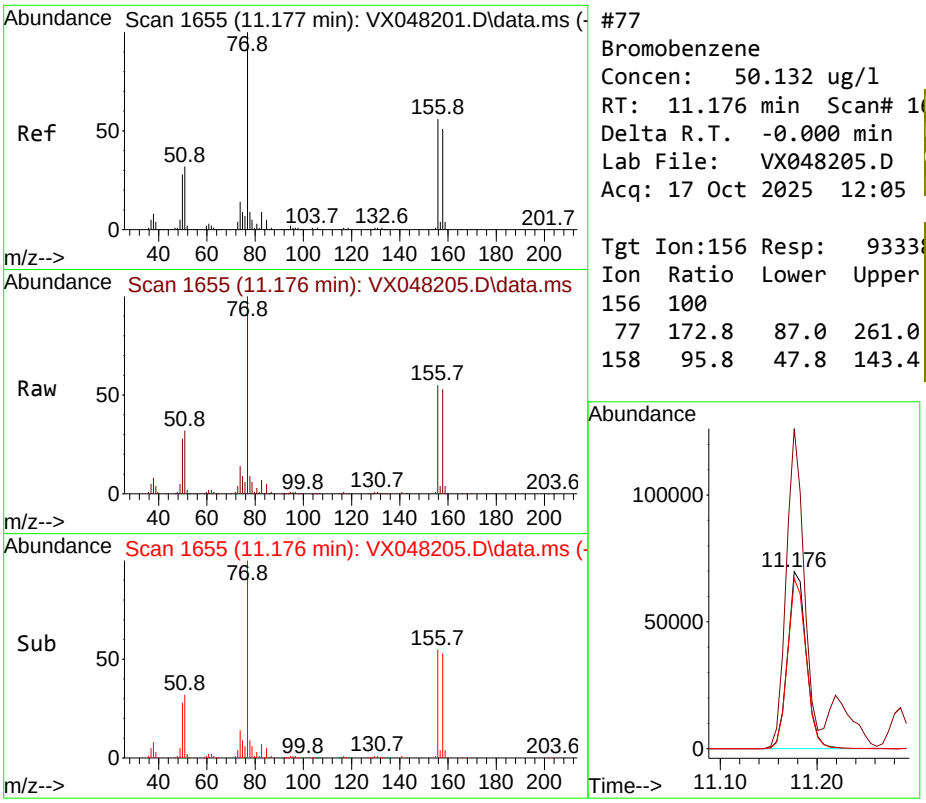


#76
1,2,3-Trichloropropane
Concen: 50.058 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 75 Resp: 81768

Ion	Ratio	Lower	Upper
75	100		
77	46.5	22.4	67.2





#77
Bromobenzene
Concen: 50.132 ug/l
RT: 11.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:156 Resp: 9333

Ion	Ratio	Lower	Upper
156	100		
77	172.8	87.0	261.0
158	95.8	47.8	143.4

Instrument :
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ICVVX101725

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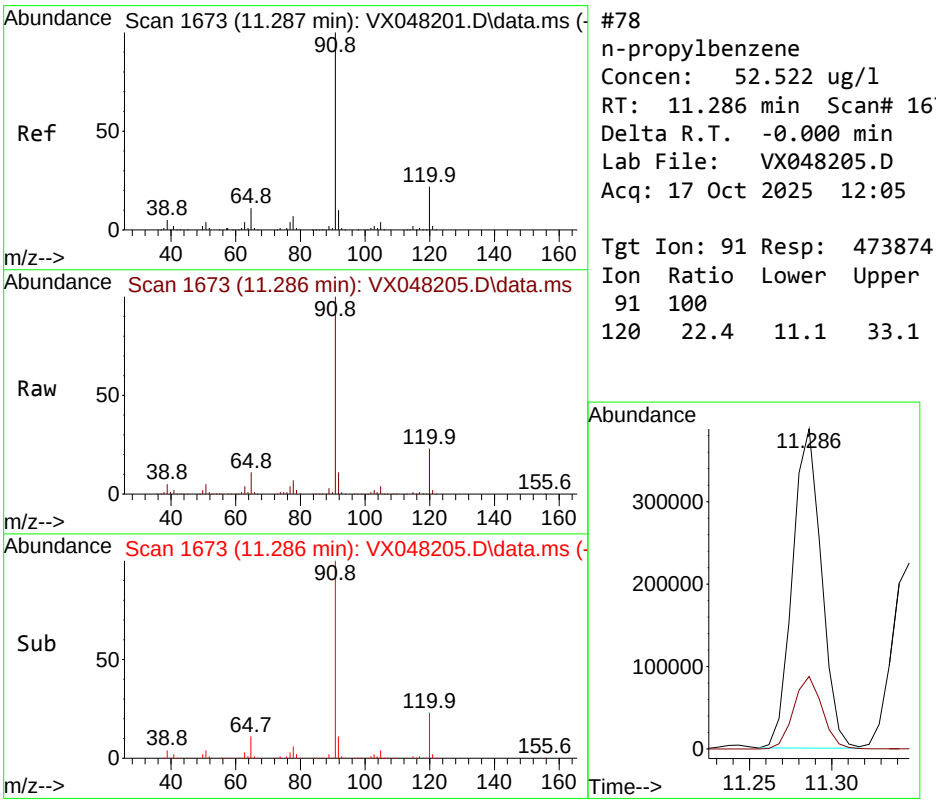
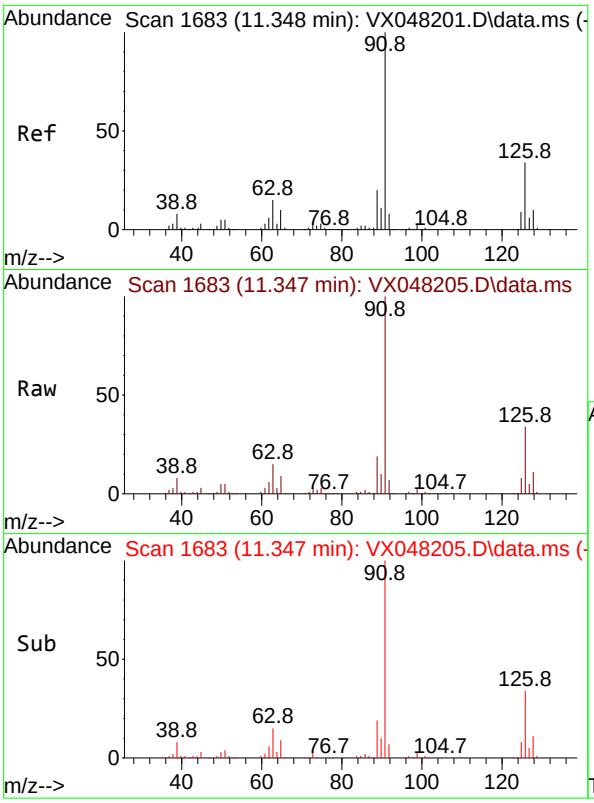


#78
n-propylbenzene
Concen: 52.522 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 91 Resp: 473874

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



#79
2-Chlorotoluene
Concen: 51.064 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 91 Resp: 27835

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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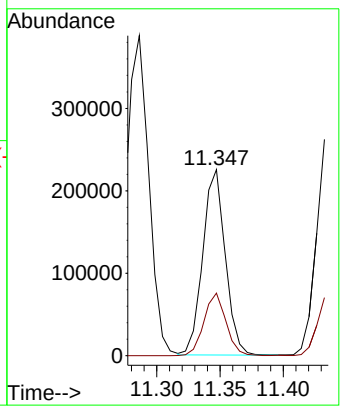
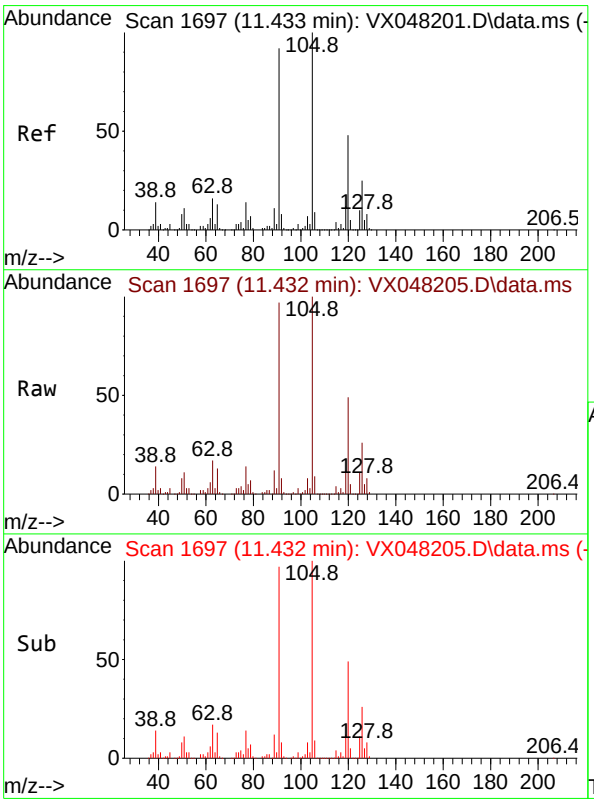
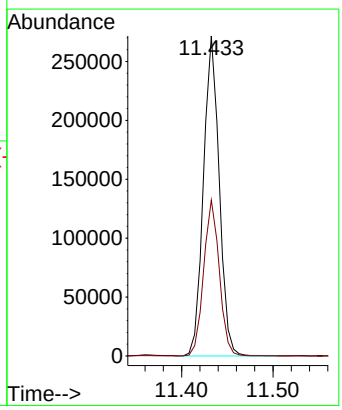


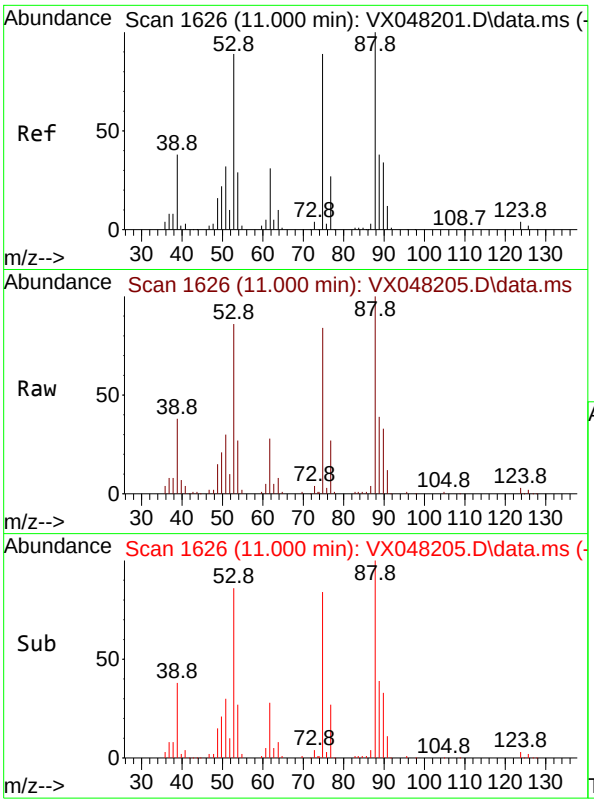


#80
1,3,5-Trimethylbenzene
Concen: 53.137 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:105 Resp: 324513

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.0	72.0

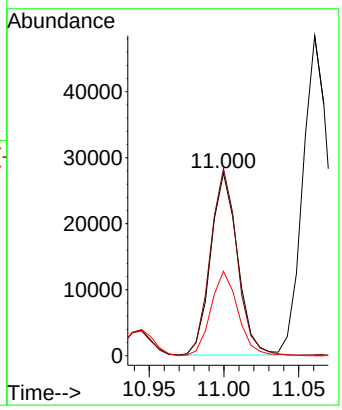




#81
trans-1,4-Dichloro-2-butene
Concen: 51.831 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 75 Resp: 3457

Ion	Ratio	Lower	Upper
75	100		
53	103.3	79.5	119.3
89	46.6	36.8	55.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations
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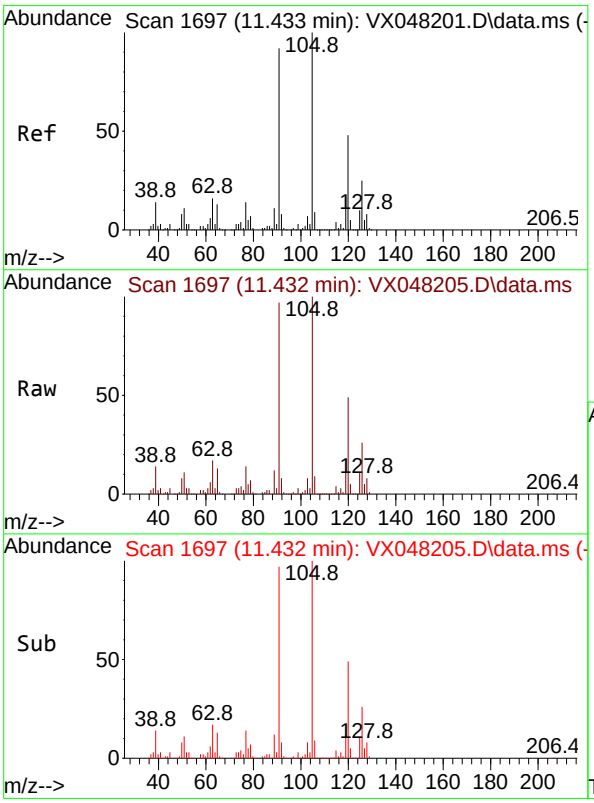
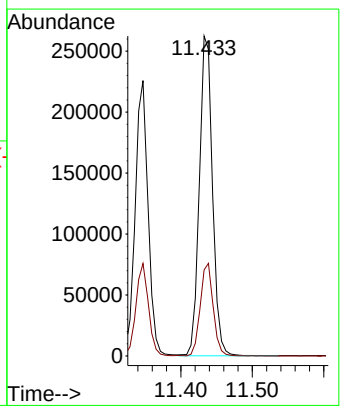
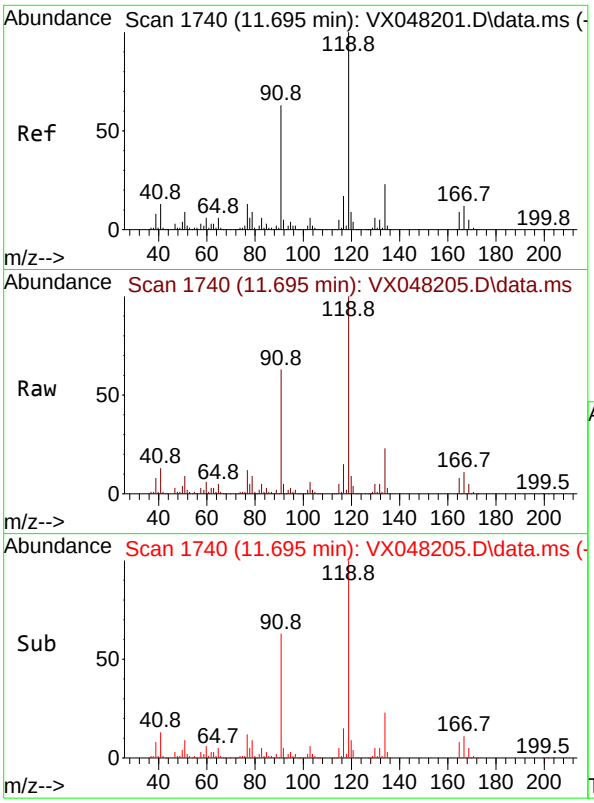


#82
4-Chlorotoluene
Concen: 52.207 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 91 Resp: 334431

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.1	42.4

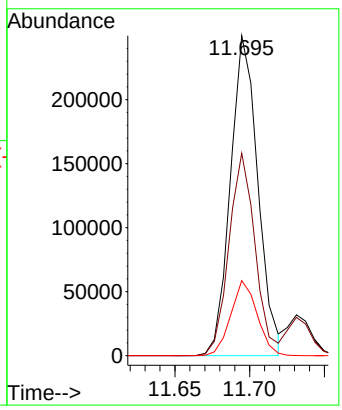




#83
tert-Butylbenzene
Concen: 51.730 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:119 Resp: 31916

Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.3	91.0
134	22.6	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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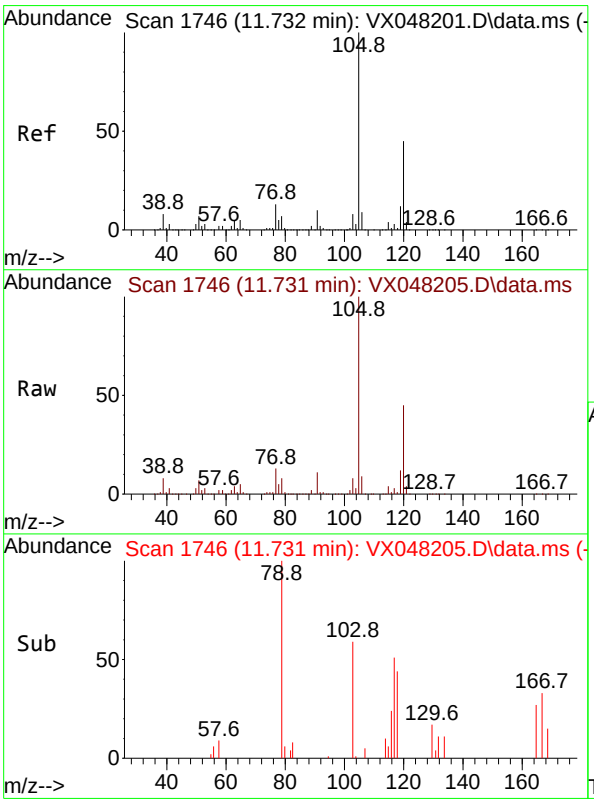
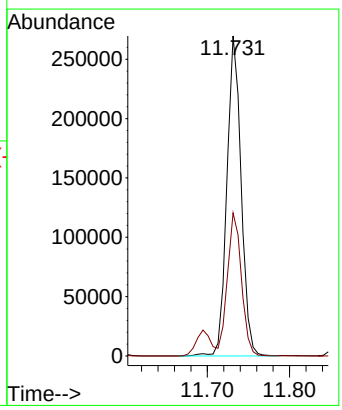
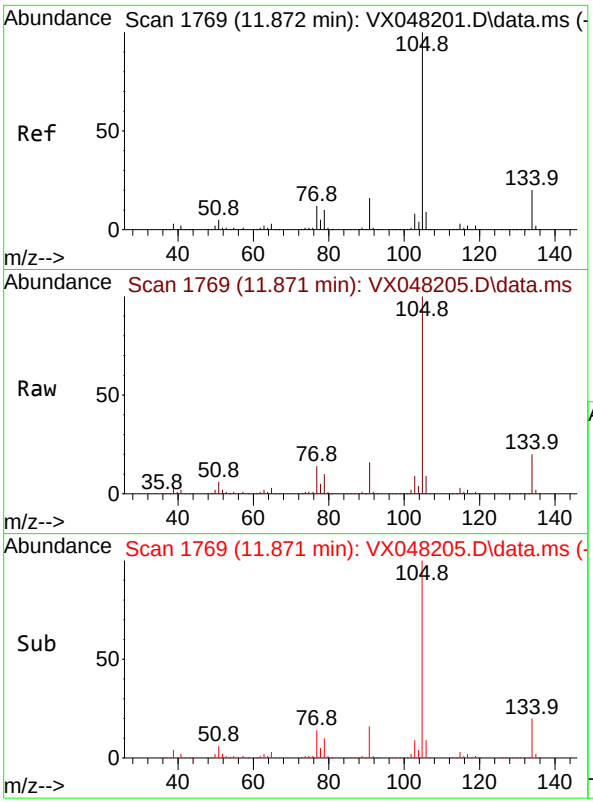


#84
1,2,4-Trimethylbenzene
Concen: 53.516 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:105 Resp: 325437

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.5

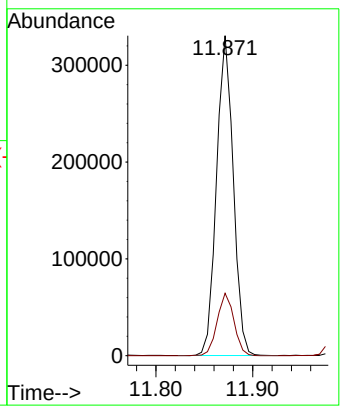




#85
sec-Butylbenzene
Concen: 52.495 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:105 Resp: 39596

Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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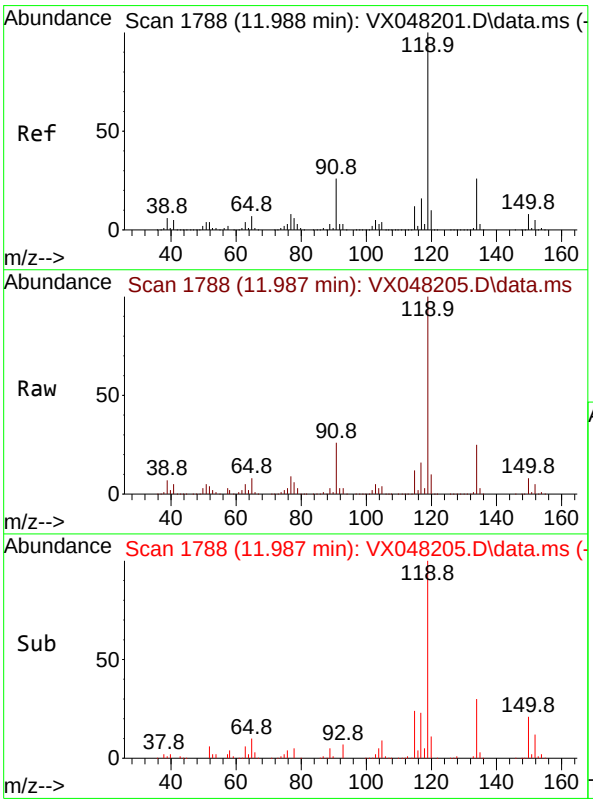
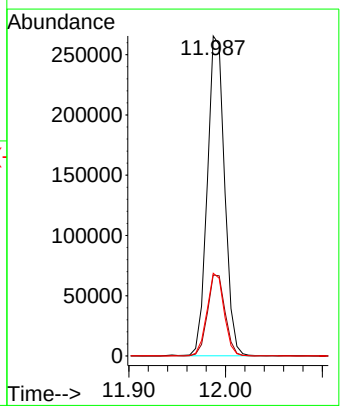
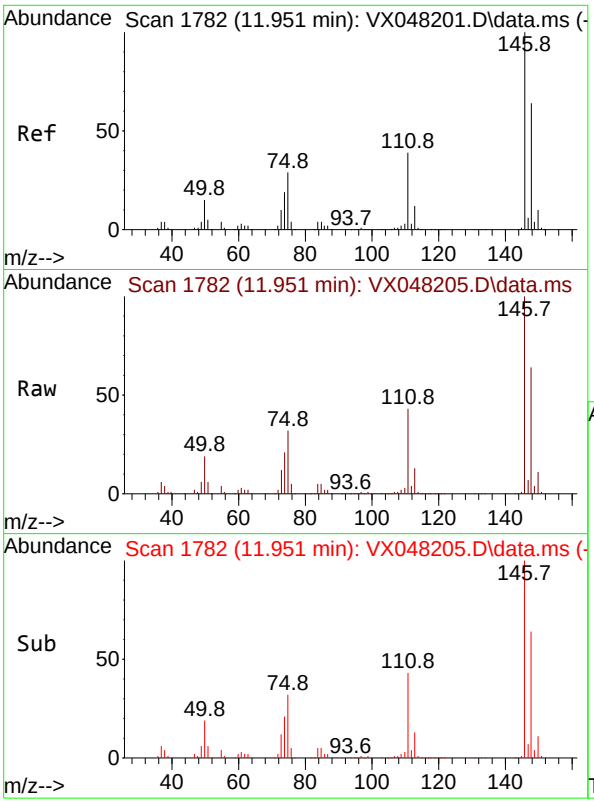


#86
p-Isopropyltoluene
Concen: 51.902 ug/l
RT: 11.987 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:119 Resp: 329988

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.0	39.0
91	25.6	12.1	36.3

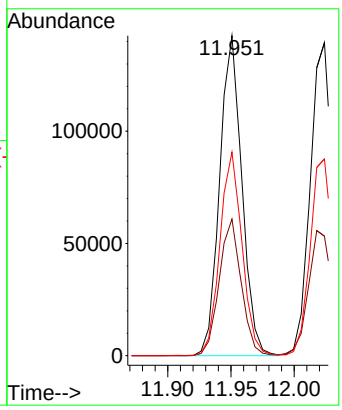




#87
1,3-Dichlorobenzene
Concen: 49.985 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:146 Resp: 17404

Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.4	61.2
148	63.5	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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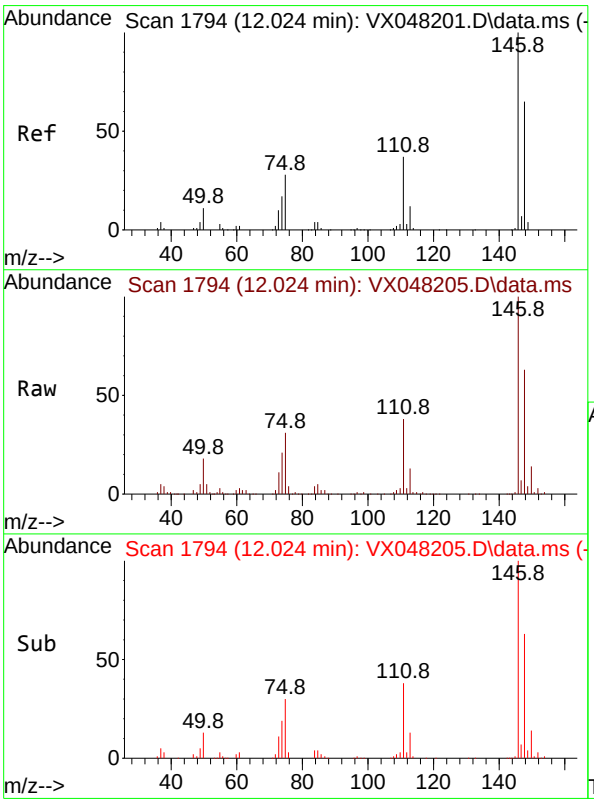
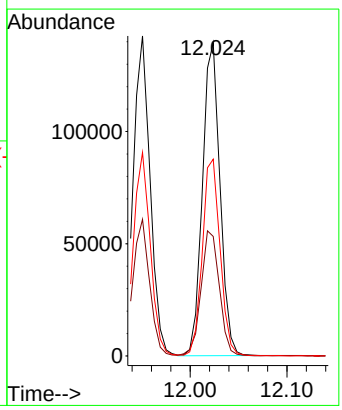
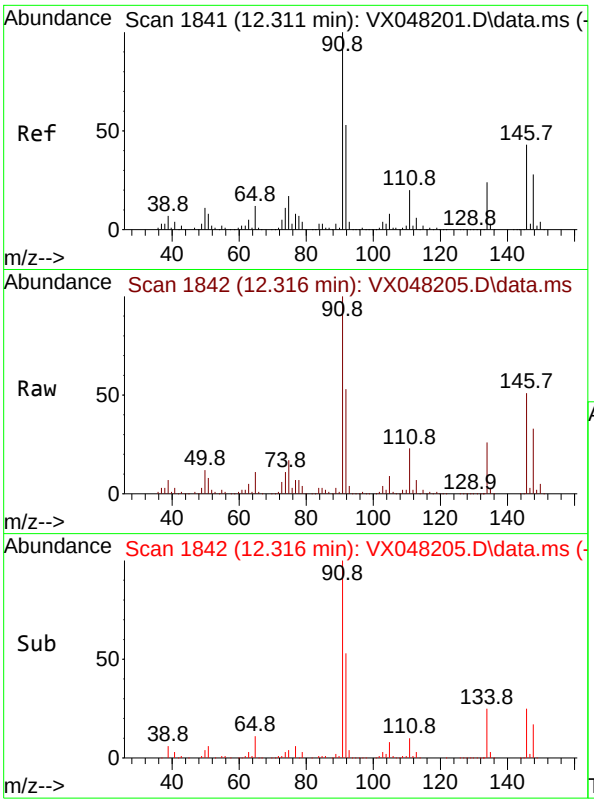


#88
1,4-Dichlorobenzene
Concen: 48.878 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:146 Resp: 176415

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.1	60.2
148	63.8	31.8	95.3

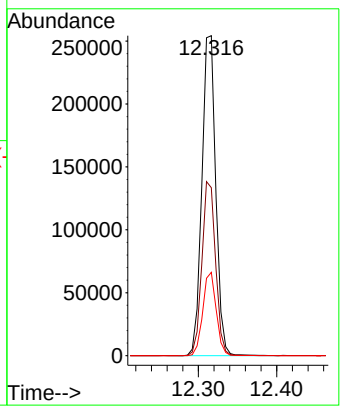




#89
n-Butylbenzene
Concen: 52.787 ug/l
RT: 12.316 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 91 Resp: 31259

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.6
134	25.3	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

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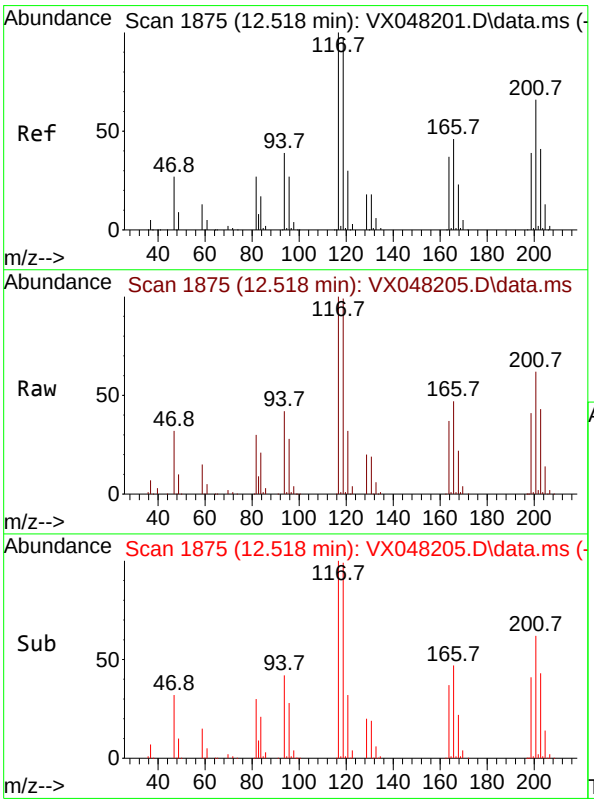
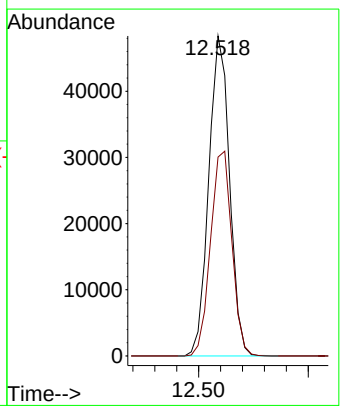
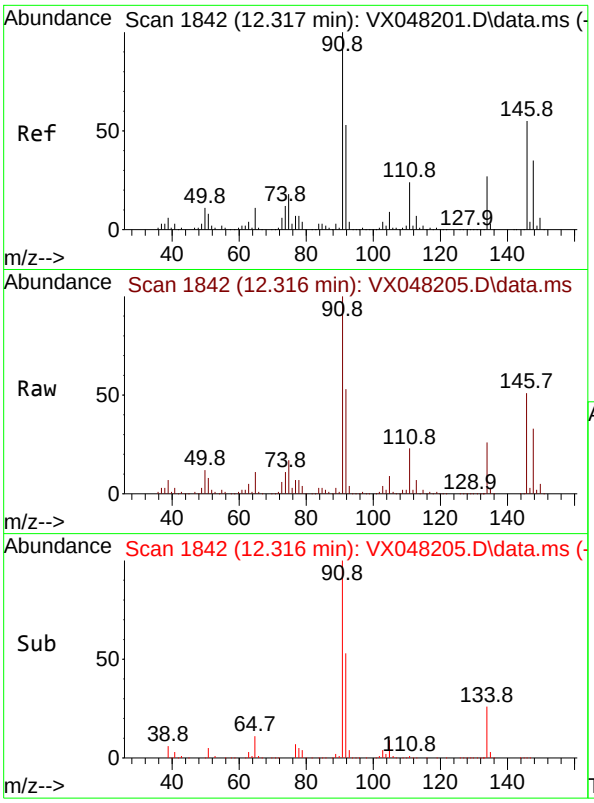


#90
Hexachloroethane
Concen: 47.442 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:117 Resp: 63664

Ion	Ratio	Lower	Upper
117	100		
201	65.9	34.1	102.2

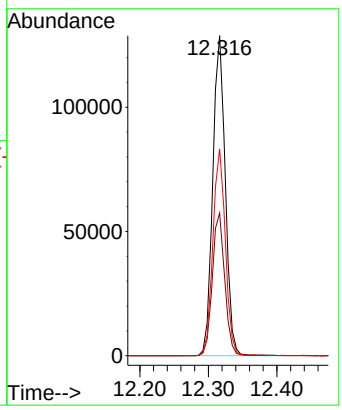




#91
1,2-Dichlorobenzene
Concen: 49.624 ug/l
RT: 12.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:146 Resp: 16324

Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.9	65.5
148	64.5	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations
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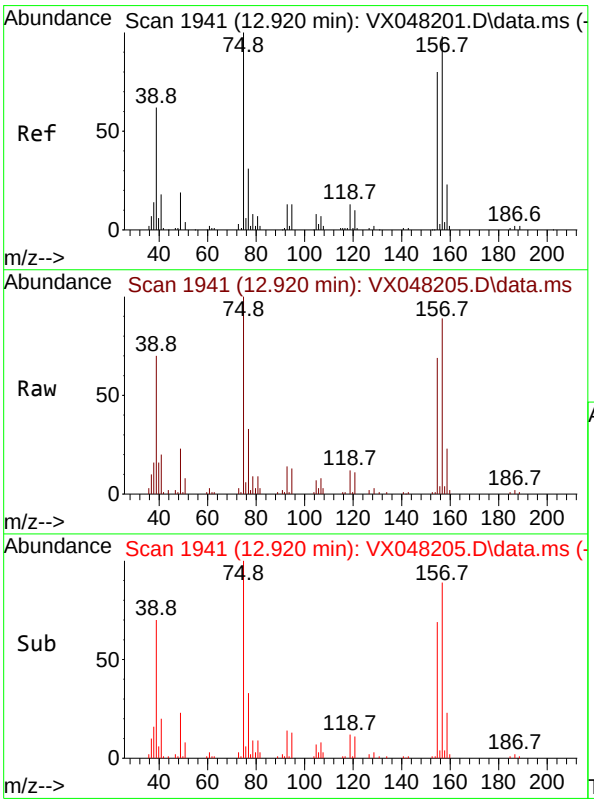
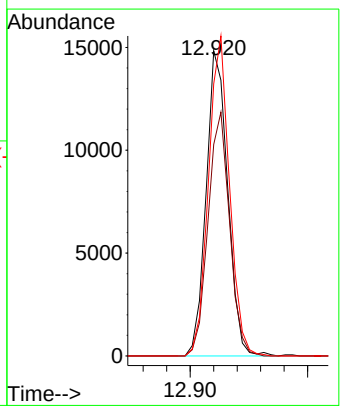
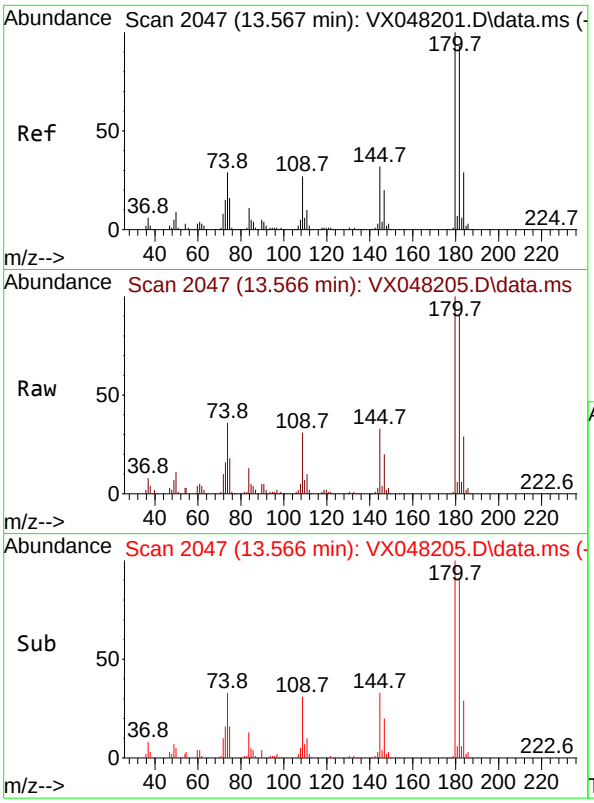


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.127 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion: 75 Resp: 18921

Ion	Ratio	Lower	Upper
75	100		
155	79.7	42.8	128.4
157	102.2	54.2	162.6

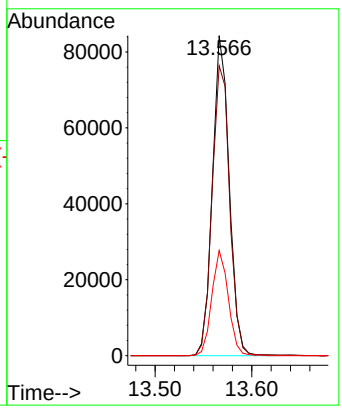




#93
1,2,4-Trichlorobenzene
Concen: 52.170 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:180 Resp: 10131

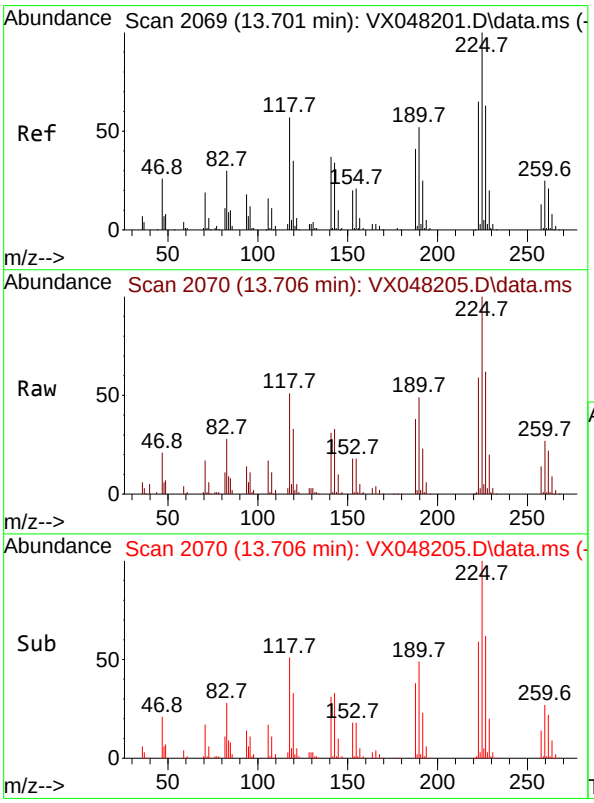
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	142.0
145	32.4	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations APPROVED

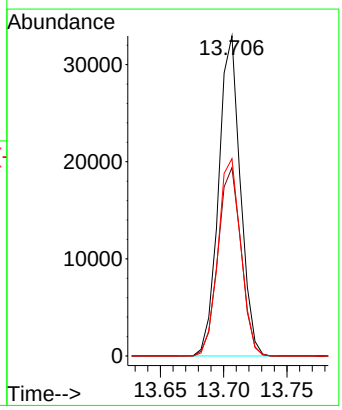
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

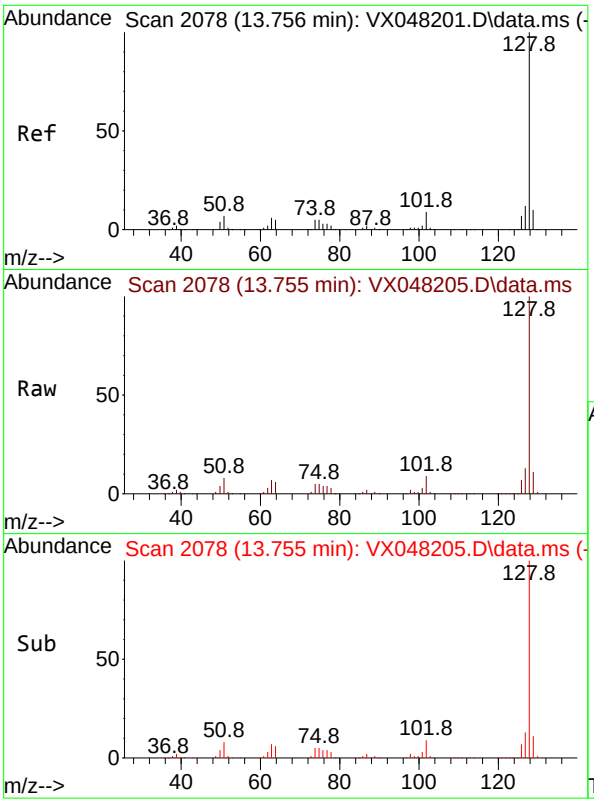


#94
Hexachlorobutadiene
Concen: 52.452 ug/l
RT: 13.706 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:225 Resp: 39285

Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.6	97.7
227	64.4	32.5	97.4

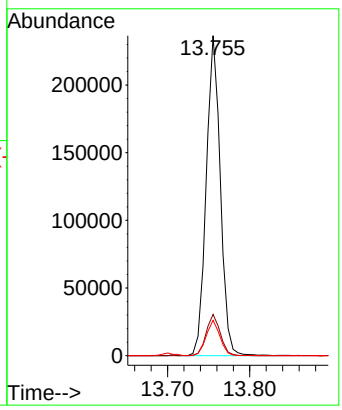




#95
Naphthalene
Concen: 54.943 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:128 Resp: 28126

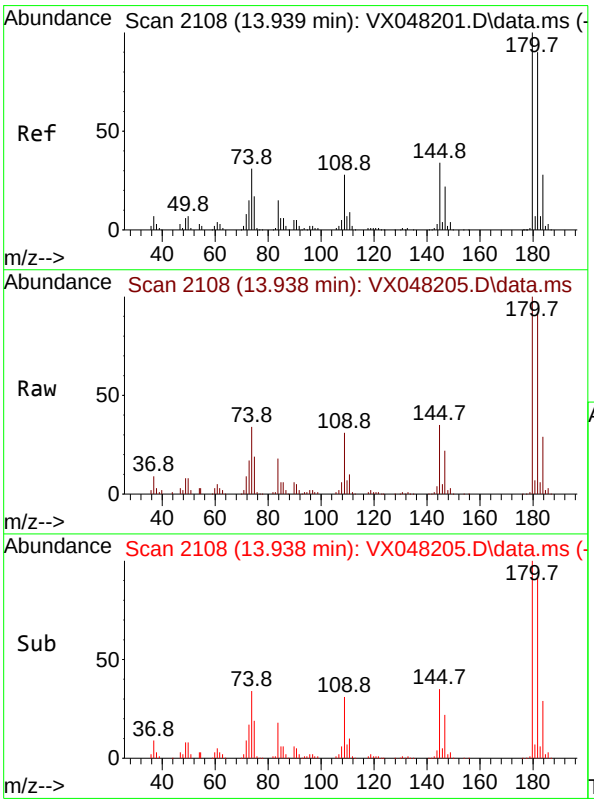
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Manual Integrations
APPROVED

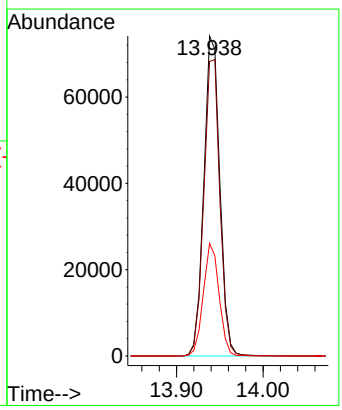
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.075 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048205.D
Acq: 17 Oct 2025 12:05

Tgt Ion:180 Resp: 95099

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.7
145	34.7	16.9	50.7



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048205.D
Acq On : 17 Oct 2025 12:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Quant Time: Oct 18 00:11:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	108	-0.01
2	T	Dichlorodifluoromethane	0.525	0.471	10.3	98	0.00
3	P	Chloromethane	0.636	0.568	10.7	101	0.00
4	C	Vinyl Chloride	0.670	0.628	6.3#	101	0.00
5	T	Bromomethane	0.445	0.418	6.1	104	0.00
6	T	Chloroethane	0.426	0.384	9.9	103	0.00
7	T	Trichlorofluoromethane	1.052	0.956	9.1	100	0.00
8	T	Diethyl Ether	0.359	0.321	10.6	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.593	0.553	6.7	103	0.00
10	T	Methyl Iodide	0.710	0.671	5.5	97	0.00
11	T	Tert butyl alcohol	0.051	0.047	7.8	104	0.00
12	CM	1,1-Dichloroethene	0.579	0.554	4.3#	105	0.00
13	T	Acrolein	0.108	0.084	22.2	91	0.00
14	T	Allyl chloride	1.042	0.963	7.6	102	0.00
15	T	Acrylonitrile	0.246	0.234	4.9	98	0.00
16	T	Acetone	0.264	0.232	12.1	100	0.00
17	T	Carbon Disulfide	1.783	1.593	10.7	99	0.00
18	T	Methyl Acetate	0.538	0.476	11.5	95	0.00
19	T	Methyl tert-butyl Ether	1.745	1.669	4.4	101	0.00
20	T	Methylene Chloride	0.644	0.592	8.1	100	0.00
21	T	trans-1,2-Dichloroethene	0.599	0.555	7.3	98	0.00
22	T	Diisopropyl ether	2.041	1.935	5.2	101	0.00
23	T	Vinyl Acetate	1.526	1.484	2.8	100	0.00
24	P	1,1-Dichloroethane	1.158	1.058	8.6	101	0.00
25	T	2-Butanone	0.308	0.289	6.2	99	0.00
26	T	2,2-Dichloropropane	0.990	0.912	7.9	104	0.00
27	T	cis-1,2-Dichloroethene	0.711	0.653	8.2	99	0.00
28	T	Bromochloromethane	0.534	0.536	-0.4	103	0.00
29	T	Tetrahydrofuran	0.181	0.171	5.5	99	0.00
30	C	Chloroform	1.219	1.106	9.3#	102	-0.01
31	T	Cyclohexane	0.947	0.958	-1.2	112	0.00
32	T	1,1,1-Trichloroethane	1.002	0.979	2.3	109	0.00
33	S	1,2-Dichloroethane-d4	0.775	0.664	14.3	98	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.347	0.368	-6.1	113	0.00
36	T	1,1-Dichloropropene	0.489	0.457	6.5	95	0.00
37	T	Ethyl Acetate	0.391	0.399	-2.0	103	0.00
38	T	Carbon Tetrachloride	0.561	0.525	6.4	95	0.00
39	T	Methylcyclohexane	0.551	0.572	-3.8	104	0.00
40	TM	Benzene	1.452	1.433	1.3	100	0.00
41	T	Methacrylonitrile	0.209	0.224	-7.2	103	-0.01
42	TM	1,2-Dichloroethane	0.520	0.494	5.0	95	0.00
43	T	Isopropyl Acetate	0.656	0.683	-4.1	103	0.00
44	TM	Trichloroethene	0.366	0.357	2.5	102	0.00
45	C	1,2-Dichloropropane	0.367	0.362	1.4#	100	0.00
46	T	Dibromomethane	0.264	0.259	1.9	101	0.00
47	T	Bromodichloromethane	0.571	0.560	1.9	101	0.00
48	T	Methyl methacrylate	0.336	0.344	-2.4	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048205.D
Acq On : 17 Oct 2025 12:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Quant Time: Oct 18 00:11:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	114	0.00
50	S	Toluene-d8	1.250	1.270	-1.6	105	0.00
51	T	4-Methyl-2-Pentanone	0.365	0.374	-2.5	99	0.00
52	CM	Toluene	0.872	0.892	-2.3#	101	0.00
53	T	t-1,3-Dichloropropene	0.535	0.556	-3.9	103	0.00
54	T	cis-1,3-Dichloropropene	0.583	0.604	-3.6	103	0.00
55	T	1,1,2-Trichloroethane	0.326	0.323	0.9	101	0.00
56	T	Ethyl methacrylate	0.443	0.480	-8.4	102	0.00
57	T	1,3-Dichloropropane	0.569	0.565	0.7	100	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.258	-13.7	105	0.00
59	T	2-Hexanone	0.255	0.265	-3.9	100	0.00
60	T	Dibromochloromethane	0.407	0.409	-0.5	101	0.00
61	T	1,2-Dibromoethane	0.334	0.332	0.6	100	0.00
62	S	4-Bromofluorobenzene	0.455	0.465	-2.2	108	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.351	0.337	4.0	101	0.00
65	PM	Chlorobenzene	1.093	1.087	0.5	101	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.387	1.8	103	0.00
67	C	Ethyl Benzene	1.874	1.920	-2.5#	102	0.00
68	T	m/p-Xylenes	0.698	0.722	-3.4	102	0.00
69	T	o-Xylene	0.657	0.683	-4.0	102	0.00
70	T	Styrene	1.131	1.184	-4.7	101	0.00
71	P	Bromoform	0.289	0.284	1.7	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.478	3.664	-5.3	102	0.00
74	T	N-amyl acetate	1.297	1.365	-5.2	101	0.00
75	P	1,1,2,2-Tetrachloroethane	0.985	0.966	1.9	98	0.00
76	T	1,2,3-Trichloropropane	0.764	0.764	0.0	98	0.00
77	T	Bromobenzene	0.870	0.873	-0.3	101	0.00
78	T	n-propylbenzene	4.217	4.430	-5.1	103	0.00
79	T	2-Chlorotoluene	2.548	2.602	-2.1	103	0.00
80	T	1,3,5-Trimethylbenzene	2.855	3.034	-6.3	103	0.00
81	T	trans-1,4-Dichloro-2-butene	0.312	0.323	-3.5	101	0.00
82	T	4-Chlorotoluene	2.994	3.126	-4.4	103	0.00
83	T	tert-Butylbenzene	2.884	2.984	-3.5	104	0.00
84	T	1,2,4-Trimethylbenzene	2.842	3.042	-7.0	103	0.00
85	T	sec-Butylbenzene	3.526	3.702	-5.0	105	0.00
86	T	p-Isopropyltoluene	2.972	3.085	-3.8	101	0.00
87	T	1,3-Dichlorobenzene	1.628	1.627	0.1	100	0.00
88	T	1,4-Dichlorobenzene	1.687	1.649	2.3	99	0.00
89	T	n-Butylbenzene	2.768	2.922	-5.6	103	0.00
90	T	Hexachloroethane	0.627	0.595	5.1	98	0.00
91	T	1,2-Dichlorobenzene	1.538	1.526	0.8	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.180	0.177	1.7	108	0.00
93	T	1,2,4-Trichlorobenzene	0.908	0.947	-4.3	104	0.00
94	T	Hexachlorobutadiene	0.350	0.367	-4.9	110	0.00
95	T	Naphthalene	2.393	2.629	-9.9	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048205.D
Acq On : 17 Oct 2025 12:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Quant Time: Oct 18 00:11:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.889	-6.1	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048205.D
Acq On : 17 Oct 2025 12:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Quant Time: Oct 18 00:11:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	108	-0.01
2	T	Dichlorodifluoromethane	50.000	44.902	10.2	98	0.00
3	P	Chloromethane	50.000	44.667	10.7	101	0.00
4	C	Vinyl Chloride	50.000	46.893	6.2#	101	0.00
5	T	Bromomethane	50.000	46.950	6.1	104	0.00
6	T	Chloroethane	50.000	44.992	10.0	103	0.00
7	T	Trichlorofluoromethane	50.000	45.460	9.1	100	0.00
8	T	Diethyl Ether	50.000	44.816	10.4	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.681	6.6	103	0.00
10	T	Methyl Iodide	50.000	47.285	5.4	97	0.00
11	T	Tert butyl alcohol	250.000	228.526	8.6	104	0.00
12	CM	1,1-Dichloroethene	50.000	47.837	4.3#	105	0.00
13	T	Acrolein	250.000	194.704	22.1	91	0.00
14	T	Allyl chloride	50.000	46.221	7.6	102	0.00
15	T	Acrylonitrile	250.000	237.679	4.9	98	0.00
16	T	Acetone	250.000	219.841	12.1	100	0.00
17	T	Carbon Disulfide	50.000	44.693	10.6	99	0.00
18	T	Methyl Acetate	50.000	44.181	11.6	95	0.00
19	T	Methyl tert-butyl Ether	50.000	47.809	4.4	101	0.00
20	T	Methylene Chloride	50.000	46.010	8.0	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.325	7.3	98	0.00
22	T	Diisopropyl ether	50.000	47.419	5.2	101	0.00
23	T	Vinyl Acetate	250.000	243.116	2.8	100	0.00
24	P	1,1-Dichloroethane	50.000	45.685	8.6	101	0.00
25	T	2-Butanone	250.000	234.559	6.2	99	0.00
26	T	2,2-Dichloropropane	50.000	46.100	7.8	104	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.892	8.2	99	0.00
28	T	Bromochloromethane	50.000	50.221	-0.4	103	0.00
29	T	Tetrahydrofuran	250.000	235.860	5.7	99	0.00
30	C	Chloroform	50.000	45.352	9.3#	102	-0.01
31	T	Cyclohexane	50.000	50.544	-1.1	112	0.00
32	T	1,1,1-Trichloroethane	50.000	48.873	2.3	109	0.00
33	S	1,2-Dichloroethane-d4	50.000	42.834	14.3	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	52.953	-5.9	113	0.00
36	T	1,1-Dichloropropene	50.000	46.767	6.5	95	0.00
37	T	Ethyl Acetate	50.000	51.026	-2.1	103	0.00
38	T	Carbon Tetrachloride	50.000	46.757	6.5	95	0.00
39	T	Methylcyclohexane	50.000	51.908	-3.8	104	0.00
40	TM	Benzene	50.000	49.346	1.3	100	0.00
41	T	Methacrylonitrile	50.000	53.600	-7.2	103	-0.01
42	TM	1,2-Dichloroethane	50.000	47.540	4.9	95	0.00
43	T	Isopropyl Acetate	50.000	52.082	-4.2	103	0.00
44	TM	Trichloroethene	50.000	48.776	2.4	102	0.00
45	C	1,2-Dichloropropane	50.000	49.205	1.6#	100	0.00
46	T	Dibromomethane	50.000	48.973	2.1	101	0.00
47	T	Bromodichloromethane	50.000	49.041	1.9	101	0.00
48	T	Methyl methacrylate	50.000	51.305	-2.6	101	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048205.D
Acq On : 17 Oct 2025 12:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Quant Time: Oct 18 00:11:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1125.868	-12.6	114	0.00
50	S	Toluene-d8	50.000	50.808	-1.6	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.250	-2.5	99	0.00
52	CM	Toluene	50.000	51.136	-2.3#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	51.942	-3.9	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.786	-3.6	103	0.00
55	T	1,1,2-Trichloroethane	50.000	49.609	0.8	101	0.00
56	T	Ethyl methacrylate	50.000	54.222	-8.4	102	0.00
57	T	1,3-Dichloropropane	50.000	49.659	0.7	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	237.458	5.0	105	0.00
59	T	2-Hexanone	250.000	259.657	-3.9	100	0.00
60	T	Dibromochloromethane	50.000	50.202	-0.4	101	0.00
61	T	1,2-Dibromoethane	50.000	49.670	0.7	100	0.00
62	S	4-Bromofluorobenzene	50.000	51.042	-2.1	108	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	48.046	3.9	101	0.00
65	PM	Chlorobenzene	50.000	49.700	0.6	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.081	1.8	103	0.00
67	C	Ethyl Benzene	50.000	51.209	-2.4#	102	0.00
68	T	m/p-Xylenes	100.000	103.406	-3.4	102	0.00
69	T	o-Xylene	50.000	51.976	-4.0	102	0.00
70	T	Styrene	50.000	52.327	-4.7	101	0.00
71	P	Bromoform	50.000	49.037	1.9	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	52.678	-5.4	102	0.00
74	T	N-amyl acetate	50.000	52.597	-5.2	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.039	1.9	98	0.00
76	T	1,2,3-Trichloropropane	50.000	50.058	-0.1	98	0.00
77	T	Bromobenzene	50.000	50.132	-0.3	101	0.00
78	T	n-propylbenzene	50.000	52.522	-5.0	103	0.00
79	T	2-Chlorotoluene	50.000	51.064	-2.1	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.137	-6.3	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.831	-3.7	101	0.00
82	T	4-Chlorotoluene	50.000	52.207	-4.4	103	0.00
83	T	tert-Butylbenzene	50.000	51.730	-3.5	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.516	-7.0	103	0.00
85	T	sec-Butylbenzene	50.000	52.495	-5.0	105	0.00
86	T	p-Isopropyltoluene	50.000	51.902	-3.8	101	0.00
87	T	1,3-Dichlorobenzene	50.000	49.985	0.0	100	0.00
88	T	1,4-Dichlorobenzene	50.000	48.878	2.2	99	0.00
89	T	n-Butylbenzene	50.000	52.787	-5.6	103	0.00
90	T	Hexachloroethane	50.000	47.442	5.1	98	0.00
91	T	1,2-Dichlorobenzene	50.000	49.624	0.8	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.127	1.7	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.170	-4.3	104	0.00
94	T	Hexachlorobutadiene	50.000	52.452	-4.9	110	0.00
95	T	Naphthalene	50.000	54.943	-9.9	103	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048205.D
Acq On : 17 Oct 2025 12:05
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX101725

Quant Time: Oct 18 00:11:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.075	-6.2	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: CORE02
Lab Code: ACE | SDG No.: Q3311
Instrument ID: MSVOA_X | Calibration Date/Time: 10/09/2025 09:06
Lab File ID: VX048072.D | Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.514		-0.96	20
Chloromethane	0.680	0.581	0.1	-14.56	20
Vinyl Chloride	0.666	0.624		-6.31	20
Bromomethane	0.422	0.425		0.71	20
Chloroethane	0.445	0.436		-2.02	20
Trichlorofluoromethane	0.989	1.043		5.46	20
1,1,2-Trichlorotrifluoroethane	0.578	0.620		7.27	20
1,1-Dichloroethene	0.594	0.583		-1.85	20
Acetone	0.346	0.337		-2.6	20
Carbon Disulfide	1.626	1.314		-19.19	20
Methyl tert-butyl Ether	2.169	2.233		2.95	20
Methyl Acetate	0.770	0.843		9.48	20
Methylene Chloride	0.732	0.743		1.5	20
trans-1,2-Dichloroethene	0.640	0.630		-1.56	20
1,1-Dichloroethane	1.263	1.343	0.1	6.33	20
Cyclohexane	1.052	0.865		-17.78	20
2-Butanone	0.432	0.413		-4.4	20
Carbon Tetrachloride	0.532	0.541		1.69	20
cis-1,2-Dichloroethene	0.783	0.811		3.58	20
Bromochloromethane	0.551	0.609		10.53	20
Chloroform	1.276	1.406		10.19	20
1,1,1-Trichloroethane	1.082	1.132		4.62	20
Methylcyclohexane	0.556	0.473		-14.93	20
Benzene	1.488	1.509		1.41	20
1,2-Dichloroethane	0.566	0.591		4.42	20
Trichloroethene	0.360	0.362		0.56	20
1,2-Dichloropropane	0.381	0.412		8.14	20
Bromodichloromethane	0.572	0.640		11.89	20
4-Methyl-2-Pentanone	0.477	0.471		-1.26	20
Toluene	0.917	0.926		0.98	20
t-1,3-Dichloropropene	0.584	0.610		4.45	20
cis-1,3-Dichloropropene	0.624	0.661		5.93	20
1,1,2-Trichloroethane	0.354	0.388		9.6	20
2-Hexanone	0.343	0.324		-5.54	20
Dibromochloromethane	0.407	0.470		15.48	20
1,2-Dibromoethane	0.360	0.384		6.67	20
Tetrachloroethene	0.326	0.303		-7.05	20
Chlorobenzene	1.136	1.155	0.3	1.67	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	CORE02
Lab Code:	ACE	SDG No.:	Q3311
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/09/2025 09:06
Lab File ID:	VX048072.D	Init. Calib. Date(s):	09/16/2025 09/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	1.942		-0.92	20
m/p-Xylenes	0.729	0.727		-0.27	20
o-Xylene	0.706	0.705		-0.14	20
Styrene	1.236	1.279		3.48	20
Bromoform	0.293	0.321	0.1	9.56	20
Isopropylbenzene	3.801	3.755		-1.21	20
1,1,2,2-Tetrachloroethane	1.150	1.184	0.3	2.96	20
1,3-Dichlorobenzene	1.739	1.723		-0.92	20
1,4-Dichlorobenzene	1.785	1.753		-1.79	20
1,2-Dichlorobenzene	1.657	1.664		0.42	20
1,2-Dibromo-3-Chloropropane	0.233	0.213		-8.58	20
1,2,4-Trichlorobenzene	1.077	1.010		-6.22	20
1,2,3-Trichlorobenzene	1.002	0.947		-5.49	20
1,2-Dichloroethane-d4	0.796	0.868		9.05	20
Dibromofluoromethane	0.335	0.395		17.91	20
Toluene-d8	1.160	1.266		9.14	20
4-Bromofluorobenzene	0.440	0.481		9.32	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048072.D
Acq On : 09 Oct 2025 09:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 01:15:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	133891	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	232812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	103010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	116172	54.510	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.020%			
35) Dibromofluoromethane	5.367	113	91936	58.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 117.760%			
50) Toluene-d8	8.628	98	294822	54.570	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.140%			
62) 4-Bromofluorobenzene	11.061	95	111926	54.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	68753	49.589	ug/l	99
3) Chloromethane	1.300	50	77854	42.725	ug/l	98
4) Vinyl Chloride	1.380	62	83548	46.839	ug/l	98
5) Bromomethane	1.617	94	56890	50.297	ug/l	96
6) Chloroethane	1.697	64	58424	49.006	ug/l	97
7) Trichlorofluoromethane	1.892	101	139589	52.705	ug/l	99
8) Diethyl Ether	2.136	74	56104	51.785	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	83027	53.613	ug/l	98
10) Methyl Iodide	2.453	142	77947	32.273	ug/l	99
11) Tert butyl alcohol	2.934	59	48364	203.758	ug/l	99
12) 1,1-Dichloroethene	2.325	96	78008	49.038	ug/l	94
13) Acrolein	2.233	56	53246	243.432	ug/l	99
14) Allyl chloride	2.666	41	155668	47.422	ug/l	98
15) Acrylonitrile	3.056	53	227926	259.244	ug/l	98
16) Acetone	2.367	43	225939	243.822	ug/l	98
17) Carbon Disulfide	2.514	76	175903	40.392	ug/l	98
18) Methyl Acetate	2.697	43	112820	54.707	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	298962	51.483	ug/l	98
20) Methylene Chloride	2.788	84	99425	50.689	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	84291	49.217	ug/l	97
22) Diisopropyl ether	3.745	45	345267	54.272	ug/l	92
23) Vinyl Acetate	3.709	43	1293543	254.054	ug/l	100
24) 1,1-Dichloroethane	3.599	63	179784	53.170	ug/l	99
25) 2-Butanone	4.532	43	276334	239.067	ug/l	100
26) 2,2-Dichloropropane	4.458	77	144896	51.551	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	108592	51.774	ug/l	99
28) Bromochloromethane	4.879	49	81555	55.247	ug/l	98
29) Tetrahydrofuran	4.983	42	155976	224.312	ug/l	100
30) Chloroform	5.074	83	188262	55.097	ug/l	99
31) Cyclohexane	5.458	56	115758	41.104	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	151590	52.303	ug/l	99
36) 1,1-Dichloropropene	5.678	75	106138	46.521	ug/l	99
37) Ethyl Acetate	4.690	43	112300	45.971	ug/l	100
38) Carbon Tetrachloride	5.659	117	125955	50.811	ug/l	99
39) Methylcyclohexane	7.360	83	110215	42.557	ug/l	99
40) Benzene	6.019	78	351292	50.695	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048072.D
Acq On : 09 Oct 2025 09:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 01:15:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	65112	51.630	ug/l		98
42) 1,2-Dichloroethane	6.062	62	137528	52.161	ug/l		99
43) Isopropyl Acetate	6.318	43	190095	47.447	ug/l		99
44) Trichloroethene	7.104	130	84344	50.345	ug/l		96
45) 1,2-Dichloropropane	7.409	63	95971	54.087	ug/l		99
46) Dibromomethane	7.562	93	68547	53.086	ug/l		100
47) Bromodichloromethane	7.799	83	149105	55.959	ug/l		99
48) Methyl methacrylate	7.671	41	96035	48.122	ug/l		99
49) 1,4-Dioxane	7.641	88	21743	1078.083	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	547938	246.669	ug/l		99
52) Toluene	8.702	92	215506	50.478	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	141924	52.219	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	153909	52.981	ug/l		99
55) 1,1,2-Trichloroethane	9.134	97	90228	54.809	ug/l		98
56) Ethyl methacrylate	9.098	69	129018	49.904	ug/l		98
57) 1,3-Dichloropropane	9.293	76	153817	54.392	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.220	63	328449	264.840	ug/l		100
59) 2-Hexanone	9.415	43	377013	236.316	ug/l		100
60) Dibromochloromethane	9.500	129	109325	57.636	ug/l		99
61) 1,2-Dibromoethane	9.592	107	89398	53.316	ug/l		100
64) Tetrachloroethene	9.256	164	63286	46.503	ug/l		100
65) Chlorobenzene	10.061	112	241146	50.846	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	91525	55.925	ug/l		99
67) Ethyl Benzene	10.177	91	405378	49.538	ug/l		98
68) m/p-Xylenes	10.281	106	303568	99.667	ug/l		100
69) o-Xylene	10.622	106	147195	49.964	ug/l		100
70) Styrene	10.634	104	266941	51.713	ug/l		99
71) Bromoform	10.780	173	66977	54.809	ug/l	#	100
73) Isopropylbenzene	10.945	105	386794	49.390	ug/l		100
74) N-amyl acetate	10.823	43	162589	45.527	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	121967	51.476	ug/l		100
76) 1,2,3-Trichloropropane	11.219	75	95153m	45.623	ug/l		
77) Bromobenzene	11.177	156	95686	49.608	ug/l		97
78) n-propylbenzene	11.286	91	452552	48.883	ug/l		100
79) 2-Chlorotoluene	11.347	91	280600	49.487	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	316535	49.195	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	36535	44.672	ug/l		99
82) 4-Chlorotoluene	11.433	91	331598	49.516	ug/l		99
83) tert-Butylbenzene	11.695	119	328976	49.946	ug/l		97
84) 1,2,4-Trimethylbenzene	11.732	105	321834	49.336	ug/l		99
85) sec-Butylbenzene	11.872	105	383128	48.971	ug/l		100
86) p-Isopropyltoluene	11.988	119	320894	48.448	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	177485	49.540	ug/l		100
88) 1,4-Dichlorobenzene	12.018	146	180566	49.106	ug/l		99
89) n-Butylbenzene	12.311	91	293503	47.890	ug/l		98
90) Hexachloroethane	12.518	117	61089	52.533	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	171406	50.218	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	21991	45.842	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	104002	46.884	ug/l		99
94) Hexachlorobutadiene	13.707	225	34773	46.150	ug/l		99
95) Naphthalene	13.756	128	306217	45.333	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	97500	47.250	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048072.D
Acq On : 09 Oct 2025 09:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 01:15:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

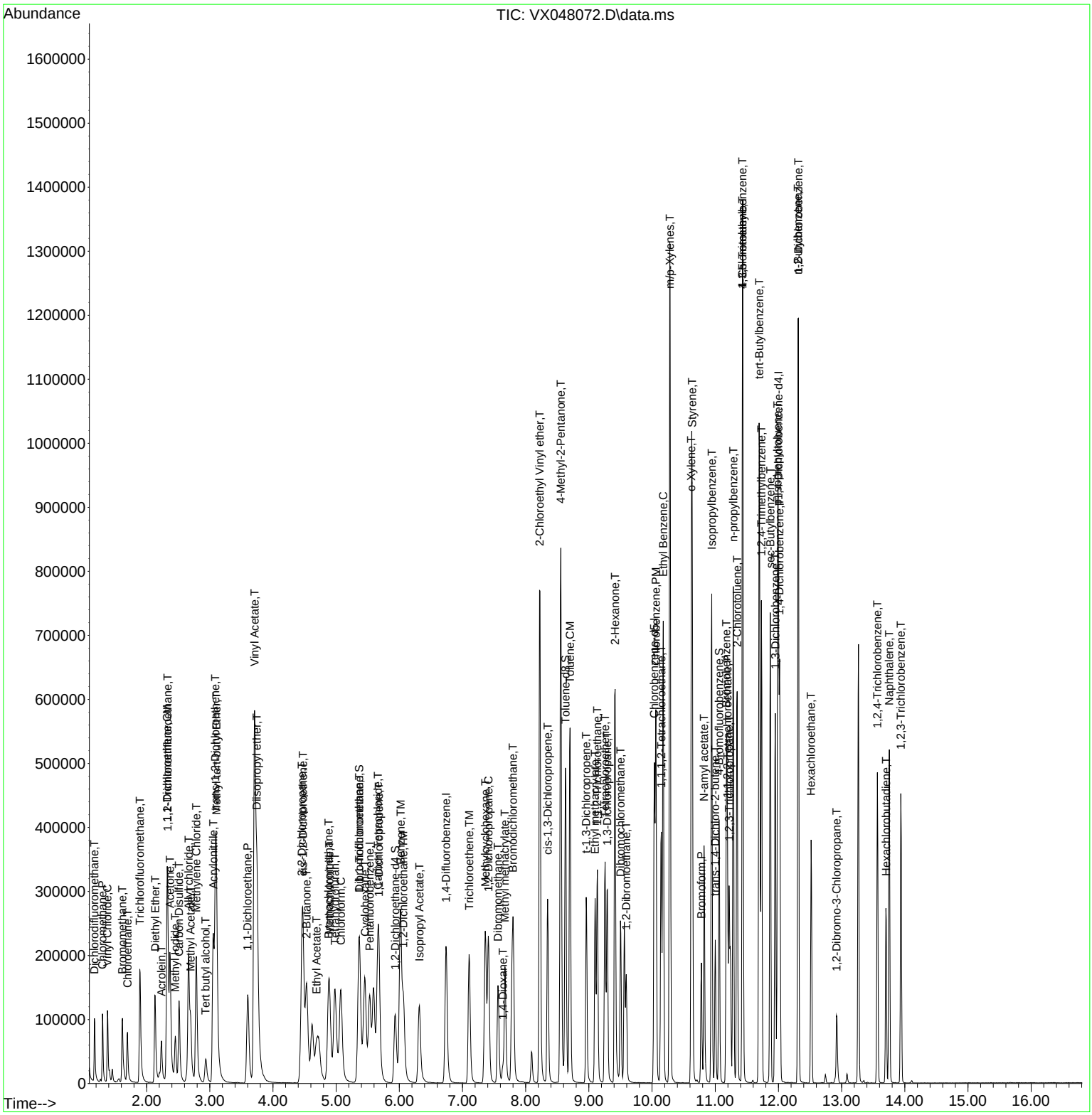
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048072.D
Acq On : 09 Oct 2025 09:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

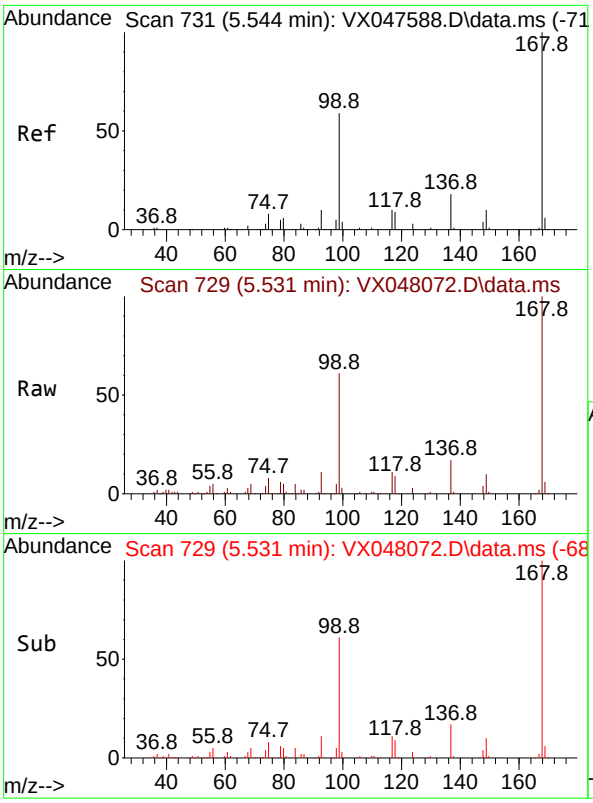
Quant Time: Oct 10 01:15:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

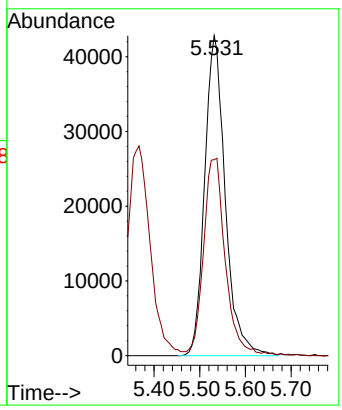




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:168 Resp: 13389

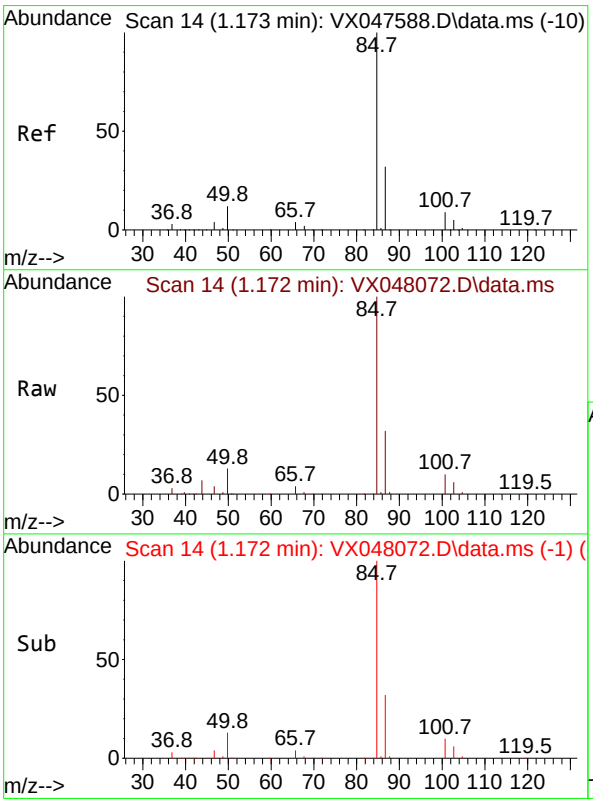
Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

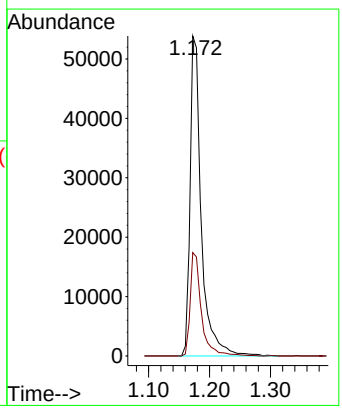
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

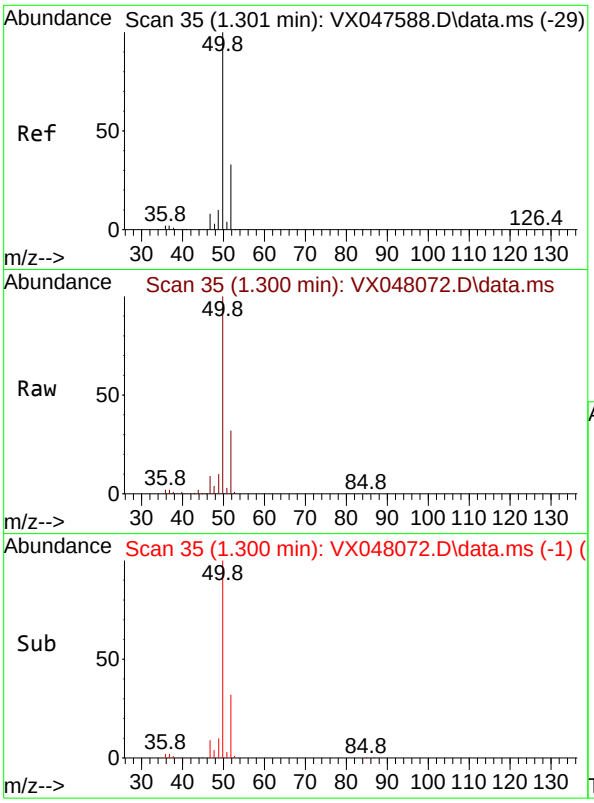


#2
Dichlorodifluoromethane
Concen: 49.589 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 85 Resp: 68753

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.8	47.3

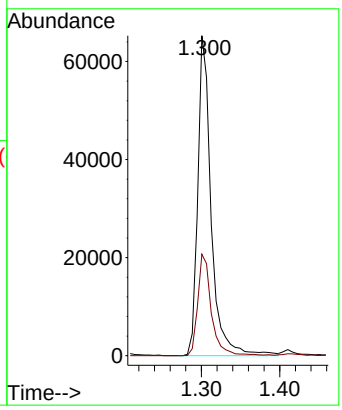




#3
Chloromethane
Concen: 42.725 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 50 Resp: 7785

Ion	Ratio	Lower	Upper
50	100		
52	31.7	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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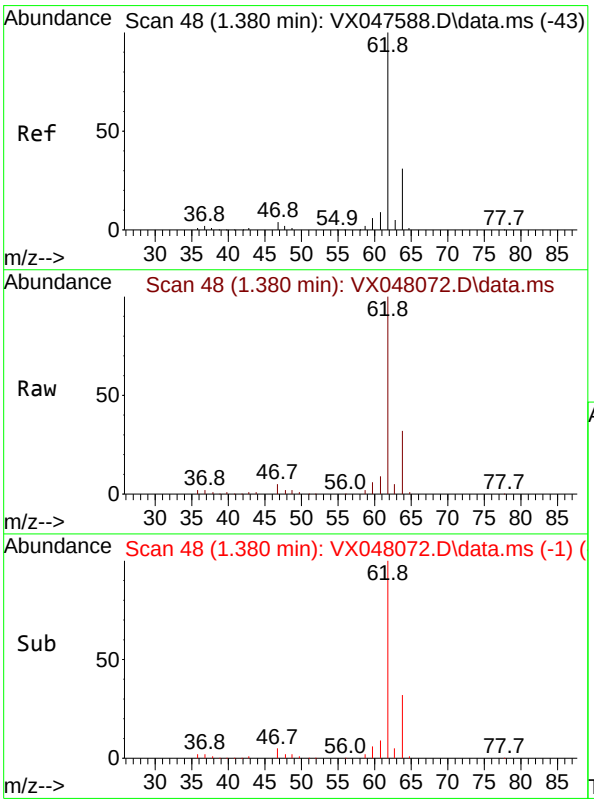
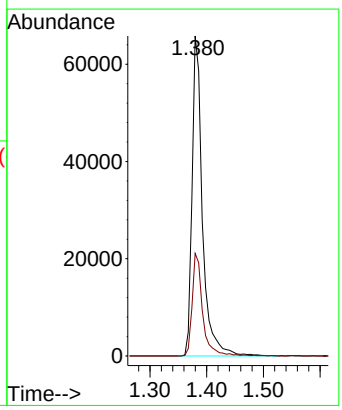
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

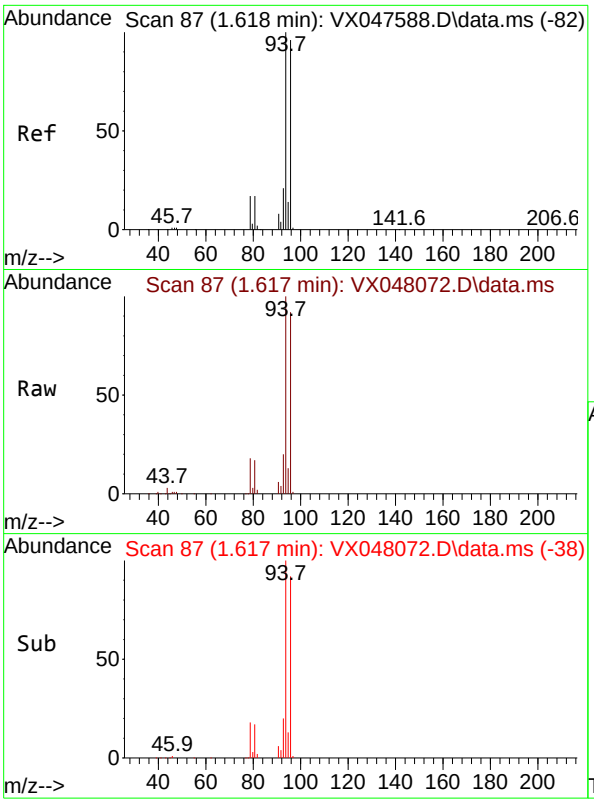


#4
Vinyl Chloride
Concen: 46.839 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 62 Resp: 83548

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3

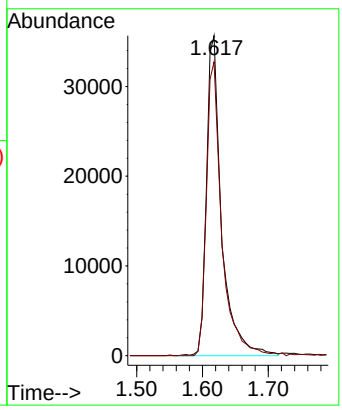




#5
Bromomethane
Concen: 50.297 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 94 Resp: 5689

Ion	Ratio	Lower	Upper
94	100		
96	91.8	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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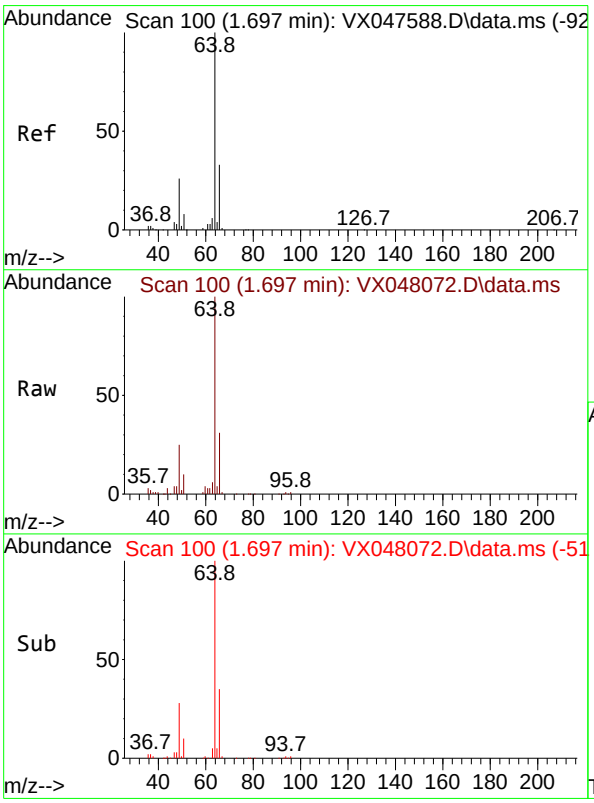
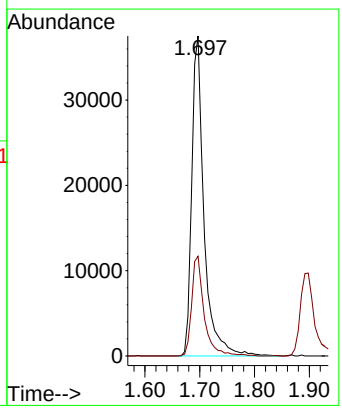
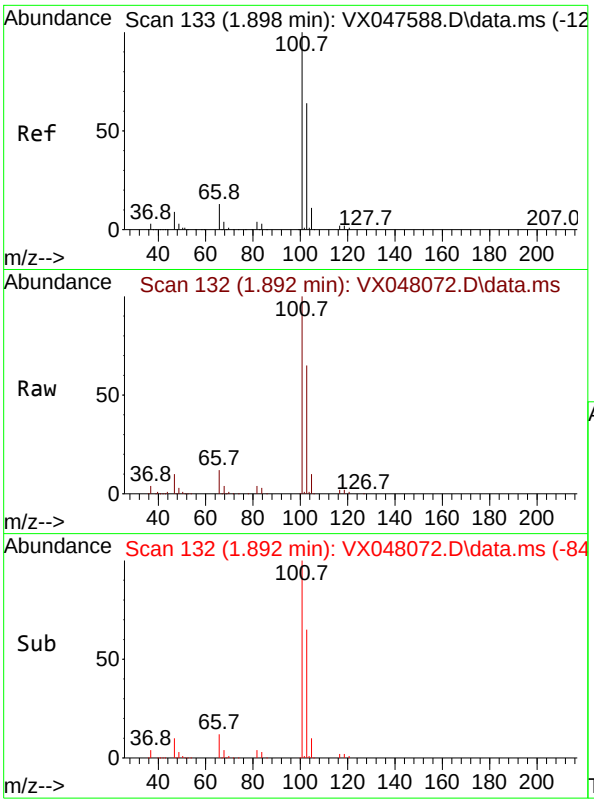


#6
Chloroethane
Concen: 49.006 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 64 Resp: 58424

Ion	Ratio	Lower	Upper
64	100		
66	31.2	26.1	39.1





#7
Trichlorofluoromethane
Concen: 52.705 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:101 Resp: 13958

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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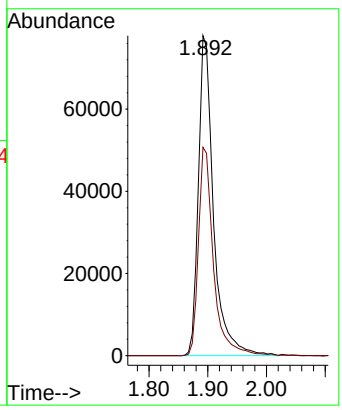
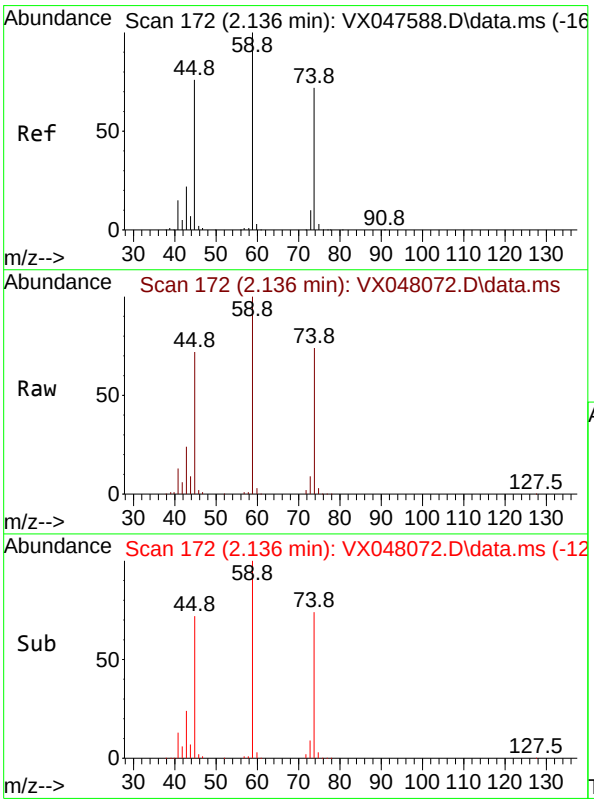
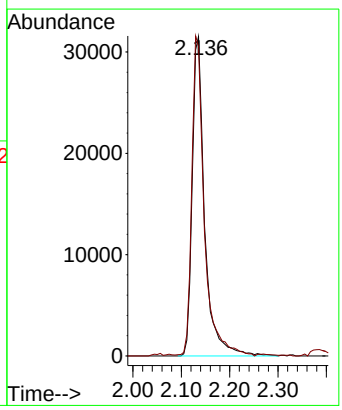


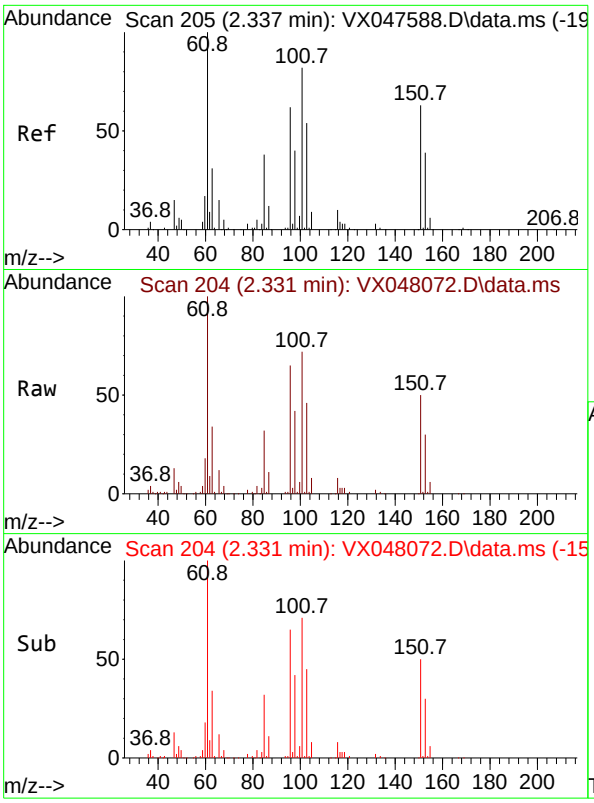


#8
Diethyl Ether
Concen: 51.785 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 74 Resp: 56104

Ion	Ratio	Lower	Upper
74	100		
45	101.1	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.613 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:101 Resp: 8302

Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.5	53.3
151	72.3	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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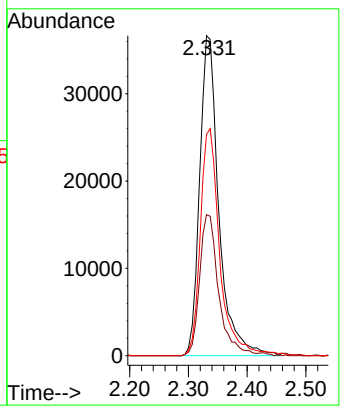
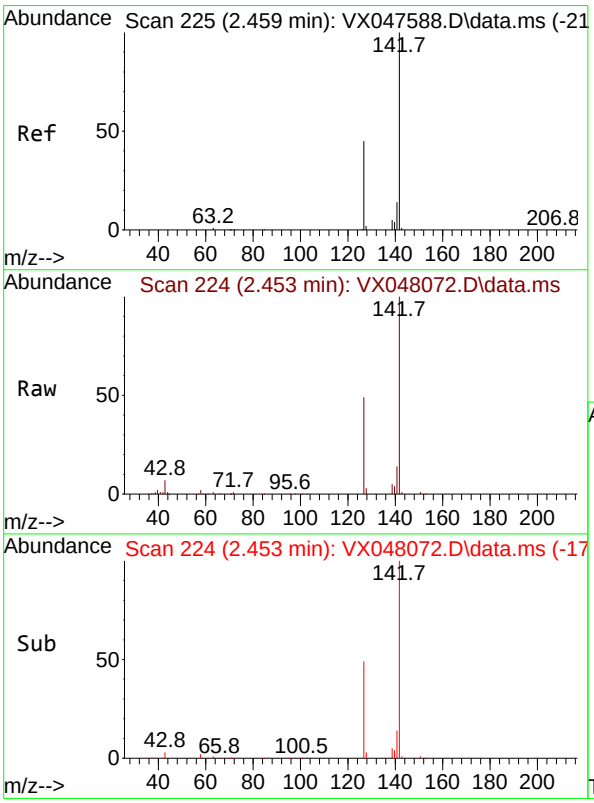
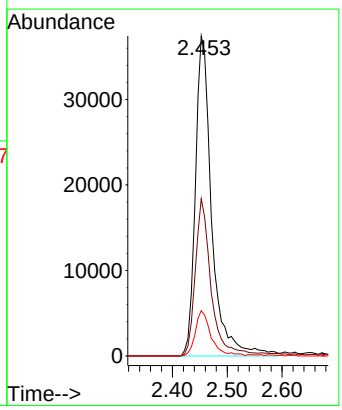


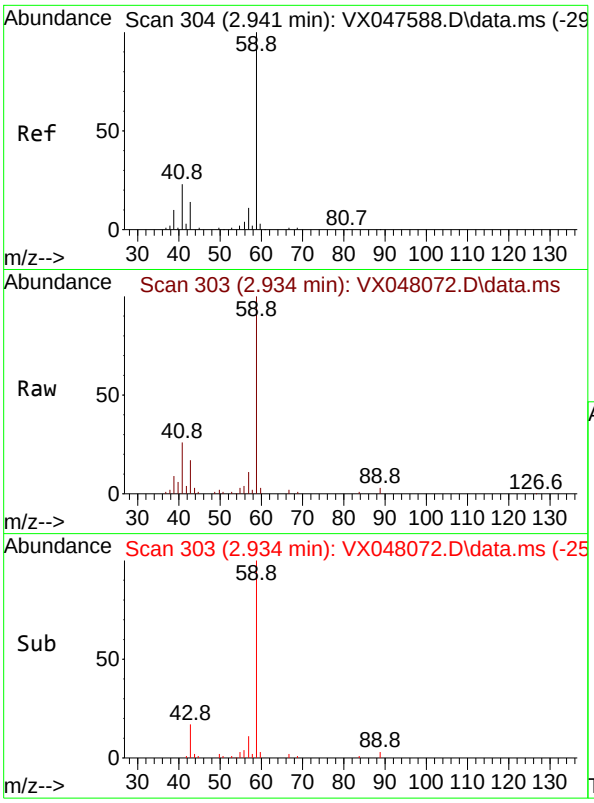


#10
Methyl Iodide
Concen: 32.273 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:142 Resp: 77947

Ion	Ratio	Lower	Upper
142	100		
127	47.1	37.2	55.8
141	13.6	11.4	17.0

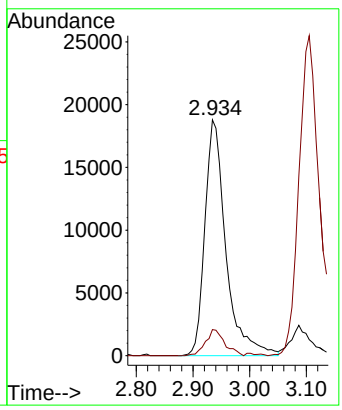




#11
Tert butyl alcohol
Concen: 203.758 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 59 Resp: 4836

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5



Instrument :
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ClientSampleId :
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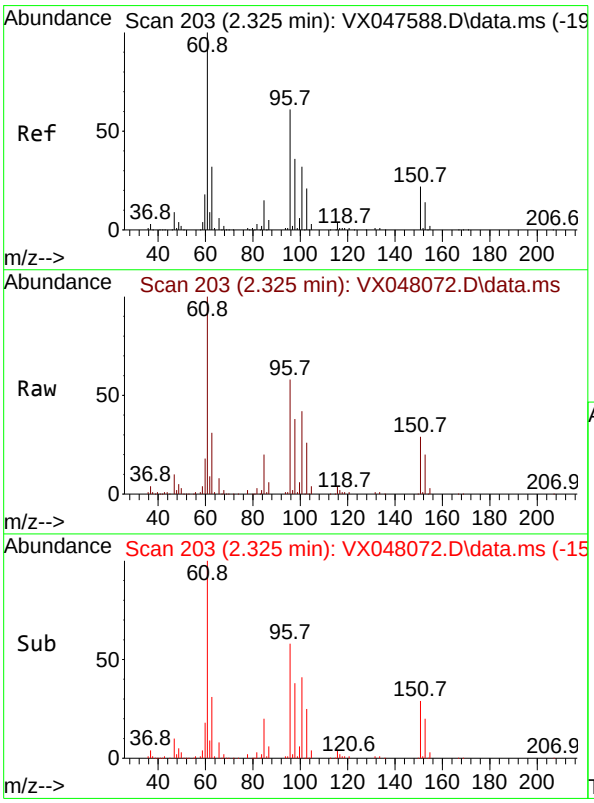
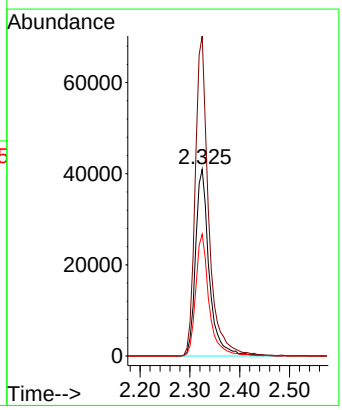
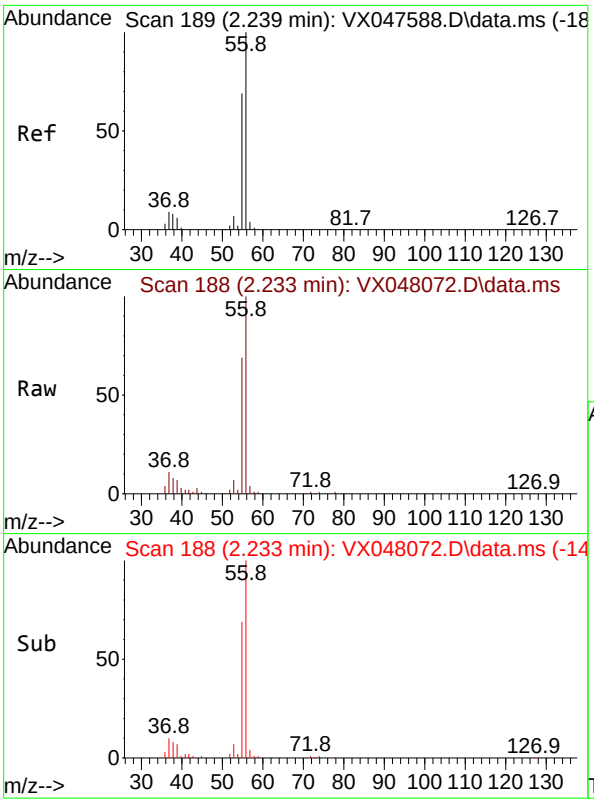


#12
1,1-Dichloroethene
Concen: 49.038 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 96 Resp: 78008

Ion	Ratio	Lower	Upper
96	100		
61	171.4	131.0	196.6
98	65.2	47.7	71.5





#13
Acrolein
Concen: 243.432 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 56 Resp: 5324

Ion	Ratio	Lower	Upper
56	100		
55	71.0	57.2	85.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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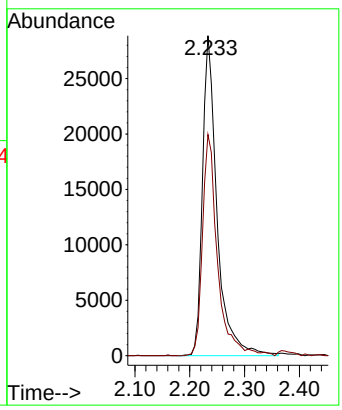
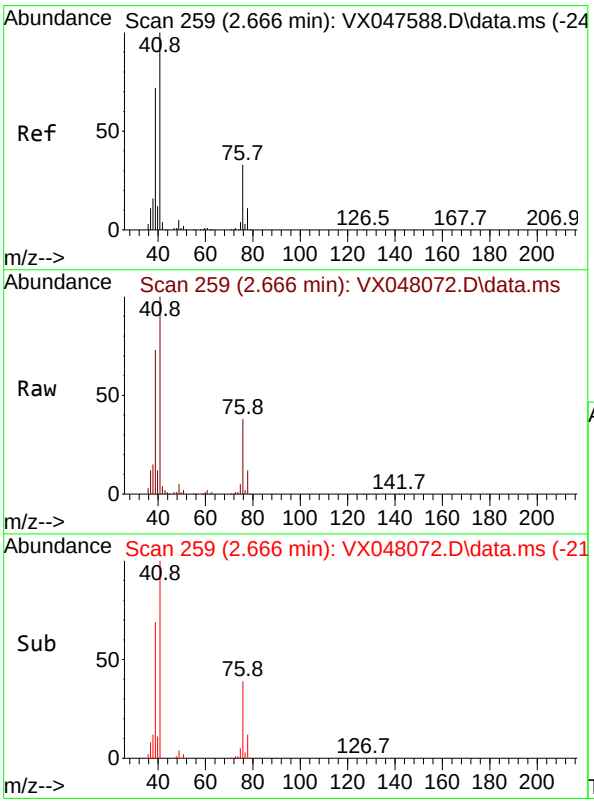
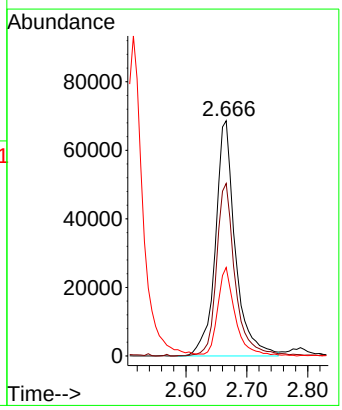


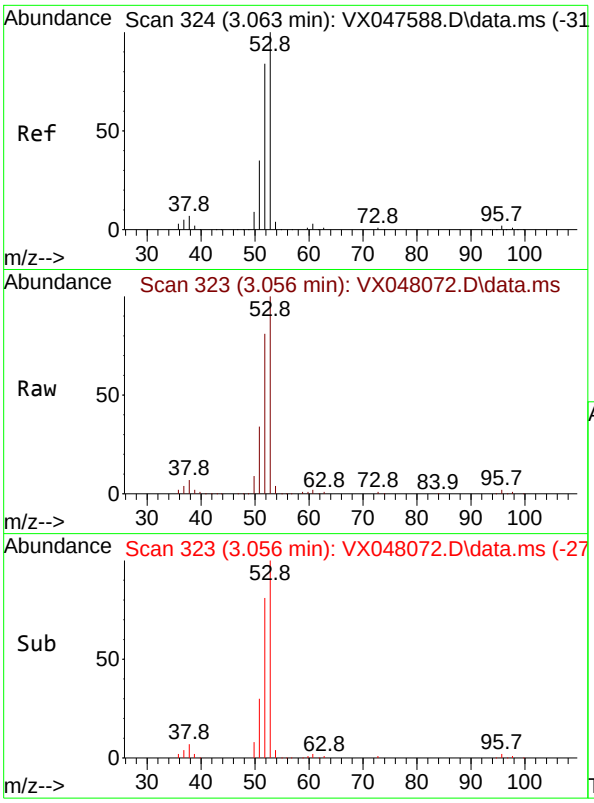


#14
Allyl chloride
Concen: 47.422 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 41 Resp: 155668

Ion	Ratio	Lower	Upper
41	100		
39	69.4	54.7	82.1
76	33.2	25.7	38.5

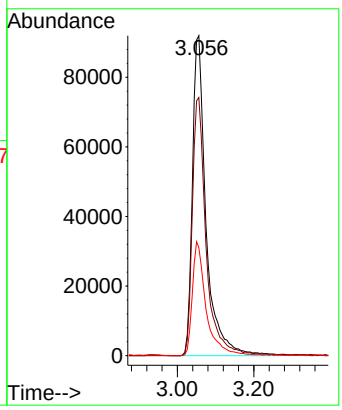




#15
Acrylonitrile
Concen: 259.244 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 53 Resp: 22792

Ion	Ratio	Lower	Upper
53	100		
52	81.1	66.4	99.6
51	36.1	29.5	44.3



Instrument :
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ClientSampleId :
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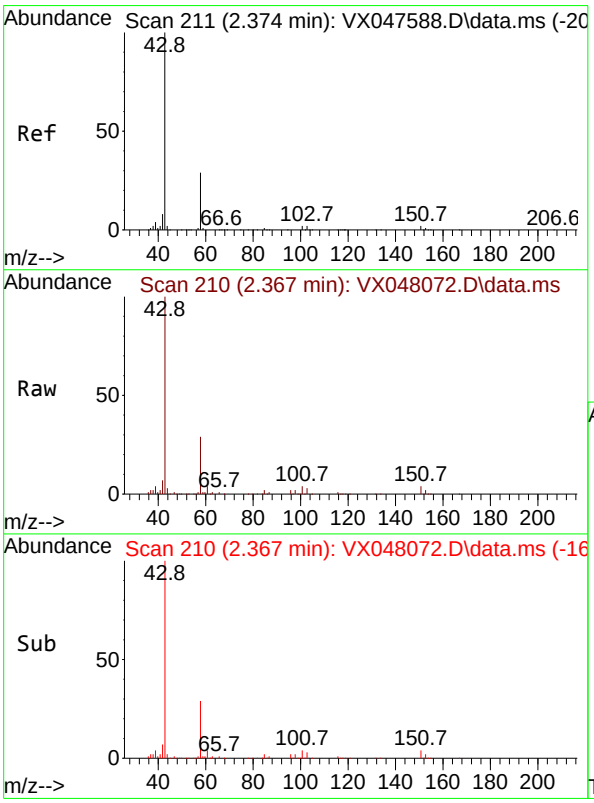
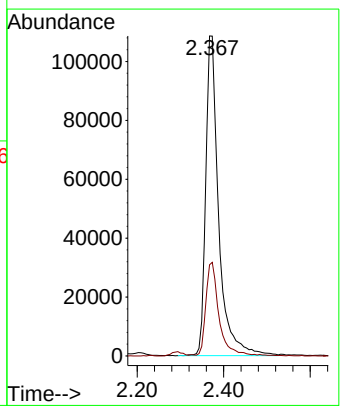
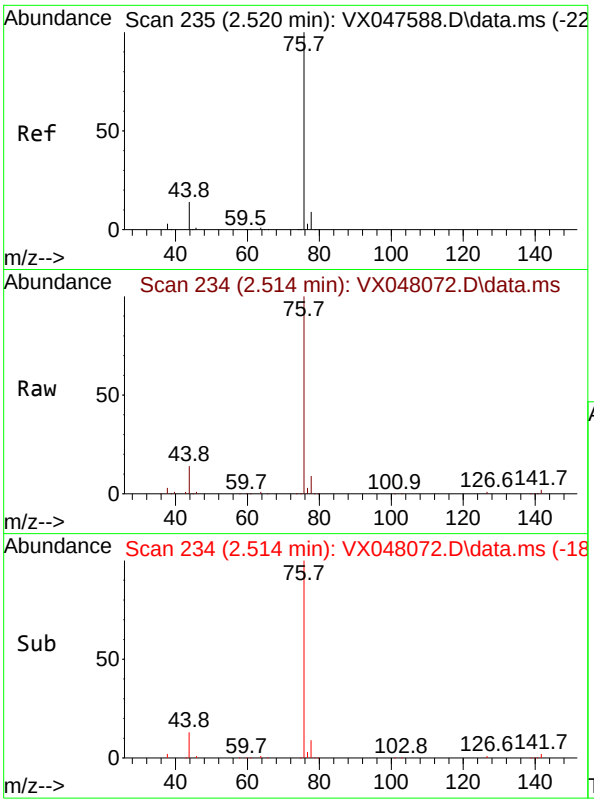


#16
Acetone
Concen: 243.822 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 225939

Ion	Ratio	Lower	Upper
43	100		
58	28.4	23.4	35.0





#17
Carbon Disulfide
Concen: 40.392 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 76 Resp: 17590

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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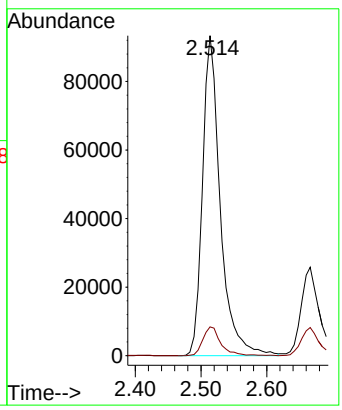
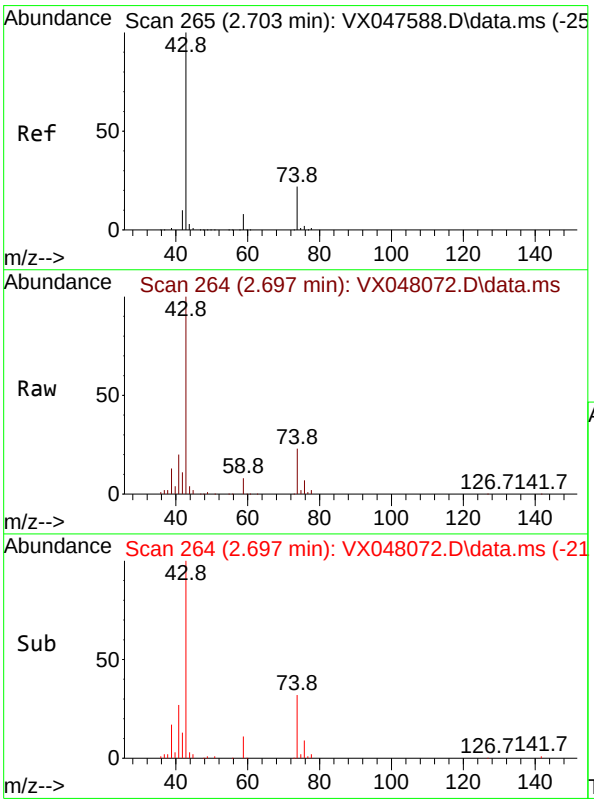
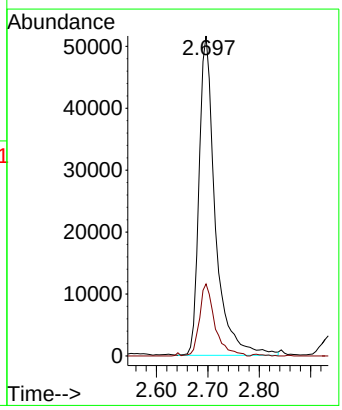


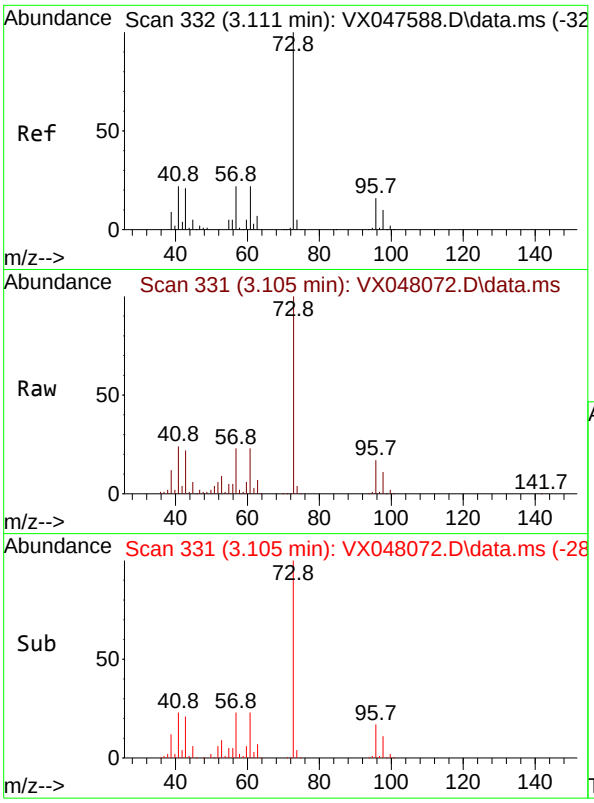


#18
Methyl Acetate
Concen: 54.707 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 112820

Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.4	26.2

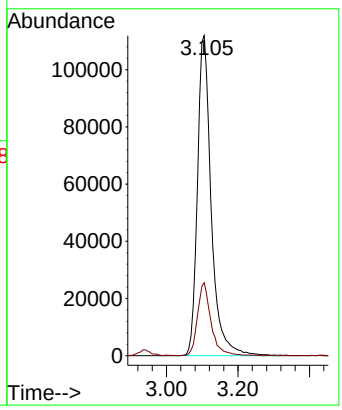




#19
Methyl tert-butyl Ether
Concen: 51.483 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 73 Resp: 29896

Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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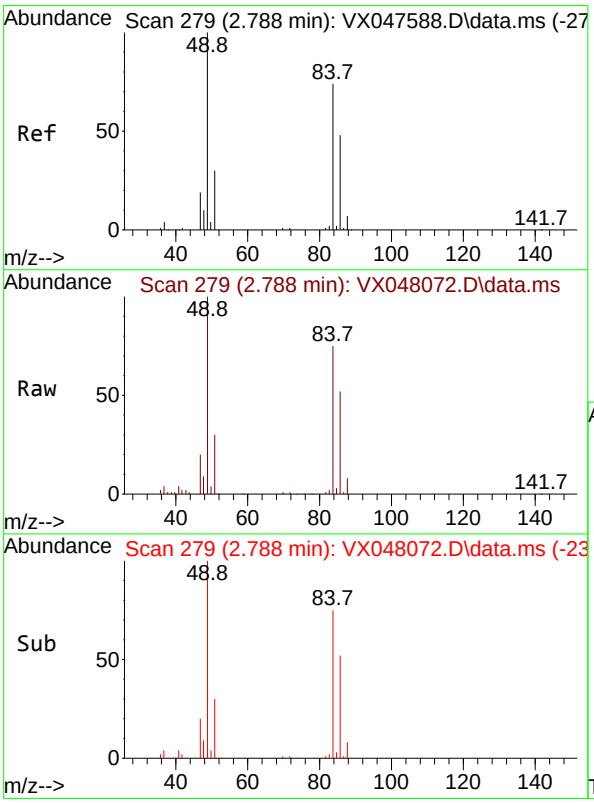
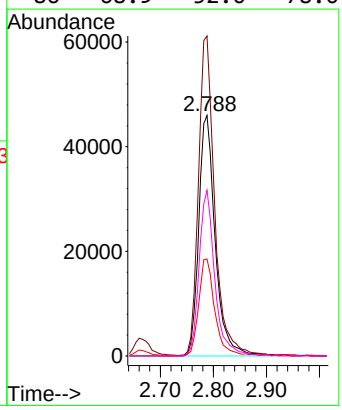
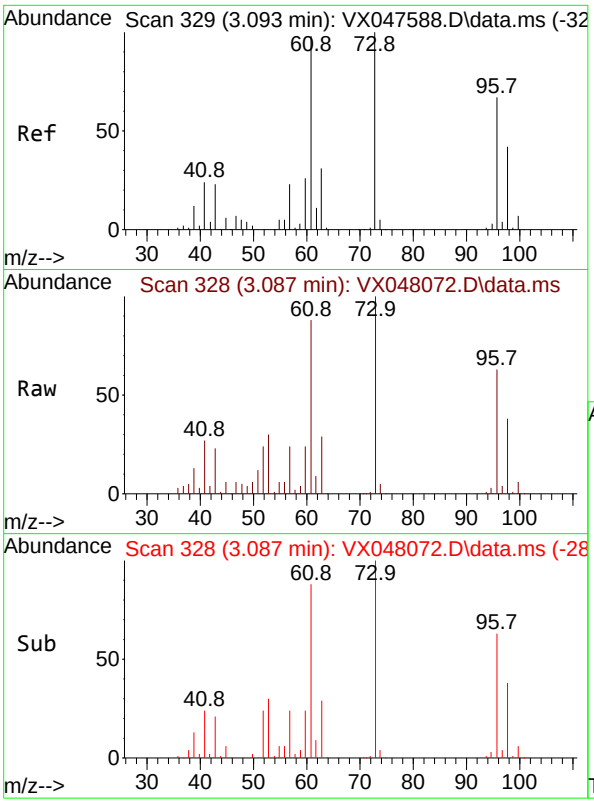


#20
Methylene Chloride
Concen: 50.689 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 84 Resp: 99425

Ion	Ratio	Lower	Upper
84	100		
49	132.9	108.6	162.8
51	40.3	32.6	48.8
86	68.9	52.0	78.0

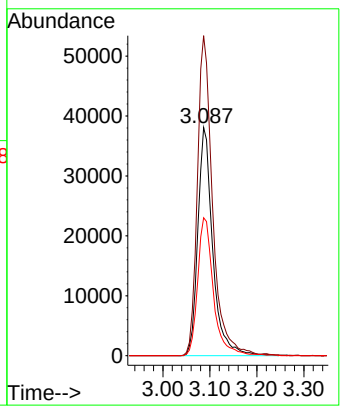




#21
trans-1,2-Dichloroethene
Concen: 49.217 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 96 Resp: 8429

Ion	Ratio	Lower	Upper
96	100		
61	140.3	116.2	174.2
98	60.5	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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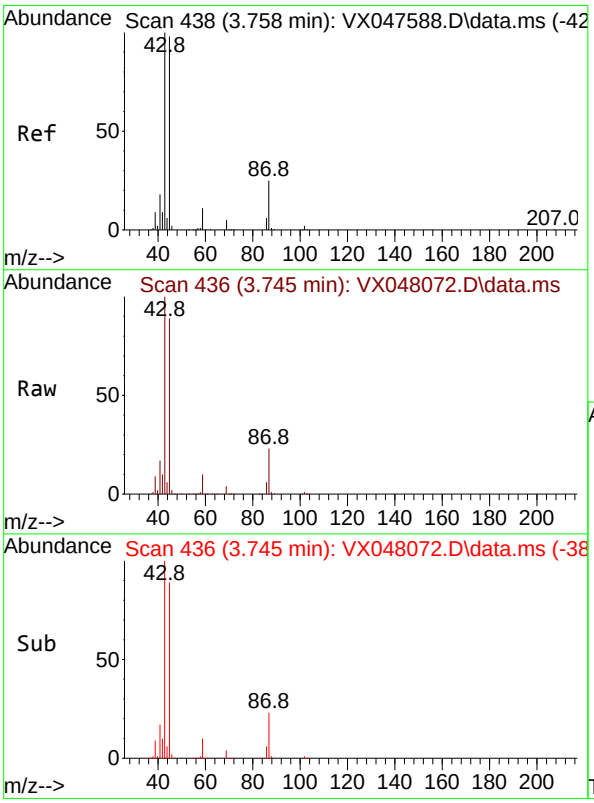
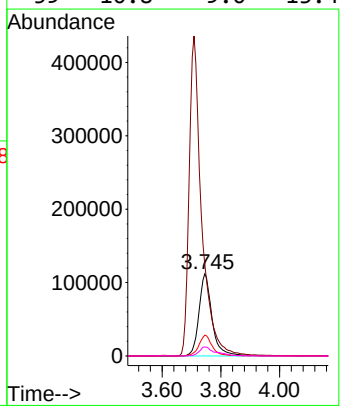
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

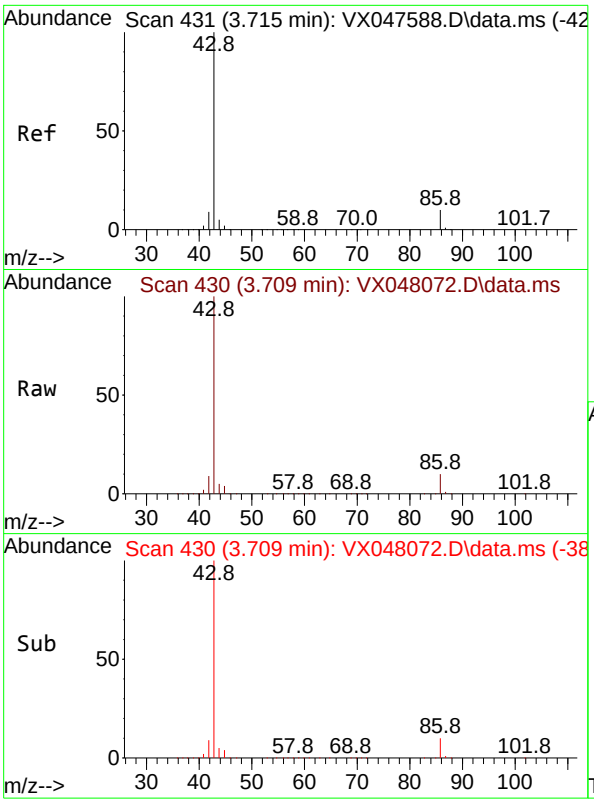


#22
Diisopropyl ether
Concen: 54.272 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 45 Resp: 345267

Ion	Ratio	Lower	Upper
45	100		
43	111.8	81.0	121.4
87	25.3	20.3	30.5
59	10.8	9.0	13.4





#23
Vinyl Acetate
Concen: 254.054 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 129354

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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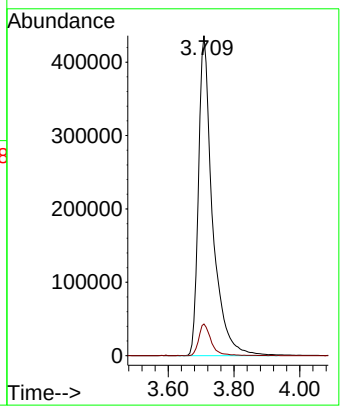
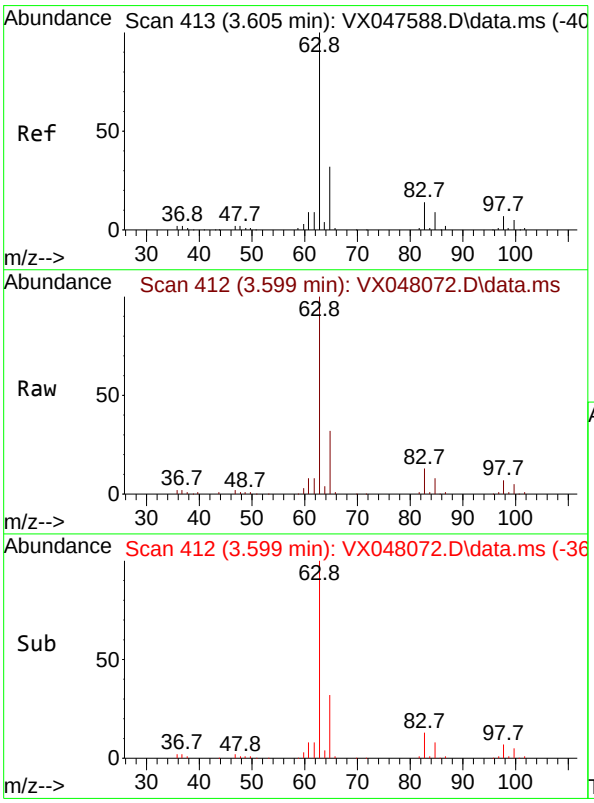
Supervised By :Mahesh Dadoda 10/10/2025

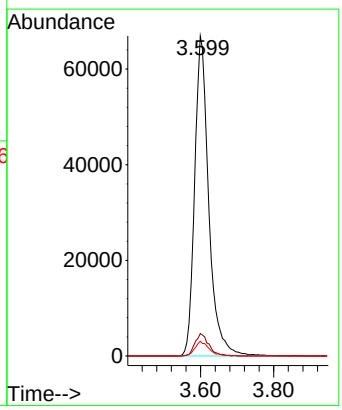


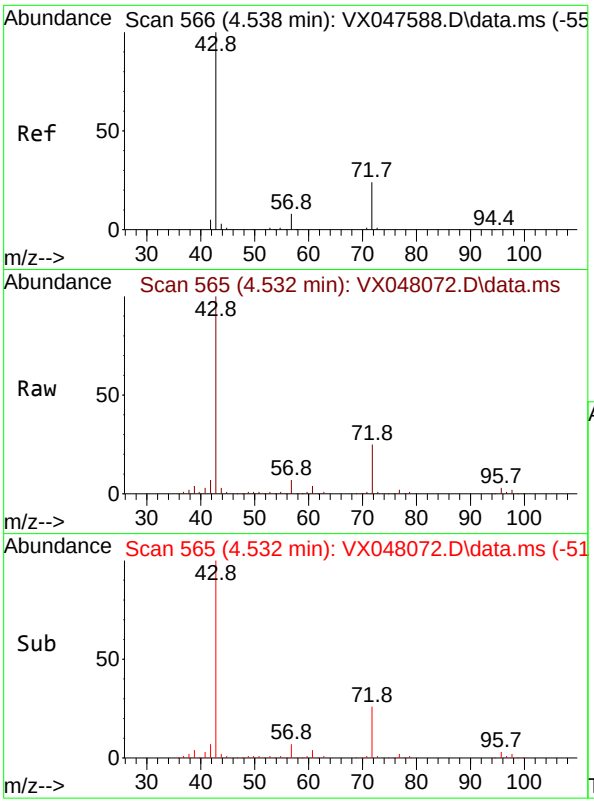


#24
1,1-Dichloroethane
Concen: 53.170 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 63 Resp: 179784

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.2
100	4.8	2.3	6.9





#25
2-Butanone
Concen: 239.067 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 27633

Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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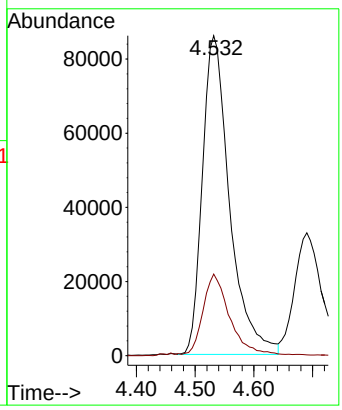
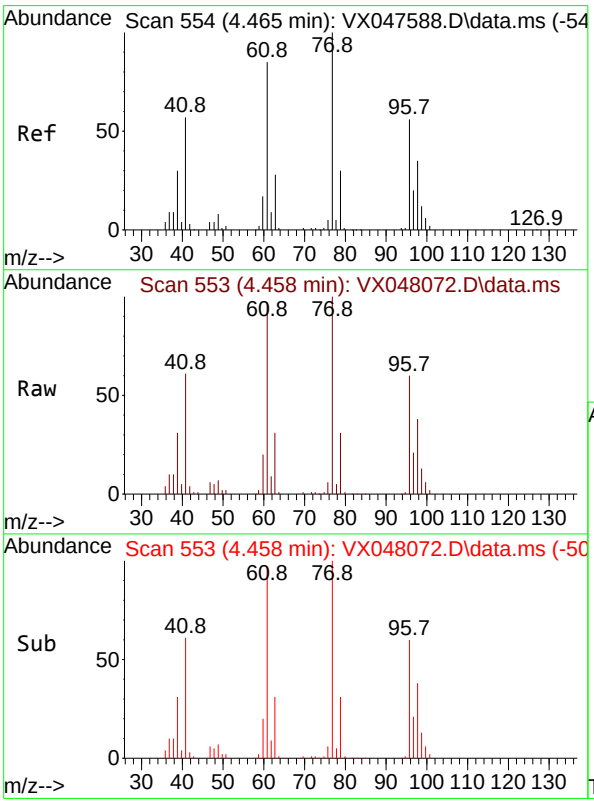
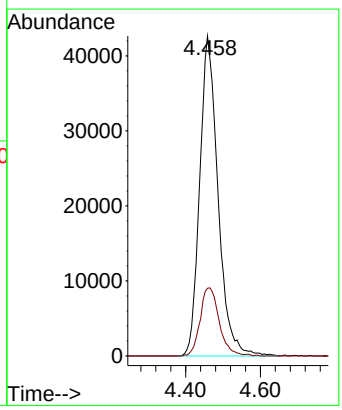


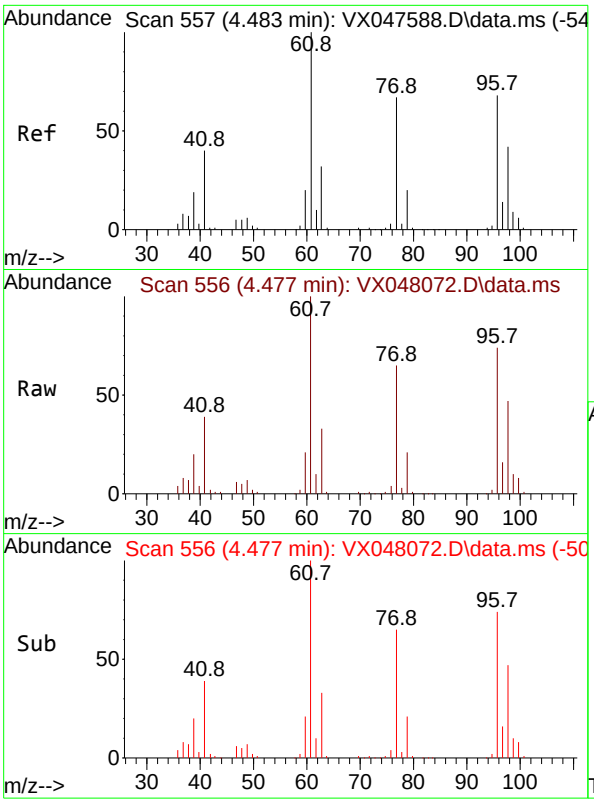


#26
2,2-Dichloropropane
Concen: 51.551 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 77 Resp: 144896

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.9	32.7





#27
cis-1,2-Dichloroethene
Concen: 51.774 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 96 Resp: 10859

Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	303.2
98	63.7	0.0	127.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 10/10/2025
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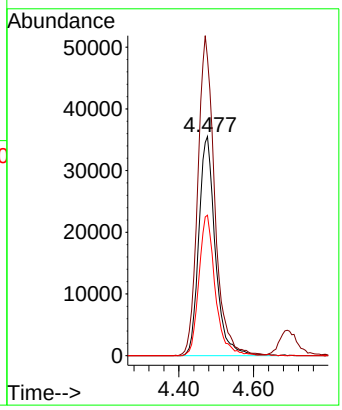
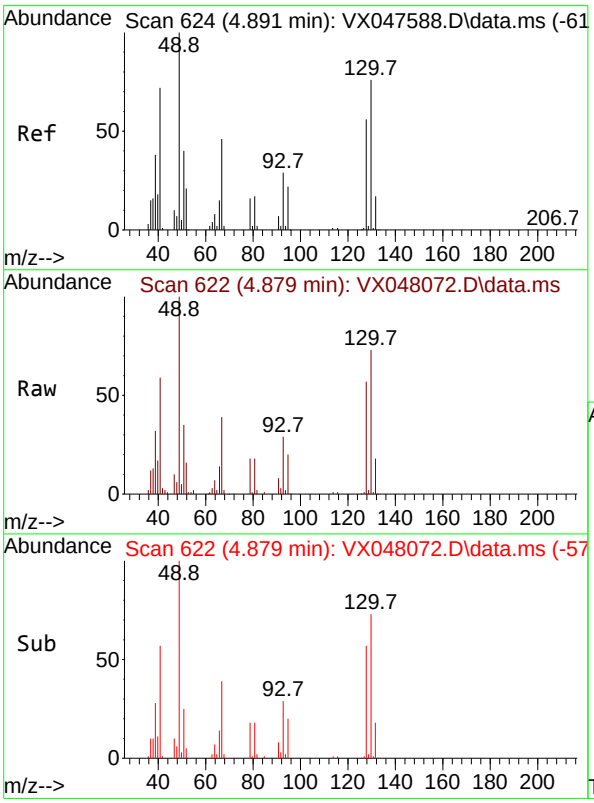
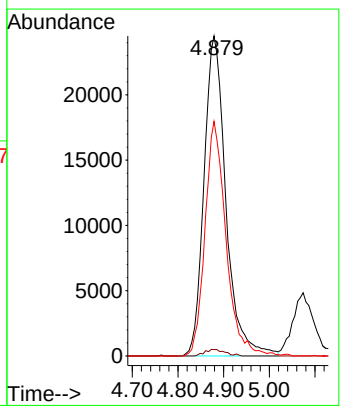


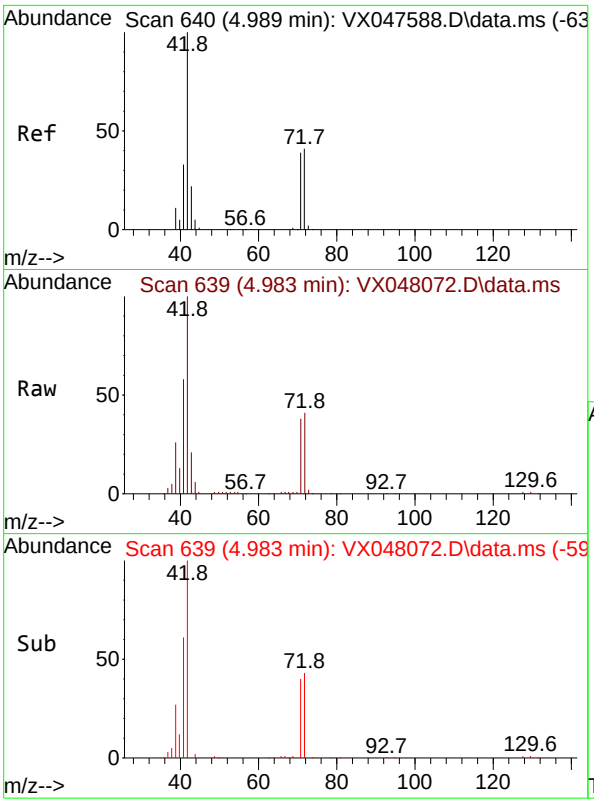


#28
Bromochloromethane
Concen: 55.247 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 49 Resp: 81555

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	70.4	57.8	86.8





#29
Tetrahydrofuran
Concen: 224.312 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 42 Resp: 15597

Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.2	51.2
71	39.9	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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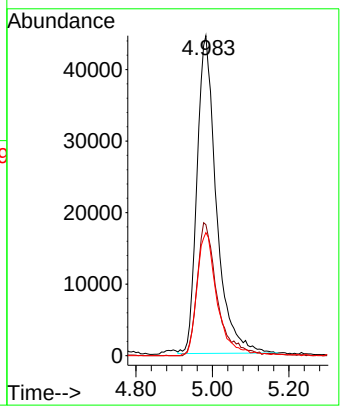
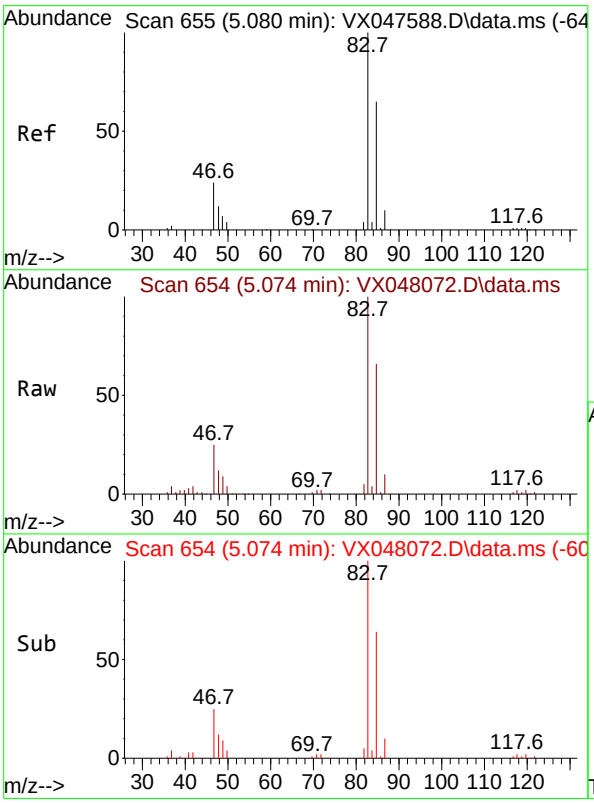
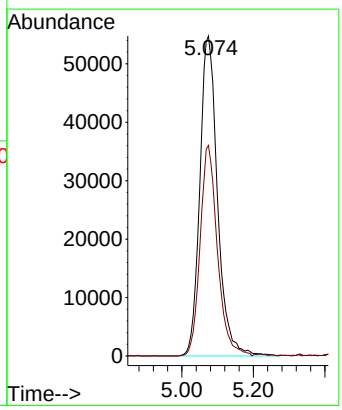


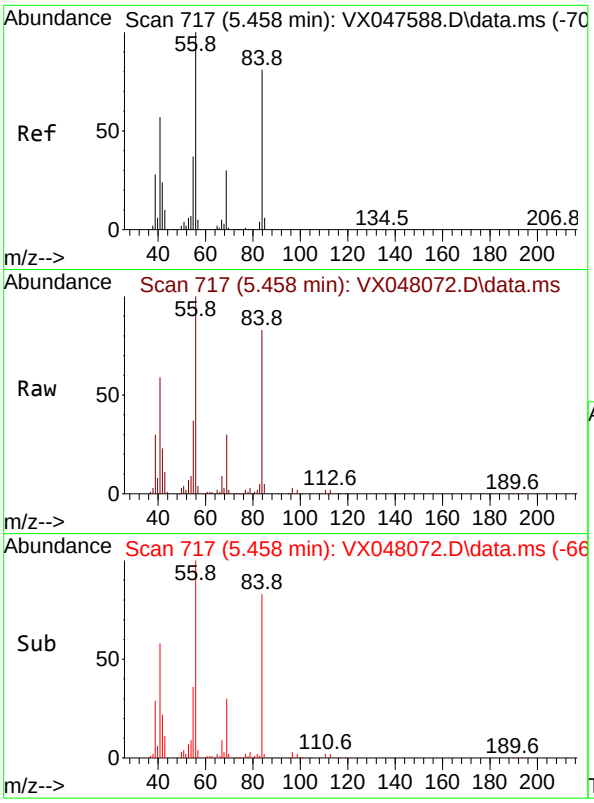


#30
Chloroform
Concen: 55.097 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 83 Resp: 188262

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.8	77.6

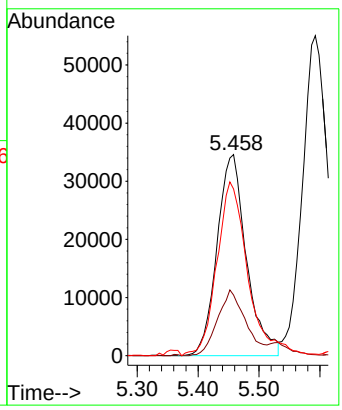




#31
Cyclohexane
Concen: 41.104 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 56 Resp: 11575

Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.8	35.8
84	80.3	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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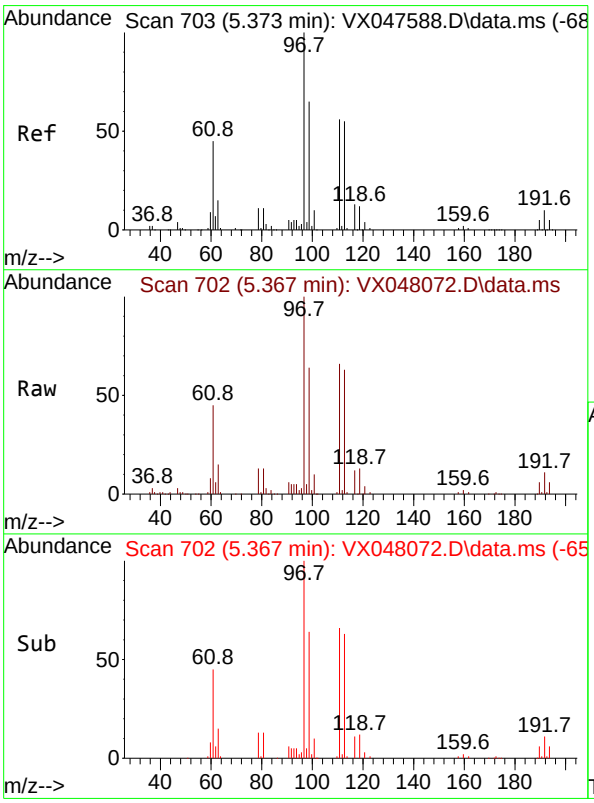
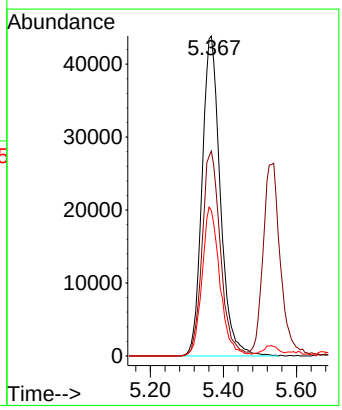
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

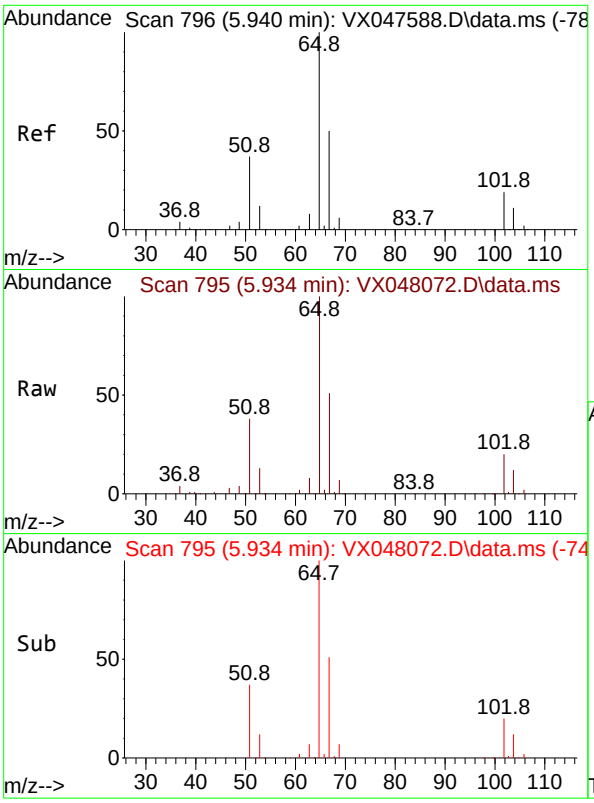


#32
1,1,1-Trichloroethane
Concen: 52.303 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 97 Resp: 151590

Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.6	76.0
61	45.3	35.8	53.8

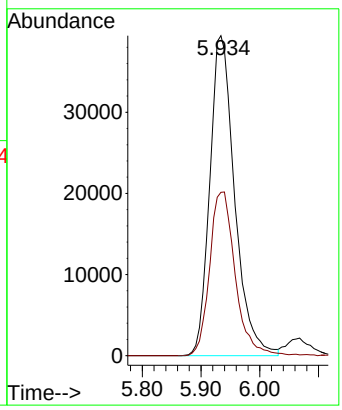




#33
1,2-Dichloroethane-d4
Concen: 54.510 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 65 Resp: 11617

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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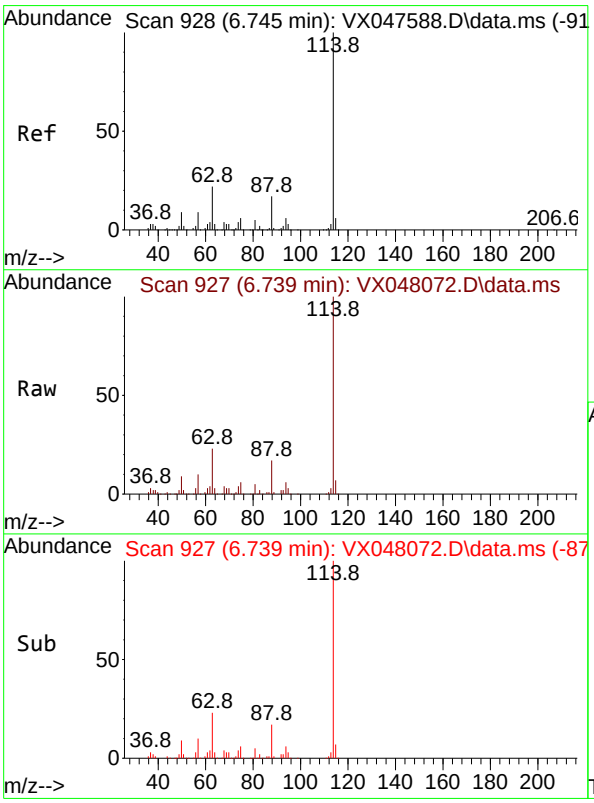
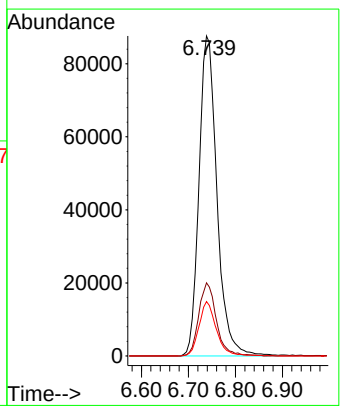
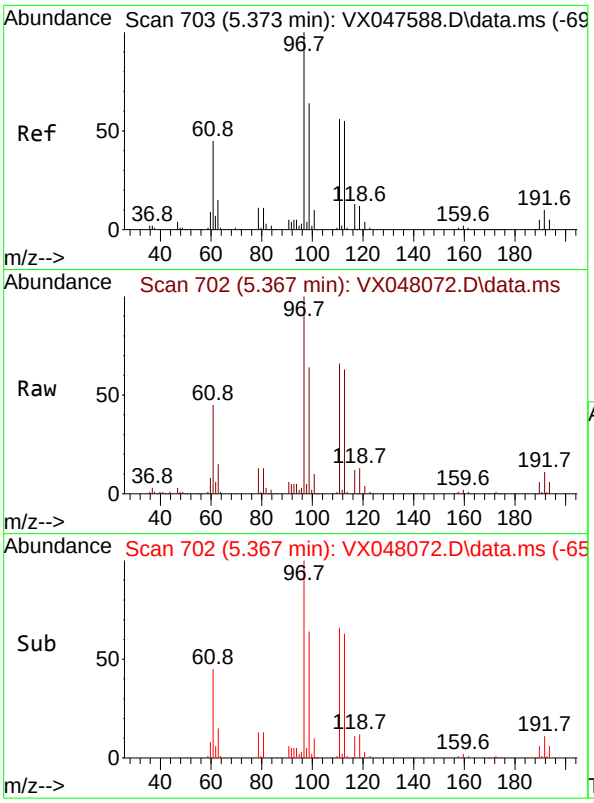


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:114 Resp: 232812

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	17.0	0.0	34.2

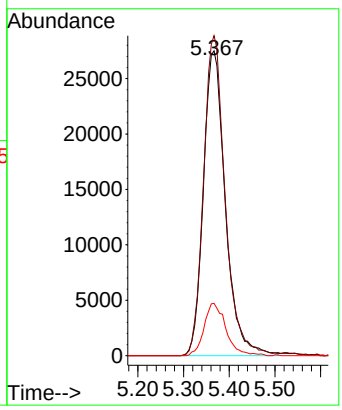




#35
Dibromofluoromethane
Concen: 58.882 ug/l
RT: 5.367 min Scan# 7(
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:113 Resp: 9193(

Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.9	121.3
192	17.1	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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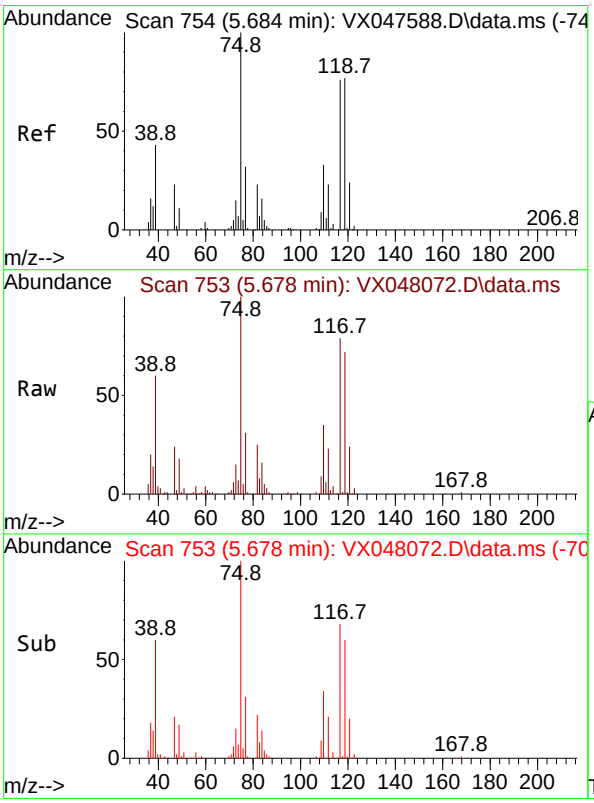
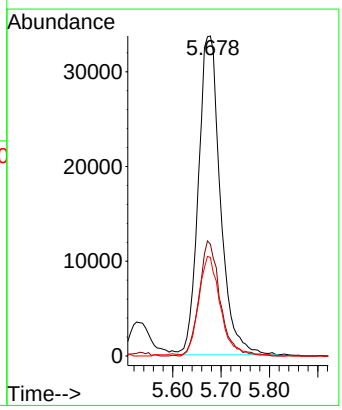
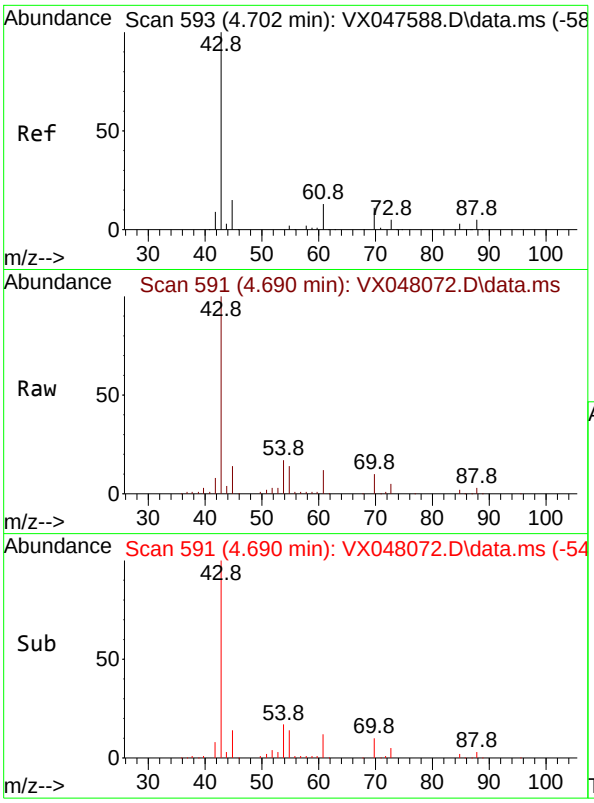


#36
1,1-Dichloropropene
Concen: 46.521 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 106138

Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.7	50.1
77	30.1	24.3	36.5





#37
Ethyl Acetate
Concen: 45.971 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 11230

Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.8	14.8
70	9.8	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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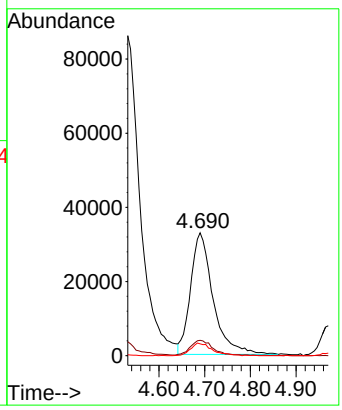
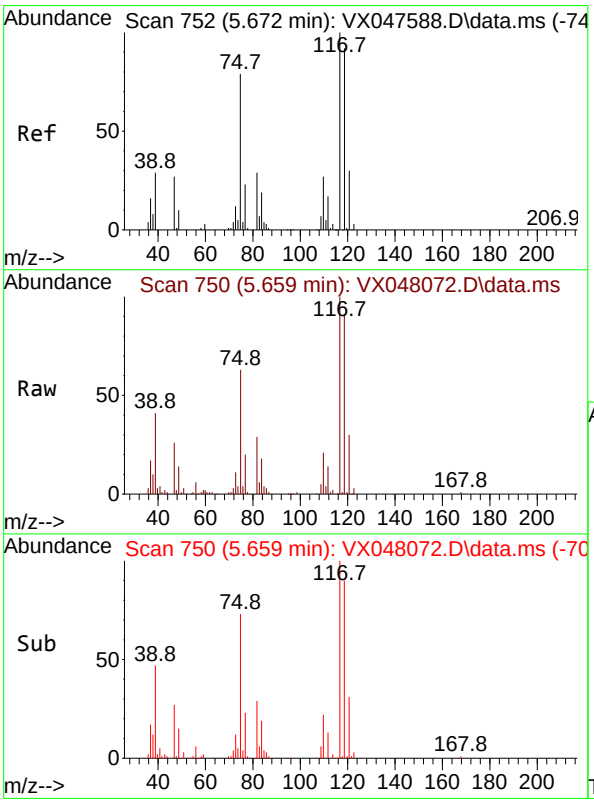
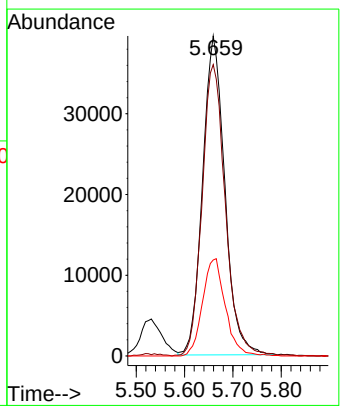


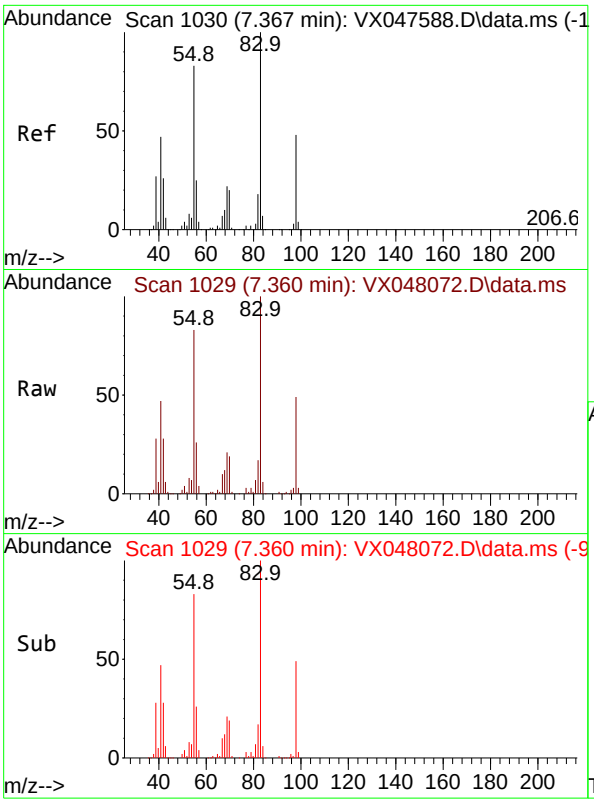


#38
Carbon Tetrachloride
Concen: 50.811 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:117 Resp: 125955

Ion	Ratio	Lower	Upper
117	100		
119	91.2	73.4	110.2
121	30.1	23.8	35.6





#39
Methylcyclohexane
Concen: 42.557 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 83 Resp: 11021

Ion	Ratio	Lower	Upper
83	100		
55	82.9	66.4	99.6
98	48.5	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 10/10/2025
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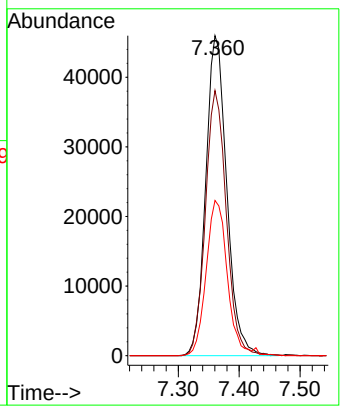
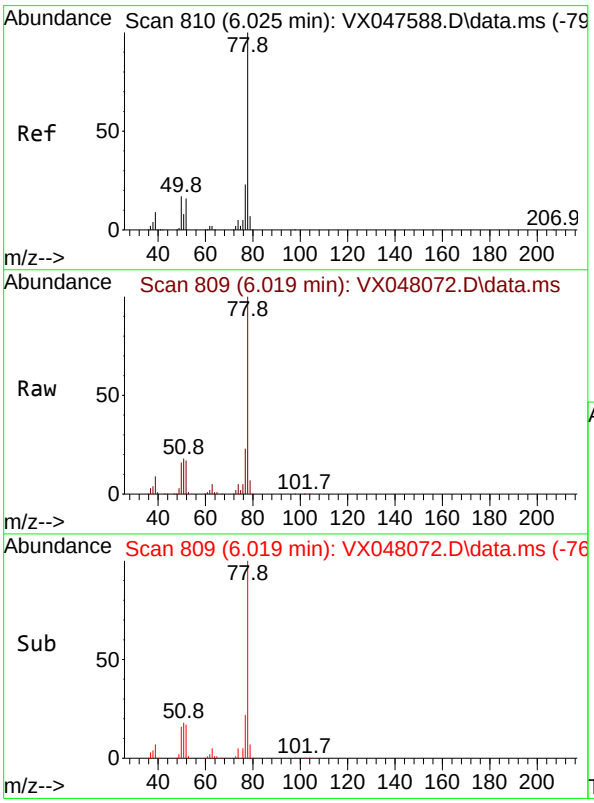
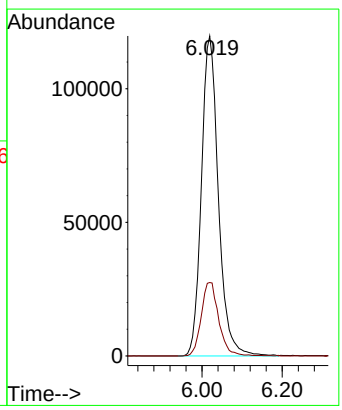


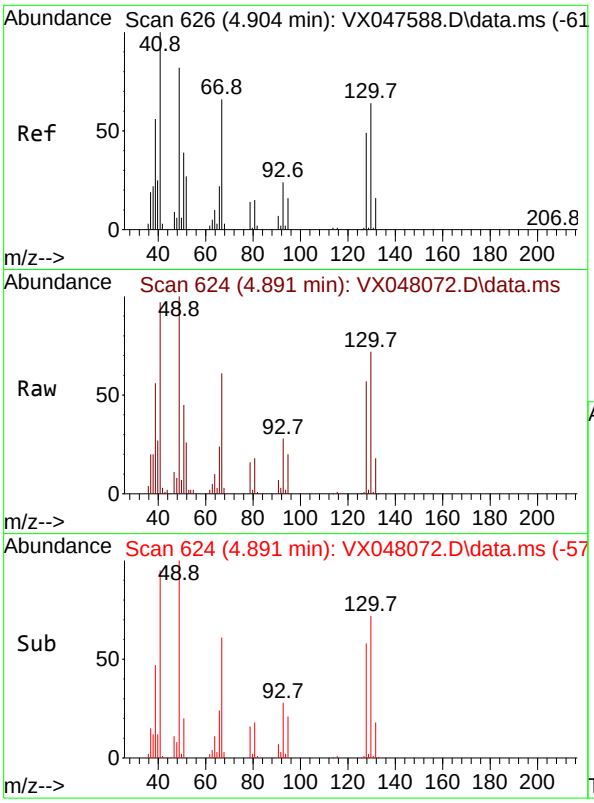


#40
Benzene
Concen: 50.695 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 78 Resp: 351292

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2

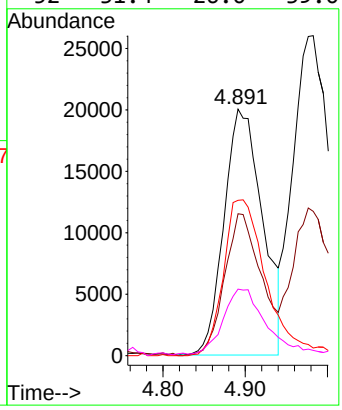




#41
Methacrylonitrile
Concen: 51.630 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 41 Resp: 6511

Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.3	64.9
67	71.6	58.6	87.8
52	31.4	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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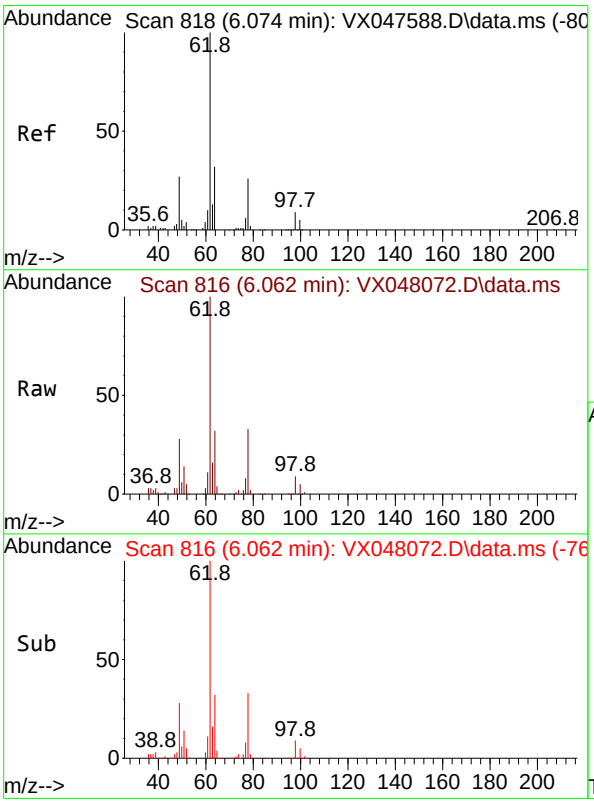
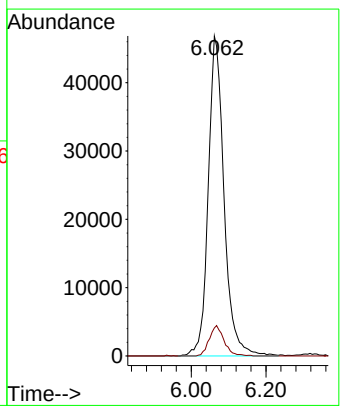
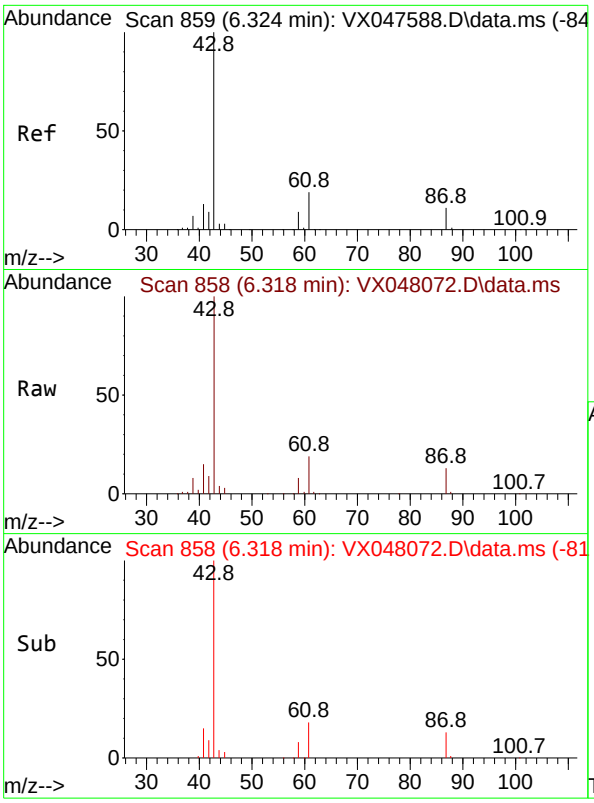


#42
1,2-Dichloroethane
Concen: 52.161 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 62 Resp: 137528

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.0





#43
Isopropyl Acetate
Concen: 47.447 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 19009

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	12.4	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
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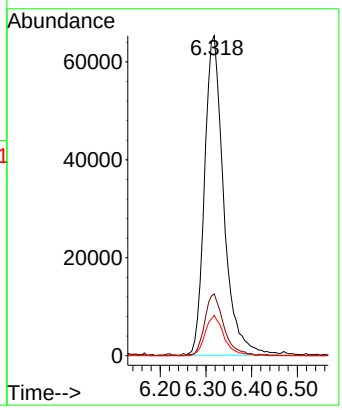
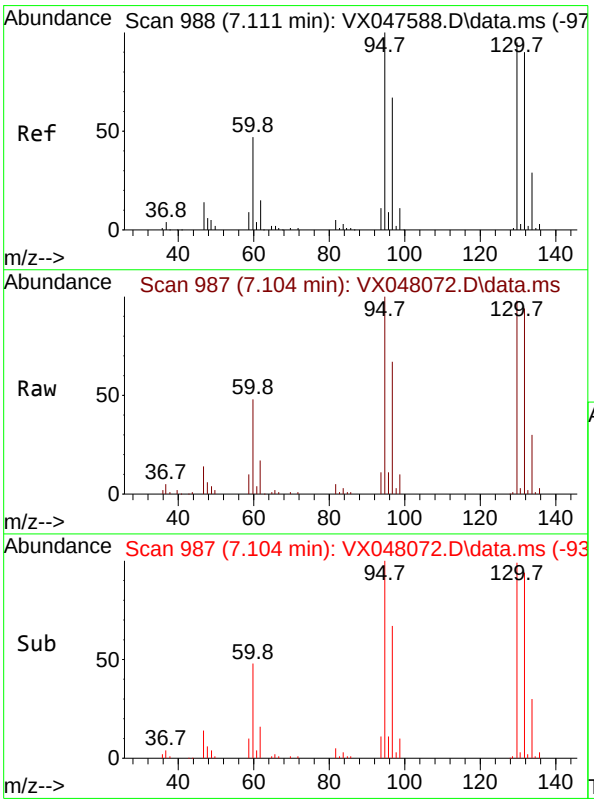
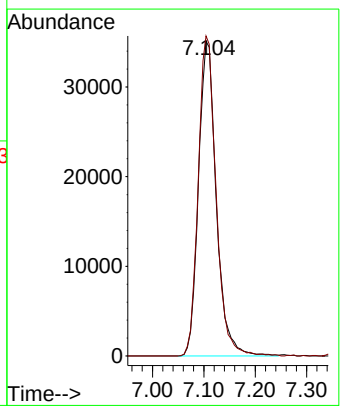


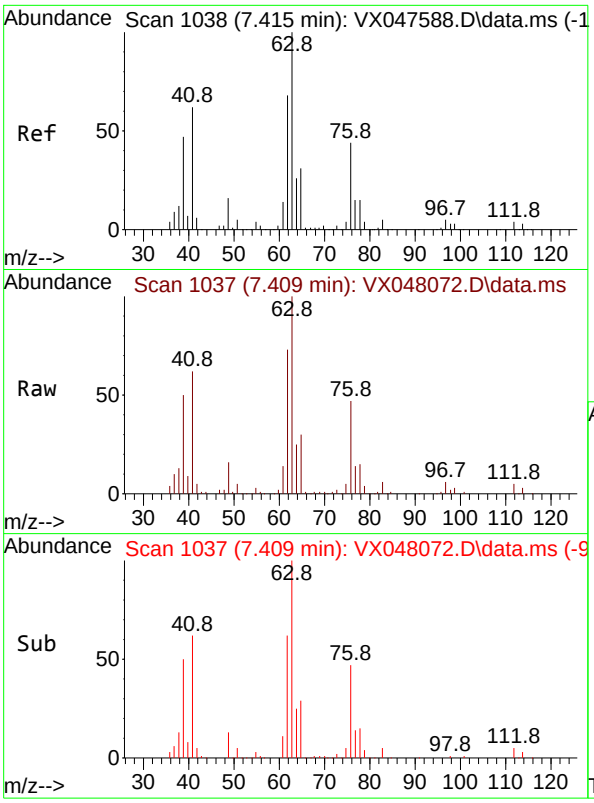


#44
Trichloroethene
Concen: 50.345 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:130 Resp: 84344

Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	210.8

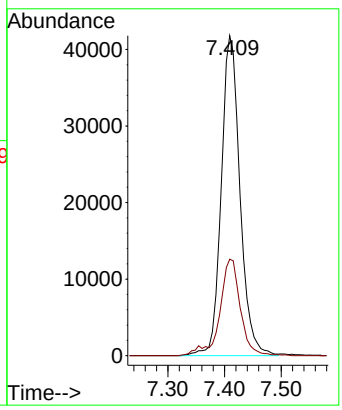




#45
1,2-Dichloropropane
Concen: 54.087 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 63 Resp: 9597

Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
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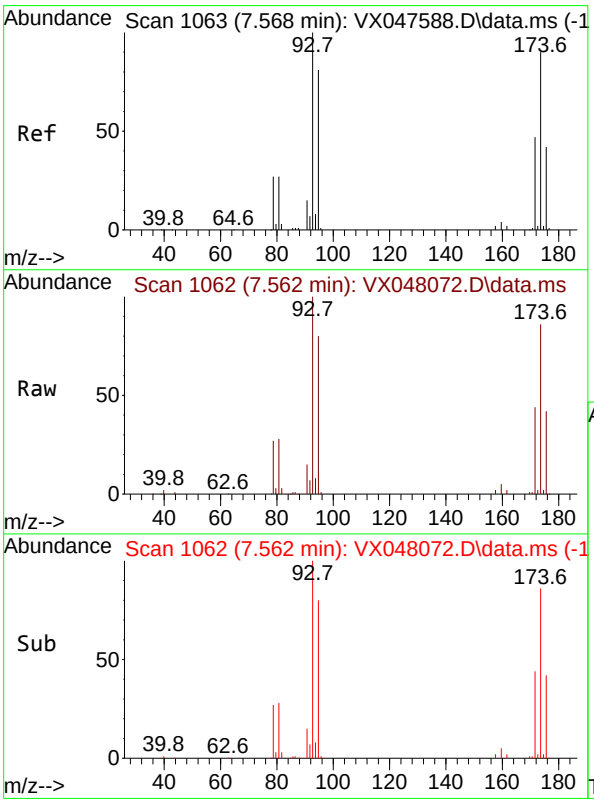
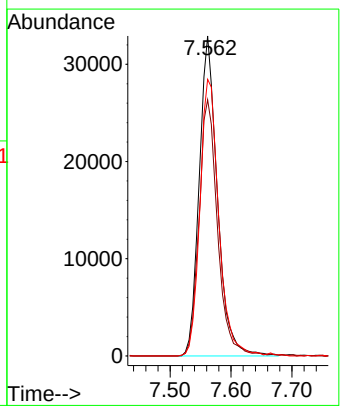
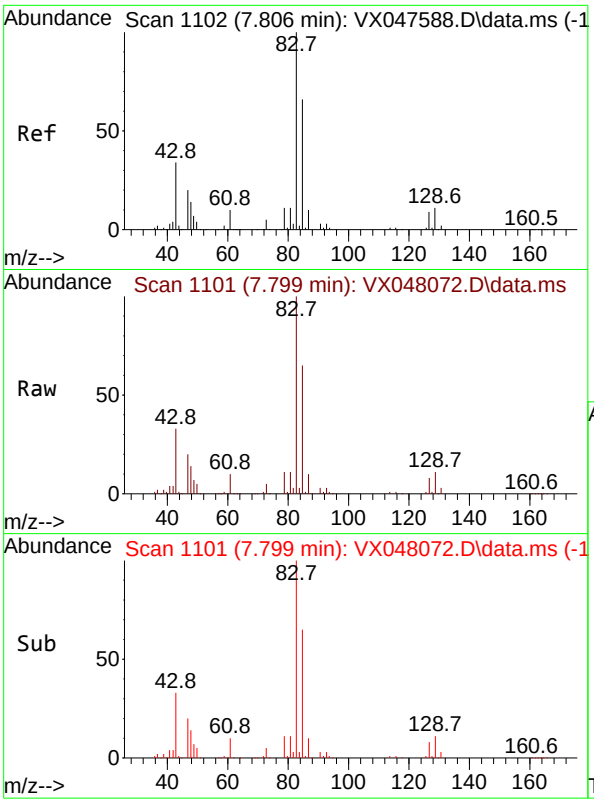


#46
Dibromomethane
Concen: 53.086 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 93 Resp: 68547

Ion	Ratio	Lower	Upper
93	100		
95	81.6	65.0	97.6
174	89.6	71.6	107.4

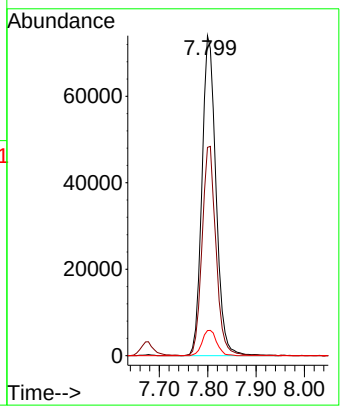




#47
Bromodichloromethane
Concen: 55.959 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 83 Resp: 14910

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.5	78.7
127	7.8	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
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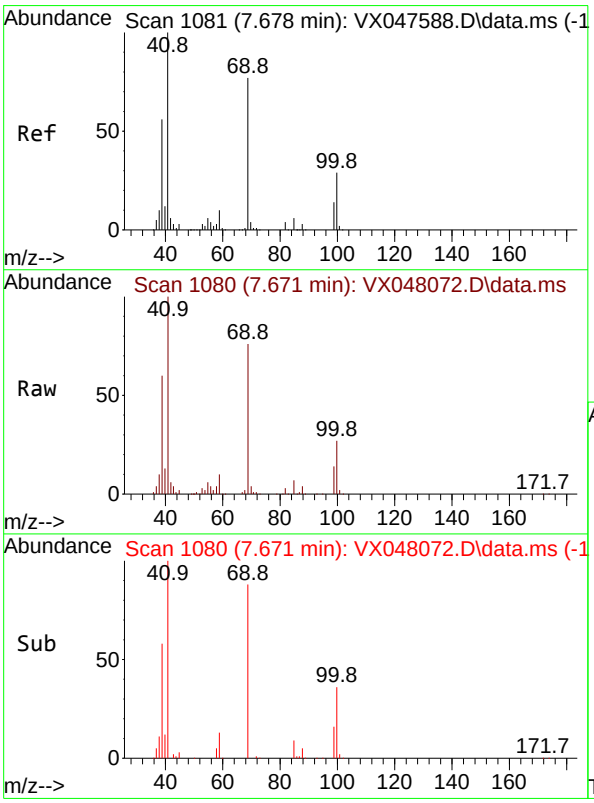
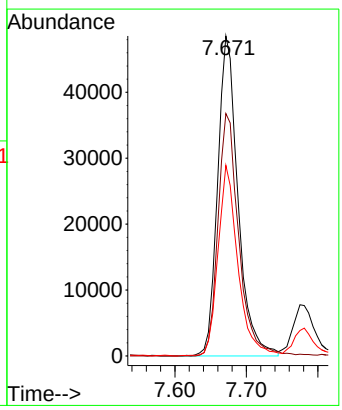
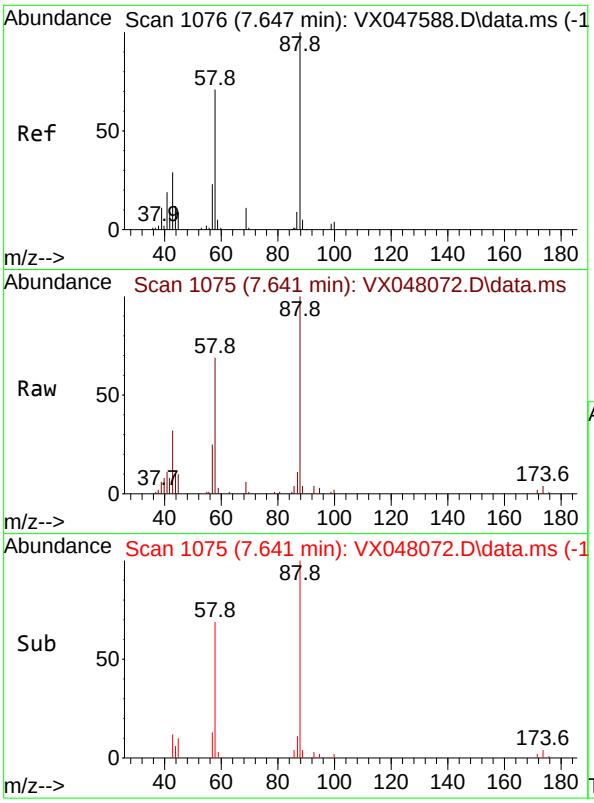


#48
Methyl methacrylate
Concen: 48.122 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 41 Resp: 96035

Ion	Ratio	Lower	Upper
41	100		
69	77.6	61.4	92.2
39	58.4	45.8	68.6

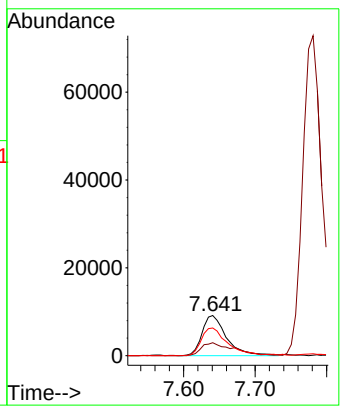




#49
1,4-Dioxane
Concen: 1078.083 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 88 Resp: 2174

Ion	Ratio	Lower	Upper
88	100		
43	42.6	30.2	45.2
58	73.2	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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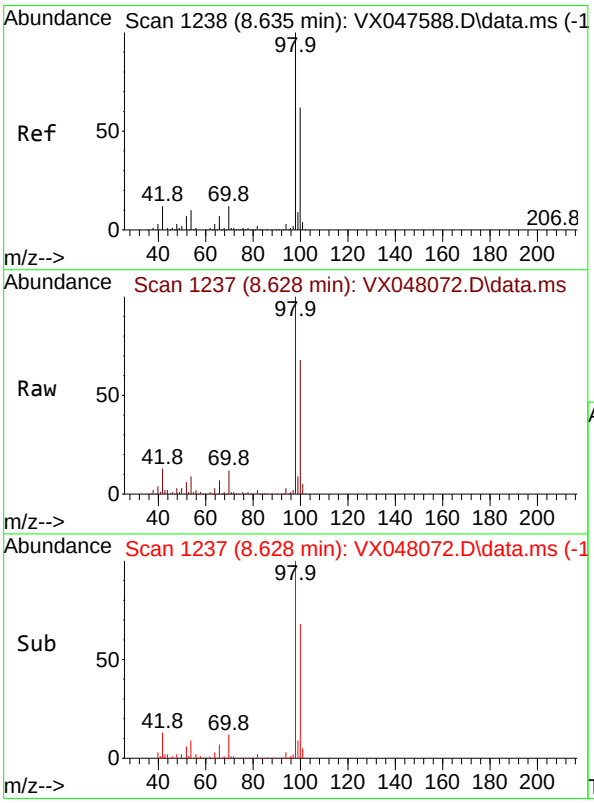
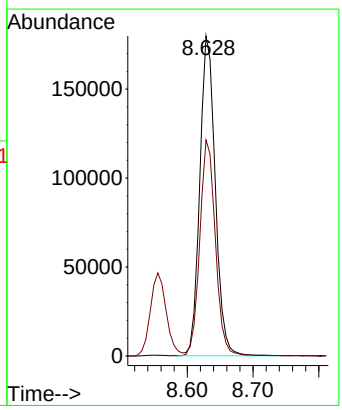
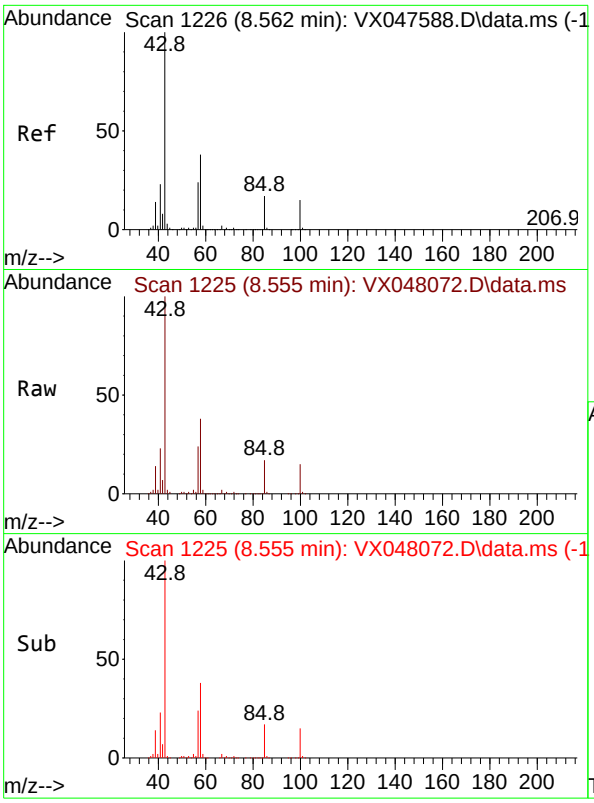


#50
Toluene-d8
Concen: 54.570 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 98 Resp: 294822

Ion	Ratio	Lower	Upper
98	100		
100	68.3	53.0	79.4

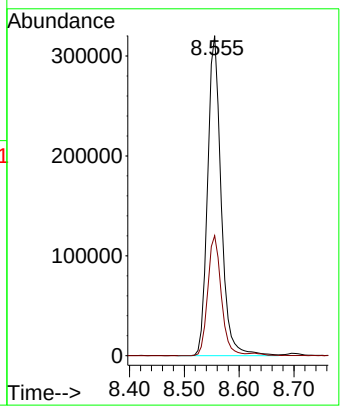




#51
4-Methyl-2-Pentanone
Concen: 246.669 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 54793

Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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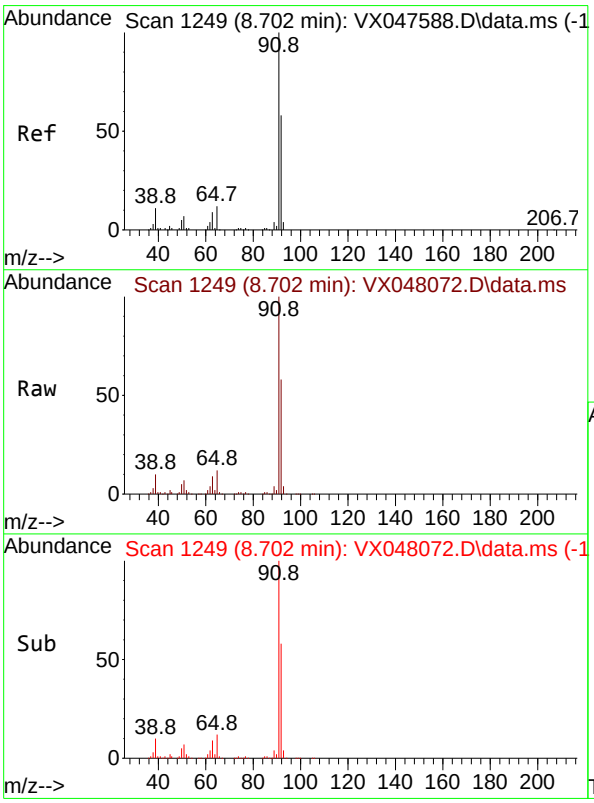
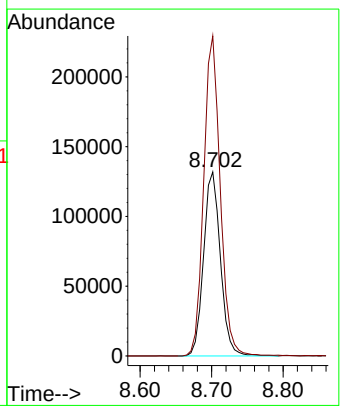
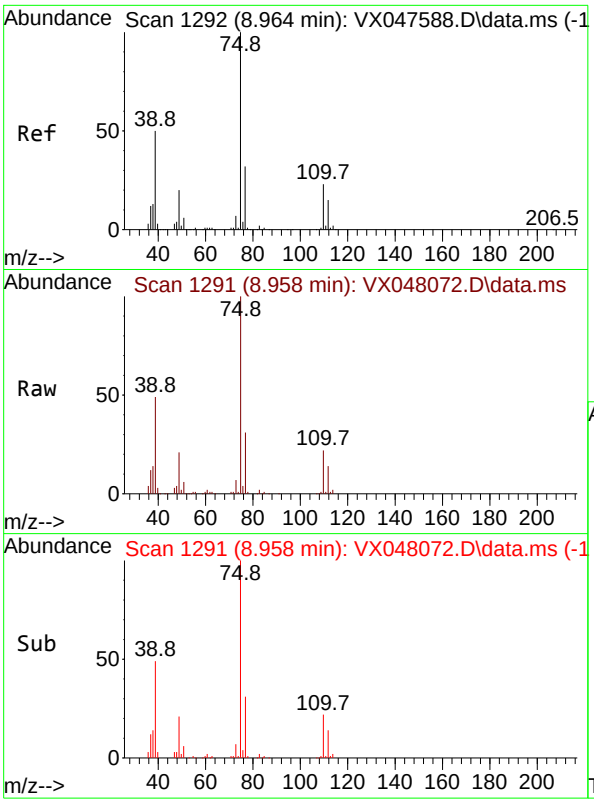


#52
Toluene
Concen: 50.478 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 92 Resp: 215506

Ion	Ratio	Lower	Upper
92	100		
91	170.8	137.1	205.7

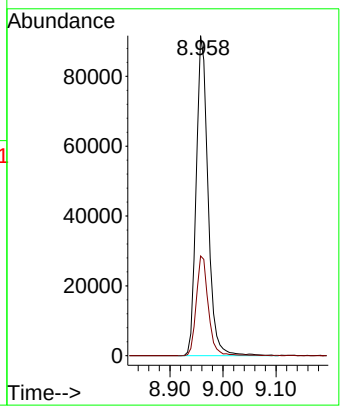




#53
t-1,3-Dichloropropene
Concen: 52.219 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 14192

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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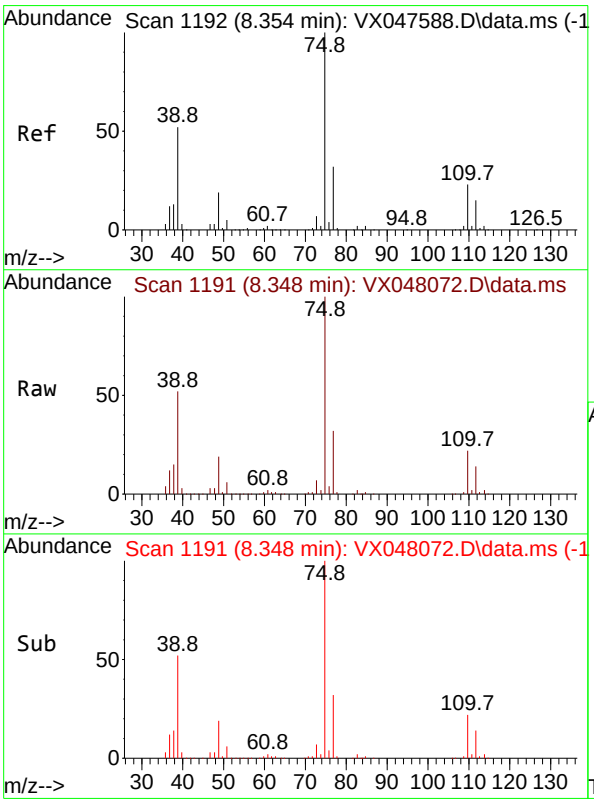
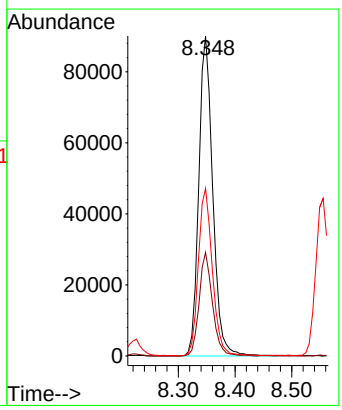
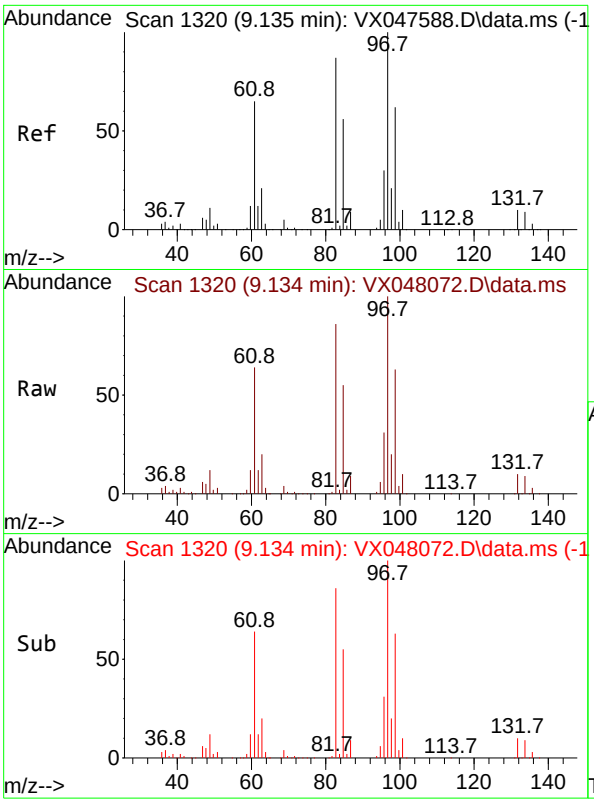


#54
cis-1,3-Dichloropropene
Concen: 52.981 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 153909

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.6
39	52.4	41.4	62.2

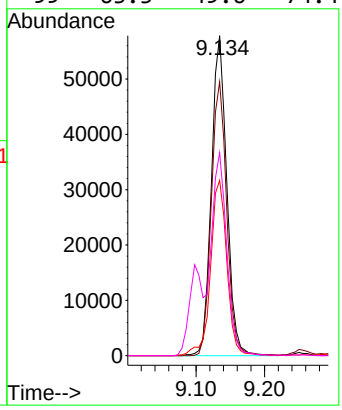




#55
1,1,2-Trichloroethane
Concen: 54.809 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 97 Resp: 9022

Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.6	104.4
85	54.6	45.0	67.6
99	63.3	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
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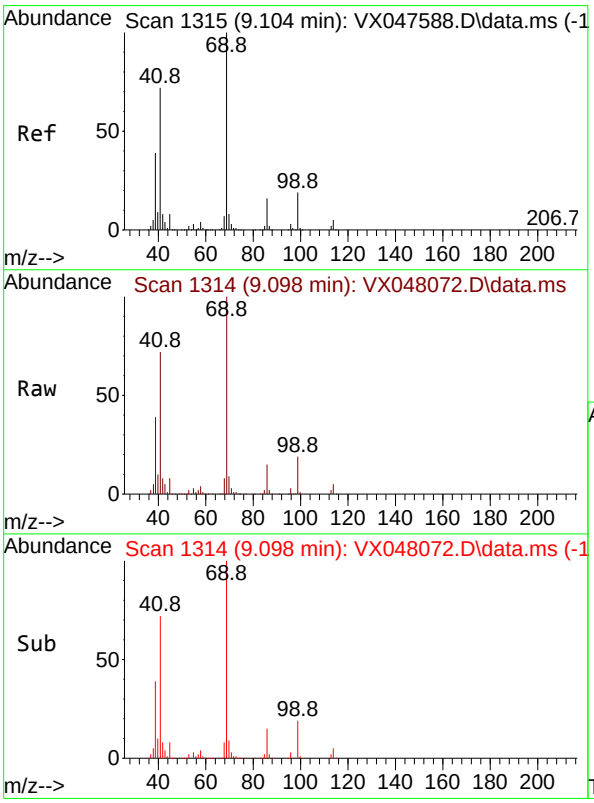
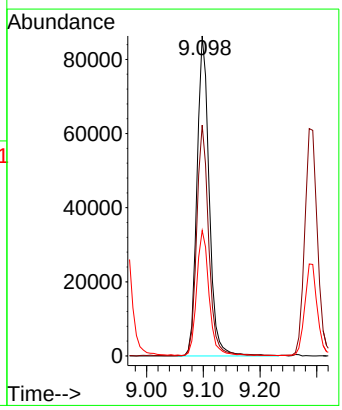
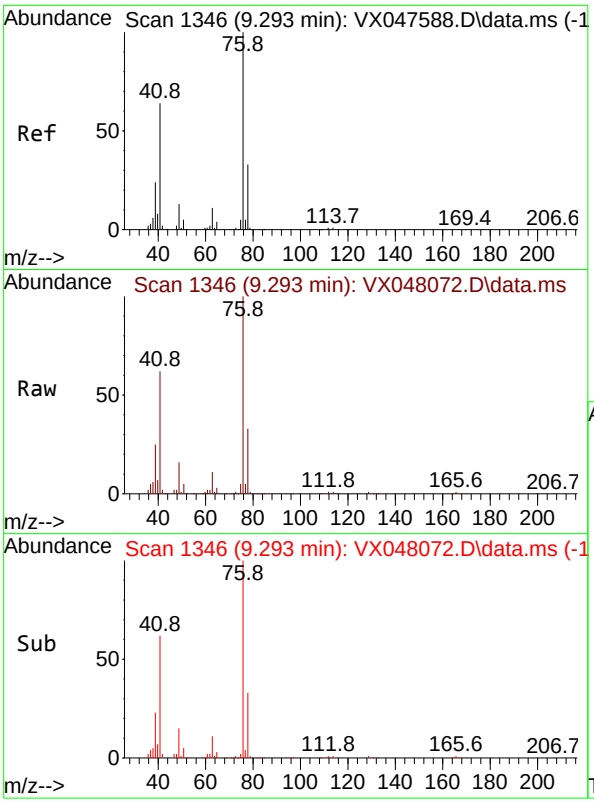


#56
Ethyl methacrylate
Concen: 49.904 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 69 Resp: 129018

Ion	Ratio	Lower	Upper
69	100		
41	70.6	58.6	87.8
39	39.4	31.5	47.3

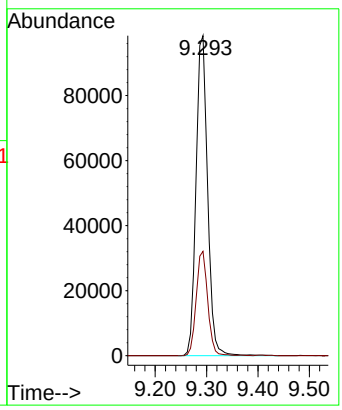




#57
1,3-Dichloropropane
Concen: 54.392 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 76 Resp: 15381

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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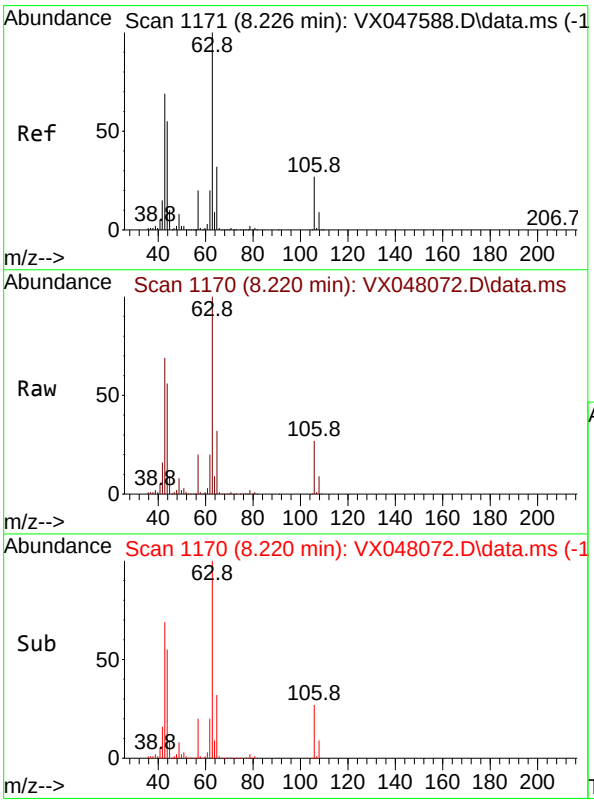
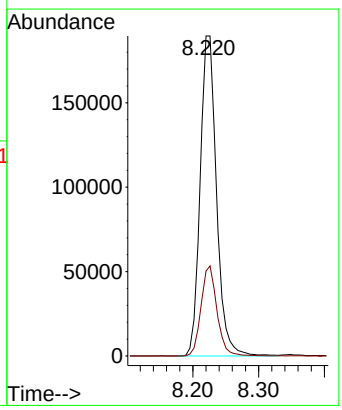
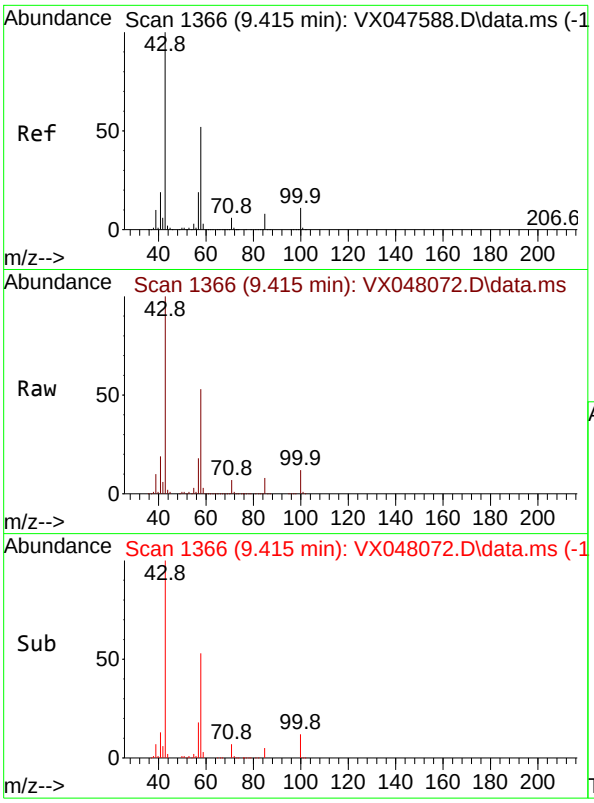


#58
2-Chloroethyl Vinyl ether
Concen: 264.840 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 63 Resp: 328449

Ion	Ratio	Lower	Upper
63	100		
106	27.3	21.9	32.9





#59
2-Hexanone
Concen: 236.316 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 37701

Ion	Ratio	Lower	Upper
43	100		
58	52.3	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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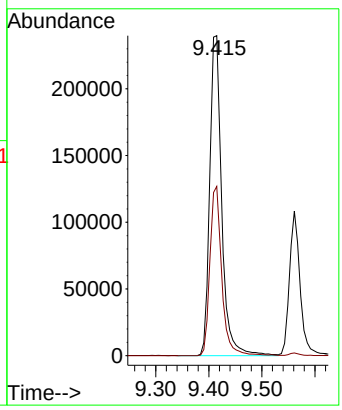
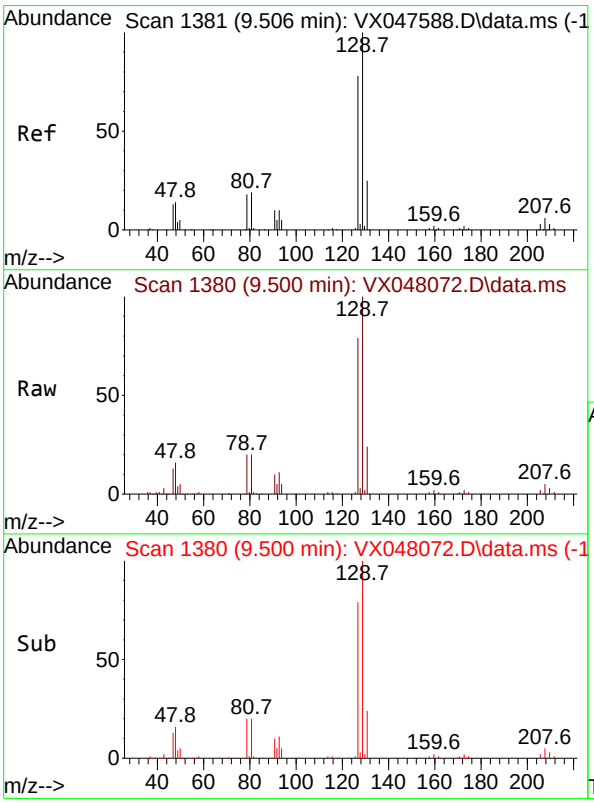
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

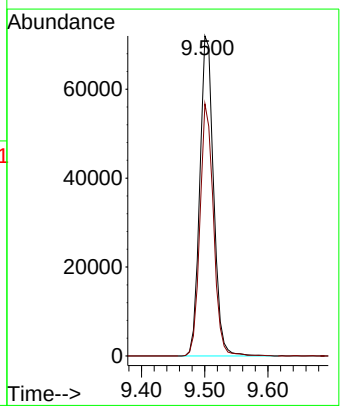


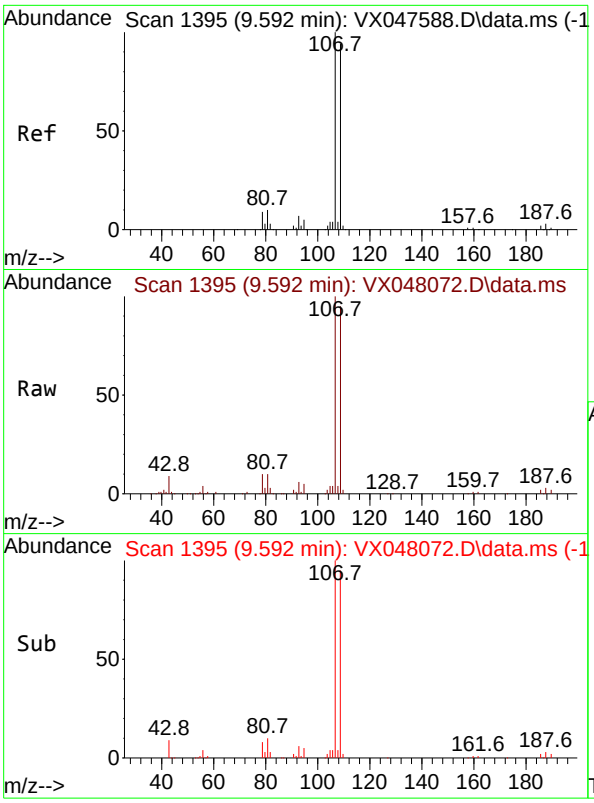


#60
Dibromochloromethane
Concen: 57.636 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:129 Resp: 109325

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.4	115.2

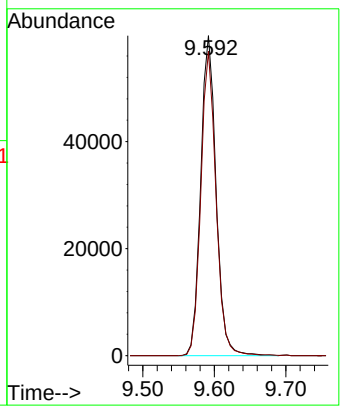




#61
1,2-Dibromoethane
Concen: 53.316 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:107 Resp: 8939

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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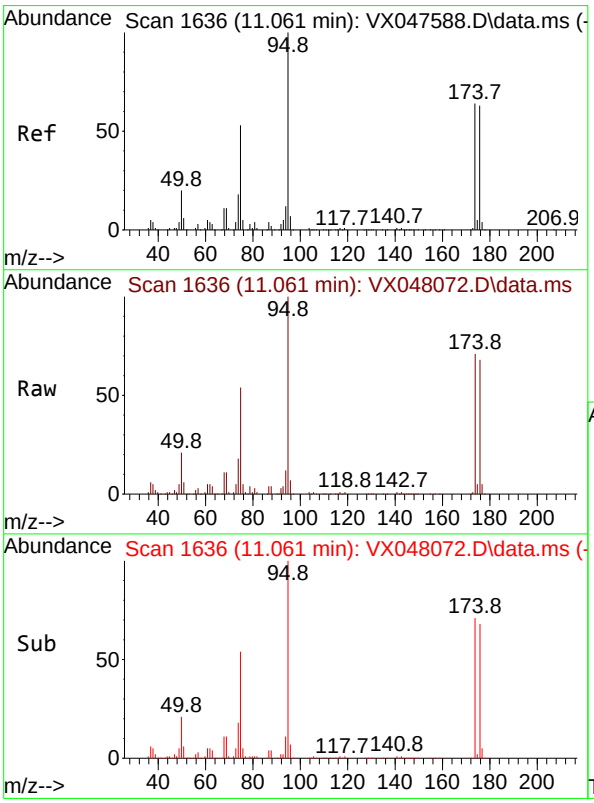
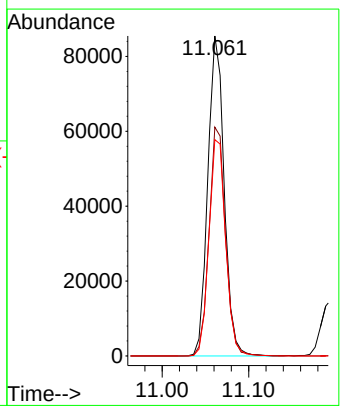
Supervised By :Mahesh Dadoda 10/10/2025

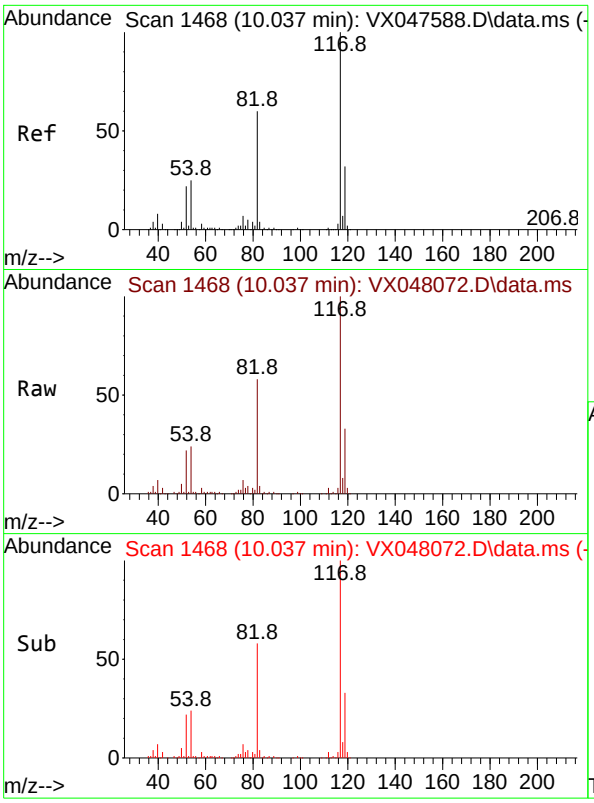


#62
4-Bromofluorobenzene
Concen: 54.587 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 95 Resp: 111926

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	141.6
176	69.4	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:117 Resp: 20876

Ion	Ratio	Lower	Upper
117	100		
82	57.7	47.8	71.6
119	32.7	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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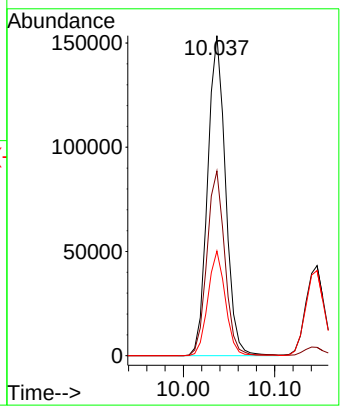
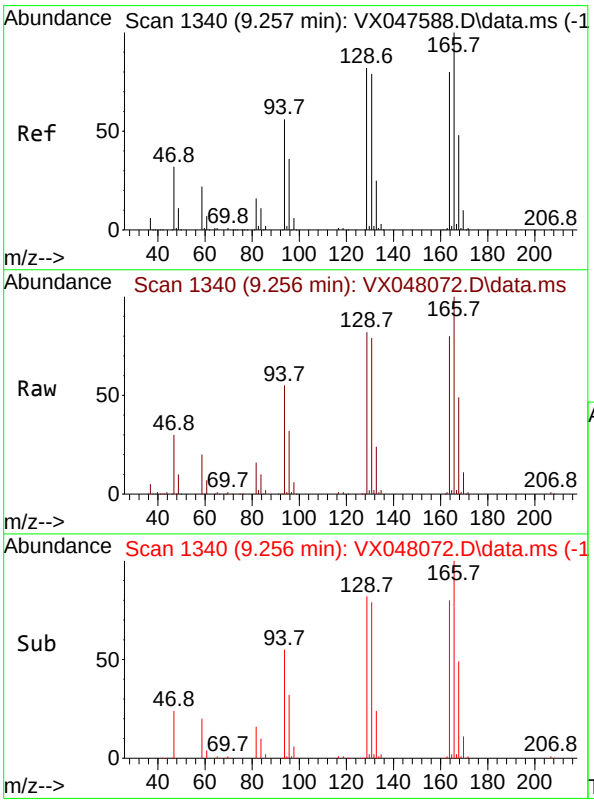
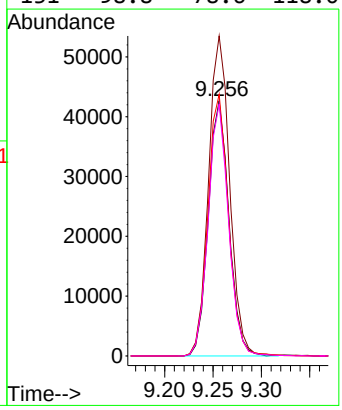


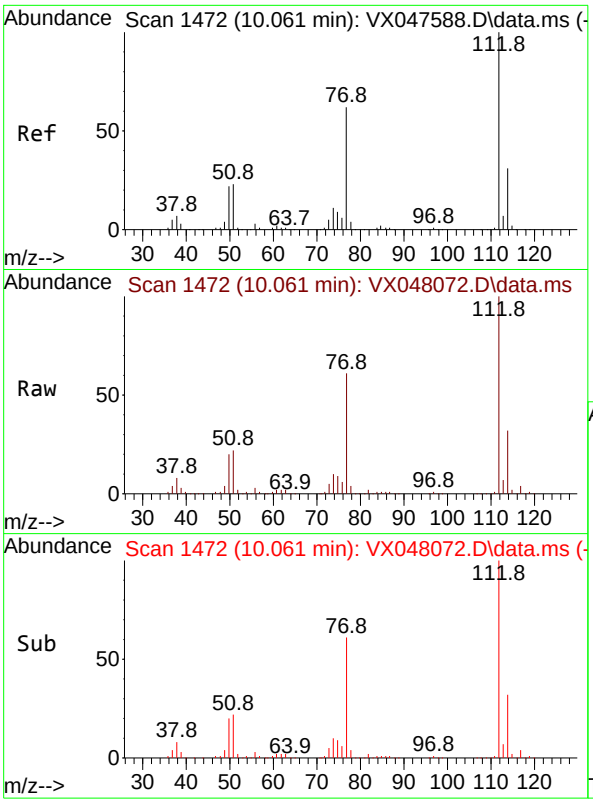


#64
Tetrachloroethene
Concen: 46.503 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:164 Resp: 63286

Ion	Ratio	Lower	Upper
164	100		
166	125.5	100.2	150.2
129	102.6	81.8	122.6
131	98.8	78.6	118.0

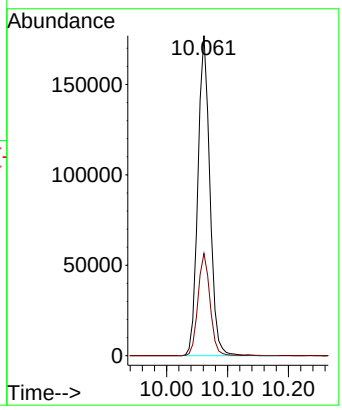




#65
Chlorobenzene
Concen: 50.846 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:112 Resp: 24114

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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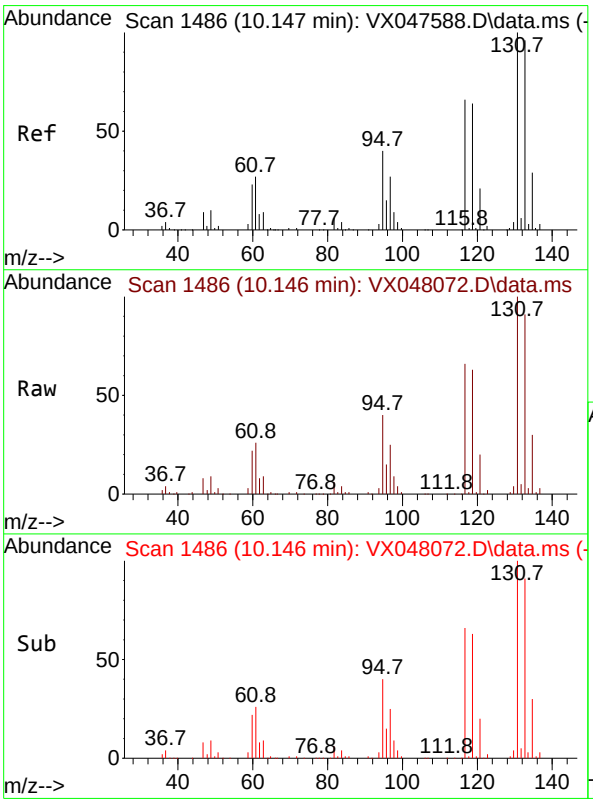
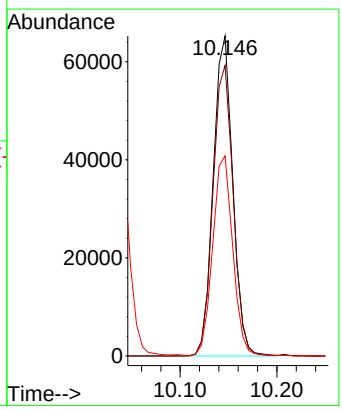
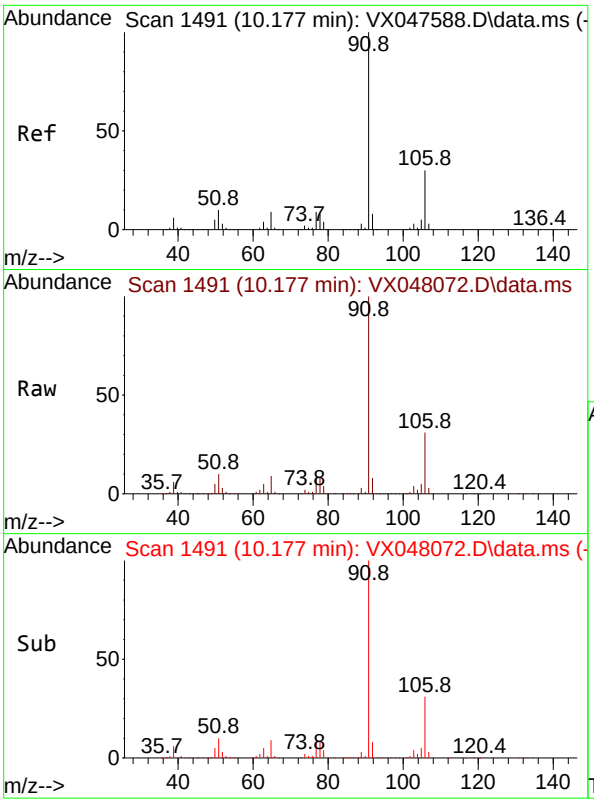


#66
1,1,1,2-Tetrachloroethane
Concen: 55.925 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:131 Resp: 91525

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.3	142.0
119	64.3	32.0	96.0





#67
Ethyl Benzene
Concen: 49.538 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 91 Resp: 40537

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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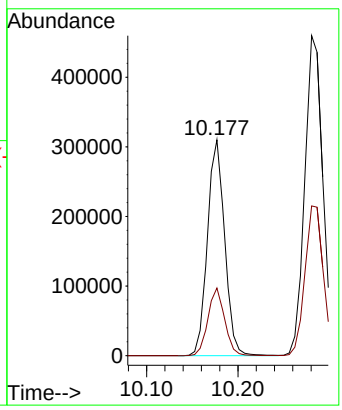
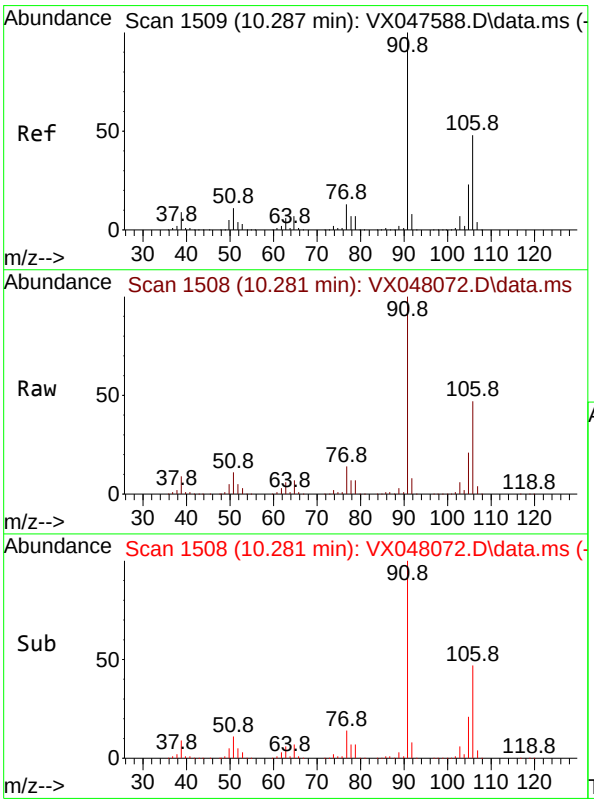
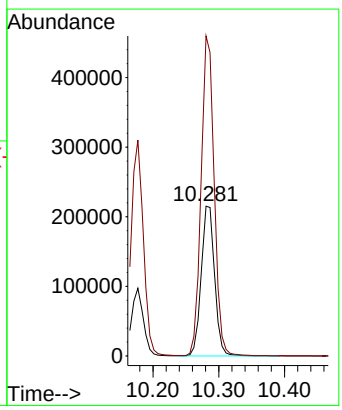


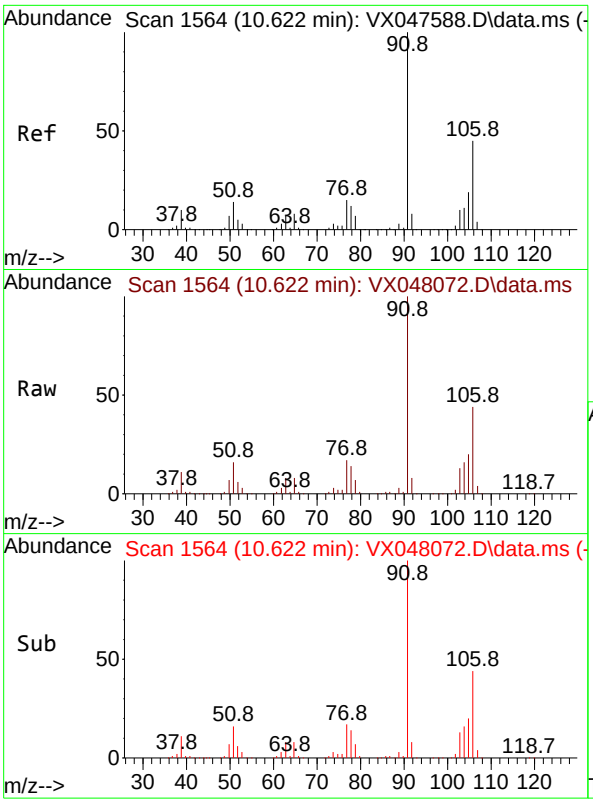


#68
m/p-Xylenes
Concen: 99.667 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:106 Resp: 303568

Ion	Ratio	Lower	Upper
106	100		
91	209.7	167.8	251.8





#69
o-Xylene
Concen: 49.964 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:106 Resp: 14719

Ion	Ratio	Lower	Upper
106	100		
91	222.7	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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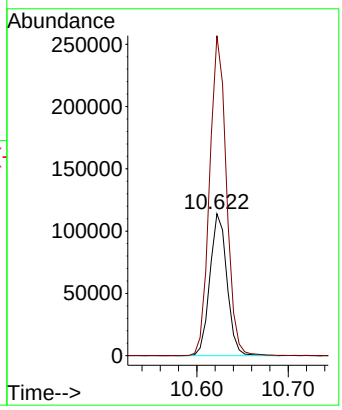
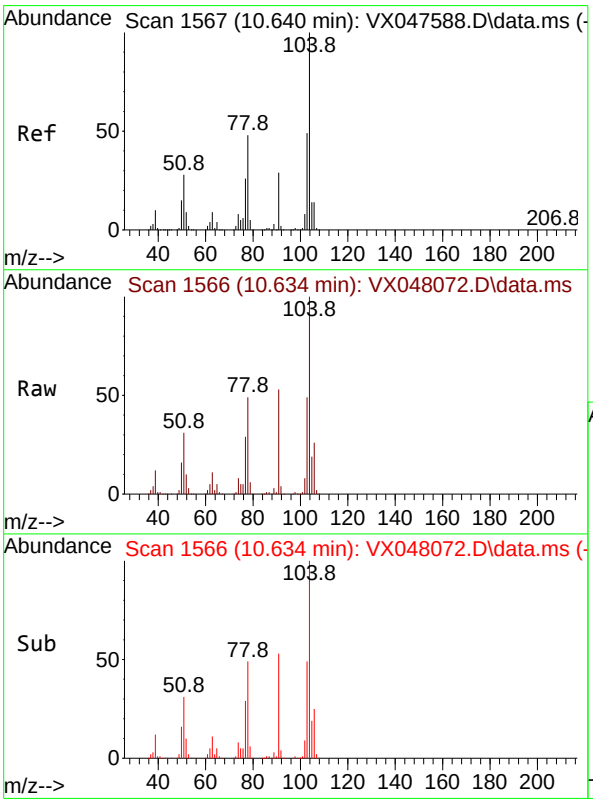
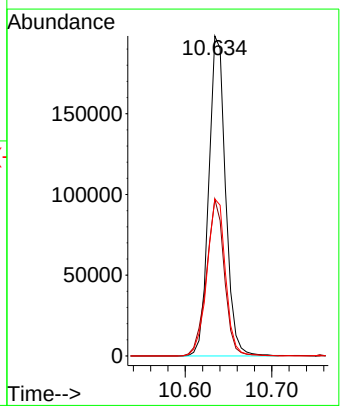


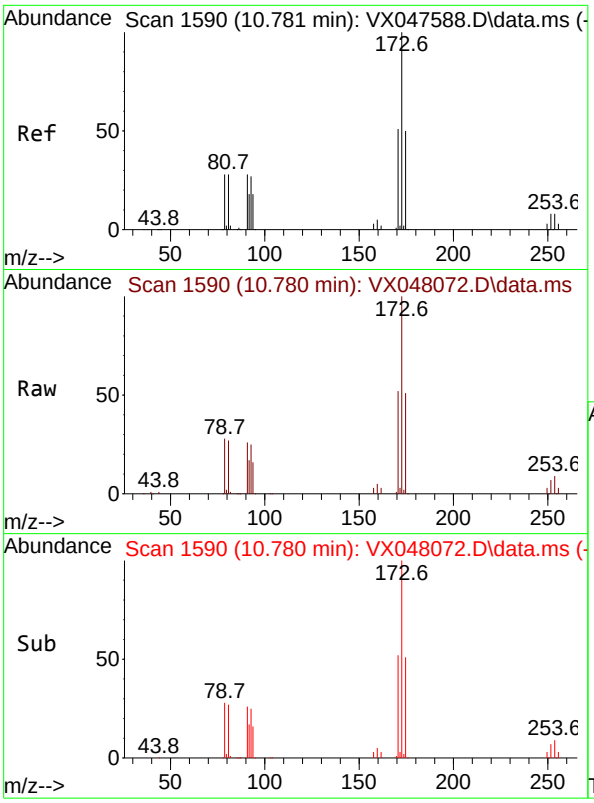


#70
Styrene
Concen: 51.713 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:104 Resp: 266941

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.1	43.1	64.7

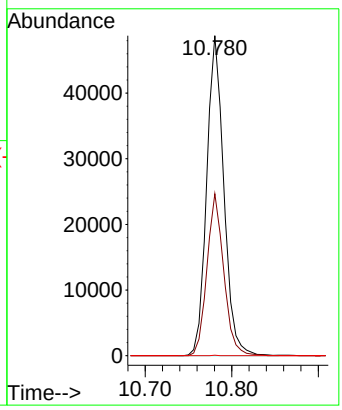




#71
Bromoform
Concen: 54.809 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:173 Resp: 6697

Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.9	74.6
254	0.0	0.1	0.1#



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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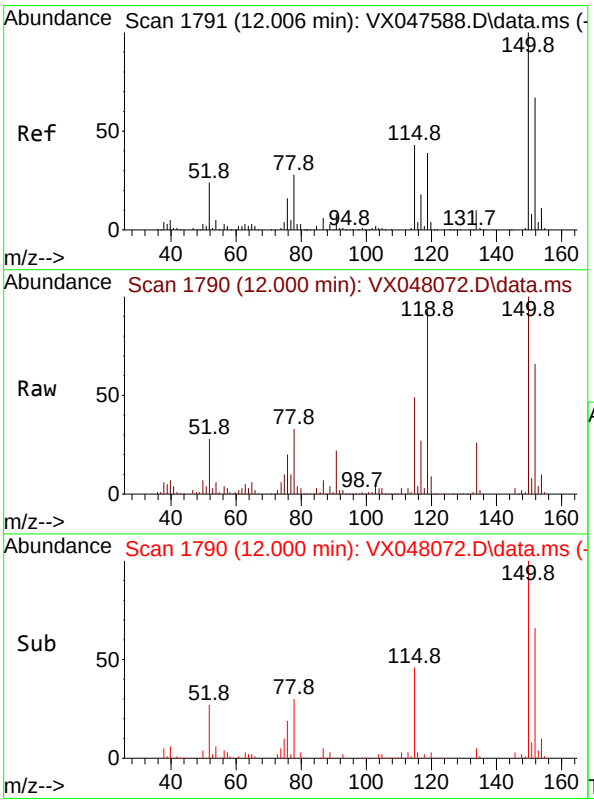
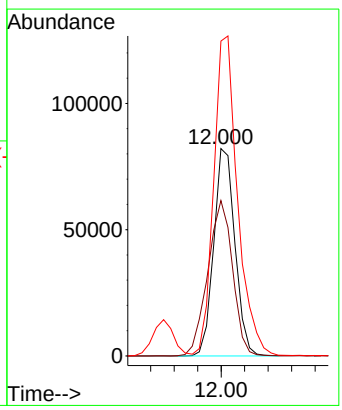
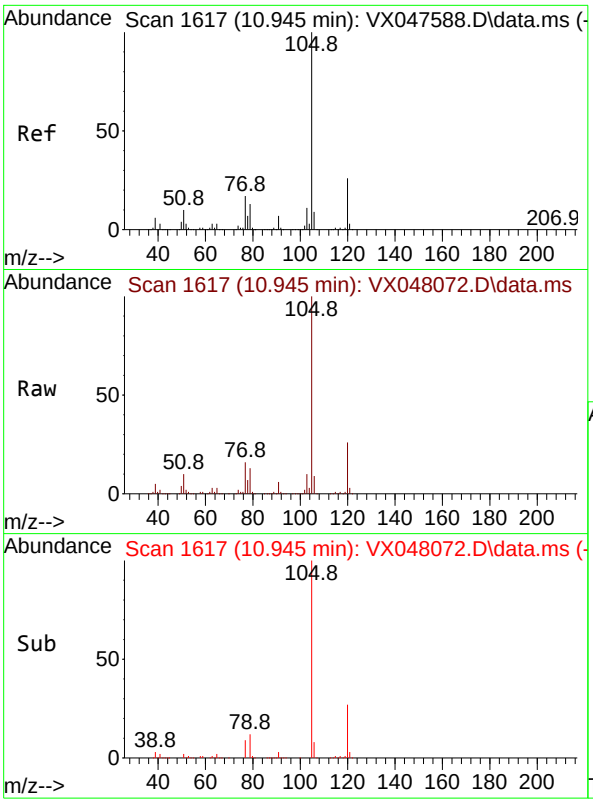


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:152 Resp: 103010

Ion	Ratio	Lower	Upper
152	100		
115	87.9	44.9	134.5
150	173.6	0.0	352.0

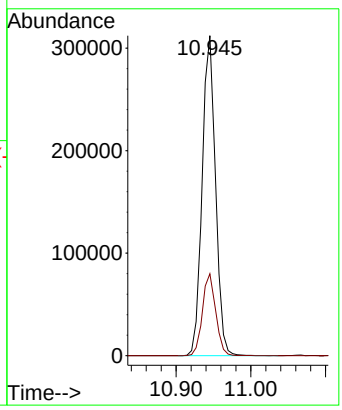




#73
Isopropylbenzene
Concen: 49.390 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:105 Resp: 38679

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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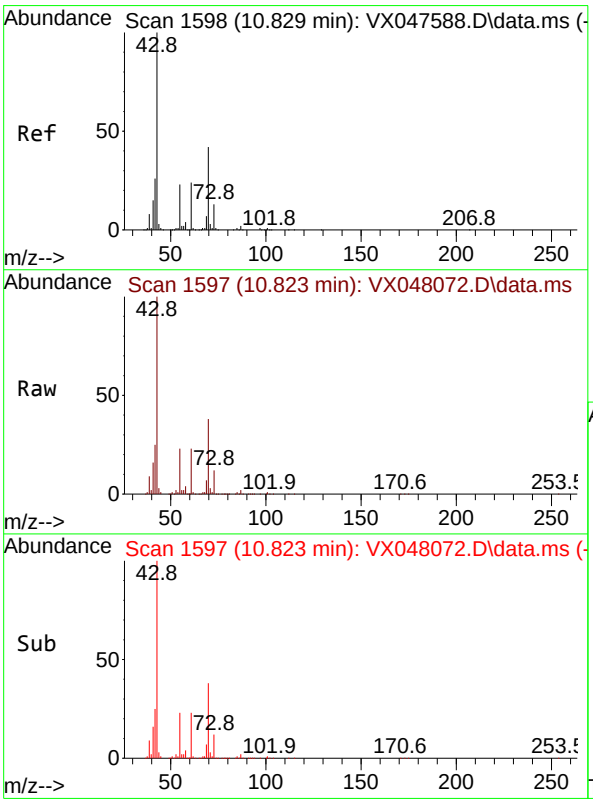
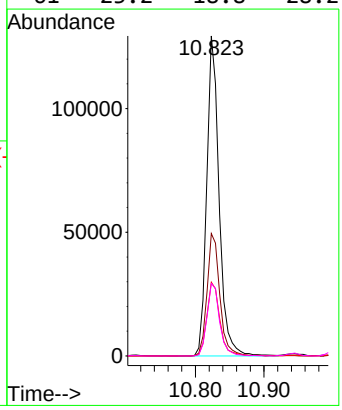
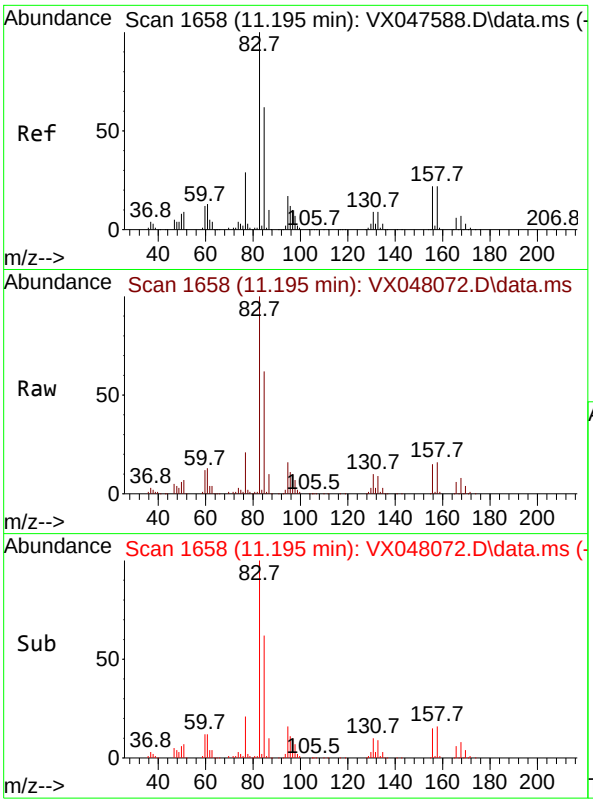


#74
N-amyl acetate
Concen: 45.527 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 43 Resp: 162589

Ion	Ratio	Lower	Upper
43	100		
70	39.5	32.0	48.0
55	24.3	18.9	28.3
61	23.2	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.476 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 83 Resp: 12196

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	63.4	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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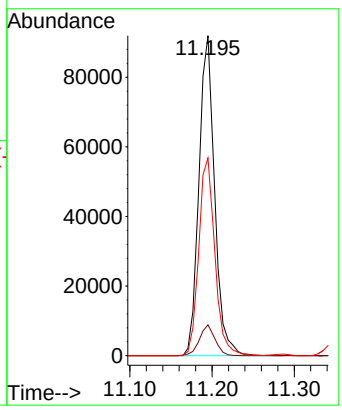
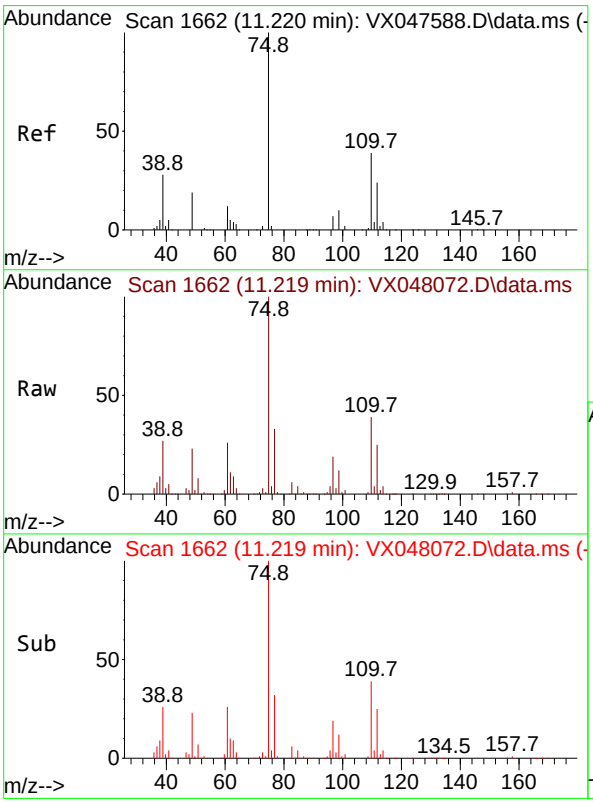
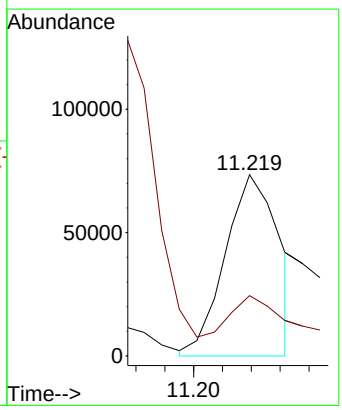


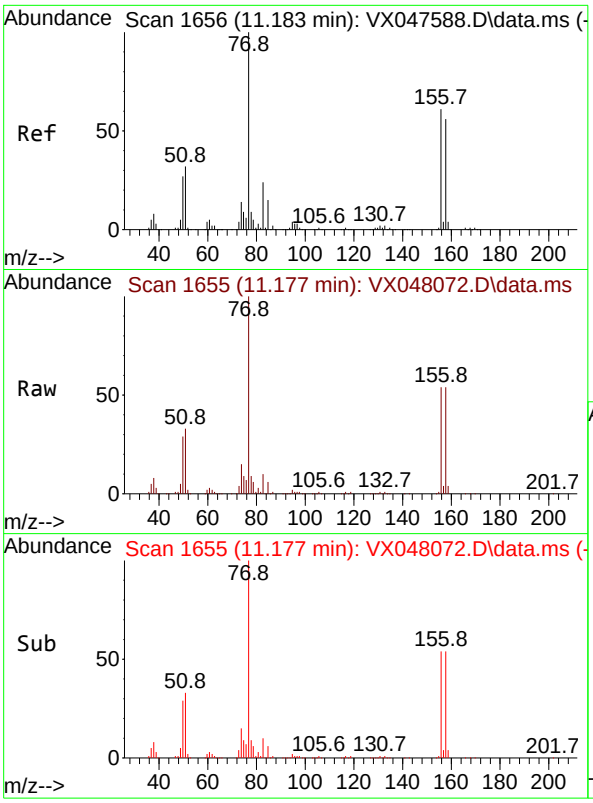


#76
1,2,3-Trichloropropane
Concen: 45.623 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 95153

Ion	Ratio	Lower	Upper
75	100		
77	45.3	18.8	56.4

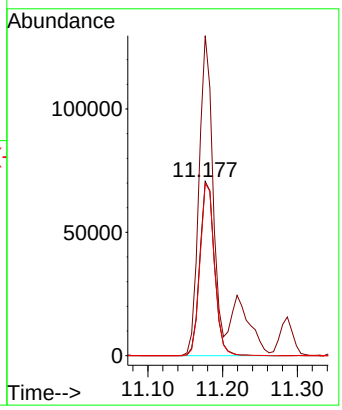




#77
Bromobenzene
Concen: 49.608 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:156 Resp: 9568

Ion	Ratio	Lower	Upper
156	100		
77	174.4	89.7	269.1
158	98.4	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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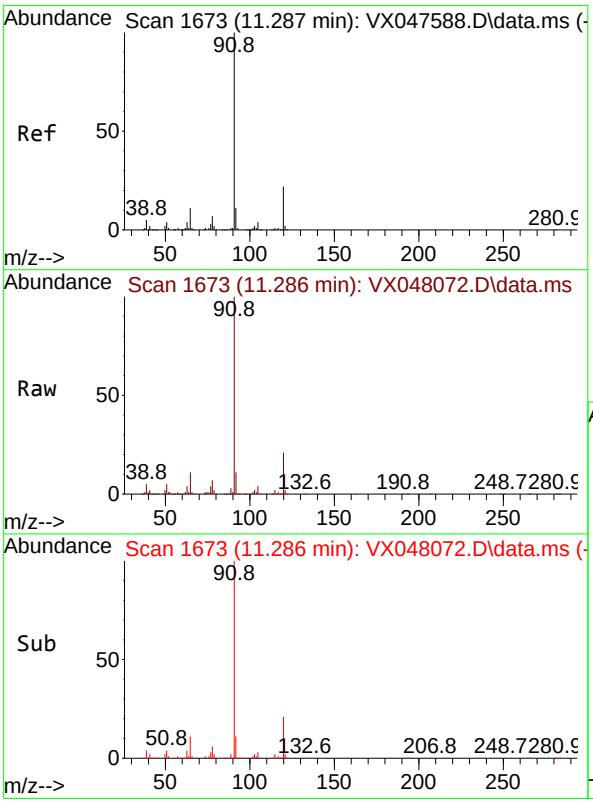
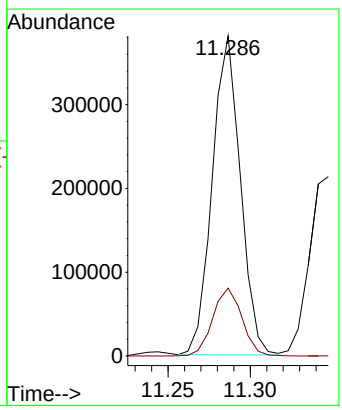
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

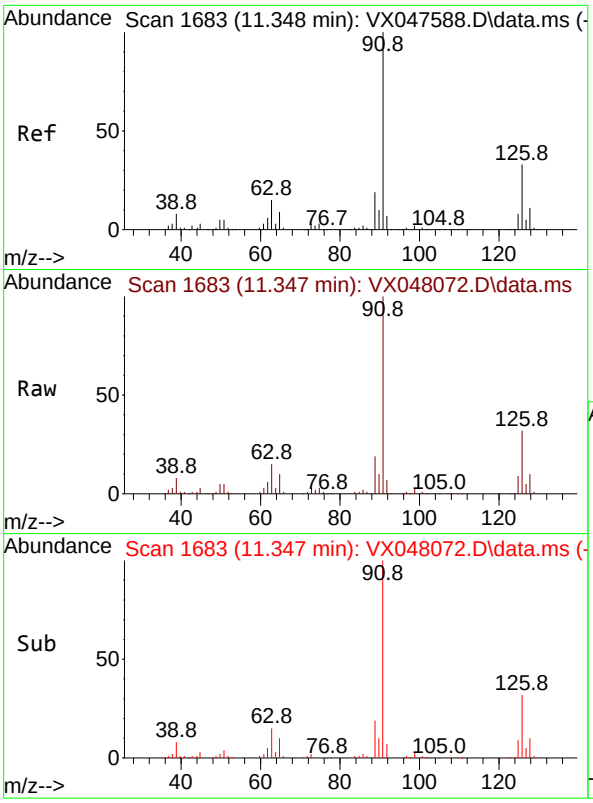


#78
n-propylbenzene
Concen: 48.883 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 91 Resp: 452552

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79
2-Chlorotoluene
Concen: 49.487 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 91 Resp: 28060

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 10/10/2025
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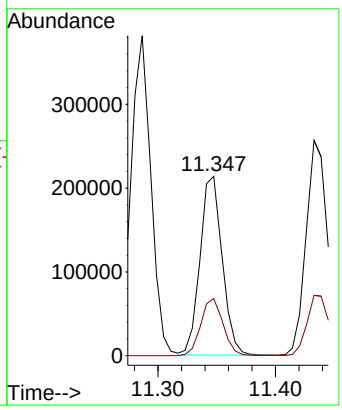
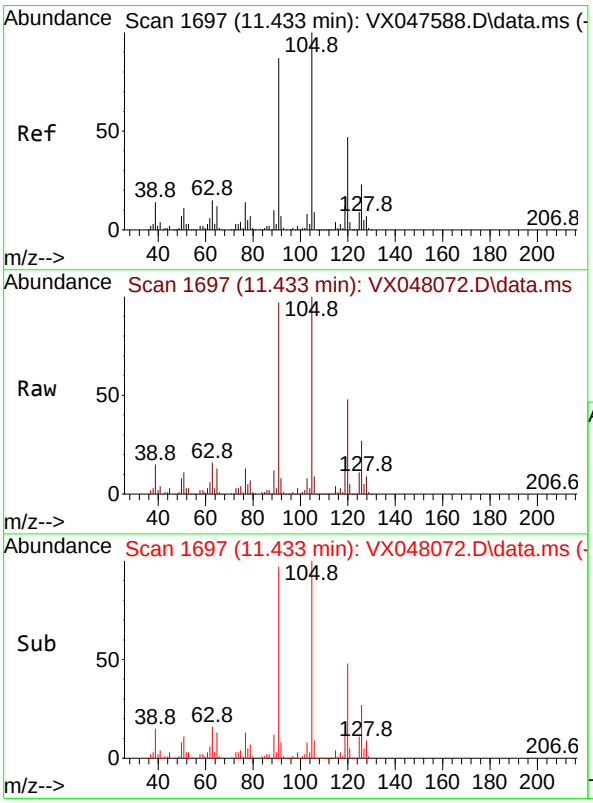
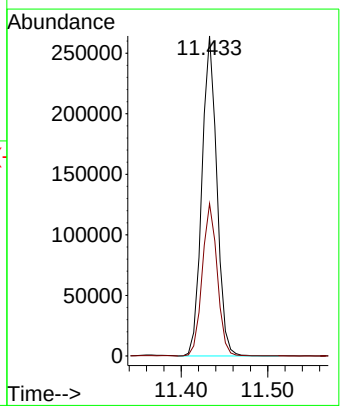


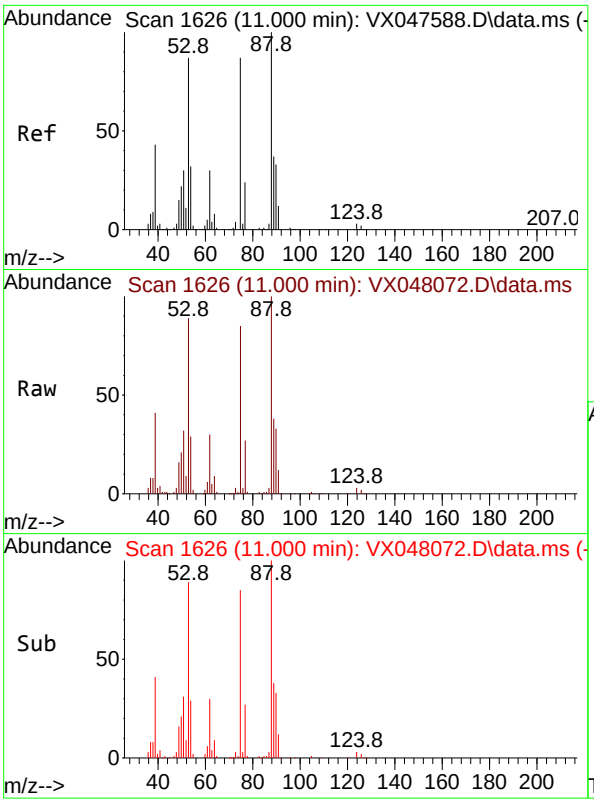


#80
1,3,5-Trimethylbenzene
Concen: 49.195 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:105 Resp: 316535

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.6	70.8

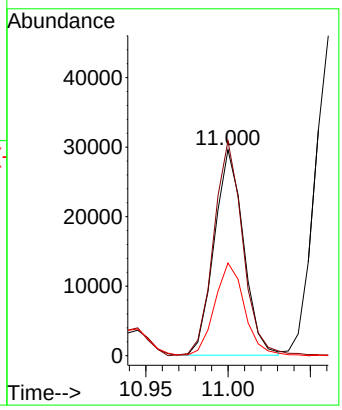




#81
trans-1,4-Dichloro-2-butene
Concen: 44.672 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 3653

Ion	Ratio	Lower	Upper
75	100		
53	104.9	83.4	125.2
89	46.1	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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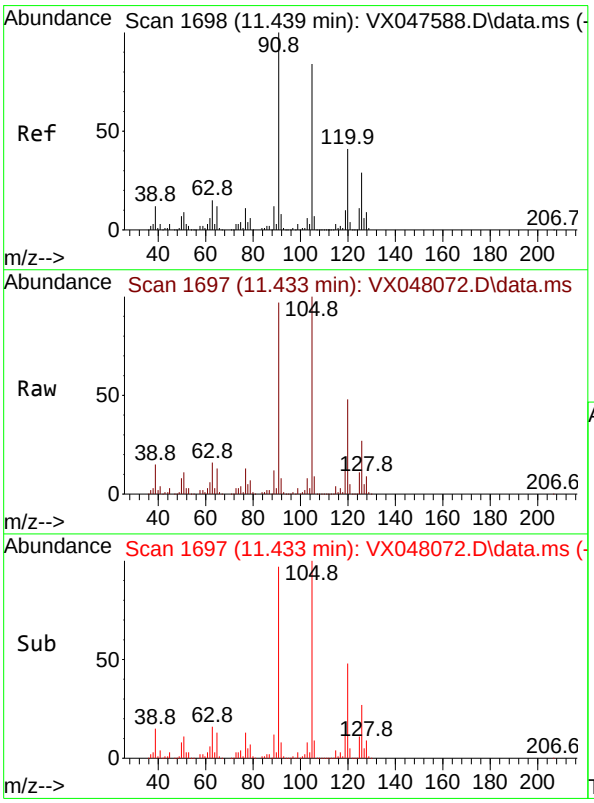
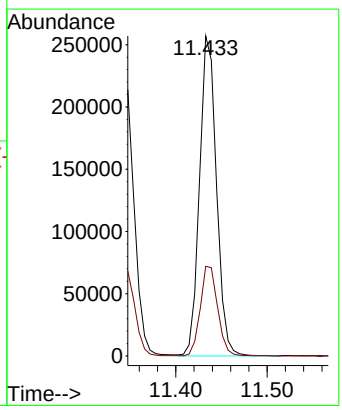
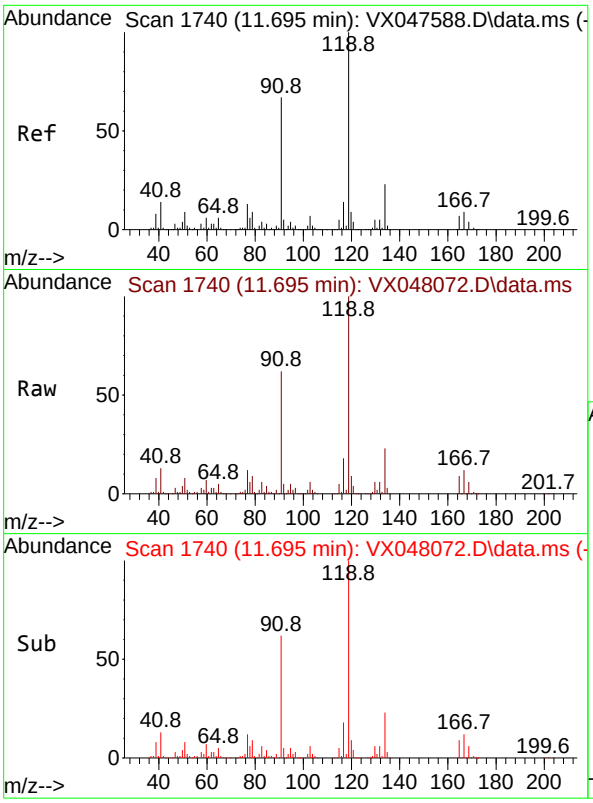


#82
4-Chlorotoluene
Concen: 49.516 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 91 Resp: 331598

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6

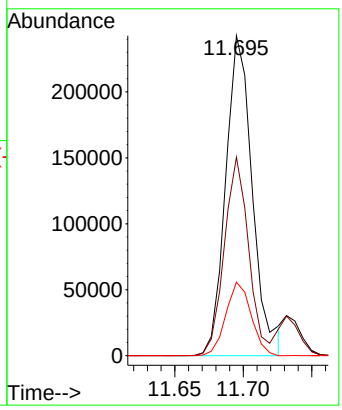




#83
tert-Butylbenzene
Concen: 49.946 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:119 Resp: 32897

Ion	Ratio	Lower	Upper
119	100		
91	56.6	29.6	88.8
134	21.8	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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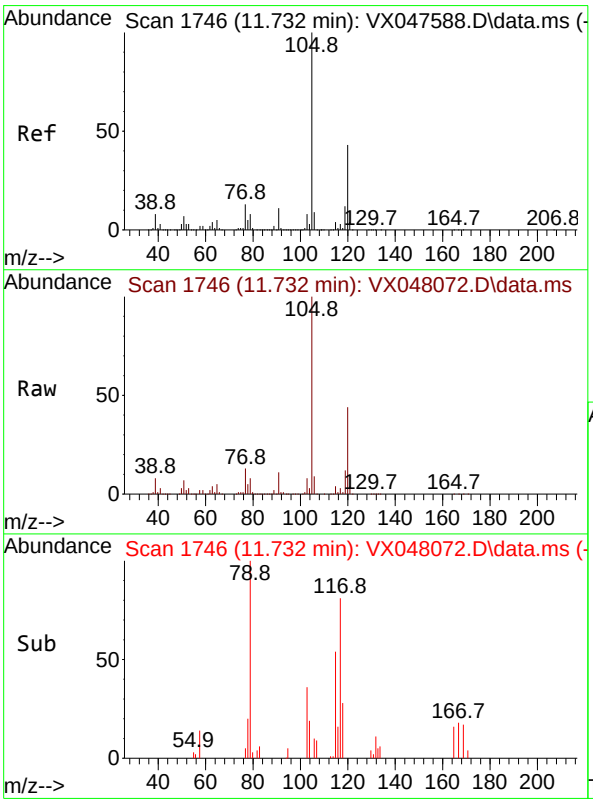
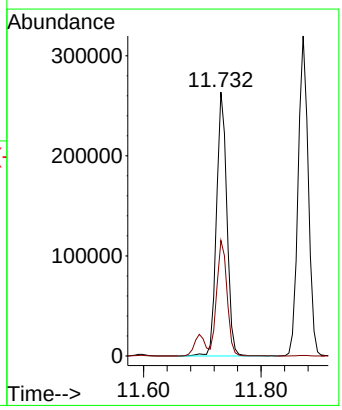
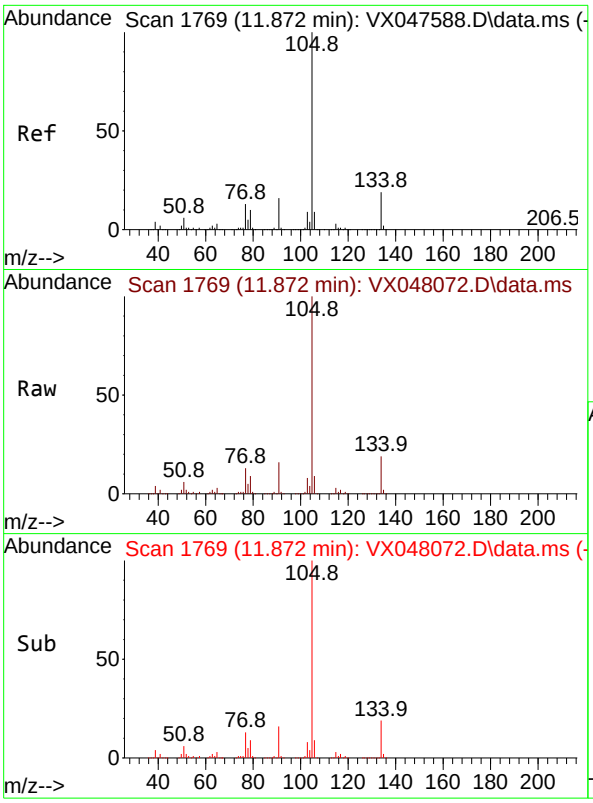


#84
1,2,4-Trimethylbenzene
Concen: 49.336 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:105 Resp: 321834

Ion	Ratio	Lower	Upper
105	100		
120	43.3	22.1	66.1

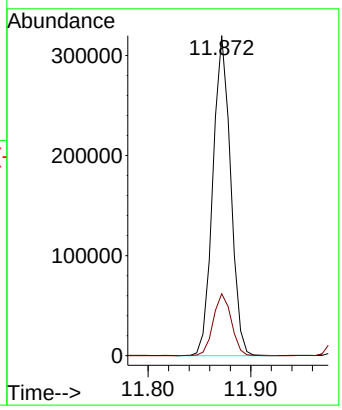




#85
sec-Butylbenzene
Concen: 48.971 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:105 Resp: 38312

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
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ClientSampleId :
VSTDCCC050

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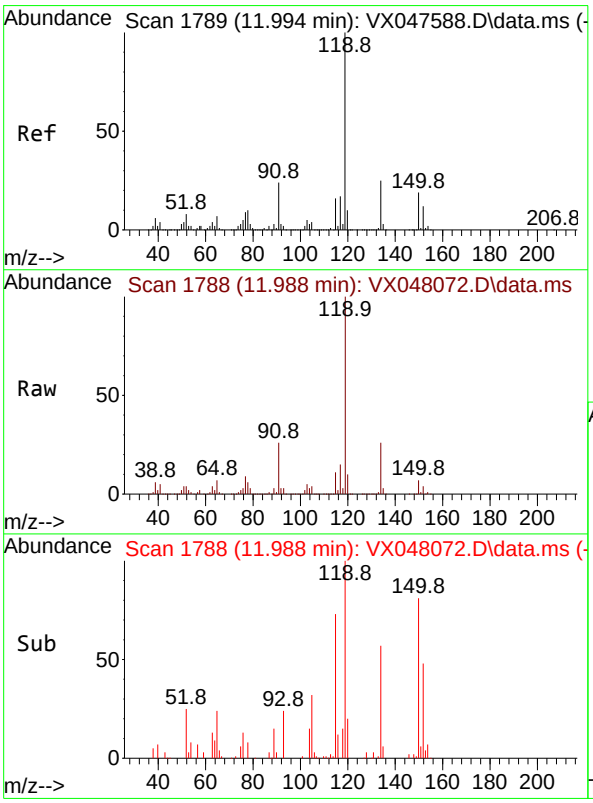
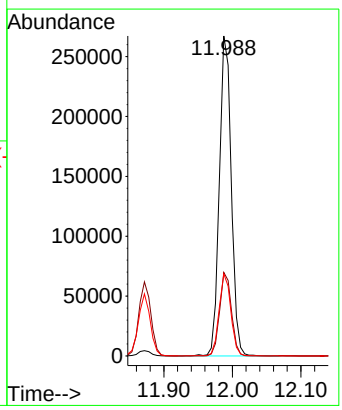
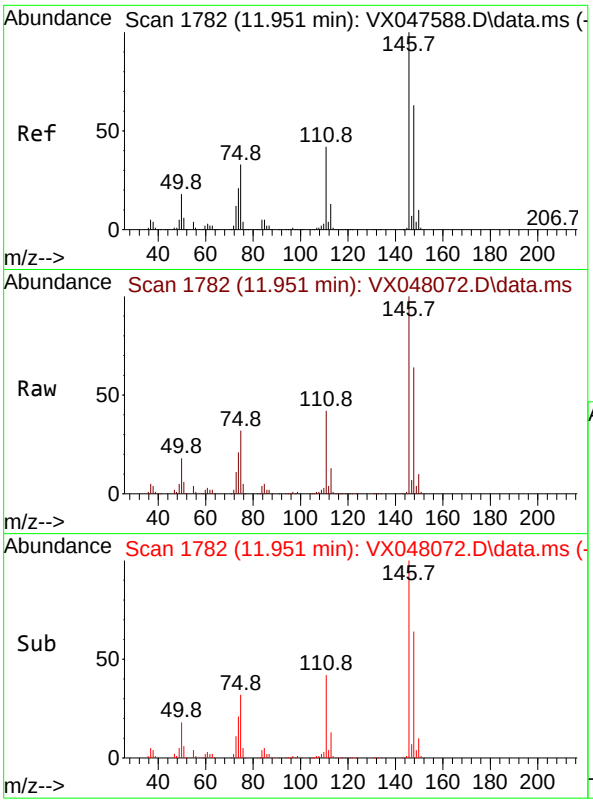


#86
p-Isopropyltoluene
Concen: 48.448 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:119 Resp: 320894

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.2	12.6	37.6

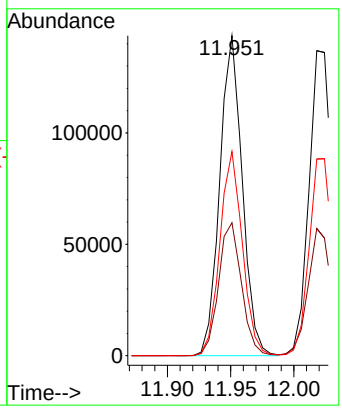




#87
1,3-Dichlorobenzene
Concen: 49.540 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:146 Resp: 17748

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	63.8	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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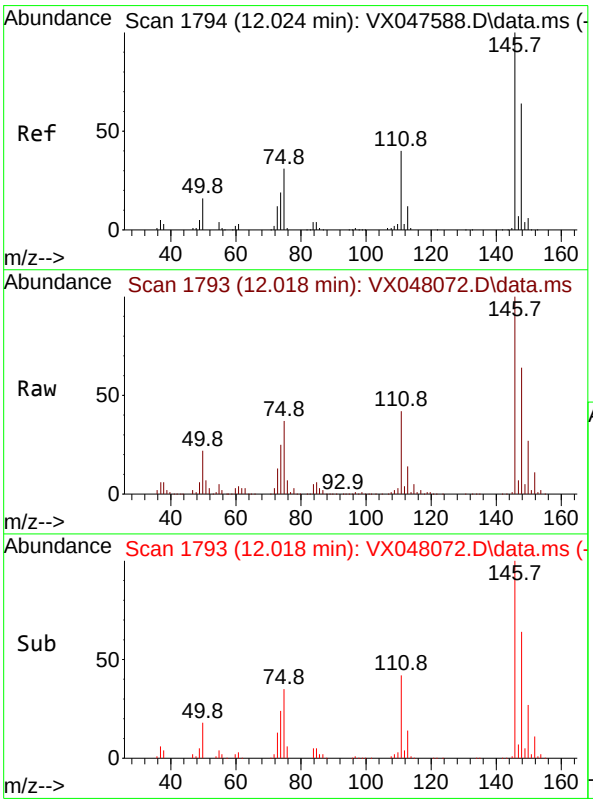
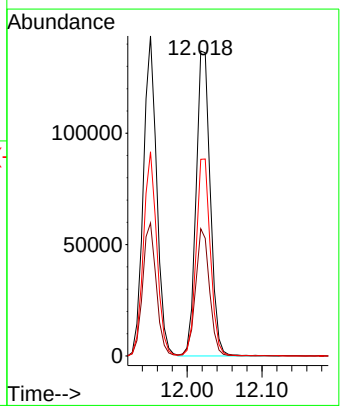
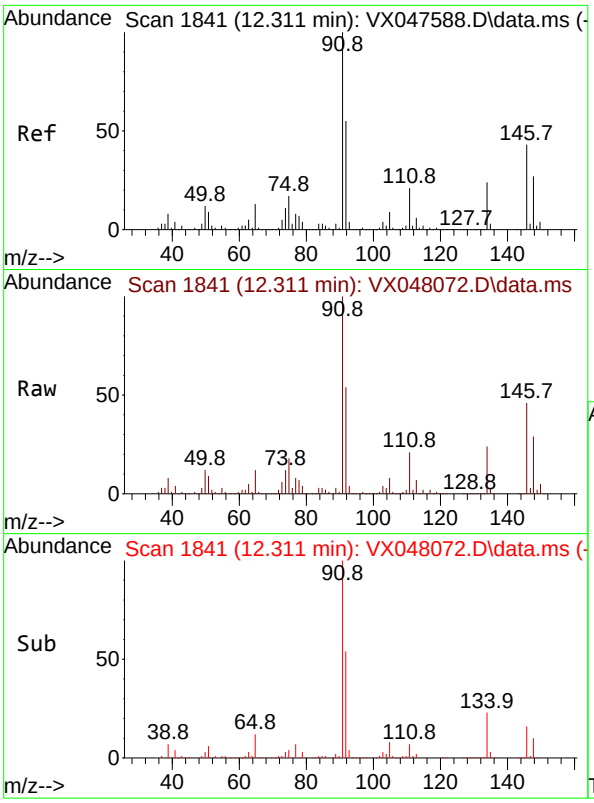


#88
1,4-Dichlorobenzene
Concen: 49.106 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:146 Resp: 180566

Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.8	62.4
148	64.7	31.7	95.1





#89
n-Butylbenzene
Concen: 47.890 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 91 Resp: 29350

Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.6	82.7
134	25.0	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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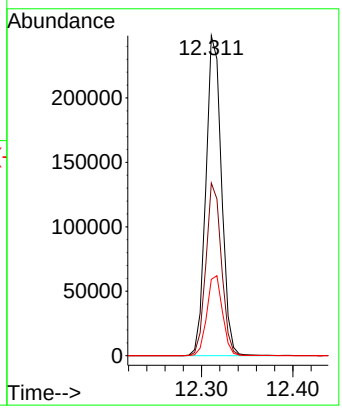
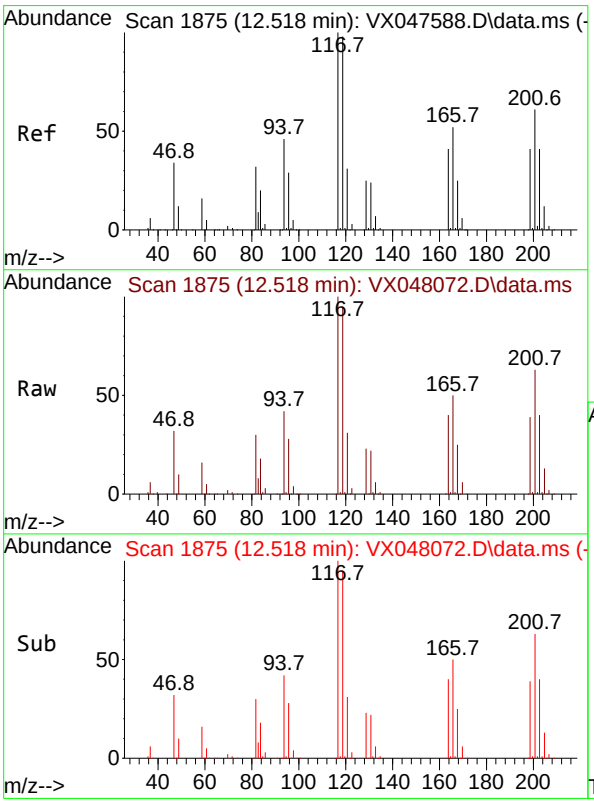
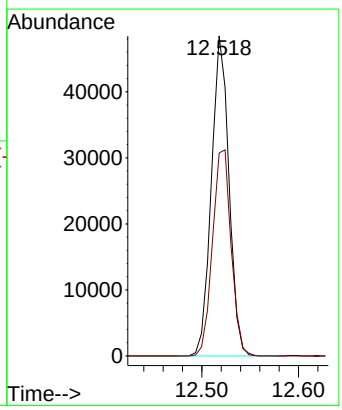


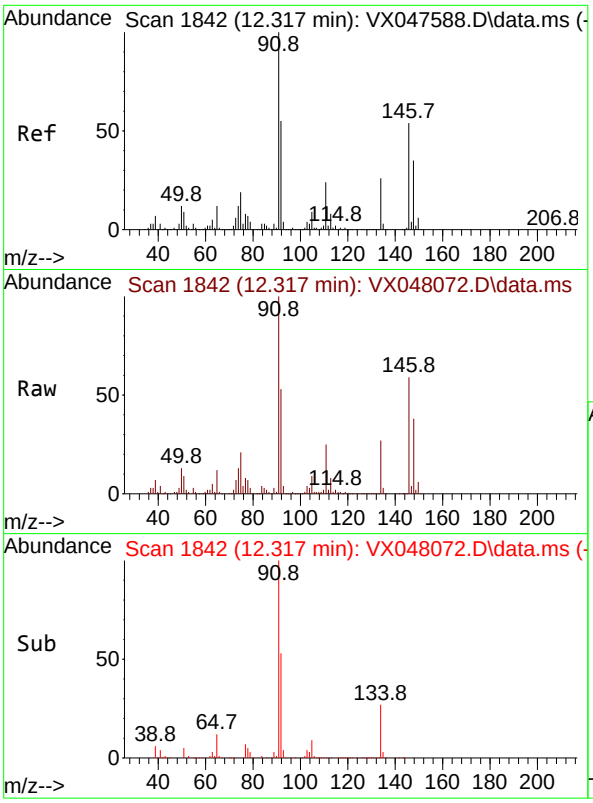


#90
Hexachloroethane
Concen: 52.533 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:117 Resp: 61089

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.2	102.5

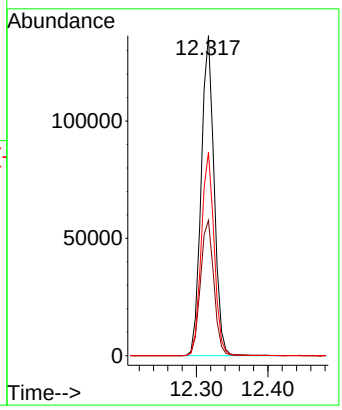




#91
1,2-Dichlorobenzene
Concen: 50.218 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:146 Resp: 17140

Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	63.4	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
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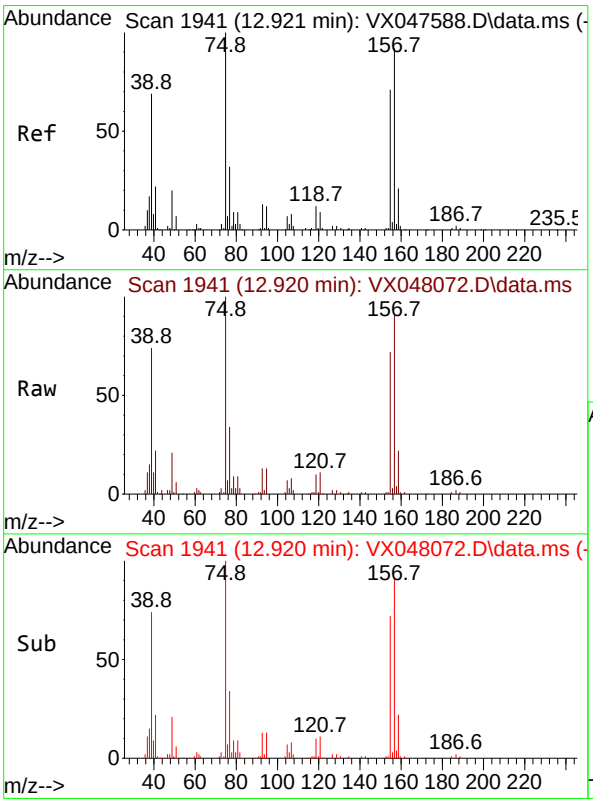
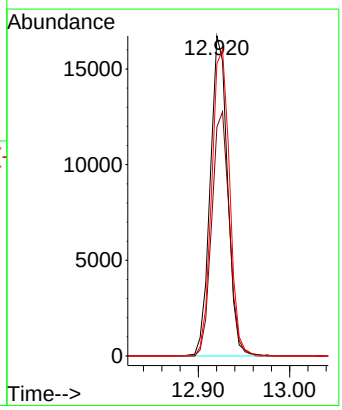
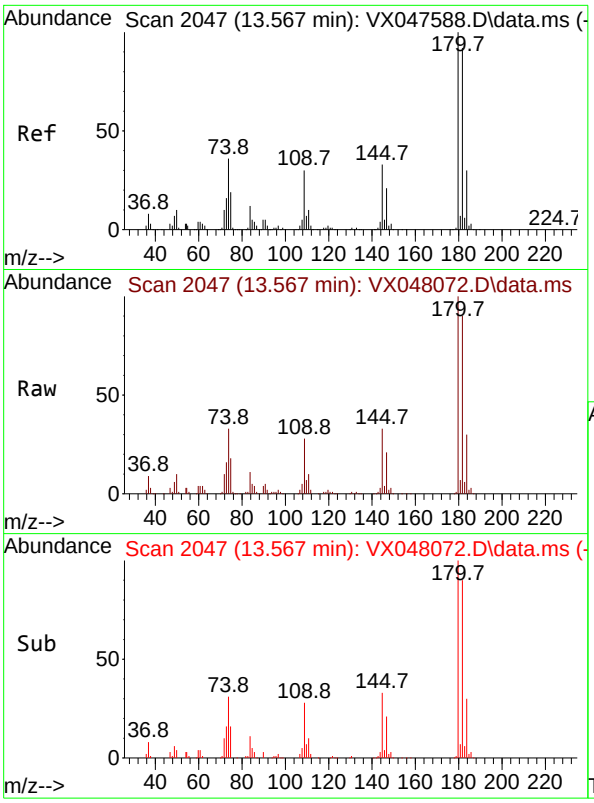


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.842 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion: 75 Resp: 21991

Ion	Ratio	Lower	Upper
75	100		
155	77.3	37.7	113.1
157	98.8	49.8	149.4

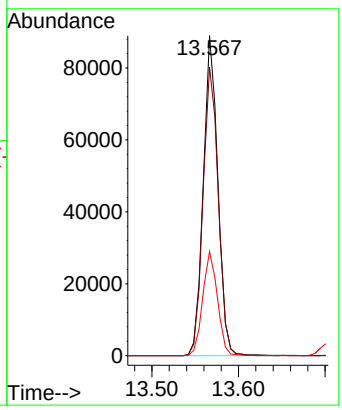




#93
1,2,4-Trichlorobenzene
Concen: 46.884 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:180 Resp: 10400

Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.6	139.8
145	32.9	16.4	49.1



Instrument :
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ClientSampleId :
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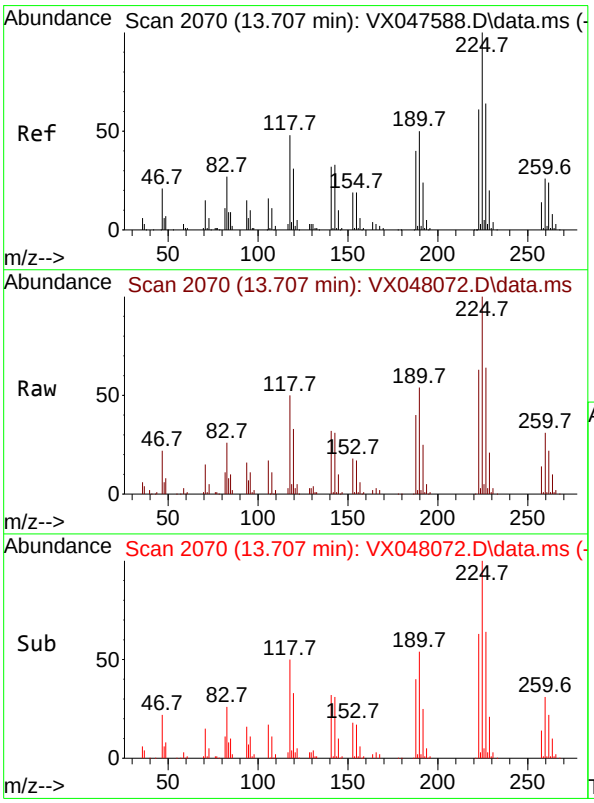
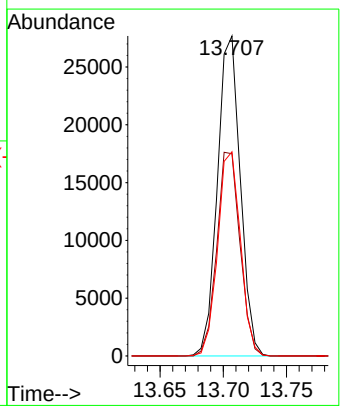
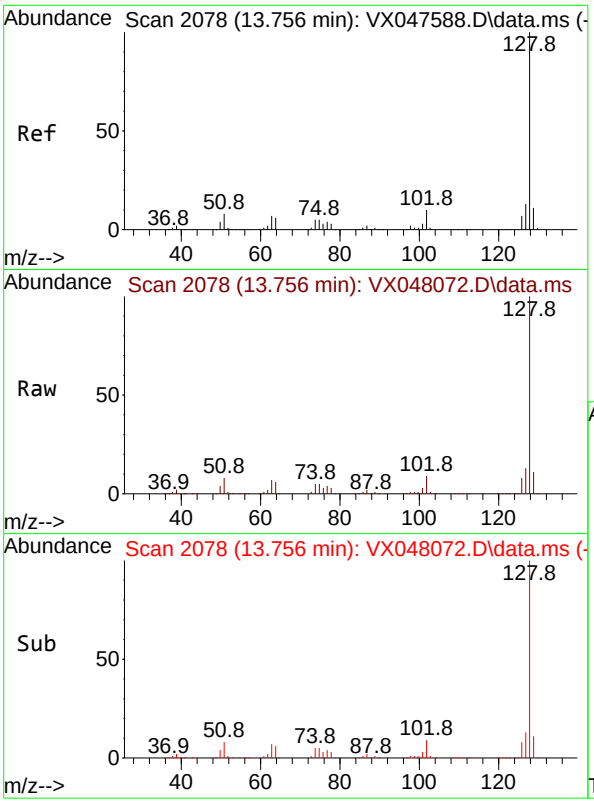


#94
Hexachlorobutadiene
Concen: 46.150 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:225 Resp: 34773

Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.7	95.1
227	63.5	32.0	96.0

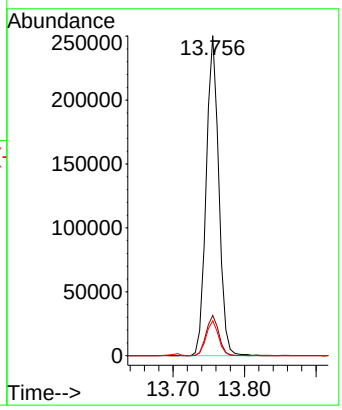




#95
Naphthalene
Concen: 45.333 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:128 Resp: 30621

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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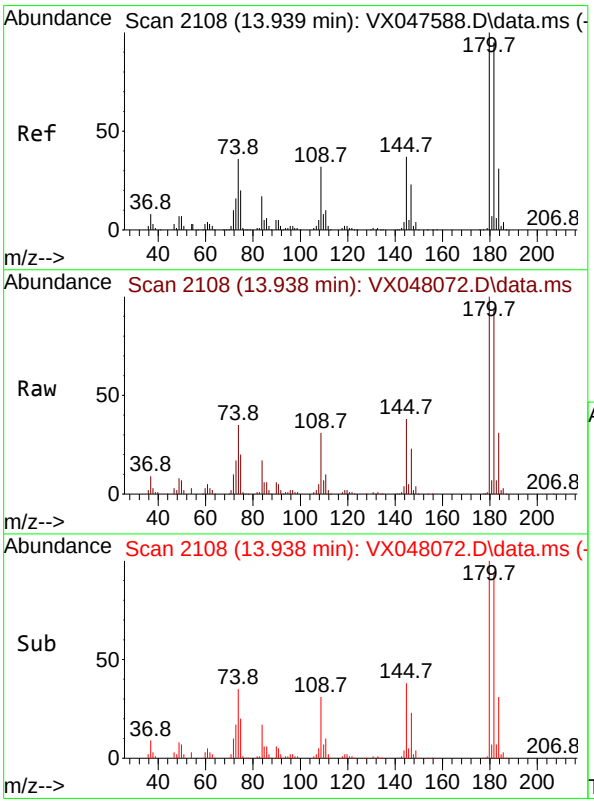
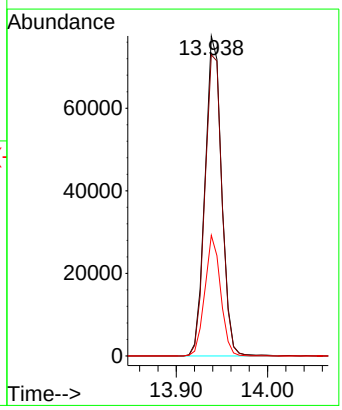


#96
1,2,3-Trichlorobenzene
Concen: 47.250 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048072.D
Acq: 09 Oct 2025 09:06

Tgt Ion:180 Resp: 97500

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.6	142.8
145	35.7	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048072.D
Acq On : 09 Oct 2025 09:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 01:15:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	77	-0.01
2	T	Dichlorodifluoromethane	0.518	0.513	1.0	79	0.00
3	P	Chloromethane	0.680	0.581	14.6	68	0.00
4	C	Vinyl Chloride	0.666	0.624	6.3#	73	0.00
5	T	Bromomethane	0.422	0.425	-0.7	77	0.00
6	T	Chloroethane	0.445	0.436	2.0	76	0.00
7	T	Trichlorofluoromethane	0.989	1.043	-5.5	81	0.00
8	T	Diethyl Ether	0.405	0.419	-3.5	79	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.620	-7.3	82	0.00
10	T	Methyl Iodide	0.902	0.582	35.5#	49#	0.00
11	T	Tert butyl alcohol	0.089	0.072	19.1	63	0.00
12	CM	1,1-Dichloroethene	0.594	0.583	1.9#	74	0.00
13	T	Acrolein	0.082	0.080	2.4	75	0.00
14	T	Allyl chloride	1.226	1.163	5.1	74	0.00
15	T	Acrylonitrile	0.328	0.340	-3.7	76	0.00
16	T	Acetone	0.346	0.337	2.6	82	0.00
17	T	Carbon Disulfide	1.626	1.314	19.2	65	0.00
18	T	Methyl Acetate	0.770	0.843	-9.5	74	0.00
19	T	Methyl tert-butyl Ether	2.169	2.233	-3.0	77	0.00
20	T	Methylene Chloride	0.732	0.743	-1.5	79	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.630	1.6	75	0.00
22	T	Diisopropyl ether	2.376	2.579	-8.5	80	-0.01
23	T	Vinyl Acetate	1.901	1.932	-1.6	75	0.00
24	P	1,1-Dichloroethane	1.263	1.343	-6.3	80	0.00
25	T	2-Butanone	0.432	0.413	4.4	73	0.00
26	T	2,2-Dichloropropane	1.050	1.082	-3.0	78	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.811	-3.6	78	0.00
28	T	Bromochloromethane	0.551	0.609	-10.5	82	-0.01
29	T	Tetrahydrofuran	0.260	0.233	10.4	65	0.00
30	C	Chloroform	1.276	1.406	-10.2#	82	0.00
31	T	Cyclohexane	1.052	0.865	17.8	65	0.00
32	T	1,1,1-Trichloroethane	1.082	1.132	-4.6	78	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.868	-9.0	87	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35	S	Dibromofluoromethane	0.335	0.395	-17.9	90	0.00
36	T	1,1-Dichloropropene	0.490	0.456	6.9	71	0.00
37	T	Ethyl Acetate	0.525	0.482	8.2	69	-0.01
38	T	Carbon Tetrachloride	0.532	0.541	-1.7	76	-0.01
39	T	Methylcyclohexane	0.556	0.473	14.9	63	0.00
40	TM	Benzene	1.488	1.509	-1.4	75	0.00
41	T	Methacrylonitrile	0.271	0.280	-3.3	74	-0.01
42	TM	1,2-Dichloroethane	0.566	0.591	-4.4	77	-0.01
43	T	Isopropyl Acetate	0.860	0.817	5.0	69	0.00
44	TM	Trichloroethene	0.360	0.362	-0.6	74	0.00
45	C	1,2-Dichloropropane	0.381	0.412	-8.1#	79	0.00
46	T	Dibromomethane	0.277	0.294	-6.1	77	0.00
47	T	Bromodichloromethane	0.572	0.640	-11.9	80	0.00
48	T	Methyl methacrylate	0.429	0.413	3.7	70	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048072.D
Acq On : 09 Oct 2025 09:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 01:15:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	74	0.00
50	S	Toluene-d8	1.160	1.266	-9.1	84	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.471	1.3	70	0.00
52	CM	Toluene	0.917	0.926	-1.0#	75	0.00
53	T	t-1,3-Dichloropropene	0.584	0.610	-4.5	75	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.661	-5.9	77	0.00
55	T	1,1,2-Trichloroethane	0.354	0.388	-9.6	80	0.00
56	T	Ethyl methacrylate	0.555	0.554	0.2	70	0.00
57	T	1,3-Dichloropropane	0.607	0.661	-8.9	78	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.282	-24.2	78	0.00
59	T	2-Hexanone	0.343	0.324	5.5	68	0.00
60	T	Dibromochloromethane	0.407	0.470	-15.5	82	0.00
61	T	1,2-Dibromoethane	0.360	0.384	-6.7	77	0.00
62	S	4-Bromofluorobenzene	0.440	0.481	-9.3	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64	T	Tetrachloroethene	0.326	0.303	7.1	72	0.00
65	PM	Chlorobenzene	1.136	1.155	-1.7	76	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.438	-11.7	82	0.00
67	C	Ethyl Benzene	1.960	1.942	0.9#	74	0.00
68	T	m/p-Xylenes	0.729	0.727	0.3	74	0.00
69	T	o-Xylene	0.706	0.705	0.1	73	0.00
70	T	Styrene	1.236	1.279	-3.5	76	0.00
71	P	Bromoform	0.293	0.321	-9.6	79	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00
73	T	Isopropylbenzene	3.801	3.755	1.2	75	0.00
74	T	N-amyl acetate	1.733	1.578	8.9	68	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.184	-3.0	78	0.00
76	T	1,2,3-Trichloropropane	1.012	0.924	8.7	66	0.00
77	T	Bromobenzene	0.936	0.929	0.7	76	0.00
78	T	n-propylbenzene	4.494	4.393	2.2	74	0.00
79	T	2-Chlorotoluene	2.752	2.724	1.0	75	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.073	1.6	74	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.355	10.6	69	0.00
82	T	4-Chlorotoluene	3.251	3.219	1.0	76	0.00
83	T	tert-Butylbenzene	3.197	3.194	0.1	77	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.124	1.3	75	0.00
85	T	sec-Butylbenzene	3.797	3.719	2.1	74	0.00
86	T	p-Isopropyltoluene	3.215	3.115	3.1	73	0.00
87	T	1,3-Dichlorobenzene	1.739	1.723	0.9	76	0.00
88	T	1,4-Dichlorobenzene	1.785	1.753	1.8	77	0.00
89	T	n-Butylbenzene	2.975	2.849	4.2	73	0.00
90	T	Hexachloroethane	0.564	0.593	-5.1	81	0.00
91	T	1,2-Dichlorobenzene	1.657	1.664	-0.4	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.213	8.6	68	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.010	6.2	70	0.00
94	T	Hexachlorobutadiene	0.366	0.338	7.7	71	0.00
95	T	Naphthalene	3.279	2.973	9.3	68	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048072.D
Acq On : 09 Oct 2025 09:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 01:15:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.947	5.5	70	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048072.D
Acq On : 09 Oct 2025 09:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 01:15:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	77	-0.01
2	T	Dichlorodifluoromethane	50.000	49.589	0.8	79	0.00
3	P	Chloromethane	50.000	42.725	14.5	68	0.00
4	C	Vinyl Chloride	50.000	46.839	6.3#	73	0.00
5	T	Bromomethane	50.000	50.297	-0.6	77	0.00
6	T	Chloroethane	50.000	49.006	2.0	76	0.00
7	T	Trichlorofluoromethane	50.000	52.705	-5.4	81	0.00
8	T	Diethyl Ether	50.000	51.785	-3.6	79	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.613	-7.2	82	0.00
10	T	Methyl Iodide	50.000	32.273	35.5#	49	0.00
11	T	Tert butyl alcohol	250.000	203.758	18.5	63	0.00
12	CM	1,1-Dichloroethene	50.000	49.038	1.9#	74	0.00
13	T	Acrolein	250.000	243.432	2.6	75	0.00
14	T	Allyl chloride	50.000	47.422	5.2	74	0.00
15	T	Acrylonitrile	250.000	259.244	-3.7	76	0.00
16	T	Acetone	250.000	243.822	2.5	82	0.00
17	T	Carbon Disulfide	50.000	40.392	19.2	65	0.00
18	T	Methyl Acetate	50.000	54.707	-9.4	74	0.00
19	T	Methyl tert-butyl Ether	50.000	51.483	-3.0	77	0.00
20	T	Methylene Chloride	50.000	50.689	-1.4	79	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.217	1.6	75	0.00
22	T	Diisopropyl ether	50.000	54.272	-8.5	80	-0.01
23	T	Vinyl Acetate	250.000	254.054	-1.6	75	0.00
24	P	1,1-Dichloroethane	50.000	53.170	-6.3	80	0.00
25	T	2-Butanone	250.000	239.067	4.4	73	0.00
26	T	2,2-Dichloropropane	50.000	51.551	-3.1	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.774	-3.5	78	0.00
28	T	Bromochloromethane	50.000	55.247	-10.5	82	-0.01
29	T	Tetrahydrofuran	250.000	224.312	10.3	65	0.00
30	C	Chloroform	50.000	55.097	-10.2#	82	0.00
31	T	Cyclohexane	50.000	41.104	17.8	65	0.00
32	T	1,1,1-Trichloroethane	50.000	52.303	-4.6	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.510	-9.0	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35	S	Dibromofluoromethane	50.000	58.882	-17.8	90	0.00
36	T	1,1-Dichloropropene	50.000	46.521	7.0	71	0.00
37	T	Ethyl Acetate	50.000	45.971	8.1	69	-0.01
38	T	Carbon Tetrachloride	50.000	50.811	-1.6	76	-0.01
39	T	Methylcyclohexane	50.000	42.557	14.9	63	0.00
40	TM	Benzene	50.000	50.695	-1.4	75	0.00
41	T	Methacrylonitrile	50.000	51.630	-3.3	74	-0.01
42	TM	1,2-Dichloroethane	50.000	52.161	-4.3	77	-0.01
43	T	Isopropyl Acetate	50.000	47.447	5.1	69	0.00
44	TM	Trichloroethene	50.000	50.345	-0.7	74	0.00
45	C	1,2-Dichloropropane	50.000	54.087	-8.2#	79	0.00
46	T	Dibromomethane	50.000	53.086	-6.2	77	0.00
47	T	Bromodichloromethane	50.000	55.959	-11.9	80	0.00
48	T	Methyl methacrylate	50.000	48.122	3.8	70	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048072.D
Acq On : 09 Oct 2025 09:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 01:15:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1078.083	-7.8	74	0.00
50	S	Toluene-d8	50.000	54.570	-9.1	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.669	1.3	70	0.00
52	CM	Toluene	50.000	50.478	-1.0#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	52.219	-4.4	75	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.981	-6.0	77	0.00
55	T	1,1,2-Trichloroethane	50.000	54.809	-9.6	80	0.00
56	T	Ethyl methacrylate	50.000	49.904	0.2	70	0.00
57	T	1,3-Dichloropropane	50.000	54.392	-8.8	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	264.840	-5.9	78	0.00
59	T	2-Hexanone	250.000	236.316	5.5	68	0.00
60	T	Dibromochloromethane	50.000	57.636	-15.3	82	0.00
61	T	1,2-Dibromoethane	50.000	53.316	-6.6	77	0.00
62	S	4-Bromofluorobenzene	50.000	54.587	-9.2	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	46.503	7.0	72	0.00
65	PM	Chlorobenzene	50.000	50.846	-1.7	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.925	-11.8	82	0.00
67	C	Ethyl Benzene	50.000	49.538	0.9#	74	0.00
68	T	m/p-Xylenes	100.000	99.667	0.3	74	0.00
69	T	o-Xylene	50.000	49.964	0.1	73	0.00
70	T	Styrene	50.000	51.713	-3.4	76	0.00
71	P	Bromoform	50.000	54.809	-9.6	79	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73	T	Isopropylbenzene	50.000	49.390	1.2	75	0.00
74	T	N-amyl acetate	50.000	45.527	8.9	68	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.476	-3.0	78	0.00
76	T	1,2,3-Trichloropropane	50.000	45.623	8.8	66	0.00
77	T	Bromobenzene	50.000	49.608	0.8	76	0.00
78	T	n-propylbenzene	50.000	48.883	2.2	74	0.00
79	T	2-Chlorotoluene	50.000	49.487	1.0	75	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.195	1.6	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.672	10.7	69	0.00
82	T	4-Chlorotoluene	50.000	49.516	1.0	76	0.00
83	T	tert-Butylbenzene	50.000	49.946	0.1	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.336	1.3	75	0.00
85	T	sec-Butylbenzene	50.000	48.971	2.1	74	0.00
86	T	p-Isopropyltoluene	50.000	48.448	3.1	73	0.00
87	T	1,3-Dichlorobenzene	50.000	49.540	0.9	76	0.00
88	T	1,4-Dichlorobenzene	50.000	49.106	1.8	77	0.00
89	T	n-Butylbenzene	50.000	47.890	4.2	73	0.00
90	T	Hexachloroethane	50.000	52.533	-5.1	81	0.00
91	T	1,2-Dichlorobenzene	50.000	50.218	-0.4	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.842	8.3	68	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.884	6.2	70	0.00
94	T	Hexachlorobutadiene	50.000	46.150	7.7	71	0.00
95	T	Naphthalene	50.000	45.333	9.3	68	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048072.D
Acq On : 09 Oct 2025 09:06
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 01:15:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.250	5.5	70	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG No.: Q3311

Instrument ID: MSVOA_X | Calibration Date/Time: 10/10/2025 10:45

Lab File ID: VX048100.D | Init. Calib. Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.649		25.29	20
Chloromethane	0.680	0.784	0.1	15.29	20
Vinyl Chloride	0.666	0.823		23.57	20
Bromomethane	0.422	0.549		30.09	20
Chloroethane	0.445	0.521		17.08	20
Trichlorofluoromethane	0.989	1.220		23.36	20
1,1,2-Trichlorotrifluoroethane	0.578	0.696		20.42	20
1,1-Dichloroethene	0.594	0.700		17.84	20
Acetone	0.346	0.329		-4.91	20
Carbon Disulfide	1.626	2.098		29.03	20
Methyl tert-butyl Ether	2.169	2.245		3.5	20
Methyl Acetate	0.770	0.680		-11.69	20
Methylene Chloride	0.732	0.797		8.88	20
trans-1,2-Dichloroethene	0.640	0.750		17.19	20
1,1-Dichloroethane	1.263	1.418	0.1	12.27	20
Cyclohexane	1.052	1.209		14.92	20
2-Butanone	0.432	0.394		-8.8	20
Carbon Tetrachloride	0.532	0.618		16.17	20
cis-1,2-Dichloroethene	0.783	0.864		10.35	20
Bromochloromethane	0.551	0.545		-1.09	20
Chloroform	1.276	1.444		13.17	20
1,1,1-Trichloroethane	1.082	1.249		15.43	20
Methylcyclohexane	0.556	0.683		22.84	20
Benzene	1.488	1.737		16.73	20
1,2-Dichloroethane	0.566	0.633		11.84	20
Trichloroethene	0.360	0.428		18.89	20
1,2-Dichloropropane	0.381	0.437		14.7	20
Bromodichloromethane	0.572	0.653		14.16	20
4-Methyl-2-Pentanone	0.477	0.460		-3.56	20
Toluene	0.917	1.068		16.47	20
t-1,3-Dichloropropene	0.584	0.658		12.67	20
cis-1,3-Dichloropropene	0.624	0.727		16.51	20
1,1,2-Trichloroethane	0.354	0.390		10.17	20
2-Hexanone	0.343	0.326		-4.96	20
Dibromochloromethane	0.407	0.478		17.44	20
1,2-Dibromoethane	0.360	0.413		14.72	20
Tetrachloroethene	0.326	0.385		18.1	20
Chlorobenzene	1.136	1.300	0.3	14.44	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG No.: Q3311
Instrument ID: MSVOA_X
Calibration Date/Time: 10/10/2025 10:45
Lab File ID: VX048100.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.276		16.12	20
m/p-Xylenes	0.729	0.856		17.42	20
o-Xylene	0.706	0.816		15.58	20
Styrene	1.236	1.415		14.48	20
Bromoform	0.293	0.318	0.1	8.53	20
Isopropylbenzene	3.801	4.257		12	20
1,1,2,2-Tetrachloroethane	1.150	1.154	0.3	0.35	20
1,3-Dichlorobenzene	1.739	1.911		9.89	20
1,4-Dichlorobenzene	1.785	1.930		8.12	20
1,2-Dichlorobenzene	1.657	1.793		8.21	20
1,2-Dibromo-3-Chloropropane	0.233	0.211		-9.44	20
1,2,4-Trichlorobenzene	1.077	1.124		4.36	20
1,2,3-Trichlorobenzene	1.002	1.066		6.39	20
1,2-Dichloroethane-d4	0.796	0.748		-6.03	20
Dibromofluoromethane	0.335	0.343		2.39	20
Toluene-d8	1.160	1.162		0.17	20
4-Bromofluorobenzene	0.440	0.449		2.05	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.525	168	124915	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.738	114	216127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	194988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	96783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	93456	47.002	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.000%			
35) Dibromofluoromethane	5.367	113	74051	51.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.180%			
50) Toluene-d8	8.628	98	251236	50.093	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.180%			
62) 4-Bromofluorobenzene	11.061	95	97098	51.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	81109	62.704	ug/l	98
3) Chloromethane	1.300	50	97878	57.574	ug/l	97
4) Vinyl Chloride	1.380	62	102862	61.811	ug/l	99
5) Bromomethane	1.617	94	68518	64.930	ug/l	97
6) Chloroethane	1.697	64	65044	58.479	ug/l	98
7) Trichlorofluoromethane	1.898	101	152384	61.671	ug/l	99
8) Diethyl Ether	2.130	74	54952	54.366	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	86905	60.150	ug/l	99
10) Methyl Iodide	2.453	142	116123	51.534	ug/l	98
11) Tert butyl alcohol	2.934	59	43381	195.898	ug/l	98
12) 1,1-Dichloroethene	2.325	96	87425	58.907	ug/l	96
13) Acrolein	2.233	56	47835	234.408	ug/l	99
14) Allyl chloride	2.666	41	161620	52.773	ug/l	98
15) Acrylonitrile	3.050	53	202214	246.526	ug/l	99
16) Acetone	2.367	43	205691	237.922	ug/l	99
17) Carbon Disulfide	2.514	76	262076	64.504	ug/l	98
18) Methyl Acetate	2.697	43	84895	44.124	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	280425	51.761	ug/l	100
20) Methylene Chloride	2.788	84	99593	54.423	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	93653	58.612	ug/l	97
22) Diisopropyl ether	3.745	45	326089	54.941	ug/l	90
23) Vinyl Acetate	3.709	43	1287419	271.021	ug/l	100
24) 1,1-Dichloroethane	3.599	63	177097	56.138	ug/l	100
25) 2-Butanone	4.532	43	246324	228.417	ug/l	99
26) 2,2-Dichloropropane	4.458	77	148425	56.601	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	107914	55.148	ug/l	99
28) Bromochloromethane	4.879	49	68086	49.437	ug/l	100
29) Tetrahydrofuran	4.983	42	146178	225.327	ug/l	99
30) Chloroform	5.074	83	180351	56.575	ug/l	100
31) Cyclohexane	5.452	56	150992	57.468	ug/l	99
32) 1,1,1-Trichloroethane	5.367	97	156023	57.701	ug/l	99
36) 1,1-Dichloropropene	5.672	75	123591	58.352	ug/l	99
37) Ethyl Acetate	4.690	43	106007	46.745	ug/l	100
38) Carbon Tetrachloride	5.659	117	133595	58.053	ug/l	96
39) Methylcyclohexane	7.360	83	147663	61.418	ug/l	99
40) Benzene	6.019	78	375362	58.350	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	60306	51.510	ug/l	98
42) 1,2-Dichloroethane	6.068	62	136805	55.892	ug/l	99
43) Isopropyl Acetate	6.318	43	178436	47.975	ug/l	99
44) Trichloroethene	7.104	130	92498	59.475	ug/l	95
45) 1,2-Dichloropropane	7.409	63	94355	57.281	ug/l	99
46) Dibromomethane	7.561	93	67175	56.040	ug/l	98
47) Bromodichloromethane	7.805	83	141066	57.029	ug/l	97
48) Methyl methacrylate	7.671	41	90685	48.949	ug/l	97
49) 1,4-Dioxane	7.641	88	20838	1112.974	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	497592	241.298	ug/l	99
52) Toluene	8.702	92	230924	58.265	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	142267	56.386	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	157025	58.227	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	84224	55.112	ug/l	98
56) Ethyl methacrylate	9.098	69	125680	52.366	ug/l	99
57) 1,3-Dichloropropane	9.287	76	148399	56.528	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	312902	271.315	ug/l	100
59) 2-Hexanone	9.409	43	352211	237.813	ug/l	100
60) Dibromochloromethane	9.500	129	103266	58.645	ug/l	99
61) 1,2-Dibromoethane	9.592	107	89251	57.338	ug/l	99
64) Tetrachloroethene	9.256	164	74999	59.002	ug/l	98
65) Chlorobenzene	10.061	112	253389	57.202	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.146	131	86143	56.355	ug/l	96
67) Ethyl Benzene	10.177	91	443706	58.052	ug/l	99
68) m/p-Xylenes	10.281	106	333897	117.368	ug/l	99
69) o-Xylene	10.622	106	159091	57.817	ug/l	99
70) Styrene	10.634	104	276000	57.245	ug/l	99
71) Bromoform	10.780	173	62086	54.395	ug/l	99
73) Isopropylbenzene	10.945	105	411969	55.989	ug/l	100
74) N-amyl acetate	10.823	43	155119	46.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	111713	50.181	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	89204m	45.523	ug/l	
77) Bromobenzene	11.177	156	99309	54.799	ug/l	97
78) n-propylbenzene	11.286	91	496845	57.121	ug/l	100
79) 2-Chlorotoluene	11.347	91	297049	55.758	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	338016	55.914	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	36316	47.261	ug/l	99
82) 4-Chlorotoluene	11.433	91	347825	55.281	ug/l	100
83) tert-Butylbenzene	11.695	119	336170	54.322	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	345195	56.322	ug/l	100
85) sec-Butylbenzene	11.872	105	420318	57.181	ug/l	100
86) p-Isopropyltoluene	11.988	119	352041	56.570	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	184986	54.956	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	186831	54.079	ug/l	99
89) n-Butylbenzene	12.311	91	333120	57.851	ug/l	98
90) Hexachloroethane	12.518	117	64375	58.920	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	173500	54.103	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	20373	45.201	ug/l	97
93) 1,2,4-Trichlorobenzene	13.567	180	108755	52.181	ug/l	99
94) Hexachlorobutadiene	13.707	225	40846	57.698	ug/l	100
95) Naphthalene	13.756	128	301510	47.508	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	103180	53.220	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

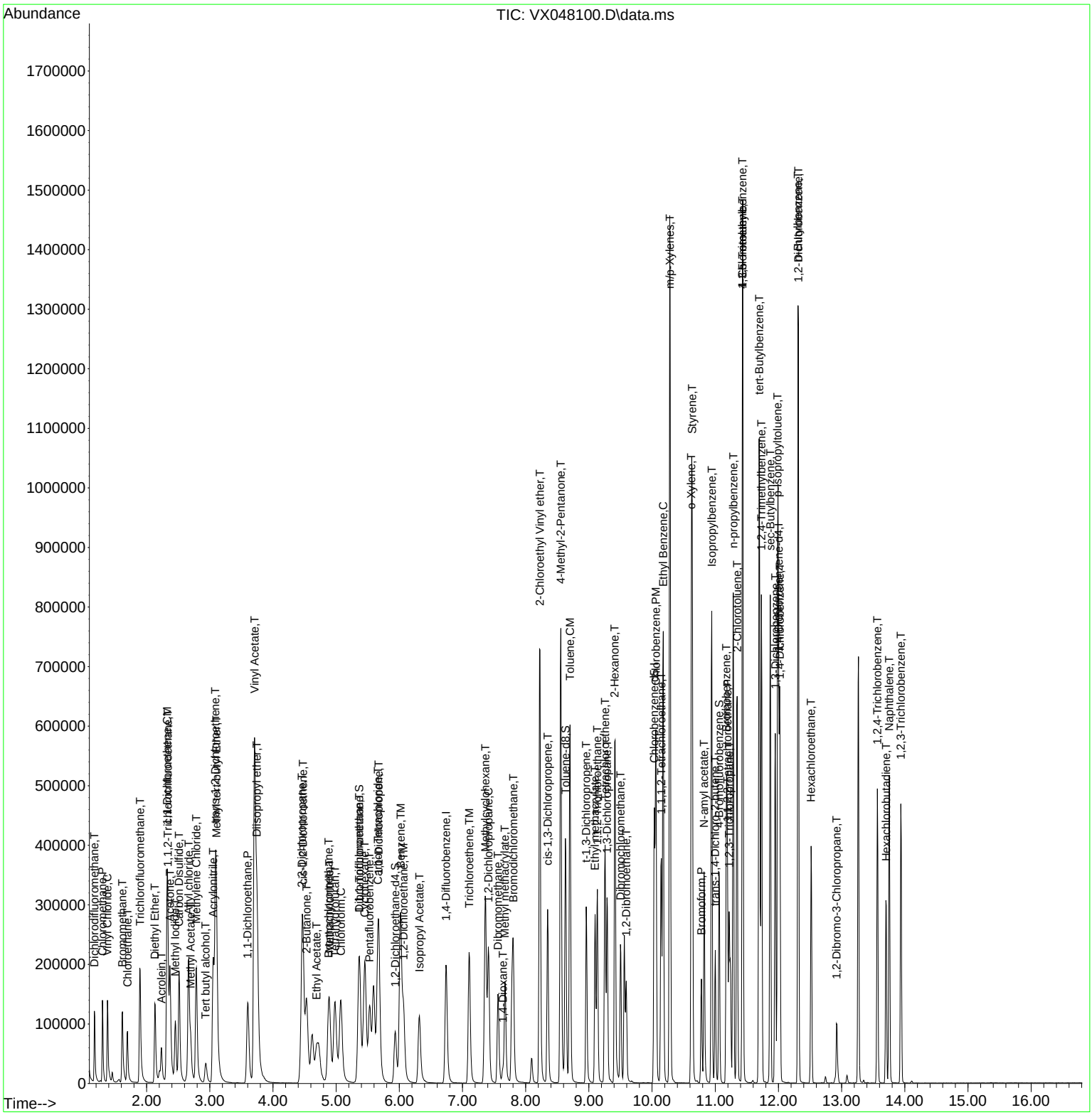
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

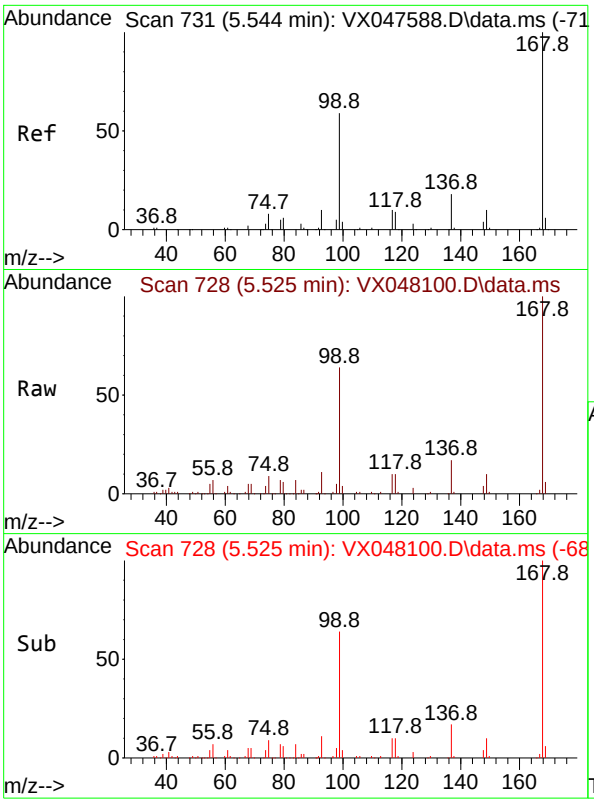
Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

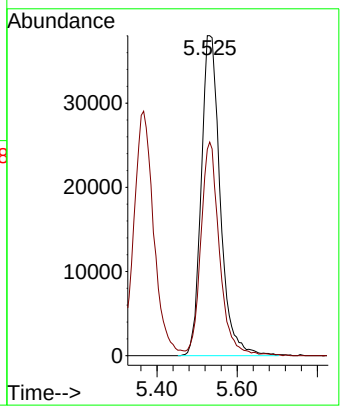




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 7
Delta R.T. -0.019 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:168 Resp: 12491

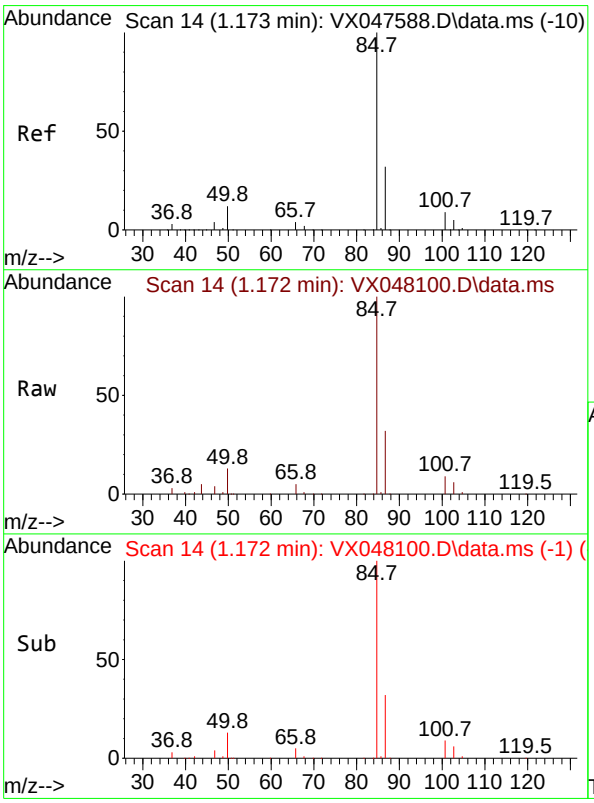
Ion	Ratio	Lower	Upper
168	100		
99	64.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

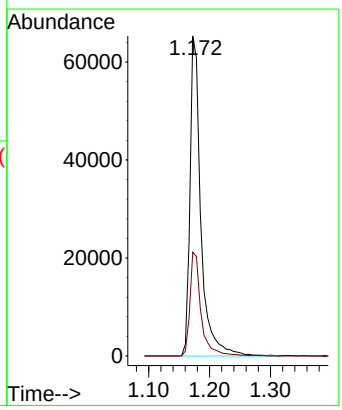
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

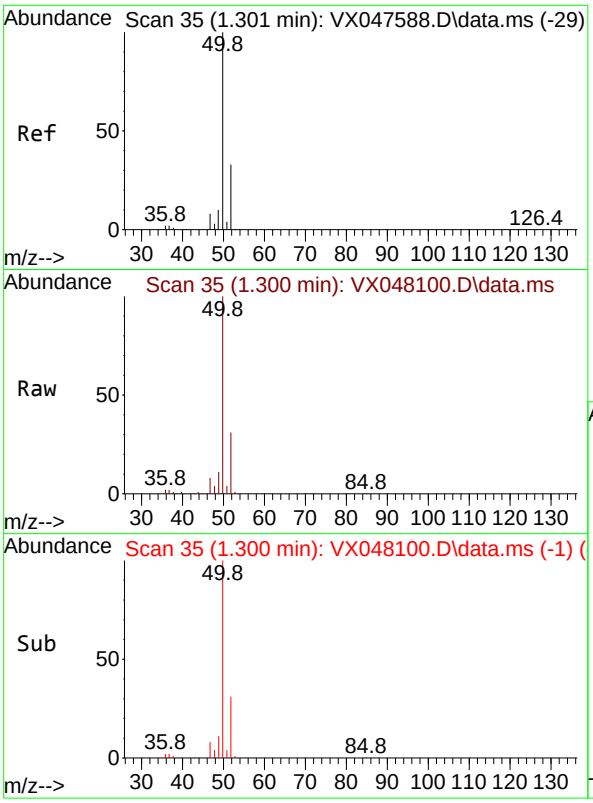


#2
Dichlorodifluoromethane
Concen: 62.704 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 85 Resp: 81109

Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.8	47.3

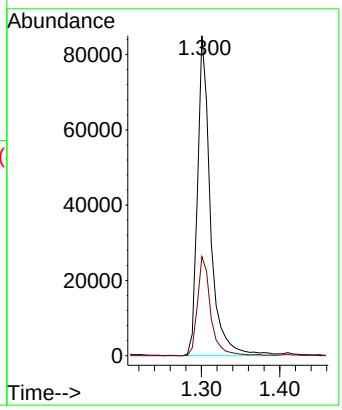




#3
Chloromethane
Concen: 57.574 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 50 Resp: 9787

Ion	Ratio	Lower	Upper
50	100		
52	31.0	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2025
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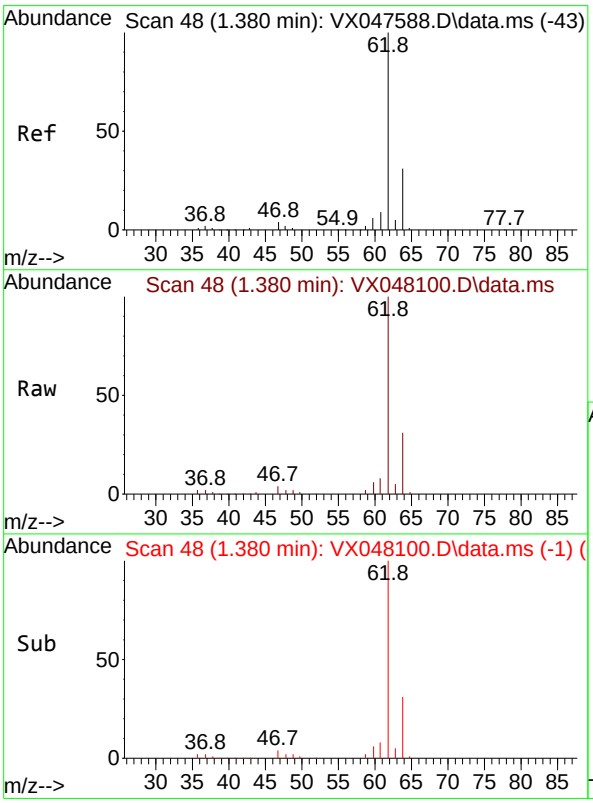
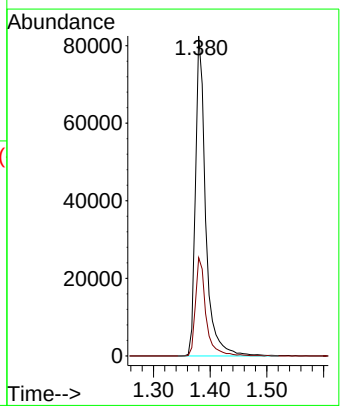
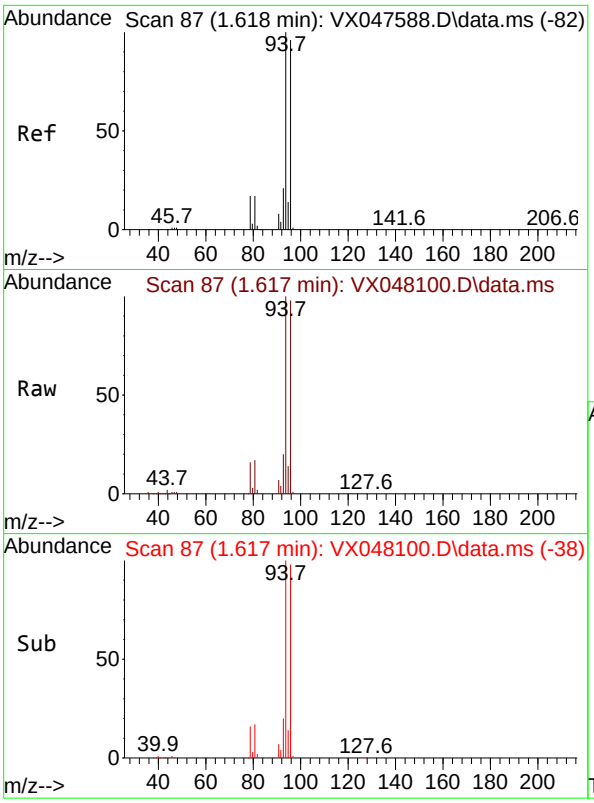


#4
Vinyl Chloride
Concen: 61.811 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 62 Resp: 102862

Ion	Ratio	Lower	Upper
62	100		
64	30.7	24.9	37.3

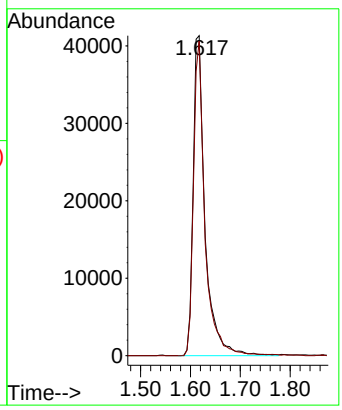




#5
Bromomethane
Concen: 64.930 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 94 Resp: 6851

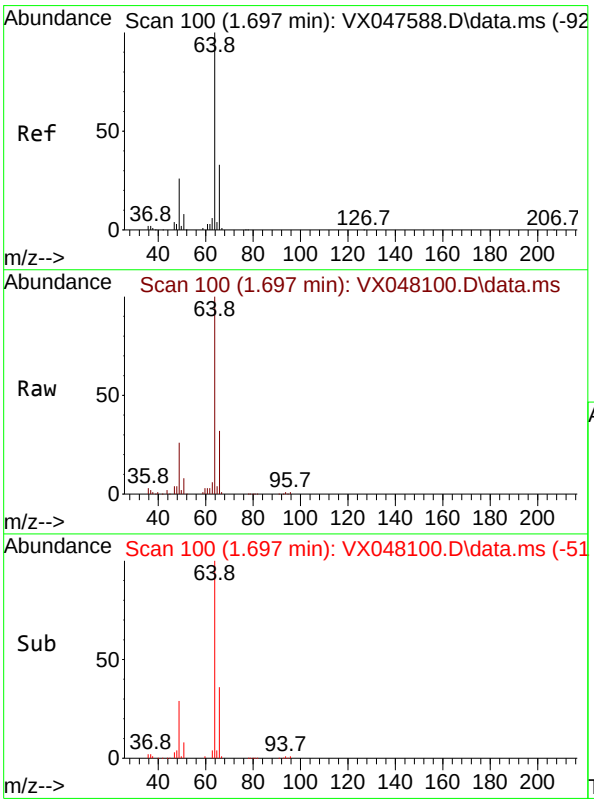
Ion	Ratio	Lower	Upper
94	100		
96	98.4	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

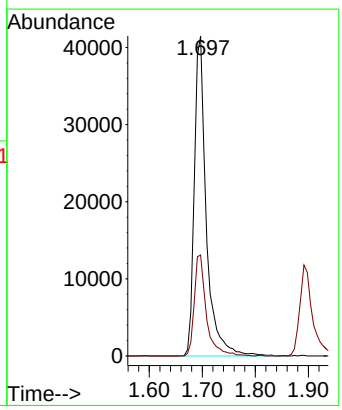
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

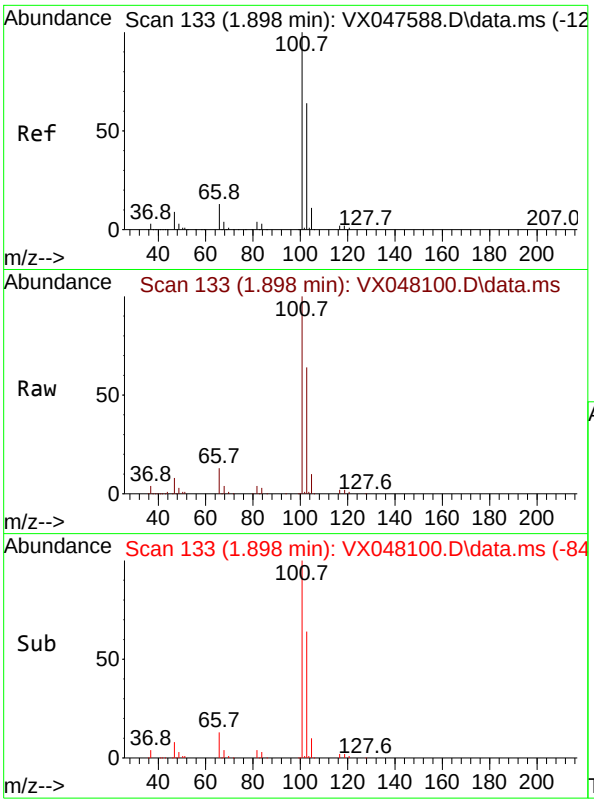


#6
Chloroethane
Concen: 58.479 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 64 Resp: 65044

Ion	Ratio	Lower	Upper
64	100		
66	31.6	26.1	39.1

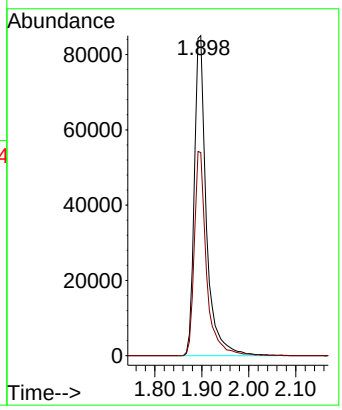




#7
Trichlorofluoromethane
Concen: 61.671 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:101 Resp: 15238

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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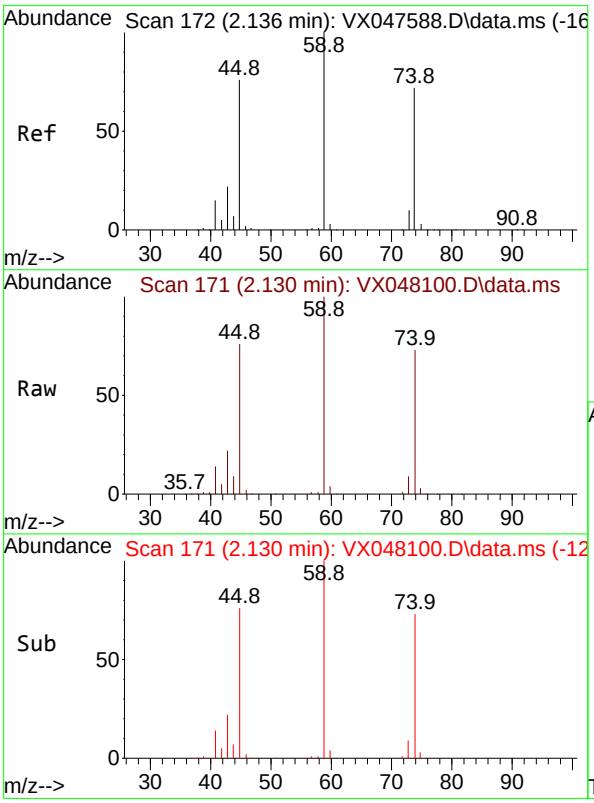
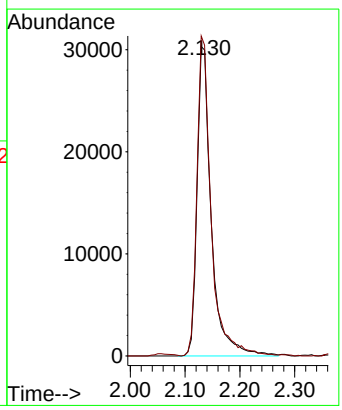
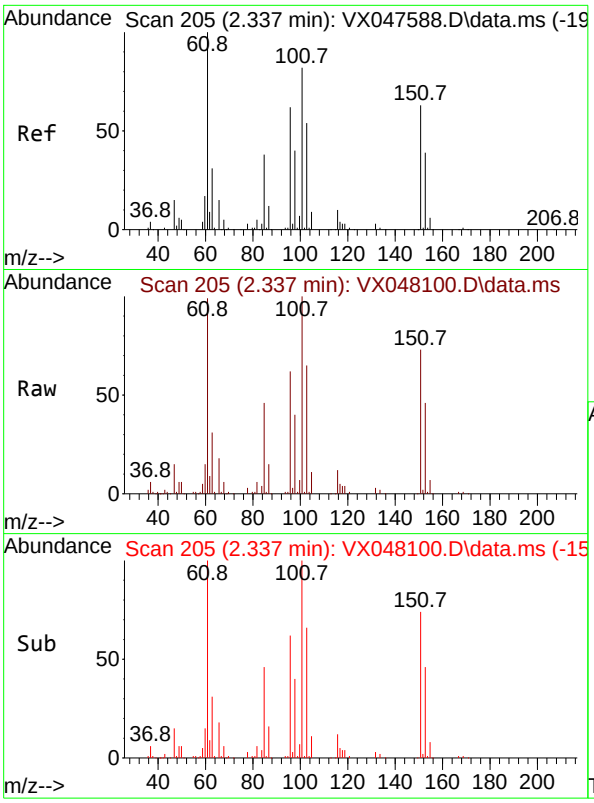


#8
Diethyl Ether
Concen: 54.366 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 74 Resp: 54952

Ion	Ratio	Lower	Upper
74	100		
45	103.0	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.150 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:101 Resp: 8690

Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	72.6	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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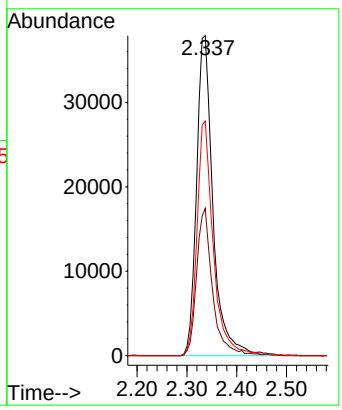
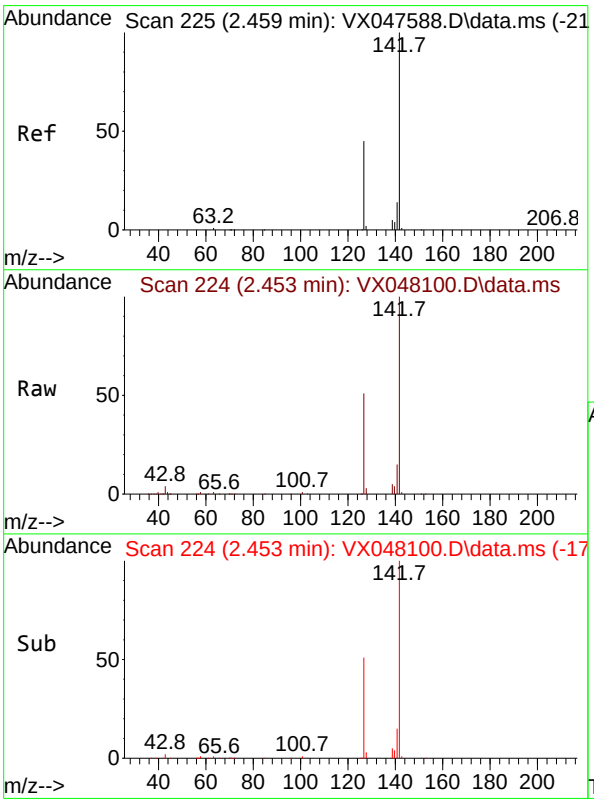
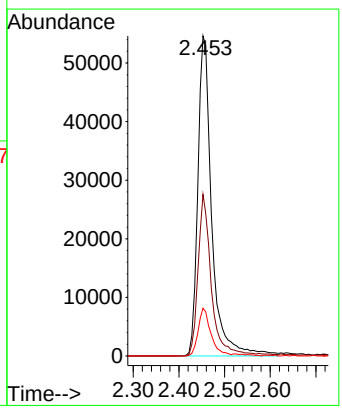


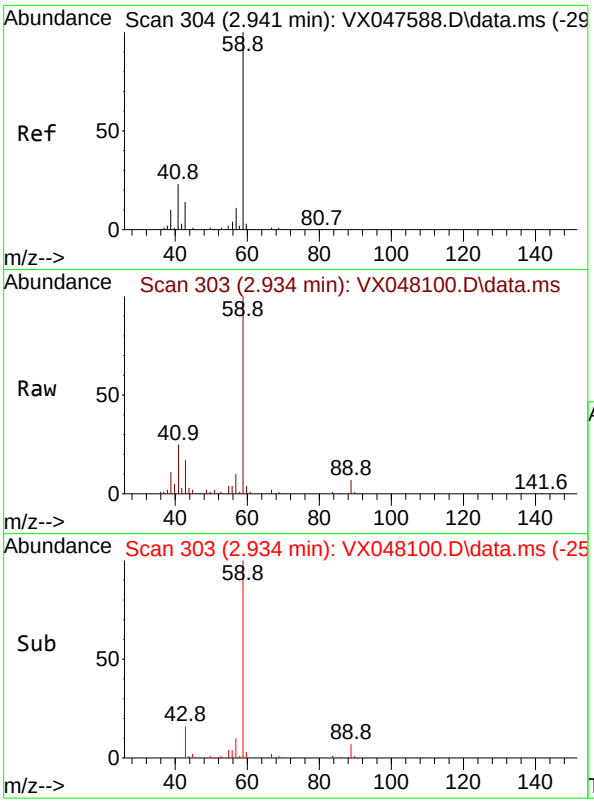


#10
Methyl Iodide
Concen: 51.534 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:142 Resp: 116123

Ion	Ratio	Lower	Upper
142	100		
127	47.7	37.2	55.8
141	13.6	11.4	17.0

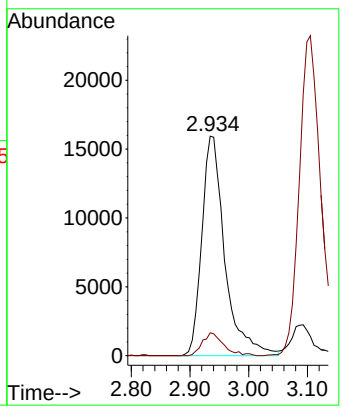




#11
Tert butyl alcohol
Concen: 195.898 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 59 Resp: 4338

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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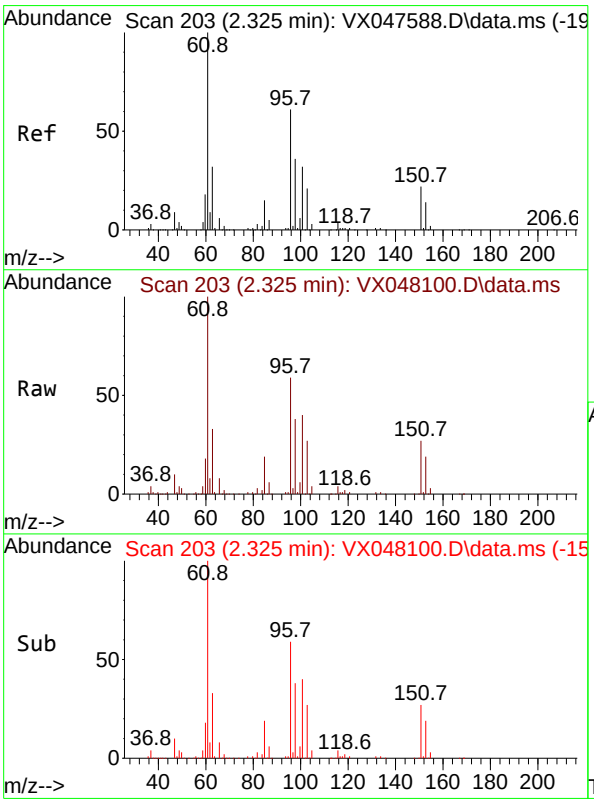
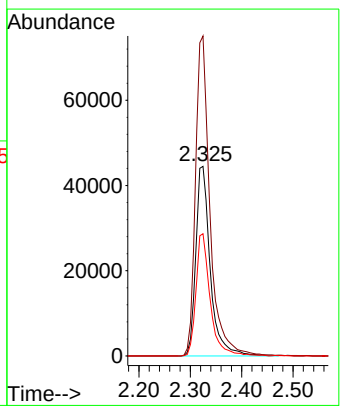
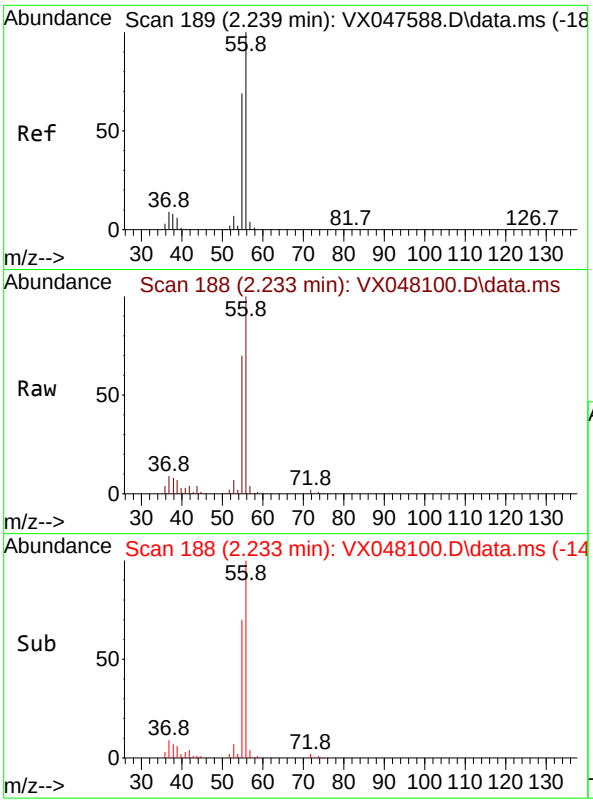


#12
1,1-Dichloroethene
Concen: 58.907 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 96 Resp: 87425

Ion	Ratio	Lower	Upper
96	100		
61	168.7	131.0	196.6
98	64.5	47.7	71.5

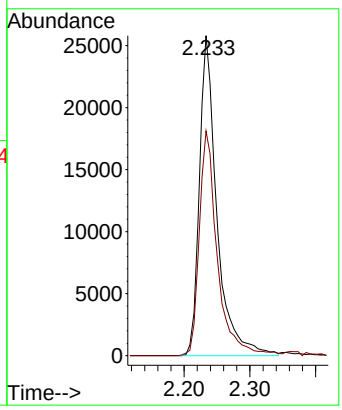




#13
Acrolein
Concen: 234.408 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 56 Resp: 4783

Ion	Ratio	Lower	Upper
56	100		
55	72.2	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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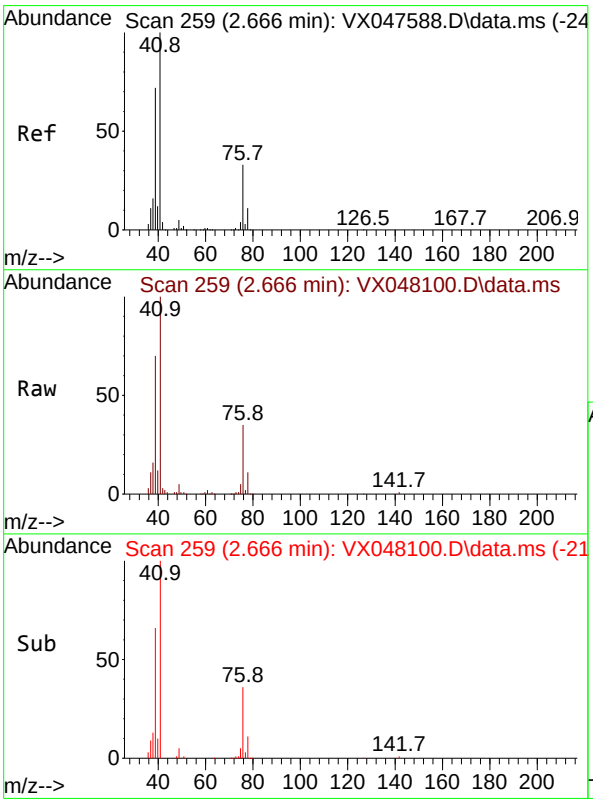
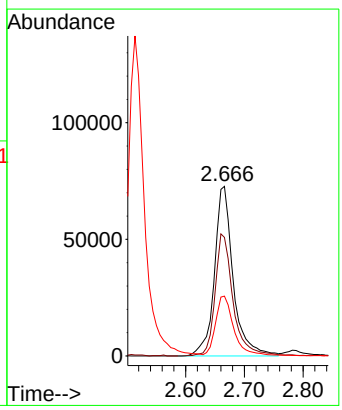
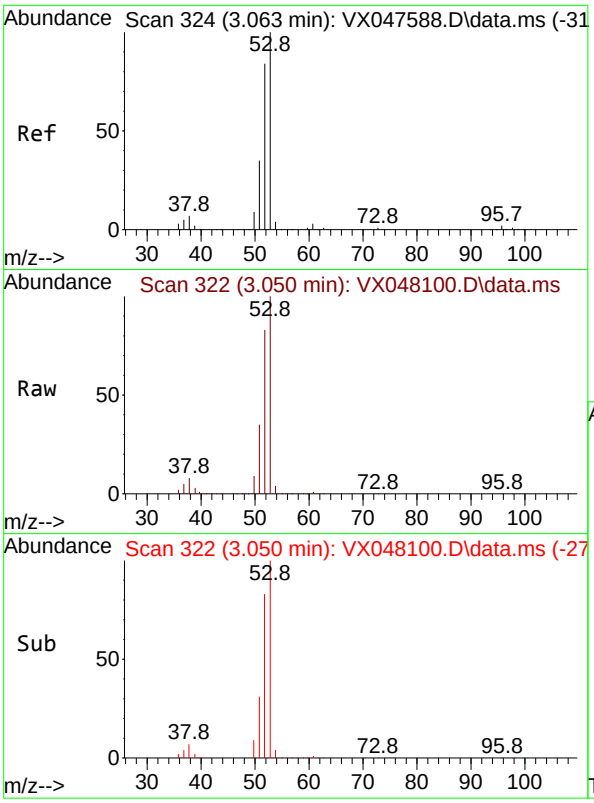


#14
Allyl chloride
Concen: 52.773 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 41 Resp: 161620

Ion	Ratio	Lower	Upper
41	100		
39	69.3	54.7	82.1
76	34.3	25.7	38.5

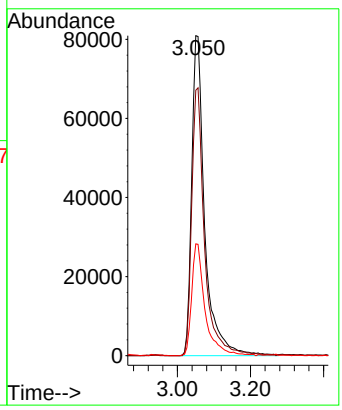




#15
Acrylonitrile
Concen: 246.526 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 53 Resp: 20221

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.4	99.6
51	35.9	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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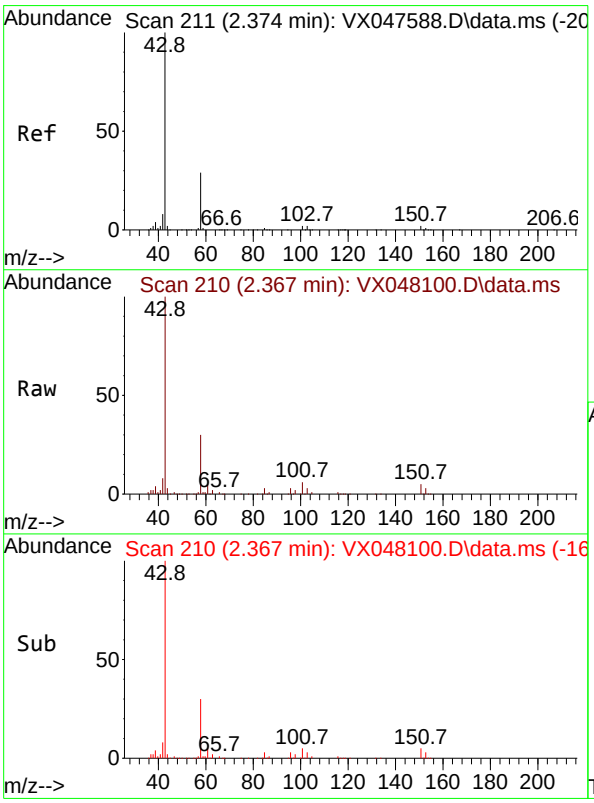
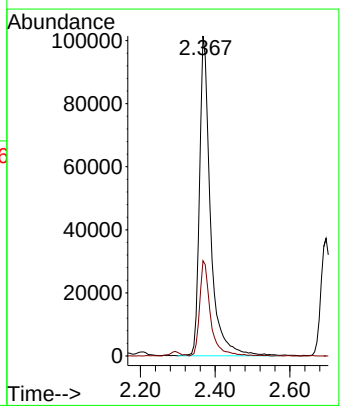
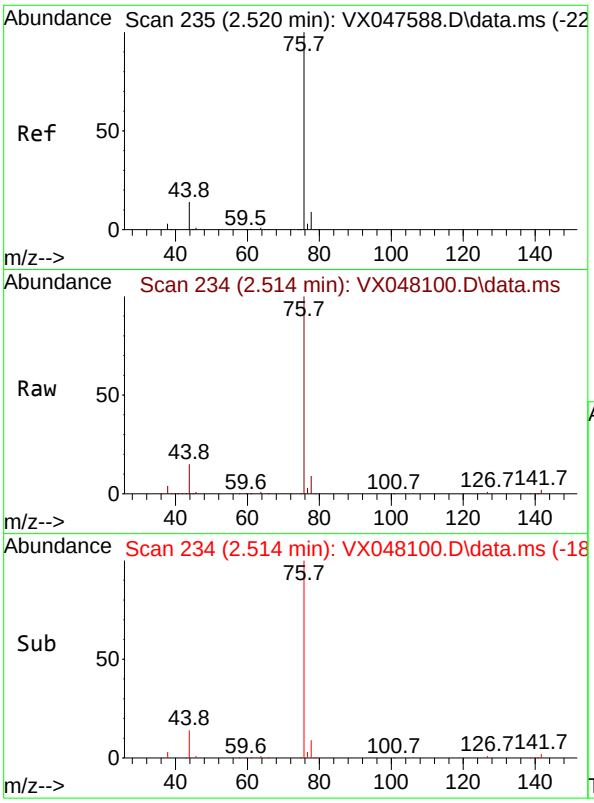


#16
Acetone
Concen: 237.922 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 205691

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.4	35.0

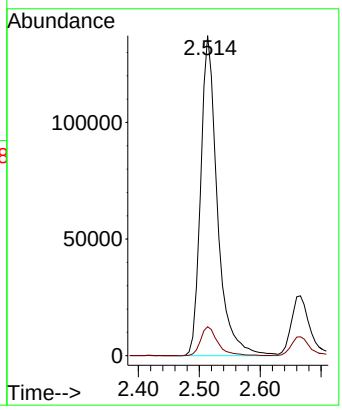




#17
Carbon Disulfide
Concen: 64.504 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 76 Resp: 26207

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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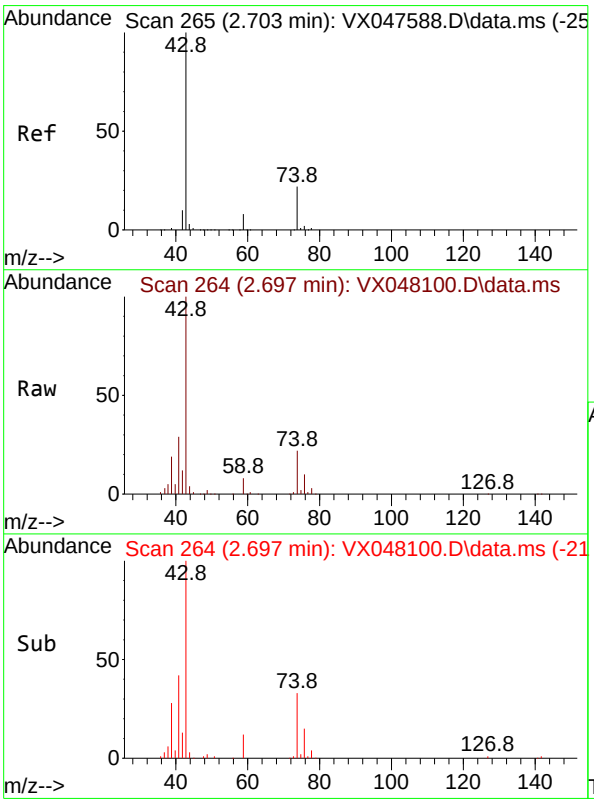
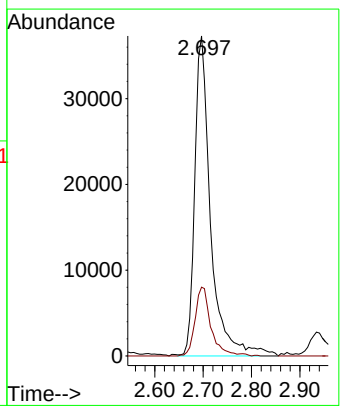
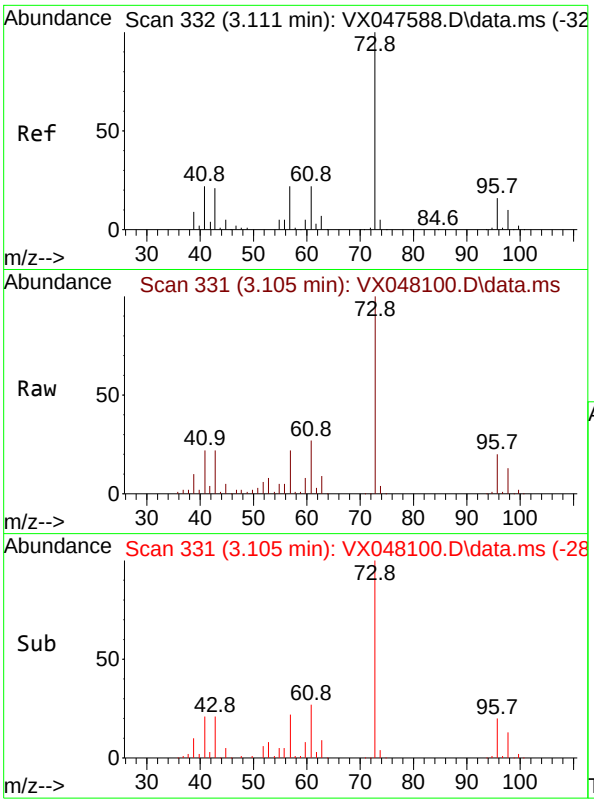


#18
Methyl Acetate
Concen: 44.124 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 84895

Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.4	26.2

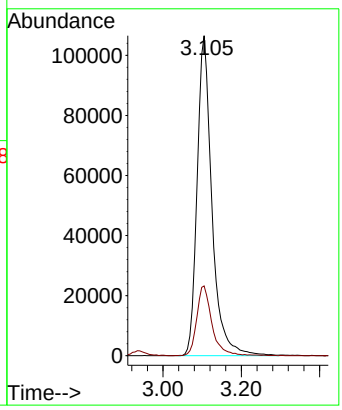




#19
Methyl tert-butyl Ether
Concen: 51.761 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 73 Resp: 28042

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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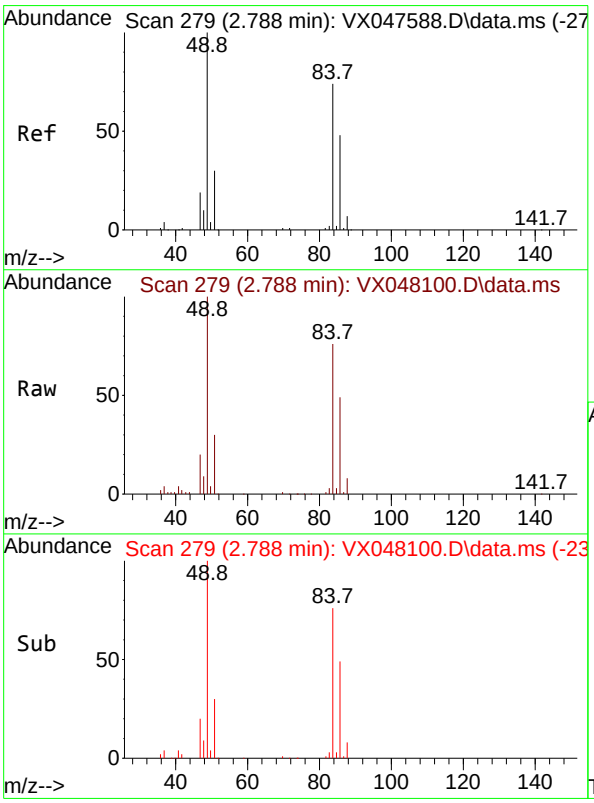
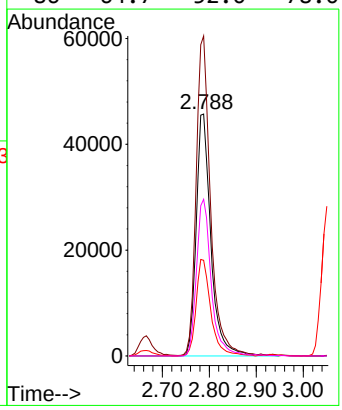
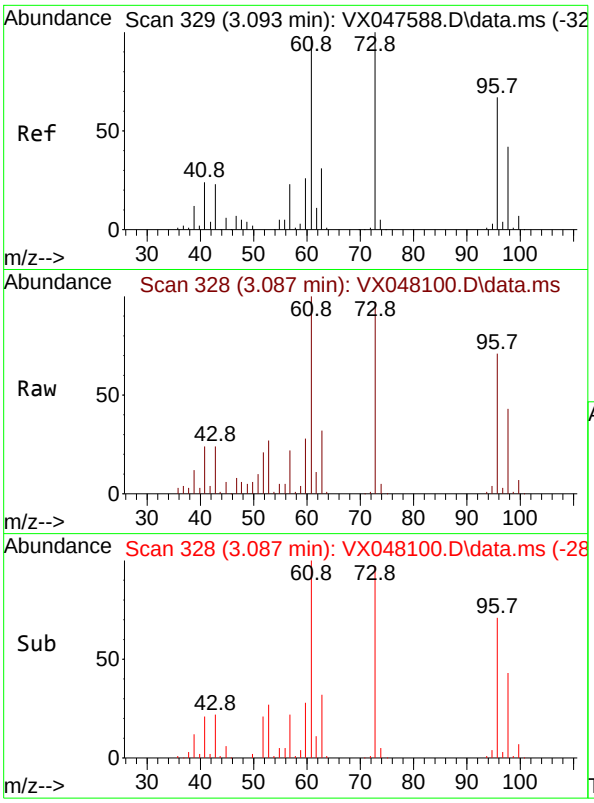


#20
Methylene Chloride
Concen: 54.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 84 Resp: 99593

Ion	Ratio	Lower	Upper
84	100		
49	132.1	108.6	162.8
51	39.6	32.6	48.8
86	64.7	52.0	78.0

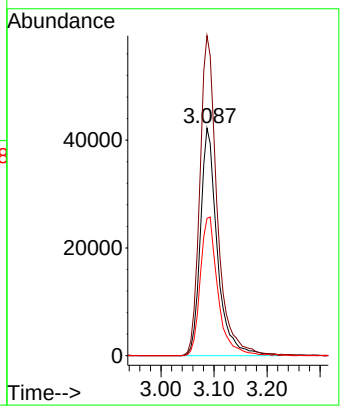




#21
trans-1,2-Dichloroethene
Concen: 58.612 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 96 Resp: 9365

Ion	Ratio	Lower	Upper
96	100		
61	140.7	116.2	174.2
98	60.3	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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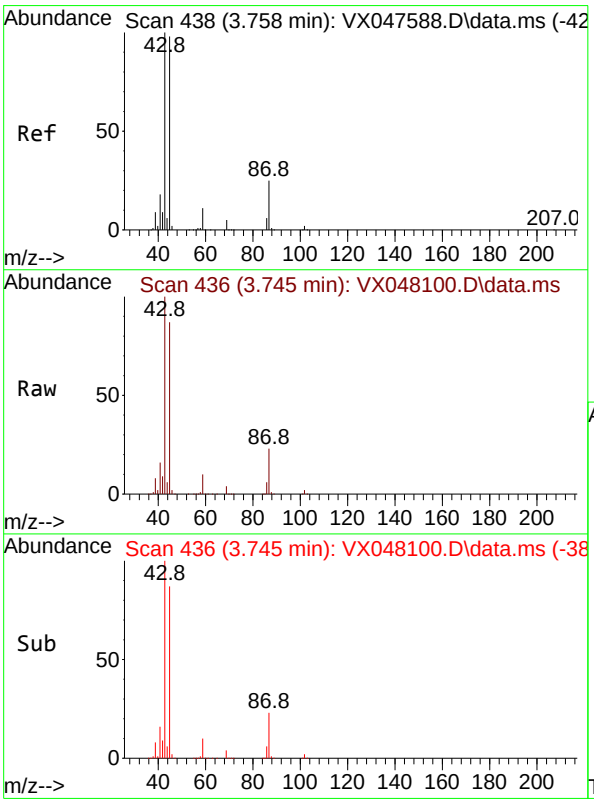
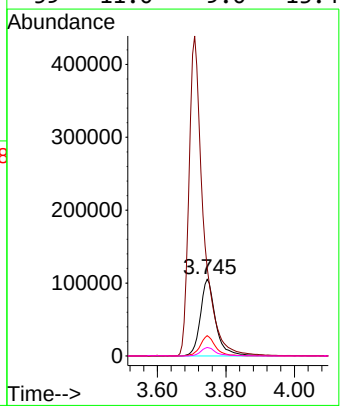
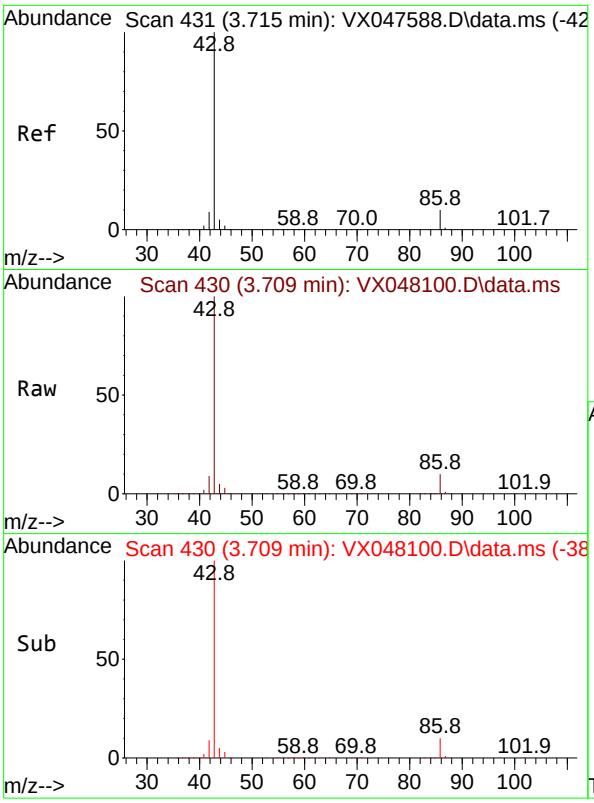


#22
Diisopropyl ether
Concen: 54.941 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 45 Resp: 326089

Ion	Ratio	Lower	Upper
45	100		
43	114.6	81.0	121.4
87	26.4	20.3	30.5
59	11.0	9.0	13.4





#23
Vinyl Acetate
Concen: 271.021 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 128741

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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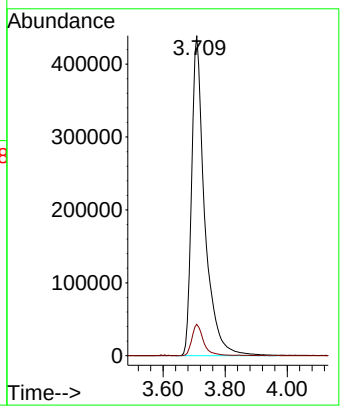
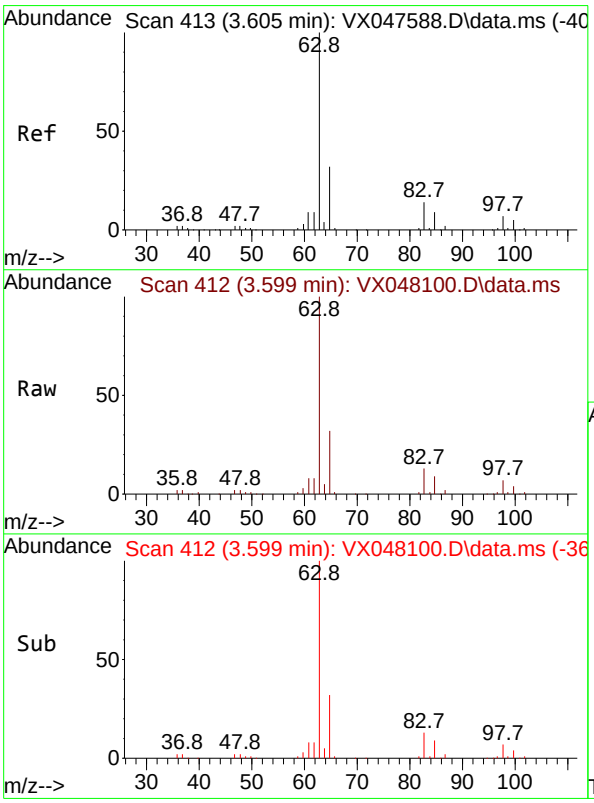
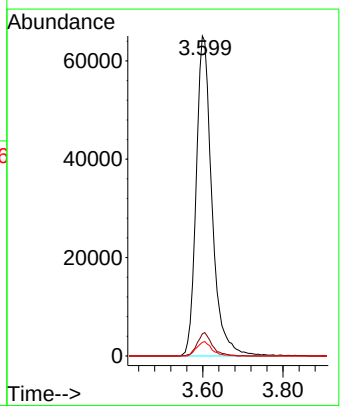


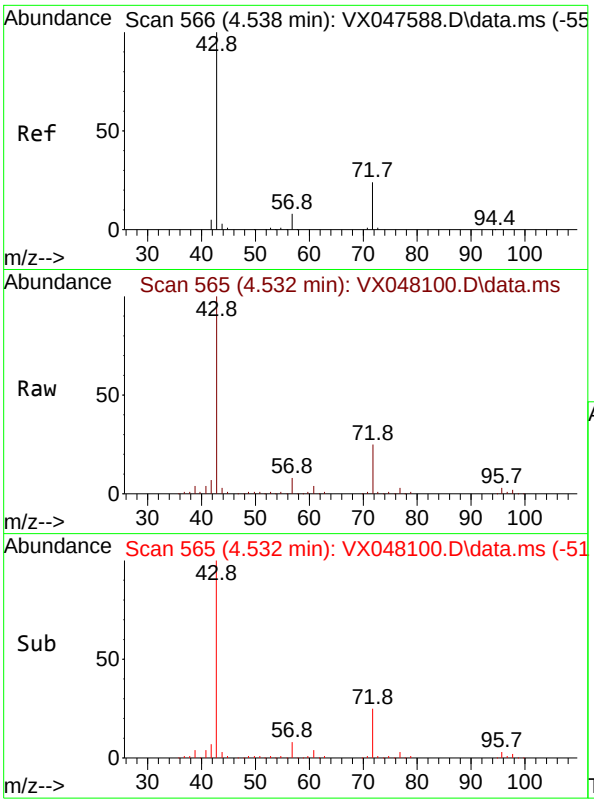


#24
1,1-Dichloroethane
Concen: 56.138 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 63 Resp: 177097

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	4.3	2.3	6.9





#25
2-Butanone
Concen: 228.417 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 24632

Ion	Ratio	Lower	Upper
43	100		
72	25.7	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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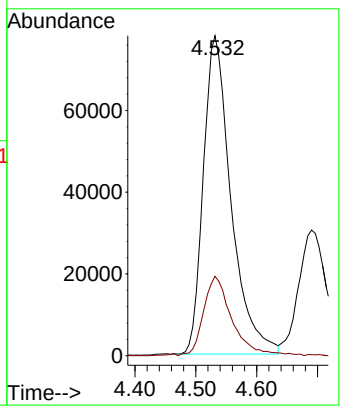
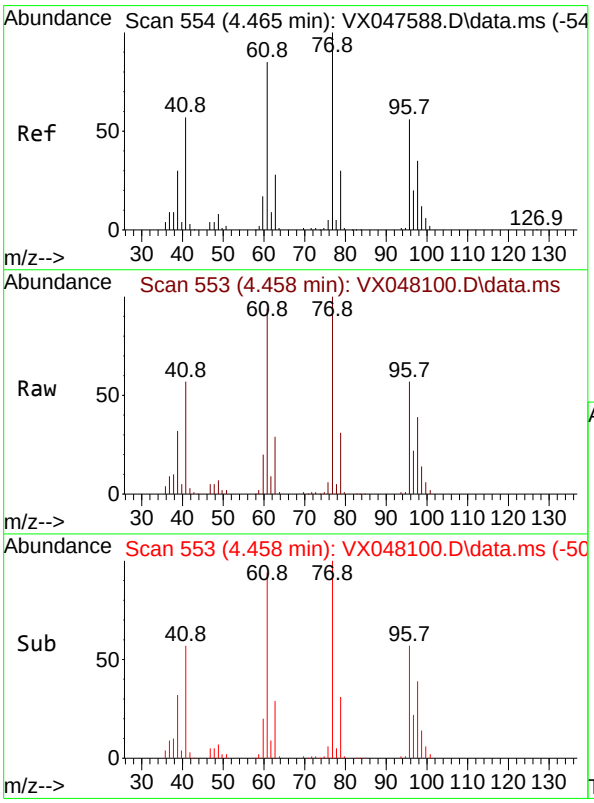
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

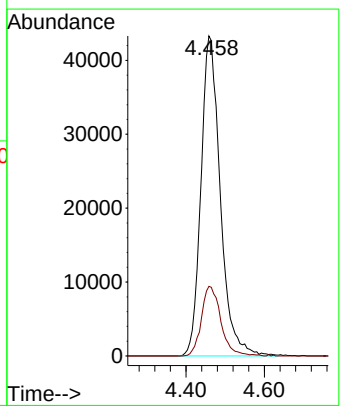


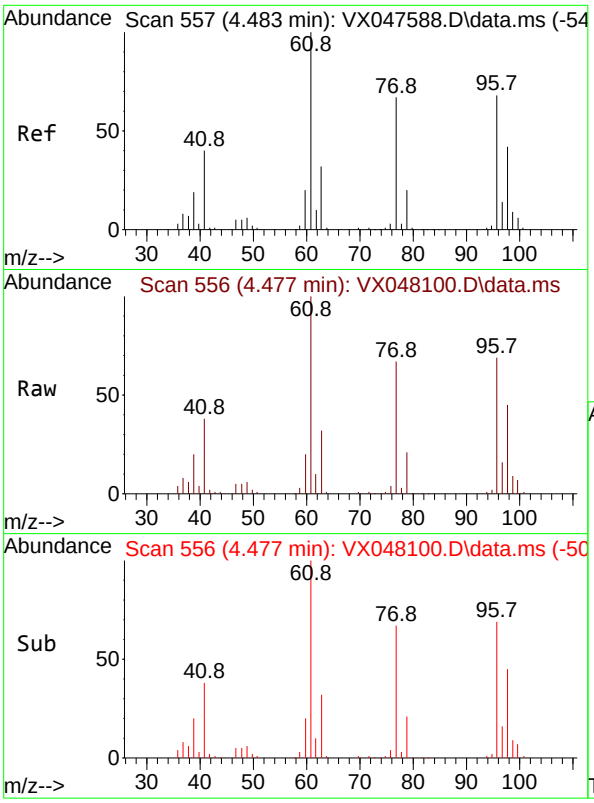


#26
2,2-Dichloropropane
Concen: 56.601 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 77 Resp: 148425

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7

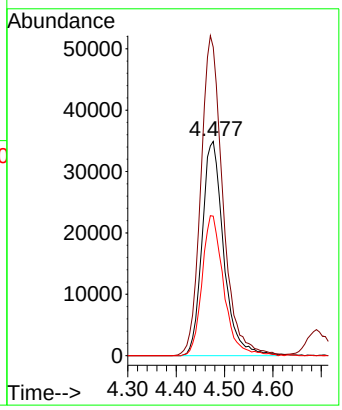




#27
cis-1,2-Dichloroethene
Concen: 55.148 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 96 Resp: 10791

Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	303.2
98	65.6	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 10/13/2025
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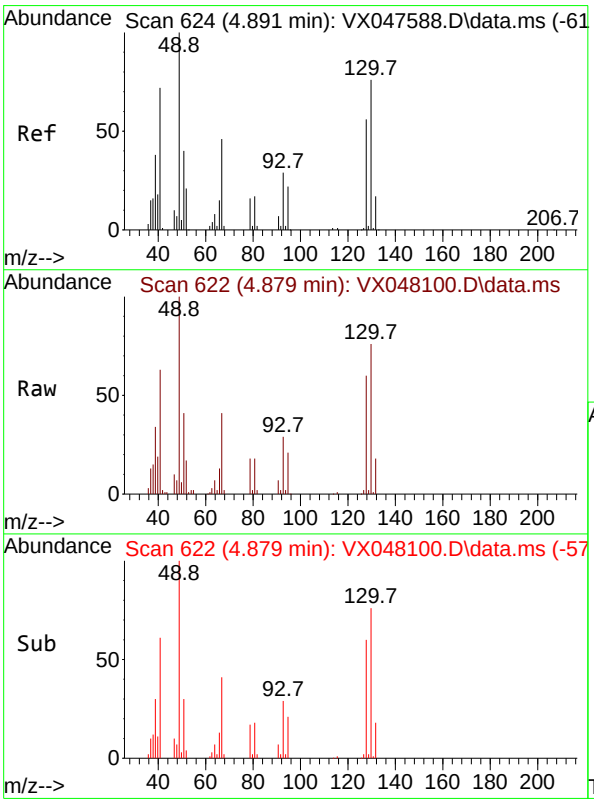
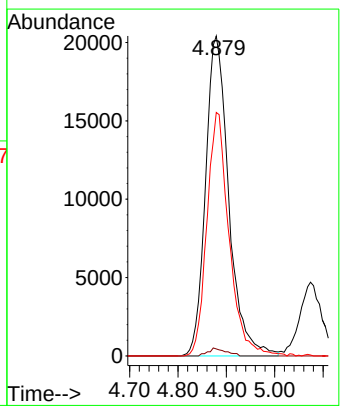
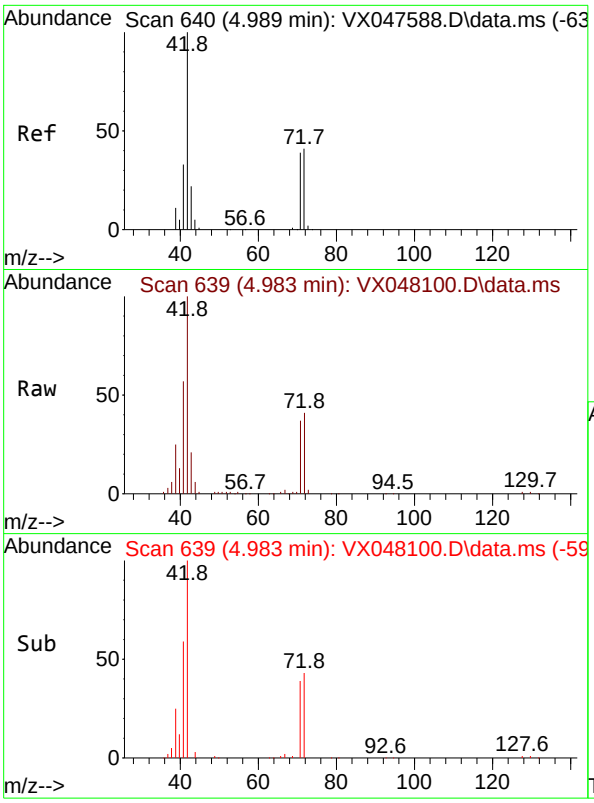


#28
Bromochloromethane
Concen: 49.437 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 49 Resp: 68086

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	72.7	57.8	86.8

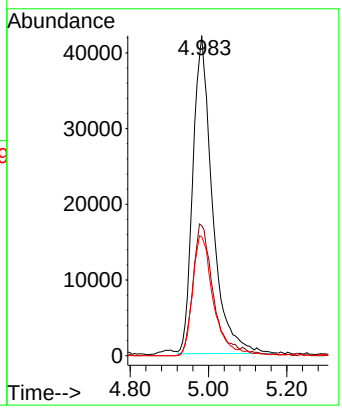




#29
Tetrahydrofuran
Concen: 225.327 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 42 Resp: 14617

Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.2	51.2
71	40.0	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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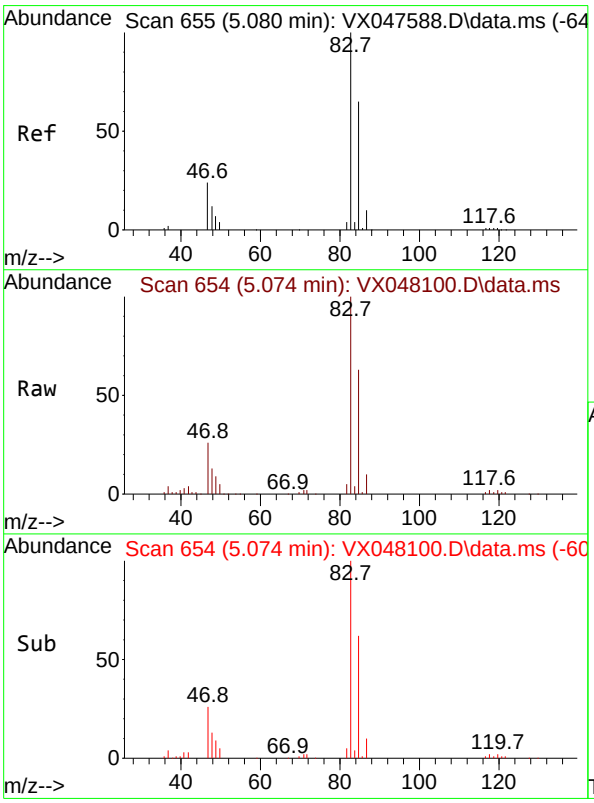
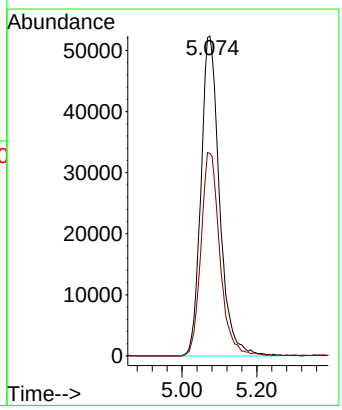
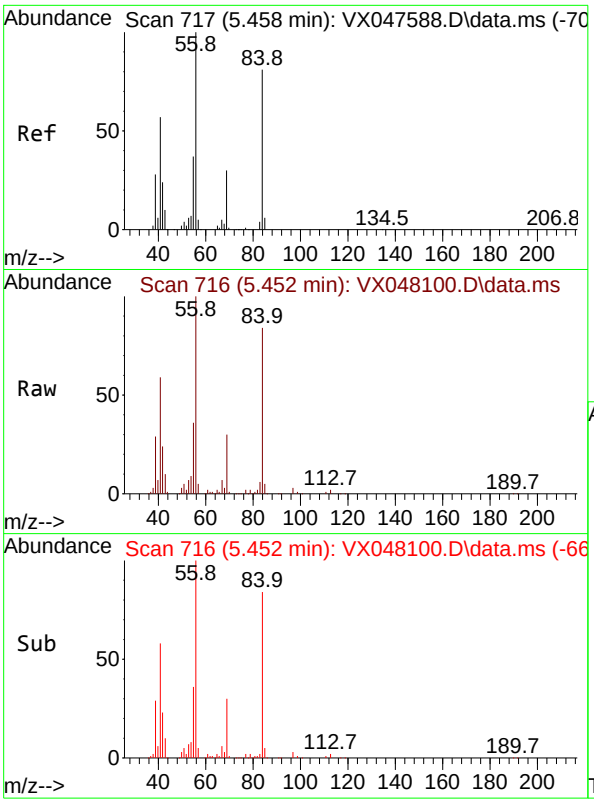


#30
Chloroform
Concen: 56.575 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 83 Resp: 180351

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.6





#31
Cyclohexane
Concen: 57.468 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 56 Resp: 15099

Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.8	35.8
84	82.4	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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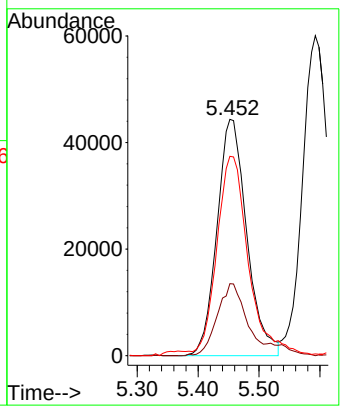
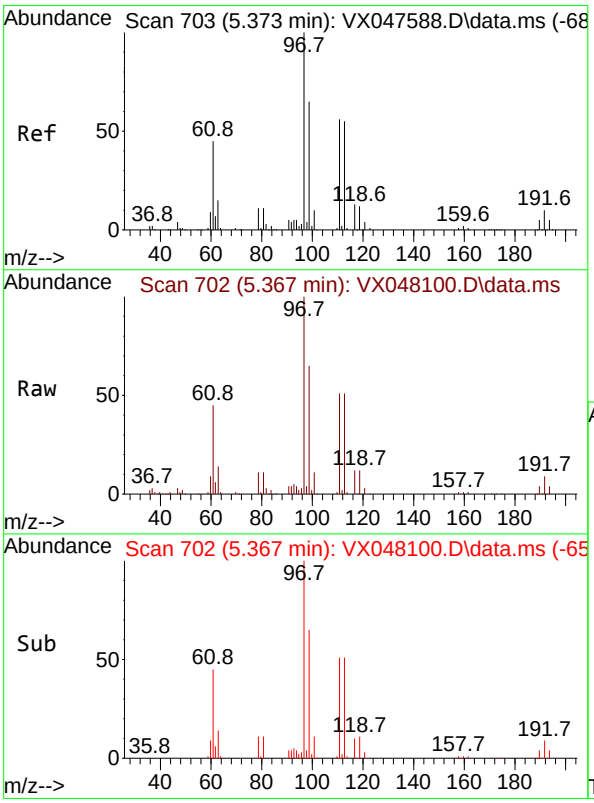
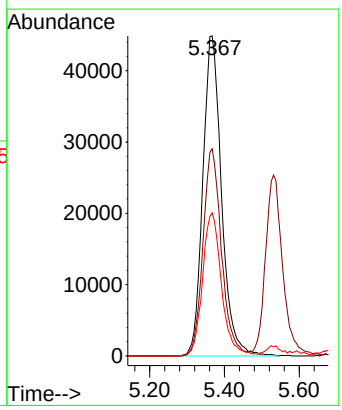


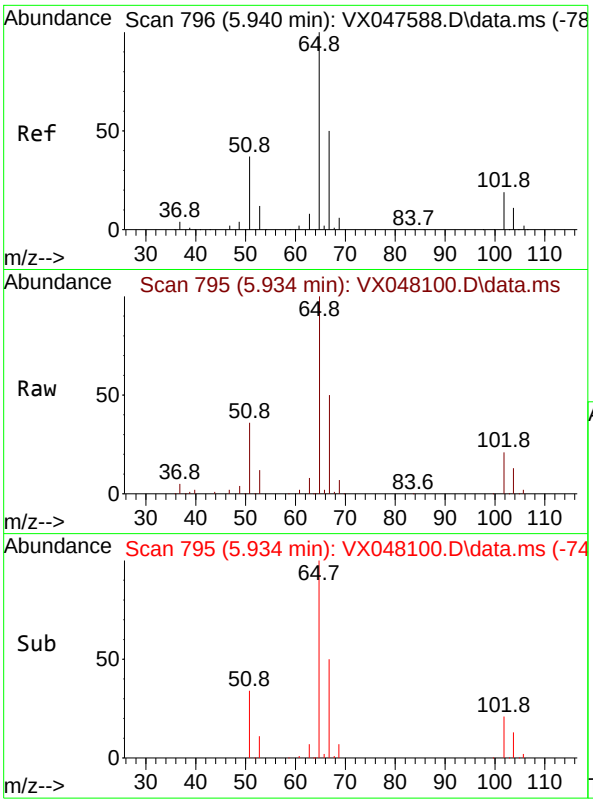


#32
1,1,1-Trichloroethane
Concen: 57.701 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 97 Resp: 156023

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	76.0
61	45.3	35.8	53.8

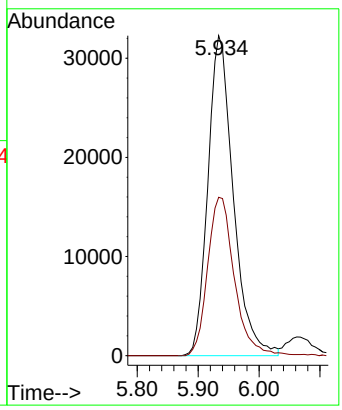




#33
1,2-Dichloroethane-d4
Concen: 47.002 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 65 Resp: 9345

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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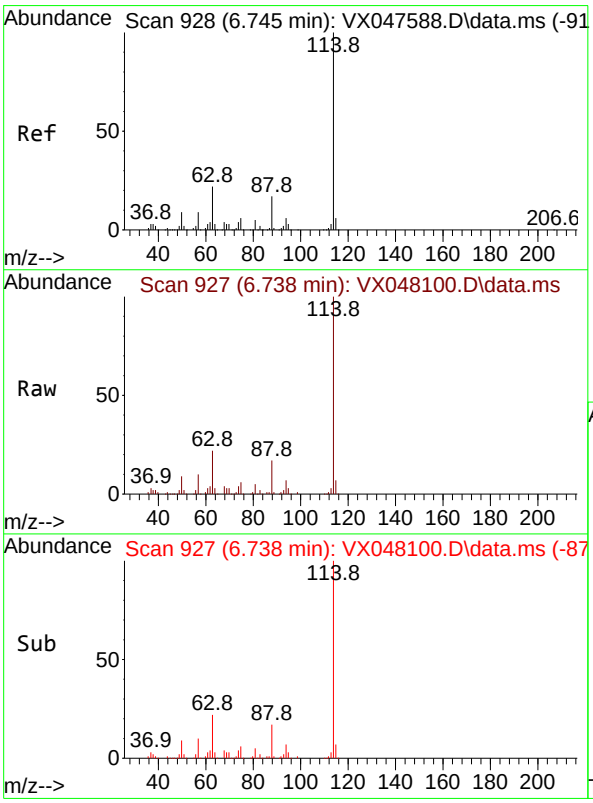
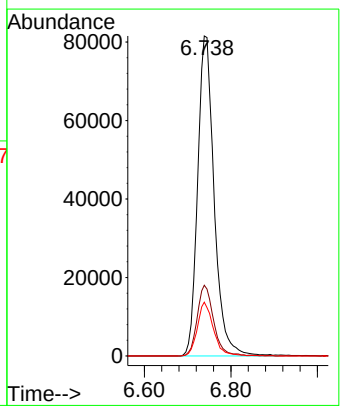
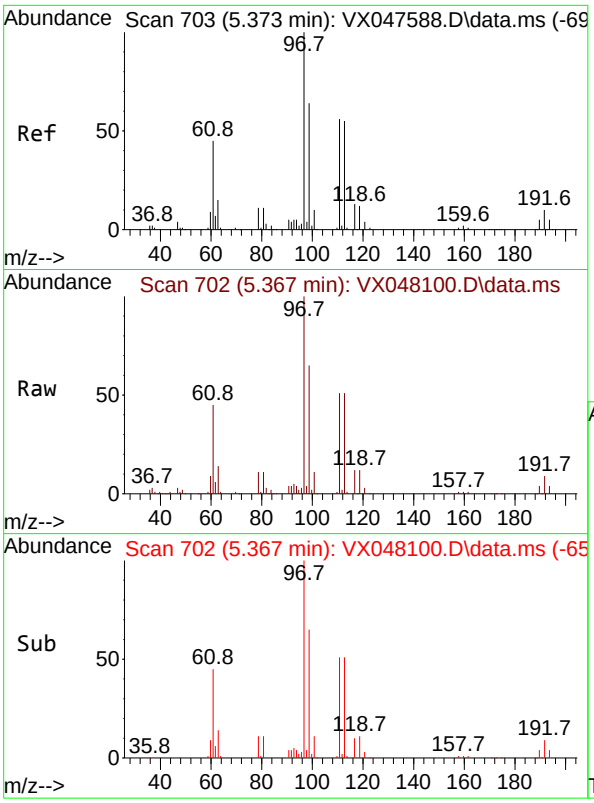


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:114 Resp: 216127

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.0
88	16.8	0.0	34.2

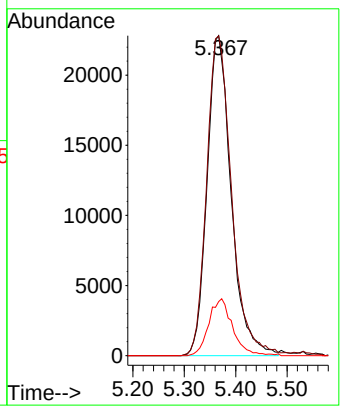




#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:113 Resp: 7405

Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.9	121.3
192	17.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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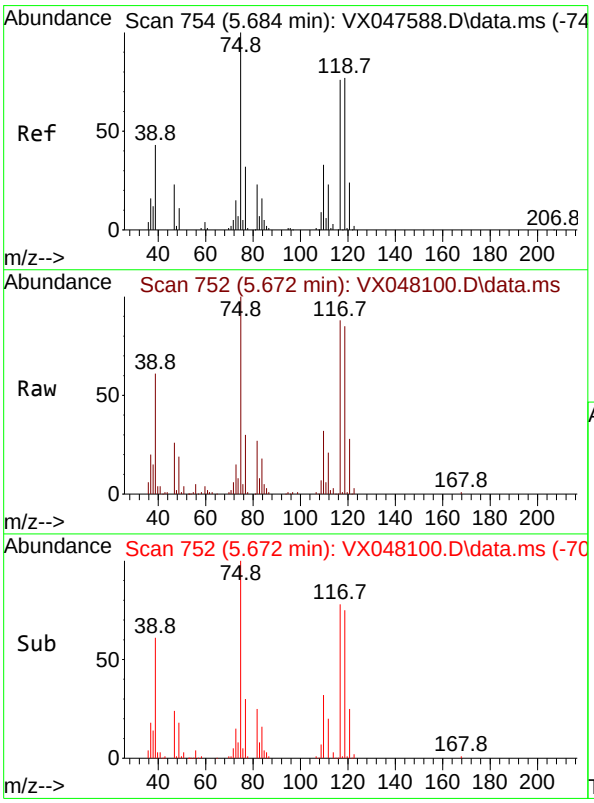
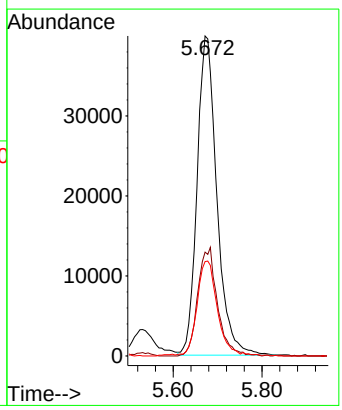
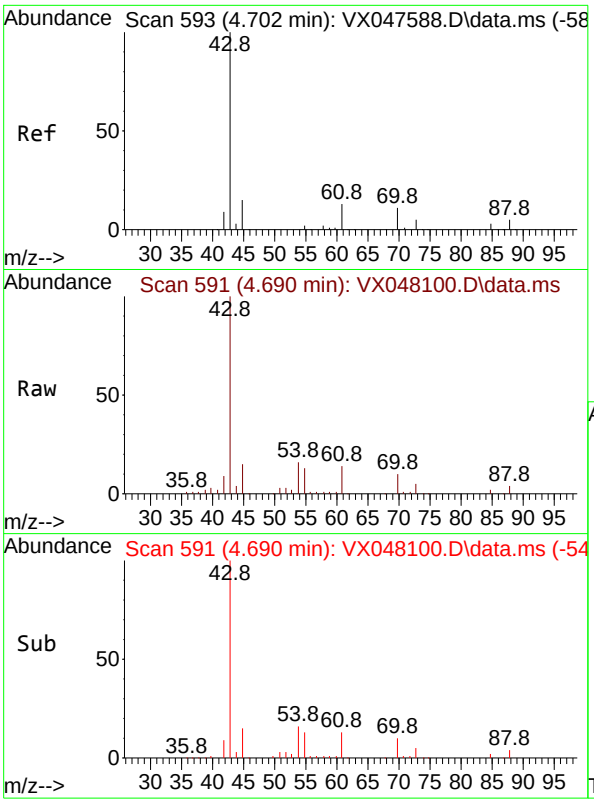


#36
1,1-Dichloropropene
Concen: 58.352 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 123591

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.7	50.1
77	30.0	24.3	36.5

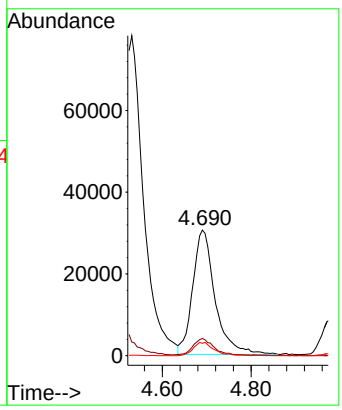




#37
Ethyl Acetate
Concen: 46.745 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 10600

Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.8	14.8
70	9.8	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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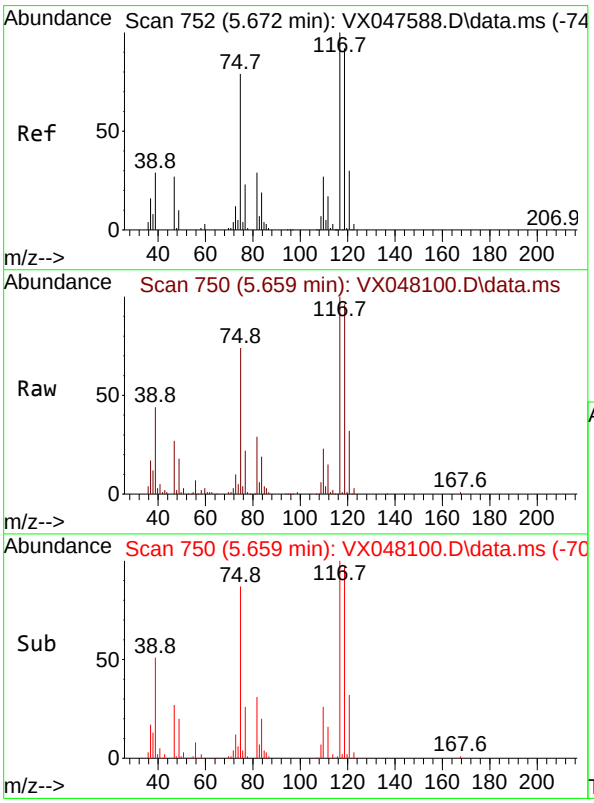
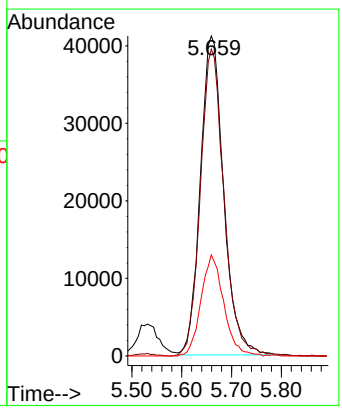
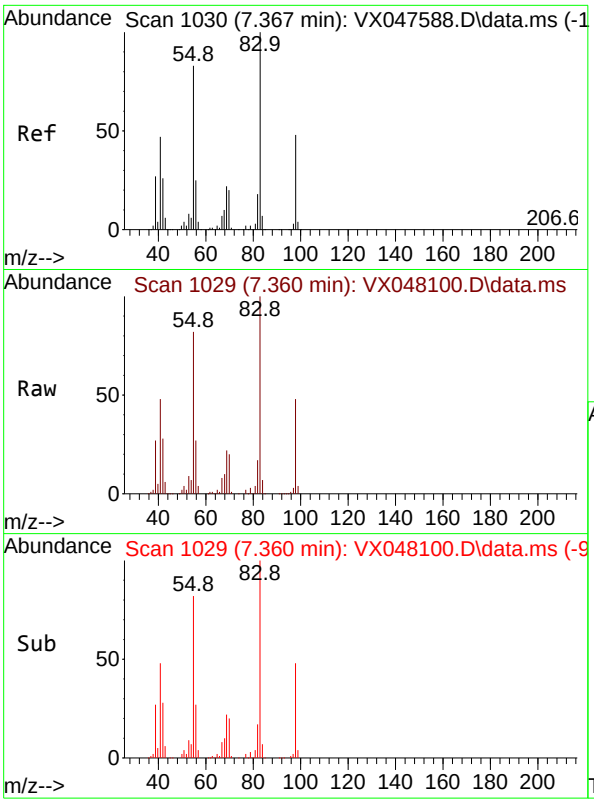


#38
Carbon Tetrachloride
Concen: 58.053 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:117 Resp: 133595

Ion	Ratio	Lower	Upper
117	100		
119	95.9	73.4	110.2
121	31.7	23.8	35.6





#39
Methylcyclohexane
Concen: 61.418 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 83 Resp: 14766

Ion	Ratio	Lower	Upper
83	100		
55	82.0	66.4	99.6
98	48.0	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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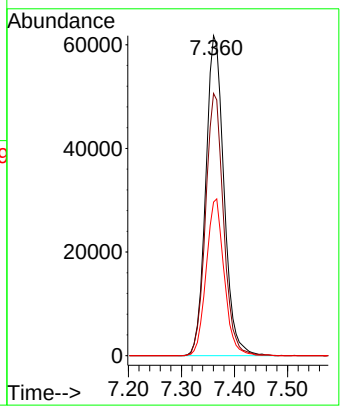
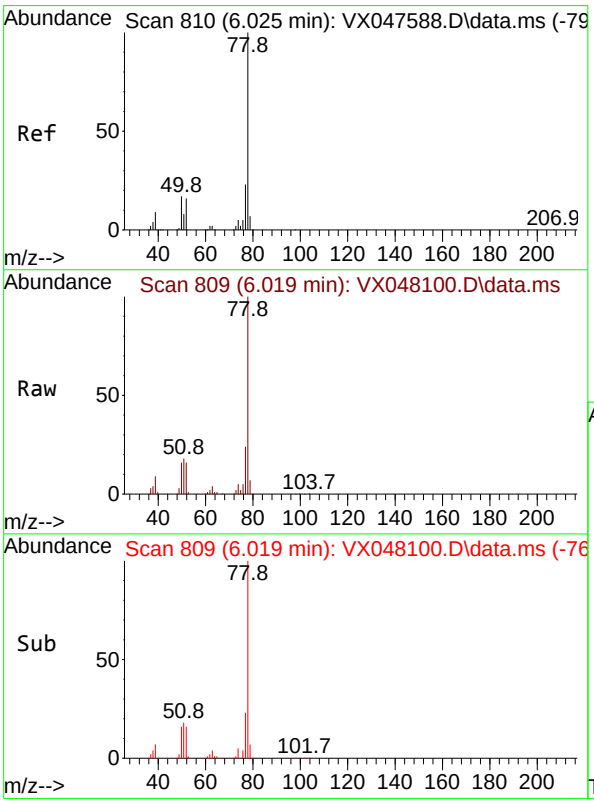
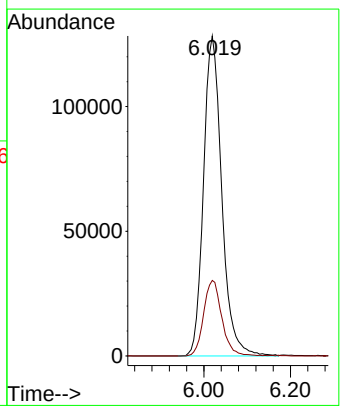


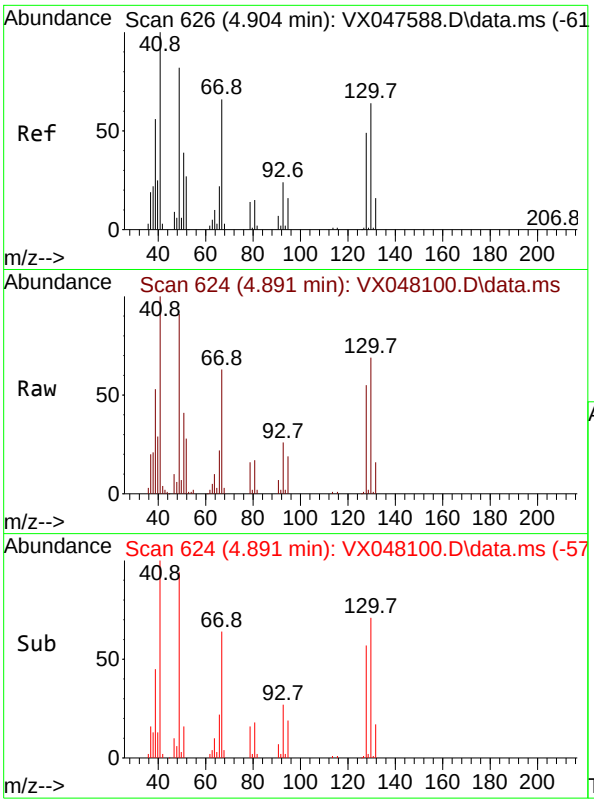


#40
Benzene
Concen: 58.350 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 78 Resp: 375362

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2

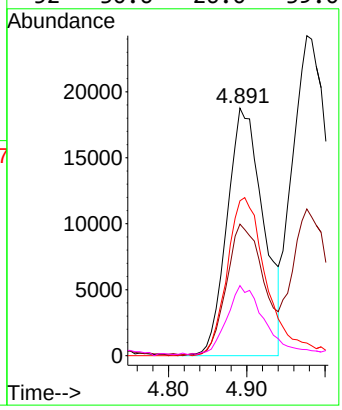




#41
Methacrylonitrile
Concen: 51.510 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 41 Resp: 6030

Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	70.5	58.6	87.8
52	30.6	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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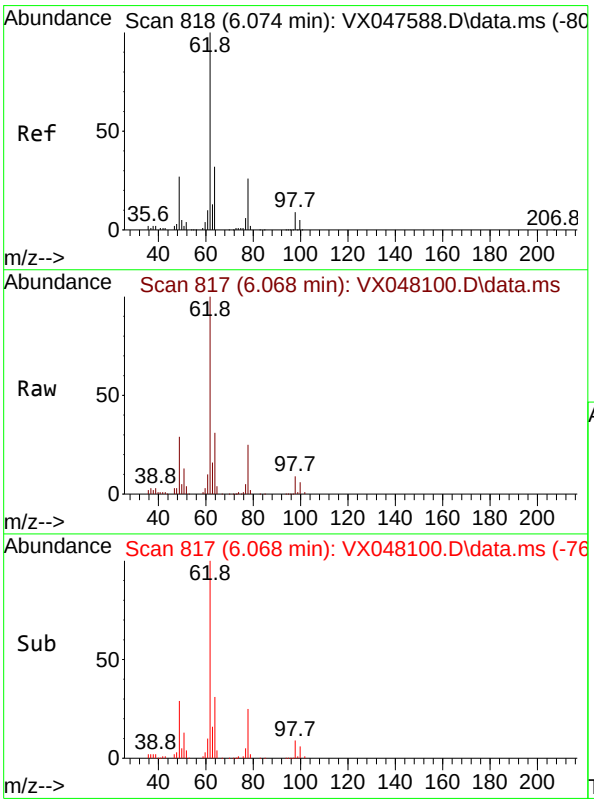
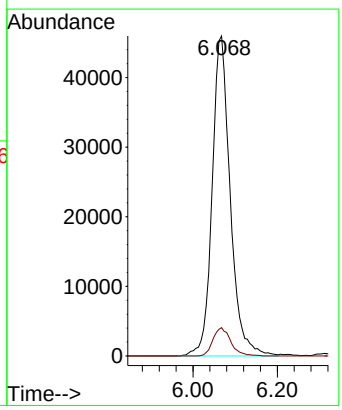
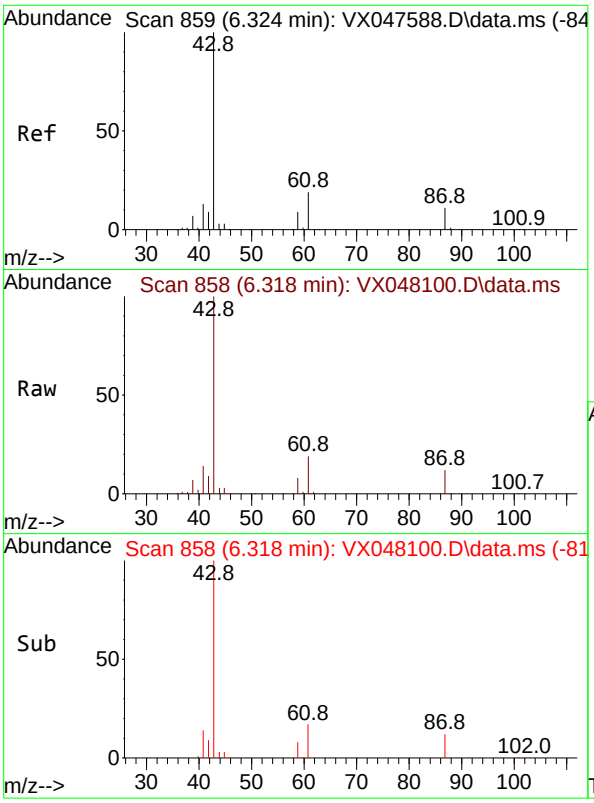


#42
1,2-Dichloroethane
Concen: 55.892 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 62 Resp: 136805

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0





#43
Isopropyl Acetate
Concen: 47.975 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 17843

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.5	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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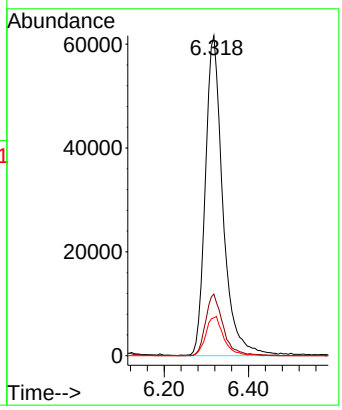
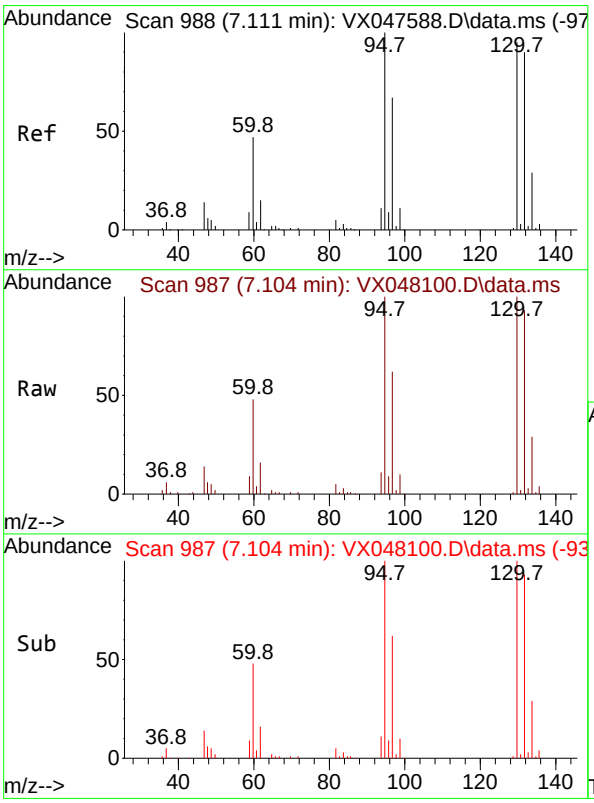
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

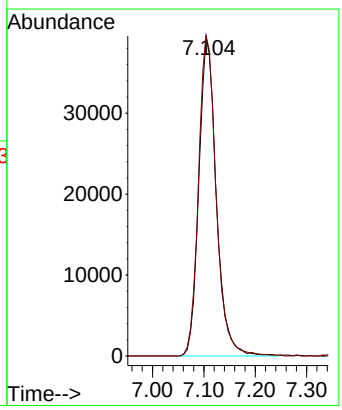


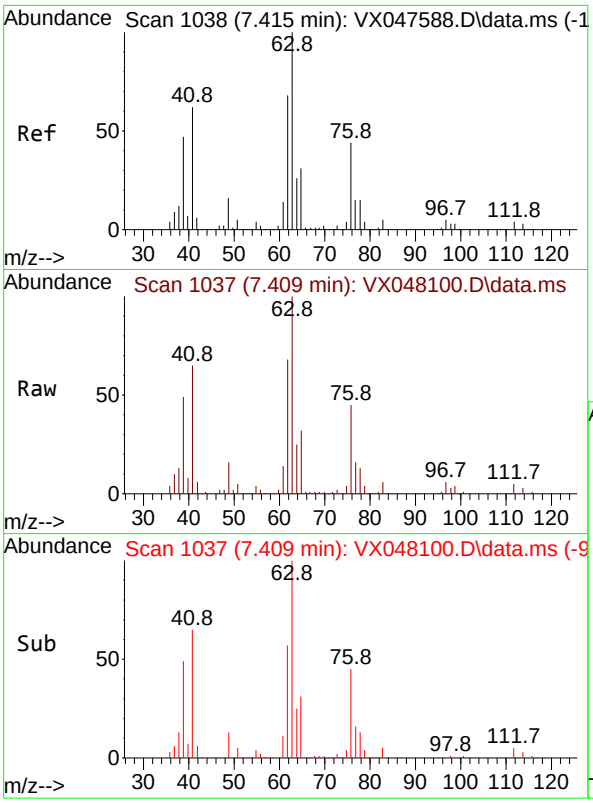


#44
Trichloroethene
Concen: 59.475 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:130 Resp: 92498

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	210.8

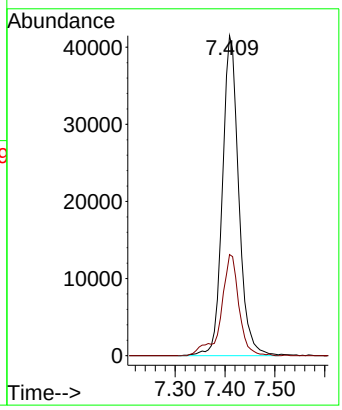




#45
1,2-Dichloropropane
Concen: 57.281 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 63 Resp: 9435

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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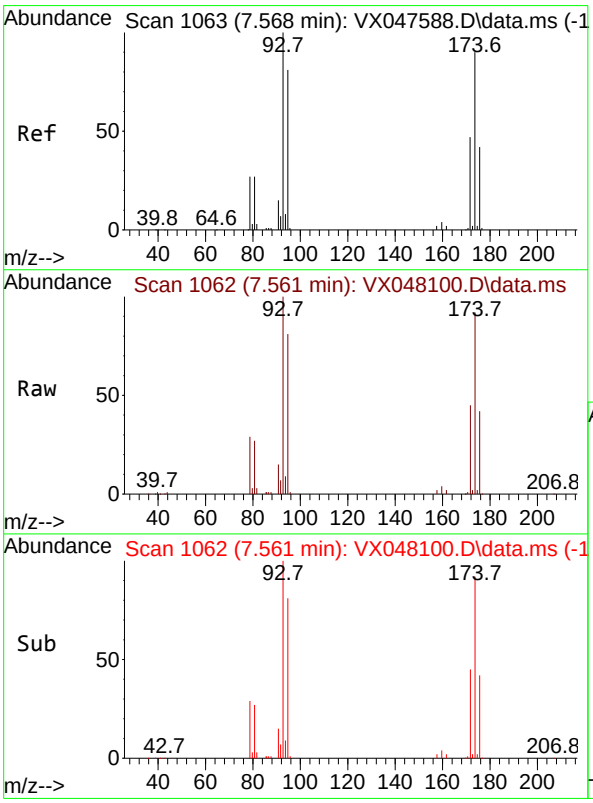
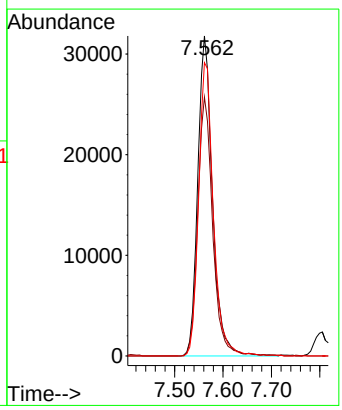
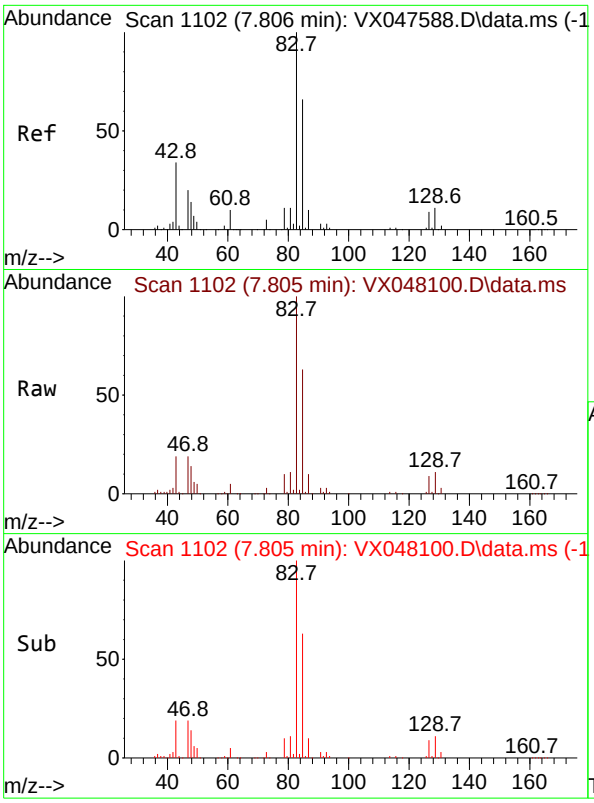


#46
Dibromomethane
Concen: 56.040 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 93 Resp: 67175

Ion	Ratio	Lower	Upper
93	100		
95	81.9	65.0	97.6
174	92.1	71.6	107.4

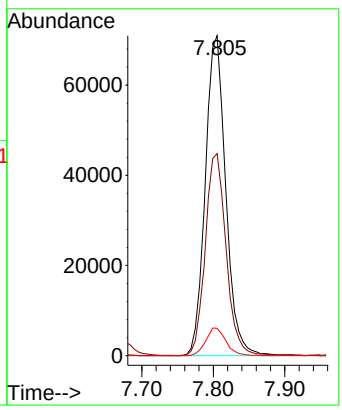




#47
Bromodichloromethane
Concen: 57.029 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 83 Resp: 14106

Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.5	78.7
127	8.5	6.9	10.3



Instrument :
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ClientSampleId :
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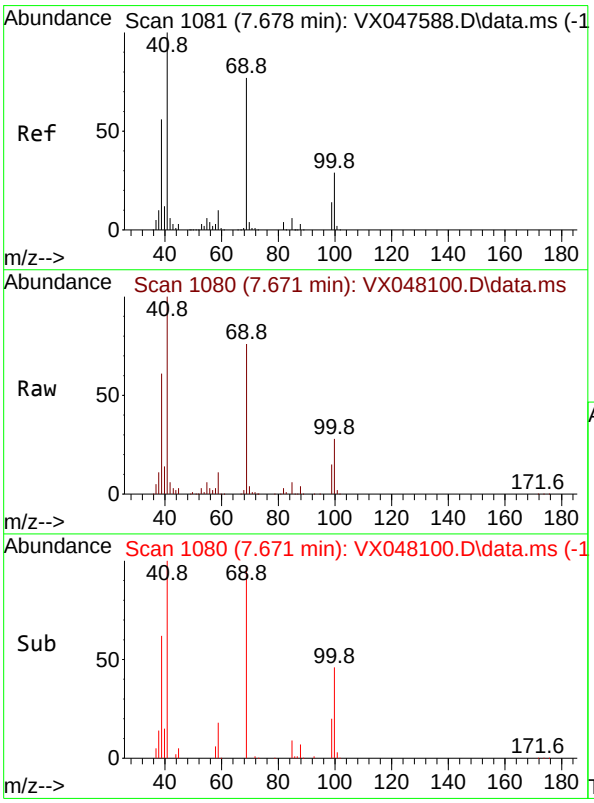
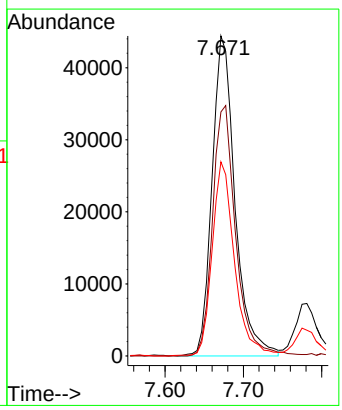
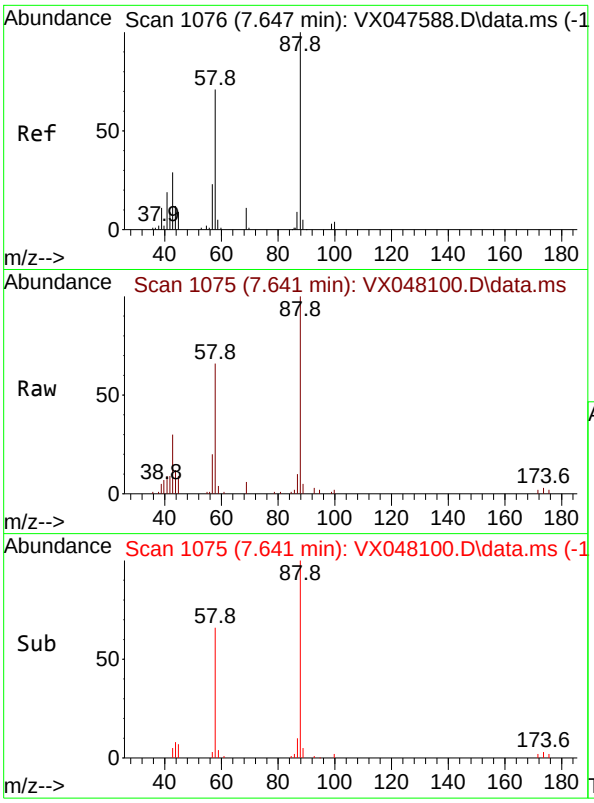


#48
Methyl methacrylate
Concen: 48.949 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 41 Resp: 90685

Ion	Ratio	Lower	Upper
41	100		
69	79.0	61.4	92.2
39	59.3	45.8	68.6





#49
1,4-Dioxane
Concen: 1112.974 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 88 Resp: 2083

Ion	Ratio	Lower	Upper
88	100		
43	40.9	30.2	45.2
58	70.5	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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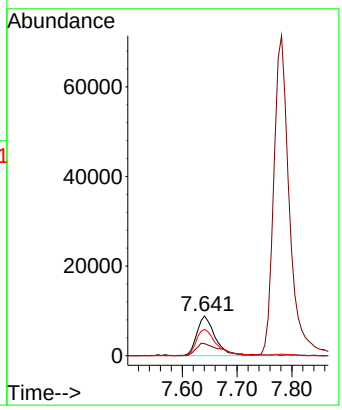
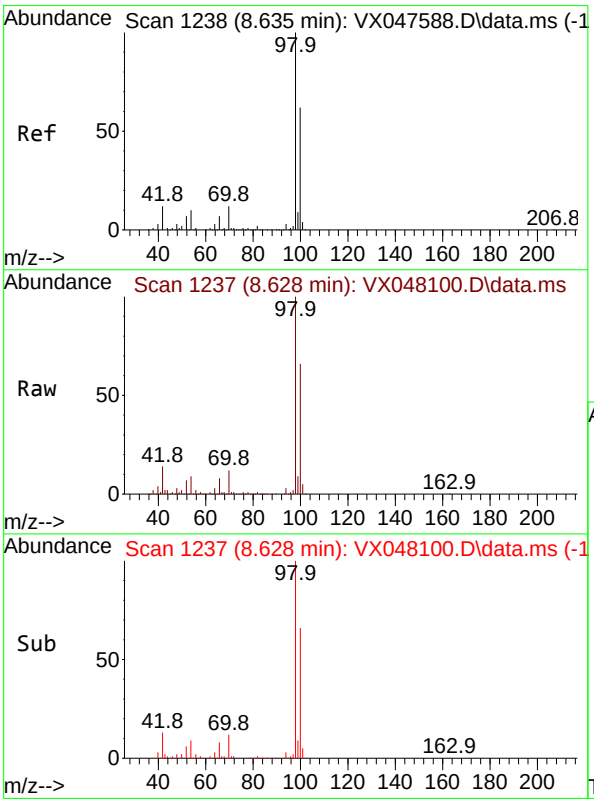
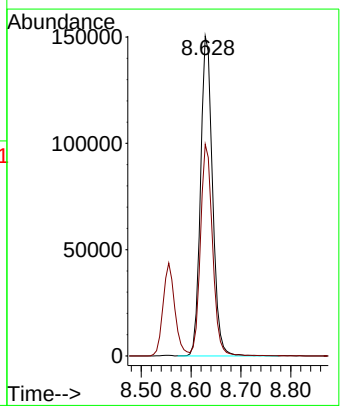


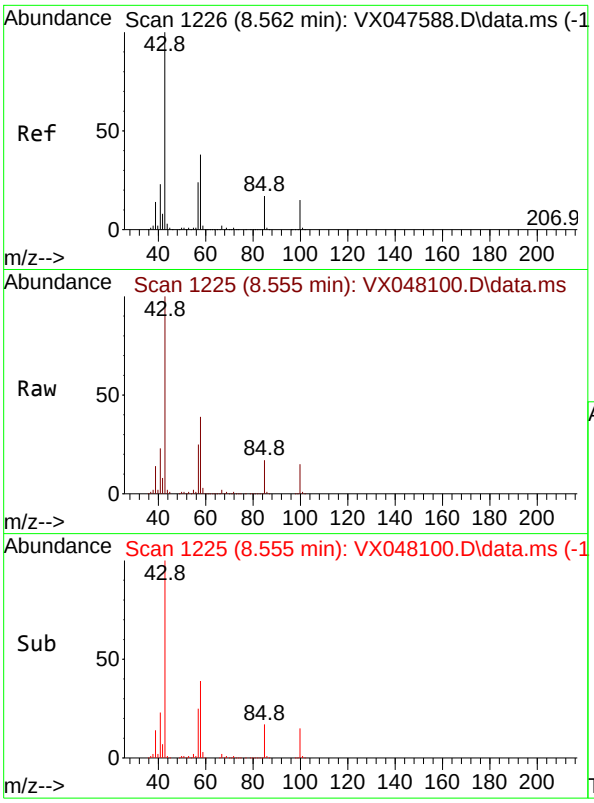


#50
Toluene-d8
Concen: 50.093 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 98 Resp: 251236

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 241.298 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 49759

Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.3	45.5

Instrument :
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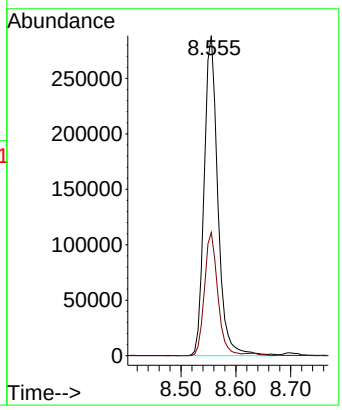
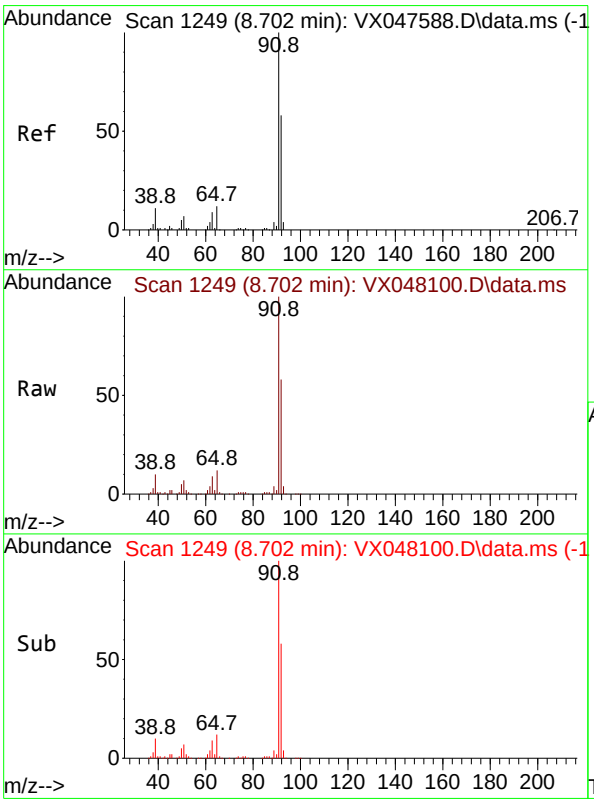
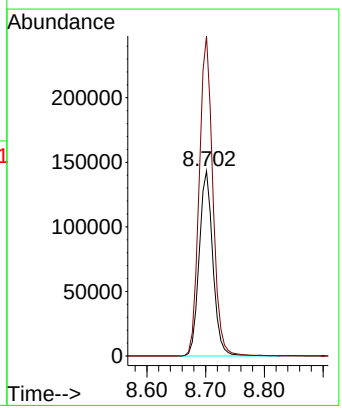


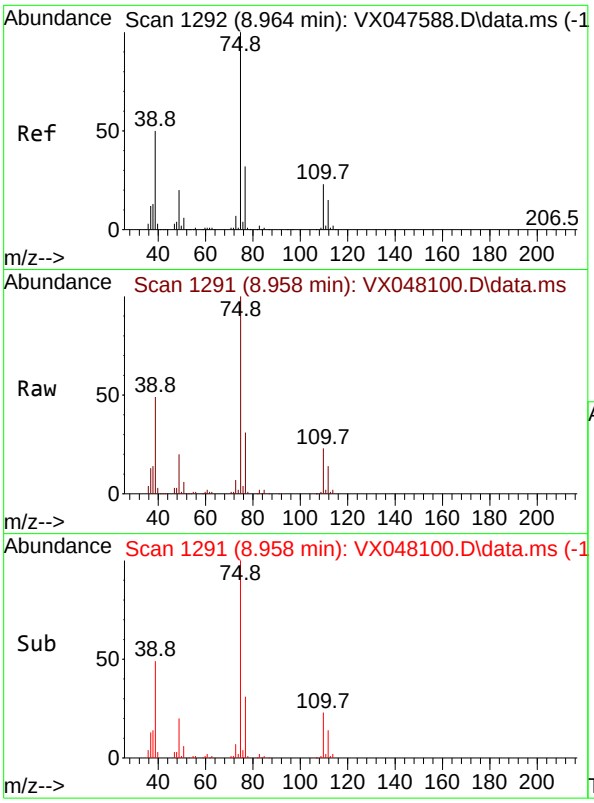


#52
Toluene
Concen: 58.265 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 92 Resp: 230924

Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.1	205.7

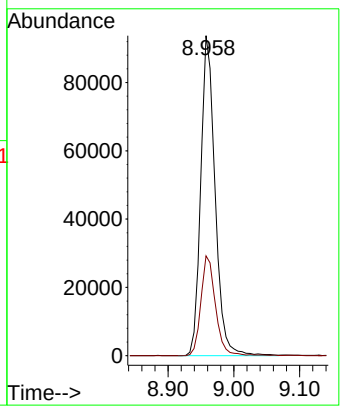




#53
t-1,3-Dichloropropene
Concen: 56.386 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 14226

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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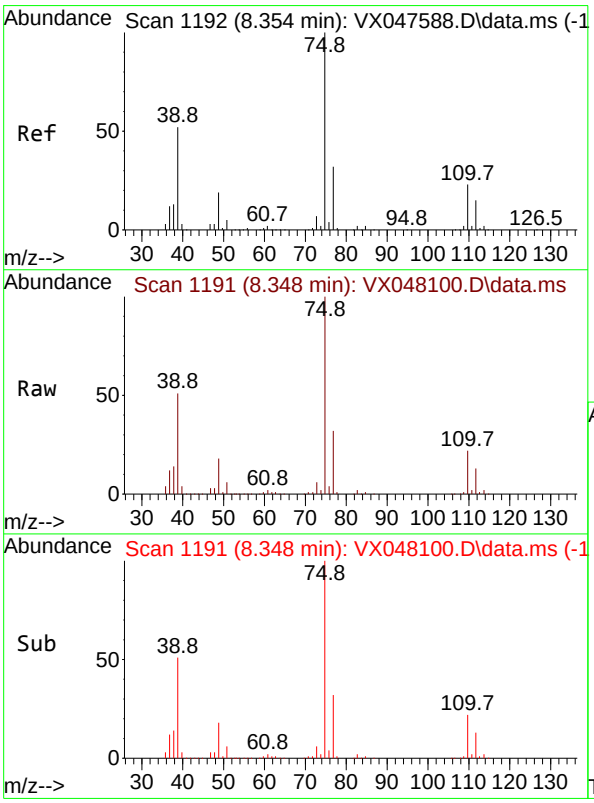
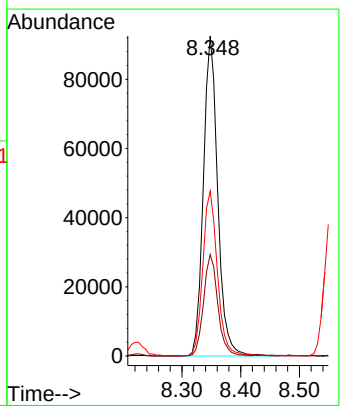
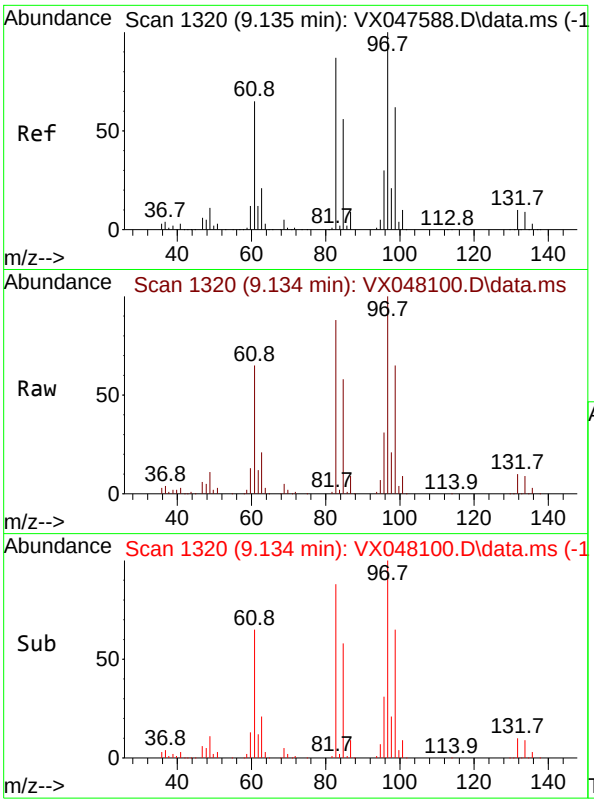


#54
cis-1,3-Dichloropropene
Concen: 58.227 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 157025

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
39	51.0	41.4	62.2

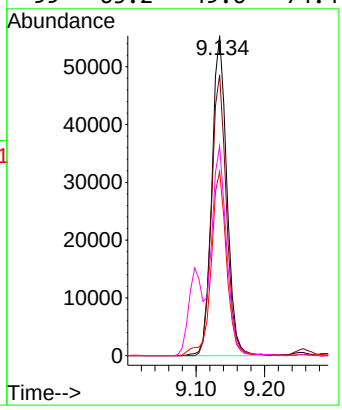




#55
1,1,2-Trichloroethane
Concen: 55.112 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 97 Resp: 8422

Ion	Ratio	Lower	Upper
97	100		
83	87.7	69.6	104.4
85	57.5	45.0	67.6
99	65.2	49.6	74.4



Instrument :
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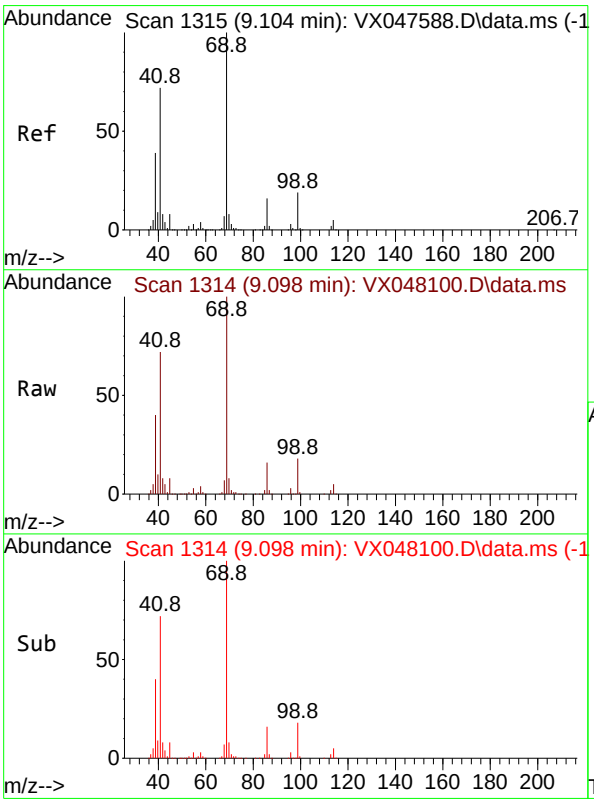
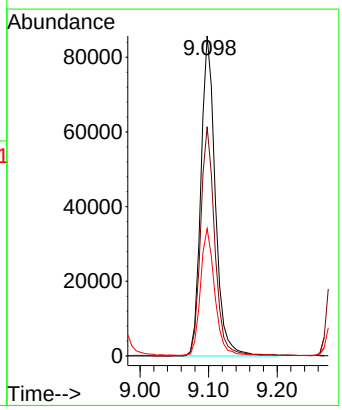
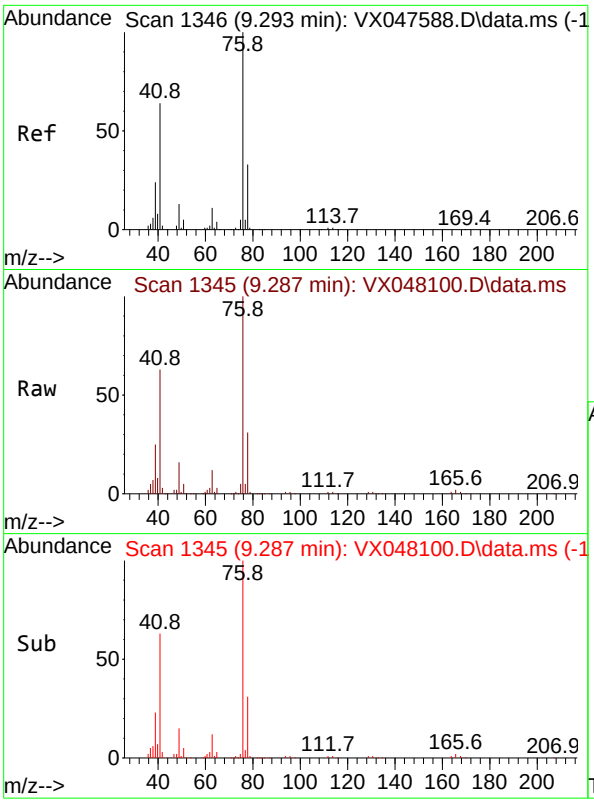


#56
Ethyl methacrylate
Concen: 52.366 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 69 Resp: 125680

Ion	Ratio	Lower	Upper
69	100		
41	71.5	58.6	87.8
39	39.2	31.5	47.3

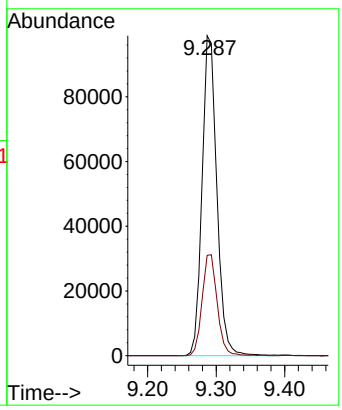




#57
1,3-Dichloropropane
Concen: 56.528 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 76 Resp: 14839

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4



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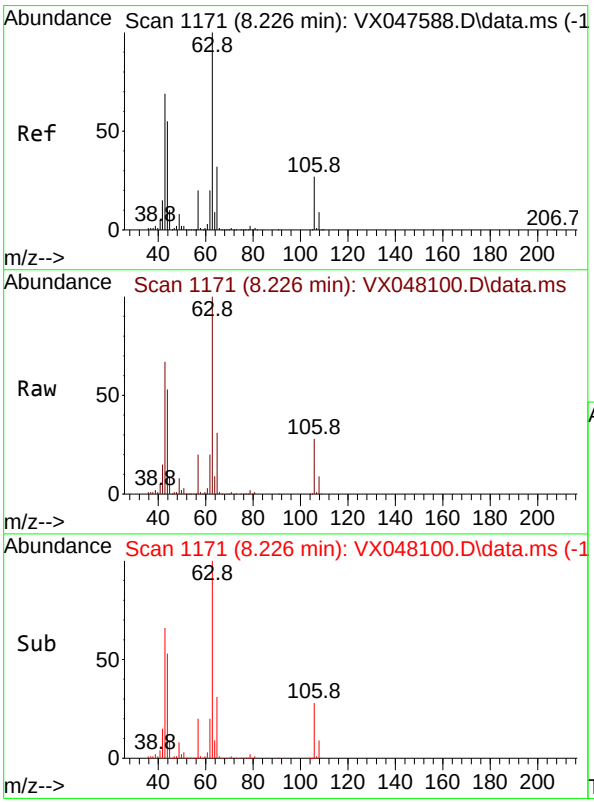
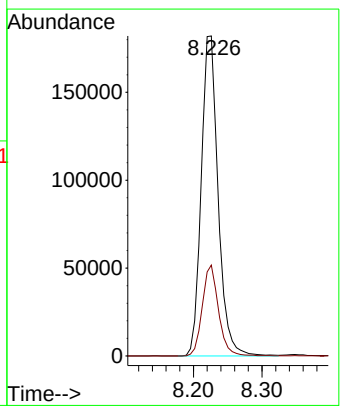
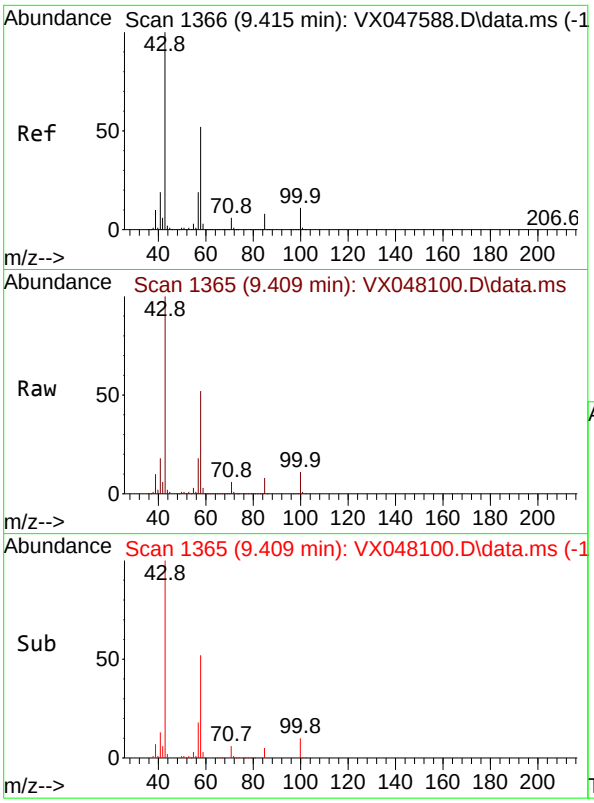


#58
2-Chloroethyl Vinyl ether
Concen: 271.315 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 63 Resp: 312902

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.9	32.9





#59
2-Hexanone
Concen: 237.813 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 35221

Ion	Ratio	Lower	Upper
43	100		
58	52.3	26.1	78.2

Instrument :
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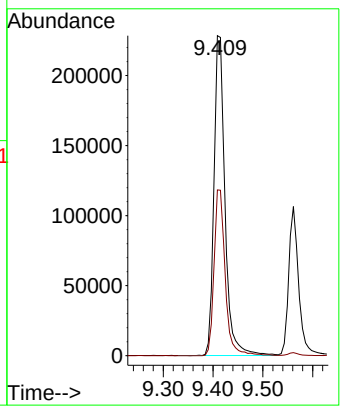
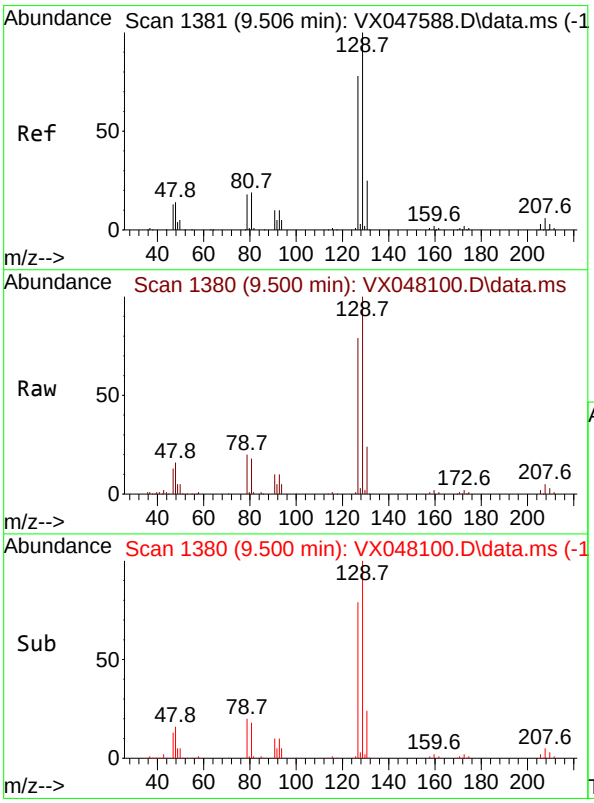
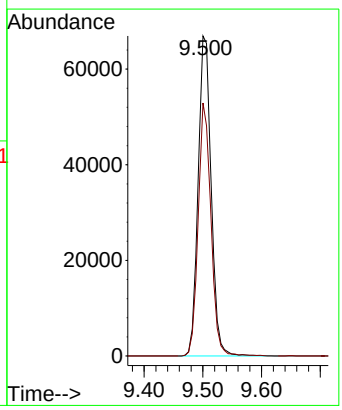


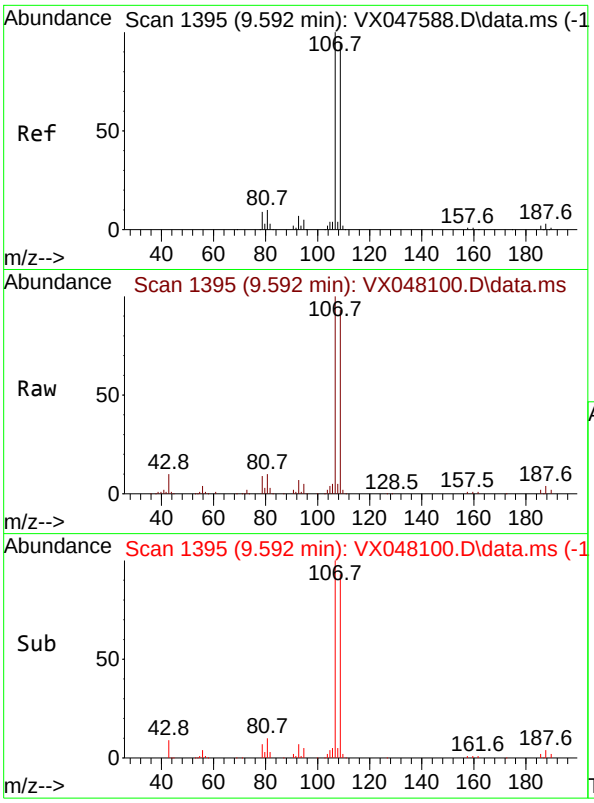


#60
Dibromochloromethane
Concen: 58.645 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:129 Resp: 103266

Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.4	115.2

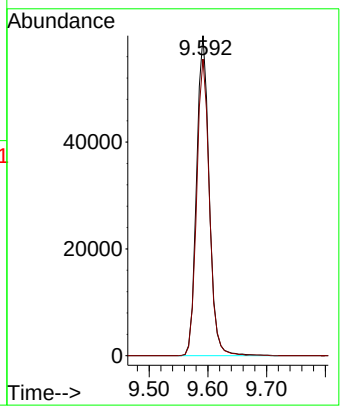




#61
1,2-Dibromoethane
Concen: 57.338 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:107 Resp: 8925

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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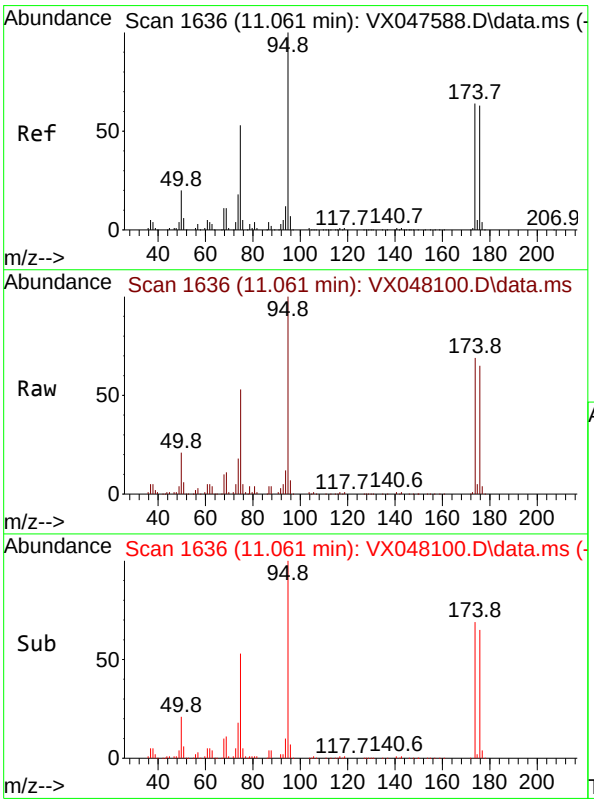
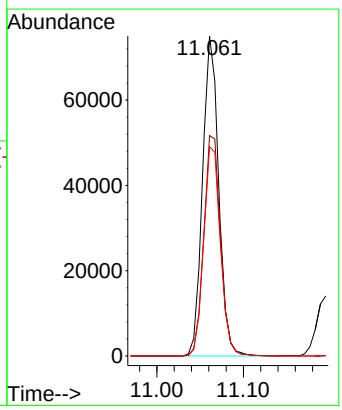
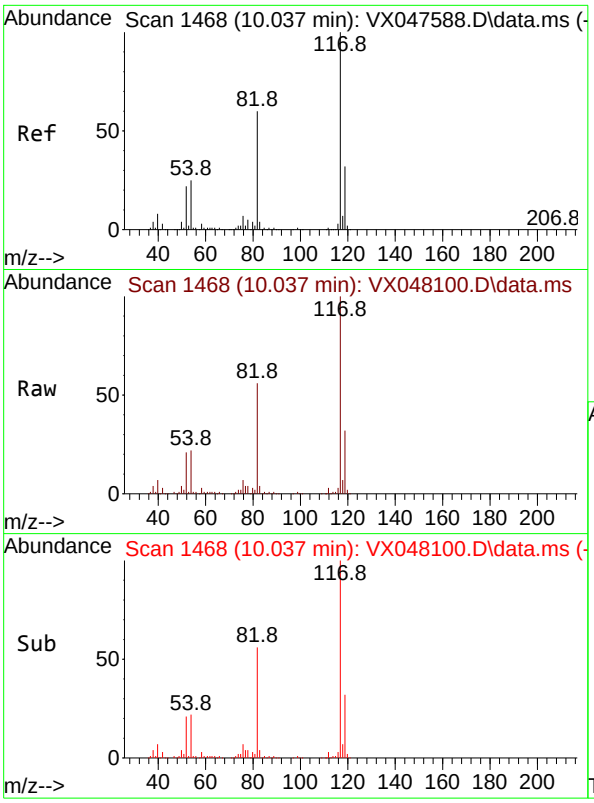


#62
4-Bromofluorobenzene
Concen: 51.012 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 95 Resp: 97098

Ion	Ratio	Lower	Upper
95	100		
174	71.5	0.0	141.6
176	67.9	0.0	138.4

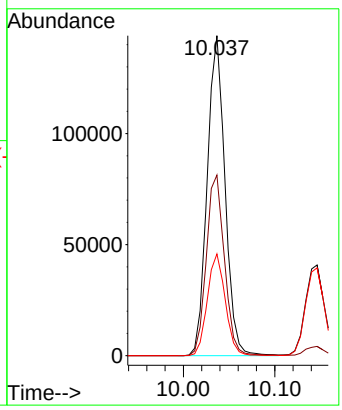




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:117 Resp: 19498

Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.8	71.6
119	31.8	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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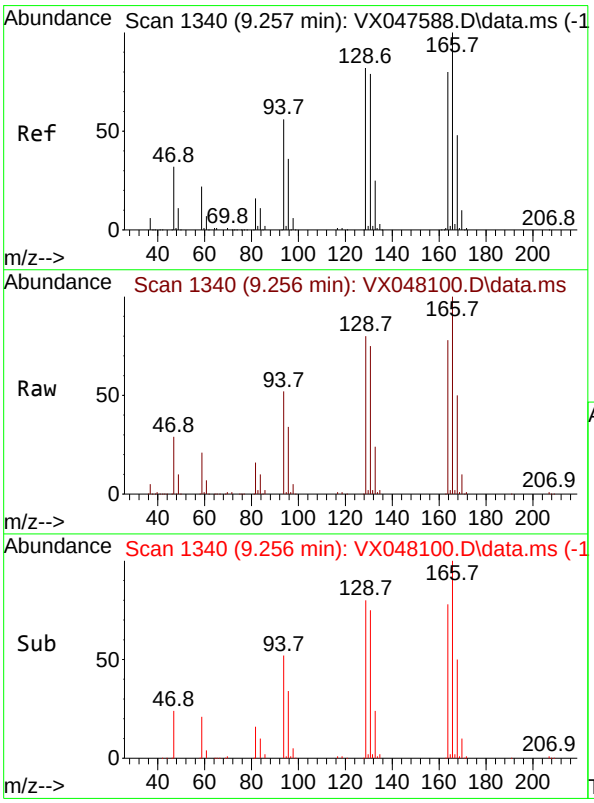
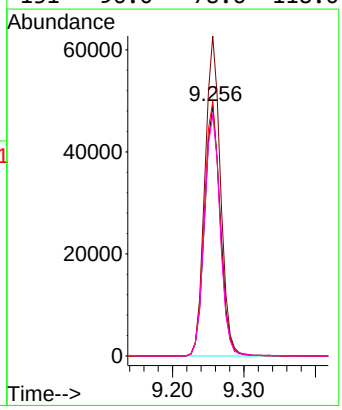
Supervised By :Mahesh Dadoda 10/13/2025

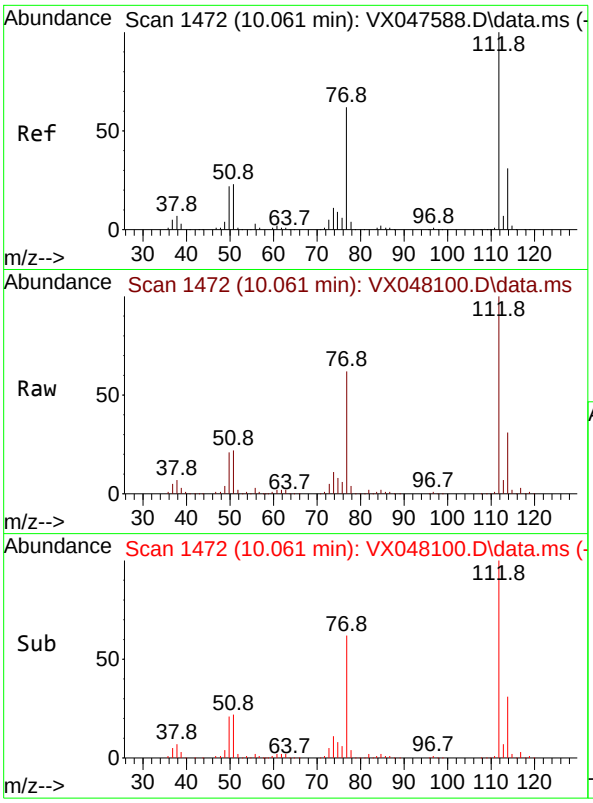


#64
Tetrachloroethene
Concen: 59.002 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:164 Resp: 74999

Ion	Ratio	Lower	Upper
164	100		
166	127.8	100.2	150.2
129	101.6	81.8	122.6
131	96.0	78.6	118.0

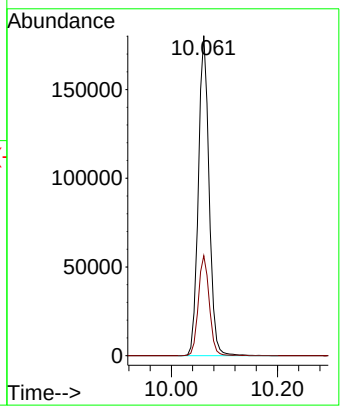




#65
Chlorobenzene
Concen: 57.202 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:112 Resp: 25338

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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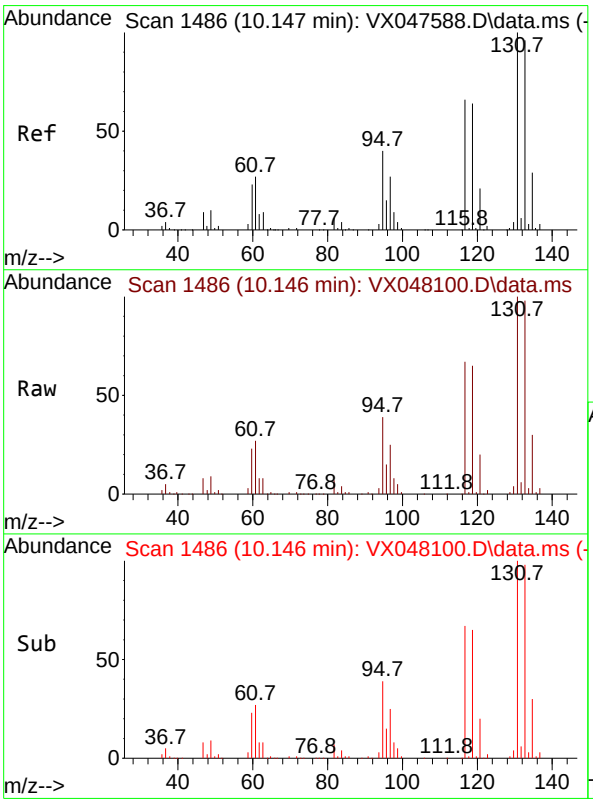
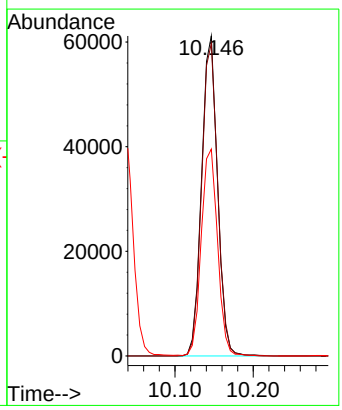
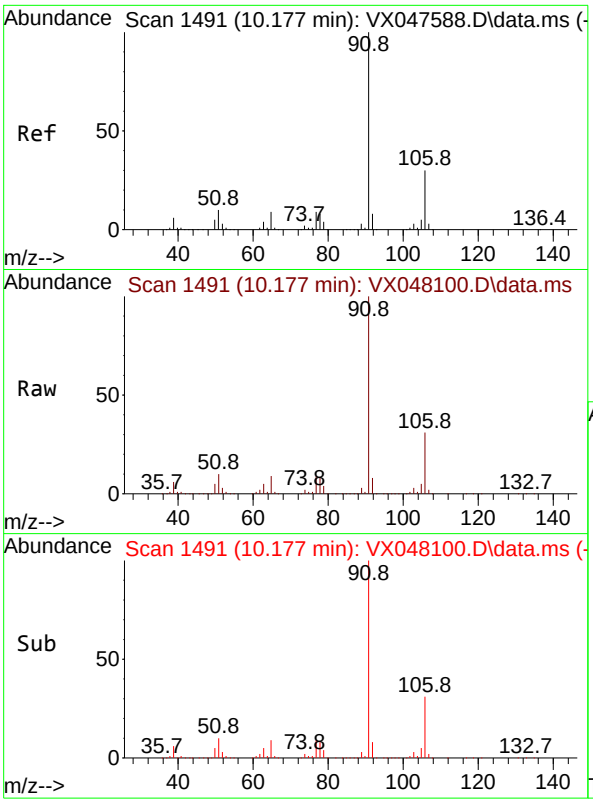


#66
1,1,1,2-Tetrachloroethane
Concen: 56.355 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:131 Resp: 86143

Ion	Ratio	Lower	Upper
131	100		
133	98.6	47.3	142.0
119	66.5	32.0	96.0





#67
Ethyl Benzene
Concen: 58.052 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 91 Resp: 44370

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
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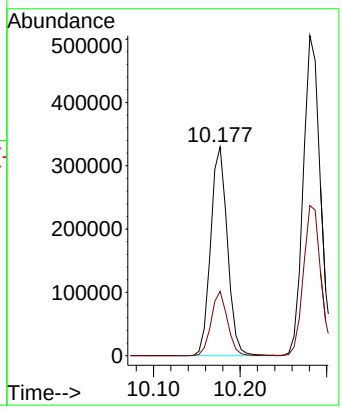
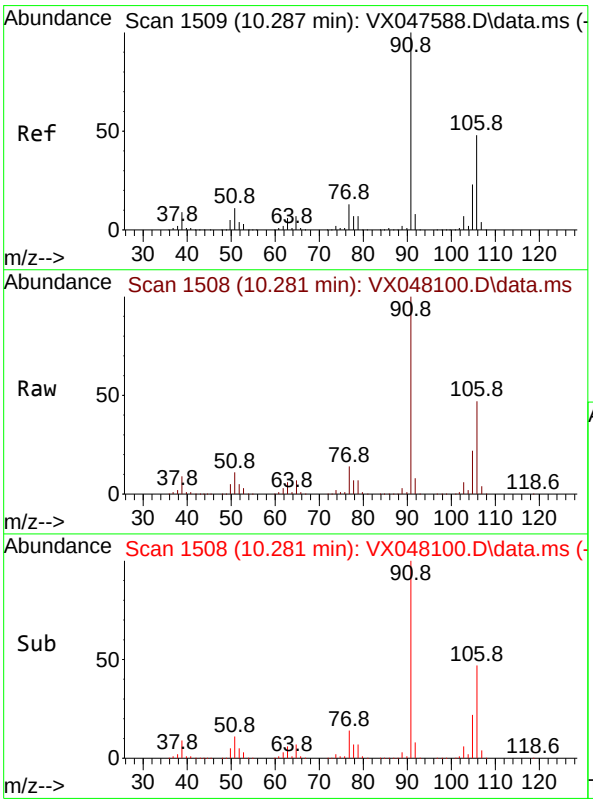
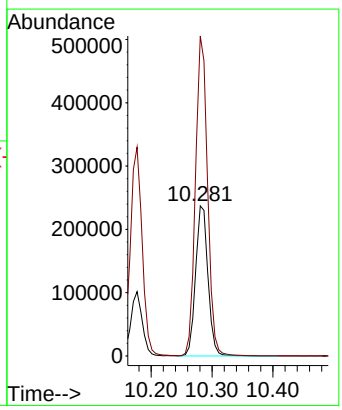


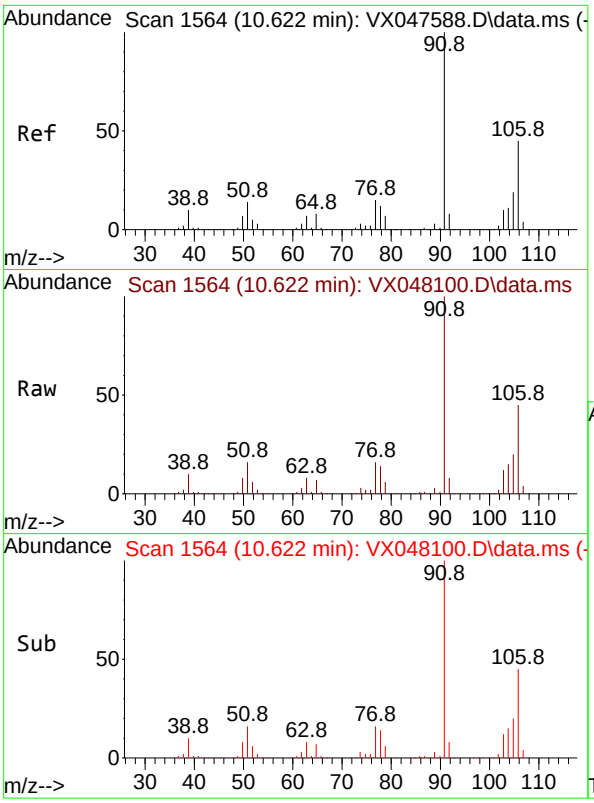


#68
m/p-Xylenes
Concen: 117.368 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:106 Resp: 333897

Ion	Ratio	Lower	Upper
106	100		
91	208.1	167.8	251.8





#69
o-Xylene
Concen: 57.817 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:106 Resp: 15909

Ion	Ratio	Lower	Upper
106	100		
91	220.4	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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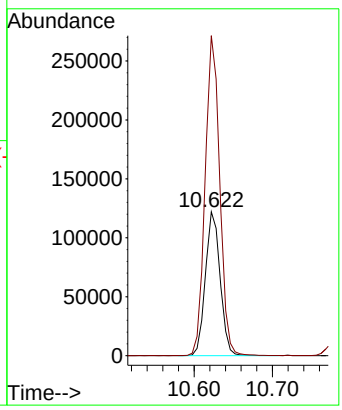
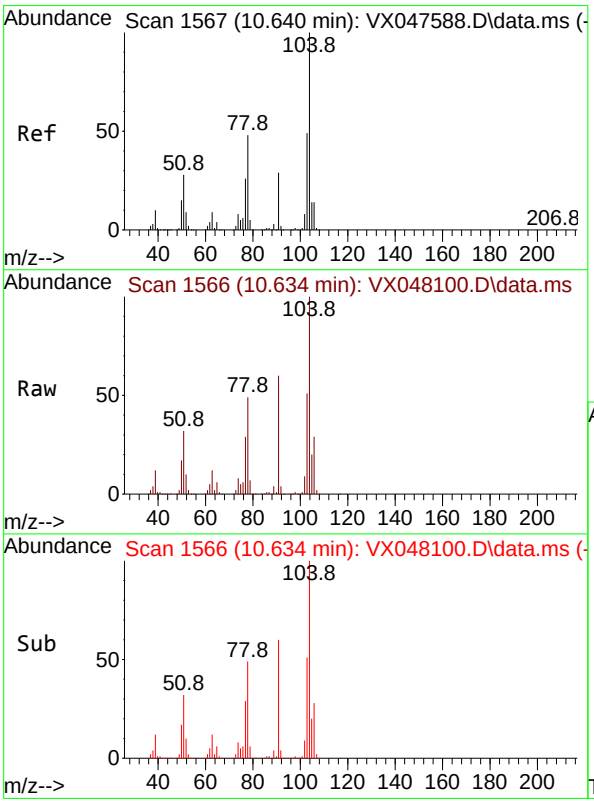
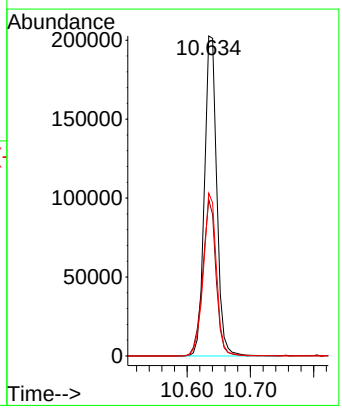


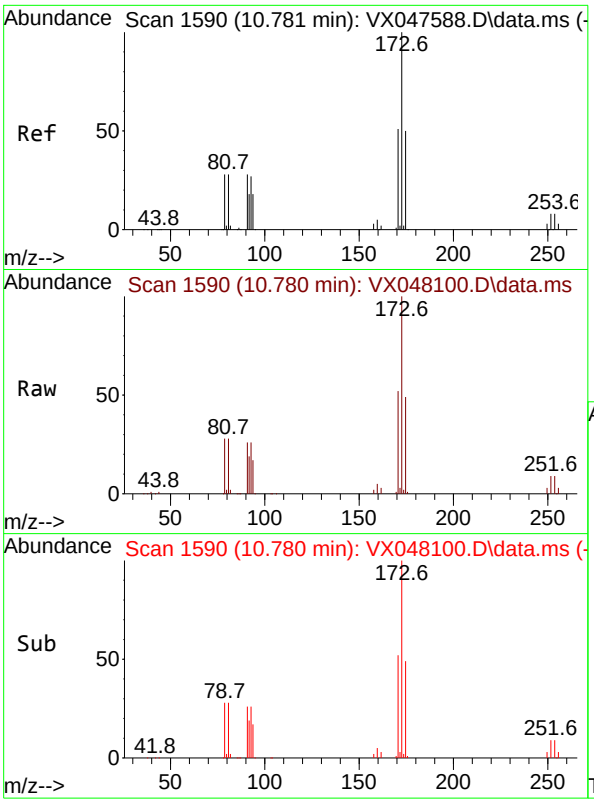


#70
Styrene
Concen: 57.245 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:104 Resp: 276000

Ion	Ratio	Lower	Upper
104	100		
78	52.5	43.1	64.7
103	54.1	43.1	64.7

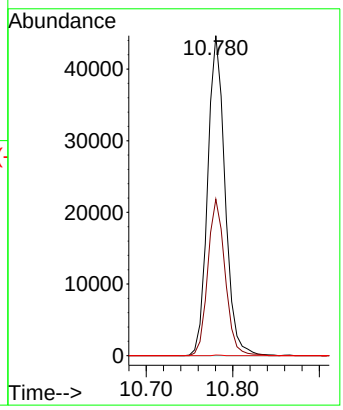




#71
Bromoform
Concen: 54.395 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:173 Resp: 6208

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.9	74.6
254	0.1	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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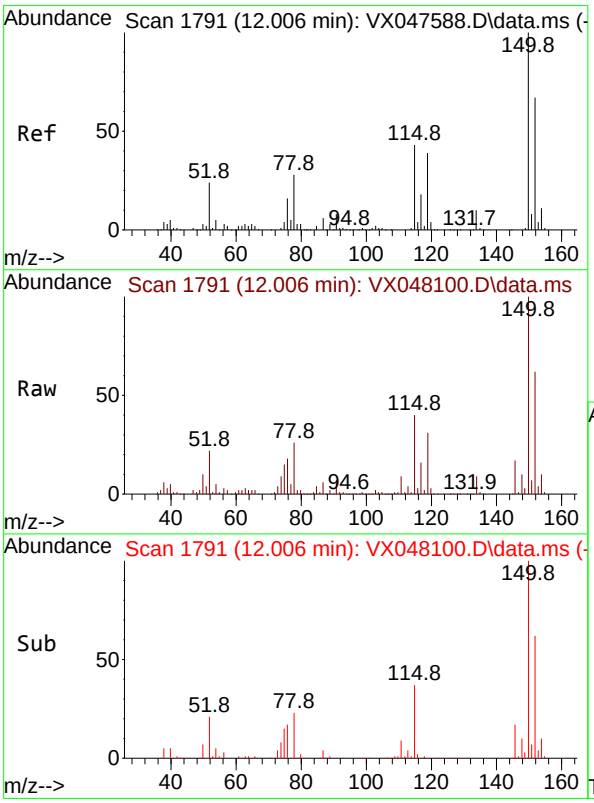
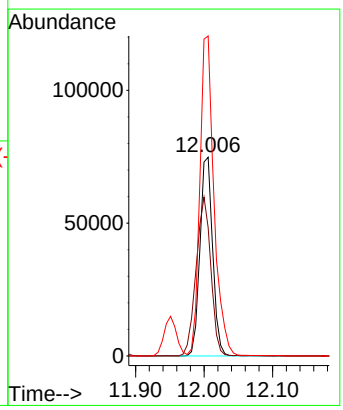
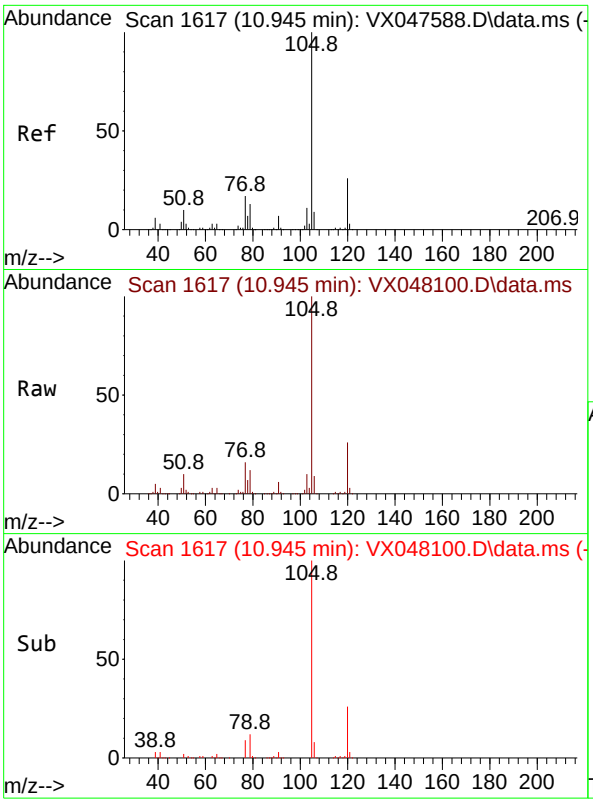


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:152 Resp: 96783

Ion	Ratio	Lower	Upper
152	100		
115	92.0	44.9	134.5
150	179.3	0.0	352.0

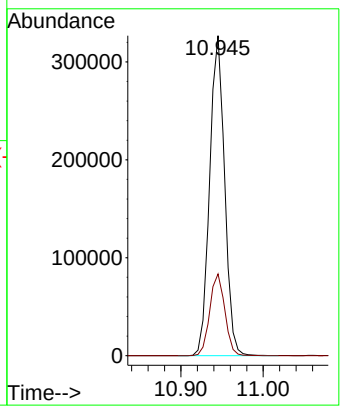




#73
Isopropylbenzene
Concen: 55.989 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 41196

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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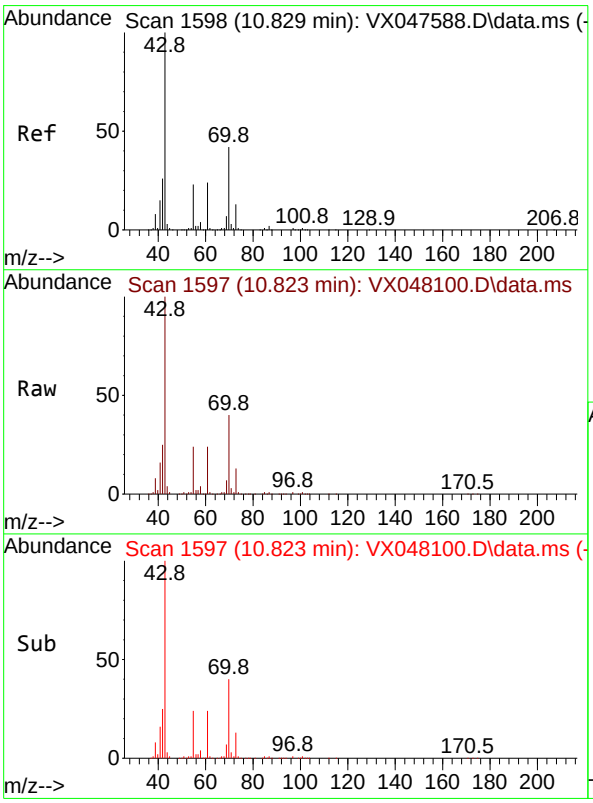
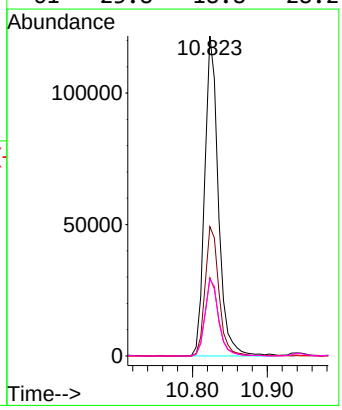
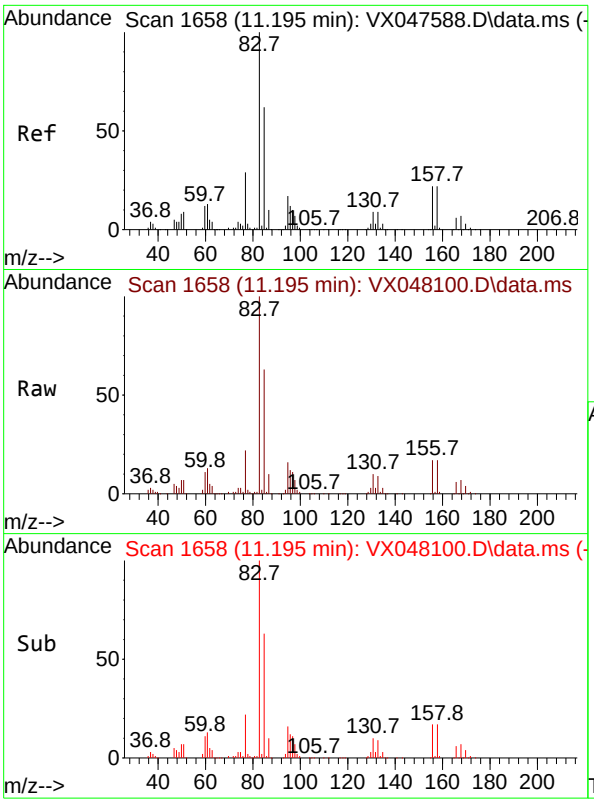


#74
N-amyl acetate
Concen: 46.230 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 155119

Ion	Ratio	Lower	Upper
43	100		
70	40.7	32.0	48.0
55	24.4	18.9	28.3
61	23.8	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.181 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 83 Resp: 11171

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.4	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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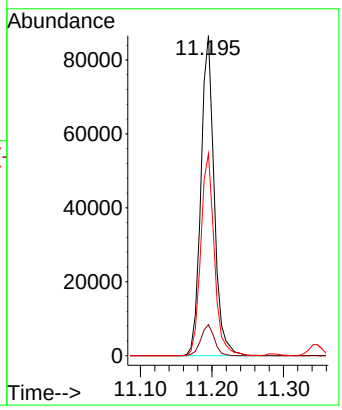
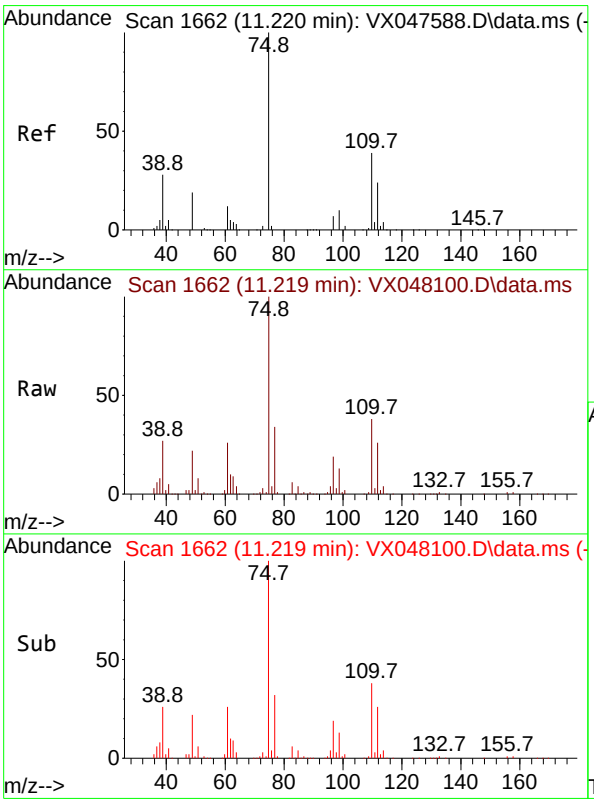
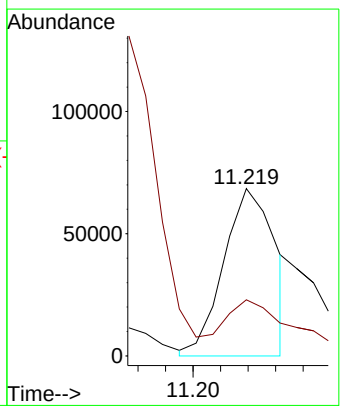


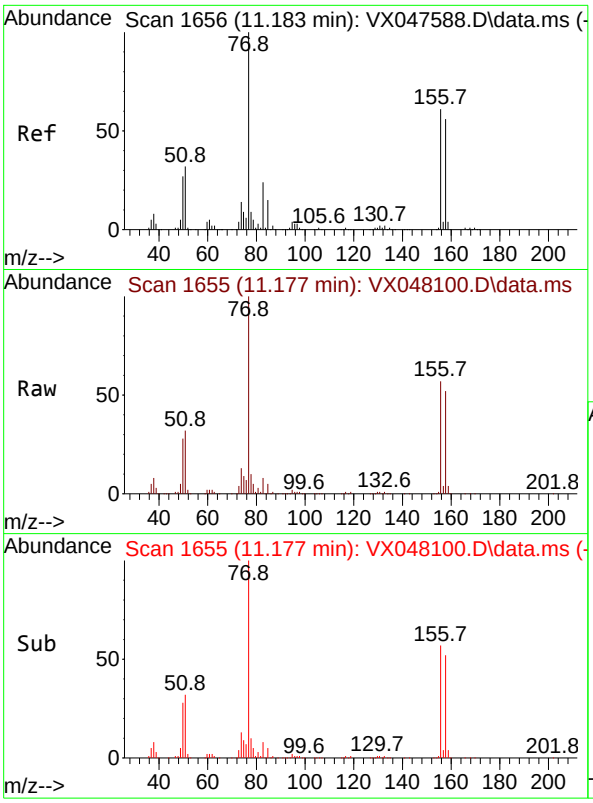


#76
1,2,3-Trichloropropane
Concen: 45.523 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 89204

Ion	Ratio	Lower	Upper
75	100		
77	46.3	18.8	56.4

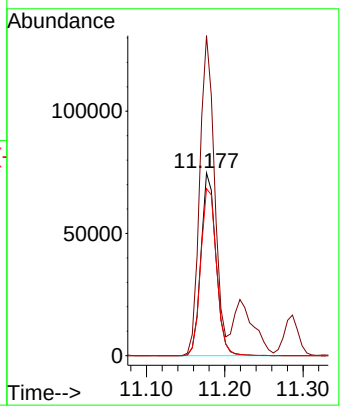




#77
Bromobenzene
Concen: 54.799 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:156 Resp: 9930

Ion	Ratio	Lower	Upper
156	100		
77	172.1	89.7	269.1
158	96.1	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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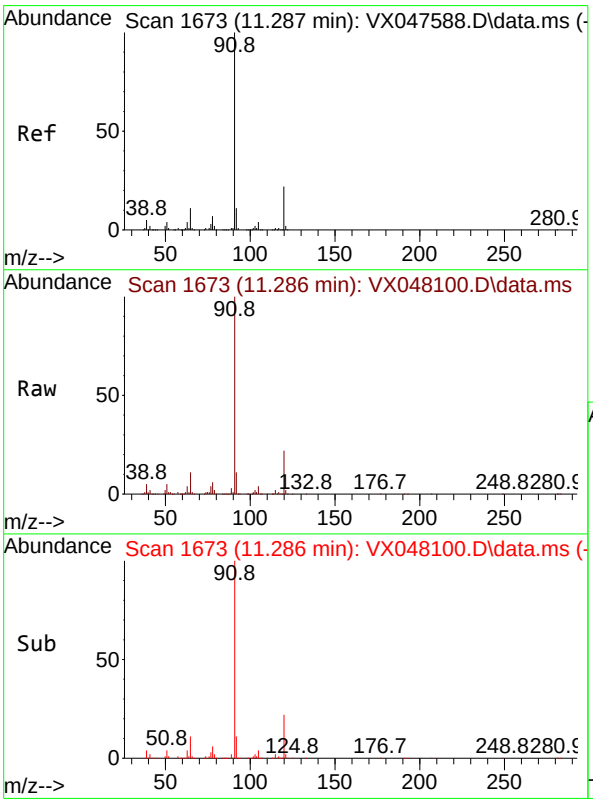
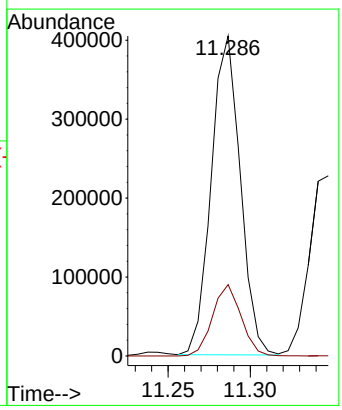
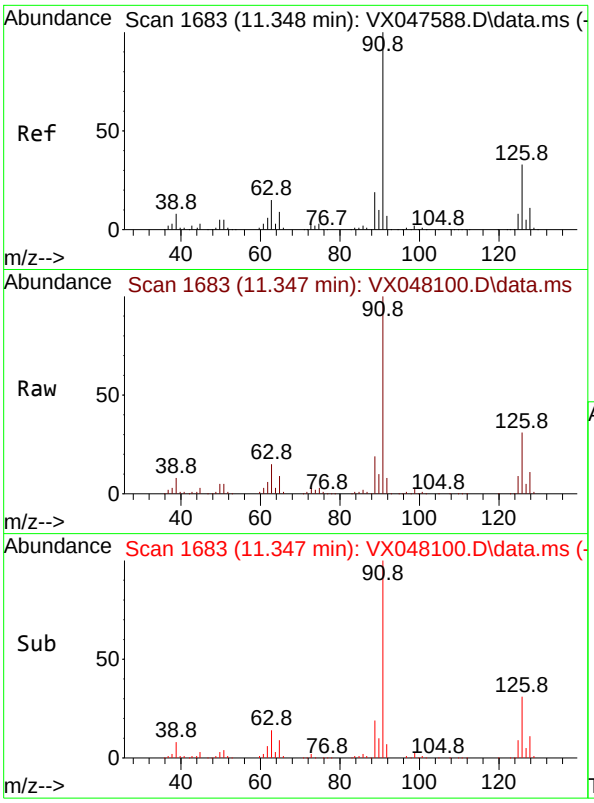


#78
n-propylbenzene
Concen: 57.121 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 91 Resp: 496845

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1

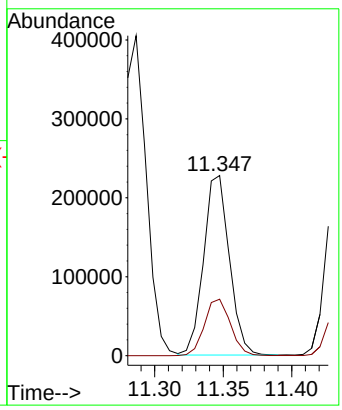




#79
2-Chlorotoluene
Concen: 55.758 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 91 Resp: 29704

Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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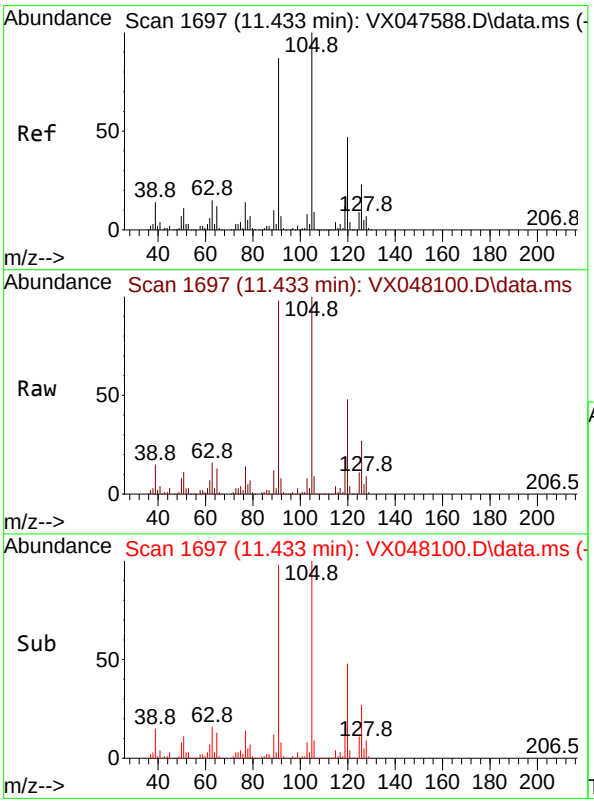
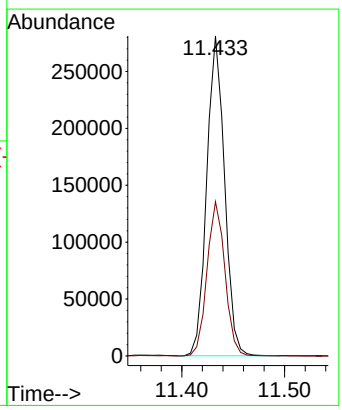
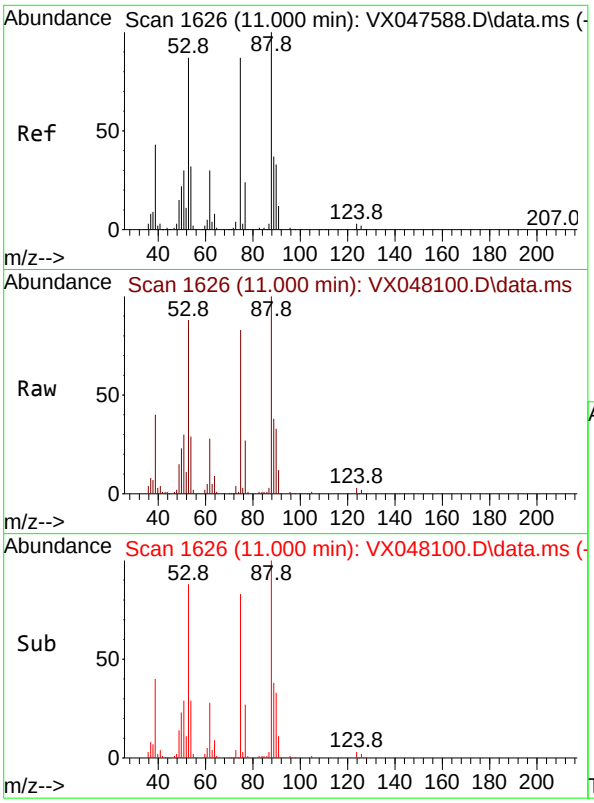


#80
1,3,5-Trimethylbenzene
Concen: 55.914 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 338016

Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.6	70.8

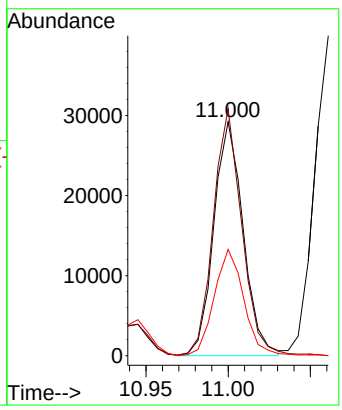




#81
trans-1,4-Dichloro-2-butene
Concen: 47.261 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 3631

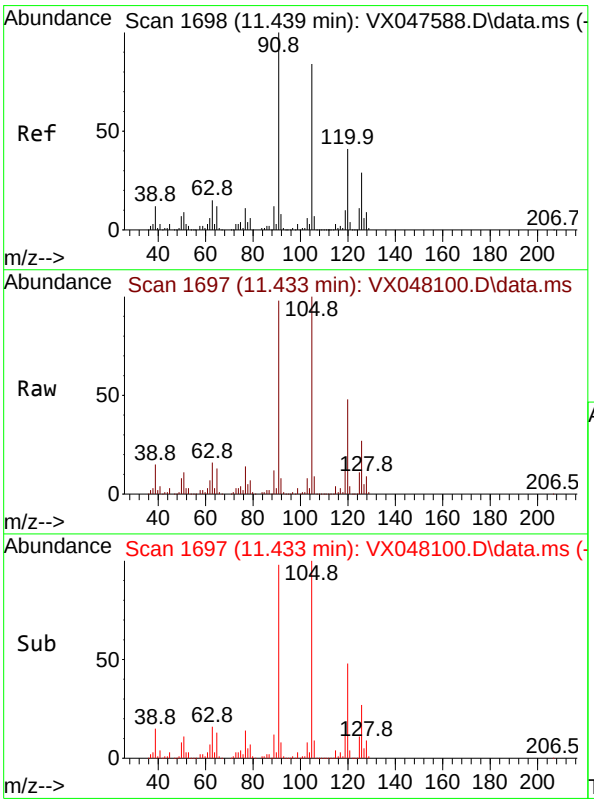
Ion	Ratio	Lower	Upper
75	100		
53	102.6	83.4	125.2
89	45.9	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

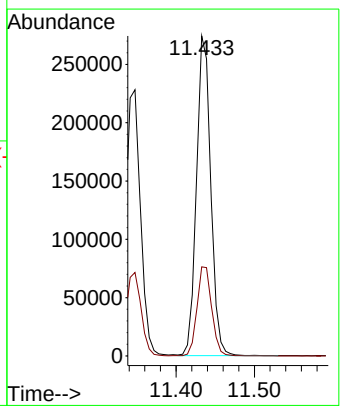
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

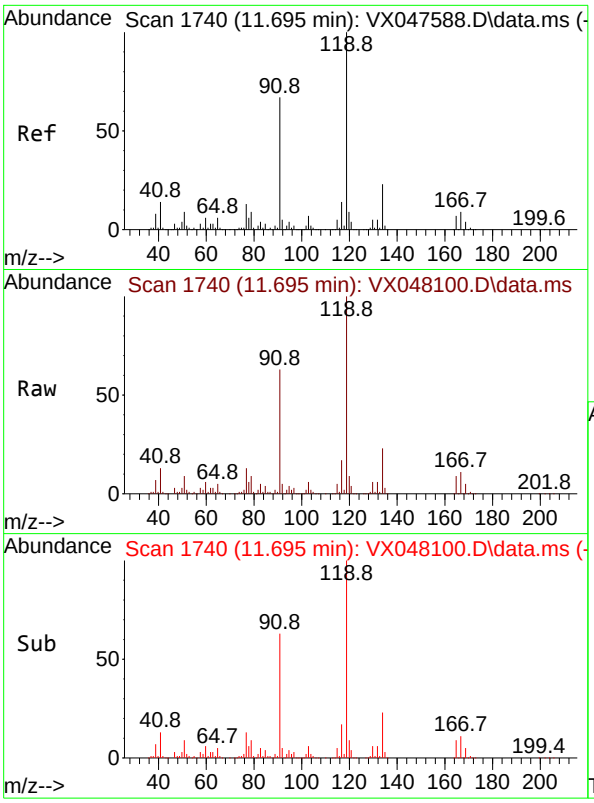


#82
4-Chlorotoluene
Concen: 55.281 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 91 Resp: 347825

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

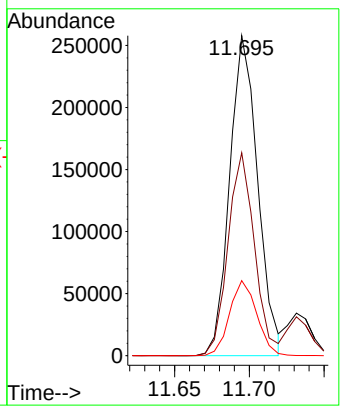




#83
tert-Butylbenzene
Concen: 54.322 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:119 Resp: 33617

Ion	Ratio	Lower	Upper
119	100		
91	60.0	29.6	88.8
134	22.8	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2025
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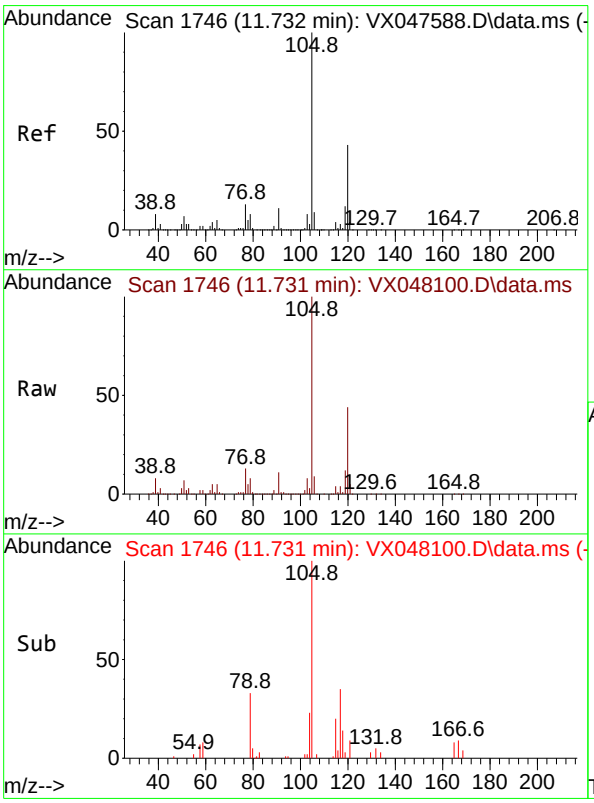
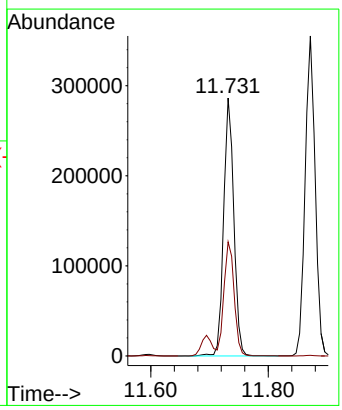
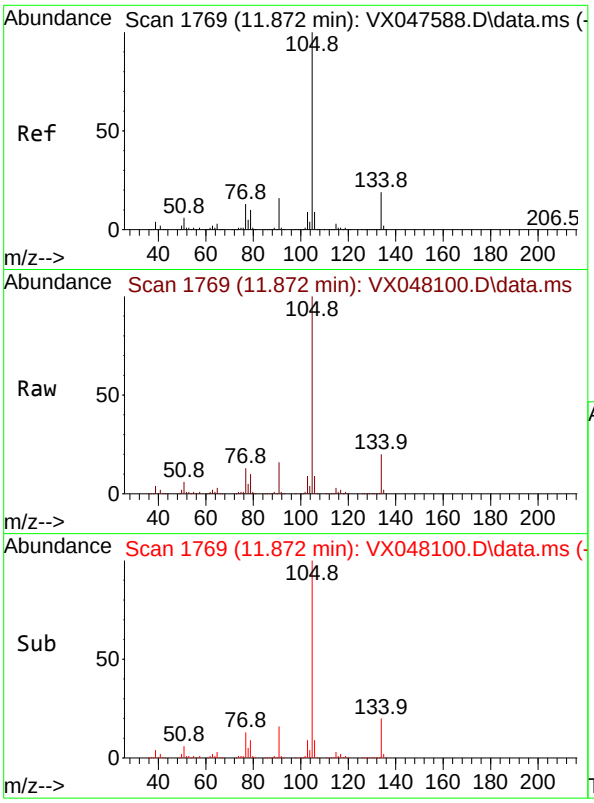


#84
1,2,4-Trimethylbenzene
Concen: 56.322 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 345195

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1

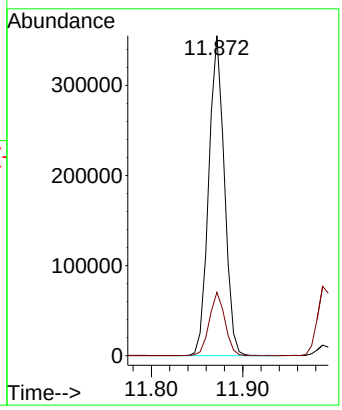




#85
sec-Butylbenzene
Concen: 57.181 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 42031

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 10/13/2025
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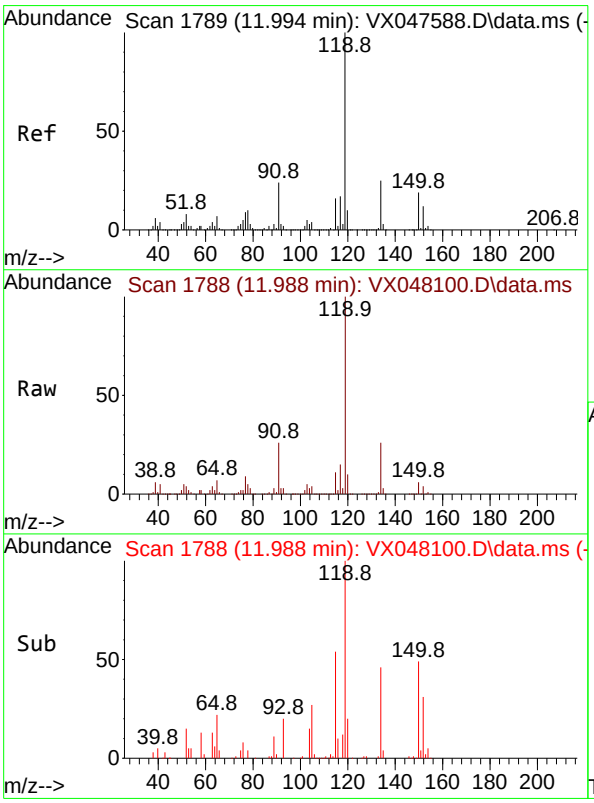
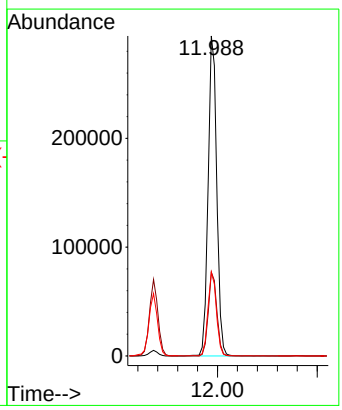
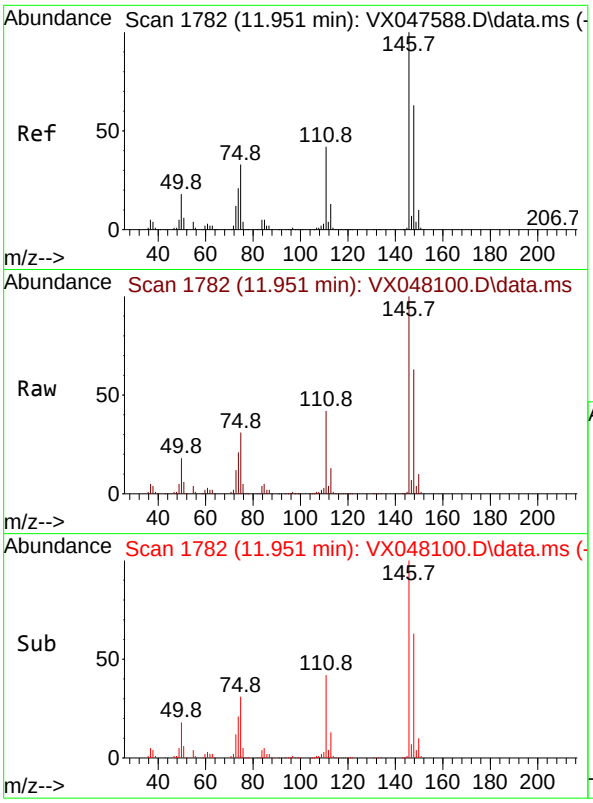


#86
p-Isopropyltoluene
Concen: 56.570 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:119 Resp: 352041

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.6	12.6	37.6

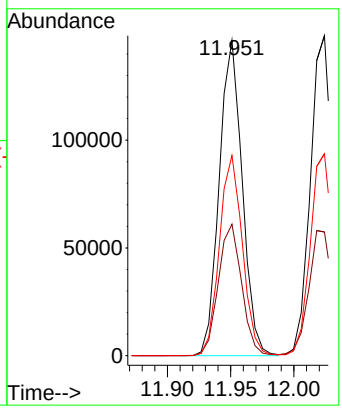




#87
1,3-Dichlorobenzene
Concen: 54.956 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:146 Resp: 18498

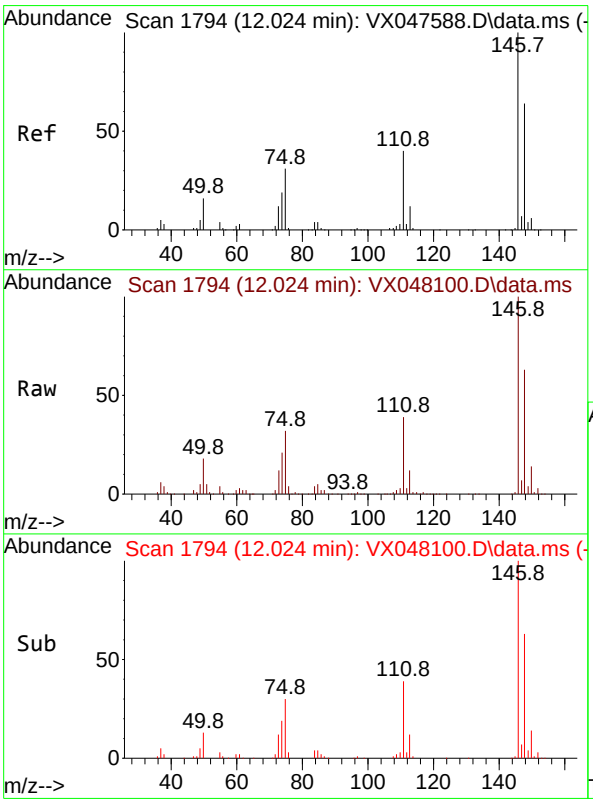
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	63.6	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

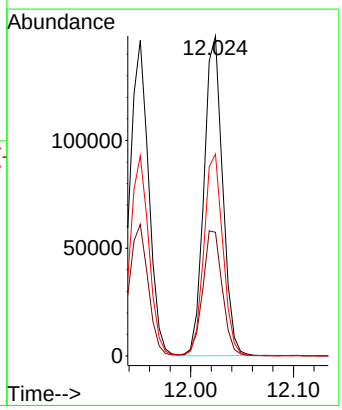
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

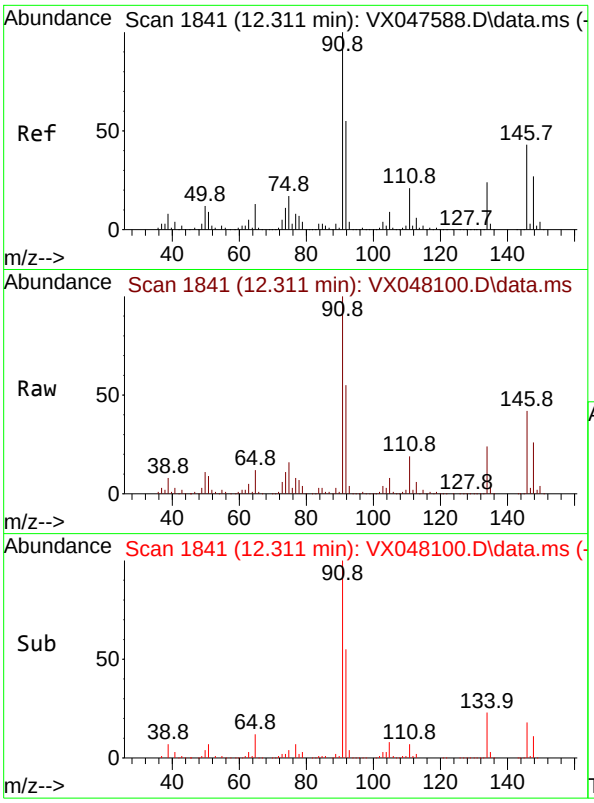


#88
1,4-Dichlorobenzene
Concen: 54.079 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:146 Resp: 186831

Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.8	62.4
148	64.5	31.7	95.1

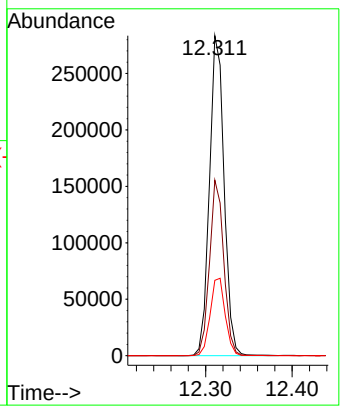




#89
n-Butylbenzene
Concen: 57.851 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 91 Resp: 33312

Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.6	82.7
134	25.0	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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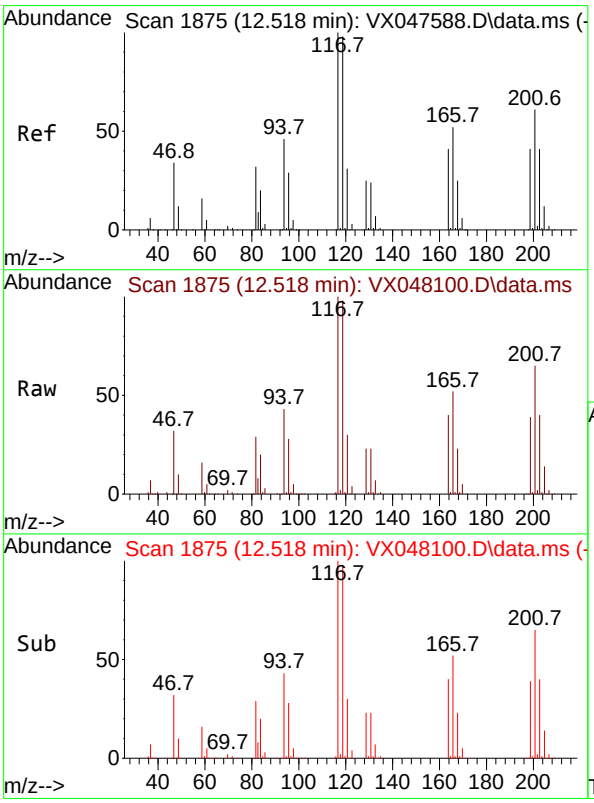
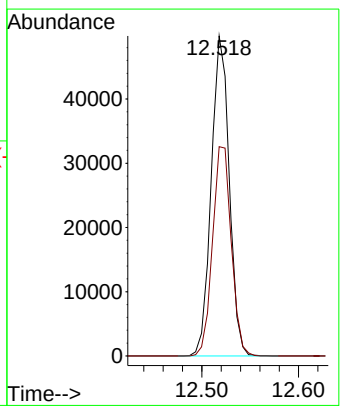
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

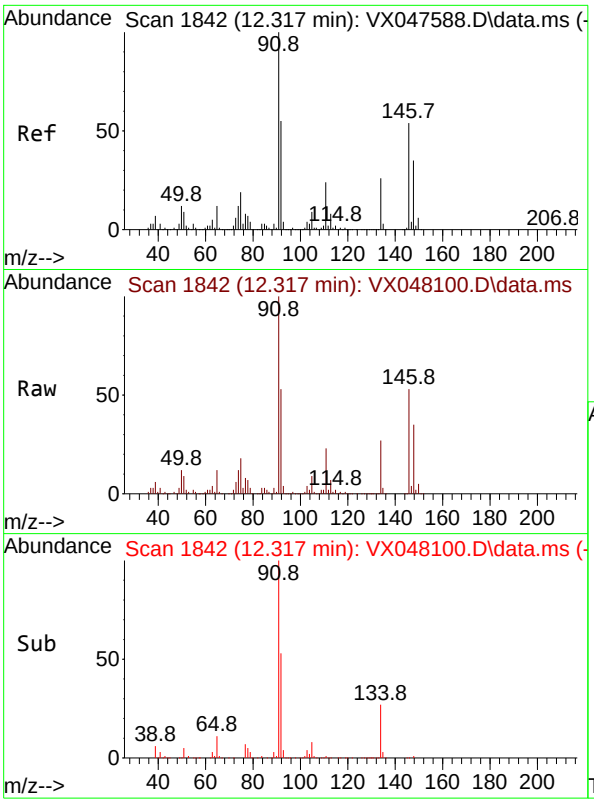


#90
Hexachloroethane
Concen: 58.920 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:117 Resp: 64375

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.2	102.5

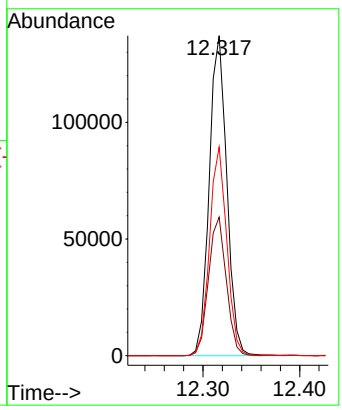




#91
1,2-Dichlorobenzene
Concen: 54.103 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:146 Resp: 17350

Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	64.0	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 10/13/2025
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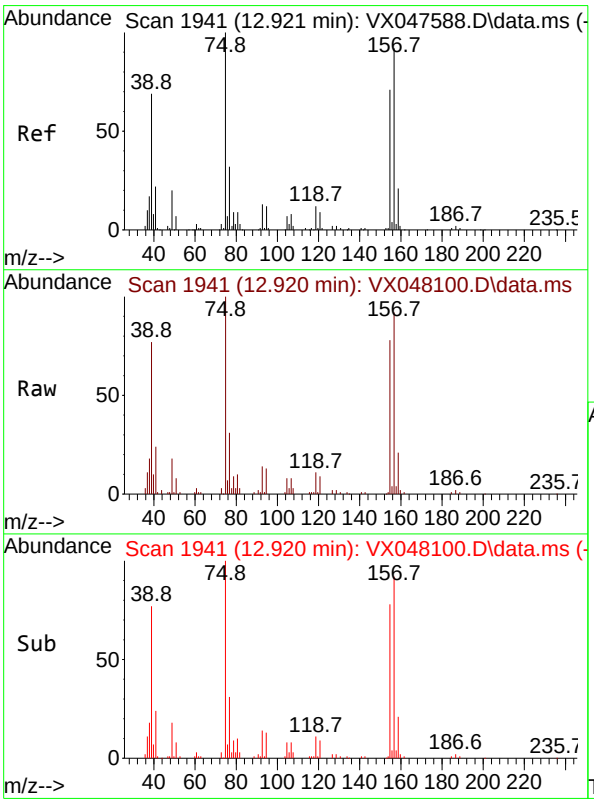
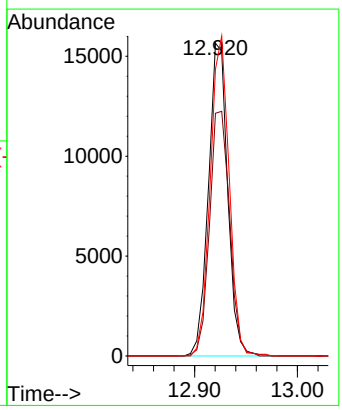
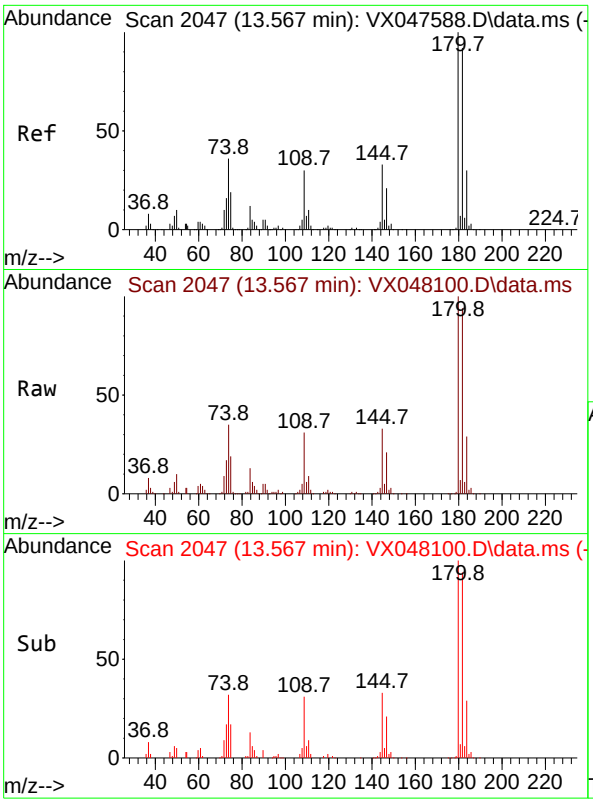


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.201 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 20373

Ion	Ratio	Lower	Upper
75	100		
155	81.4	37.7	113.1
157	100.1	49.8	149.4





#93
1,2,4-Trichlorobenzene
Concen: 52.181 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:180 Resp: 10875

Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.6	139.8
145	32.4	16.4	49.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2025
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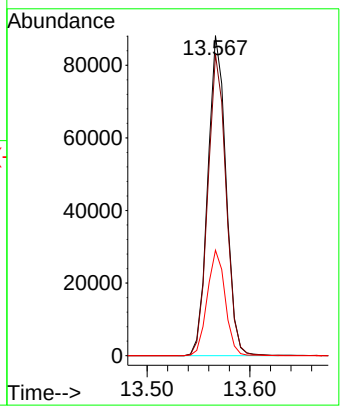
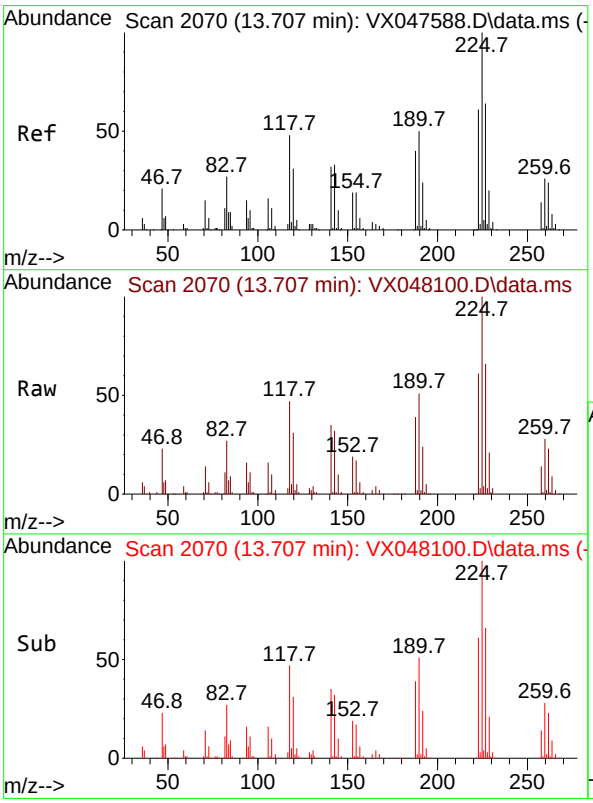
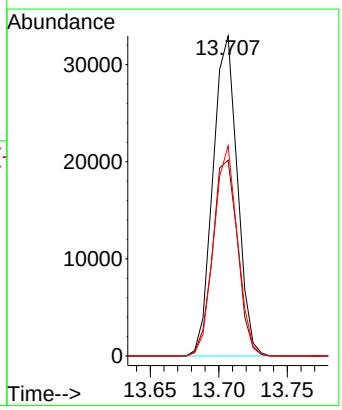


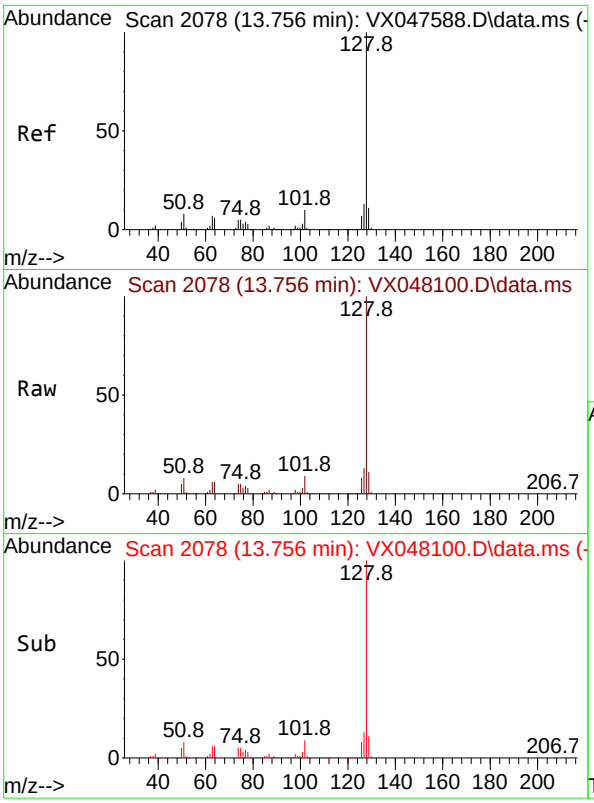


#94
Hexachlorobutadiene
Concen: 57.698 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:225 Resp: 40846

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	63.9	32.0	96.0

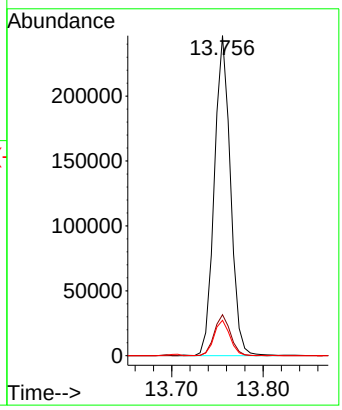




#95
Naphthalene
Concen: 47.508 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:128 Resp: 30151

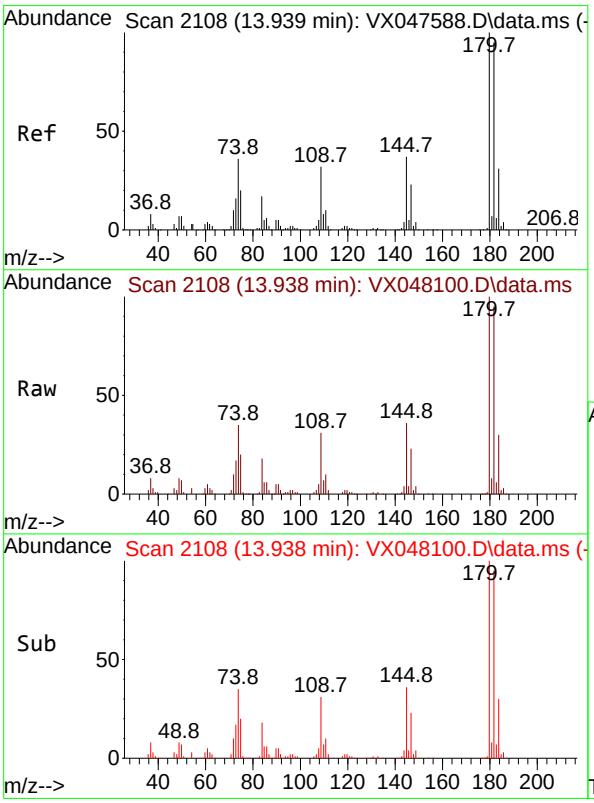
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

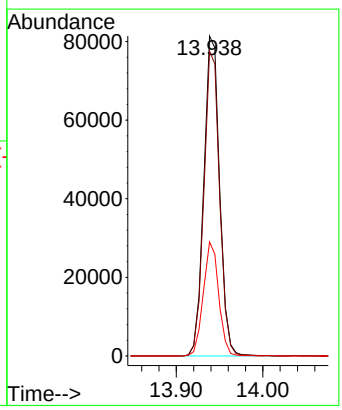
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.220 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:180 Resp: 103180

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.8
145	34.7	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	72	-0.02
2	T	Dichlorodifluoromethane	0.518	0.649	-25.3#	93	0.00
3	P	Chloromethane	0.680	0.784	-15.3	85	0.00
4	C	Vinyl Chloride	0.666	0.823	-23.6#	90	0.00
5	T	Bromomethane	0.422	0.549	-30.1#	93	0.00
6	T	Chloroethane	0.445	0.521	-17.1	85	0.00
7	T	Trichlorofluoromethane	0.989	1.220	-23.4	88	0.00
8	T	Diethyl Ether	0.405	0.440	-8.6	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.696	-20.4	86	0.00
10	T	Methyl Iodide	0.902	0.930	-3.1	73	0.00
11	T	Tert butyl alcohol	0.089	0.069	22.5	56	0.00
12	CM	1,1-Dichloroethene	0.594	0.700	-17.8#	83	0.00
13	T	Acrolein	0.082	0.077	6.1	68	0.00
14	T	Allyl chloride	1.226	1.294	-5.5	77	0.00
15	T	Acrylonitrile	0.328	0.324	1.2	67	-0.01
16	T	Acetone	0.346	0.329	4.9	75	0.00
17	T	Carbon Disulfide	1.626	2.098	-29.0#	97	0.00
18	T	Methyl Acetate	0.770	0.680	11.7	56	0.00
19	T	Methyl tert-butyl Ether	2.169	2.245	-3.5	72	0.00
20	T	Methylene Chloride	0.732	0.797	-8.9	79	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.750	-17.2	83	0.00
22	T	Diisopropyl ether	2.376	2.610	-9.8	76	-0.01
23	T	Vinyl Acetate	1.901	2.061	-8.4	75	0.00
24	P	1,1-Dichloroethane	1.263	1.418	-12.3	79	0.00
25	T	2-Butanone	0.432	0.394	8.8	65	0.00
26	T	2,2-Dichloropropane	1.050	1.188	-13.1	80	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.864	-10.3	77	0.00
28	T	Bromochloromethane	0.551	0.545	1.1	68	-0.01
29	T	Tetrahydrofuran	0.260	0.234	10.0	61	0.00
30	C	Chloroform	1.276	1.444	-13.2#	79	0.00
31	T	Cyclohexane	1.052	1.209	-14.9	85	0.00
32	T	1,1,1-Trichloroethane	1.082	1.249	-15.4	80	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.748	6.0	70	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35	S	Dibromofluoromethane	0.335	0.343	-2.4	73	0.00
36	T	1,1-Dichloropropene	0.490	0.572	-16.7	83	-0.01
37	T	Ethyl Acetate	0.525	0.490	6.7	65	-0.01
38	T	Carbon Tetrachloride	0.532	0.618	-16.2	81	-0.01
39	T	Methylcyclohexane	0.556	0.683	-22.8	85	0.00
40	TM	Benzene	1.488	1.737	-16.7	80	0.00
41	T	Methacrylonitrile	0.271	0.279	-3.0	69	-0.01
42	TM	1,2-Dichloroethane	0.566	0.633	-11.8	76	0.00
43	T	Isopropyl Acetate	0.860	0.826	4.0	65	0.00
44	TM	Trichloroethene	0.360	0.428	-18.9	81	0.00
45	C	1,2-Dichloropropane	0.381	0.437	-14.7#	77	0.00
46	T	Dibromomethane	0.277	0.311	-12.3	76	0.00
47	T	Bromodichloromethane	0.572	0.653	-14.2	76	0.00
48	T	Methyl methacrylate	0.429	0.420	2.1	66	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	71	0.00
50	S	Toluene-d8	1.160	1.162	-0.2	71	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.460	3.6	63	0.00
52	CM	Toluene	0.917	1.068	-16.5#	80	0.00
53	T	t-1,3-Dichloropropene	0.584	0.658	-12.7	75	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.727	-16.5	78	0.00
55	T	1,1,2-Trichloroethane	0.354	0.390	-10.2	75	0.00
56	T	Ethyl methacrylate	0.555	0.582	-4.9	68	0.00
57	T	1,3-Dichloropropane	0.607	0.687	-13.2	76	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.290	-27.8#	75	0.00
59	T	2-Hexanone	0.343	0.326	5.0	64	0.00
60	T	Dibromochloromethane	0.407	0.478	-17.4	77	0.00
61	T	1,2-Dibromoethane	0.360	0.413	-14.7	77	0.00
62	S	4-Bromofluorobenzene	0.440	0.449	-2.0	74	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64	T	Tetrachloroethene	0.326	0.385	-18.1	85	0.00
65	PM	Chlorobenzene	1.136	1.300	-14.4	80	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.442	-12.8	77	0.00
67	C	Ethyl Benzene	1.960	2.276	-16.1#	81	0.00
68	T	m/p-Xylenes	0.729	0.856	-17.4	81	0.00
69	T	o-Xylene	0.706	0.816	-15.6	79	0.00
70	T	Styrene	1.236	1.415	-14.5	79	0.00
71	P	Bromoform	0.293	0.318	-8.5	73	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73	T	Isopropylbenzene	3.801	4.257	-12.0	80	0.00
74	T	N-amyl acetate	1.733	1.603	7.5	65	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.154	-0.3	71	0.00
76	T	1,2,3-Trichloropropane	1.012	0.922	8.9	62	0.00
77	T	Bromobenzene	0.936	1.026	-9.6	79	0.00
78	T	n-propylbenzene	4.494	5.134	-14.2	81	0.00
79	T	2-Chlorotoluene	2.752	3.069	-11.5	80	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.493	-11.8	79	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.375	5.5	69	0.00
82	T	4-Chlorotoluene	3.251	3.594	-10.6	79	0.00
83	T	tert-Butylbenzene	3.197	3.473	-8.6	78	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.567	-12.7	81	0.00
85	T	sec-Butylbenzene	3.797	4.343	-14.4	82	0.00
86	T	p-Isopropyltoluene	3.215	3.637	-13.1	81	0.00
87	T	1,3-Dichlorobenzene	1.739	1.911	-9.9	80	0.00
88	T	1,4-Dichlorobenzene	1.785	1.930	-8.1	80	0.00
89	T	n-Butylbenzene	2.975	3.442	-15.7	83	0.00
90	T	Hexachloroethane	0.564	0.665	-17.9	85	0.00
91	T	1,2-Dichlorobenzene	1.657	1.793	-8.2	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.211	9.4	63	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.124	-4.4	74	0.00
94	T	Hexachlorobutadiene	0.366	0.422	-15.3	83	0.00
95	T	Naphthalene	3.279	3.115	5.0	67	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	1.066	-6.4	74	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	72	-0.02
2	T	Dichlorodifluoromethane	50.000	62.704	-25.4#	93	0.00
3	P	Chloromethane	50.000	57.574	-15.1	85	0.00
4	C	Vinyl Chloride	50.000	61.811	-23.6#	90	0.00
5	T	Bromomethane	50.000	64.930	-29.9#	93	0.00
6	T	Chloroethane	50.000	58.479	-17.0	85	0.00
7	T	Trichlorofluoromethane	50.000	61.671	-23.3	88	0.00
8	T	Diethyl Ether	50.000	54.366	-8.7	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	60.150	-20.3	86	0.00
10	T	Methyl Iodide	50.000	51.534	-3.1	73	0.00
11	T	Tert butyl alcohol	250.000	195.898	21.6	56	0.00
12	CM	1,1-Dichloroethene	50.000	58.907	-17.8#	83	0.00
13	T	Acrolein	250.000	234.408	6.2	68	0.00
14	T	Allyl chloride	50.000	52.773	-5.5	77	0.00
15	T	Acrylonitrile	250.000	246.526	1.4	67	-0.01
16	T	Acetone	250.000	237.922	4.8	75	0.00
17	T	Carbon Disulfide	50.000	64.504	-29.0#	97	0.00
18	T	Methyl Acetate	50.000	44.124	11.8	56	0.00
19	T	Methyl tert-butyl Ether	50.000	51.761	-3.5	72	0.00
20	T	Methylene Chloride	50.000	54.423	-8.8	79	0.00
21	T	trans-1,2-Dichloroethene	50.000	58.612	-17.2	83	0.00
22	T	Diisopropyl ether	50.000	54.941	-9.9	76	-0.01
23	T	Vinyl Acetate	250.000	271.021	-8.4	75	0.00
24	P	1,1-Dichloroethane	50.000	56.138	-12.3	79	0.00
25	T	2-Butanone	250.000	228.417	8.6	65	0.00
26	T	2,2-Dichloropropane	50.000	56.601	-13.2	80	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.148	-10.3	77	0.00
28	T	Bromochloromethane	50.000	49.437	1.1	68	-0.01
29	T	Tetrahydrofuran	250.000	225.327	9.9	61	0.00
30	C	Chloroform	50.000	56.575	-13.2#	79	0.00
31	T	Cyclohexane	50.000	57.468	-14.9	85	0.00
32	T	1,1,1-Trichloroethane	50.000	57.701	-15.4	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.002	6.0	70	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	51.088	-2.2	73	0.00
36	T	1,1-Dichloropropene	50.000	58.352	-16.7	83	-0.01
37	T	Ethyl Acetate	50.000	46.745	6.5	65	-0.01
38	T	Carbon Tetrachloride	50.000	58.053	-16.1	81	-0.01
39	T	Methylcyclohexane	50.000	61.418	-22.8	85	0.00
40	TM	Benzene	50.000	58.350	-16.7	80	0.00
41	T	Methacrylonitrile	50.000	51.510	-3.0	69	-0.01
42	TM	1,2-Dichloroethane	50.000	55.892	-11.8	76	0.00
43	T	Isopropyl Acetate	50.000	47.975	4.0	65	0.00
44	TM	Trichloroethene	50.000	59.475	-19.0	81	0.00
45	C	1,2-Dichloropropane	50.000	57.281	-14.6#	77	0.00
46	T	Dibromomethane	50.000	56.040	-12.1	76	0.00
47	T	Bromodichloromethane	50.000	57.029	-14.1	76	0.00
48	T	Methyl methacrylate	50.000	48.949	2.1	66	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1112.974	-11.3	71	0.00
50	S	Toluene-d8	50.000	50.093	-0.2	71	0.00
51	T	4-Methyl-2-Pentanone	250.000	241.298	3.5	63	0.00
52	CM	Toluene	50.000	58.265	-16.5#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	56.386	-12.8	75	0.00
54	T	cis-1,3-Dichloropropene	50.000	58.227	-16.5	78	0.00
55	T	1,1,2-Trichloroethane	50.000	55.112	-10.2	75	0.00
56	T	Ethyl methacrylate	50.000	52.366	-4.7	68	0.00
57	T	1,3-Dichloropropane	50.000	56.528	-13.1	76	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.315	-8.5	75	0.00
59	T	2-Hexanone	250.000	237.813	4.9	64	0.00
60	T	Dibromochloromethane	50.000	58.645	-17.3	77	0.00
61	T	1,2-Dibromoethane	50.000	57.338	-14.7	77	0.00
62	S	4-Bromofluorobenzene	50.000	51.012	-2.0	74	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	59.002	-18.0	85	0.00
65	PM	Chlorobenzene	50.000	57.202	-14.4	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.355	-12.7	77	0.00
67	C	Ethyl Benzene	50.000	58.052	-16.1#	81	0.00
68	T	m/p-Xylenes	100.000	117.368	-17.4	81	0.00
69	T	o-Xylene	50.000	57.817	-15.6	79	0.00
70	T	Styrene	50.000	57.245	-14.5	79	0.00
71	P	Bromoform	50.000	54.395	-8.8	73	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	55.989	-12.0	80	0.00
74	T	N-amyl acetate	50.000	46.230	7.5	65	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.181	-0.4	71	0.00
76	T	1,2,3-Trichloropropane	50.000	45.523	9.0	62	0.00
77	T	Bromobenzene	50.000	54.799	-9.6	79	0.00
78	T	n-propylbenzene	50.000	57.121	-14.2	81	0.00
79	T	2-Chlorotoluene	50.000	55.758	-11.5	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.914	-11.8	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.261	5.5	69	0.00
82	T	4-Chlorotoluene	50.000	55.281	-10.6	79	0.00
83	T	tert-Butylbenzene	50.000	54.322	-8.6	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.322	-12.6	81	0.00
85	T	sec-Butylbenzene	50.000	57.181	-14.4	82	0.00
86	T	p-Isopropyltoluene	50.000	56.570	-13.1	81	0.00
87	T	1,3-Dichlorobenzene	50.000	54.956	-9.9	80	0.00
88	T	1,4-Dichlorobenzene	50.000	54.079	-8.2	80	0.00
89	T	n-Butylbenzene	50.000	57.851	-15.7	83	0.00
90	T	Hexachloroethane	50.000	58.920	-17.8	85	0.00
91	T	1,2-Dichlorobenzene	50.000	54.103	-8.2	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.201	9.6	63	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.181	-4.4	74	0.00
94	T	Hexachlorobutadiene	50.000	57.698	-15.4	83	0.00
95	T	Naphthalene	50.000	47.508	5.0	67	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.220	-6.4	74	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	CORE02
Lab Code:	ACE	SDG No.:	Q3311
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/13/2025 08:55
Lab File ID:	VX048126.D	Init. Calib. Date(s):	09/16/2025 09/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.671		29.54	20
Chloromethane	0.680	0.785	0.1	15.44	20
Vinyl Chloride	0.666	0.852		27.93	20
Bromomethane	0.422	0.549		30.09	20
Chloroethane	0.445	0.526		18.2	20
Trichlorofluoromethane	0.989	1.276		29.02	20
1,1,2-Trichlorotrifluoroethane	0.578	0.719		24.39	20
1,1-Dichloroethene	0.594	0.704		18.52	20
Acetone	0.346	0.388		12.14	20
Carbon Disulfide	1.626	2.125		30.69	20
Methyl tert-butyl Ether	2.169	2.184		0.69	20
Methyl Acetate	0.770	0.662		-14.03	20
Methylene Chloride	0.732	0.792		8.2	20
trans-1,2-Dichloroethene	0.640	0.737		15.16	20
1,1-Dichloroethane	1.263	1.374	0.1	8.79	20
Cyclohexane	1.052	1.154		9.7	20
2-Butanone	0.432	0.420		-2.78	20
Carbon Tetrachloride	0.532	0.619		16.35	20
cis-1,2-Dichloroethene	0.783	0.834		6.51	20
Bromochloromethane	0.551	0.541		-1.82	20
Chloroform	1.276	1.362		6.74	20
1,1,1-Trichloroethane	1.082	1.202		11.09	20
Methylcyclohexane	0.556	0.656		17.99	20
Benzene	1.488	1.660		11.56	20
1,2-Dichloroethane	0.566	0.595		5.12	20
Trichloroethene	0.360	0.401		11.39	20
1,2-Dichloropropane	0.381	0.408		7.09	20
Bromodichloromethane	0.572	0.627		9.61	20
4-Methyl-2-Pentanone	0.477	0.439		-7.97	20
Toluene	0.917	1.001		9.16	20
t-1,3-Dichloropropene	0.584	0.620		6.16	20
cis-1,3-Dichloropropene	0.624	0.679		8.81	20
1,1,2-Trichloroethane	0.354	0.367		3.67	20
2-Hexanone	0.343	0.324		-5.54	20
Dibromochloromethane	0.407	0.454		11.55	20
1,2-Dibromoethane	0.360	0.377		4.72	20
Tetrachloroethene	0.326	0.378		15.95	20
Chlorobenzene	1.136	1.244	0.3	9.51	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	CORE02
Lab Code:	ACE	SDG No.:	Q3311
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/13/2025 08:55
Lab File ID:	VX048126.D	Init. Calib. Date(s):	09/16/2025 09/16/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.198		12.14	20
m/p-Xylenes	0.729	0.828		13.58	20
o-Xylene	0.706	0.776		9.91	20
Styrene	1.236	1.362		10.19	20
Bromoform	0.293	0.319	0.1	8.87	20
Isopropylbenzene	3.801	4.167		9.63	20
1,1,2,2-Tetrachloroethane	1.150	1.117	0.3	-2.87	20
1,3-Dichlorobenzene	1.739	1.803		3.68	20
1,4-Dichlorobenzene	1.785	1.846		3.42	20
1,2-Dichlorobenzene	1.657	1.723		3.98	20
1,2-Dibromo-3-Chloropropane	0.233	0.207		-11.16	20
1,2,4-Trichlorobenzene	1.077	1.054		-2.14	20
1,2,3-Trichlorobenzene	1.002	0.995		-0.7	20
1,2-Dichloroethane-d4	0.796	0.792		-0.5	20
Dibromofluoromethane	0.335	0.370		10.45	20
Toluene-d8	1.160	1.233		6.29	20
4-Bromofluorobenzene	0.440	0.456		3.64	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.525	168	154232	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.739	114	259451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	223200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	109642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	122218	49.784	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.560%			
35) Dibromofluoromethane	5.361	113	96057	55.205	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.400%			
50) Toluene-d8	8.629	98	320023	53.153	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.300%			
62) 4-Bromofluorobenzene	11.061	95	118434	51.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	103463	64.782	ug/l	98
3) Chloromethane	1.301	50	121065	57.677	ug/l	100
4) Vinyl Chloride	1.380	62	131386	63.944	ug/l	100
5) Bromomethane	1.612	94	84717	65.021	ug/l	96
6) Chloroethane	1.691	64	81130	59.077	ug/l	99
7) Trichlorofluoromethane	1.892	101	196755	64.492	ug/l	100
8) Diethyl Ether	2.136	74	66781	53.511	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	110939	62.189	ug/l	99
10) Methyl Iodide	2.453	142	129313	46.479	ug/l	97
11) Tert butyl alcohol	2.934	59	56929	208.211	ug/l	96
12) 1,1-Dichloroethene	2.325	96	108573	59.251	ug/l	97
13) Acrolein	2.233	56	68559	272.102	ug/l	98
14) Allyl chloride	2.660	41	196379	51.934	ug/l	97
15) Acrylonitrile	3.050	53	248774	245.639	ug/l	99
16) Acetone	2.368	43	299583	280.657	ug/l	98
17) Carbon Disulfide	2.514	76	327782	65.341	ug/l	98
18) Methyl Acetate	2.697	43	102094	42.977	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	336820	50.353	ug/l	99
20) Methylene Chloride	2.788	84	122220	54.092	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	113608	57.586	ug/l	97
22) Diisopropyl ether	3.745	45	387319	52.853	ug/l	93
23) Vinyl Acetate	3.709	43	1524842	259.984	ug/l	100
24) 1,1-Dichloroethane	3.599	63	211944	54.414	ug/l	99
25) 2-Butanone	4.526	43	323611	243.044	ug/l	99
26) 2,2-Dichloropropane	4.459	77	176762	54.594	ug/l	100
27) cis-1,2-Dichloroethene	4.471	96	128687	53.263	ug/l	99
28) Bromochloromethane	4.879	49	83502	49.106	ug/l	99
29) Tetrahydrofuran	4.983	42	175527	219.136	ug/l	99
30) Chloroform	5.068	83	210135	53.388	ug/l	96
31) Cyclohexane	5.452	56	178045	54.883	ug/l	98
32) 1,1,1-Trichloroethane	5.361	97	185345	55.516	ug/l	99
36) 1,1-Dichloropropene	5.672	75	143574	56.468	ug/l	99
37) Ethyl Acetate	4.684	43	126824	46.586	ug/l	99
38) Carbon Tetrachloride	5.660	117	160504	58.100	ug/l	99
39) Methylcyclohexane	7.361	83	170322	59.013	ug/l	98
40) Benzene	6.013	78	430744	55.778	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.891	41	72107	51.306	ug/l		96
42) 1,2-Dichloroethane	6.062	62	154248	52.496	ug/l		98
43) Isopropyl Acetate	6.312	43	206326	46.211	ug/l		100
44) Trichloroethene	7.104	130	104133	55.775	ug/l		95
45) 1,2-Dichloropropane	7.409	63	105891	53.550	ug/l		99
46) Dibromomethane	7.562	93	76964	53.485	ug/l		98
47) Bromodichloromethane	7.799	83	162548	54.741	ug/l		100
48) Methyl methacrylate	7.671	41	104388	46.937	ug/l		98
49) 1,4-Dioxane	7.641	88	24111	1072.749	ug/l		96
51) 4-Methyl-2-Pentanone	8.549	43	569942	230.231	ug/l		99
52) Toluene	8.696	92	259802	54.605	ug/l		100
53) t-1,3-Dichloropropene	8.958	75	160828	53.099	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	176072	54.388	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	95272	51.931	ug/l		97
56) Ethyl methacrylate	9.098	69	139255	48.333	ug/l		98
57) 1,3-Dichloropropane	9.287	76	165863	52.630	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.220	63	336481	244.822	ug/l		100
59) 2-Hexanone	9.409	43	419911	236.180	ug/l		99
60) Dibromochloromethane	9.500	129	117709	55.685	ug/l		100
61) 1,2-Dibromoethane	9.592	107	97885	52.384	ug/l		100
64) Tetrachloroethene	9.257	164	84307	57.942	ug/l		97
65) Chlorobenzene	10.061	112	277555	54.737	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.147	131	96629	55.224	ug/l		97
67) Ethyl Benzene	10.177	91	490587	56.073	ug/l		99
68) m/p-Xylenes	10.281	106	369555	113.483	ug/l		99
69) o-Xylene	10.622	106	173309	55.023	ug/l		100
70) Styrene	10.634	104	303904	55.065	ug/l		99
71) Bromoform	10.781	173	71212	54.505	ug/l	#	98
73) Isopropylbenzene	10.945	105	456852	54.807	ug/l		99
74) N-amyl acetate	10.823	43	173323	45.597	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	122425	48.544	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	100017m	45.055	ug/l		
77) Bromobenzene	11.177	156	107070	52.152	ug/l		98
78) n-propylbenzene	11.287	91	540893	54.892	ug/l		100
79) 2-Chlorotoluene	11.348	91	322270	53.398	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	370027	54.031	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	40429	46.443	ug/l		99
82) 4-Chlorotoluene	11.433	91	381746	53.556	ug/l		99
83) tert-Butylbenzene	11.695	119	369136	52.654	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	373978	53.862	ug/l		100
85) sec-Butylbenzene	11.872	105	450074	54.048	ug/l		99
86) p-Isopropyltoluene	11.988	119	379791	53.872	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	197717	51.849	ug/l		99
88) 1,4-Dichlorobenzene	12.018	146	202440	51.725	ug/l		100
89) n-Butylbenzene	12.311	91	352384	54.020	ug/l		99
90) Hexachloroethane	12.518	117	71735	57.956	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	188937	52.006	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.921	75	22649	44.358	ug/l		98
93) 1,2,4-Trichlorobenzene	13.567	180	115543	48.936	ug/l		97
94) Hexachlorobutadiene	13.707	225	42338	52.791	ug/l		97
95) Naphthalene	13.756	128	324021	45.067	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	109087	49.668	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
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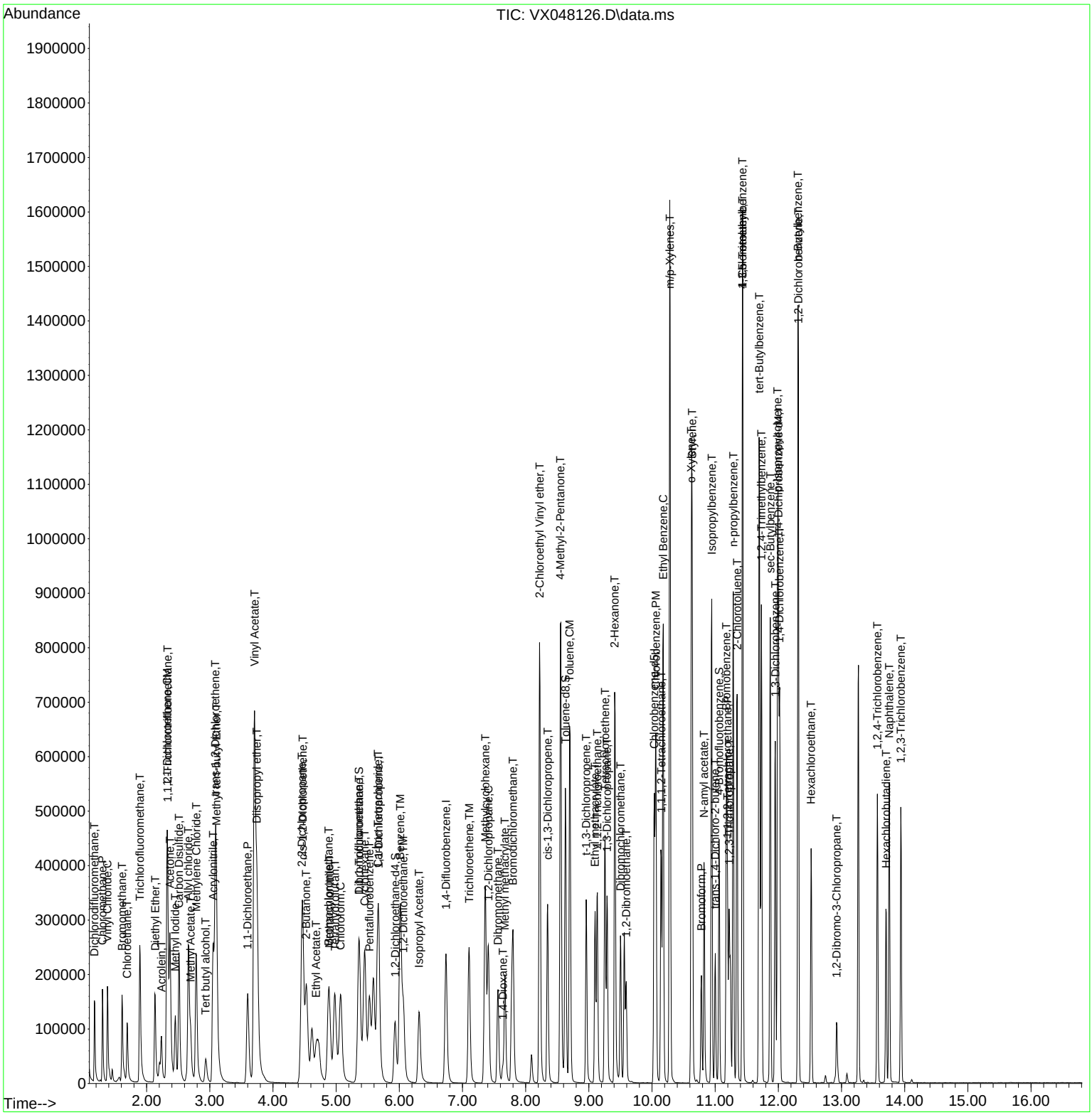
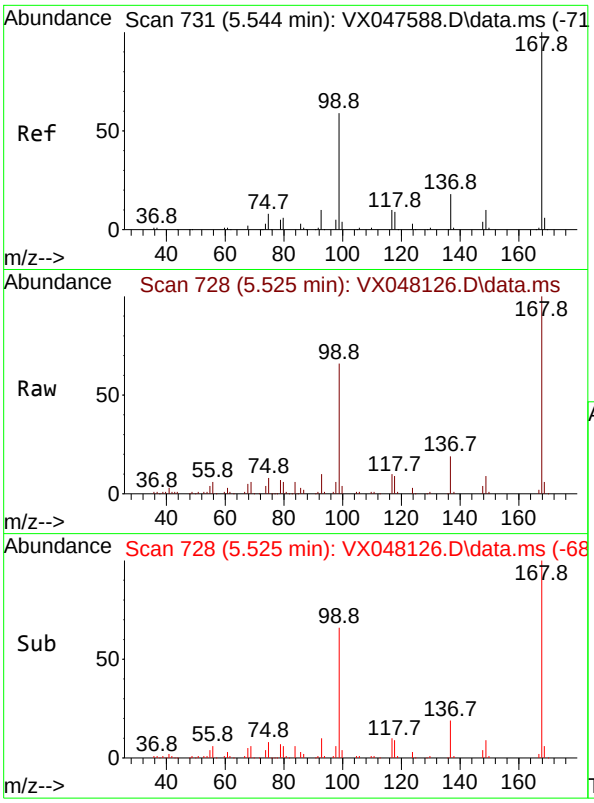
Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

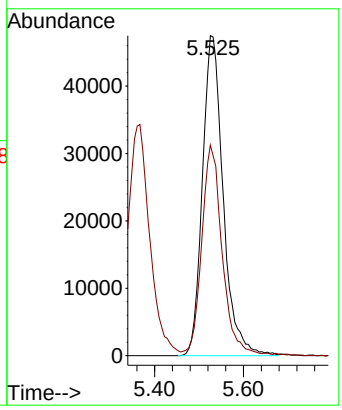




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 7
Delta R.T. -0.019 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:168 Resp: 15423

Ion	Ratio	Lower	Upper
168	100		
99	65.2	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
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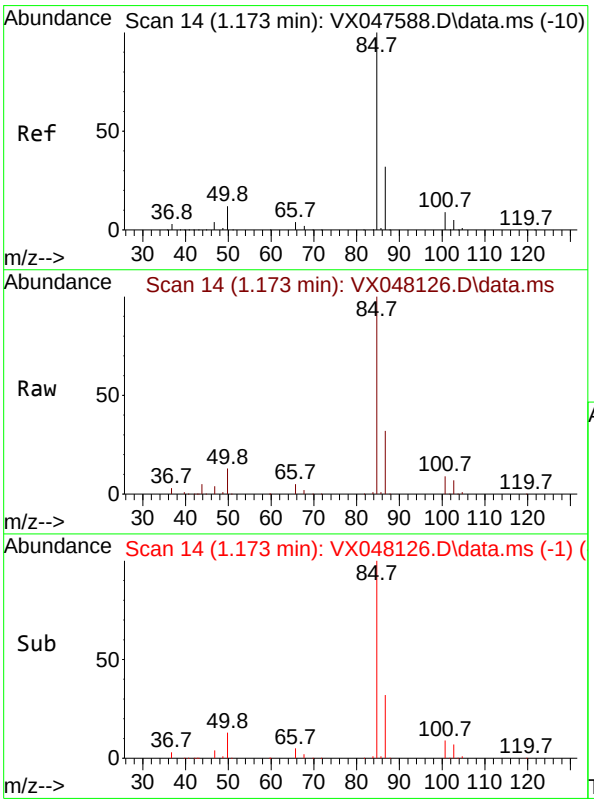
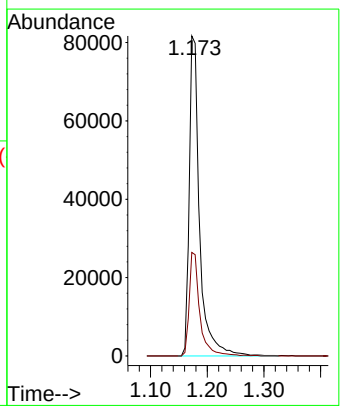
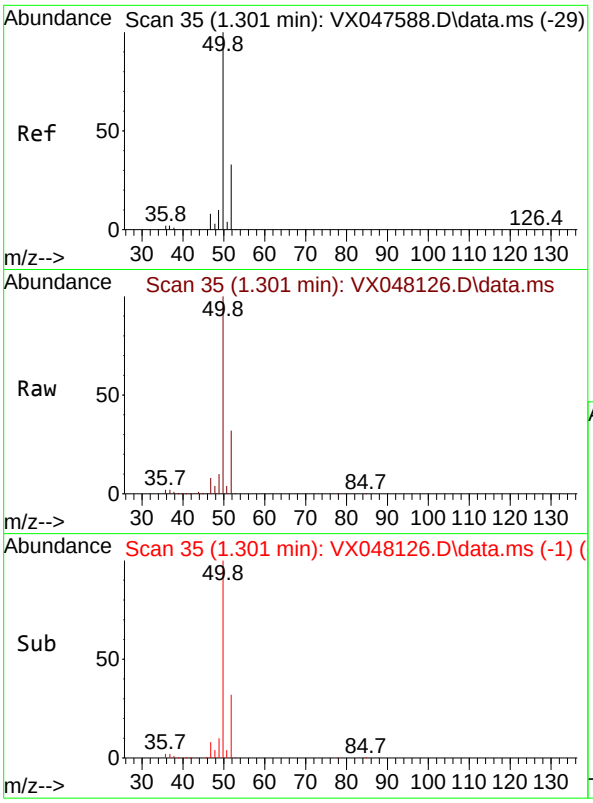


#2
Dichlorodifluoromethane
Concen: 64.782 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 85 Resp: 103463

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.8	47.3

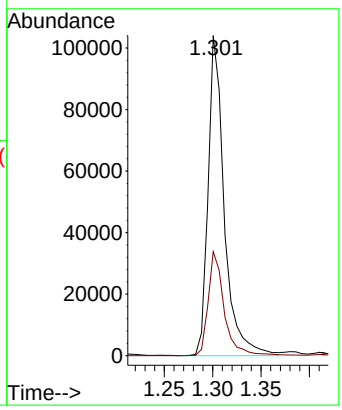




#3
Chloromethane
Concen: 57.677 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 50 Resp: 12106

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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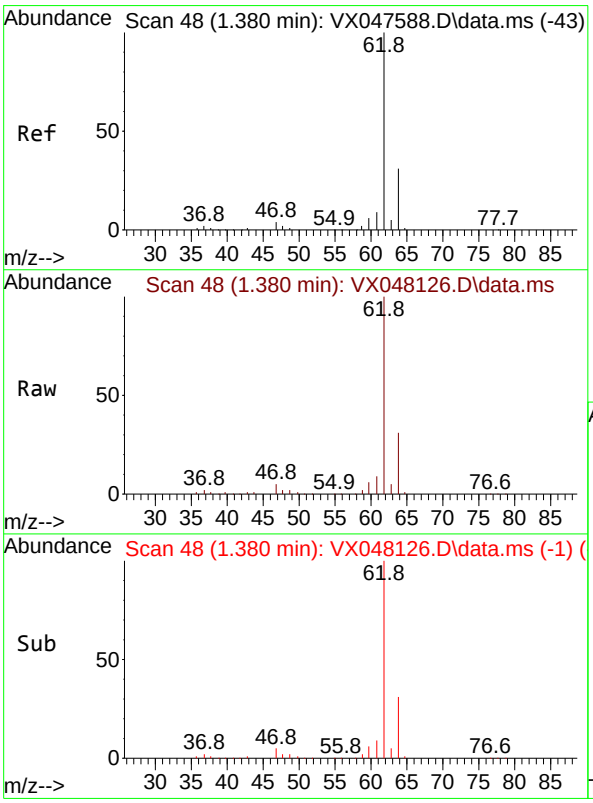
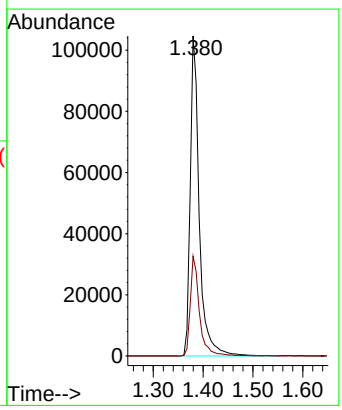
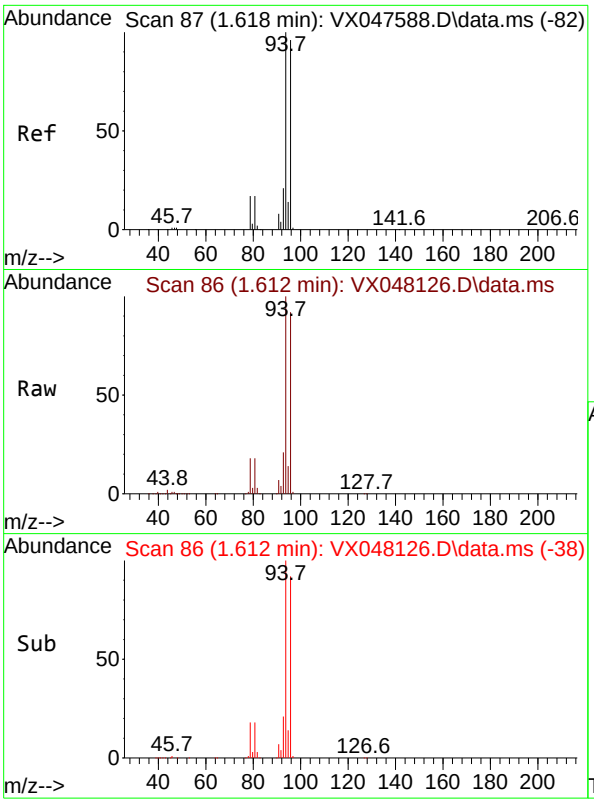


#4
Vinyl Chloride
Concen: 63.944 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 62 Resp: 131386

Ion	Ratio	Lower	Upper
62	100		
64	31.2	24.9	37.3

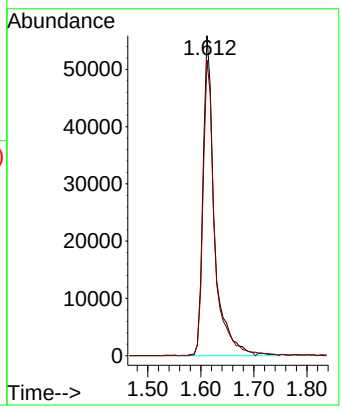




#5
Bromomethane
Concen: 65.021 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 94 Resp: 8471

Ion	Ratio	Lower	Upper
94	100		
96	92.3	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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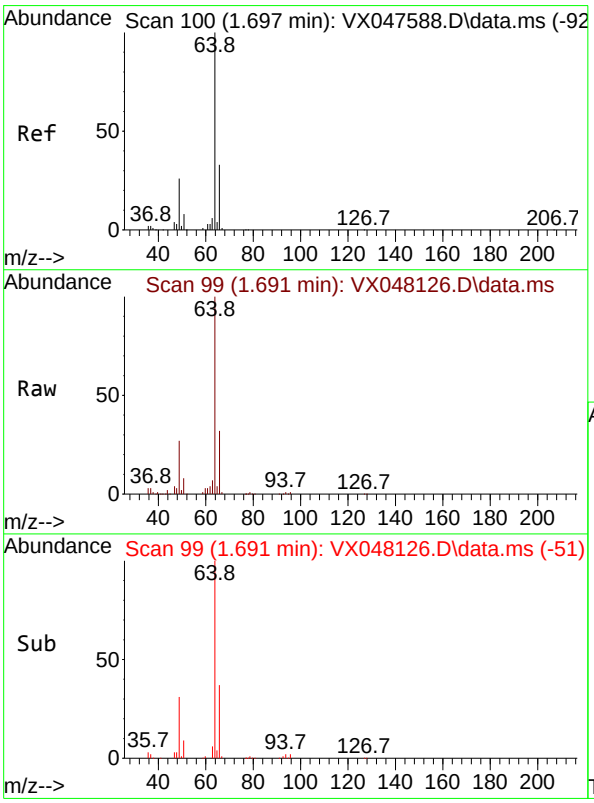
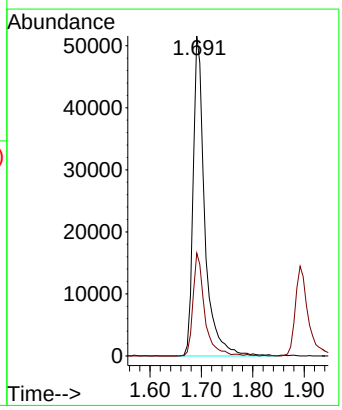
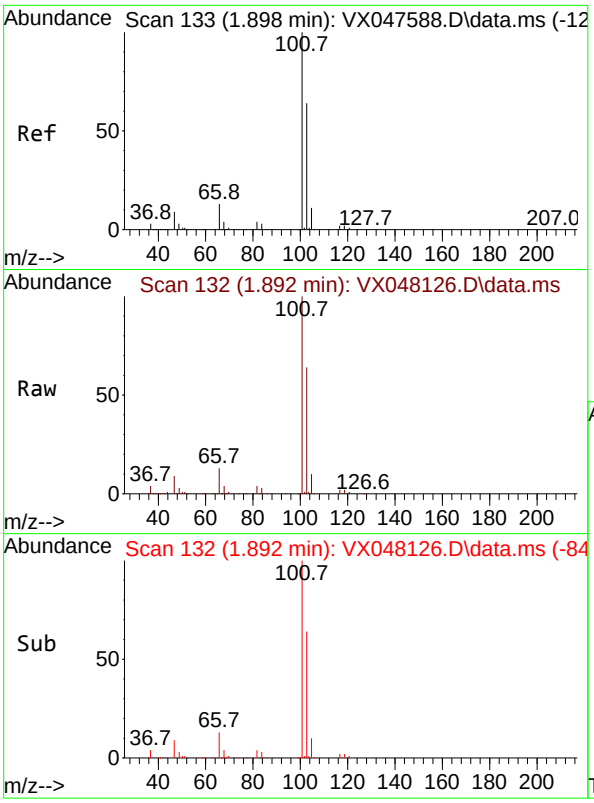


#6
Chloroethane
Concen: 59.077 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 64 Resp: 81130

Ion	Ratio	Lower	Upper
64	100		
66	32.2	26.1	39.1

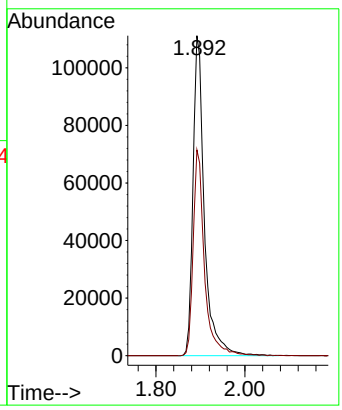




#7
Trichlorofluoromethane
Concen: 64.492 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:101 Resp: 19675

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
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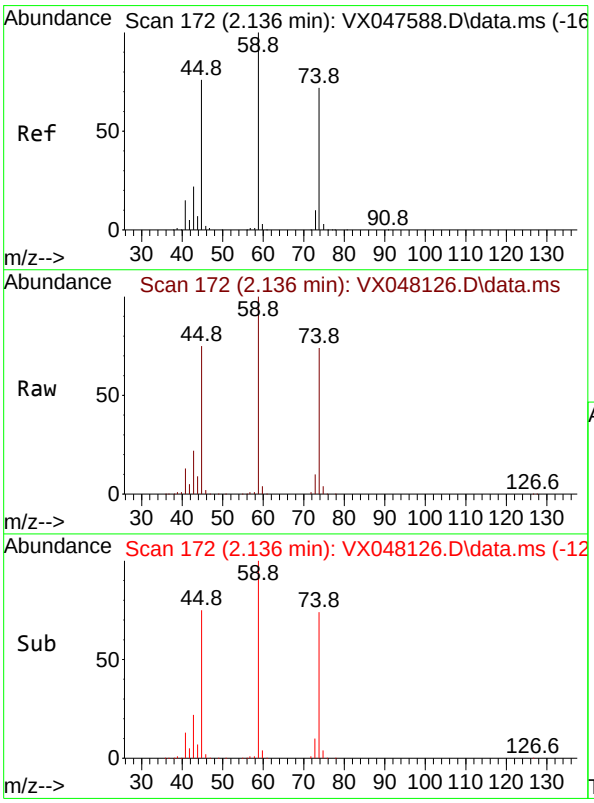
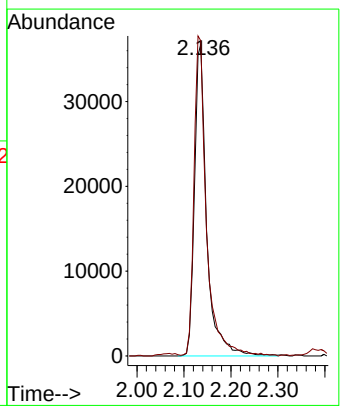
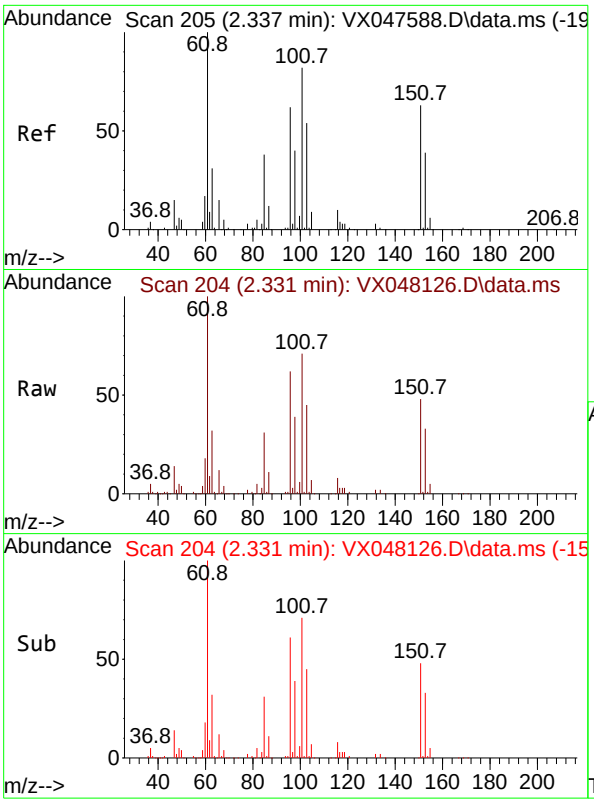


#8
Diethyl Ether
Concen: 53.511 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 74 Resp: 66781

Ion	Ratio	Lower	Upper
74	100		
45	105.1	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.189 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

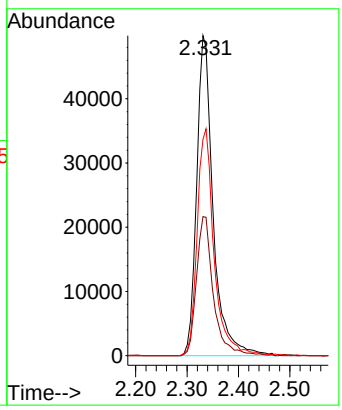
Tgt Ion:101 Resp: 11093

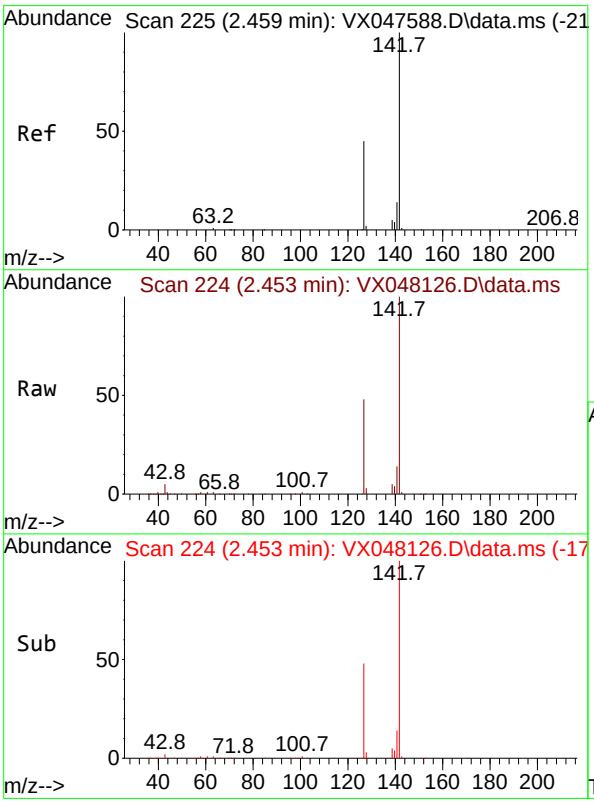
Ion	Ratio	Lower	Upper
101	100		
85	44.7	35.5	53.3
151	72.9	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

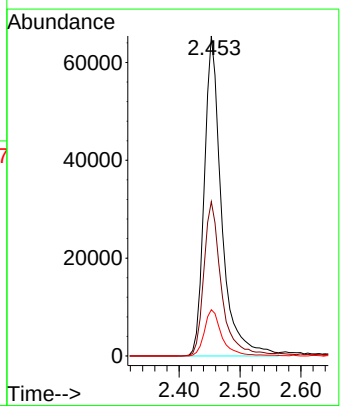


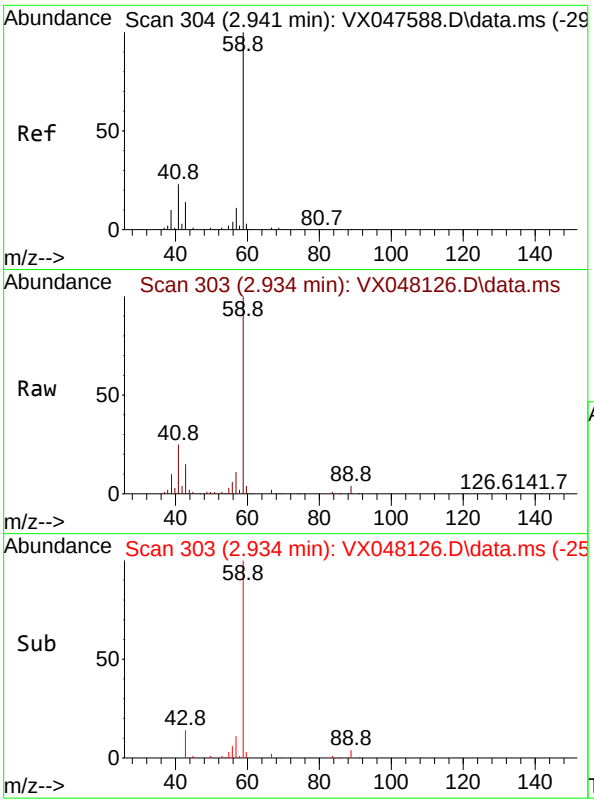


#10
Methyl Iodide
Concen: 46.479 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:142 Resp: 129313

Ion	Ratio	Lower	Upper
142	100		
127	49.0	37.2	55.8
141	14.7	11.4	17.0





#11
Tert butyl alcohol
Concen: 208.211 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 59 Resp: 5692

Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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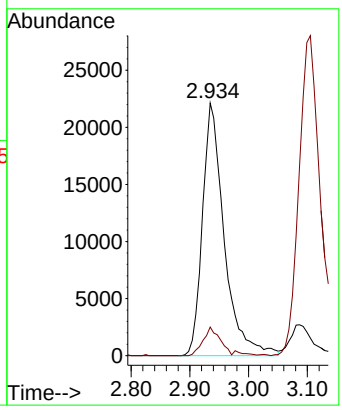
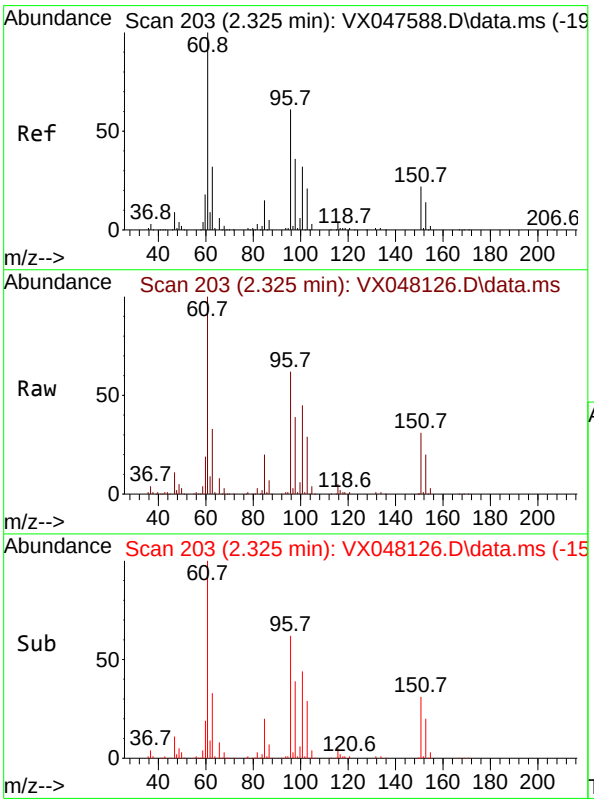
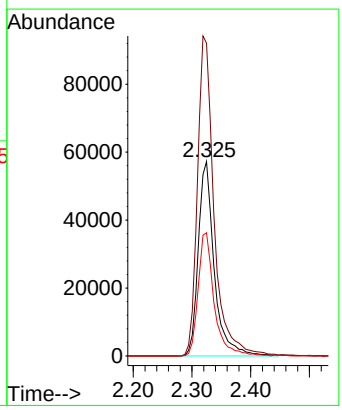


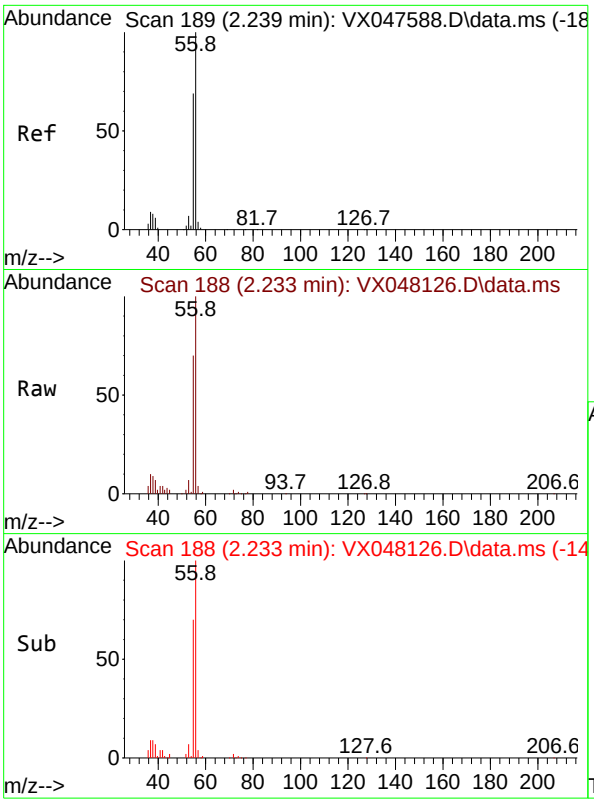


#12
1,1-Dichloroethene
Concen: 59.251 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 96 Resp: 108573

Ion	Ratio	Lower	Upper
96	100		
61	160.9	131.0	196.6
98	63.4	47.7	71.5

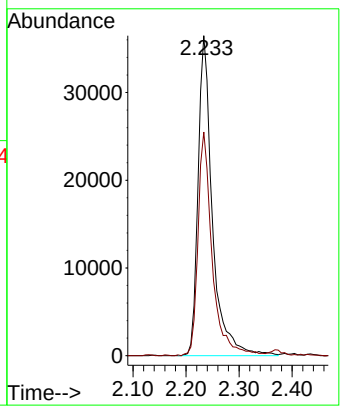




#13
Acrolein
Concen: 272.102 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 56 Resp: 6855

Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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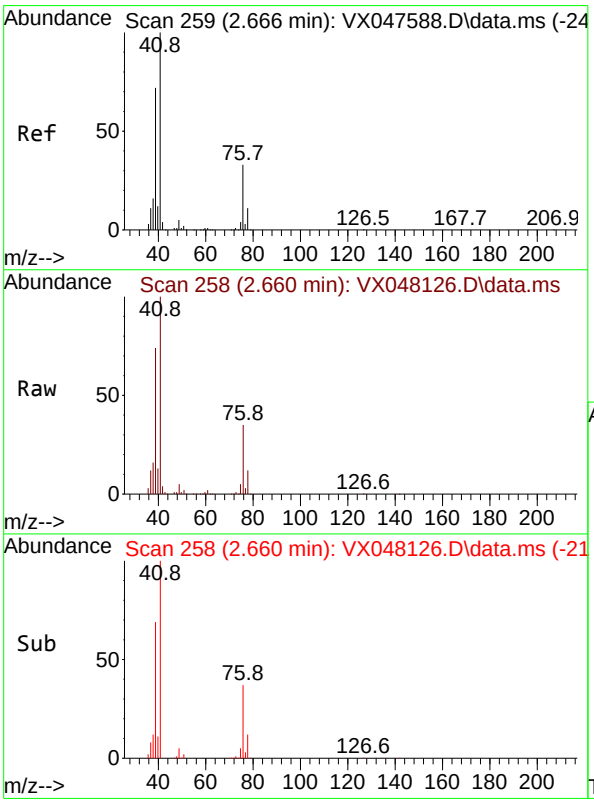
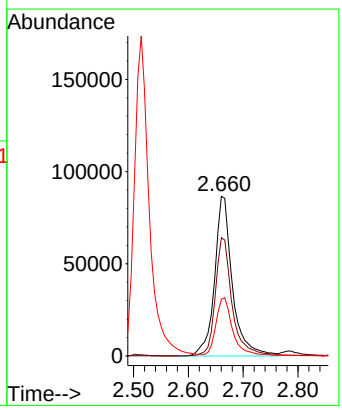
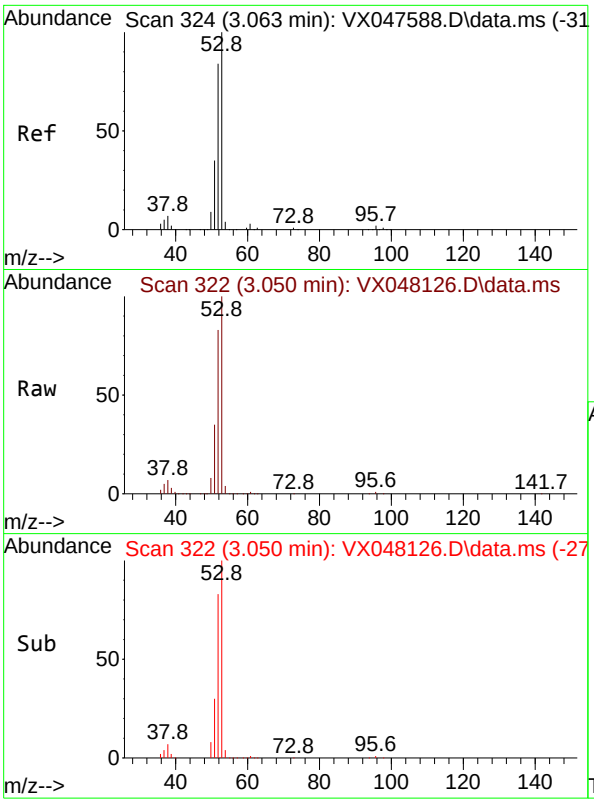


#14
Allyl chloride
Concen: 51.934 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 41 Resp: 196379

Ion	Ratio	Lower	Upper
41	100		
39	70.1	54.7	82.1
76	35.2	25.7	38.5

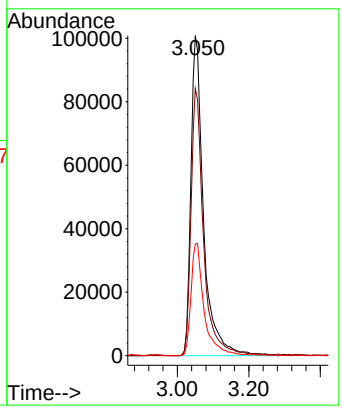




#15
Acrylonitrile
Concen: 245.639 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 53 Resp: 24877

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.5	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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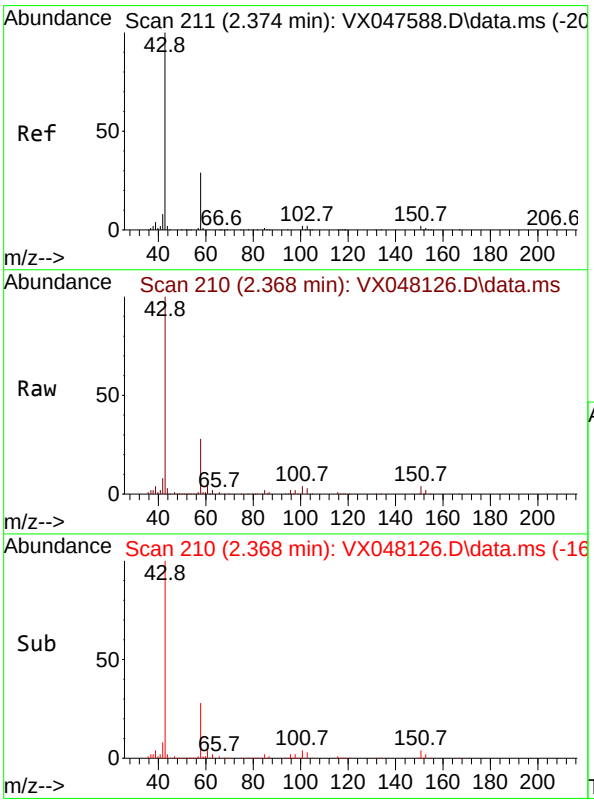
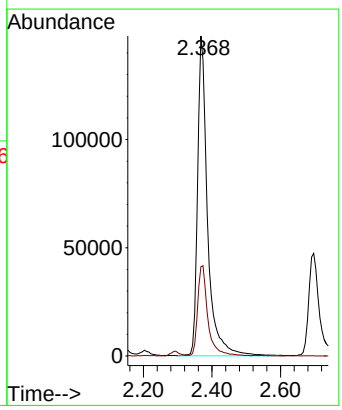
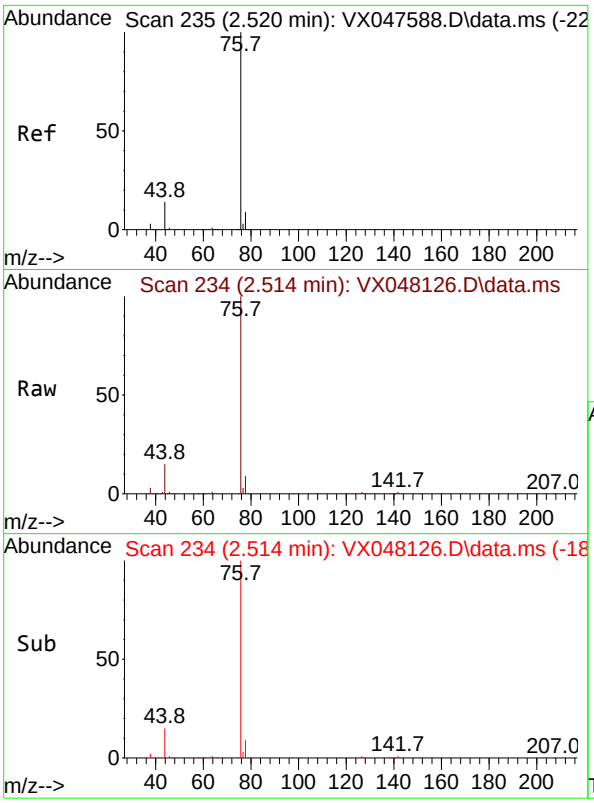


#16
Acetone
Concen: 280.657 ug/l
RT: 2.368 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 299583

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.4	35.0

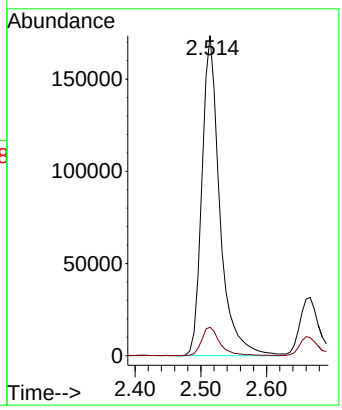




#17
Carbon Disulfide
Concen: 65.341 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 76 Resp: 32778

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2



Instrument :
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ClientSampleId :
VSTDCCC050

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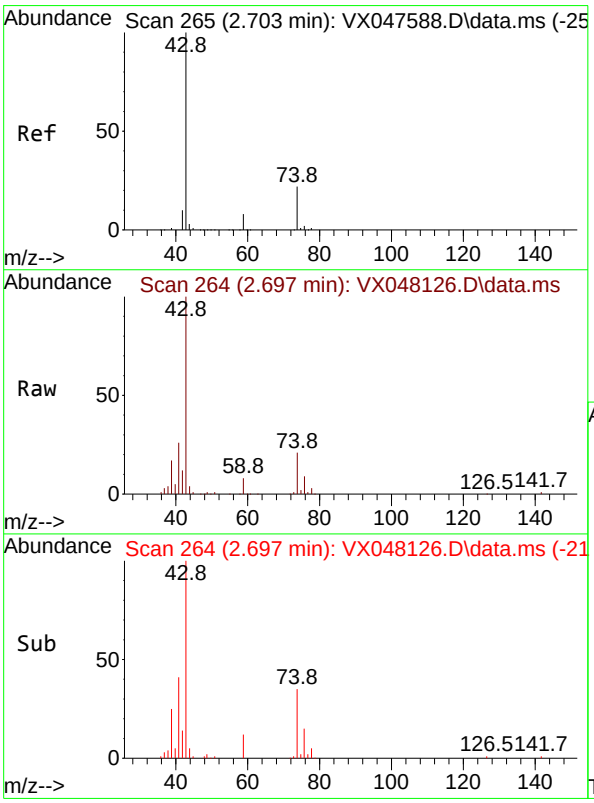
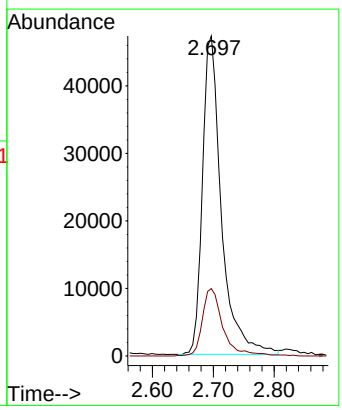
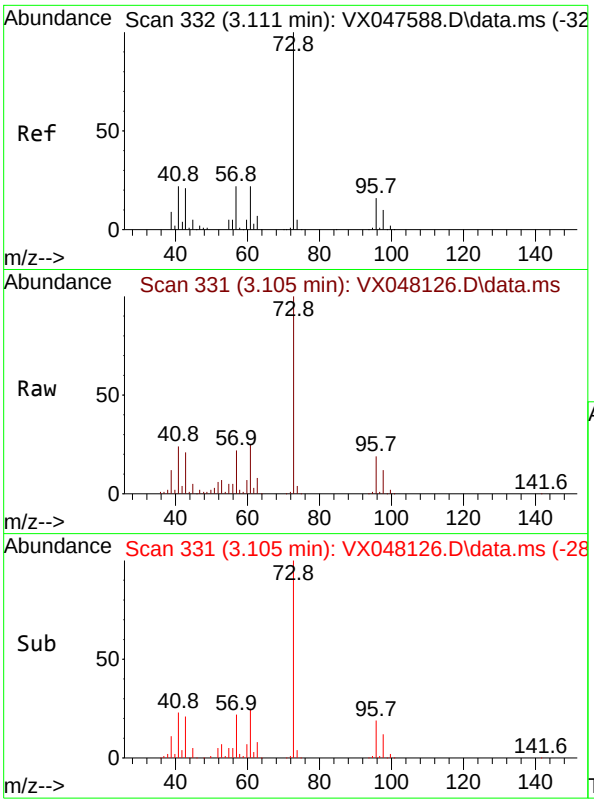


#18
Methyl Acetate
Concen: 42.977 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 102094

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2

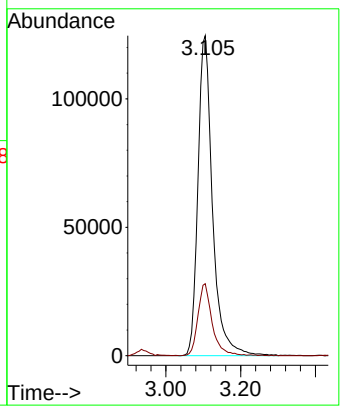




#19
Methyl tert-butyl Ether
Concen: 50.353 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 73 Resp: 33682

Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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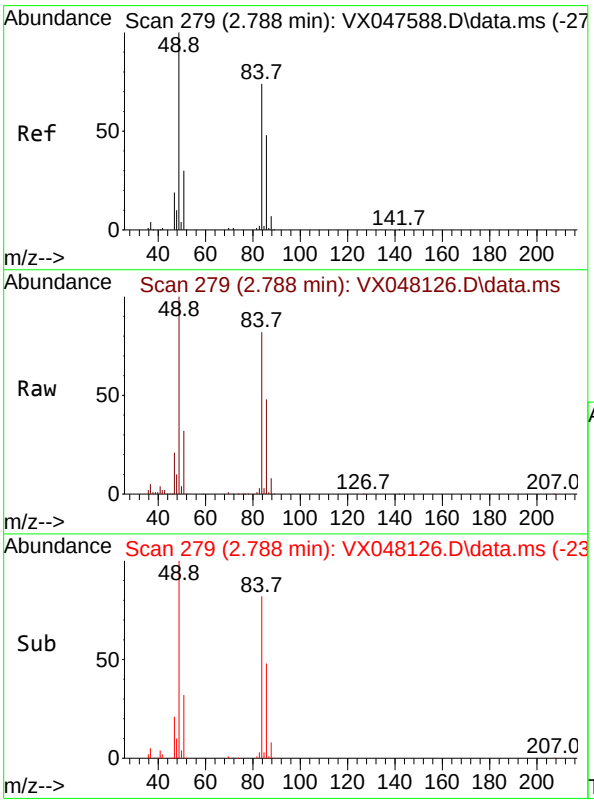
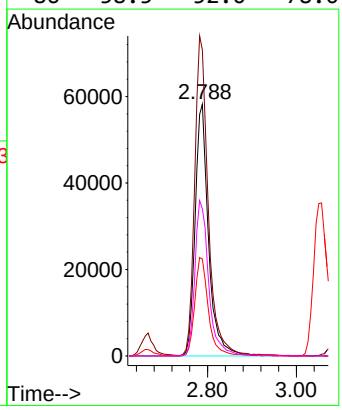
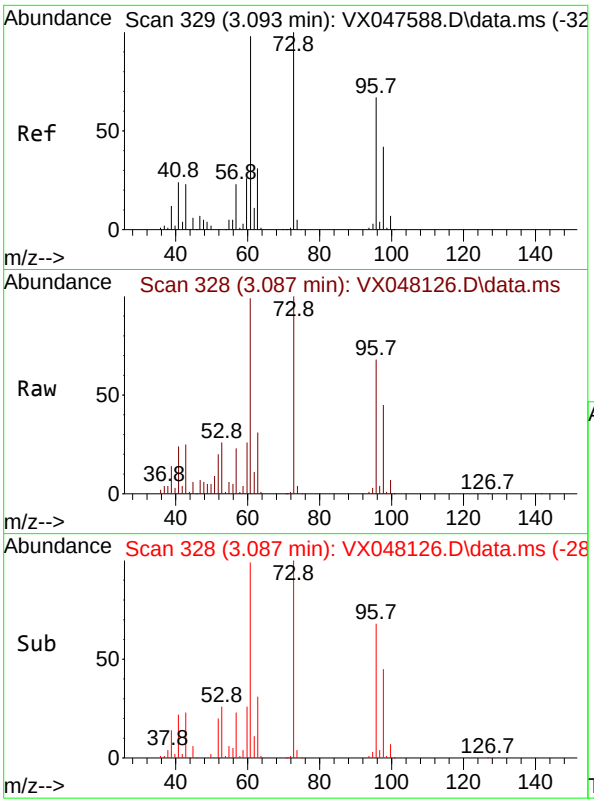


#20
Methylene Chloride
Concen: 54.092 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 84 Resp: 122220

Ion	Ratio	Lower	Upper
84	100		
49	121.4	108.6	162.8
51	38.5	32.6	48.8
86	58.5	52.0	78.0

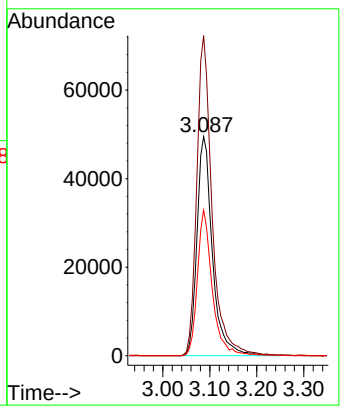




#21
trans-1,2-Dichloroethene
Concen: 57.586 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 96 Resp: 11360

Ion	Ratio	Lower	Upper
96	100		
61	146.1	116.2	174.2
98	68.5	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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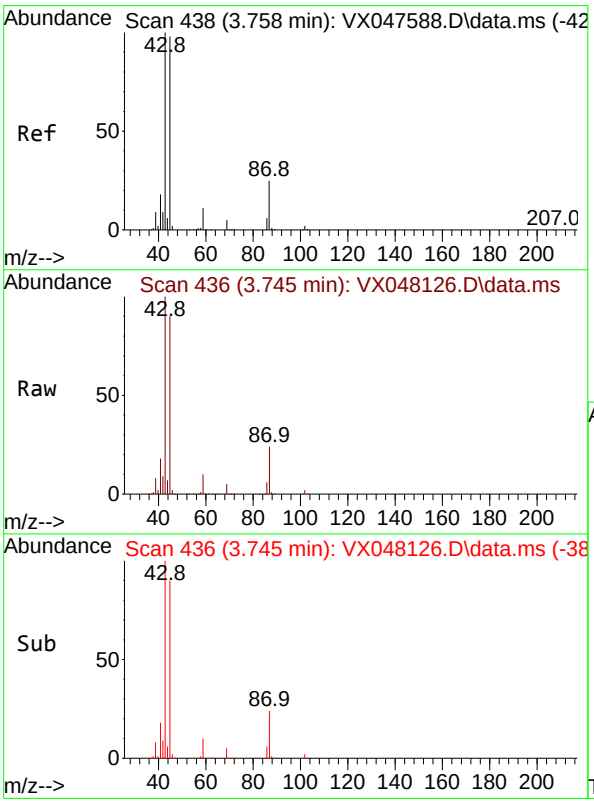
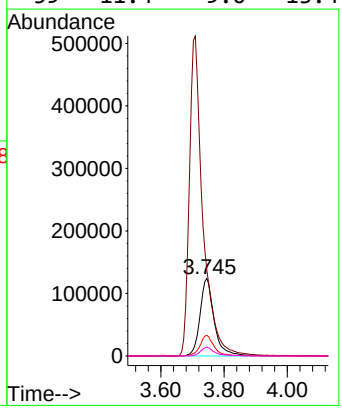
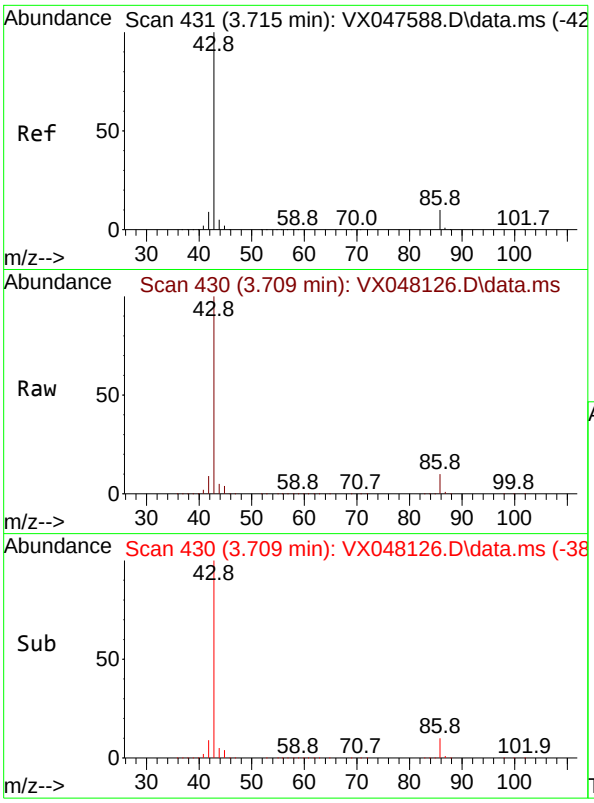


#22
Diisopropyl ether
Concen: 52.853 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 45 Resp: 387319

Ion	Ratio	Lower	Upper
45	100		
43	110.3	81.0	121.4
87	26.6	20.3	30.5
59	11.4	9.0	13.4





#23
Vinyl Acetate
Concen: 259.984 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 152484

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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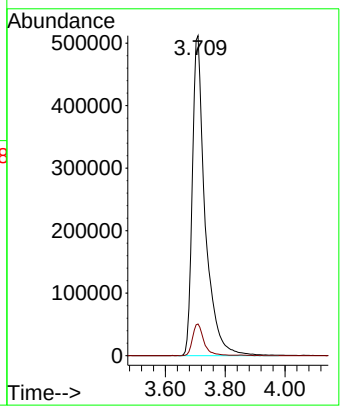
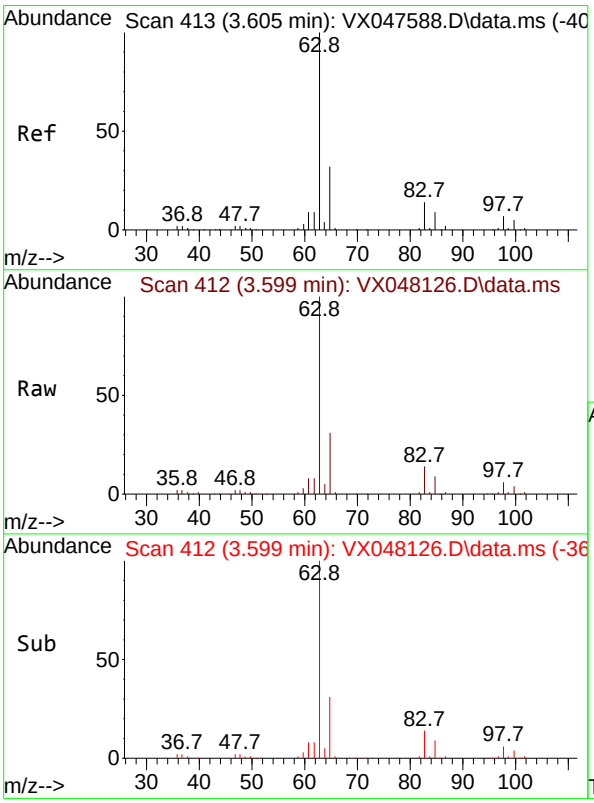
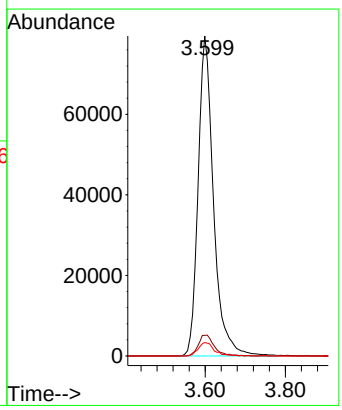


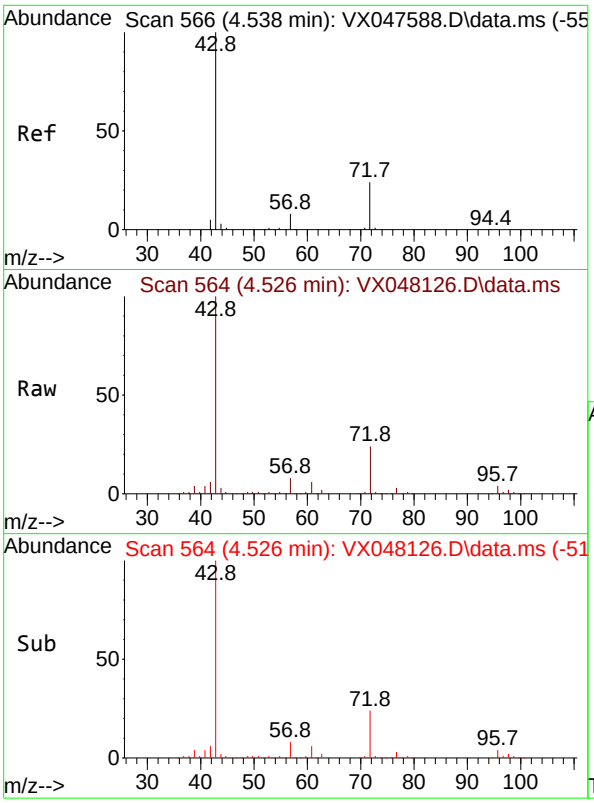


#24
1,1-Dichloroethane
Concen: 54.414 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 63 Resp: 211944

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.2
100	4.2	2.3	6.9





#25
2-Butanone
Concen: 243.044 ug/l
RT: 4.526 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 32361

Ion	Ratio	Lower	Upper
43	100		
72	24.4	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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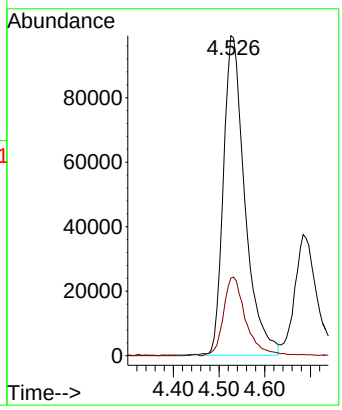
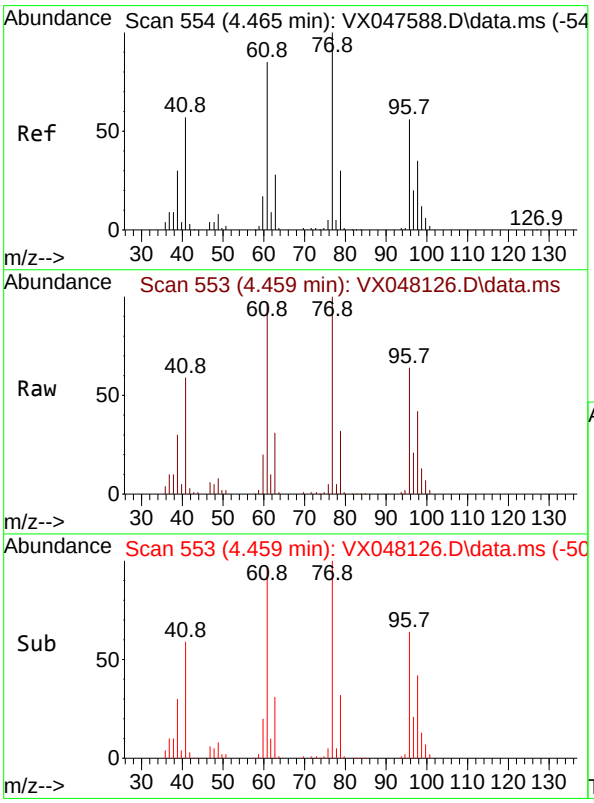
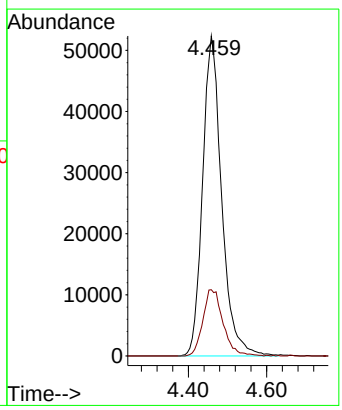


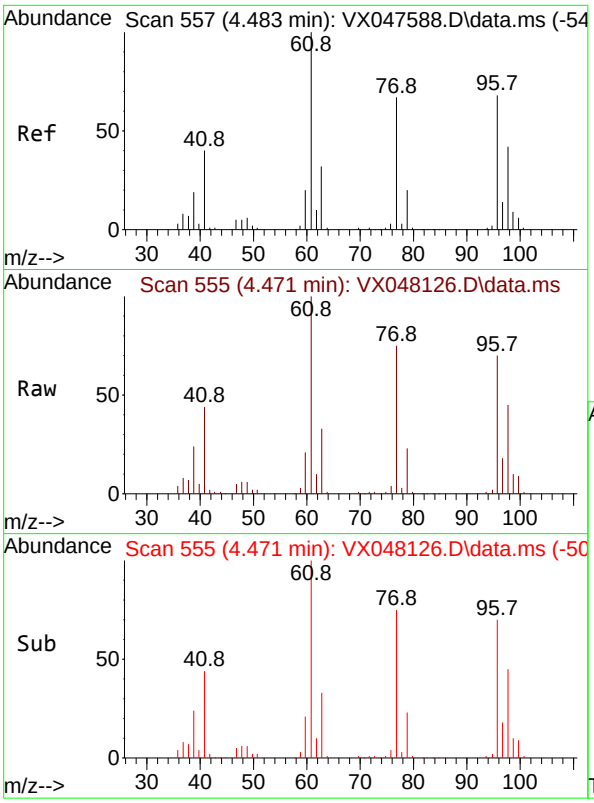


#26
2,2-Dichloropropane
Concen: 54.594 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 77 Resp: 176762

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7

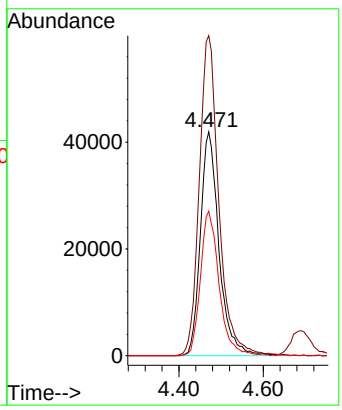




#27
cis-1,2-Dichloroethene
Concen: 53.263 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 96 Resp: 12868

Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	303.2
98	64.5	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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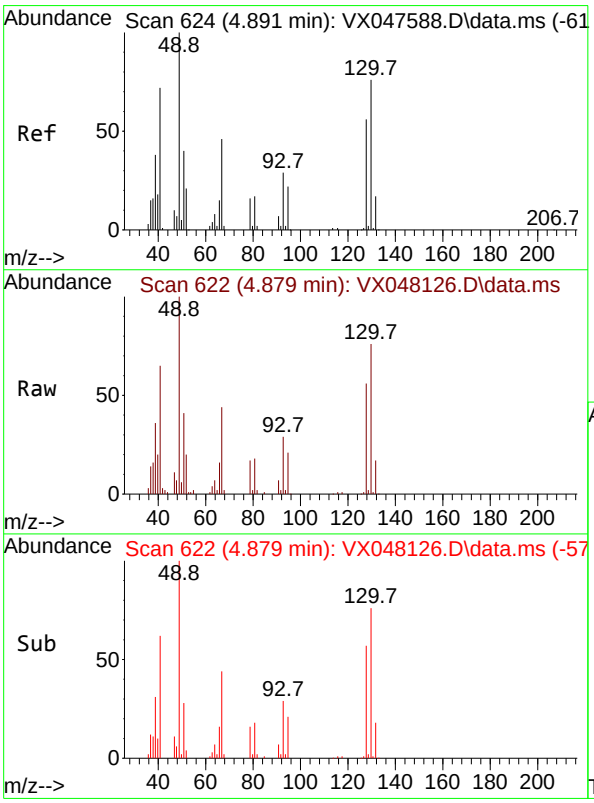
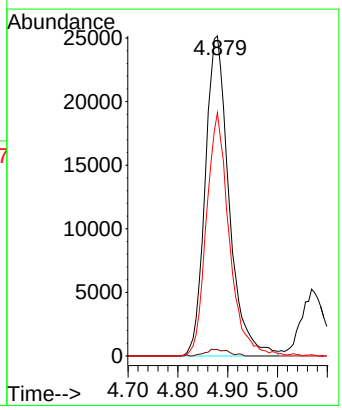
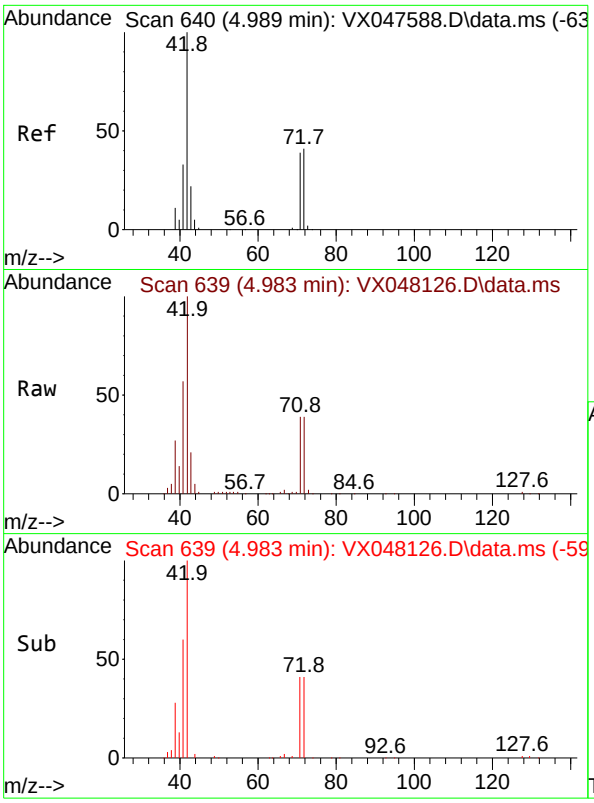


#28
Bromochloromethane
Concen: 49.106 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 49 Resp: 83502

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.2
130	72.8	57.8	86.8





#29
Tetrahydrofuran
Concen: 219.136 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 42 Resp: 17552

Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.2
71	40.3	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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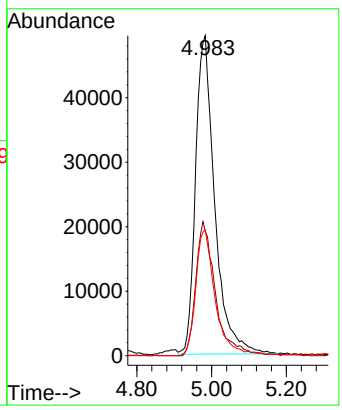
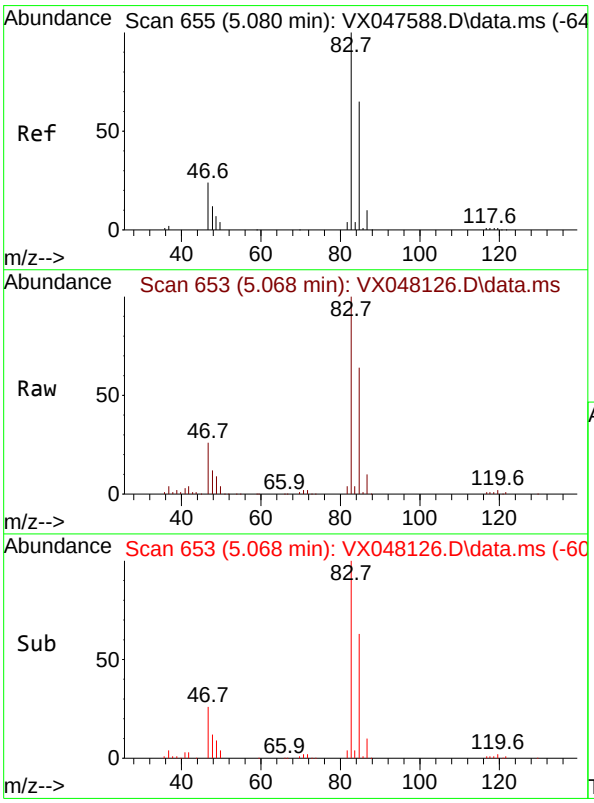
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

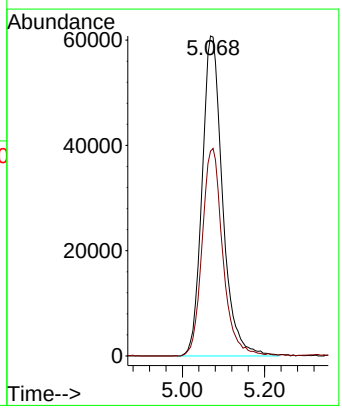


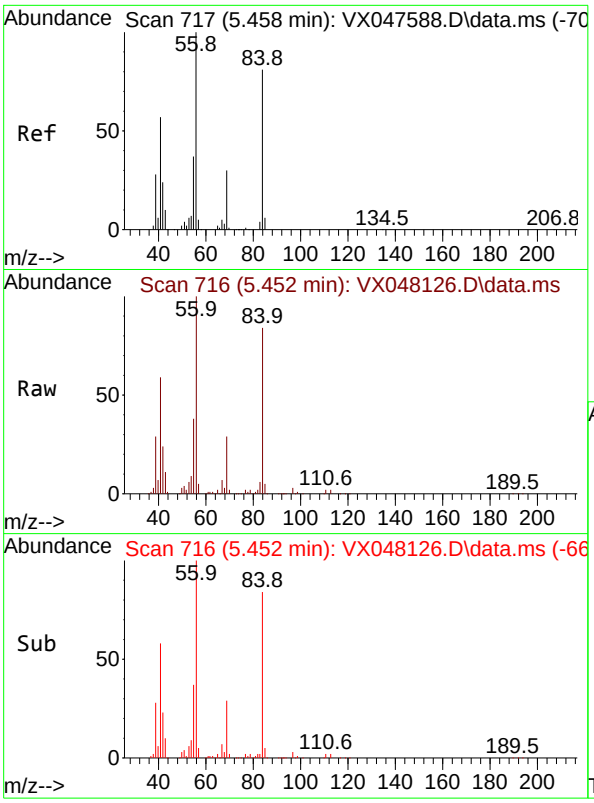


#30
Chloroform
Concen: 53.388 ug/l
RT: 5.068 min Scan# 653
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 83 Resp: 210135

Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.8	77.6





#31
Cyclohexane
Concen: 54.883 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 56 Resp: 17804

Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.8	35.8
84	82.6	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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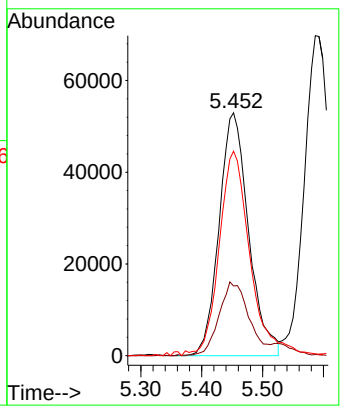
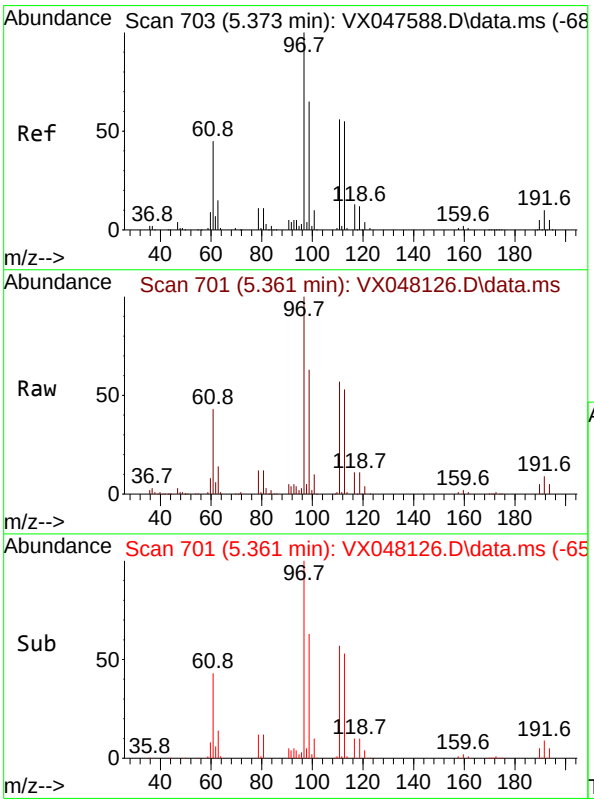
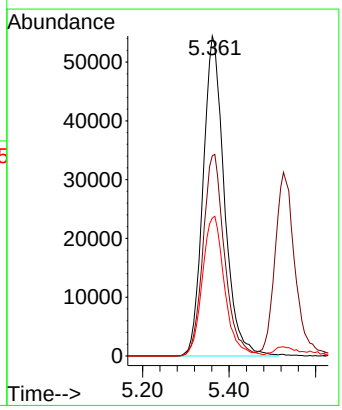


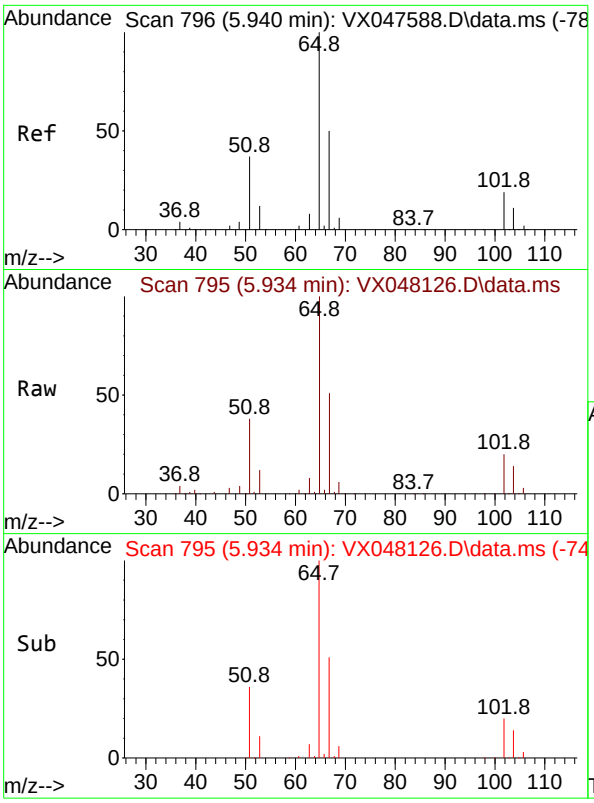


#32
1,1,1-Trichloroethane
Concen: 55.516 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 97 Resp: 185345

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.6	76.0
61	45.5	35.8	53.8

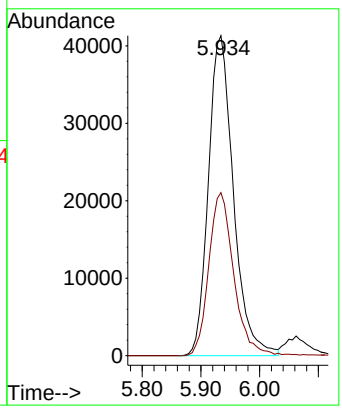




#33
1,2-Dichloroethane-d4
Concen: 49.784 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 65 Resp: 12221

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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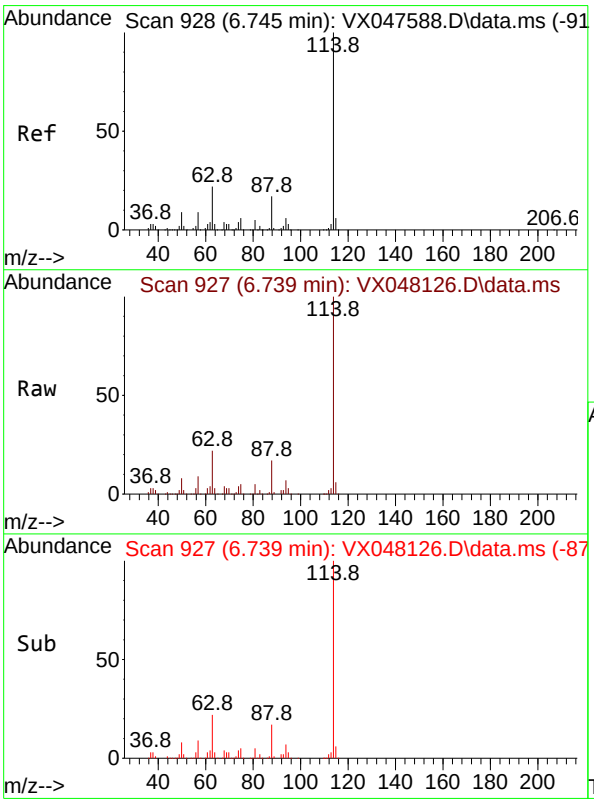
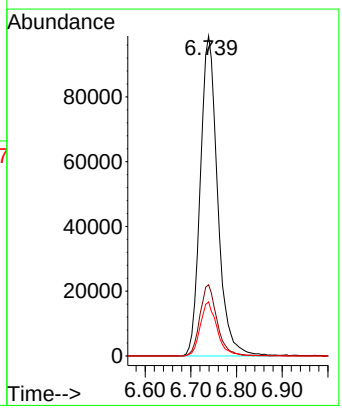
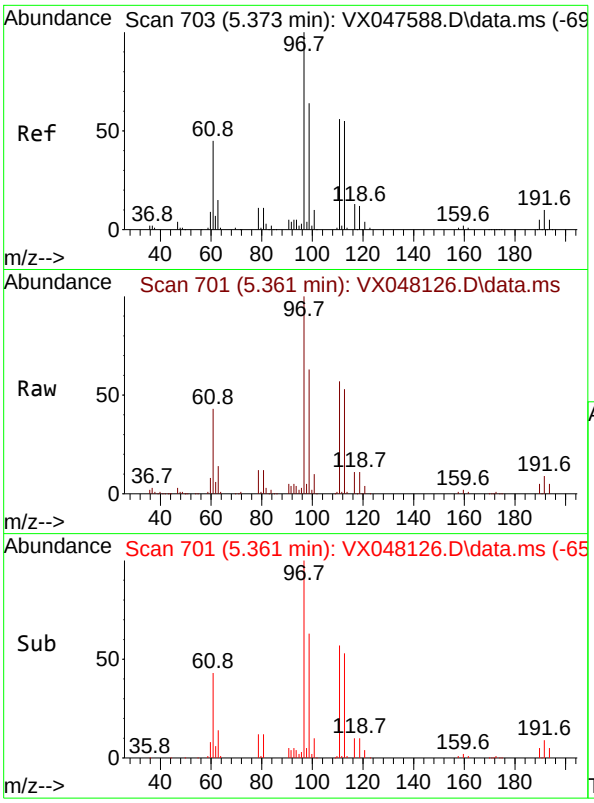


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:114 Resp: 259451

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	16.9	0.0	34.2

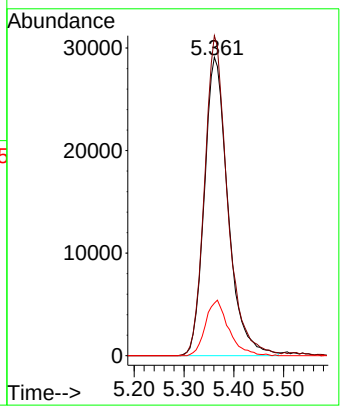




#35
Dibromofluoromethane
Concen: 55.205 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:113 Resp: 9605

Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.9	121.3
192	18.3	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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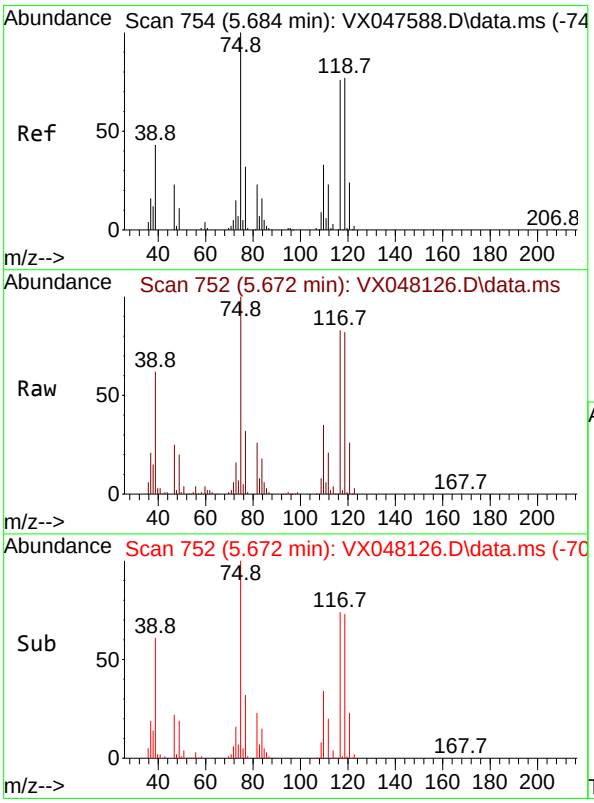
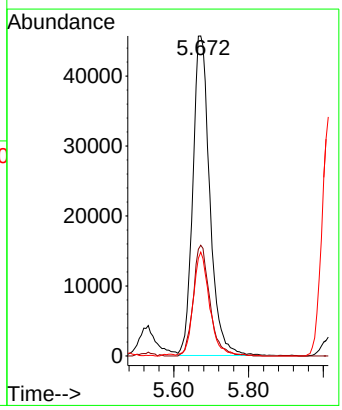
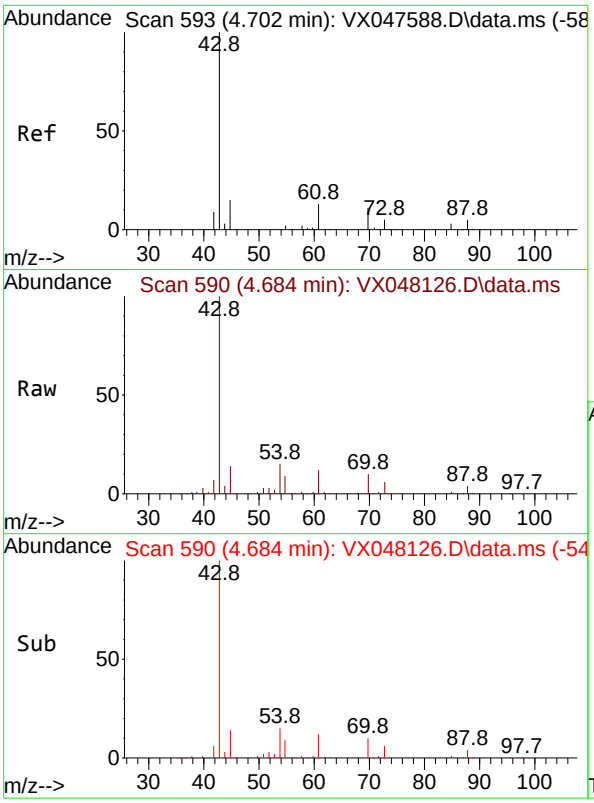


#36
1,1-Dichloropropene
Concen: 56.468 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 143574

Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.1
77	30.9	24.3	36.5

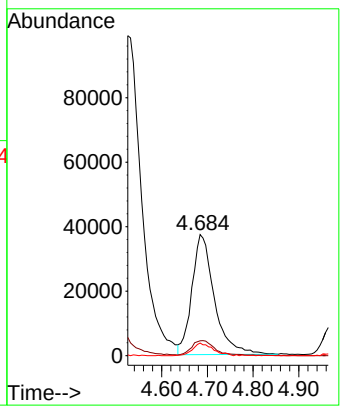




#37
Ethyl Acetate
Concen: 46.586 ug/l
RT: 4.684 min Scan# 5
Delta R.T. -0.018 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 12682

Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.8	14.8
70	9.4	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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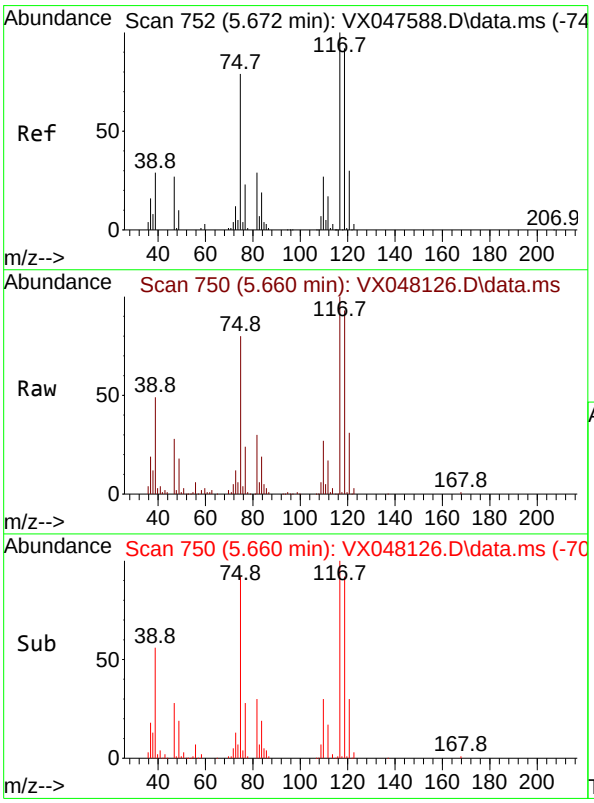
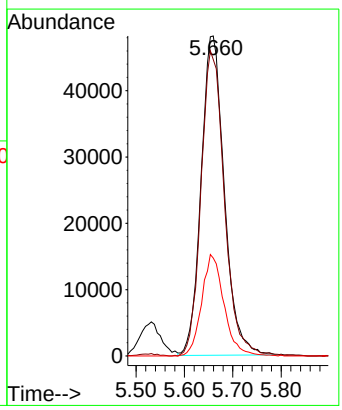
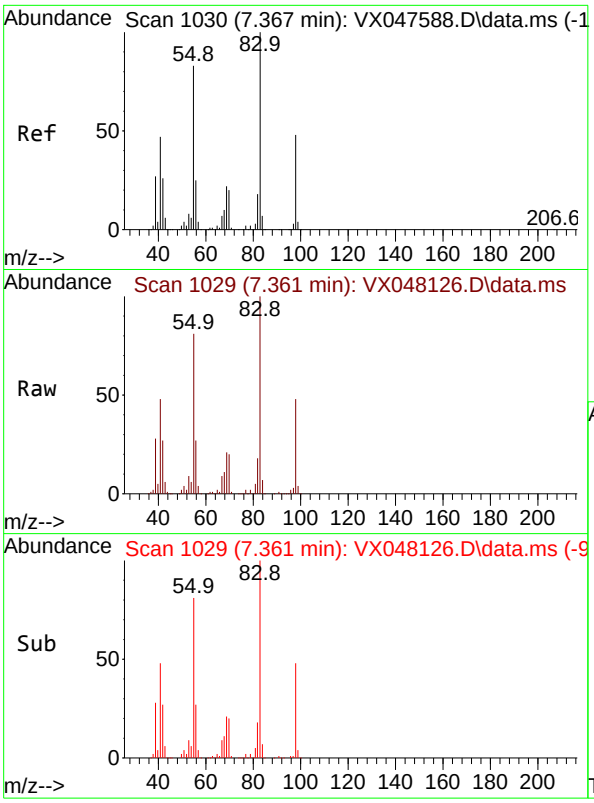


#38
Carbon Tetrachloride
Concen: 58.100 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:117 Resp: 160504

Ion	Ratio	Lower	Upper
117	100		
119	93.0	73.4	110.2
121	30.7	23.8	35.6





#39
Methylcyclohexane
Concen: 59.013 ug/l
RT: 7.361 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 83 Resp: 17032

Ion	Ratio	Lower	Upper
83	100		
55	80.9	66.4	99.6
98	47.8	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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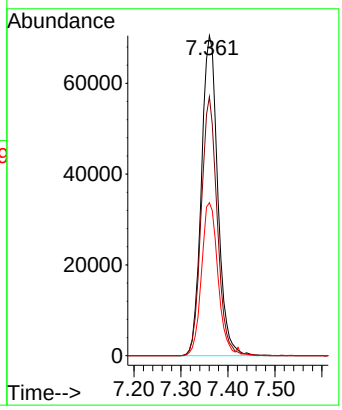
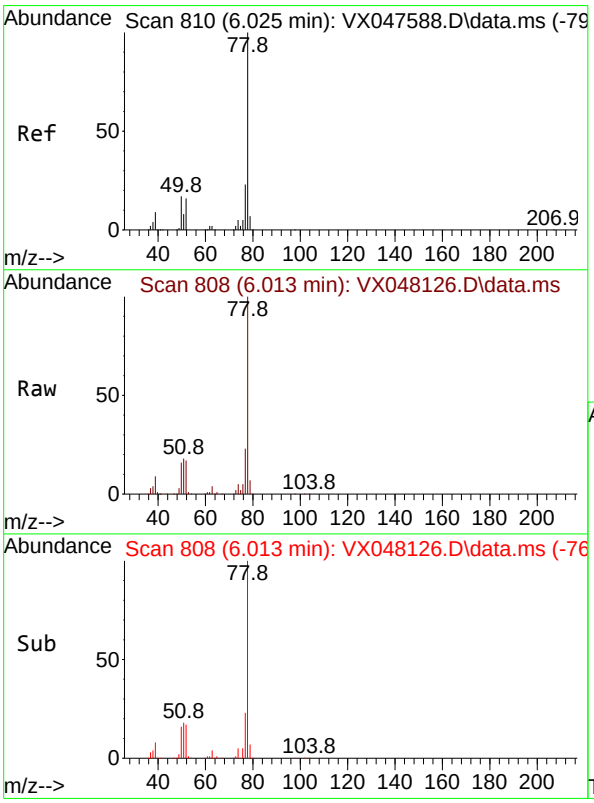
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

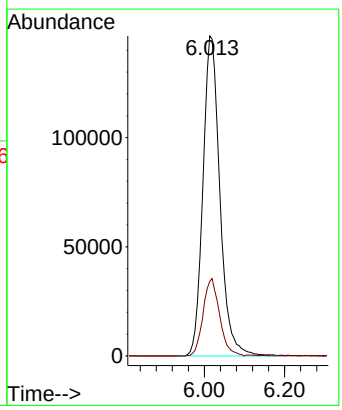


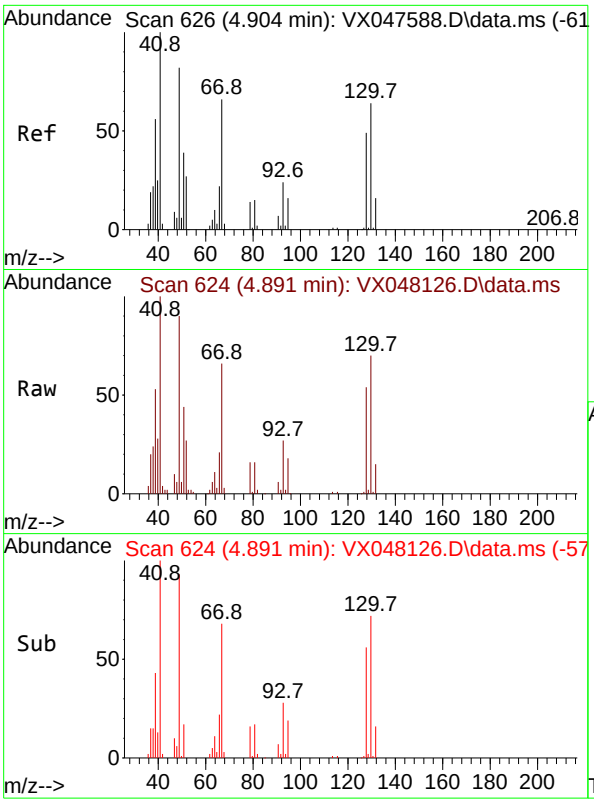


#40
Benzene
Concen: 55.778 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 78 Resp: 430744

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2

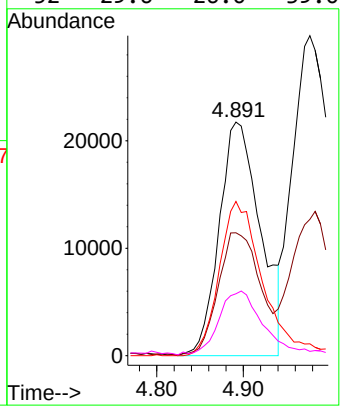




#41
Methacrylonitrile
Concen: 51.306 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 41 Resp: 7210

Ion	Ratio	Lower	Upper
41	100		
39	52.3	43.3	64.9
67	70.0	58.6	87.8
52	29.6	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 10/14/2025
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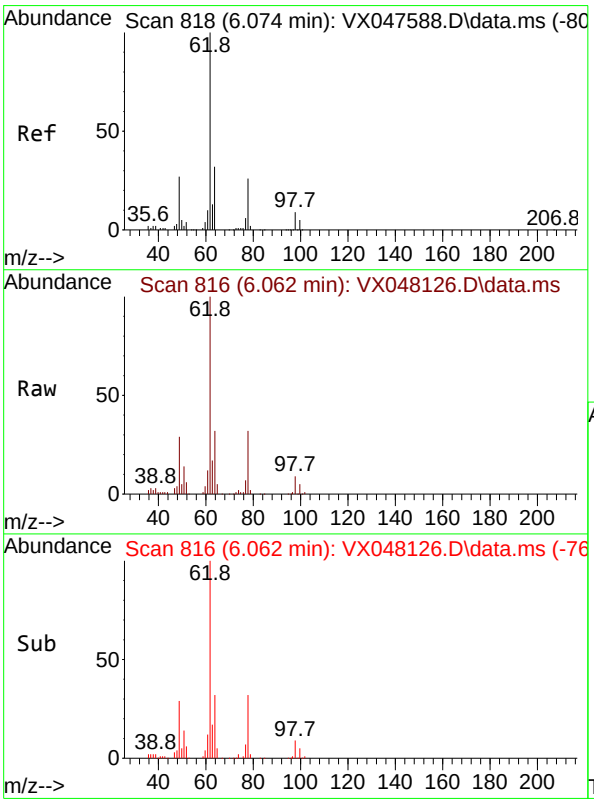
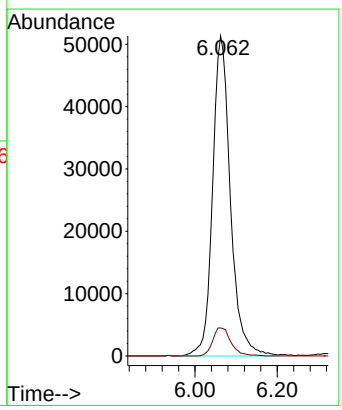
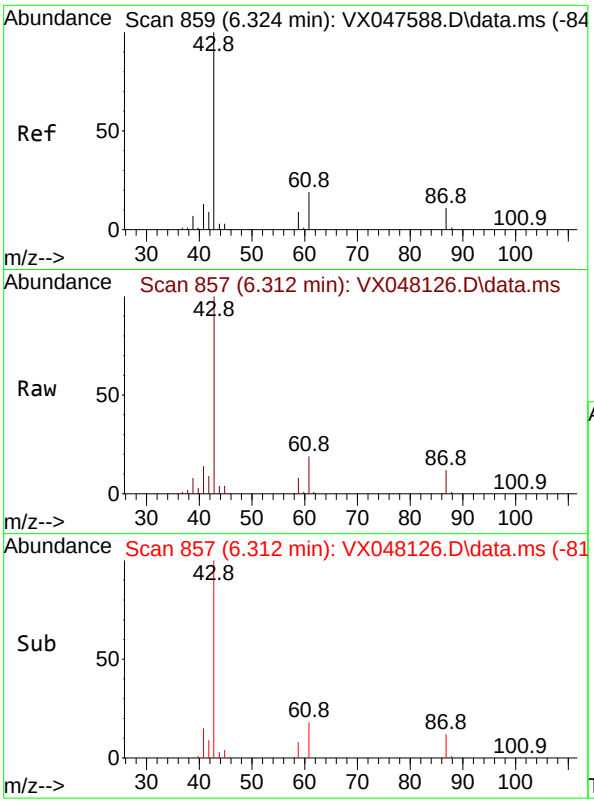


#42
1,2-Dichloroethane
Concen: 52.496 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 62 Resp: 154248

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0

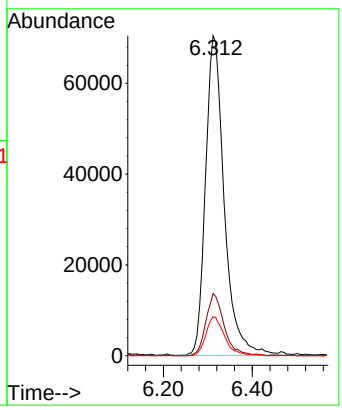




#43
Isopropyl Acetate
Concen: 46.211 ug/l
RT: 6.312 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 20632

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.2	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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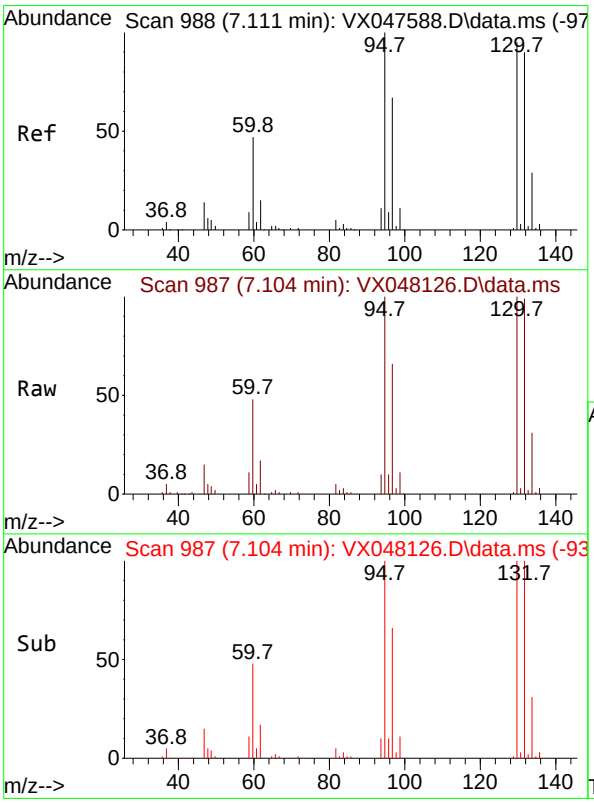
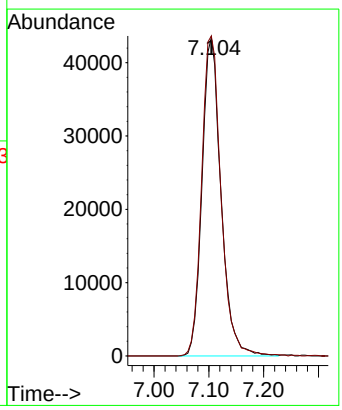
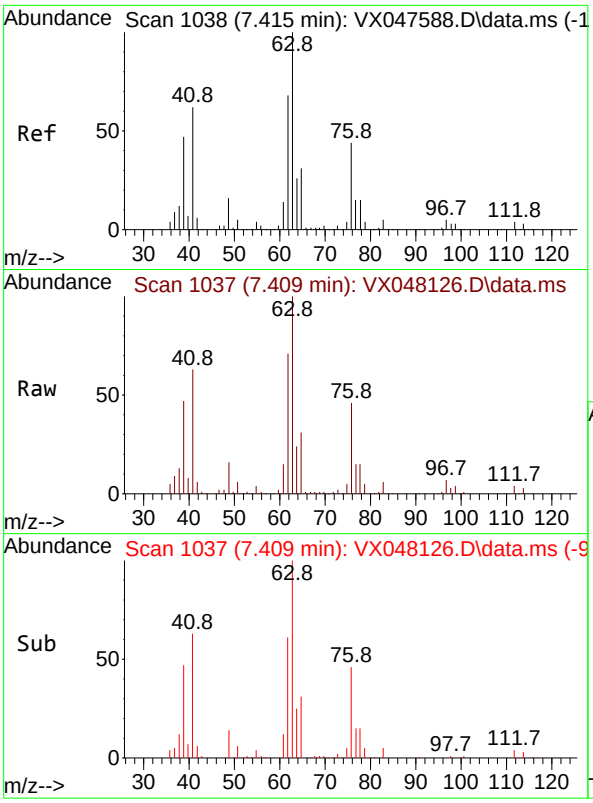


#44
Trichloroethene
Concen: 55.775 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:130 Resp: 104133

Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	210.8

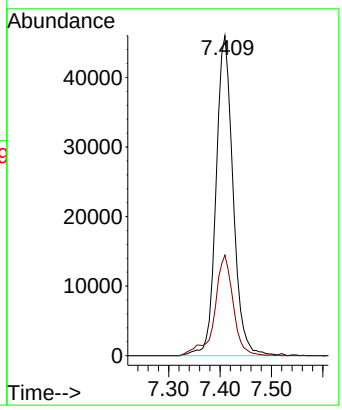




#45
1,2-Dichloropropane
Concen: 53.550 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 63 Resp: 10589

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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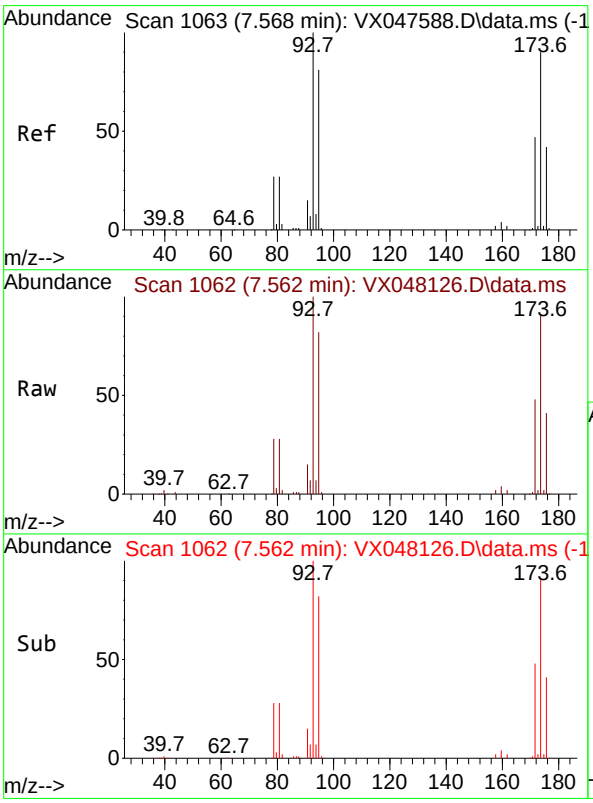
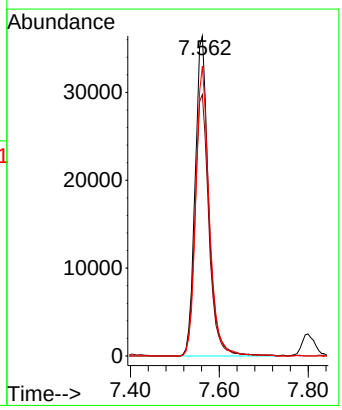
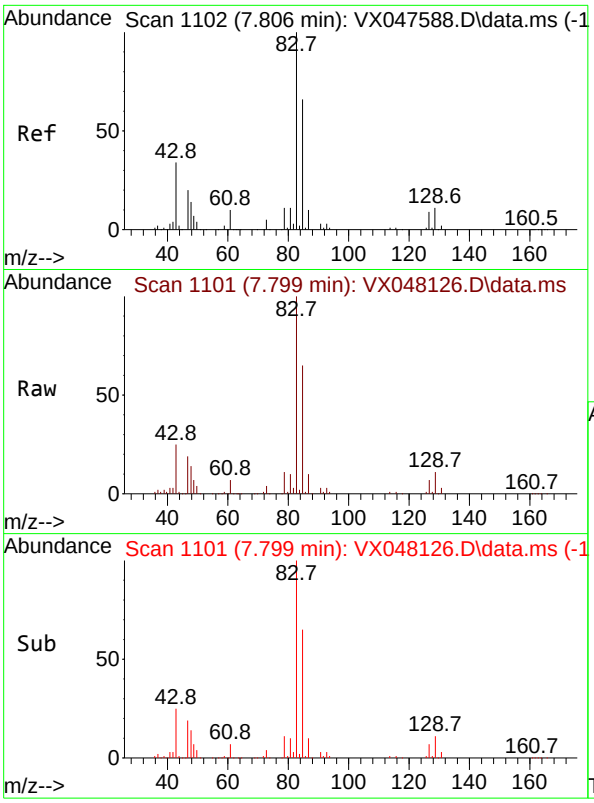


#46
Dibromomethane
Concen: 53.485 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 93 Resp: 76964

Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.0	97.6
174	90.4	71.6	107.4

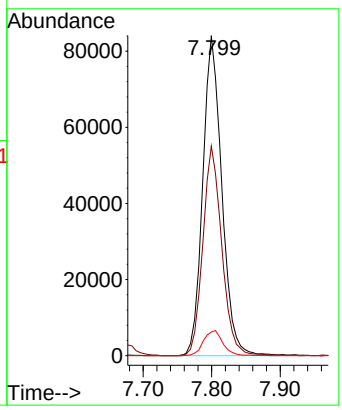




#47
Bromodichloromethane
Concen: 54.741 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 83 Resp: 16254

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.5	78.7
127	7.4	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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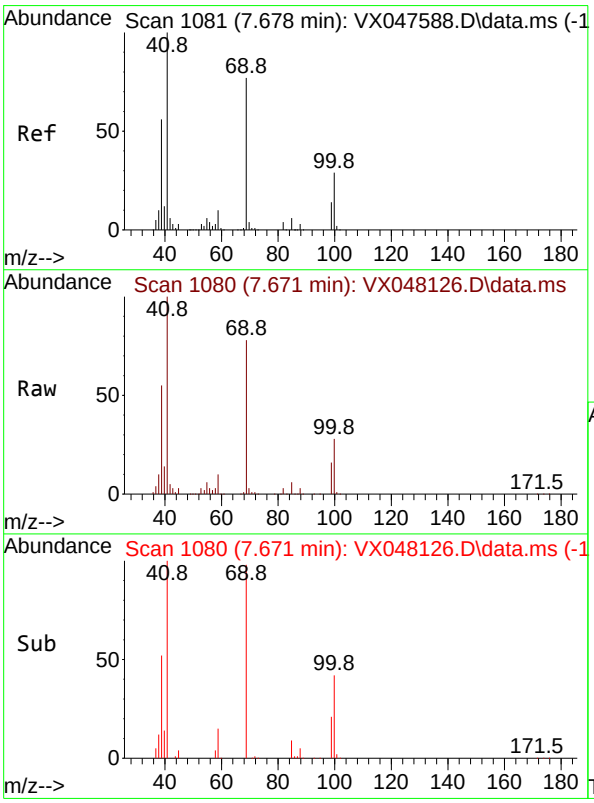
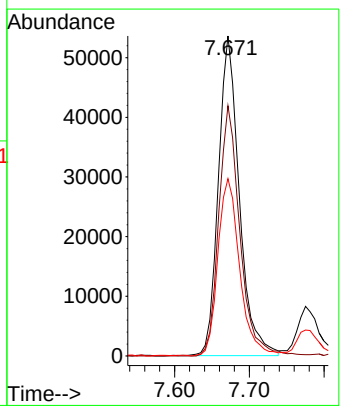
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

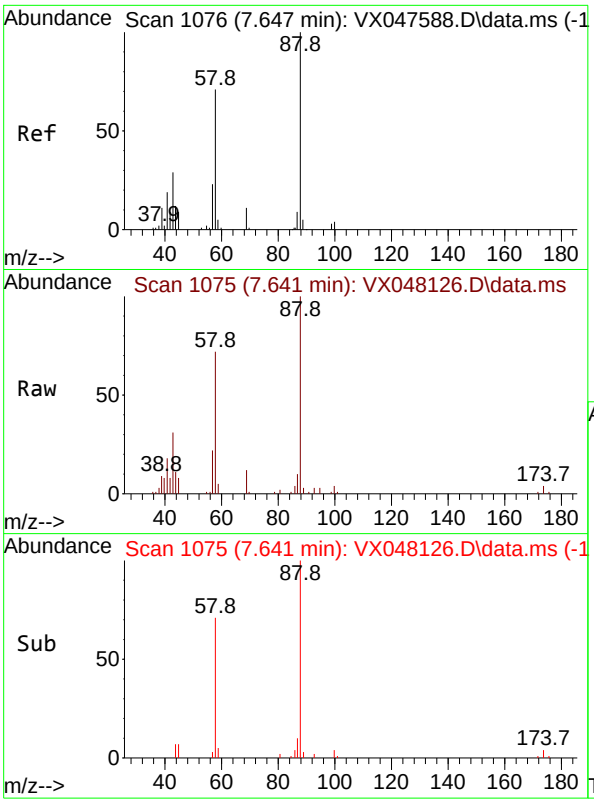


#48
Methyl methacrylate
Concen: 46.937 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 41 Resp: 104388

Ion	Ratio	Lower	Upper
41	100		
69	79.2	61.4	92.2
39	57.9	45.8	68.6





#49
1,4-Dioxane
Concen: 1072.749 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 88 Resp: 2411

Ion	Ratio	Lower	Upper
88	100		
43	41.0	30.2	45.2
58	72.0	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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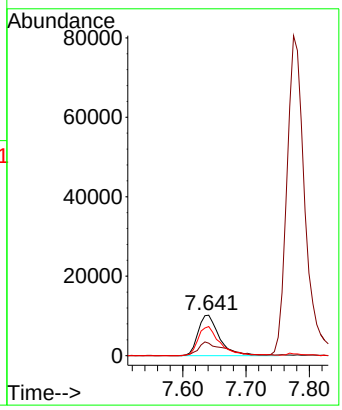
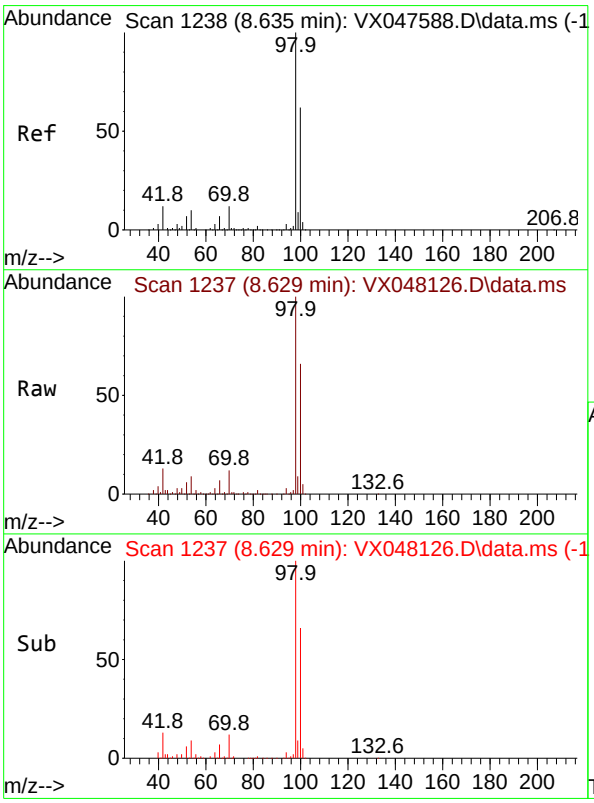
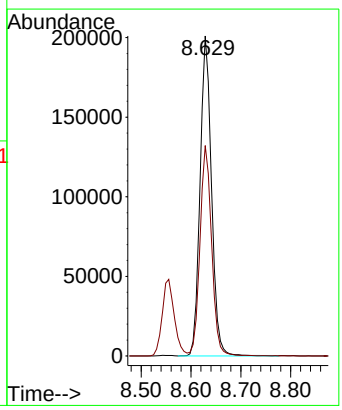


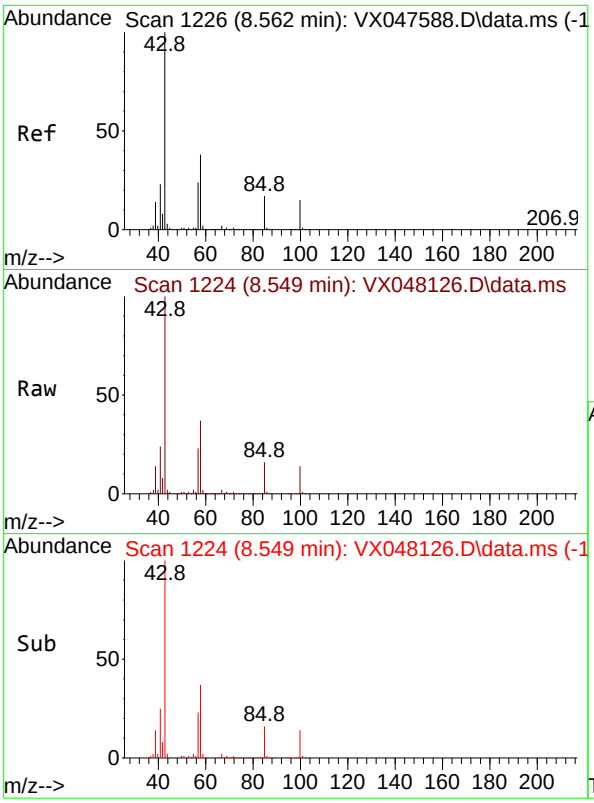


#50
Toluene-d8
Concen: 53.153 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 98 Resp: 320023

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

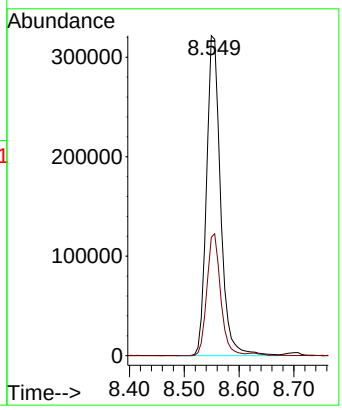




#51
4-Methyl-2-Pentanone
Concen: 230.231 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 56994

Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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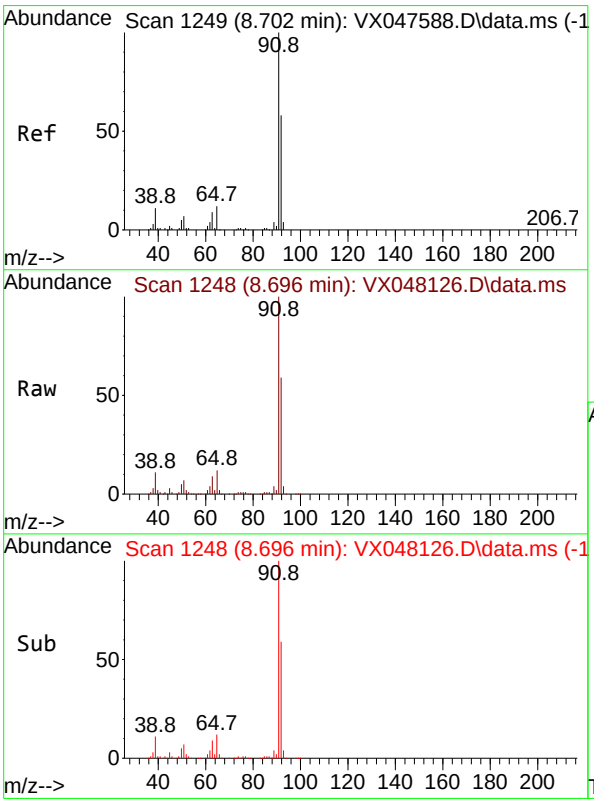
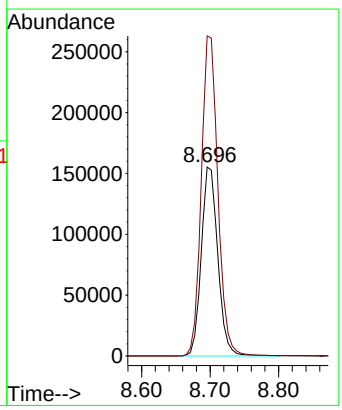
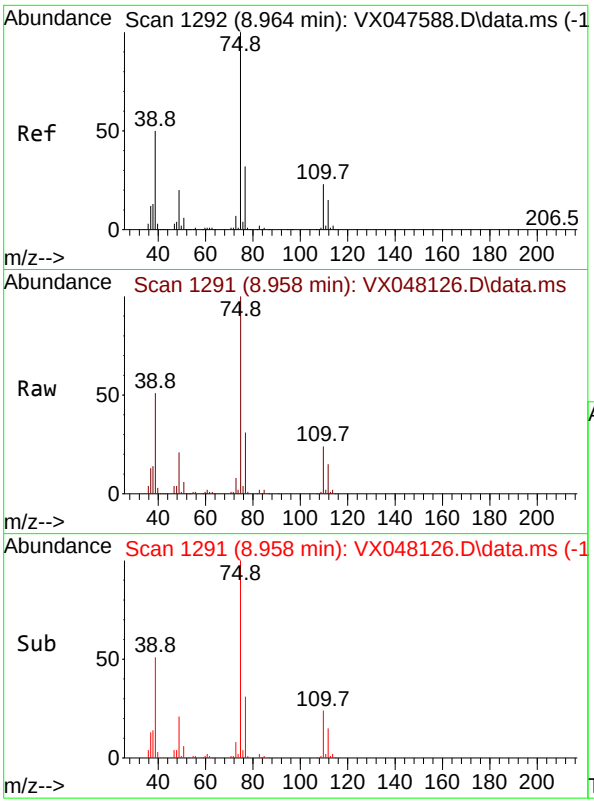


#52
Toluene
Concen: 54.605 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 92 Resp: 259802

Ion	Ratio	Lower	Upper
92	100		
91	170.8	137.1	205.7

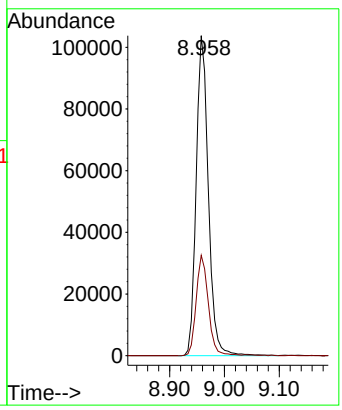




#53
t-1,3-Dichloropropene
Concen: 53.099 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 16082

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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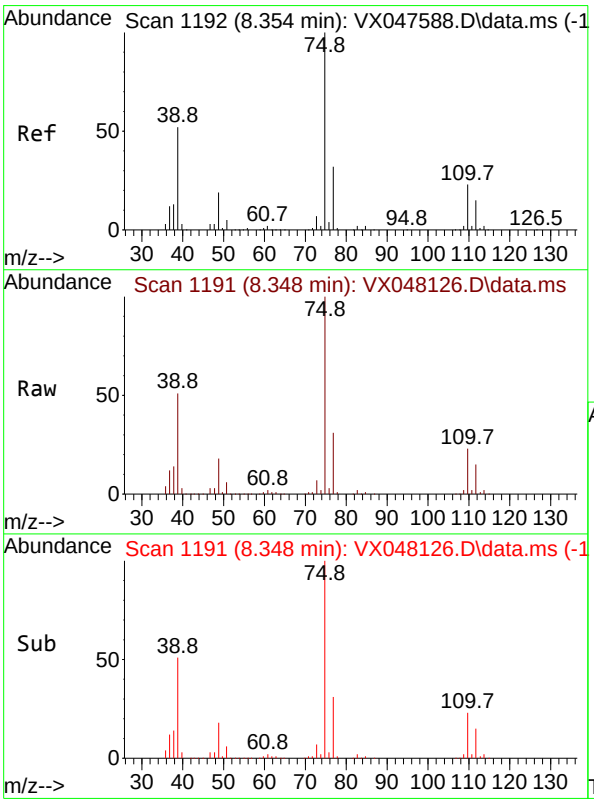
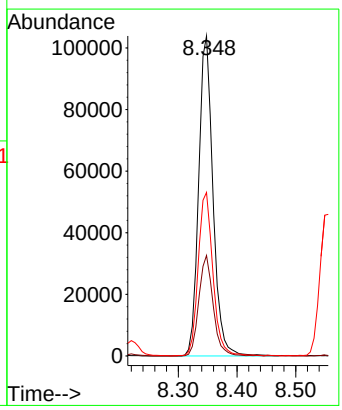
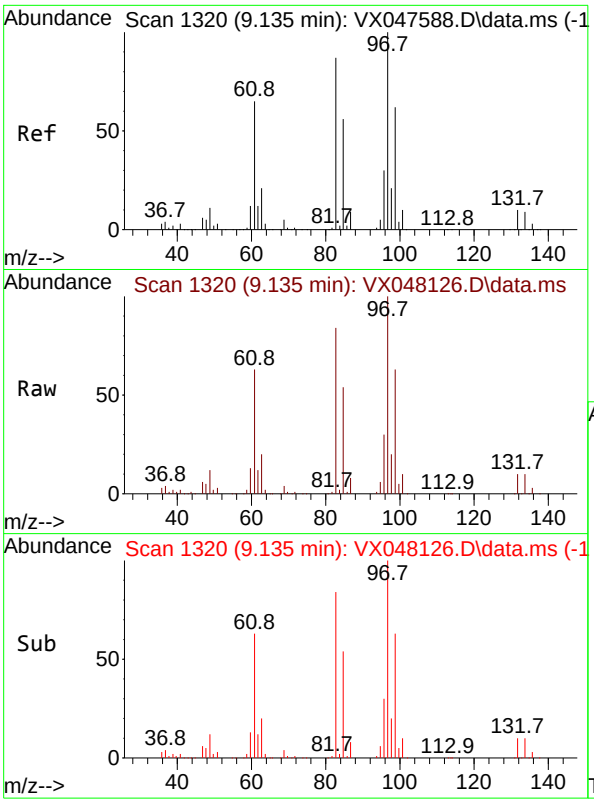


#54
cis-1,3-Dichloropropene
Concen: 54.388 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 176072

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	50.5	41.4	62.2

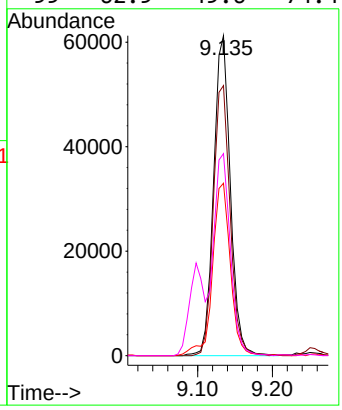




#55
1,1,2-Trichloroethane
Concen: 51.931 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 97 Resp: 9527

Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.6	104.4
85	53.8	45.0	67.6
99	62.9	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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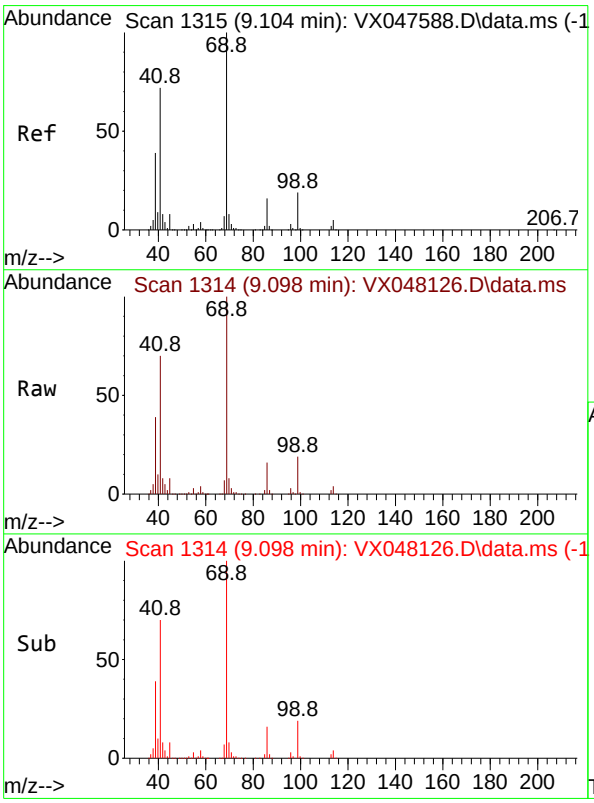
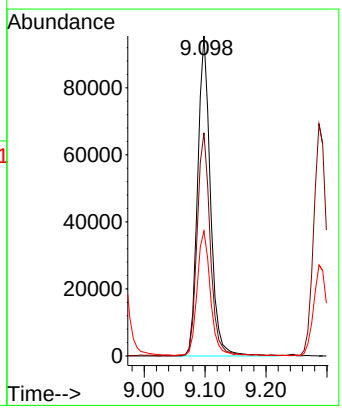
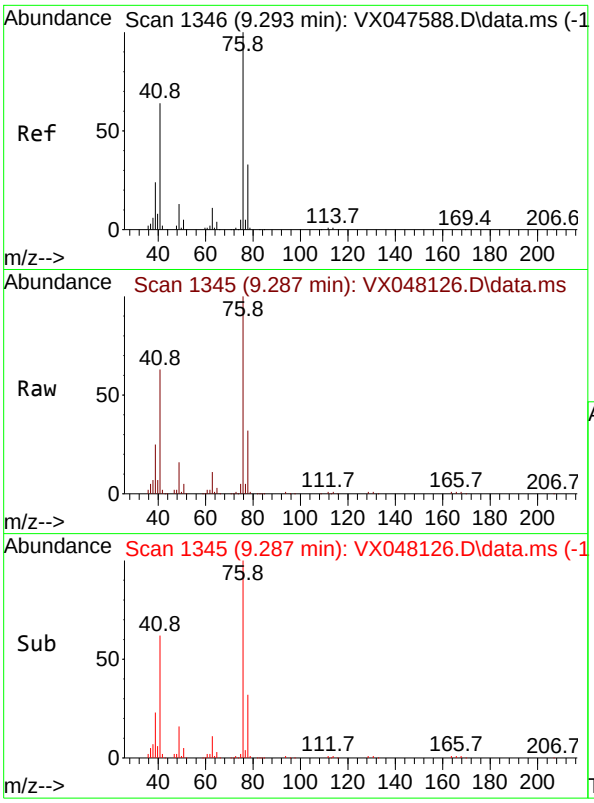


#56
Ethyl methacrylate
Concen: 48.333 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 69 Resp: 139255

Ion	Ratio	Lower	Upper
69	100		
41	71.0	58.6	87.8
39	40.4	31.5	47.3

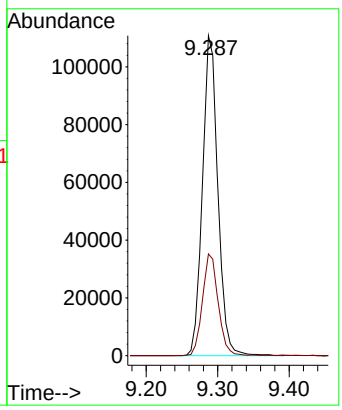




#57
1,3-Dichloropropane
Concen: 52.630 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 76 Resp: 16586

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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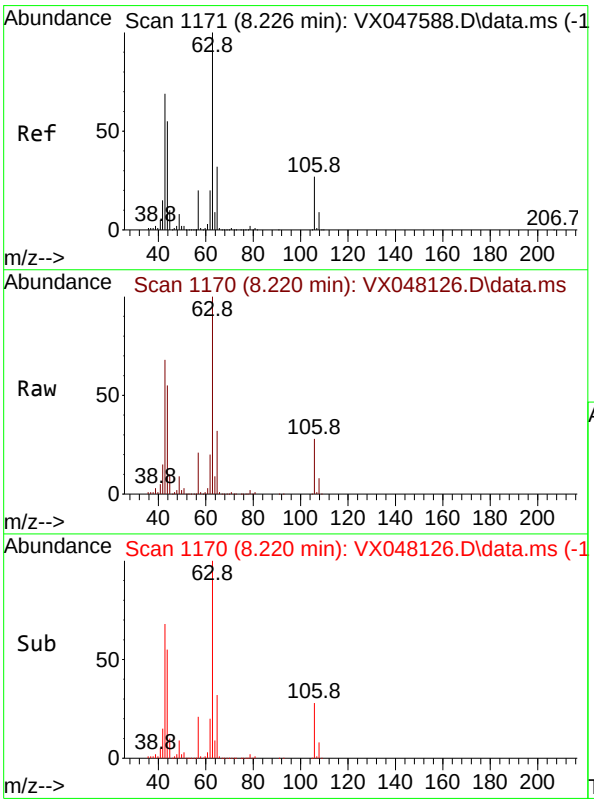
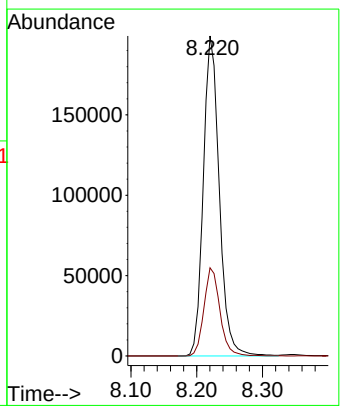
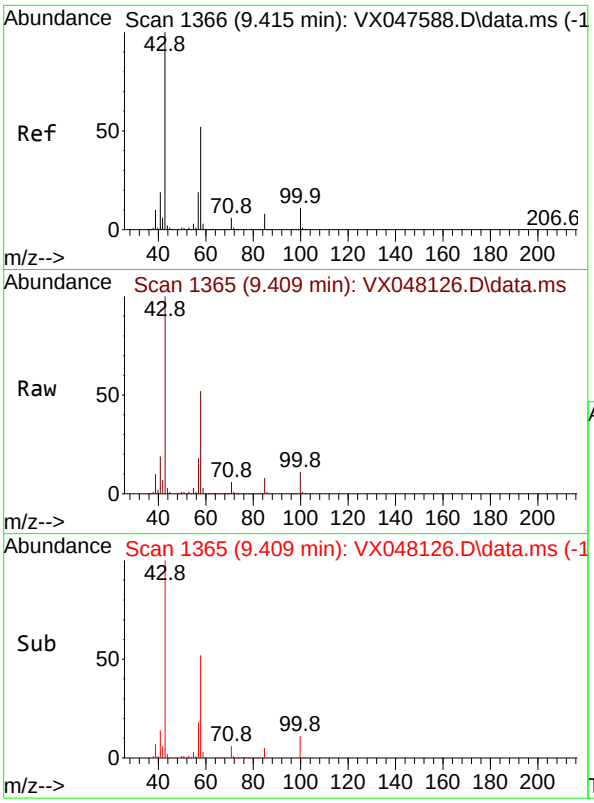


#58
2-Chloroethyl Vinyl ether
Concen: 244.822 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 63 Resp: 336481

Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.9	32.9





#59
2-Hexanone
Concen: 236.180 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 41991

Ion	Ratio	Lower	Upper
43	100		
58	52.5	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 10/14/2025
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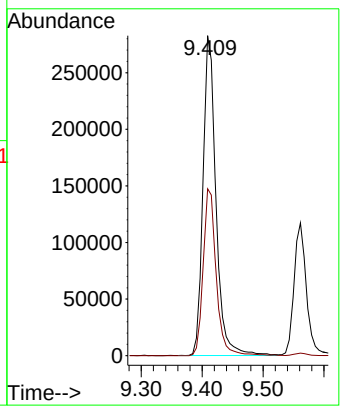
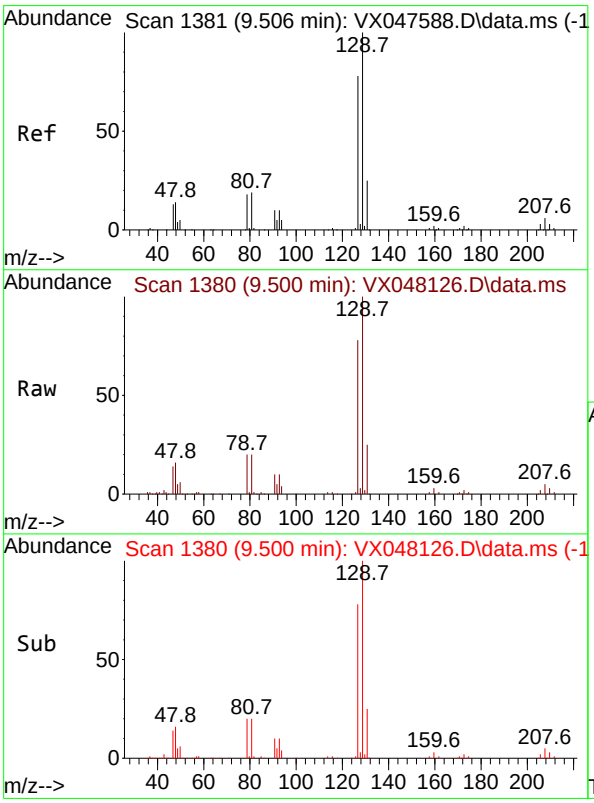
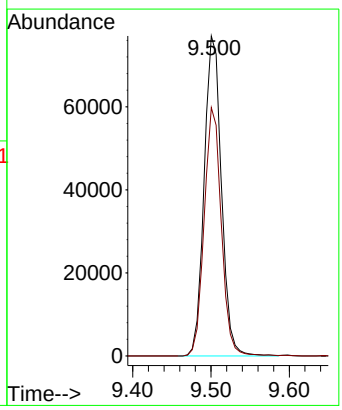


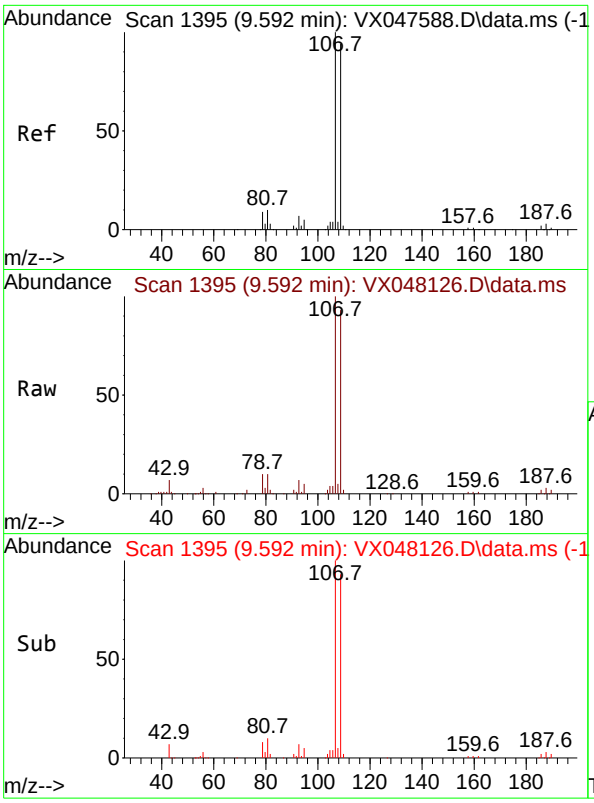


#60
Dibromochloromethane
Concen: 55.685 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:129 Resp: 117709

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.4	115.2

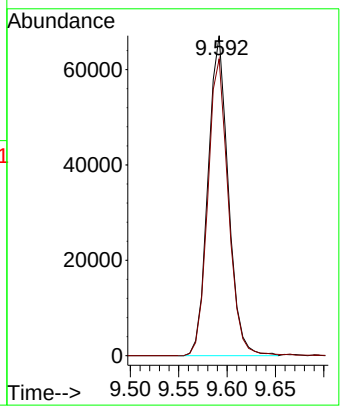




#61
1,2-Dibromoethane
Concen: 52.384 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:107 Resp: 9788

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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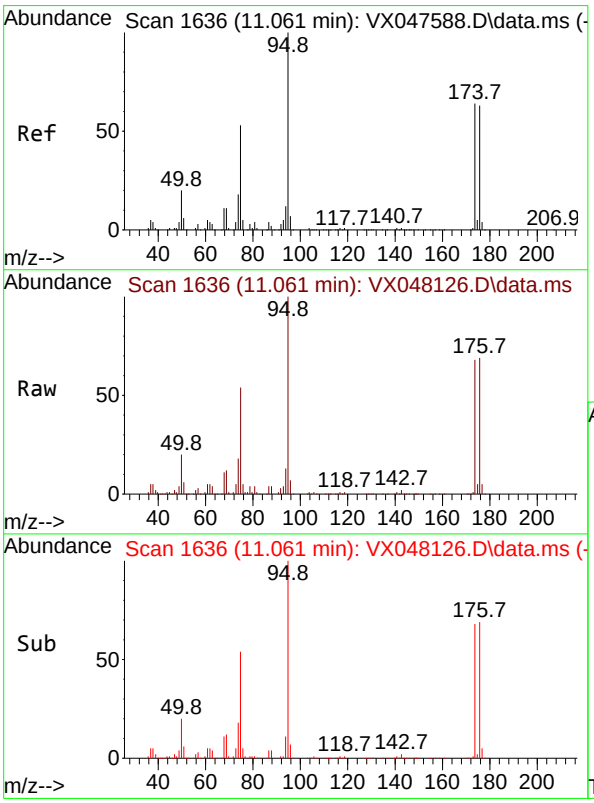
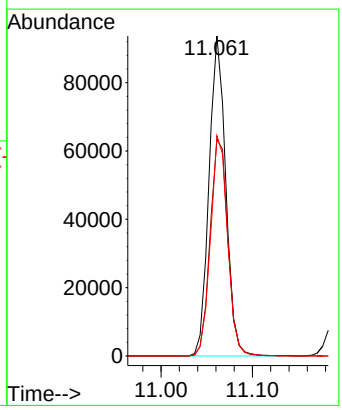
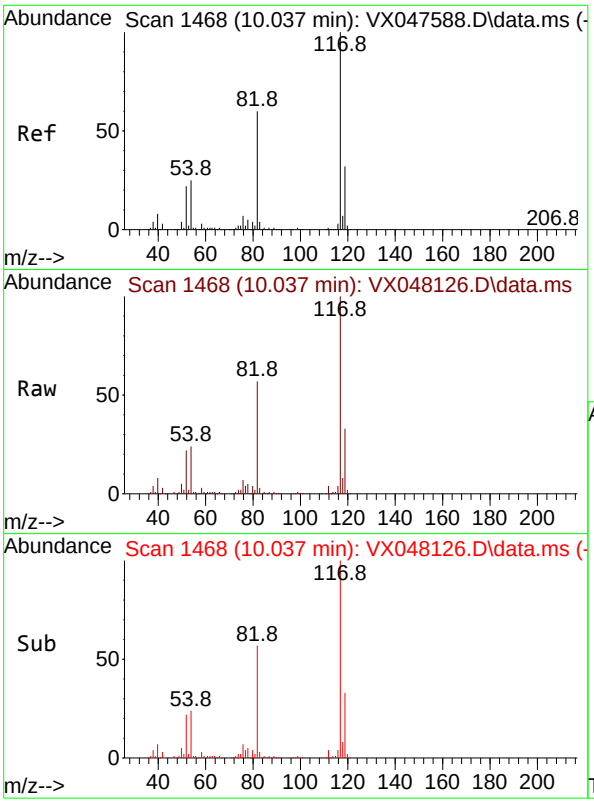


#62
4-Bromofluorobenzene
Concen: 51.831 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 95 Resp: 118434

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	141.6
176	70.2	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:117 Resp: 22320

Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.8	71.6
119	32.9	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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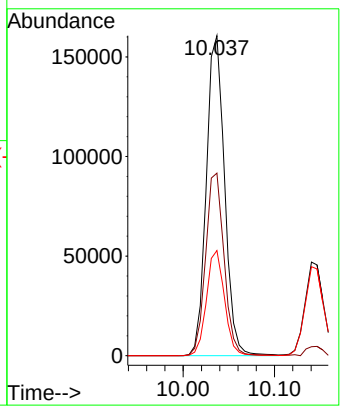
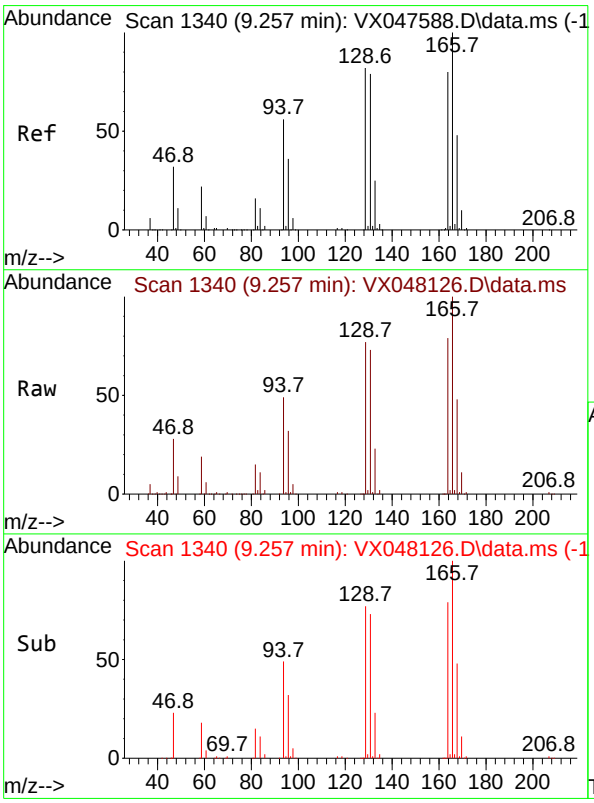
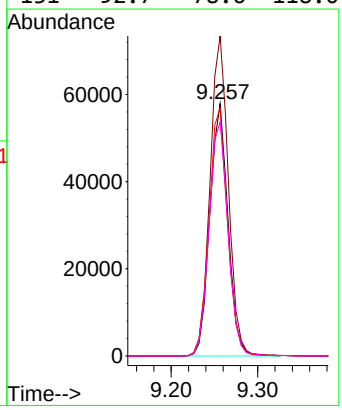


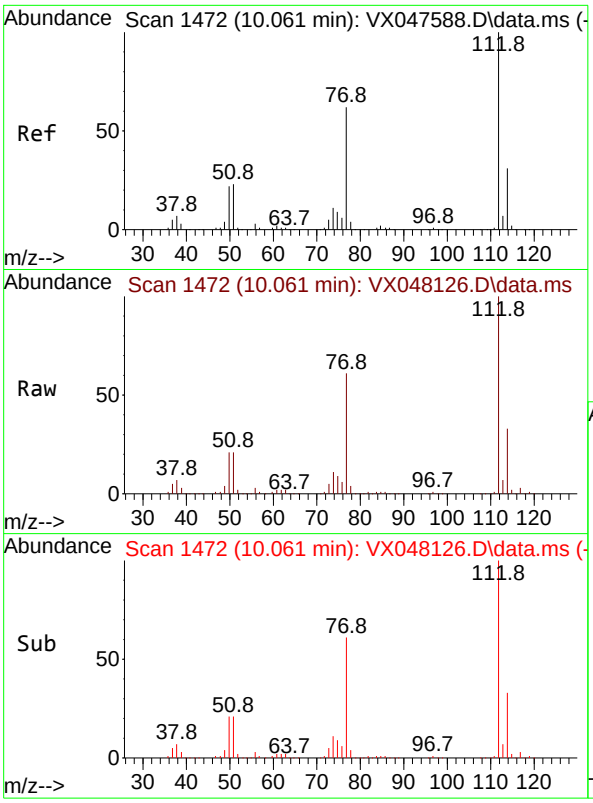


#64
Tetrachloroethene
Concen: 57.942 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:164 Resp: 84307

Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.2	150.2
129	98.1	81.8	122.6
131	92.7	78.6	118.0

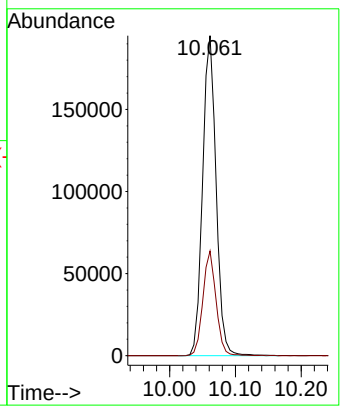




#65
Chlorobenzene
Concen: 54.737 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:112 Resp: 27755

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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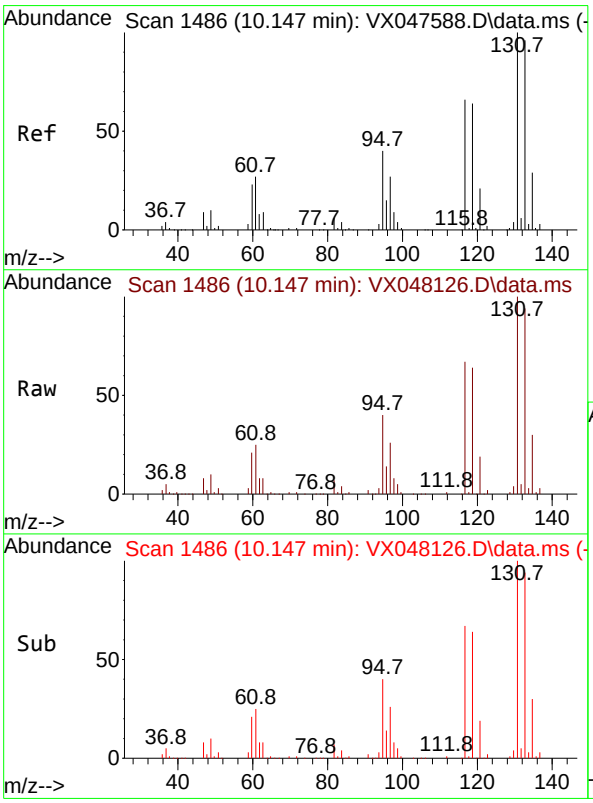
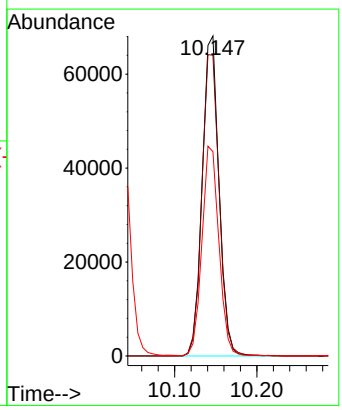
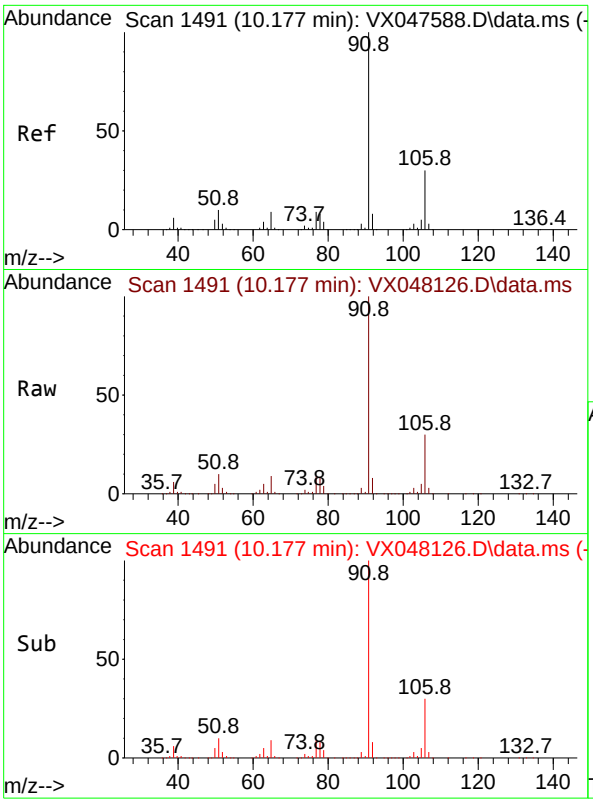


#66
1,1,1,2-Tetrachloroethane
Concen: 55.224 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:131 Resp: 96629

Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.3	142.0
119	66.5	32.0	96.0

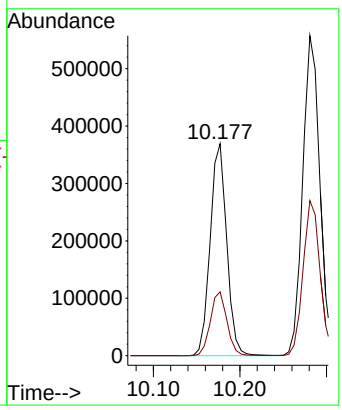




#67
Ethyl Benzene
Concen: 56.073 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 91 Resp: 49058

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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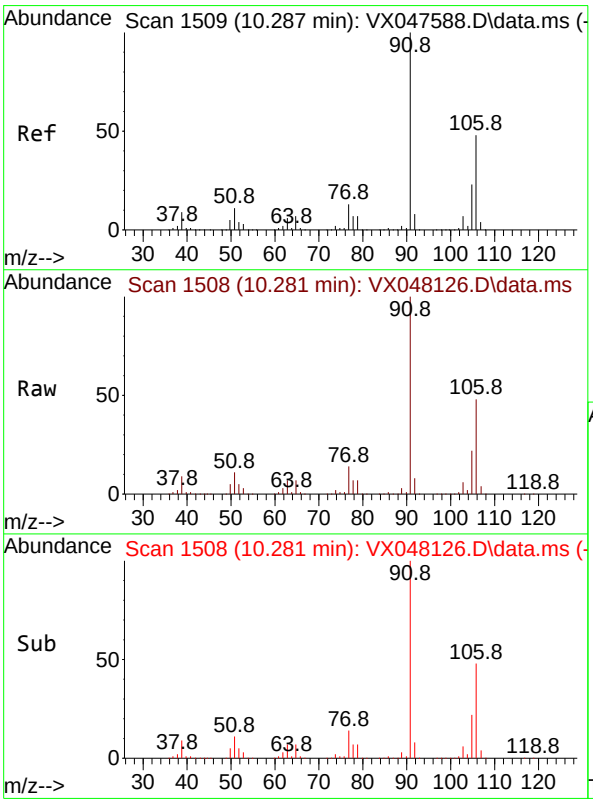
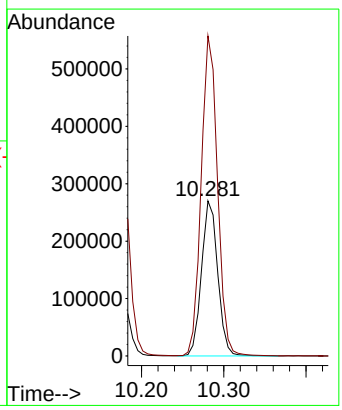
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

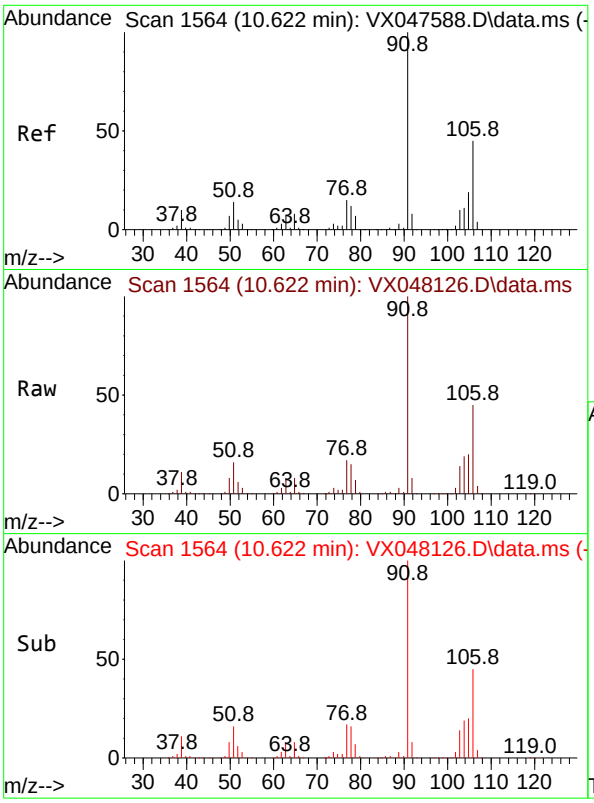


#68
m/p-Xylenes
Concen: 113.483 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:106 Resp: 369555

Ion	Ratio	Lower	Upper
106	100		
91	207.9	167.8	251.8

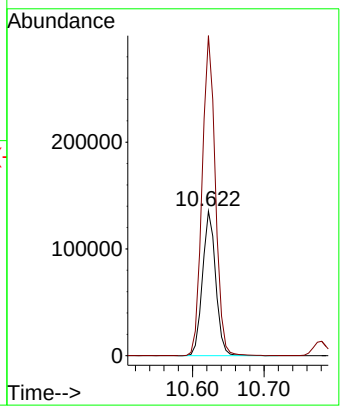




#69
o-Xylene
Concen: 55.023 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:106 Resp: 173309

Ion	Ratio	Lower	Upper
106	100		
91	222.1	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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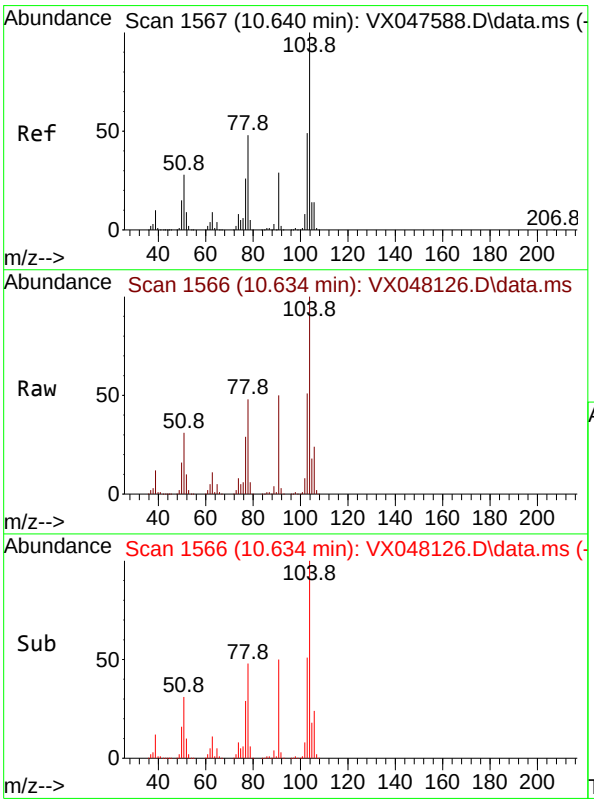
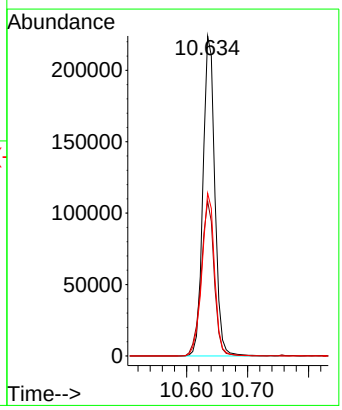
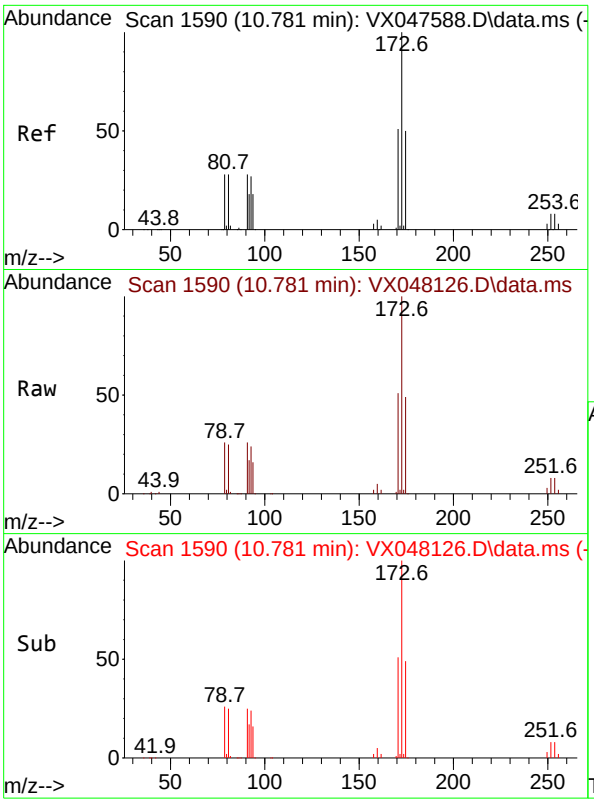


#70
Styrene
Concen: 55.065 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:104 Resp: 303904

Ion	Ratio	Lower	Upper
104	100		
78	53.0	43.1	64.7
103	54.3	43.1	64.7

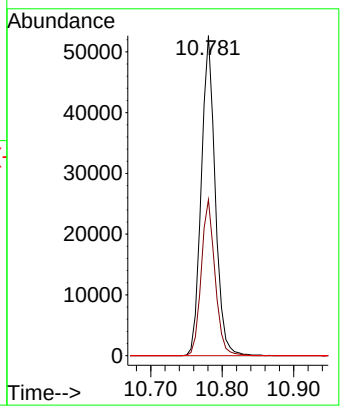




#71
Bromoform
Concen: 54.505 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:173 Resp: 7121

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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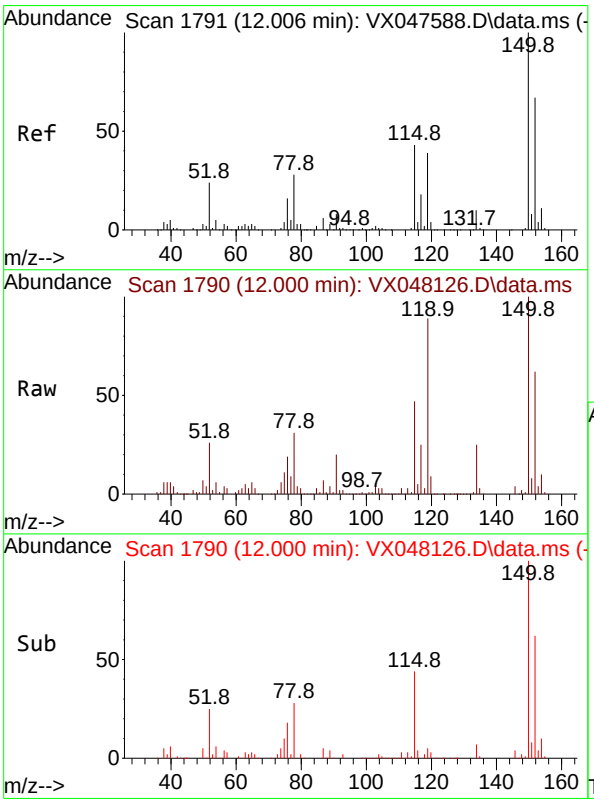
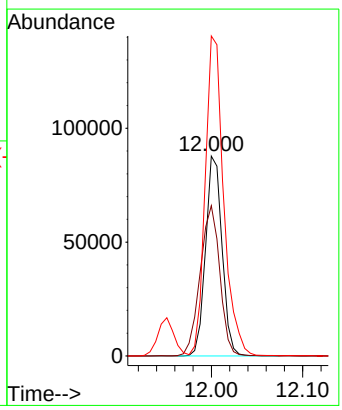
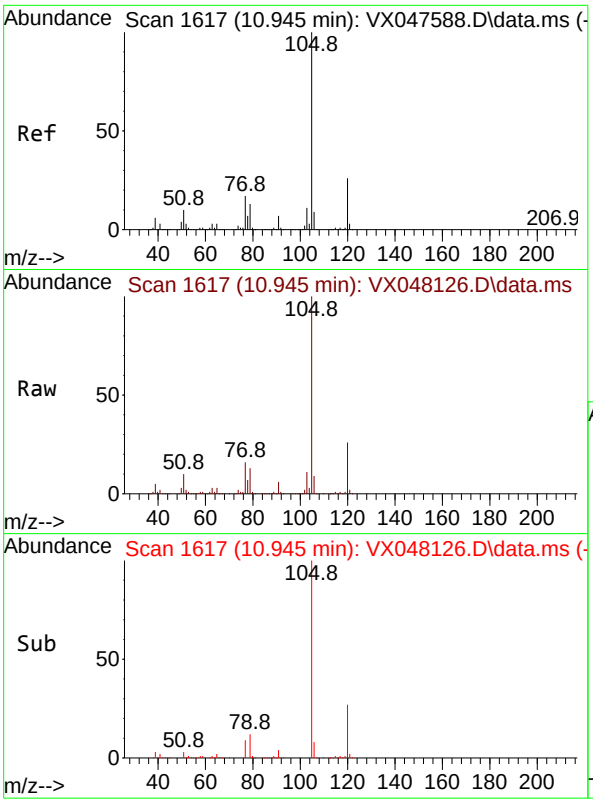


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:152 Resp: 109642

Ion	Ratio	Lower	Upper
152	100		
115	89.8	44.9	134.5
150	178.7	0.0	352.0

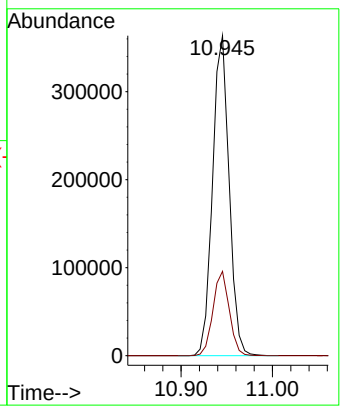




#73
Isopropylbenzene
Concen: 54.807 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:105 Resp: 45685

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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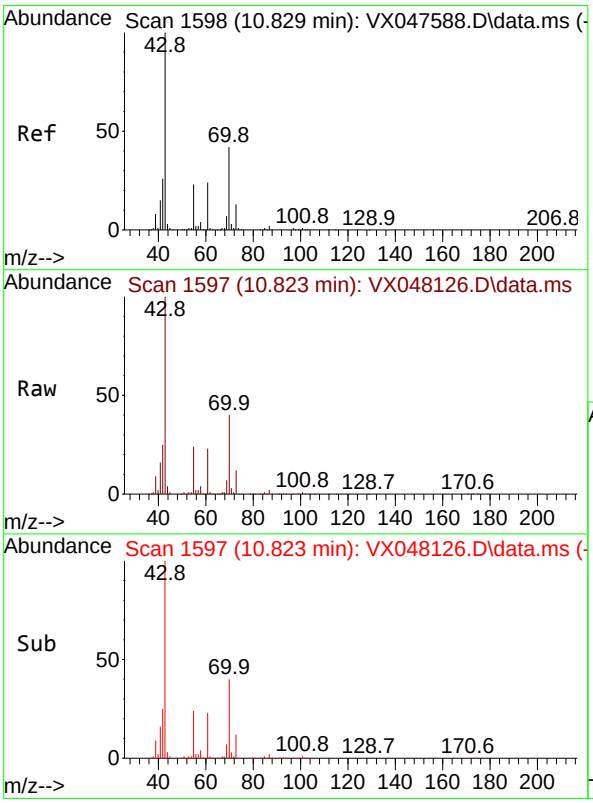
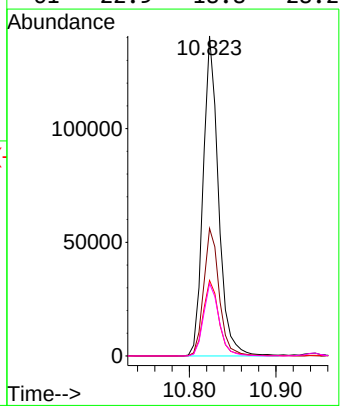
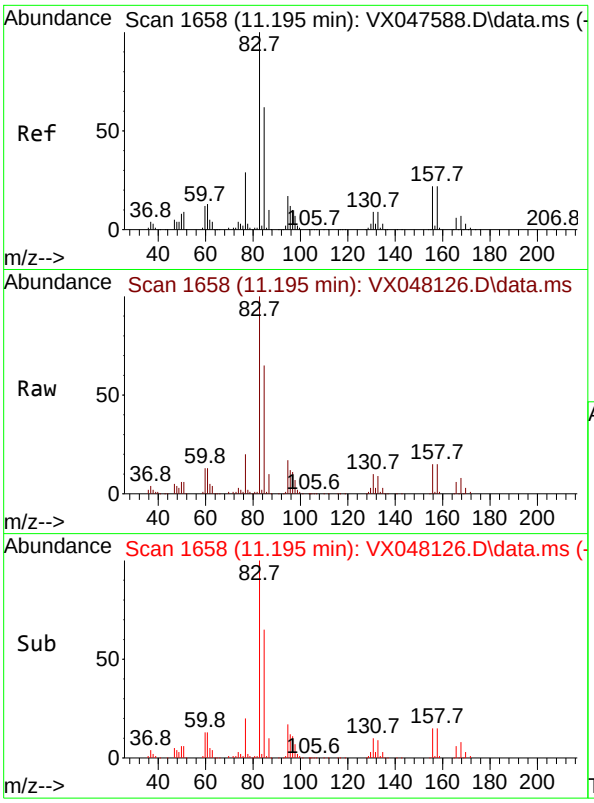


#74
N-amyl acetate
Concen: 45.597 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 173323

Ion	Ratio	Lower	Upper
43	100		
70	40.4	32.0	48.0
55	24.2	18.9	28.3
61	22.9	18.8	28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.544 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 83 Resp: 12242

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	65.0	31.6	95.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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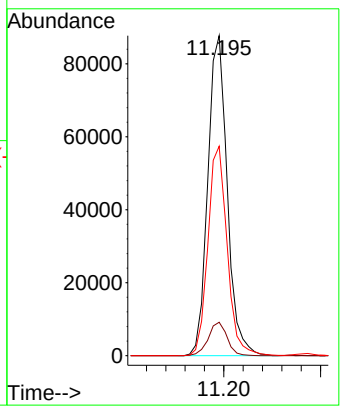
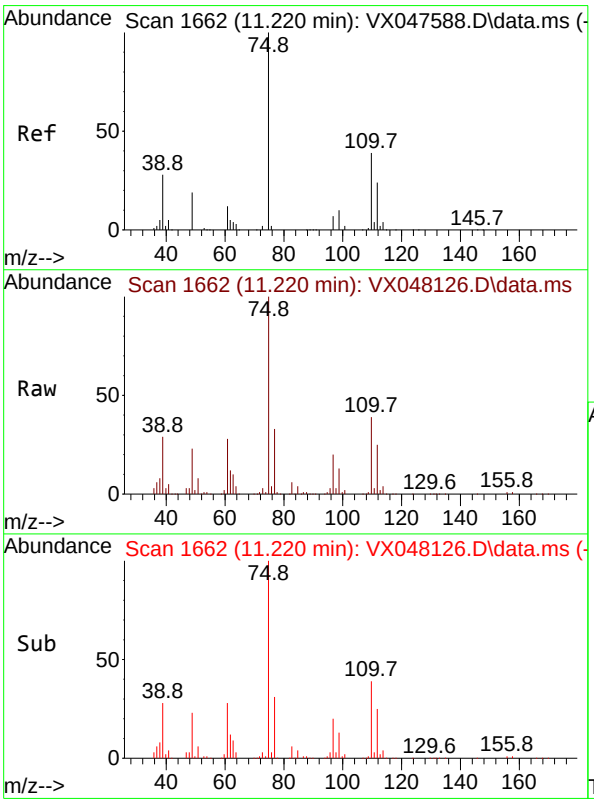
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

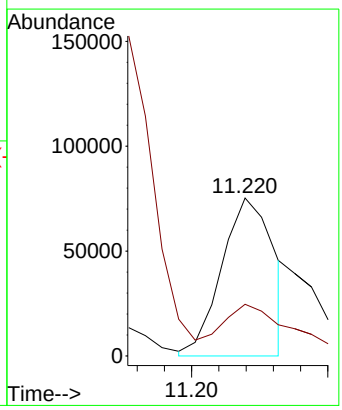


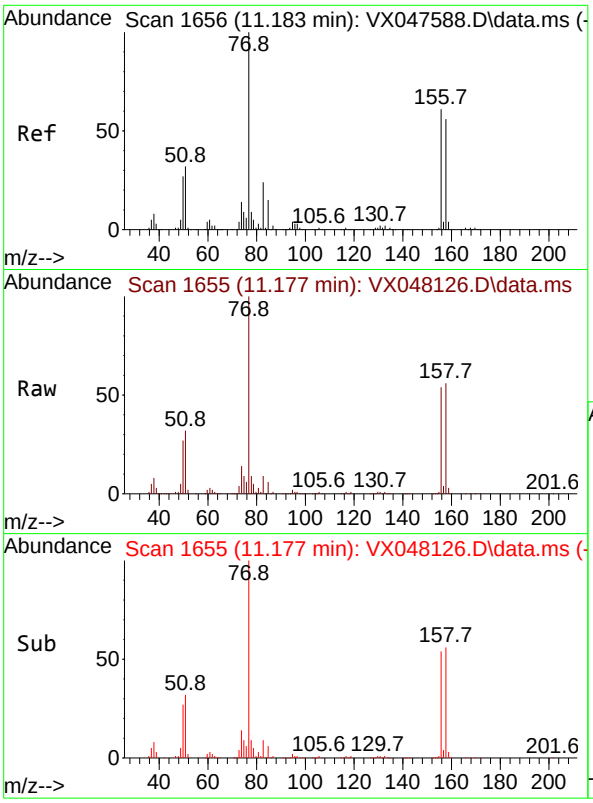


#76
1,2,3-Trichloropropane
Concen: 45.055 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 100017

Ion	Ratio	Lower	Upper
75	100		
77	44.3	18.8	56.4





#77
Bromobenzene
Concen: 52.152 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:156 Resp: 10707

Ion	Ratio	Lower	Upper
156	100		
77	176.0	89.7	269.1
158	98.2	47.9	143.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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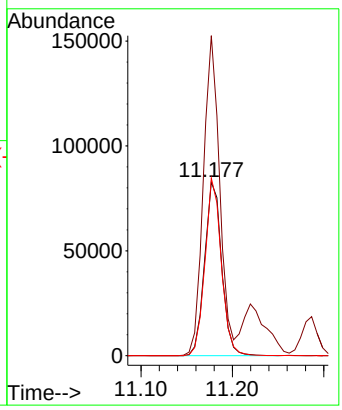
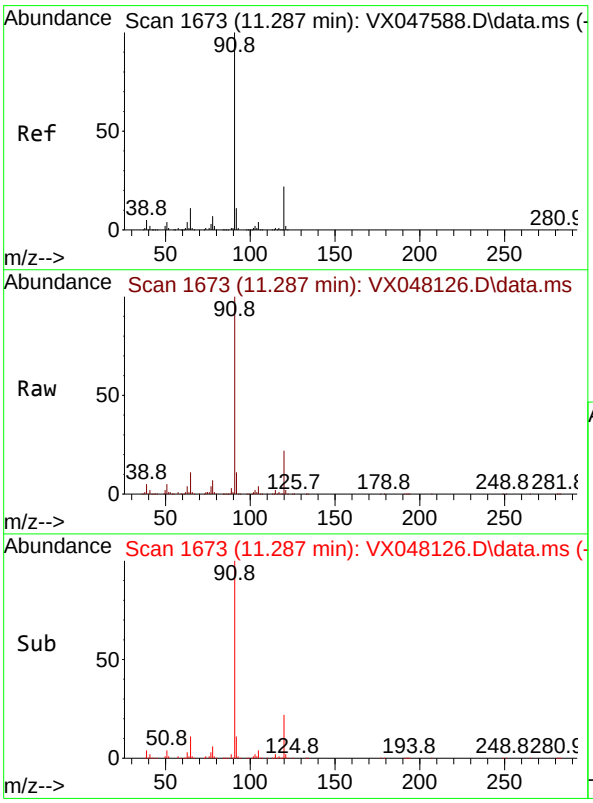
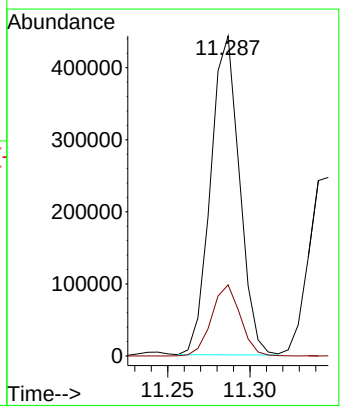


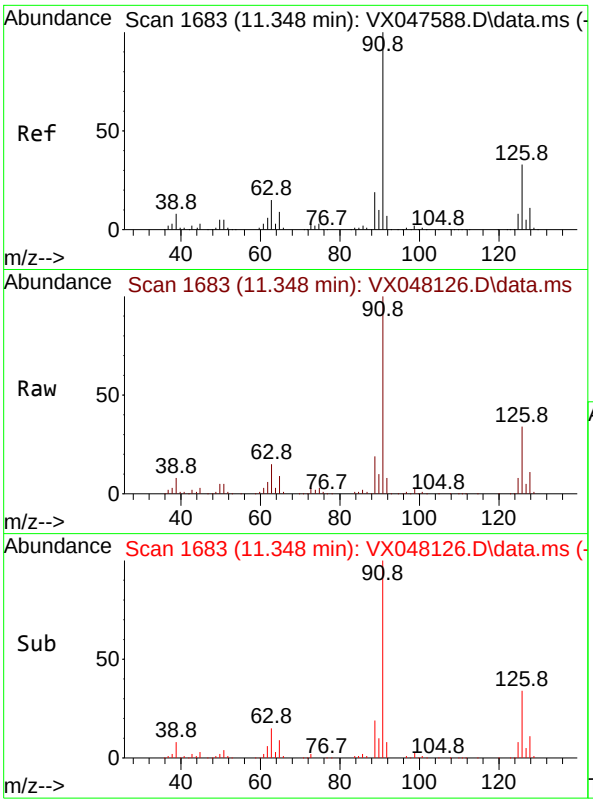


#78
n-propylbenzene
Concen: 54.892 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 91 Resp: 540893

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1

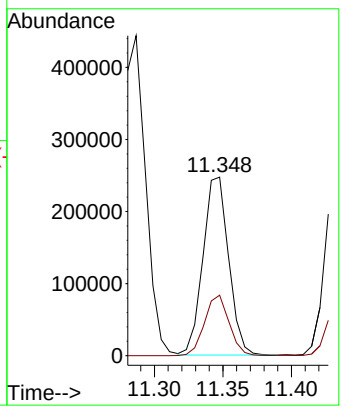




#79
2-Chlorotoluene
Concen: 53.398 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 91 Resp: 32227

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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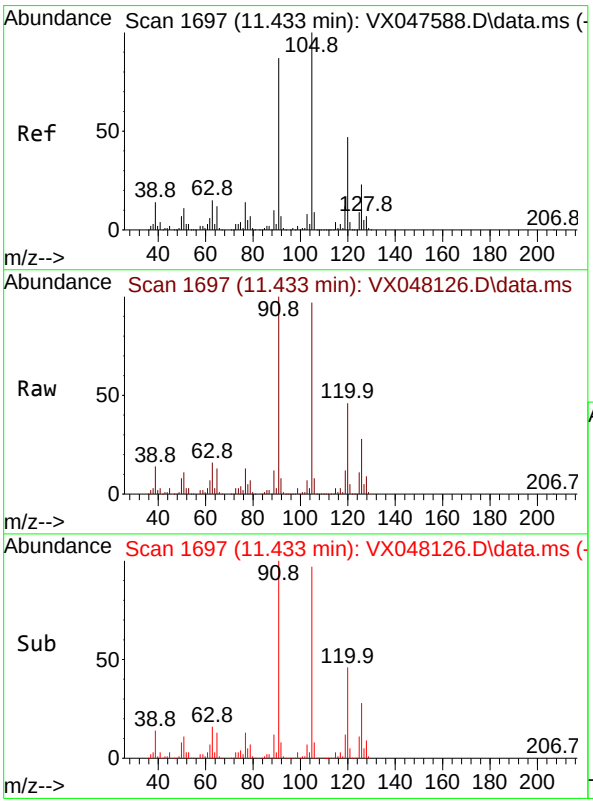
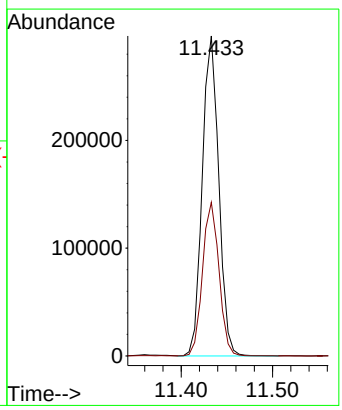
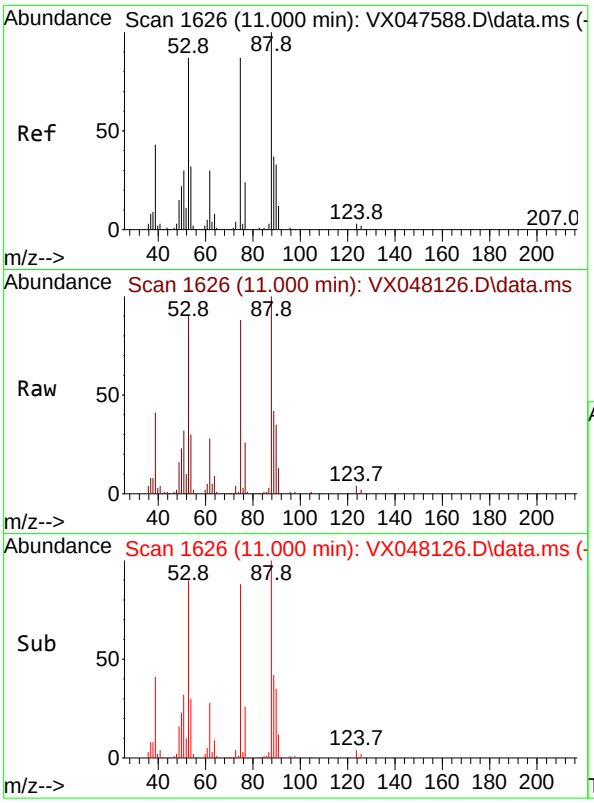


#80
1,3,5-Trimethylbenzene
Concen: 54.031 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:105 Resp: 370027

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.443 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 4042

Ion	Ratio	Lower	Upper
75	100		
53	103.9	83.4	125.2
89	46.5	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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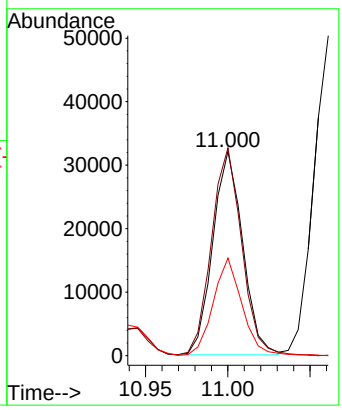
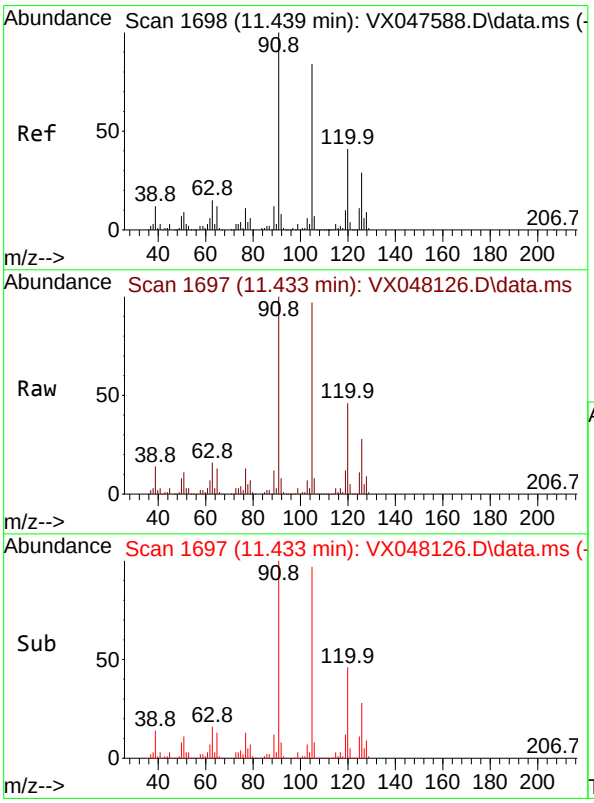
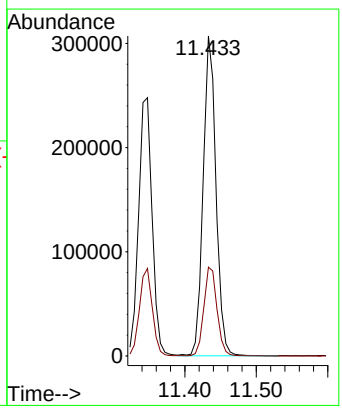


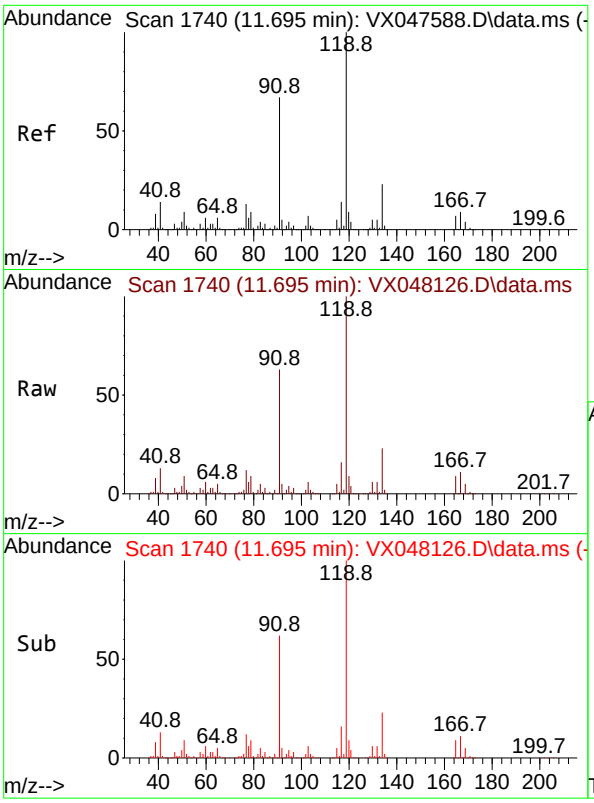


#82
4-Chlorotoluene
Concen: 53.556 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 91 Resp: 381746

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.2	42.6

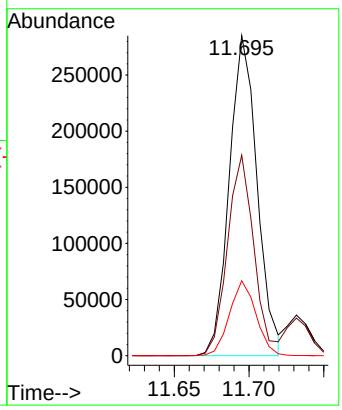




#83
tert-Butylbenzene
Concen: 52.654 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:119 Resp: 36913

Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.6	88.8
134	22.4	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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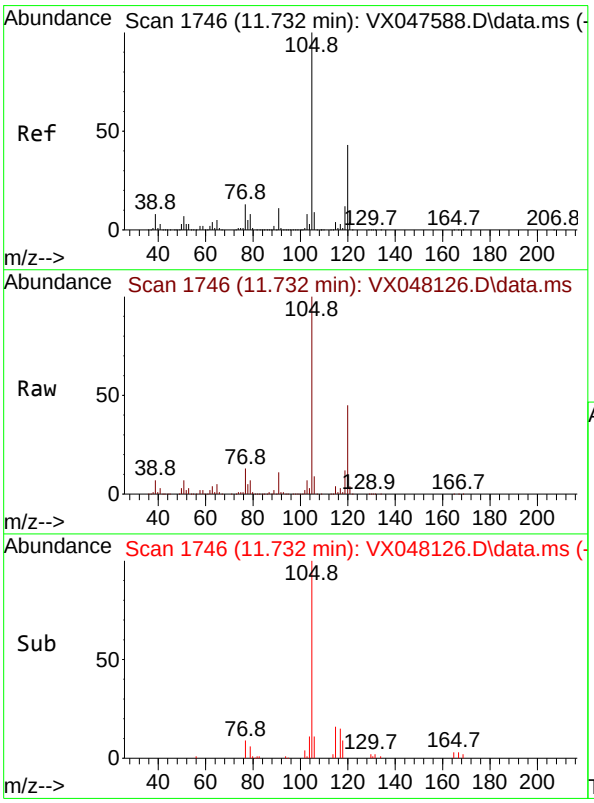
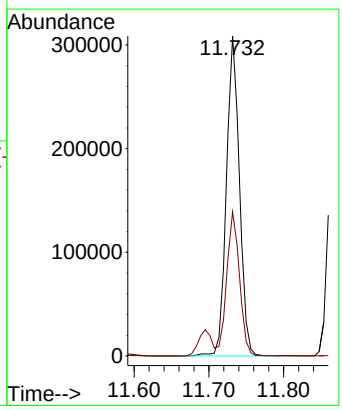
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

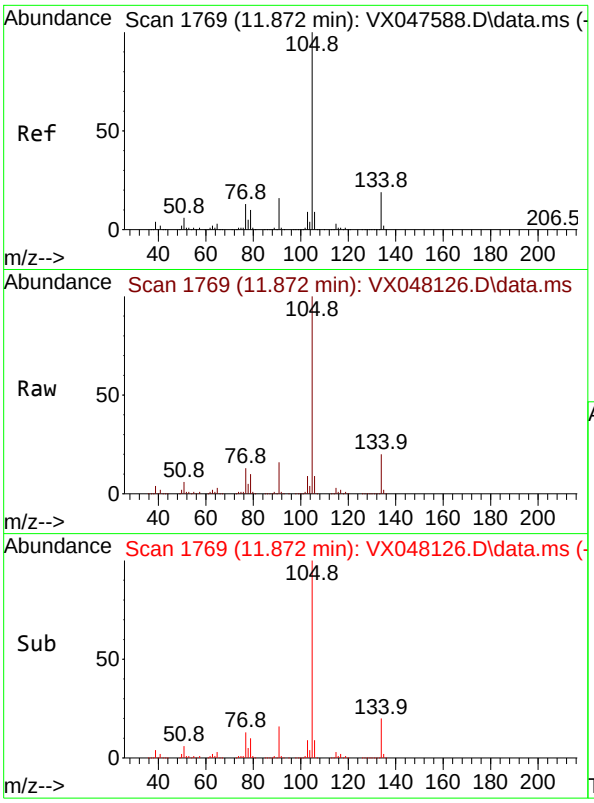


#84
1,2,4-Trimethylbenzene
Concen: 53.862 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:105 Resp: 373978

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1

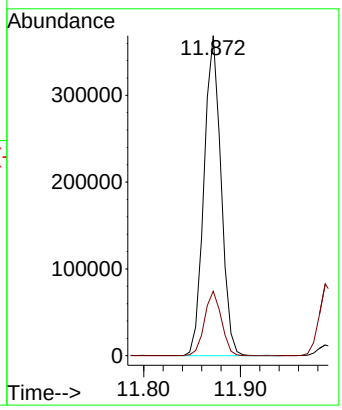




#85
sec-Butylbenzene
Concen: 54.048 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:105 Resp: 45007

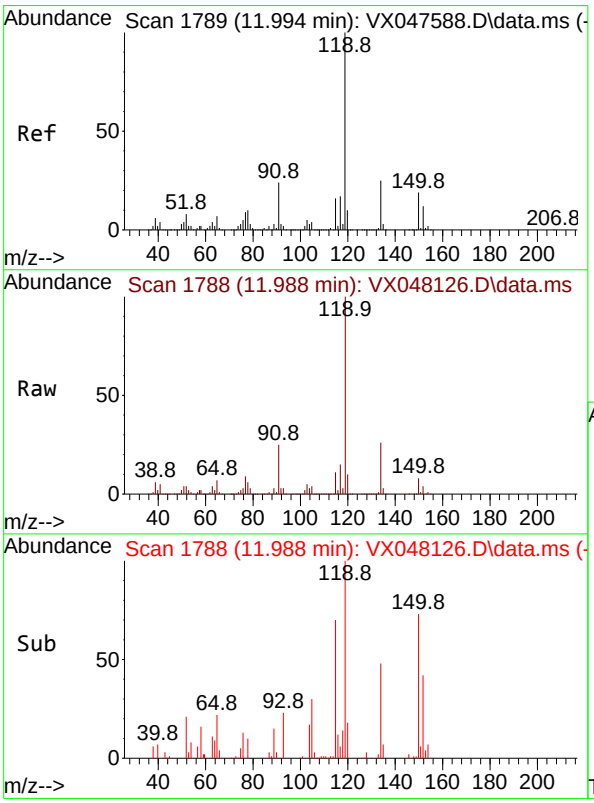
Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

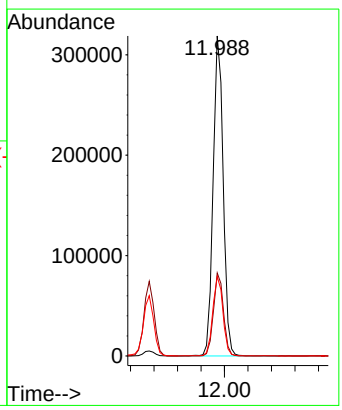
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

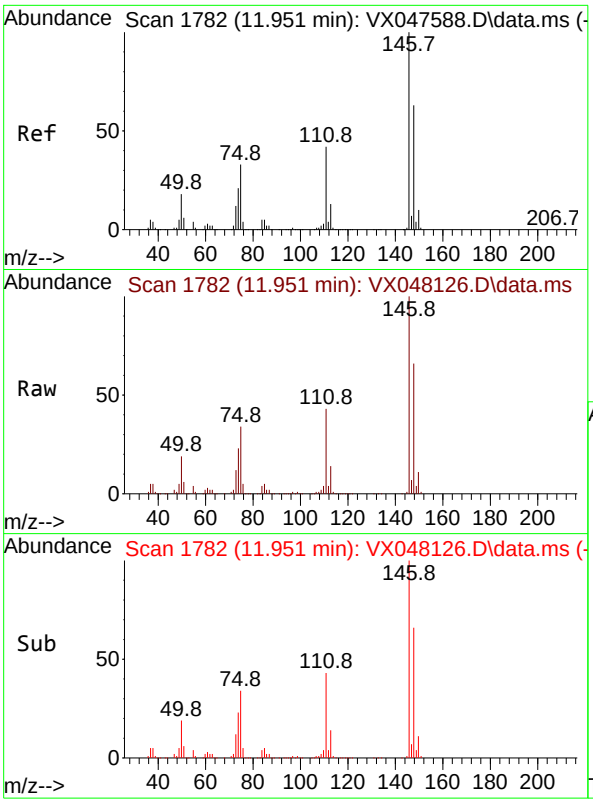


#86
p-Isopropyltoluene
Concen: 53.872 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:119 Resp: 379791

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	25.0	12.6	37.6

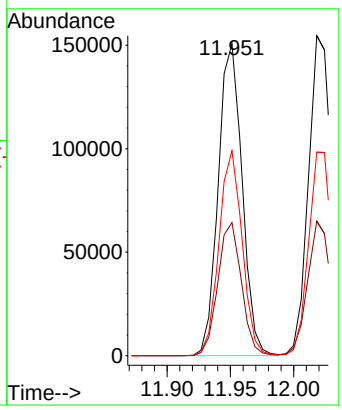




#87
1,3-Dichlorobenzene
Concen: 51.849 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:146 Resp: 19771

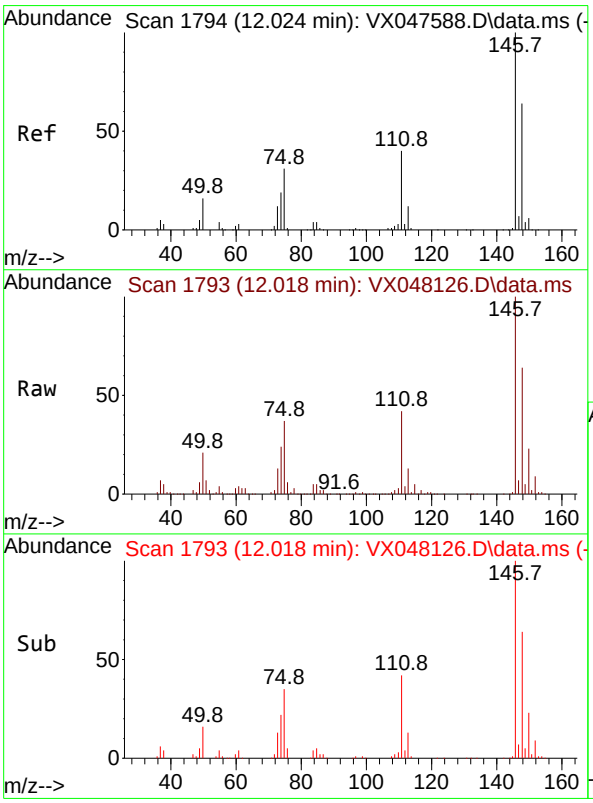
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.5	64.5
148	63.9	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

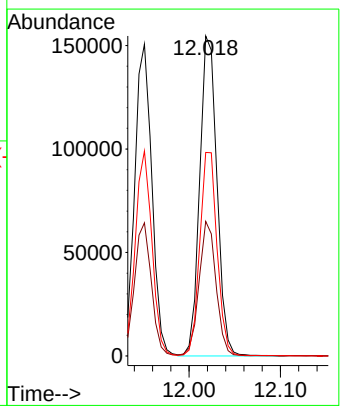
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

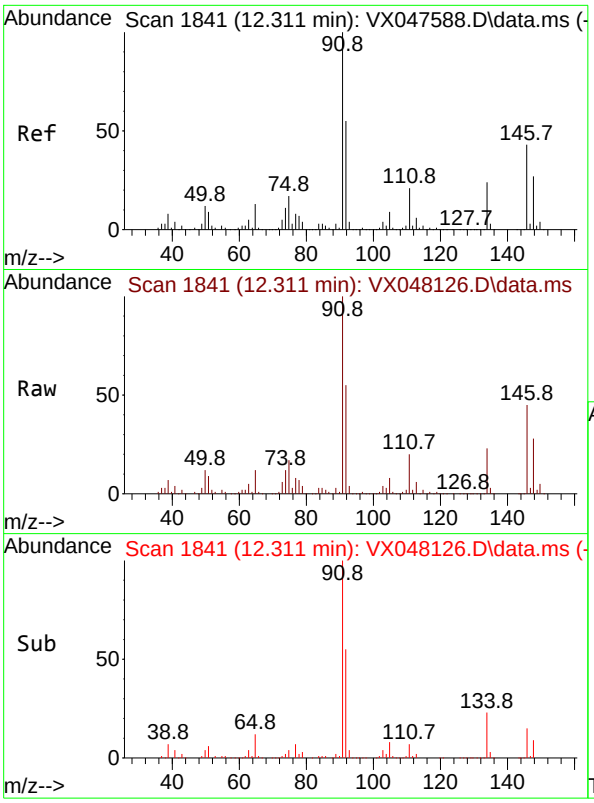


#88
1,4-Dichlorobenzene
Concen: 51.725 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:146 Resp: 202440

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	63.6	31.7	95.1

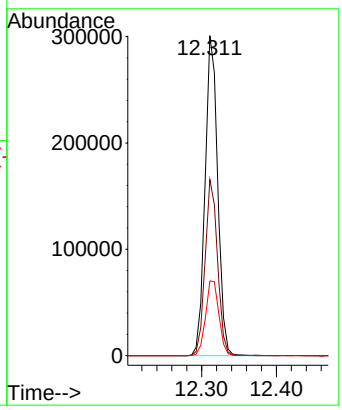




#89
n-Butylbenzene
Concen: 54.020 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 91 Resp: 35238

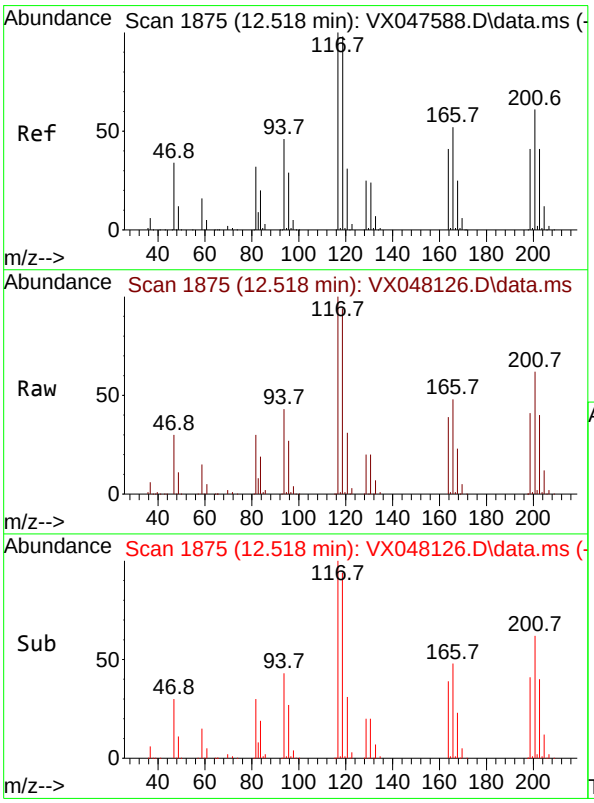
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.7
134	24.8	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

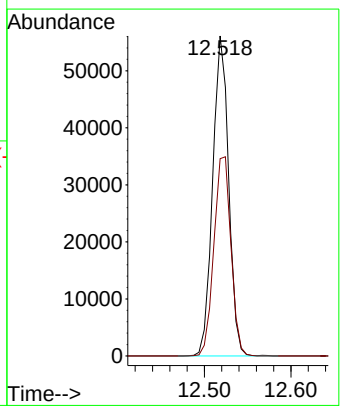
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

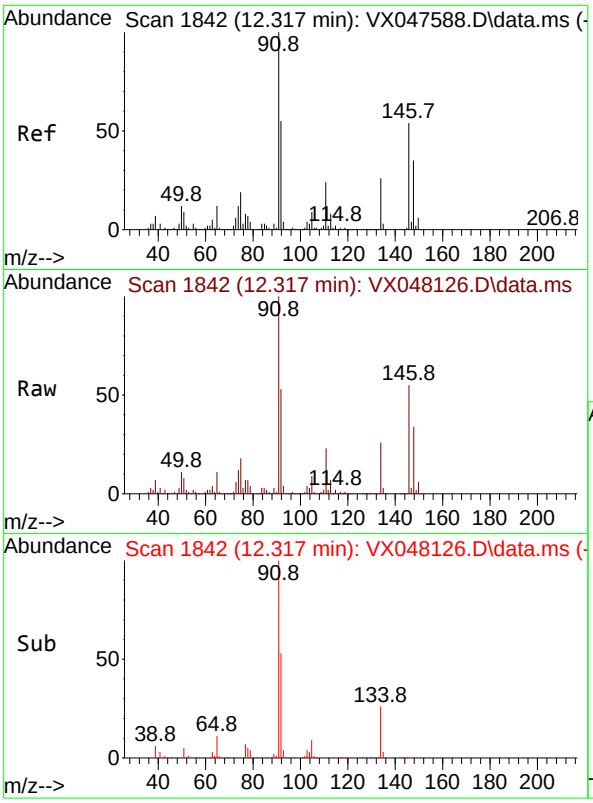


#90
Hexachloroethane
Concen: 57.956 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:117 Resp: 71735

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

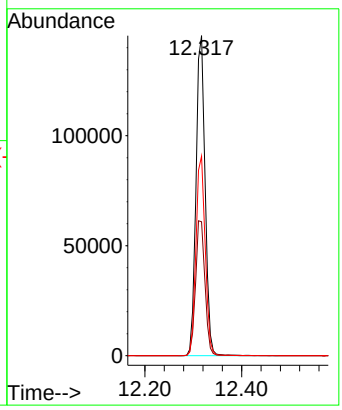




#91
1,2-Dichlorobenzene
Concen: 52.006 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:146 Resp: 18893

Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	63.4	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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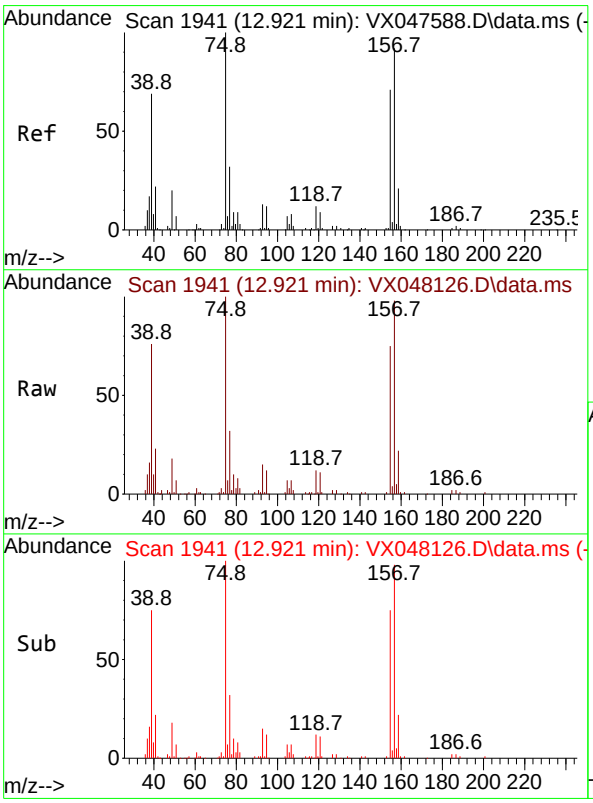
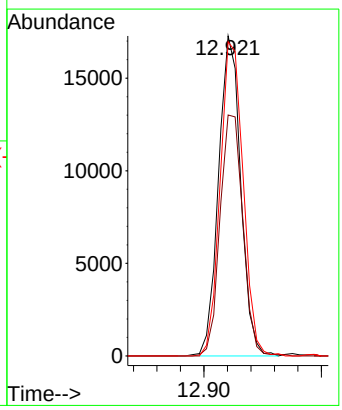
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

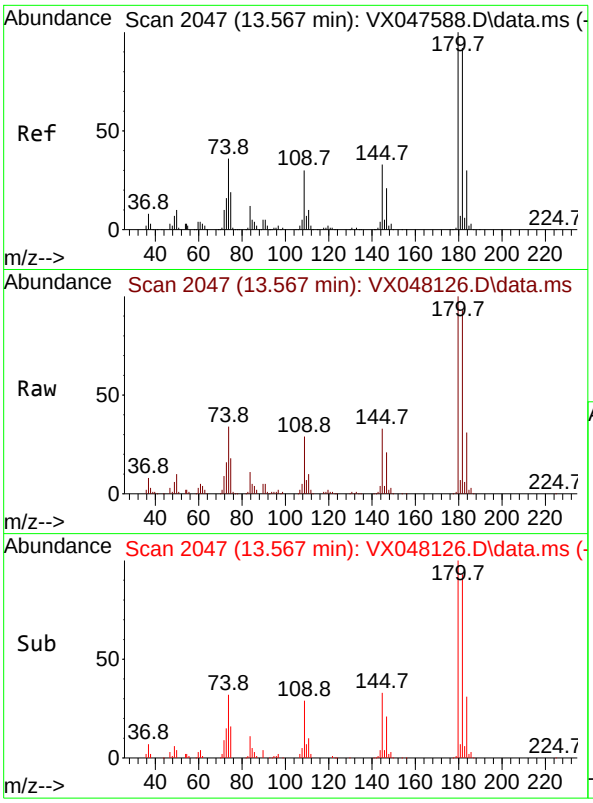


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.358 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 22649

Ion	Ratio	Lower	Upper
75	100		
155	77.7	37.7	113.1
157	101.7	49.8	149.4

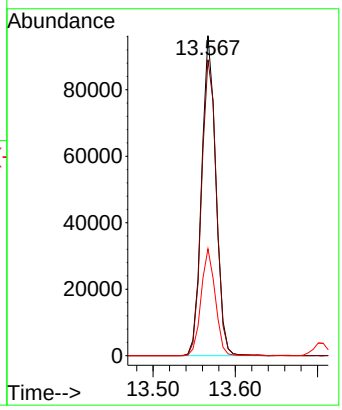




#93
1,2,4-Trichlorobenzene
Concen: 48.936 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:180 Resp: 11554

Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.6	139.8
145	33.2	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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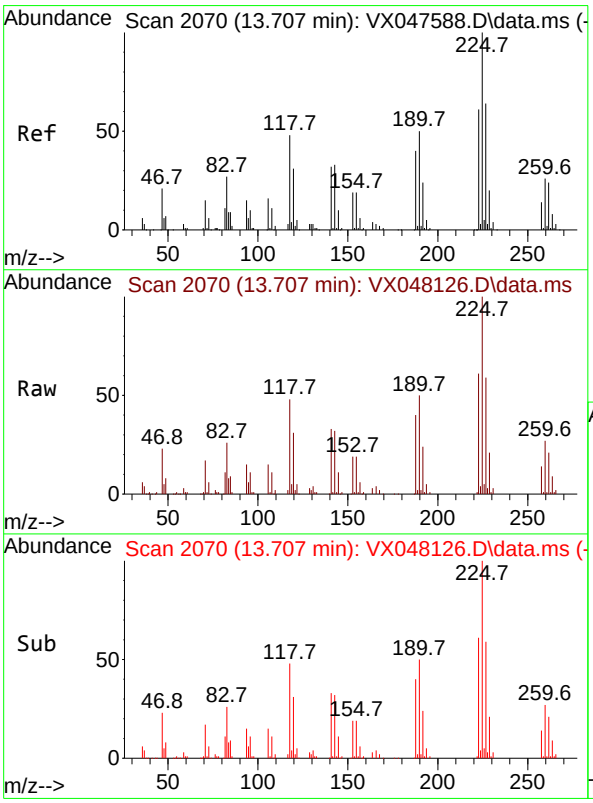
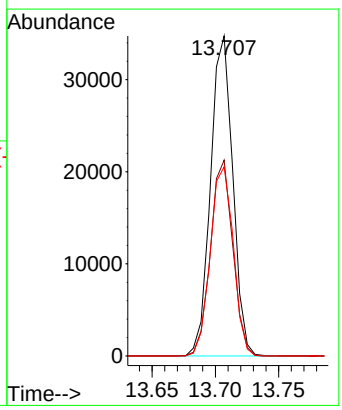
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

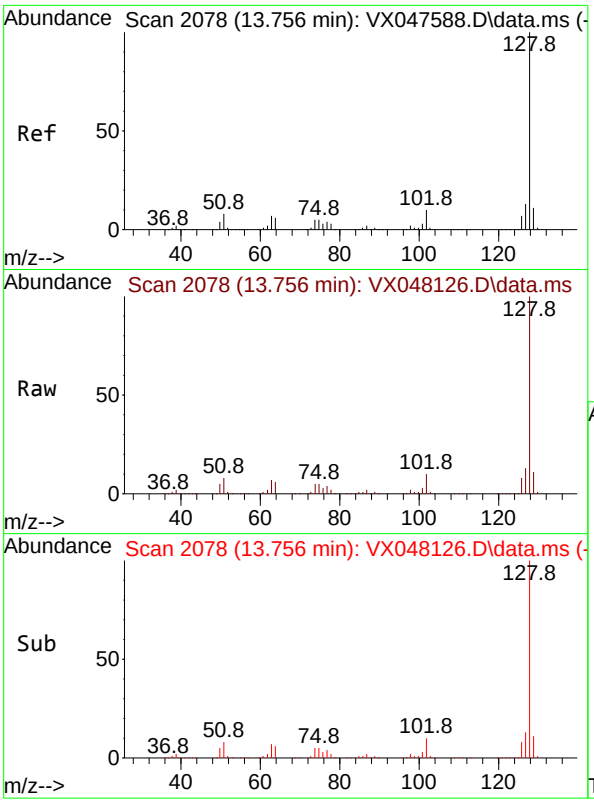


#94
Hexachlorobutadiene
Concen: 52.791 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:225 Resp: 42338

Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.7	95.1
227	61.2	32.0	96.0

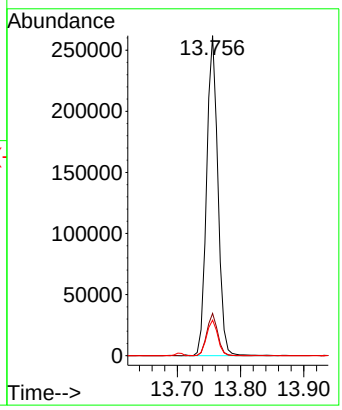




#95
Naphthalene
Concen: 45.067 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:128 Resp: 32402

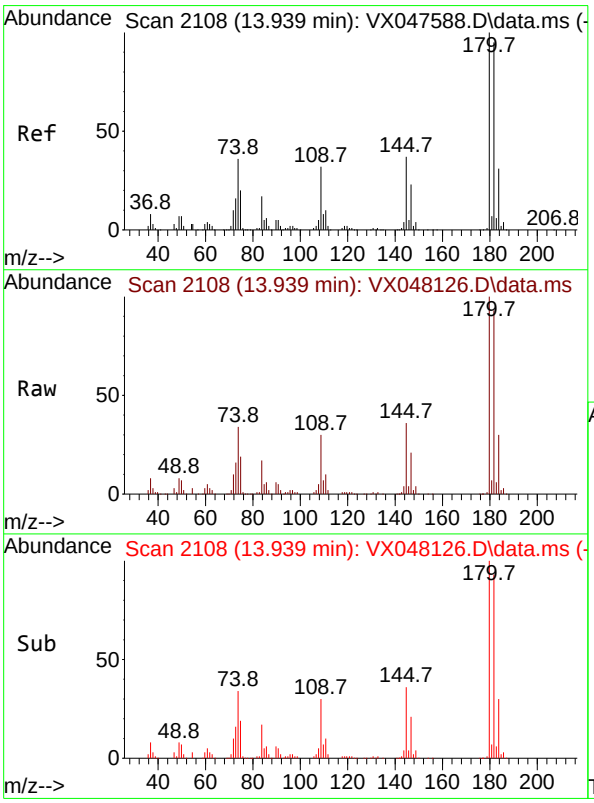
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

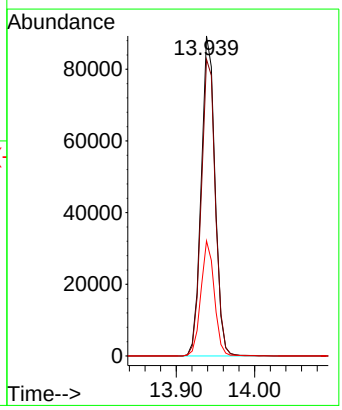
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.668 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:180 Resp: 109087

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	35.1	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	89	-0.02
2	T	Dichlorodifluoromethane	0.518	0.671	-29.5#	119	0.00
3	P	Chloromethane	0.680	0.785	-15.4	106	0.00
4	C	Vinyl Chloride	0.666	0.852	-27.9#	115	0.00
5	T	Bromomethane	0.422	0.549	-30.1#	115	0.00
6	T	Chloroethane	0.445	0.526	-18.2	106	0.00
7	T	Trichlorofluoromethane	0.989	1.276	-29.0#	114	0.00
8	T	Diethyl Ether	0.405	0.433	-6.9	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.719	-24.4	110	0.00
10	T	Methyl Iodide	0.902	0.838	7.1	82	0.00
11	T	Tert butyl alcohol	0.089	0.074	16.9	74	0.00
12	CM	1,1-Dichloroethene	0.594	0.704	-18.5#	104	0.00
13	T	Acrolein	0.082	0.089	-8.5	97	0.00
14	T	Allyl chloride	1.226	1.273	-3.8	94	0.00
15	T	Acrylonitrile	0.328	0.323	1.5	83	-0.01
16	T	Acetone	0.346	0.388	-12.1	109	0.00
17	T	Carbon Disulfide	1.626	2.125	-30.7#	121	0.00
18	T	Methyl Acetate	0.770	0.662	14.0	67	0.00
19	T	Methyl tert-butyl Ether	2.169	2.184	-0.7	86	0.00
20	T	Methylene Chloride	0.732	0.792	-8.2	97	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.737	-15.2	101	0.00
22	T	Diisopropyl ether	2.376	2.511	-5.7	90	-0.01
23	T	Vinyl Acetate	1.901	1.977	-4.0	88	0.00
24	P	1,1-Dichloroethane	1.263	1.374	-8.8	94	0.00
25	T	2-Butanone	0.432	0.420	2.8	85	-0.01
26	T	2,2-Dichloropropane	1.050	1.146	-9.1	95	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.834	-6.5	92	-0.01
28	T	Bromochloromethane	0.551	0.541	1.8	84	-0.01
29	T	Tetrahydrofuran	0.260	0.228	12.3	74	0.00
30	C	Chloroform	1.276	1.362	-6.7#	92	-0.01
31	T	Cyclohexane	1.052	1.154	-9.7	100	0.00
32	T	1,1,1-Trichloroethane	1.082	1.202	-11.1	95	-0.01
33	S	1,2-Dichloroethane-d4	0.796	0.792	0.5	91	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35	S	Dibromofluoromethane	0.335	0.370	-10.4	95	-0.01
36	T	1,1-Dichloropropene	0.490	0.553	-12.9	96	-0.01
37	T	Ethyl Acetate	0.525	0.489	6.9	78	-0.02
38	T	Carbon Tetrachloride	0.532	0.619	-16.4	97	-0.01
39	T	Methylcyclohexane	0.556	0.656	-18.0	98	0.00
40	TM	Benzene	1.488	1.660	-11.6	92	-0.01
41	T	Methacrylonitrile	0.271	0.278	-2.6	82	-0.01
42	TM	1,2-Dichloroethane	0.566	0.595	-5.1	86	-0.01
43	T	Isopropyl Acetate	0.860	0.795	7.6	75	-0.01
44	TM	Trichloroethene	0.360	0.401	-11.4	91	0.00
45	C	1,2-Dichloropropane	0.381	0.408	-7.1#	87	0.00
46	T	Dibromomethane	0.277	0.297	-7.2	87	0.00
47	T	Bromodichloromethane	0.572	0.627	-9.6	87	0.00
48	T	Methyl methacrylate	0.429	0.402	6.3	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	82	0.00
50	S	Toluene-d8	1.160	1.233	-6.3	91	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.439	8.0	73	-0.01
52	CM	Toluene	0.917	1.001	-9.2#	90	0.00
53	T	t-1,3-Dichloropropene	0.584	0.620	-6.2	85	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.679	-8.8	88	0.00
55	T	1,1,2-Trichloroethane	0.354	0.367	-3.7	84	0.00
56	T	Ethyl methacrylate	0.555	0.537	3.2	76	0.00
57	T	1,3-Dichloropropane	0.607	0.639	-5.3	85	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.259	-14.1	80	0.00
59	T	2-Hexanone	0.343	0.324	5.5	76	0.00
60	T	Dibromochloromethane	0.407	0.454	-11.5	88	0.00
61	T	1,2-Dibromoethane	0.360	0.377	-4.7	84	0.00
62	S	4-Bromofluorobenzene	0.440	0.456	-3.6	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64	T	Tetrachloroethene	0.326	0.378	-16.0	96	0.00
65	PM	Chlorobenzene	1.136	1.244	-9.5	87	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.433	-10.5	86	0.00
67	C	Ethyl Benzene	1.960	2.198	-12.1#	89	0.00
68	T	m/p-Xylenes	0.729	0.828	-13.6	89	0.00
69	T	o-Xylene	0.706	0.776	-9.9	86	0.00
70	T	Styrene	1.236	1.362	-10.2	87	0.00
71	P	Bromoform	0.293	0.319	-8.9	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73	T	Isopropylbenzene	3.801	4.167	-9.6	88	0.00
74	T	N-amyl acetate	1.733	1.581	8.8	73	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.117	2.9	78	0.00
76	T	1,2,3-Trichloropropane	1.012	0.912	9.9	69	0.00
77	T	Bromobenzene	0.936	0.977	-4.4	85	0.00
78	T	n-propylbenzene	4.494	4.933	-9.8	88	0.00
79	T	2-Chlorotoluene	2.752	2.939	-6.8	87	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.375	-8.1	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.369	7.1	76	0.00
82	T	4-Chlorotoluene	3.251	3.482	-7.1	87	0.00
83	T	tert-Butylbenzene	3.197	3.367	-5.3	86	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.411	-7.7	88	0.00
85	T	sec-Butylbenzene	3.797	4.105	-8.1	87	0.00
86	T	p-Isopropyltoluene	3.215	3.464	-7.7	87	0.00
87	T	1,3-Dichlorobenzene	1.739	1.803	-3.7	85	0.00
88	T	1,4-Dichlorobenzene	1.785	1.846	-3.4	87	0.00
89	T	n-Butylbenzene	2.975	3.214	-8.0	88	0.00
90	T	Hexachloroethane	0.564	0.654	-16.0	95	0.00
91	T	1,2-Dichlorobenzene	1.657	1.723	-4.0	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.207	11.2	70	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.054	2.1	78	0.00
94	T	Hexachlorobutadiene	0.366	0.386	-5.5	86	0.00
95	T	Naphthalene	3.279	2.955	9.9	72	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.995	0.7	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	89	-0.02
2	T	Dichlorodifluoromethane	50.000	64.782	-29.6#	119	0.00
3	P	Chloromethane	50.000	57.677	-15.4	106	0.00
4	C	Vinyl Chloride	50.000	63.944	-27.9#	115	0.00
5	T	Bromomethane	50.000	65.021	-30.0#	115	0.00
6	T	Chloroethane	50.000	59.077	-18.2	106	0.00
7	T	Trichlorofluoromethane	50.000	64.492	-29.0#	114	0.00
8	T	Diethyl Ether	50.000	53.511	-7.0	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	62.189	-24.4	110	0.00
10	T	Methyl Iodide	50.000	46.479	7.0	82	0.00
11	T	Tert butyl alcohol	250.000	208.211	16.7	74	0.00
12	CM	1,1-Dichloroethene	50.000	59.251	-18.5#	104	0.00
13	T	Acrolein	250.000	272.102	-8.8	97	0.00
14	T	Allyl chloride	50.000	51.934	-3.9	94	0.00
15	T	Acrylonitrile	250.000	245.639	1.7	83	-0.01
16	T	Acetone	250.000	280.657	-12.3	109	0.00
17	T	Carbon Disulfide	50.000	65.341	-30.7#	121	0.00
18	T	Methyl Acetate	50.000	42.977	14.0	67	0.00
19	T	Methyl tert-butyl Ether	50.000	50.353	-0.7	86	0.00
20	T	Methylene Chloride	50.000	54.092	-8.2	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.586	-15.2	101	0.00
22	T	Diisopropyl ether	50.000	52.853	-5.7	90	-0.01
23	T	Vinyl Acetate	250.000	259.984	-4.0	88	0.00
24	P	1,1-Dichloroethane	50.000	54.414	-8.8	94	0.00
25	T	2-Butanone	250.000	243.044	2.8	85	-0.01
26	T	2,2-Dichloropropane	50.000	54.594	-9.2	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.263	-6.5	92	-0.01
28	T	Bromochloromethane	50.000	49.106	1.8	84	-0.01
29	T	Tetrahydrofuran	250.000	219.136	12.3	74	0.00
30	C	Chloroform	50.000	53.388	-6.8#	92	-0.01
31	T	Cyclohexane	50.000	54.883	-9.8	100	0.00
32	T	1,1,1-Trichloroethane	50.000	55.516	-11.0	95	-0.01
33	S	1,2-Dichloroethane-d4	50.000	49.784	0.4	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	55.205	-10.4	95	-0.01
36	T	1,1-Dichloropropene	50.000	56.468	-12.9	96	-0.01
37	T	Ethyl Acetate	50.000	46.586	6.8	78	-0.02
38	T	Carbon Tetrachloride	50.000	58.100	-16.2	97	-0.01
39	T	Methylcyclohexane	50.000	59.013	-18.0	98	0.00
40	TM	Benzene	50.000	55.778	-11.6	92	-0.01
41	T	Methacrylonitrile	50.000	51.306	-2.6	82	-0.01
42	TM	1,2-Dichloroethane	50.000	52.496	-5.0	86	-0.01
43	T	Isopropyl Acetate	50.000	46.211	7.6	75	-0.01
44	TM	Trichloroethene	50.000	55.775	-11.5	91	0.00
45	C	1,2-Dichloropropane	50.000	53.550	-7.1#	87	0.00
46	T	Dibromomethane	50.000	53.485	-7.0	87	0.00
47	T	Bromodichloromethane	50.000	54.741	-9.5	87	0.00
48	T	Methyl methacrylate	50.000	46.937	6.1	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1072.749	-7.3	82	0.00
50	S	Toluene-d8	50.000	53.153	-6.3	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	230.231	7.9	73	-0.01
52	CM	Toluene	50.000	54.605	-9.2#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	53.099	-6.2	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.388	-8.8	88	0.00
55	T	1,1,2-Trichloroethane	50.000	51.931	-3.9	84	0.00
56	T	Ethyl methacrylate	50.000	48.333	3.3	76	0.00
57	T	1,3-Dichloropropane	50.000	52.630	-5.3	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	244.822	2.1	80	0.00
59	T	2-Hexanone	250.000	236.180	5.5	76	0.00
60	T	Dibromochloromethane	50.000	55.685	-11.4	88	0.00
61	T	1,2-Dibromoethane	50.000	52.384	-4.8	84	0.00
62	S	4-Bromofluorobenzene	50.000	51.831	-3.7	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	57.942	-15.9	96	0.00
65	PM	Chlorobenzene	50.000	54.737	-9.5	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.224	-10.4	86	0.00
67	C	Ethyl Benzene	50.000	56.073	-12.1#	89	0.00
68	T	m/p-Xylenes	100.000	113.483	-13.5	89	0.00
69	T	o-Xylene	50.000	55.023	-10.0	86	0.00
70	T	Styrene	50.000	55.065	-10.1	87	0.00
71	P	Bromoform	50.000	54.505	-9.0	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	54.807	-9.6	88	0.00
74	T	N-amyl acetate	50.000	45.597	8.8	73	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.544	2.9	78	0.00
76	T	1,2,3-Trichloropropane	50.000	45.055	9.9	69	0.00
77	T	Bromobenzene	50.000	52.152	-4.3	85	0.00
78	T	n-propylbenzene	50.000	54.892	-9.8	88	0.00
79	T	2-Chlorotoluene	50.000	53.398	-6.8	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.031	-8.1	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.443	7.1	76	0.00
82	T	4-Chlorotoluene	50.000	53.556	-7.1	87	0.00
83	T	tert-Butylbenzene	50.000	52.654	-5.3	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.862	-7.7	88	0.00
85	T	sec-Butylbenzene	50.000	54.048	-8.1	87	0.00
86	T	p-Isopropyltoluene	50.000	53.872	-7.7	87	0.00
87	T	1,3-Dichlorobenzene	50.000	51.849	-3.7	85	0.00
88	T	1,4-Dichlorobenzene	50.000	51.725	-3.5	87	0.00
89	T	n-Butylbenzene	50.000	54.020	-8.0	88	0.00
90	T	Hexachloroethane	50.000	57.956	-15.9	95	0.00
91	T	1,2-Dichlorobenzene	50.000	52.006	-4.0	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.358	11.3	70	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.936	2.1	78	0.00
94	T	Hexachlorobutadiene	50.000	52.791	-5.6	86	0.00
95	T	Naphthalene	50.000	45.067	9.9	72	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048126.D
Acq On : 13 Oct 2025 08:55
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.668	0.7	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG No.: Q3311

Instrument ID: MSVOA_X | Calibration Date/Time: 10/14/2025 10:02

Lab File ID: VX048153.D | Init. Calib. Date(s): 09/16/2025 09/16/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 09:23 12:01

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.518	0.667		28.76	20
Chloromethane	0.680	0.757	0.1	11.32	20
Vinyl Chloride	0.666	0.847		27.18	20
Bromomethane	0.422	0.520		23.22	20
Chloroethane	0.445	0.518		16.4	20
Trichlorofluoromethane	0.989	1.294		30.84	20
1,1,2-Trichlorotrifluoroethane	0.578	0.719		24.39	20
1,1-Dichloroethene	0.594	0.702		18.18	20
Acetone	0.346	0.318		-8.09	20
Carbon Disulfide	1.626	2.086		28.29	20
Methyl tert-butyl Ether	2.169	2.175		0.28	20
Methyl Acetate	0.770	0.685		-11.04	20
Methylene Chloride	0.732	0.779		6.42	20
trans-1,2-Dichloroethene	0.640	0.738		15.31	20
1,1-Dichloroethane	1.263	1.365	0.1	8.08	20
Cyclohexane	1.052	1.169		11.12	20
2-Butanone	0.432	0.397		-8.1	20
Carbon Tetrachloride	0.532	0.645		21.24	20
cis-1,2-Dichloroethene	0.783	0.834		6.51	20
Bromochloromethane	0.551	0.528		-4.17	20
Chloroform	1.276	1.395		9.33	20
1,1,1-Trichloroethane	1.082	1.227		13.4	20
Methylcyclohexane	0.556	0.660		18.7	20
Benzene	1.488	1.679		12.84	20
1,2-Dichloroethane	0.566	0.618		9.19	20
Trichloroethene	0.360	0.415		15.28	20
1,2-Dichloropropane	0.381	0.420		10.24	20
Bromodichloromethane	0.572	0.658		15.03	20
4-Methyl-2-Pentanone	0.477	0.470		-1.47	20
Toluene	0.917	1.028		12.1	20
t-1,3-Dichloropropene	0.584	0.626		7.19	20
cis-1,3-Dichloropropene	0.624	0.683		9.45	20
1,1,2-Trichloroethane	0.354	0.381		7.63	20
2-Hexanone	0.343	0.327		-4.66	20
Dibromochloromethane	0.407	0.473		16.22	20
1,2-Dibromoethane	0.360	0.394		9.44	20
Tetrachloroethene	0.326	0.383		17.49	20
Chlorobenzene	1.136	1.236	0.3	8.8	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG No.: Q3311
Instrument ID: MSVOA_X
Calibration Date/Time: 10/14/2025 10:02
Lab File ID: VX048153.D
Init. Calib. Date(s): 09/16/2025 09/16/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 09:23 12:01
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.960	2.162		10.31	20
m/p-Xylenes	0.729	0.814		11.66	20
o-Xylene	0.706	0.754		6.8	20
Styrene	1.236	1.320		6.8	20
Bromoform	0.293	0.316	0.1	7.85	20
Isopropylbenzene	3.801	3.991		5	20
1,1,2,2-Tetrachloroethane	1.150	1.134	0.3	-1.39	20
1,3-Dichlorobenzene	1.739	1.779		2.3	20
1,4-Dichlorobenzene	1.785	1.799		0.78	20
1,2-Dichlorobenzene	1.657	1.679		1.33	20
1,2-Dibromo-3-Chloropropane	0.233	0.210		-9.87	20
1,2,4-Trichlorobenzene	1.077	1.027		-4.64	20
1,2,3-Trichlorobenzene	1.002	0.966		-3.59	20
1,2-Dichloroethane-d4	0.796	0.845		6.16	20
Dibromofluoromethane	0.335	0.391		16.72	20
Toluene-d8	1.160	1.287		10.95	20
4-Bromofluorobenzene	0.440	0.491		11.59	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	124958	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	212282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	195629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	95000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105555	53.069	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.140%			
35) Dibromofluoromethane	5.367	113	83107	58.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.740%			
50) Toluene-d8	8.634	98	273280	55.475	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.940%			
62) 4-Bromofluorobenzene	11.061	95	104295	55.785	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	83323	64.394	ug/l	99
3) Chloromethane	1.300	50	94592	55.622	ug/l	99
4) Vinyl Chloride	1.380	62	105820	63.566	ug/l	99
5) Bromomethane	1.611	94	64973	61.550	ug/l	99
6) Chloroethane	1.691	64	64713	58.162	ug/l	97
7) Trichlorofluoromethane	1.892	101	161648	65.398	ug/l	97
8) Diethyl Ether	2.136	74	53778	53.186	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	89852	62.168	ug/l	99
10) Methyl Iodide	2.453	142	99997	44.362	ug/l	98
11) Tert butyl alcohol	2.940	59	47281	213.436	ug/l	98
12) 1,1-Dichloroethene	2.325	96	87694	59.068	ug/l	93
13) Acrolein	2.233	56	56174	275.177	ug/l	99
14) Allyl chloride	2.666	41	155995	50.919	ug/l	99
15) Acrylonitrile	3.056	53	208181	253.713	ug/l	99
16) Acetone	2.373	43	198490	229.513	ug/l	98
17) Carbon Disulfide	2.514	76	260707	64.145	ug/l	98
18) Methyl Acetate	2.697	43	85646	44.499	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	271738	50.140	ug/l	100
20) Methylene Chloride	2.788	84	97302	53.153	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	92192	57.678	ug/l	97
22) Diisopropyl ether	3.745	45	312969	52.712	ug/l	89
23) Vinyl Acetate	3.709	43	1187970	249.999	ug/l	100
24) 1,1-Dichloroethane	3.599	63	170542	54.042	ug/l	100
25) 2-Butanone	4.532	43	247988	229.881	ug/l	99
26) 2,2-Dichloropropane	4.465	77	139256	53.086	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	104261	53.263	ug/l	99
28) Bromochloromethane	4.879	49	66003	47.909	ug/l	99
29) Tetrahydrofuran	4.983	42	152425	234.875	ug/l	99
30) Chloroform	5.074	83	174306	54.659	ug/l	97
31) Cyclohexane	5.452	56	146119	55.594	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	153370	56.700	ug/l	98
36) 1,1-Dichloropropene	5.672	75	117898	56.673	ug/l	99
37) Ethyl Acetate	4.690	43	106836	47.964	ug/l	99
38) Carbon Tetrachloride	5.659	117	136874	60.555	ug/l	97
39) Methylcyclohexane	7.366	83	140080	59.319	ug/l	96
40) Benzene	6.019	78	356505	56.422	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	59489	51.733	ug/l		98
42) 1,2-Dichloroethane	6.068	62	131107	54.535	ug/l		99
43) Isopropyl Acetate	6.318	43	171708	47.003	ug/l		100
44) Trichloroethene	7.104	130	88141	57.700	ug/l		93
45) 1,2-Dichloropropane	7.409	63	89187	55.124	ug/l		98
46) Dibromomethane	7.562	93	64264	54.583	ug/l		98
47) Bromodichloromethane	7.799	83	139683	57.493	ug/l		98
48) Methyl methacrylate	7.671	41	87675	48.182	ug/l		96
49) 1,4-Dioxane	7.641	88	19859	1079.897	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	499181	246.453	ug/l		99
52) Toluene	8.702	92	218251	56.065	ug/l		99
53) t-1,3-Dichloropropene	8.958	75	132903	53.629	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	145065	54.766	ug/l		98
55) 1,1,2-Trichloroethane	9.134	97	80937	53.920	ug/l		99
56) Ethyl methacrylate	9.098	69	117815	49.978	ug/l		98
57) 1,3-Dichloropropane	9.293	76	141969	55.058	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	288271	255.570	ug/l		100
59) 2-Hexanone	9.415	43	347109	238.613	ug/l		99
60) Dibromochloromethane	9.500	129	100375	58.035	ug/l		98
61) 1,2-Dibromoethane	9.592	107	83730	54.765	ug/l		100
64) Tetrachloroethene	9.256	164	74940	58.763	ug/l		98
65) Chlorobenzene	10.061	112	241798	54.406	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	86732	56.554	ug/l		100
67) Ethyl Benzene	10.177	91	423004	55.162	ug/l		100
68) m/p-Xylenes	10.281	106	318453	111.573	ug/l		99
69) o-Xylene	10.622	106	147504	53.430	ug/l		98
70) Styrene	10.640	104	258201	53.377	ug/l		99
71) Bromoform	10.780	173	61853	54.014	ug/l	#	98
73) Isopropylbenzene	10.945	105	379155	52.496	ug/l		99
74) N-amyl acetate	10.823	43	150652	45.741	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	107774	49.321	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	97890m	50.893	ug/l		
77) Bromobenzene	11.183	156	91421	51.393	ug/l		96
78) n-propylbenzene	11.286	91	457693	53.607	ug/l		100
79) 2-Chlorotoluene	11.347	91	269324	51.503	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	312991	52.746	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	35151	46.604	ug/l		98
82) 4-Chlorotoluene	11.433	91	319730	51.769	ug/l		99
83) tert-Butylbenzene	11.695	119	302438	49.789	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	314796	52.326	ug/l		99
85) sec-Butylbenzene	11.872	105	379931	52.657	ug/l		100
86) p-Isopropyltoluene	11.988	119	318657	52.167	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	169017	51.154	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	170864	50.386	ug/l		100
89) n-Butylbenzene	12.311	91	293985	52.013	ug/l		98
90) Hexachloroethane	12.518	117	61342	57.198	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	159552	50.687	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	19922	45.030	ug/l		96
93) 1,2,4-Trichlorobenzene	13.567	180	97532	47.675	ug/l		99
94) Hexachlorobutadiene	13.707	225	34324	49.395	ug/l		99
95) Naphthalene	13.756	128	283930	45.578	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	91741	48.208	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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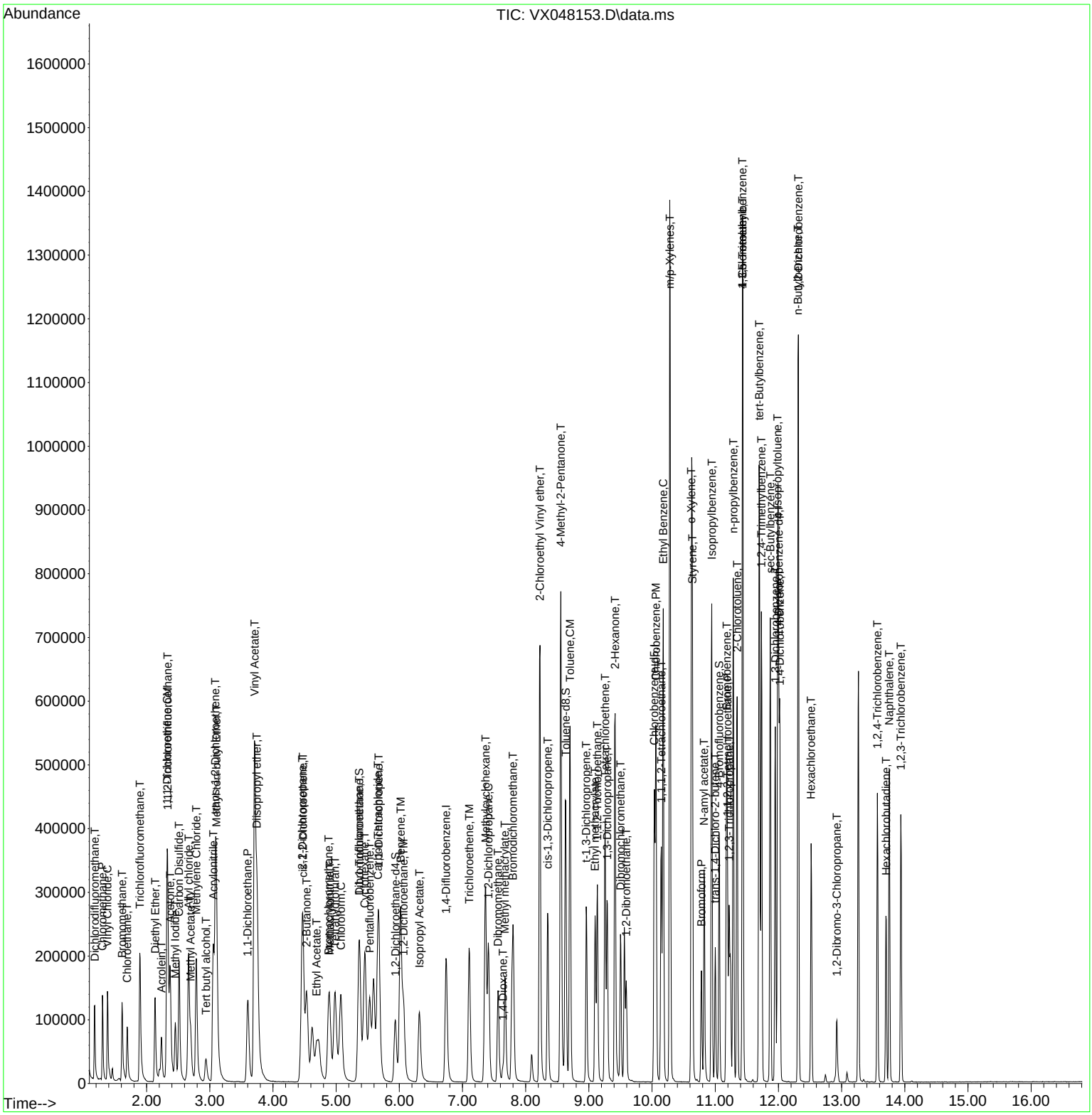
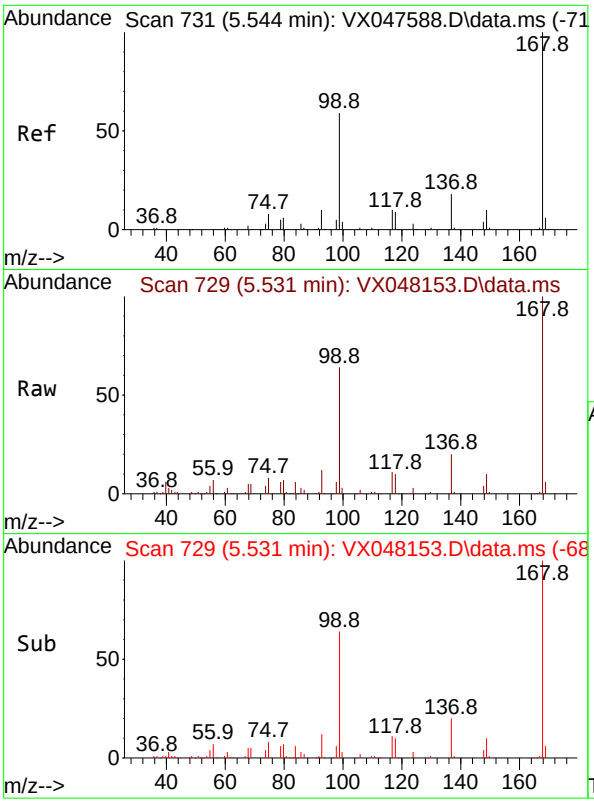
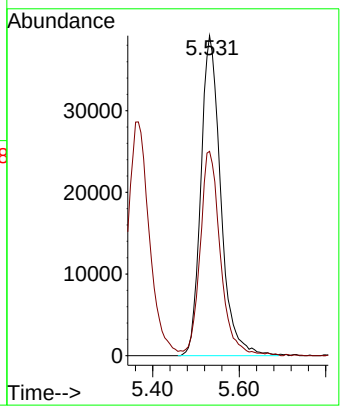




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:168 Resp: 12495

Ion	Ratio	Lower	Upper
168	100		
99	63.6	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
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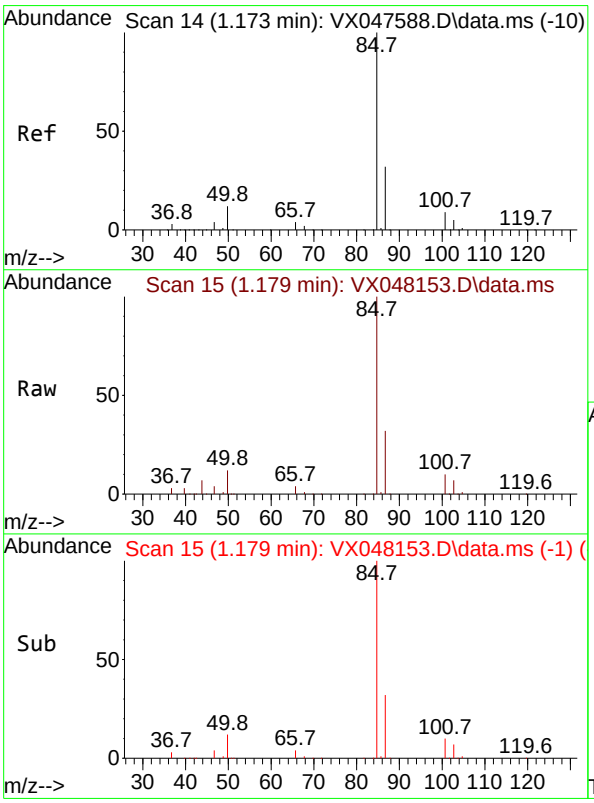
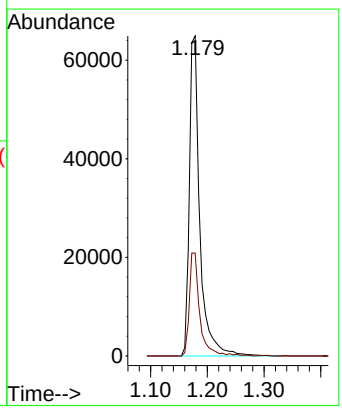
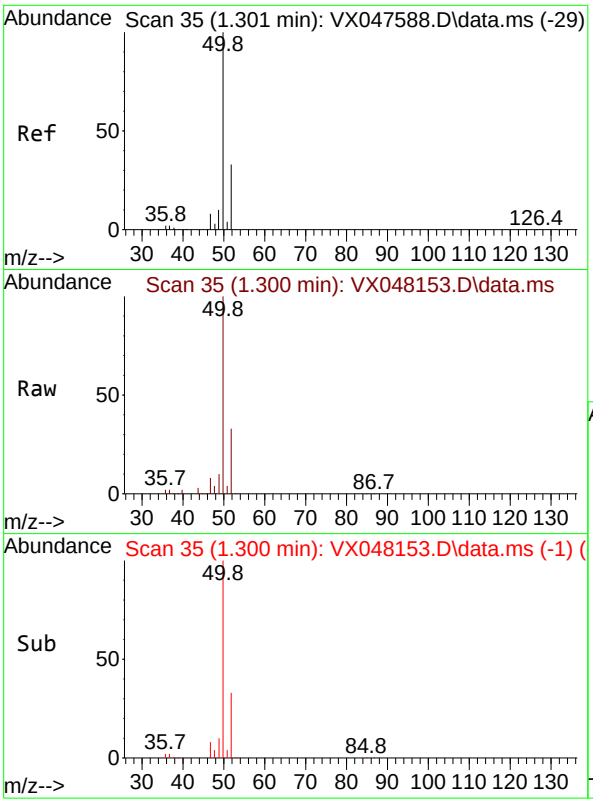


#2
Dichlorodifluoromethane
Concen: 64.394 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 85 Resp: 83323

Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.8	47.3

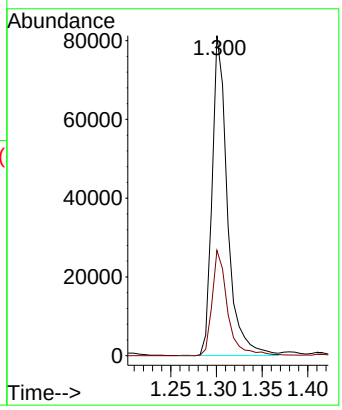




#3
Chloromethane
Concen: 55.622 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 50 Resp: 9459

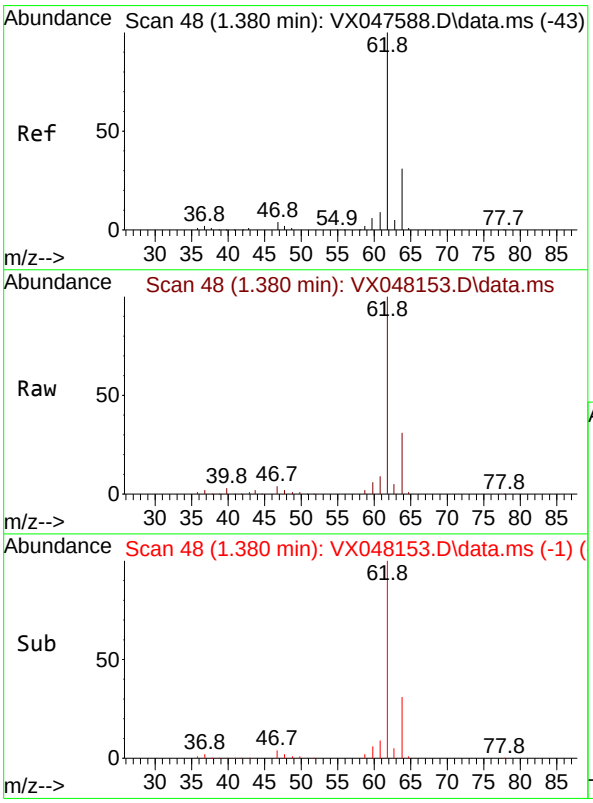
Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

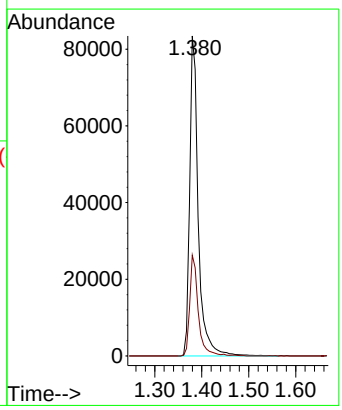
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

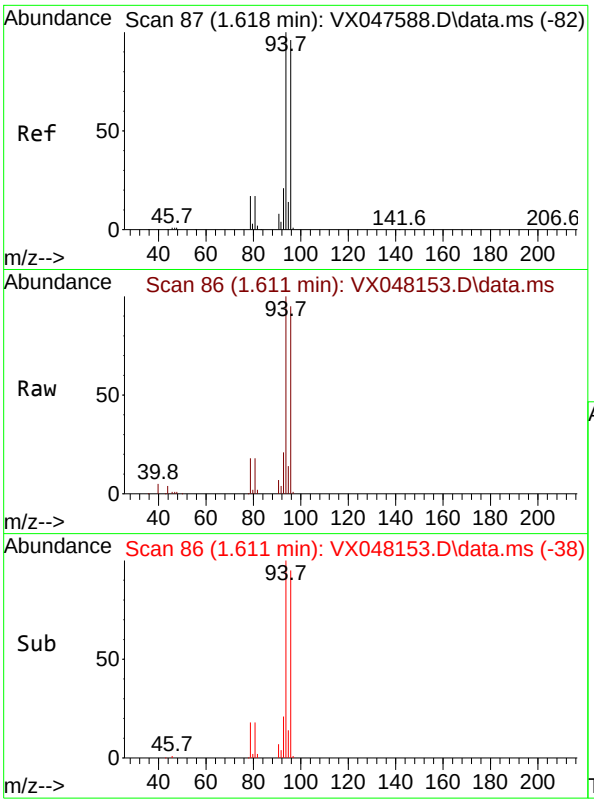


#4
Vinyl Chloride
Concen: 63.566 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 62 Resp: 105820

Ion	Ratio	Lower	Upper
62	100		
64	31.5	24.9	37.3

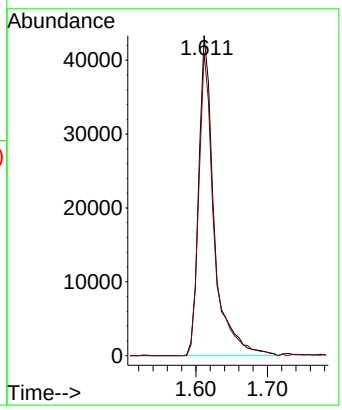




#5
Bromomethane
Concen: 61.550 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 94 Resp: 6497

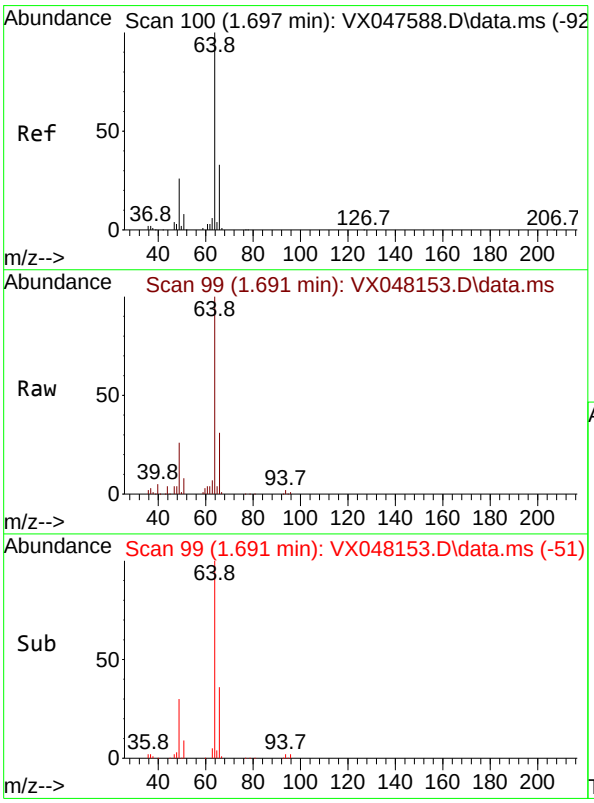
Ion	Ratio	Lower	Upper
94	100		
96	94.7	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

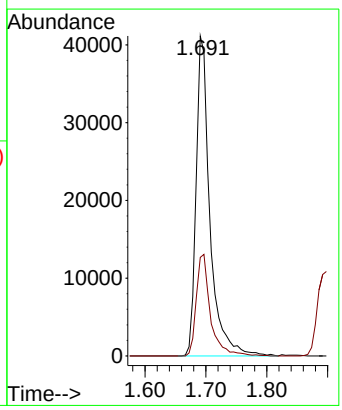
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

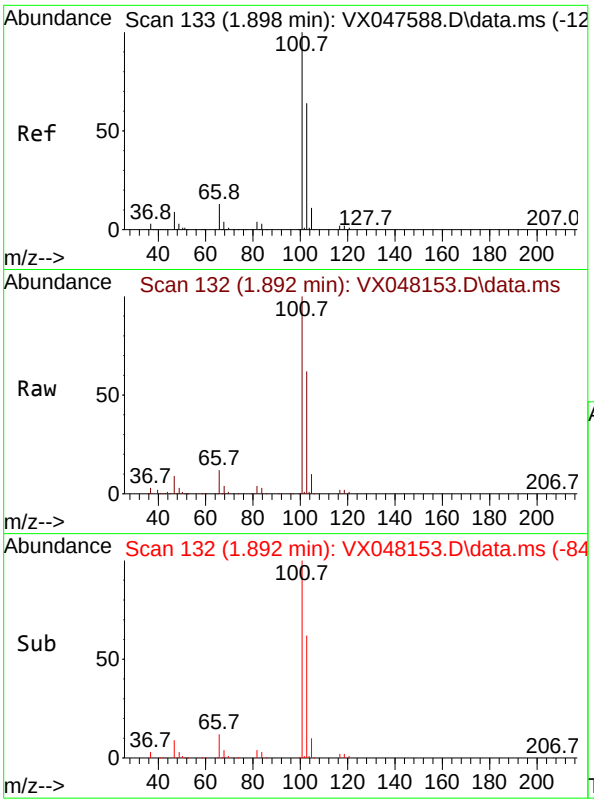


#6
Chloroethane
Concen: 58.162 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 64 Resp: 64713

Ion	Ratio	Lower	Upper
64	100		
66	30.8	26.1	39.1

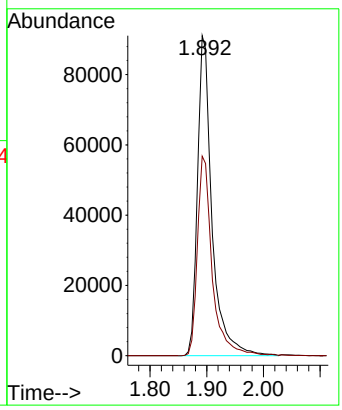




#7
Trichlorofluoromethane
Concen: 65.398 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:101 Resp: 16164

Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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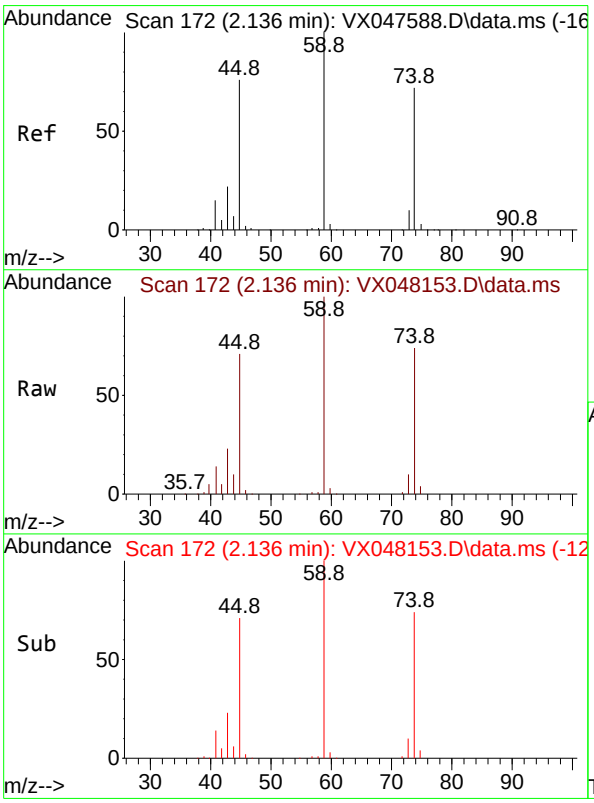
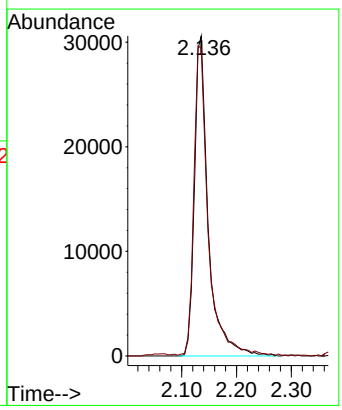
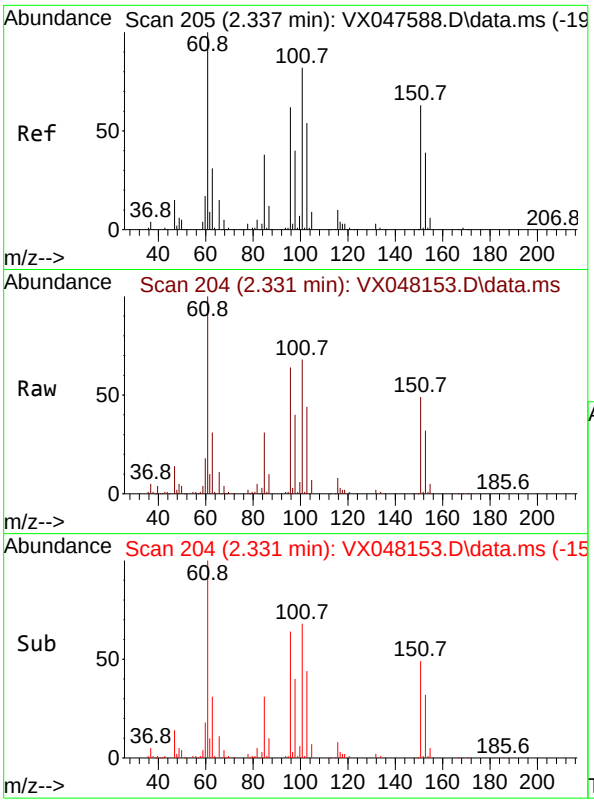


#8
Diethyl Ether
Concen: 53.186 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 74 Resp: 53778

Ion	Ratio	Lower	Upper
74	100		
45	100.9	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.168 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:101 Resp: 8985

Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.5	53.3
151	73.7	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
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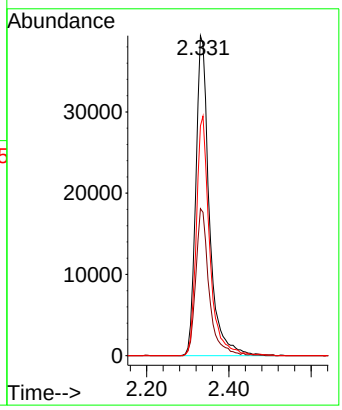
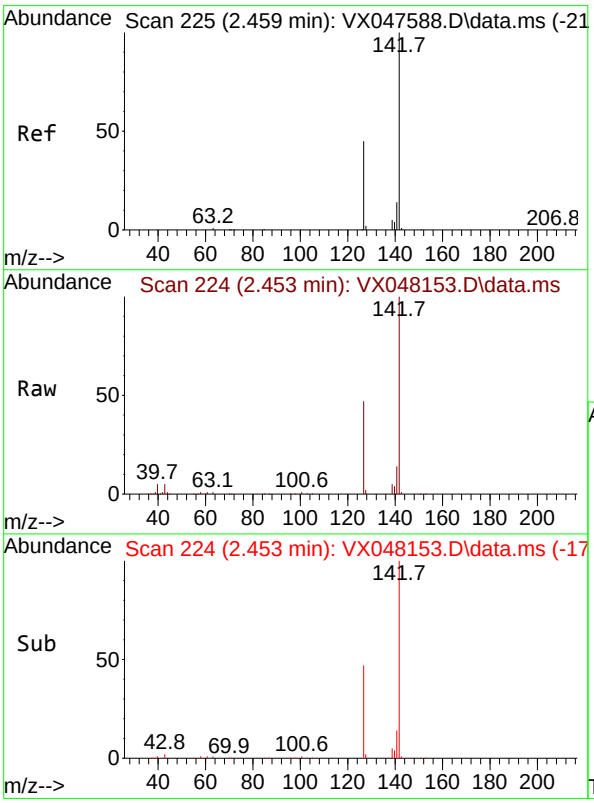
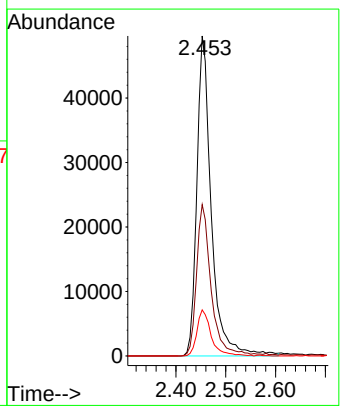


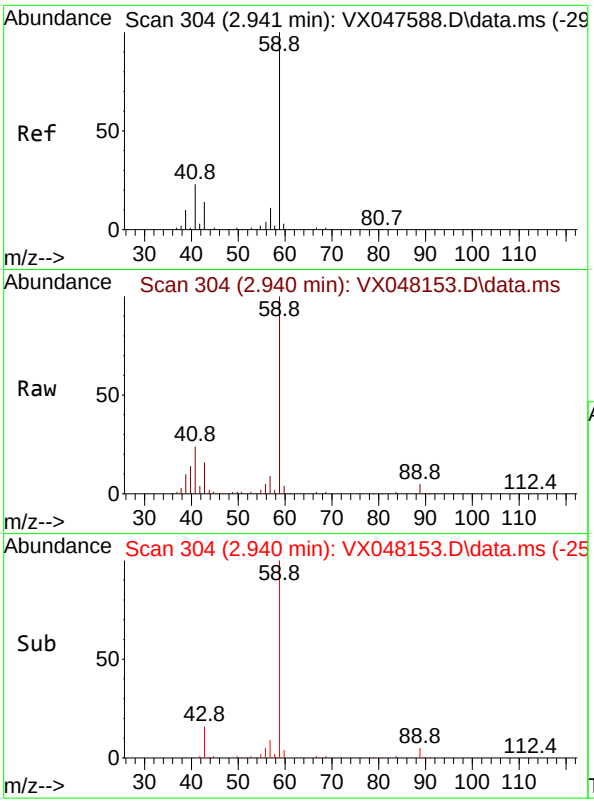


#10
Methyl Iodide
Concen: 44.362 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:142 Resp: 99997

Ion	Ratio	Lower	Upper
142	100		
127	47.9	37.2	55.8
141	14.2	11.4	17.0

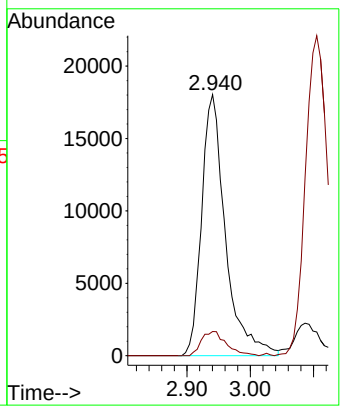




#11
Tert butyl alcohol
Concen: 213.436 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 59 Resp: 4728

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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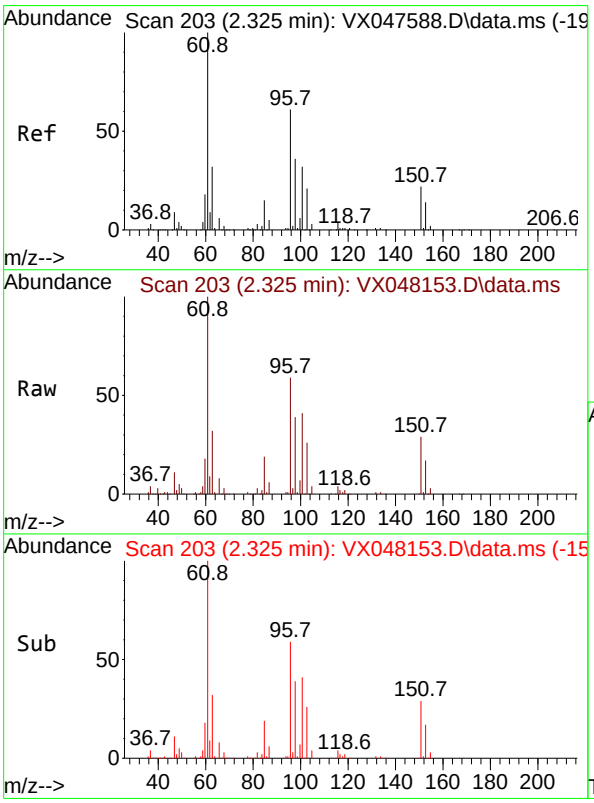
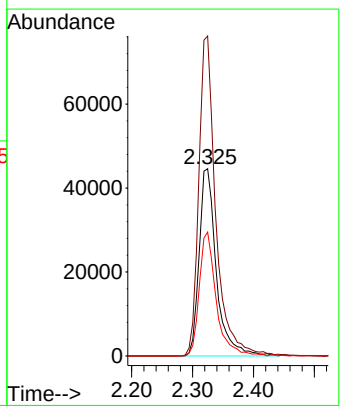
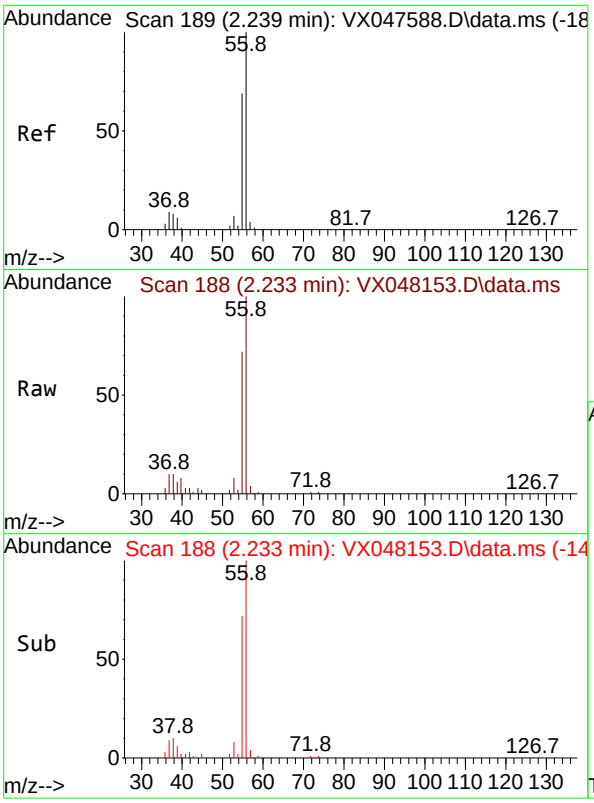


#12
1,1-Dichloroethene
Concen: 59.068 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 96 Resp: 87694

Ion	Ratio	Lower	Upper
96	100		
61	170.9	131.0	196.6
98	68.0	47.7	71.5

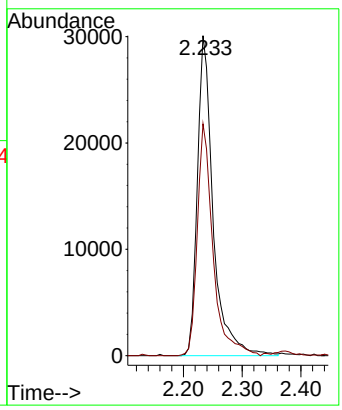




#13
Acrolein
Concen: 275.177 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 56 Resp: 5617

Ion	Ratio	Lower	Upper
56	100		
55	72.1	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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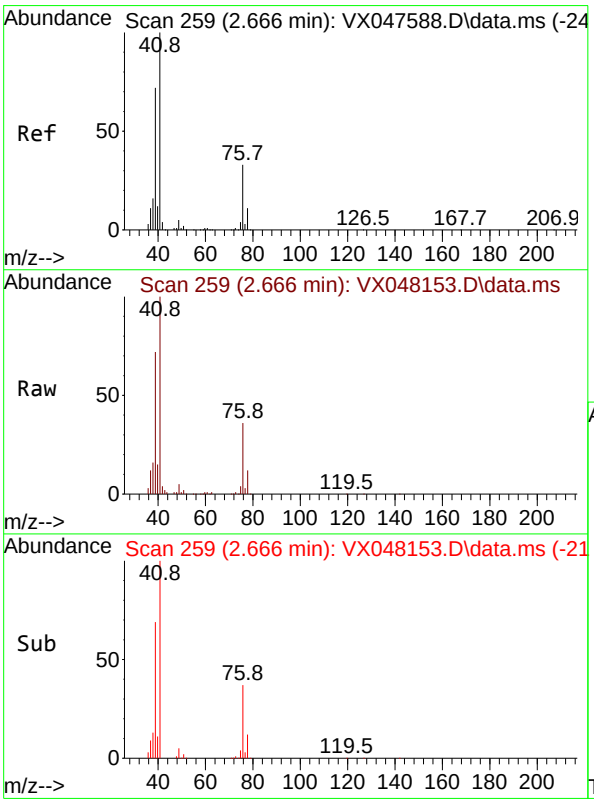
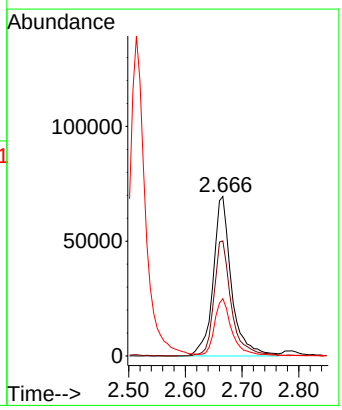
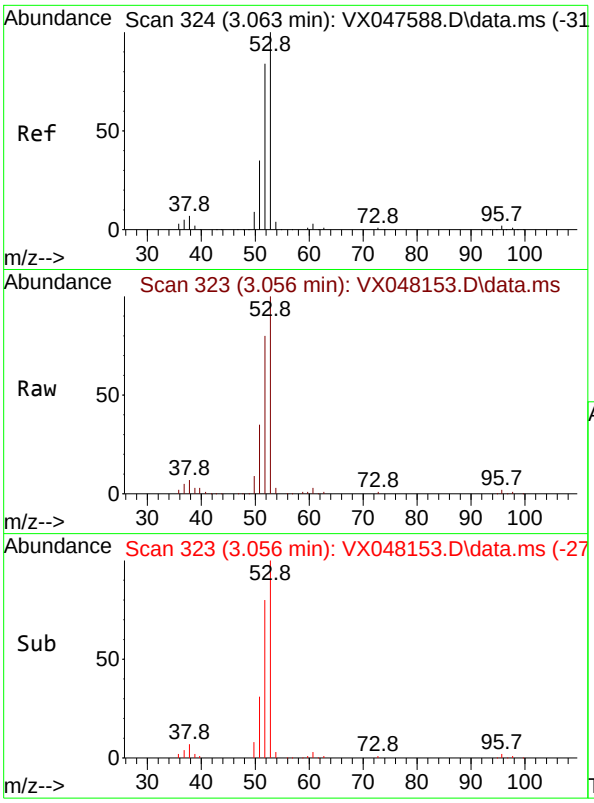


#14
Allyl chloride
Concen: 50.919 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 41 Resp: 155995

Ion	Ratio	Lower	Upper
41	100		
39	68.4	54.7	82.1
76	33.6	25.7	38.5

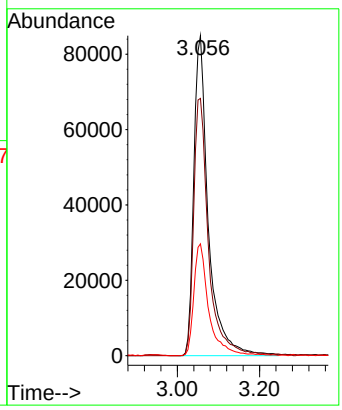




#15
Acrylonitrile
Concen: 253.713 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 53 Resp: 20818

Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.4	99.6
51	36.3	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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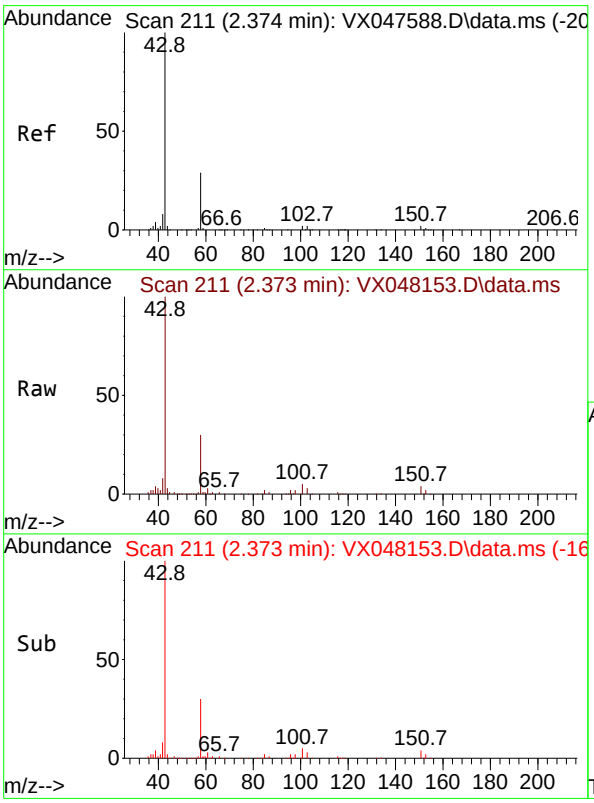
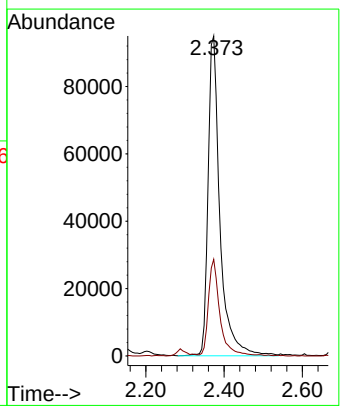
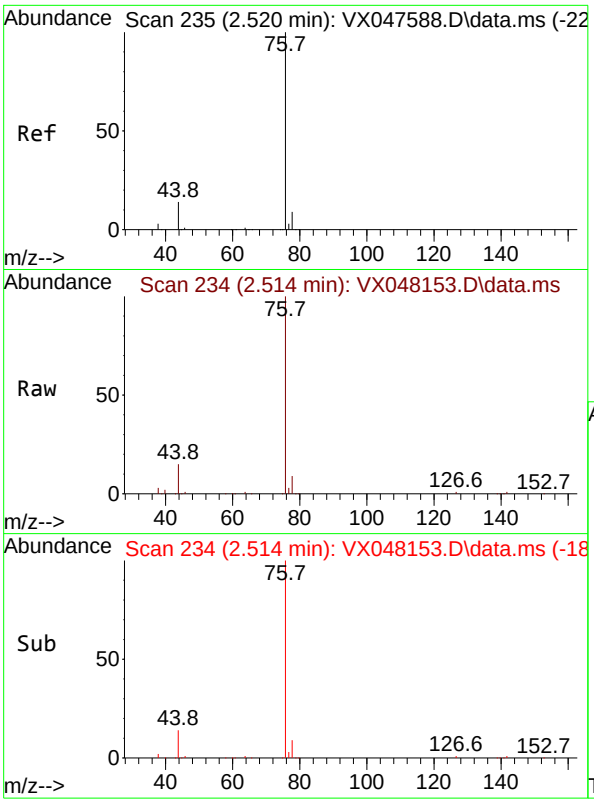


#16
Acetone
Concen: 229.513 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 43 Resp: 198490

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0





#17
Carbon Disulfide
Concen: 64.145 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 76 Resp: 26070

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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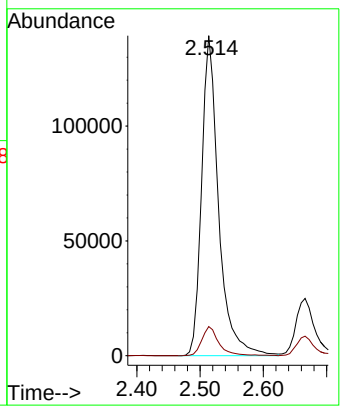
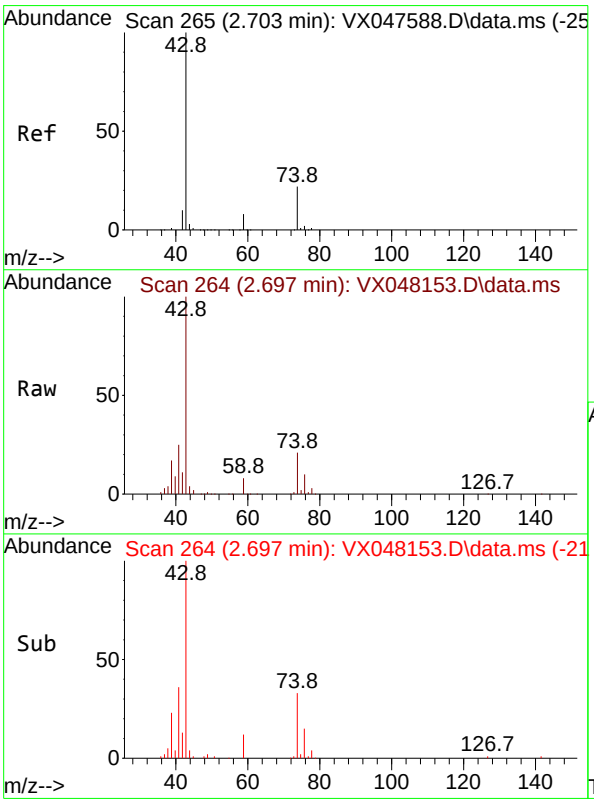
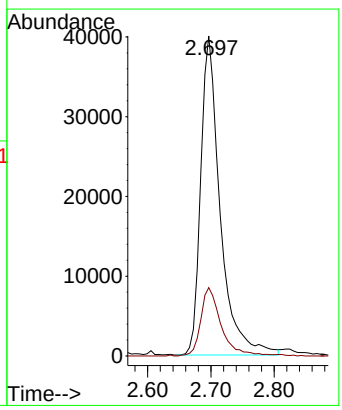


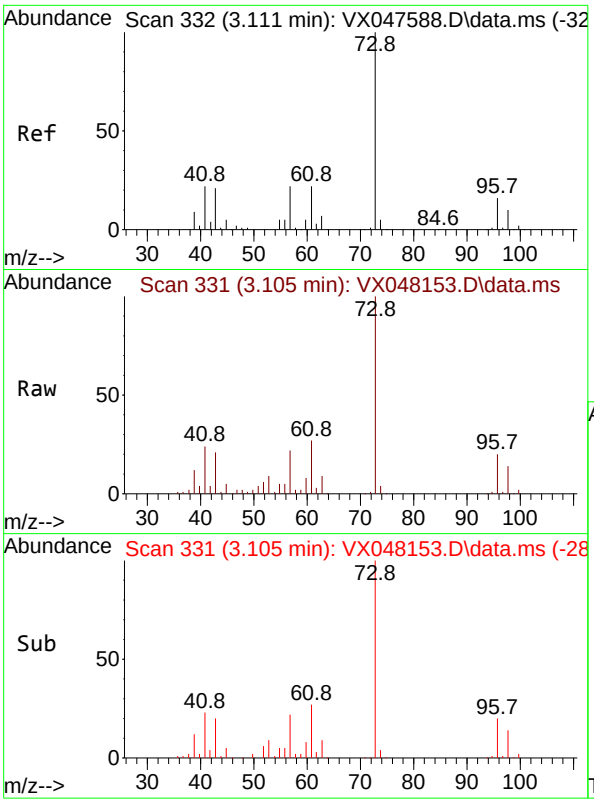


#18
Methyl Acetate
Concen: 44.499 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 43 Resp: 85646

Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.4	26.2

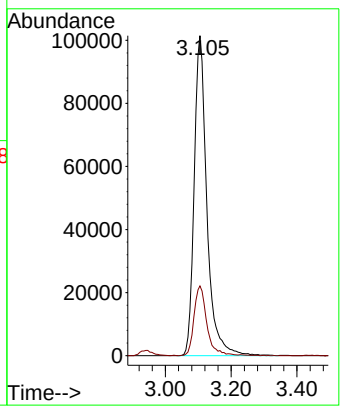




#19
Methyl tert-butyl Ether
Concen: 50.140 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 73 Resp: 27173

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2



Instrument :
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ClientSampleId :
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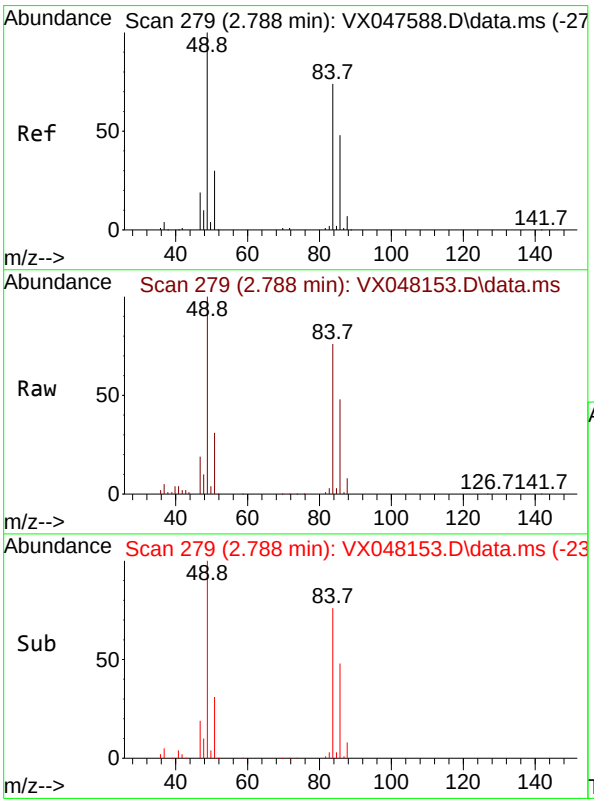
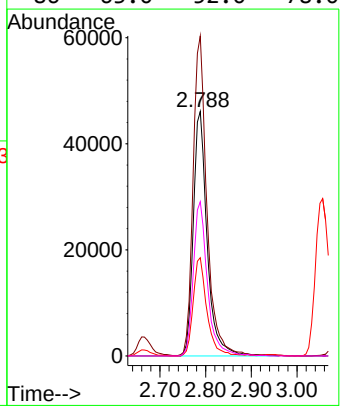
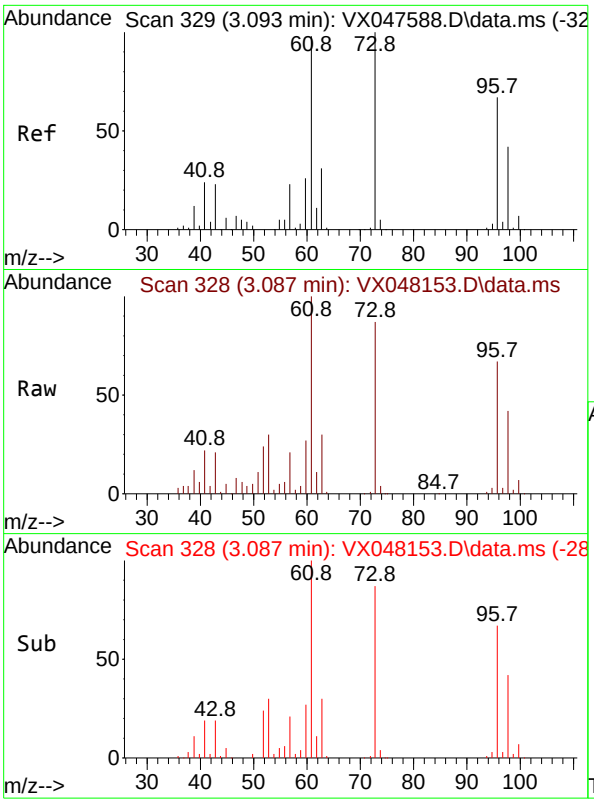


#20
Methylene Chloride
Concen: 53.153 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 84 Resp: 97302

Ion	Ratio	Lower	Upper
84	100		
49	130.7	108.6	162.8
51	40.2	32.6	48.8
86	63.0	52.0	78.0

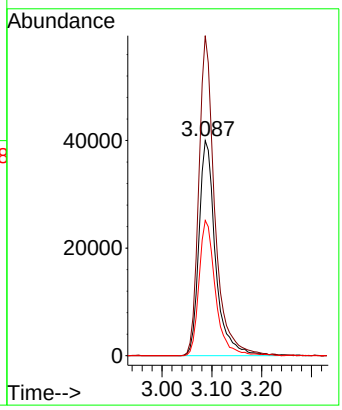




#21
trans-1,2-Dichloroethene
Concen: 57.678 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 96 Resp: 9219

Ion	Ratio	Lower	Upper
96	100		
61	148.8	116.2	174.2
98	62.9	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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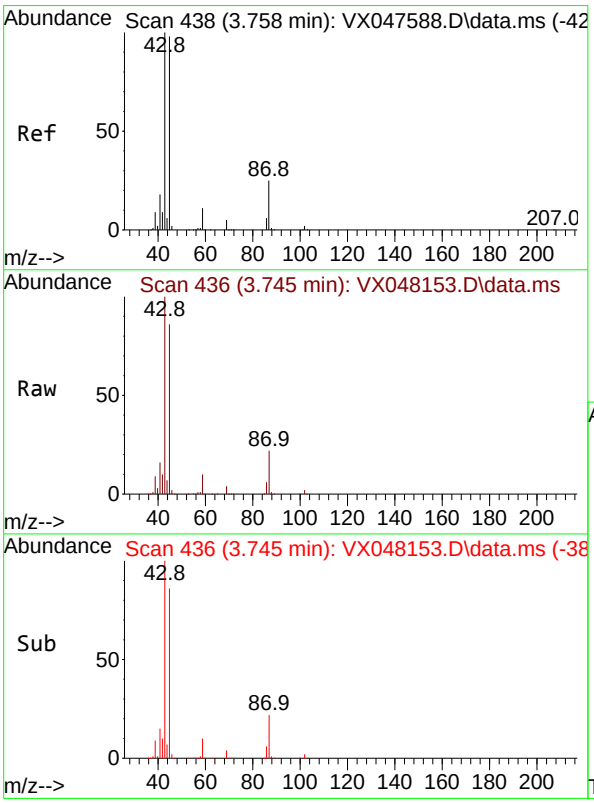
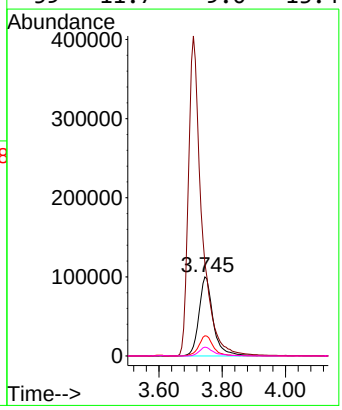
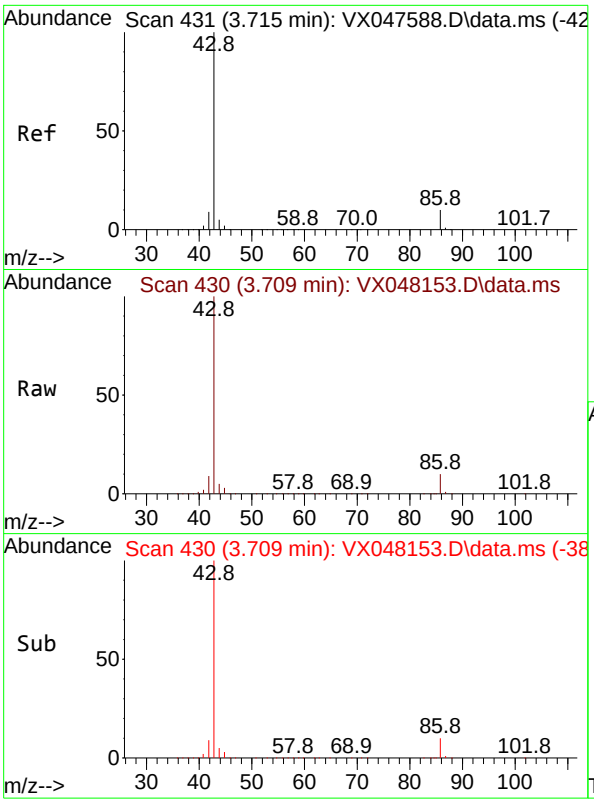


#22
Diisopropyl ether
Concen: 52.712 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 45 Resp: 312969

Ion	Ratio	Lower	Upper
45	100		
43	116.4	81.0	121.4
87	25.6	20.3	30.5
59	11.7	9.0	13.4





#23
Vinyl Acetate
Concen: 249.999 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 43 Resp: 118797

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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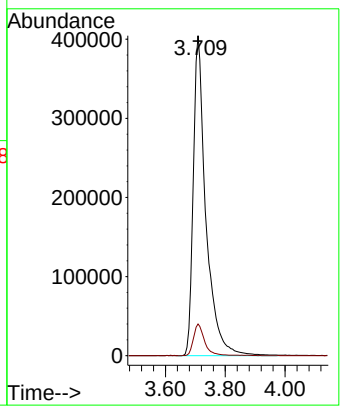
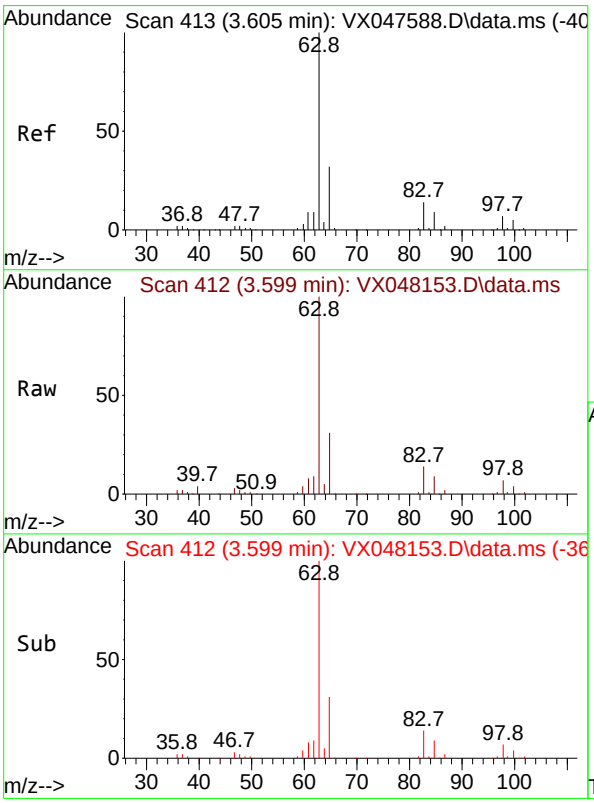
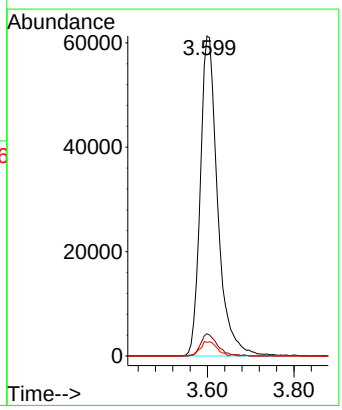


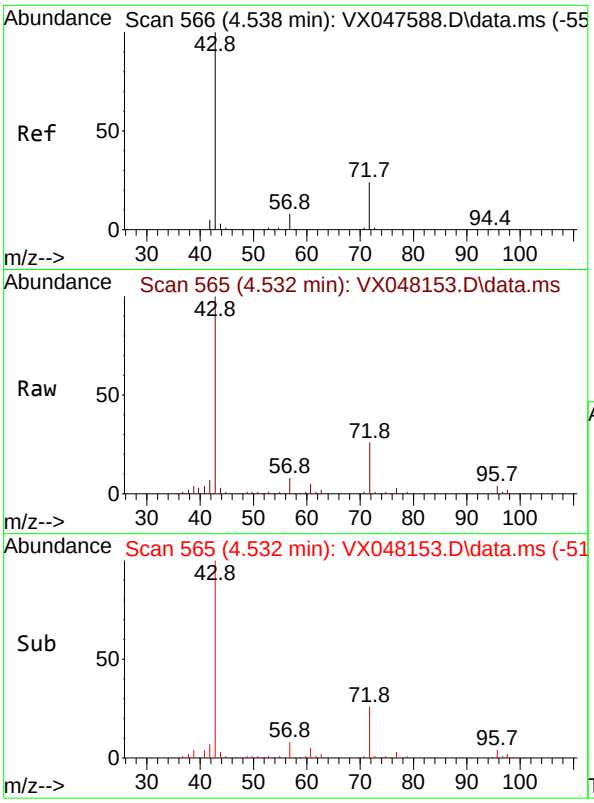


#24
1,1-Dichloroethane
Concen: 54.042 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 63 Resp: 170542

Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.8	11.2
100	4.3	2.3	6.9

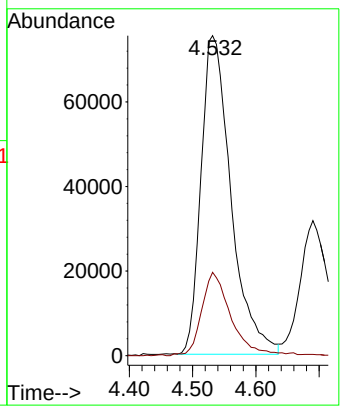




#25
2-Butanone
Concen: 229.881 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 43 Resp: 24798

Ion	Ratio	Lower	Upper
43	100		
72	25.6	20.1	30.1



Instrument :
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ClientSampleId :
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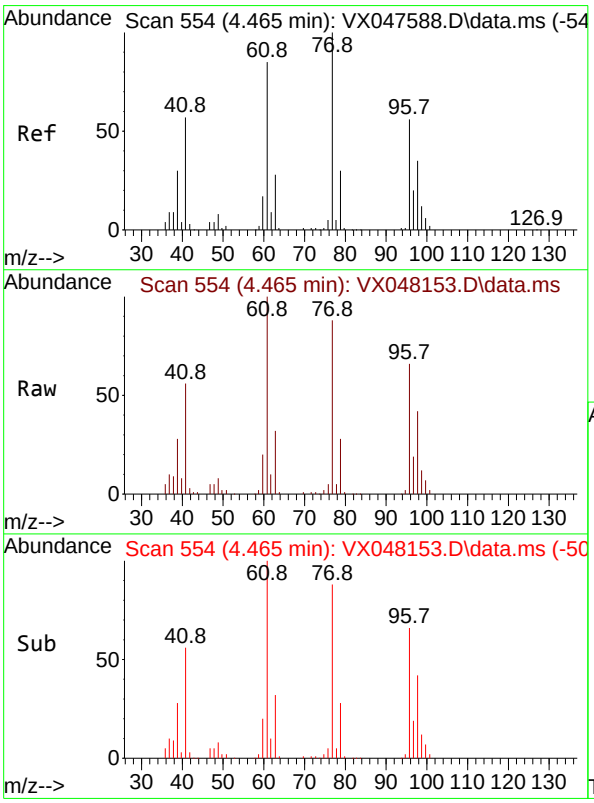
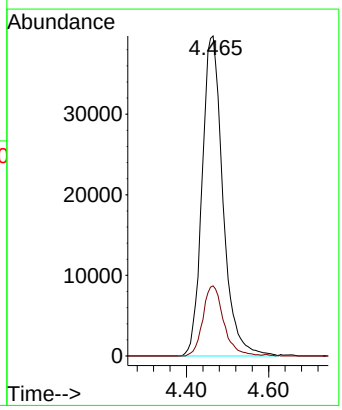
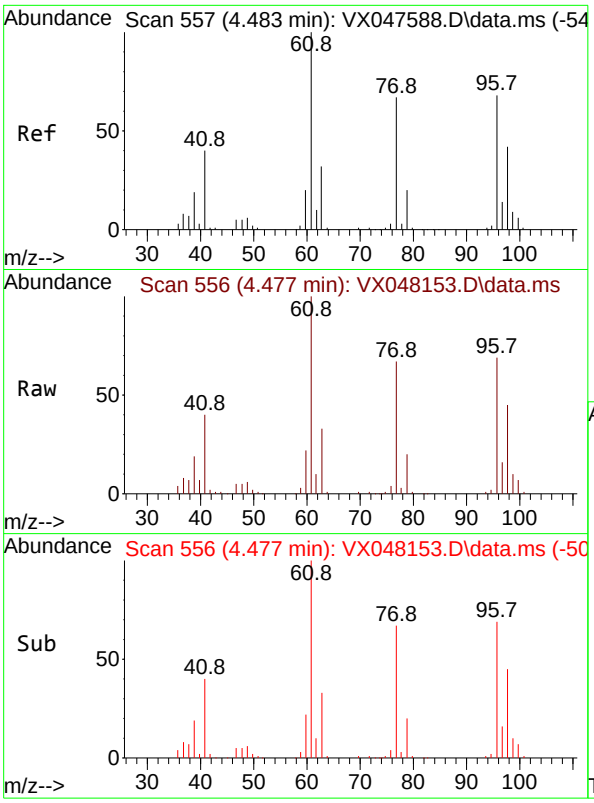


#26
2,2-Dichloropropane
Concen: 53.086 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 77 Resp: 139256

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7

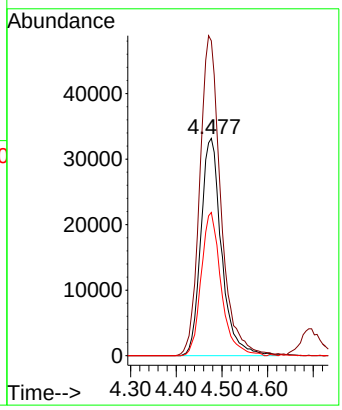




#27
cis-1,2-Dichloroethene
Concen: 53.263 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 96 Resp: 10426

Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	303.2
98	63.9	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
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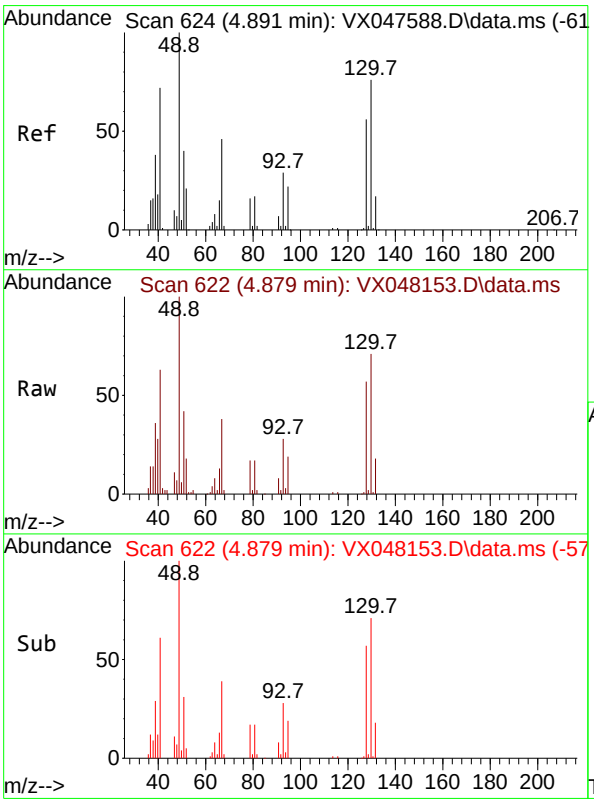
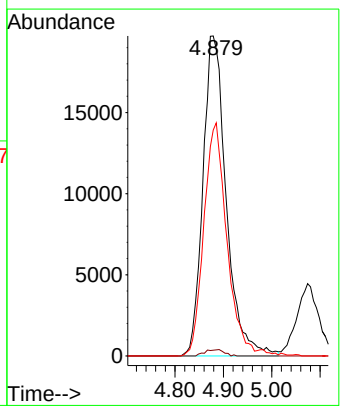
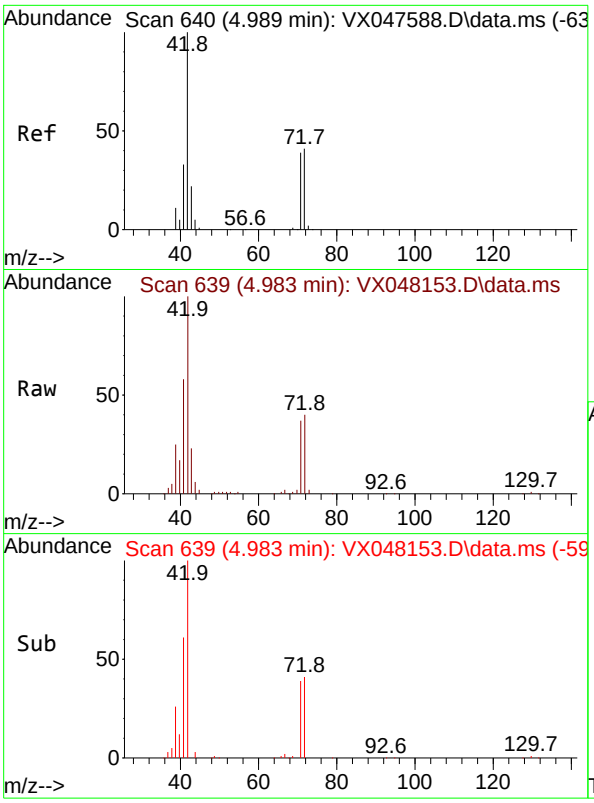


#28
Bromochloromethane
Concen: 47.909 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 49 Resp: 66003

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.2
130	71.5	57.8	86.8





#29
Tetrahydrofuran
Concen: 234.875 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 42 Resp: 15242

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	39.0	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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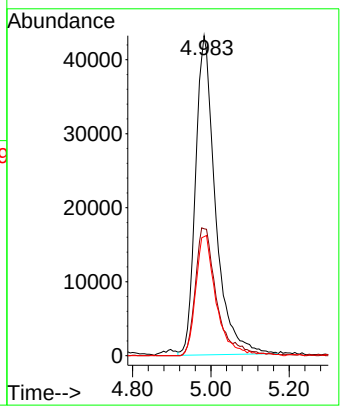
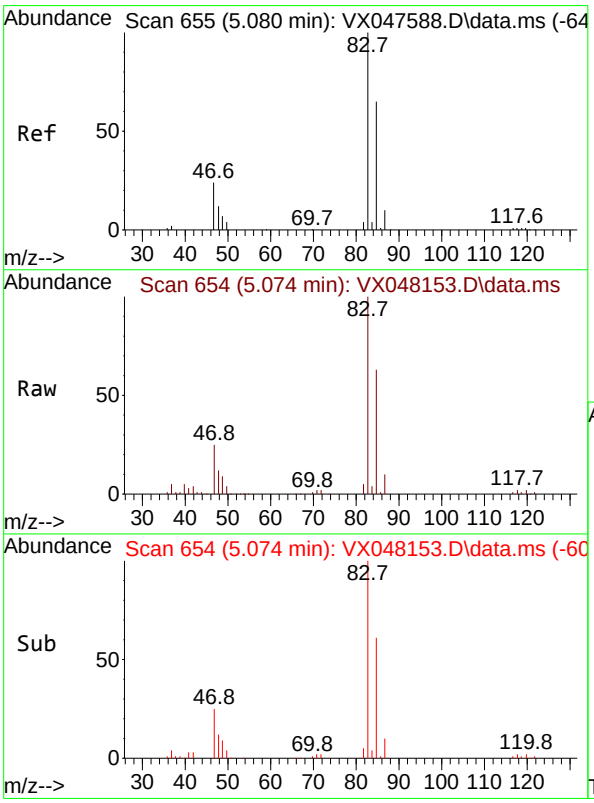
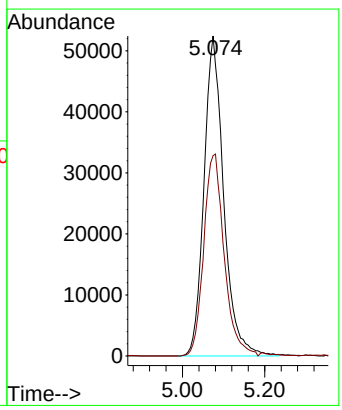


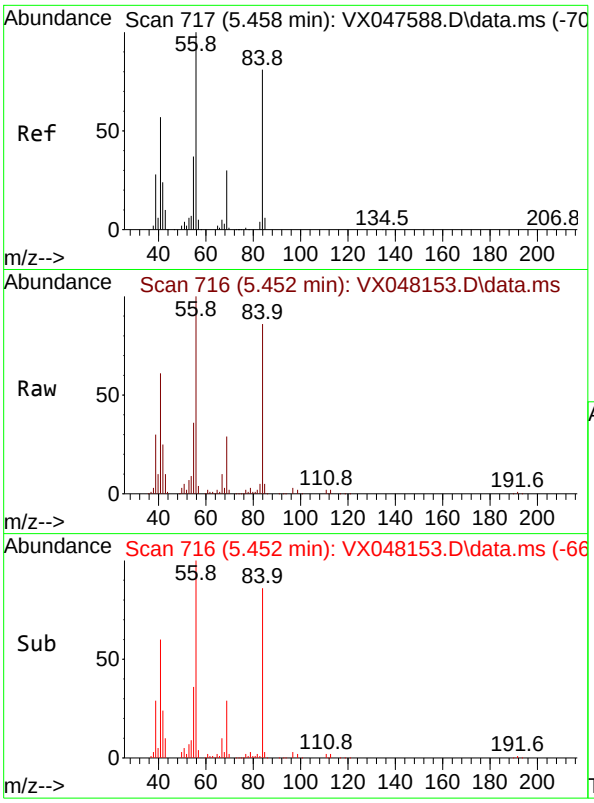


#30
Chloroform
Concen: 54.659 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 83 Resp: 174306

Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.8	77.6

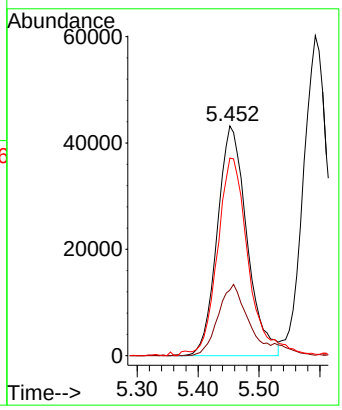




#31
Cyclohexane
Concen: 55.594 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 56 Resp: 14611

Ion	Ratio	Lower	Upper
56	100		
69	28.1	23.8	35.8
84	86.0	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
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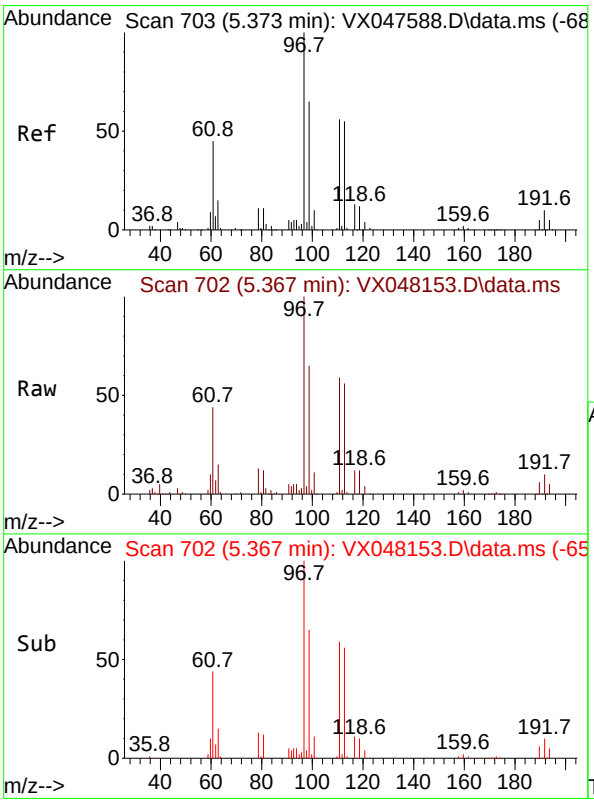
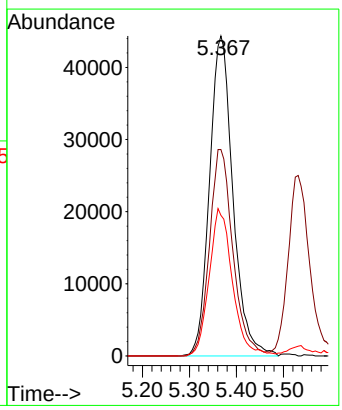
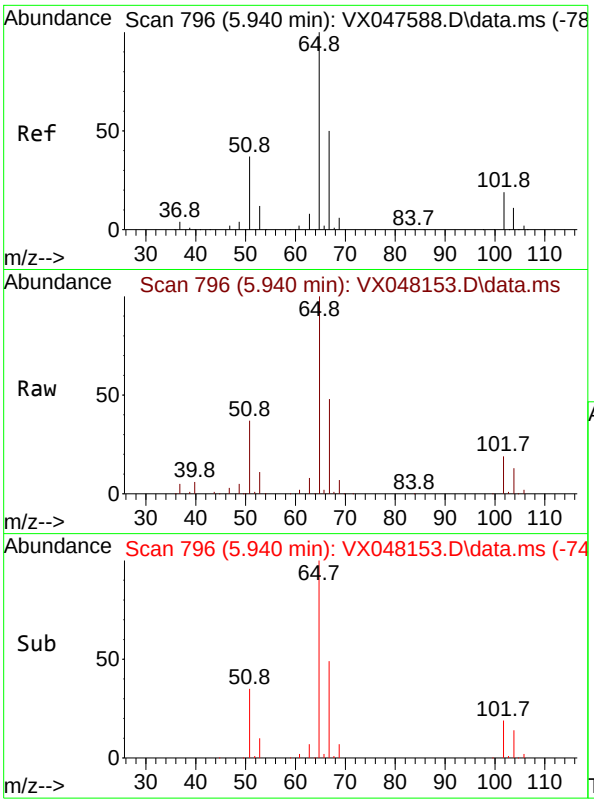


#32
1,1,1-Trichloroethane
Concen: 56.700 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 97 Resp: 153370

Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.6	76.0
61	45.8	35.8	53.8

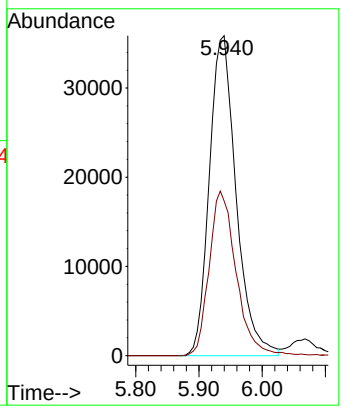




#33
1,2-Dichloroethane-d4
Concen: 53.069 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 65 Resp: 10555

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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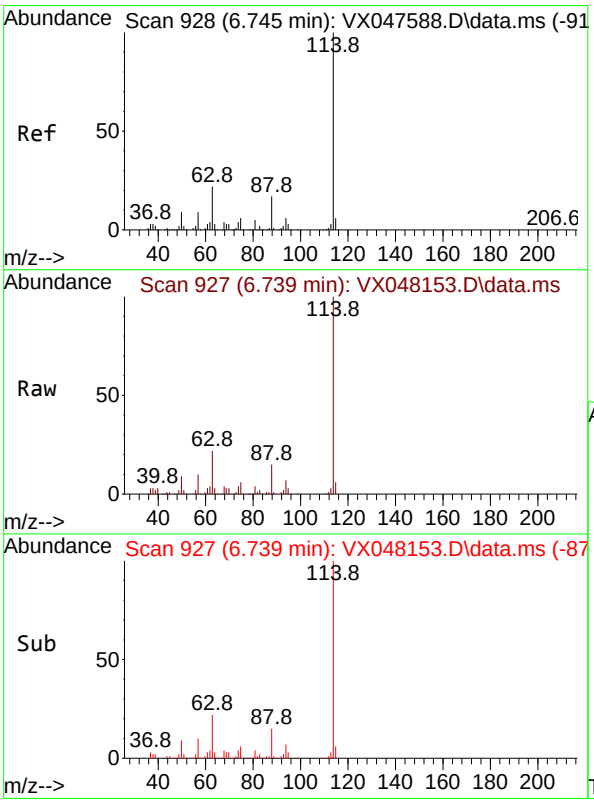
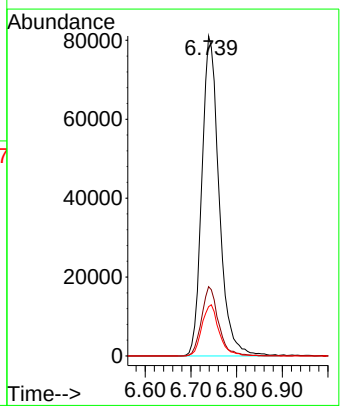
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

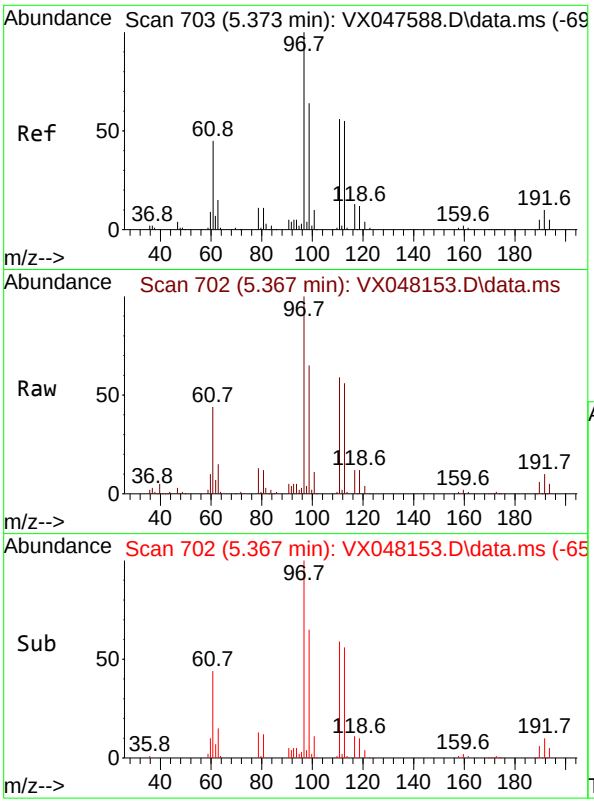


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:114 Resp: 212282

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	15.4	0.0	34.2

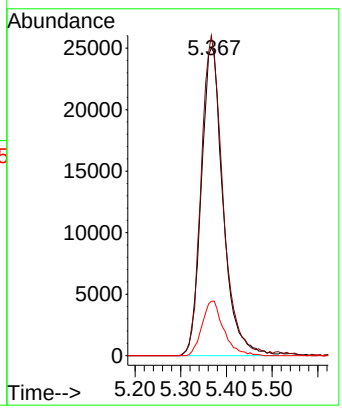




#35
Dibromofluoromethane
Concen: 58.375 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:113 Resp: 8310

Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.9	121.3
192	17.6	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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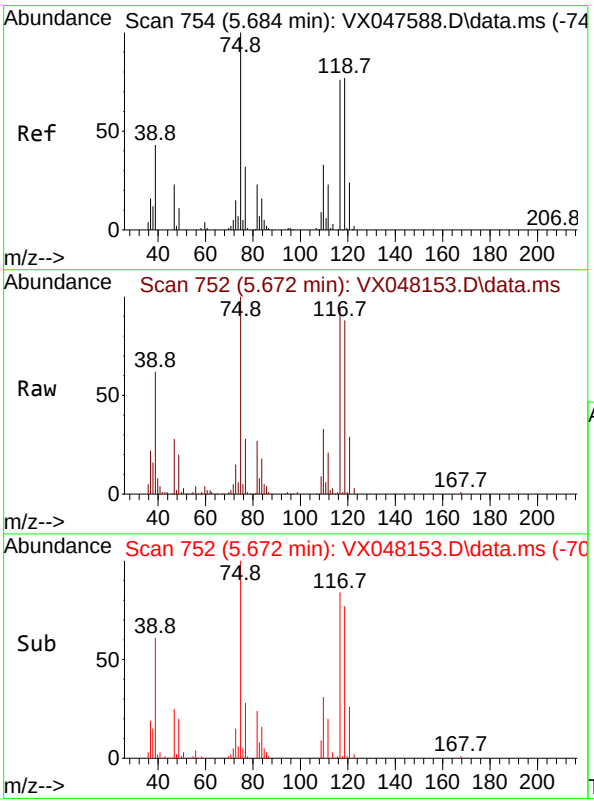
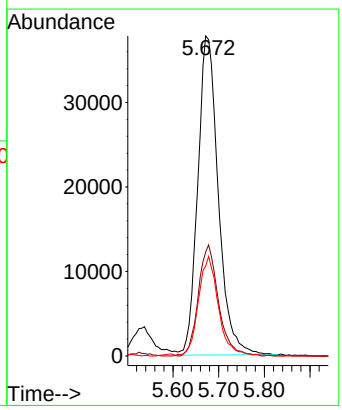
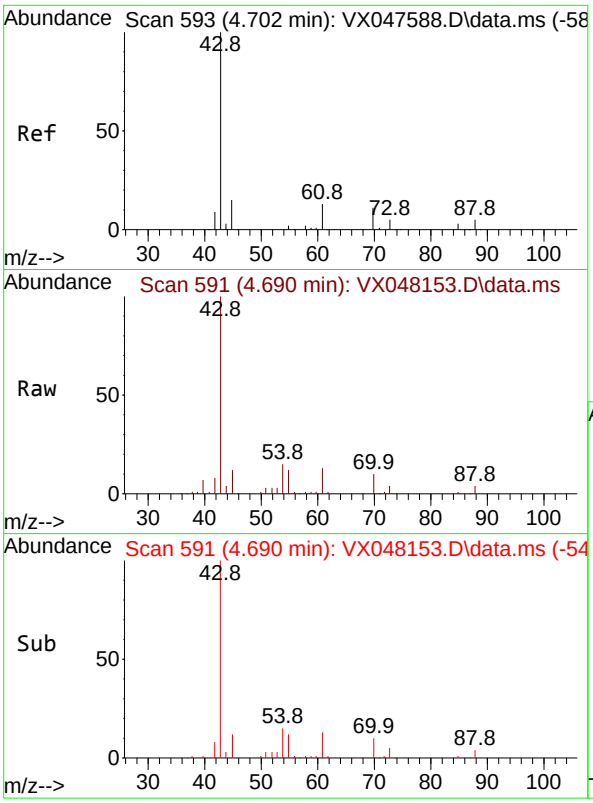


#36
1,1-Dichloropropene
Concen: 56.673 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 75 Resp: 117898

Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.1
77	30.5	24.3	36.5

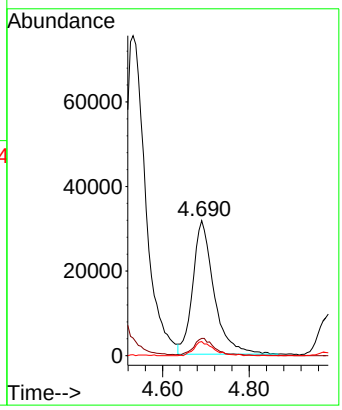




#37
Ethyl Acetate
Concen: 47.964 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 43 Resp: 10683

Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.8	14.8
70	9.5	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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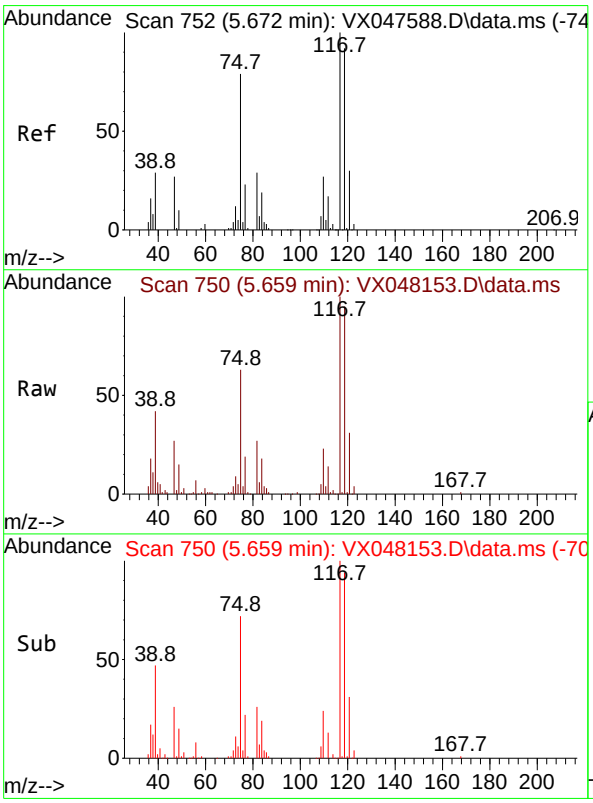
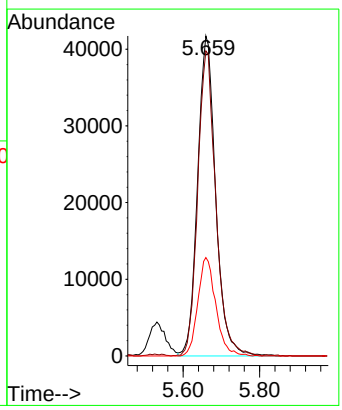
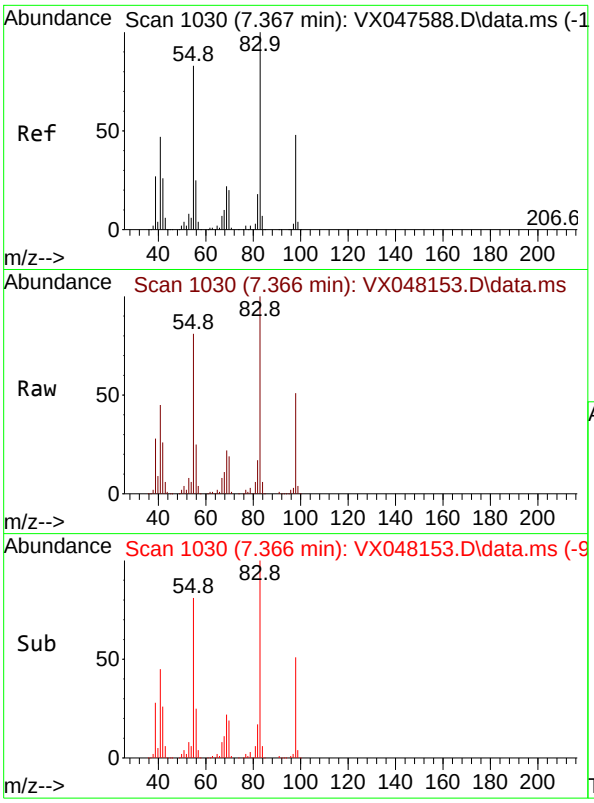


#38
Carbon Tetrachloride
Concen: 60.555 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:117 Resp: 136874

Ion	Ratio	Lower	Upper
117	100		
119	95.1	73.4	110.2
121	30.7	23.8	35.6

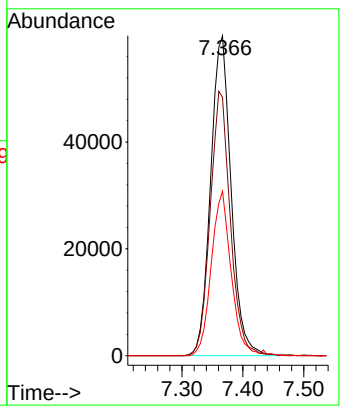




#39
Methylcyclohexane
Concen: 59.319 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 83 Resp: 14008

Ion	Ratio	Lower	Upper
83	100		
55	80.8	66.4	99.6
98	51.4	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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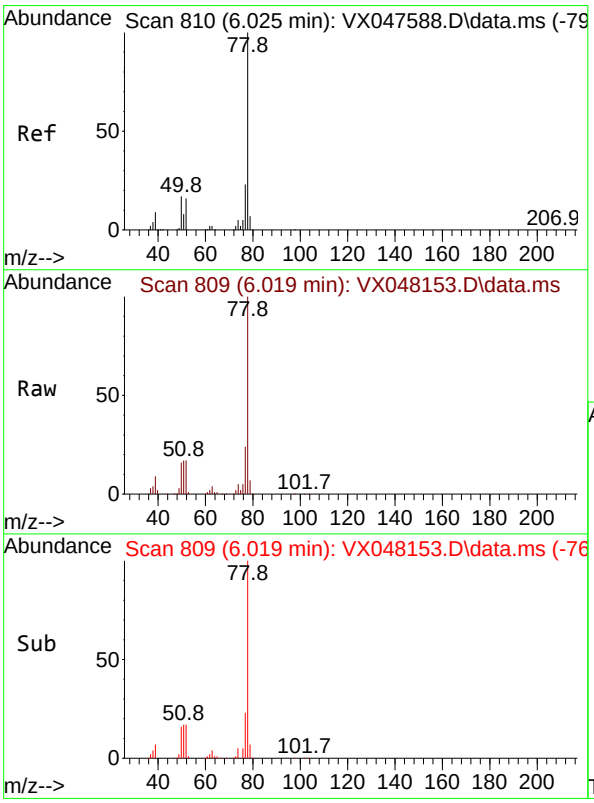
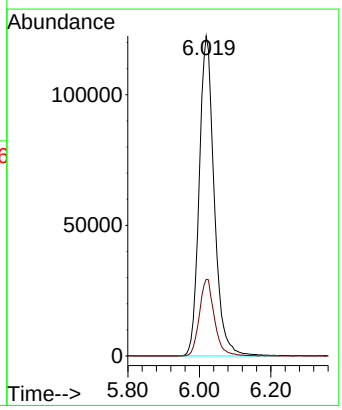
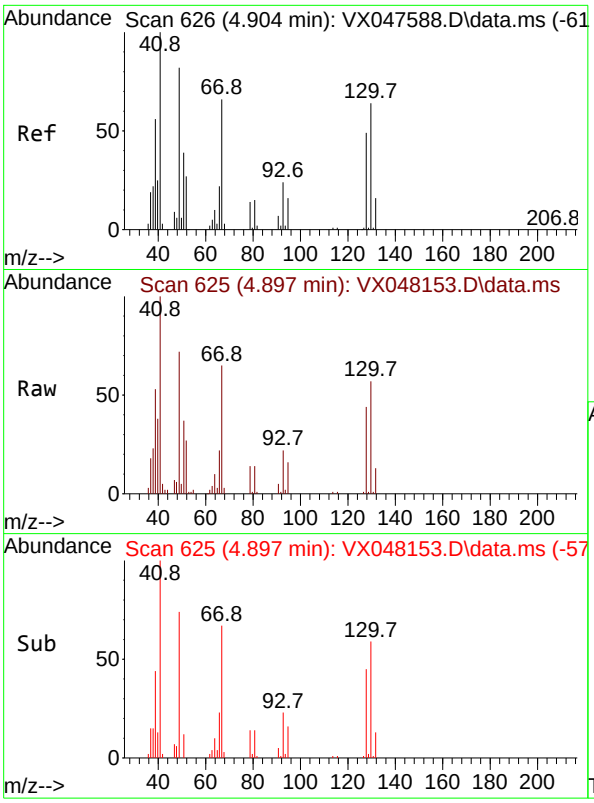


#40
Benzene
Concen: 56.422 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 78 Resp: 356505

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2

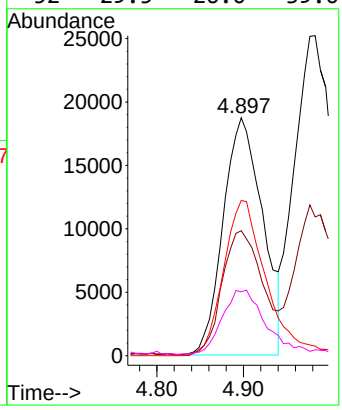




#41
Methacrylonitrile
Concen: 51.733 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 41 Resp: 5948

Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.3	64.9
67	71.8	58.6	87.8
52	29.5	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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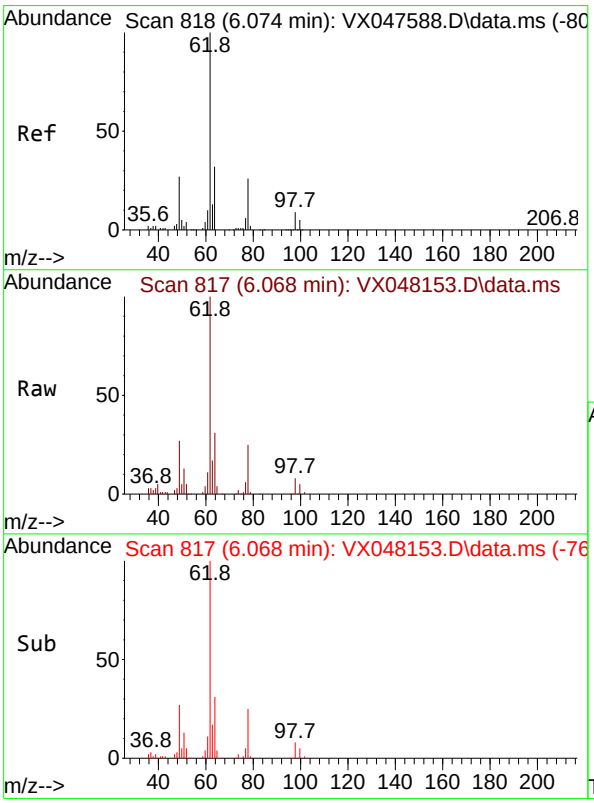
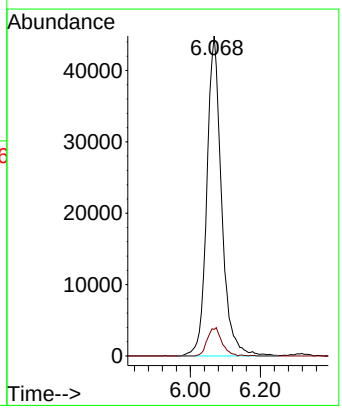
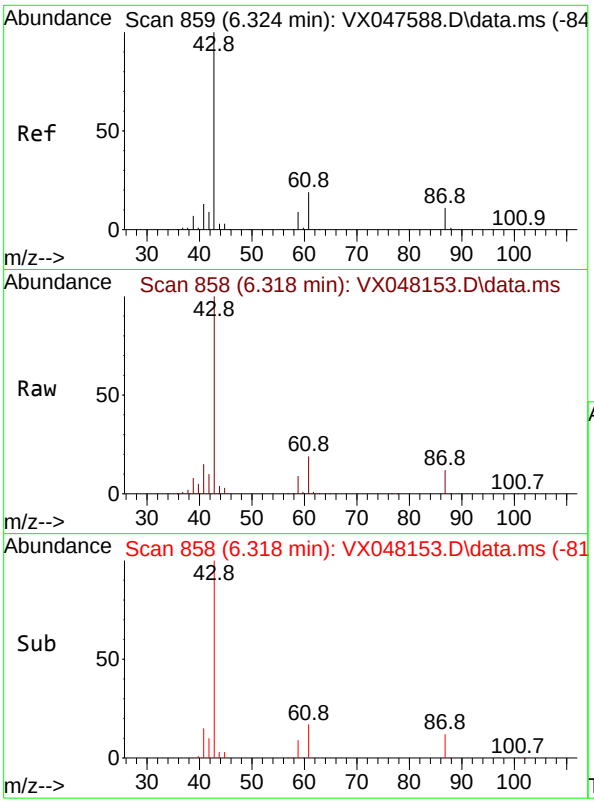


#42
1,2-Dichloroethane
Concen: 54.535 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 62 Resp: 131107

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

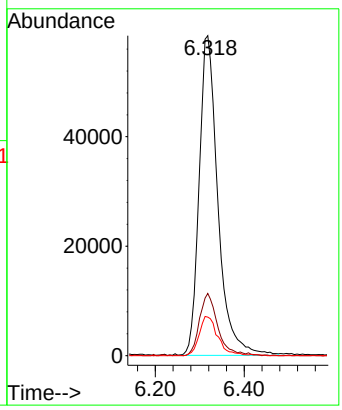




#43
Isopropyl Acetate
Concen: 47.003 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 43 Resp: 17170

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.2	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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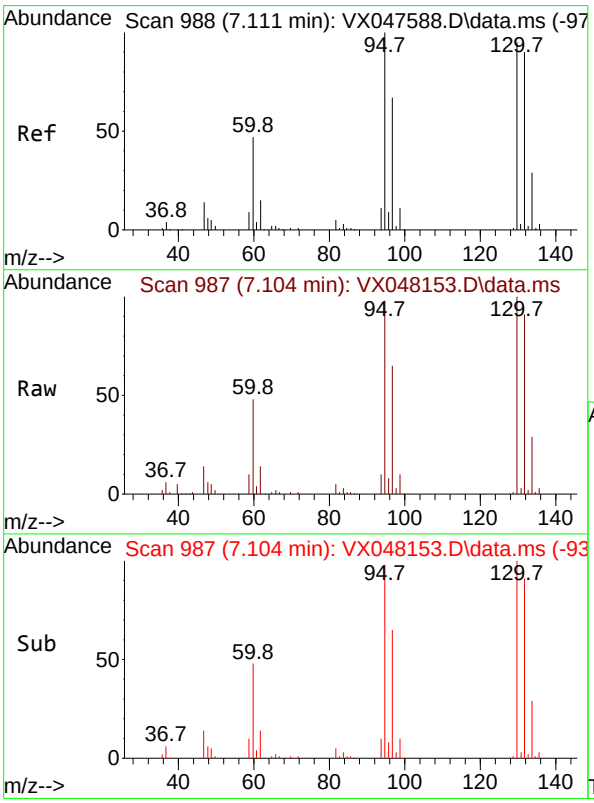
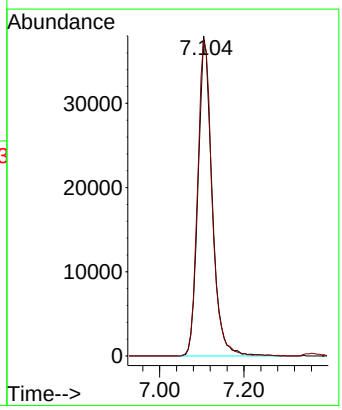
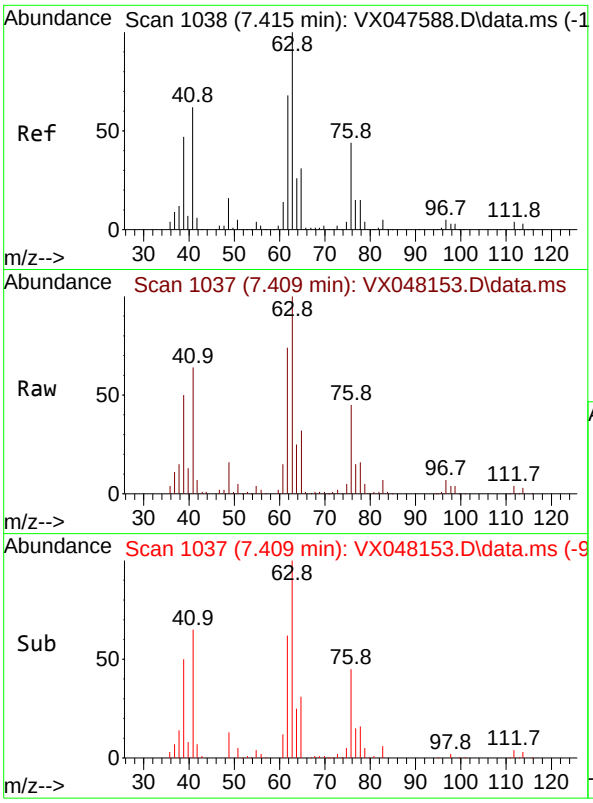


#44
Trichloroethene
Concen: 57.700 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:130 Resp: 88141

Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	210.8

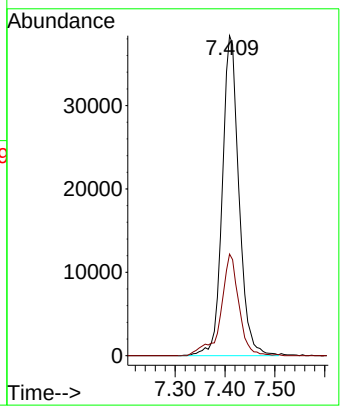




#45
1,2-Dichloropropane
Concen: 55.124 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 63 Resp: 8918

Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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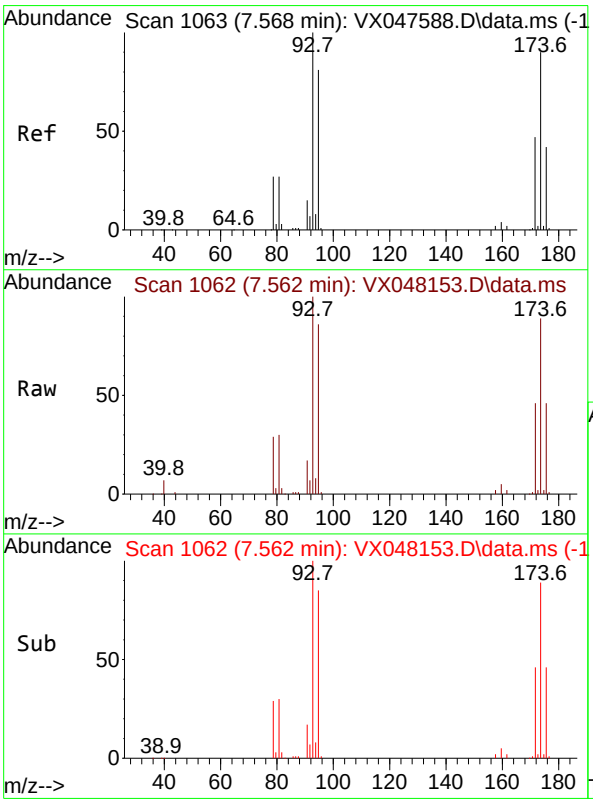
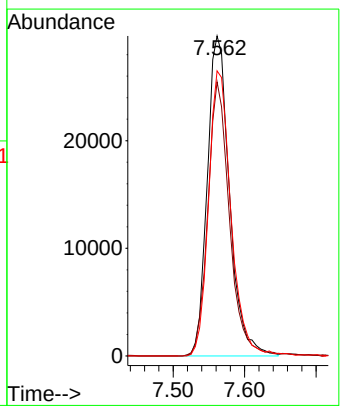
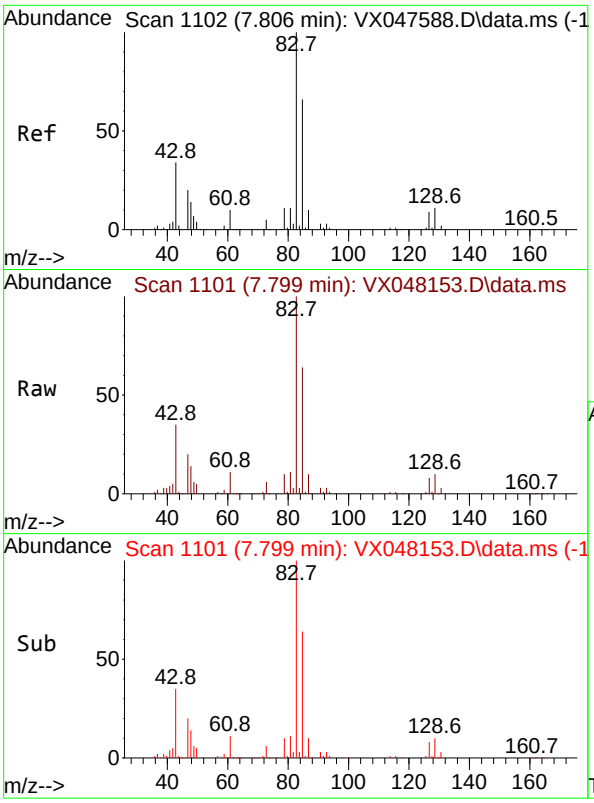


#46
Dibromomethane
Concen: 54.583 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 93 Resp: 64264

Ion	Ratio	Lower	Upper
93	100		
95	83.8	65.0	97.6
174	89.9	71.6	107.4

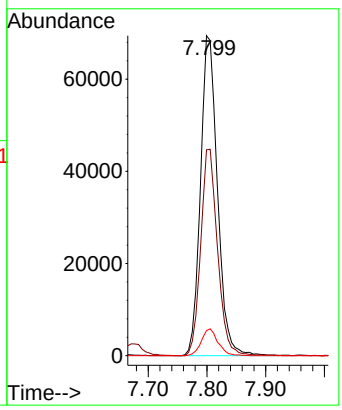




#47
Bromodichloromethane
Concen: 57.493 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 83 Resp: 13968

Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.5	78.7
127	7.9	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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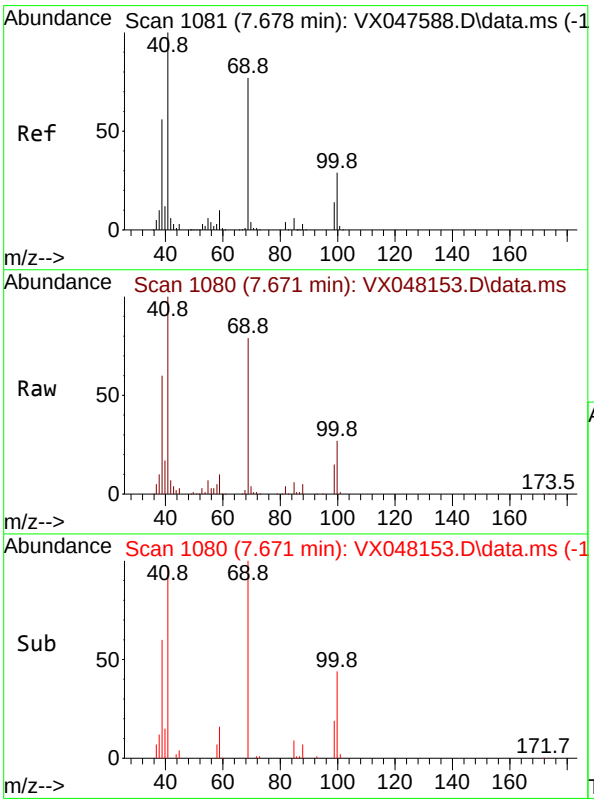
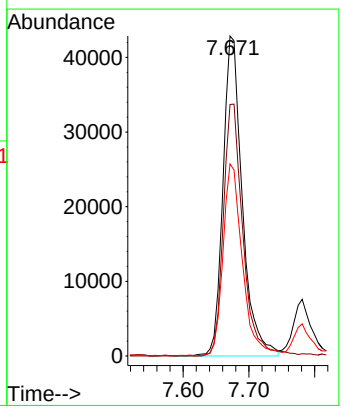
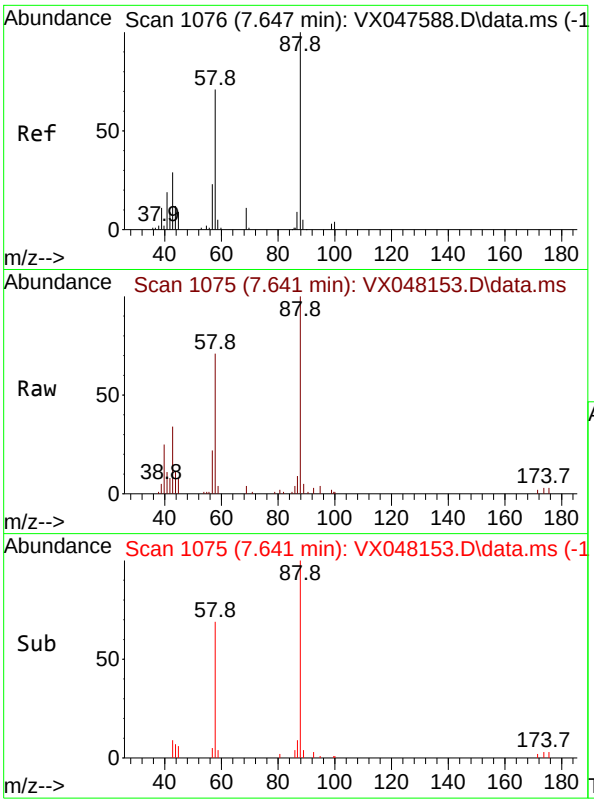


#48
Methyl methacrylate
Concen: 48.182 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 41 Resp: 87675

Ion	Ratio	Lower	Upper
41	100		
69	79.6	61.4	92.2
39	60.4	45.8	68.6





#49
1,4-Dioxane
Concen: 1079.897 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 88 Resp: 1985

Ion	Ratio	Lower	Upper
88	100		
43	38.5	30.2	45.2
58	78.0	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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Reviewed By :John Carlone 10/15/2025
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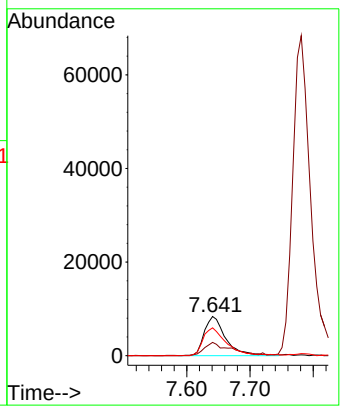
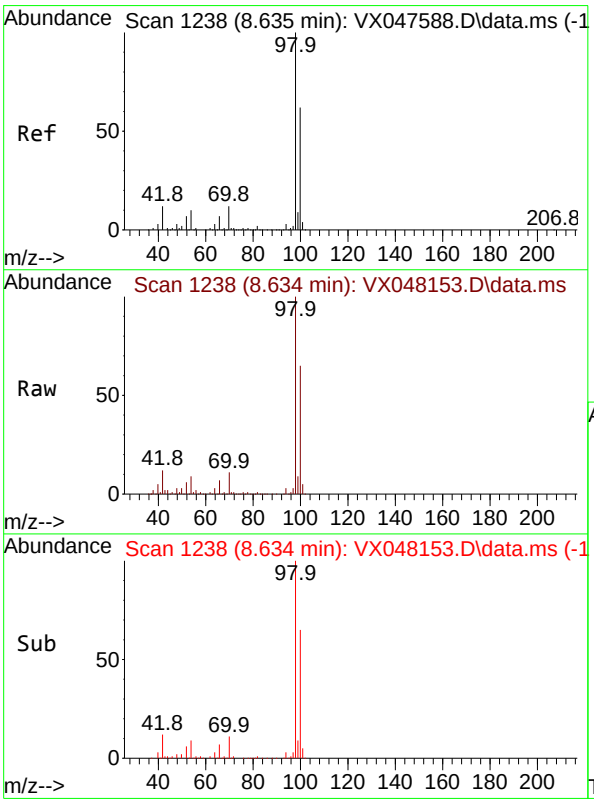
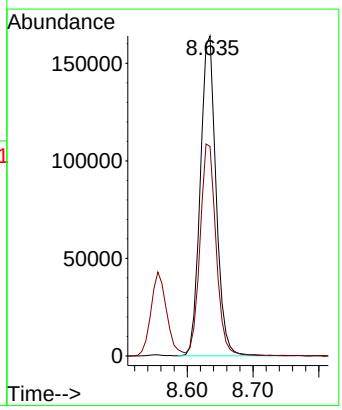


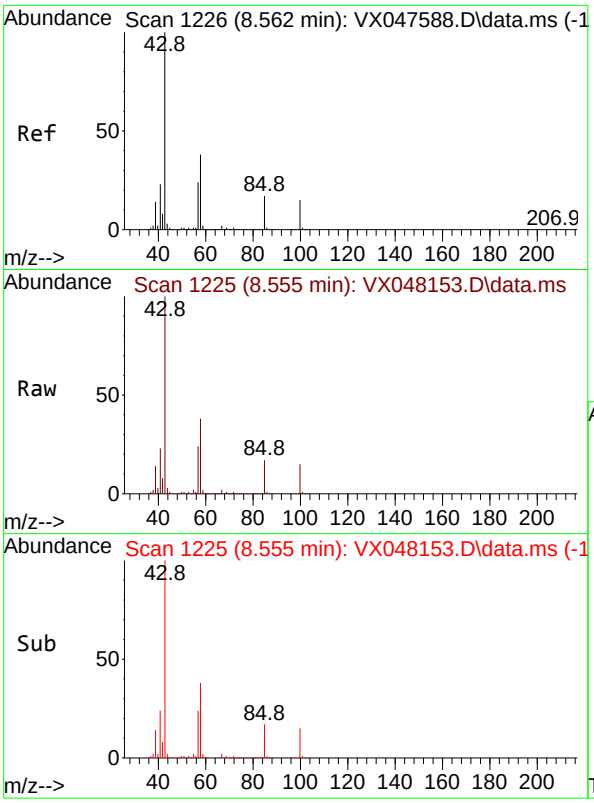


#50
Toluene-d8
Concen: 55.475 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 98 Resp: 273280

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4

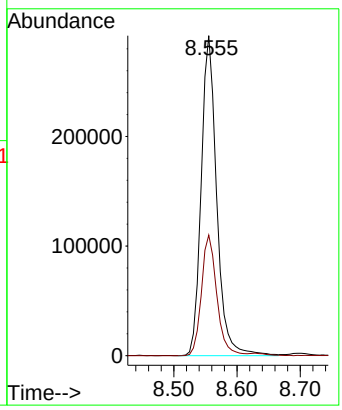




#51
4-Methyl-2-Pentanone
Concen: 246.453 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 43 Resp: 49918

Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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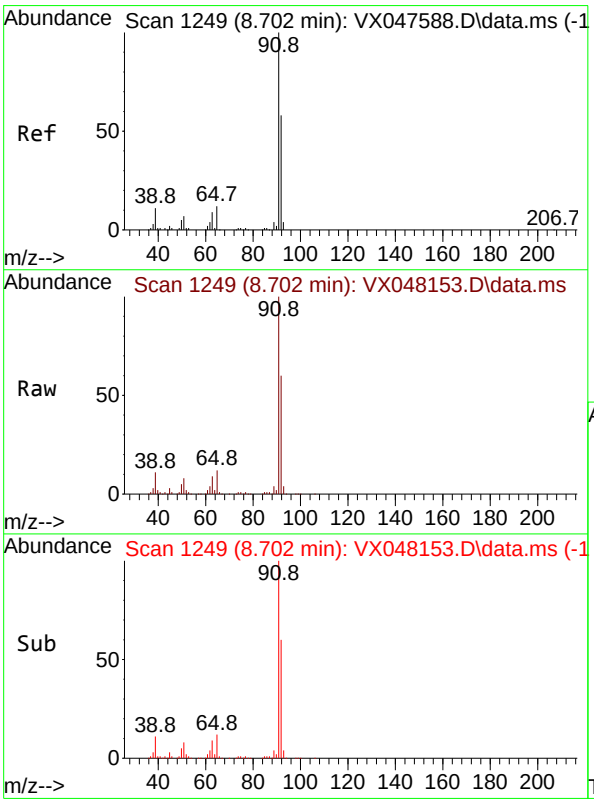
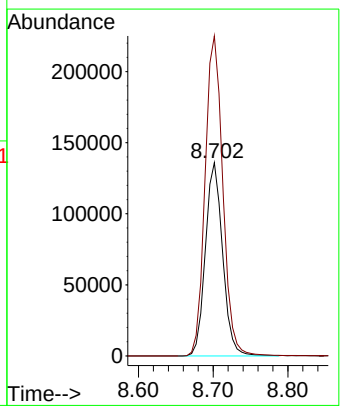
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

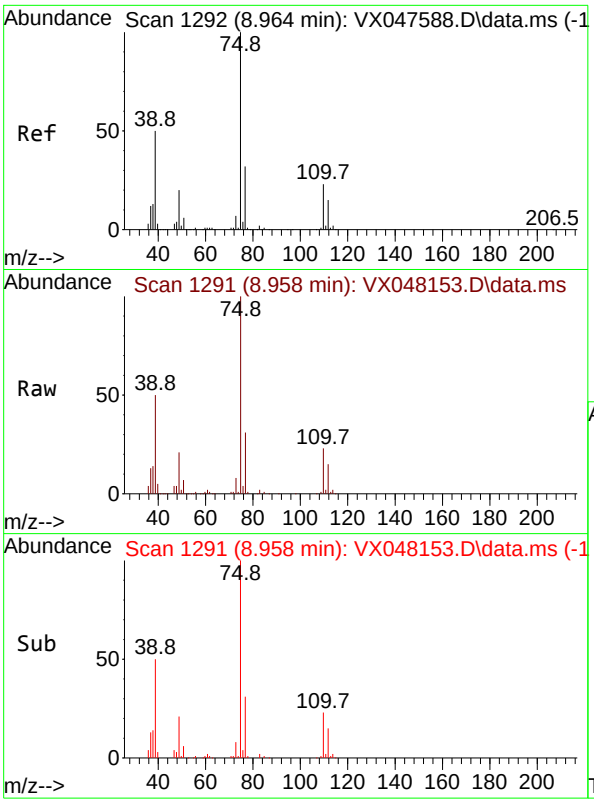


#52
Toluene
Concen: 56.065 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 92 Resp: 218251

Ion	Ratio	Lower	Upper
92	100		
91	170.4	137.1	205.7

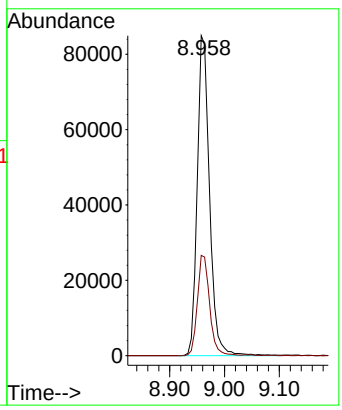




#53
t-1,3-Dichloropropene
Concen: 53.629 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 75 Resp: 13290

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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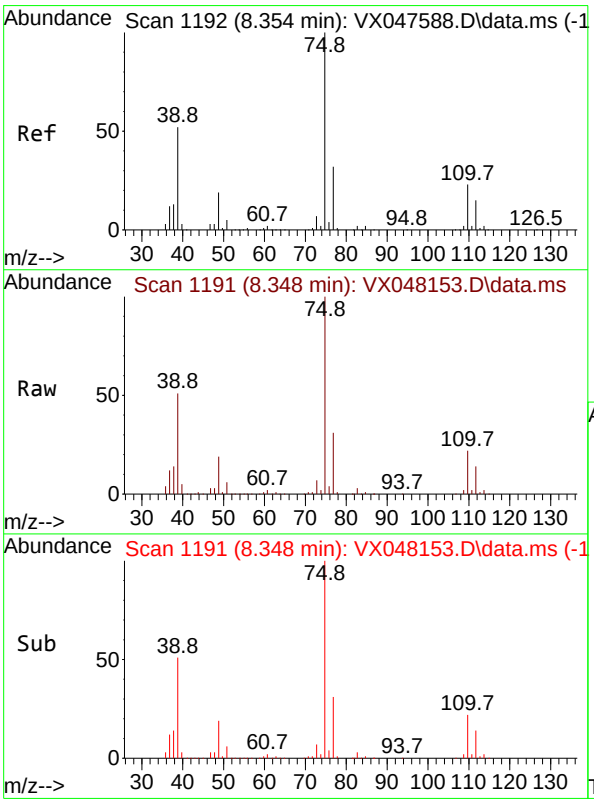
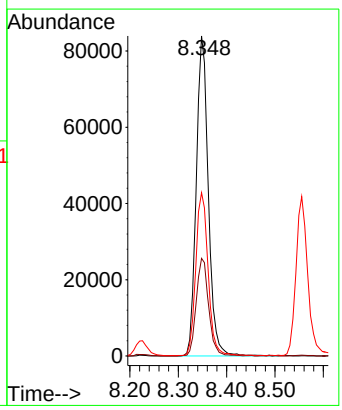
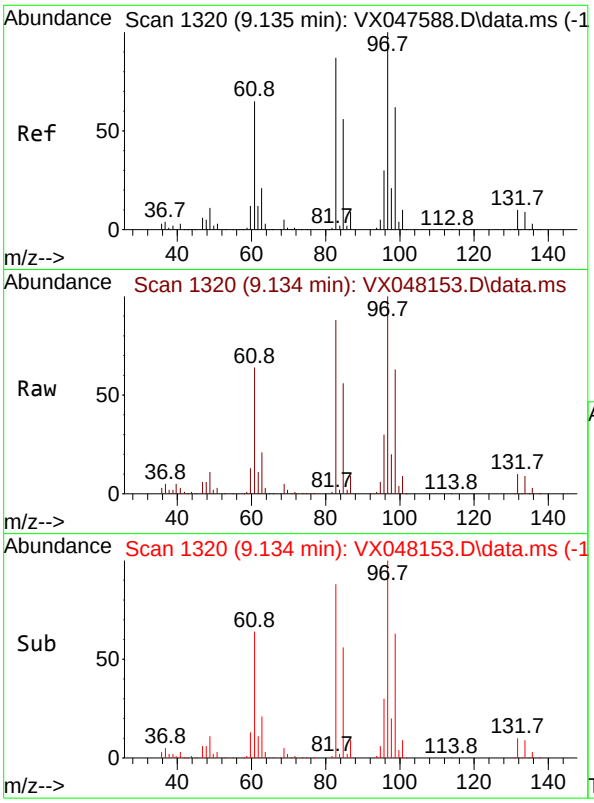


#54
cis-1,3-Dichloropropene
Concen: 54.766 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 75 Resp: 145065

Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.8	38.6
39	50.8	41.4	62.2

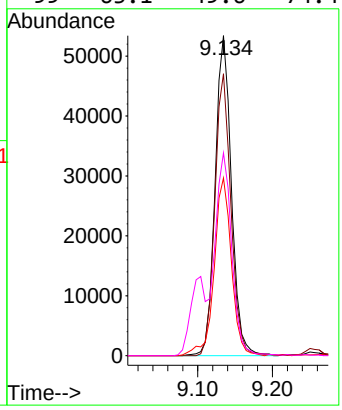




#55
1,1,2-Trichloroethane
Concen: 53.920 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 97 Resp: 8093

Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.6	104.4
85	55.5	45.0	67.6
99	63.1	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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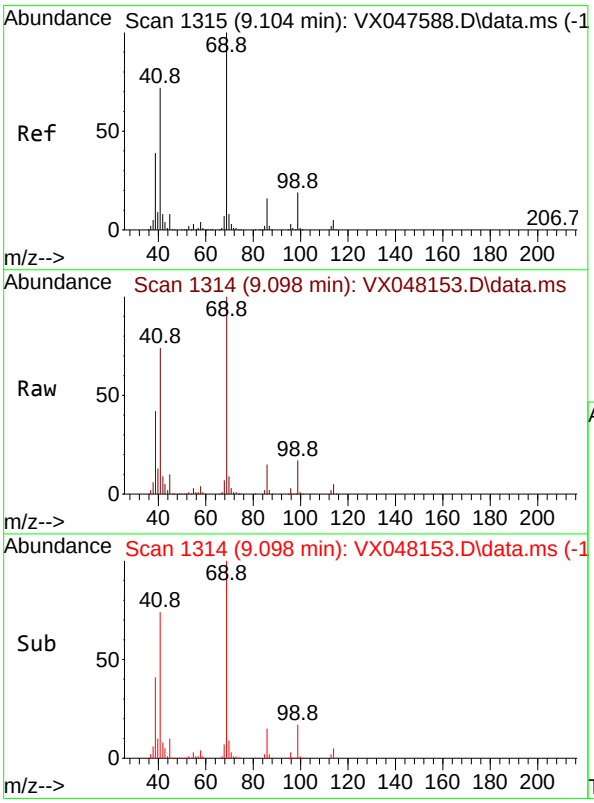
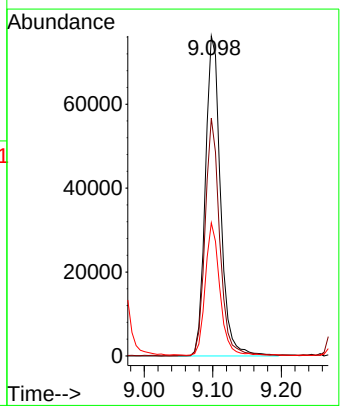
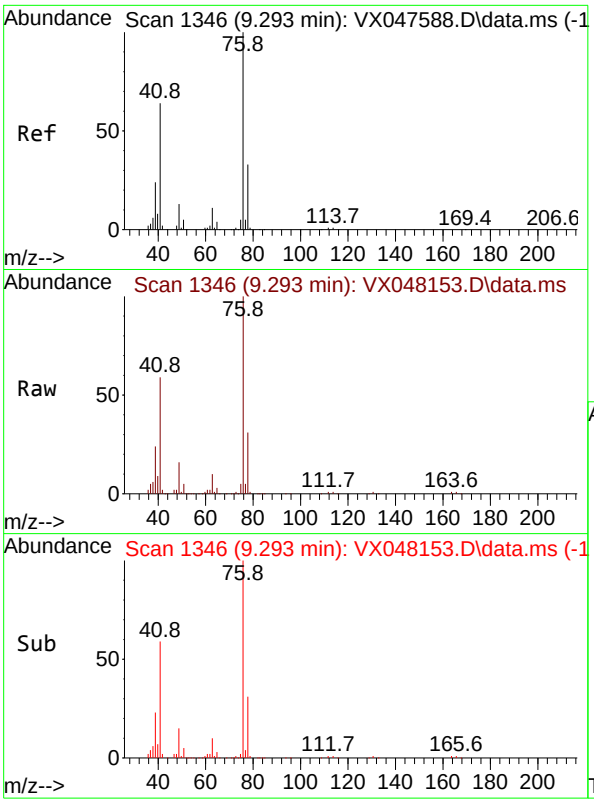


#56
Ethyl methacrylate
Concen: 49.978 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 69 Resp: 117815

Ion	Ratio	Lower	Upper
69	100		
41	71.3	58.6	87.8
39	39.6	31.5	47.3

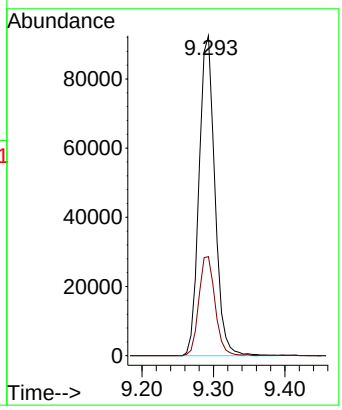




#57
1,3-Dichloropropane
Concen: 55.058 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 76 Resp: 14196

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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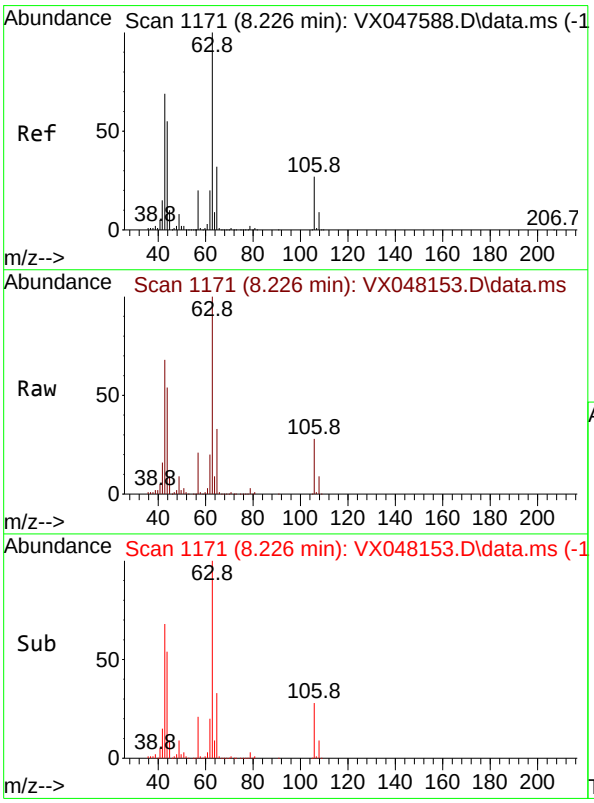
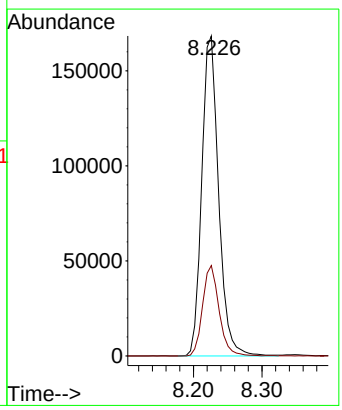
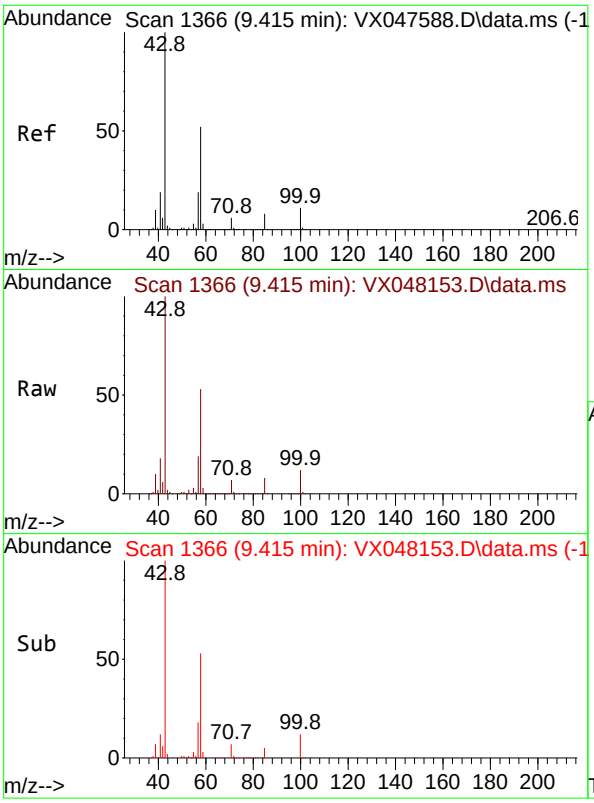


#58
2-Chloroethyl Vinyl ether
Concen: 255.570 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 63 Resp: 288271

Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.9	32.9





#59
2-Hexanone
Concen: 238.613 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 43 Resp: 34710

Ion	Ratio	Lower	Upper
43	100		
58	52.5	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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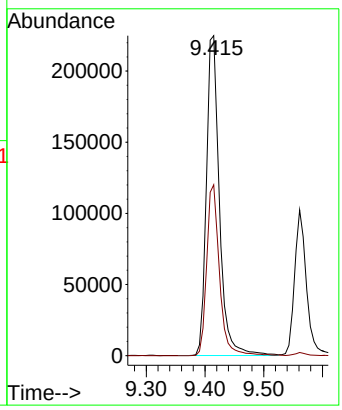
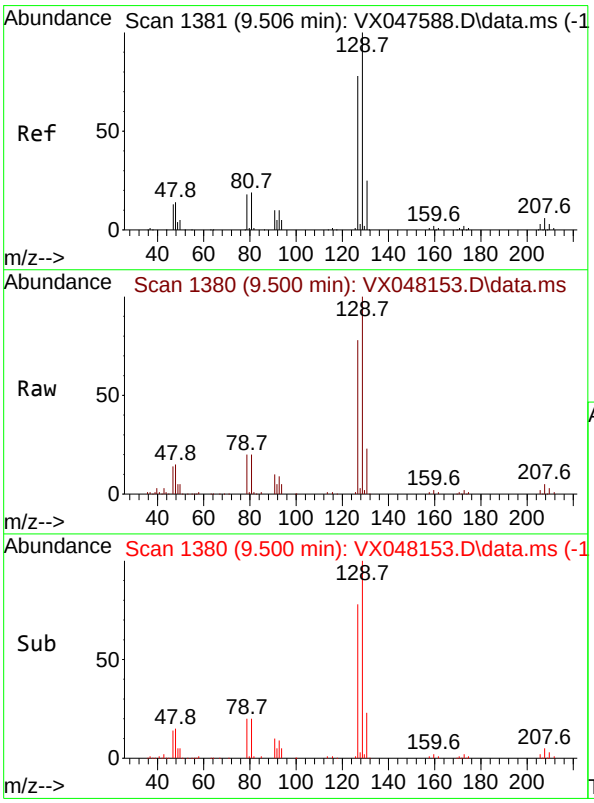
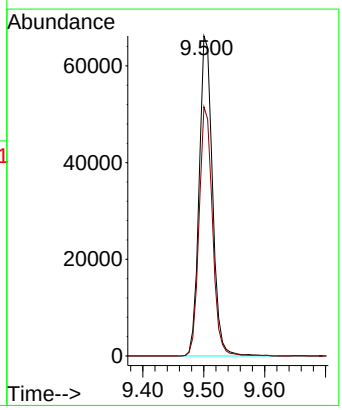


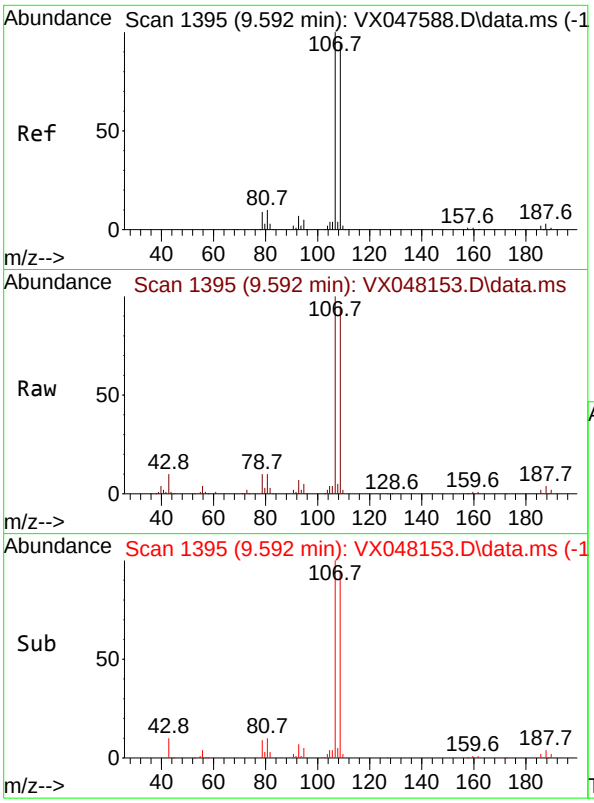


#60
Dibromochloromethane
Concen: 58.035 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:129 Resp: 100375

Ion	Ratio	Lower	Upper
129	100		
127	78.1	38.4	115.2

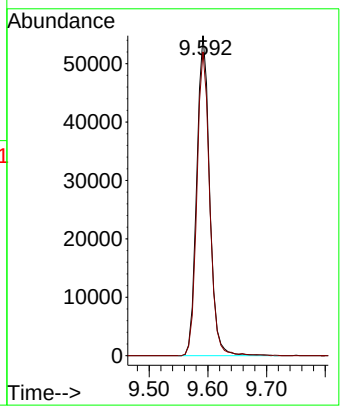




#61
1,2-Dibromoethane
Concen: 54.765 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:107 Resp: 8373

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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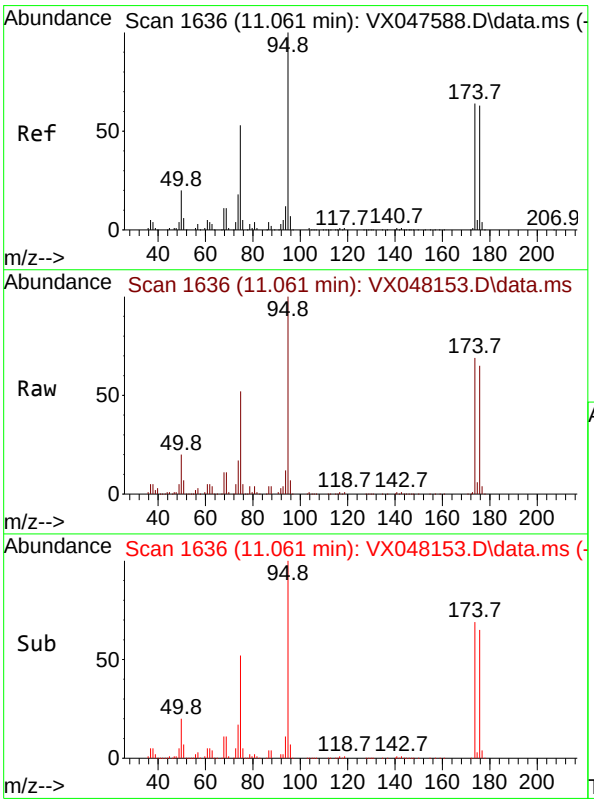
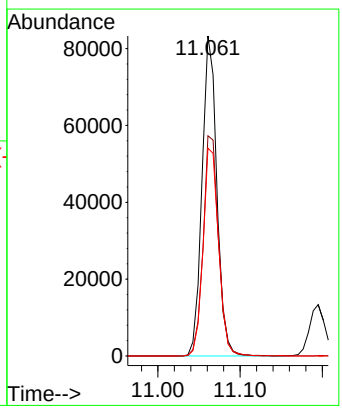
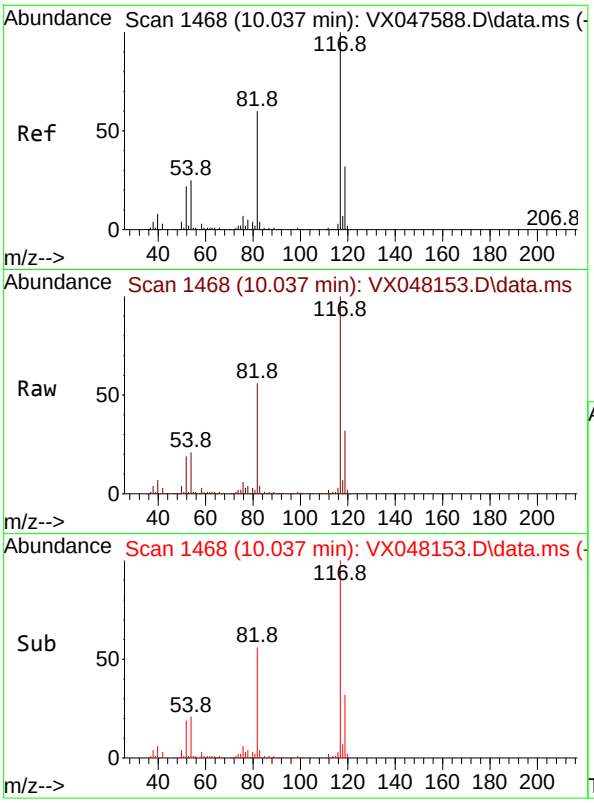


#62
4-Bromofluorobenzene
Concen: 55.785 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 95 Resp: 104295

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	141.6
176	68.0	0.0	138.4

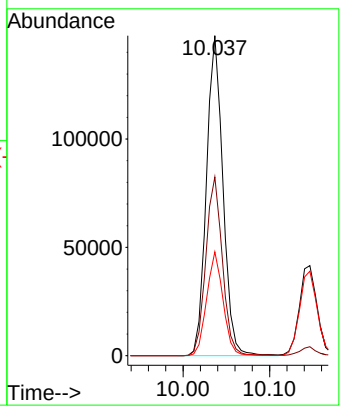




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:117 Resp: 19562

Ion	Ratio	Lower	Upper
117	100		
82	55.9	47.8	71.6
119	32.5	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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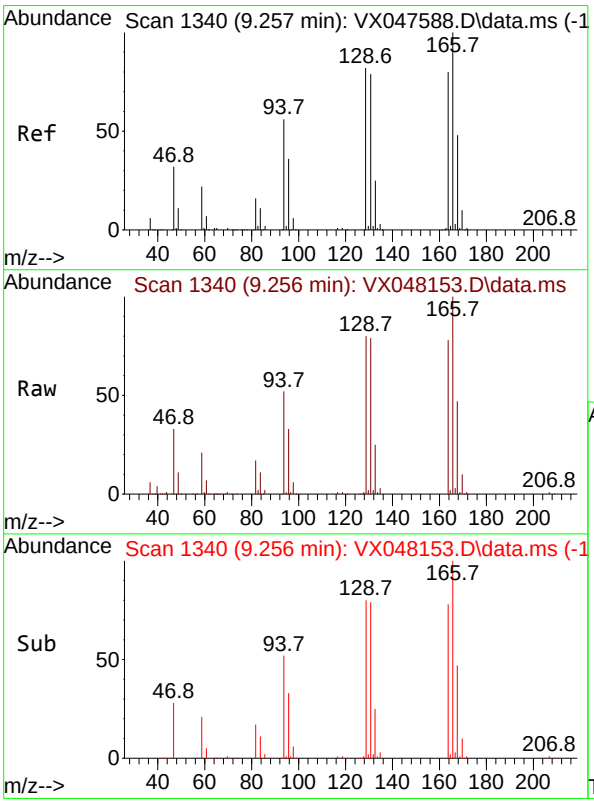
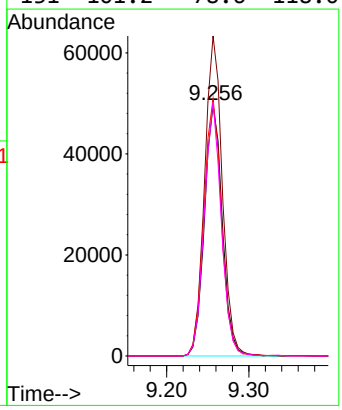
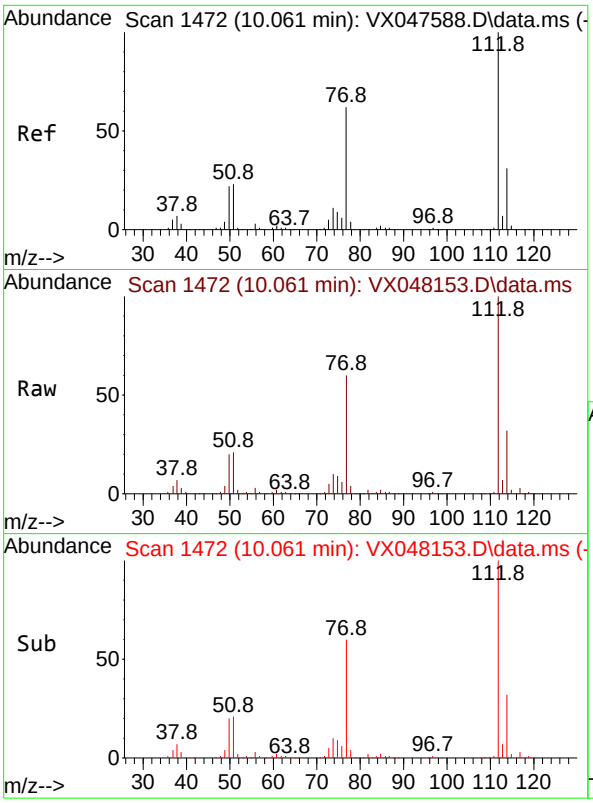


#64
Tetrachloroethene
Concen: 58.763 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:164 Resp: 74940

Ion	Ratio	Lower	Upper
164	100		
166	127.7	100.2	150.2
129	102.6	81.8	122.6
131	101.2	78.6	118.0

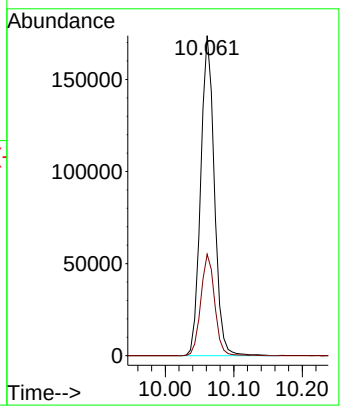




#65
Chlorobenzene
Concen: 54.406 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:112 Resp: 24179

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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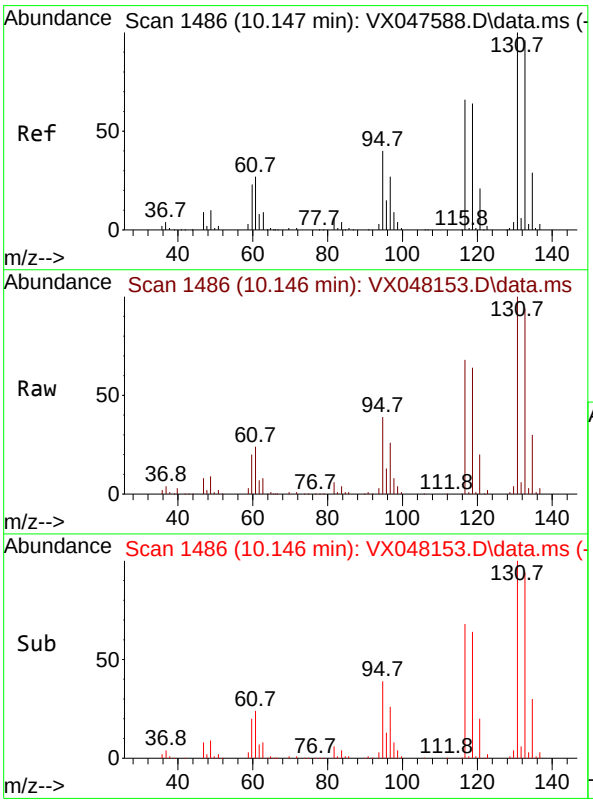
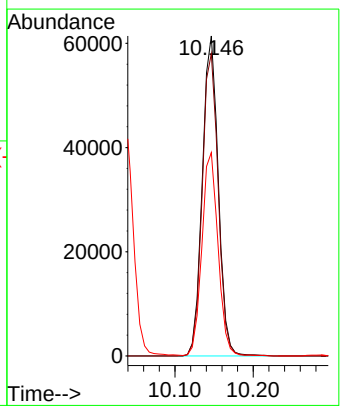
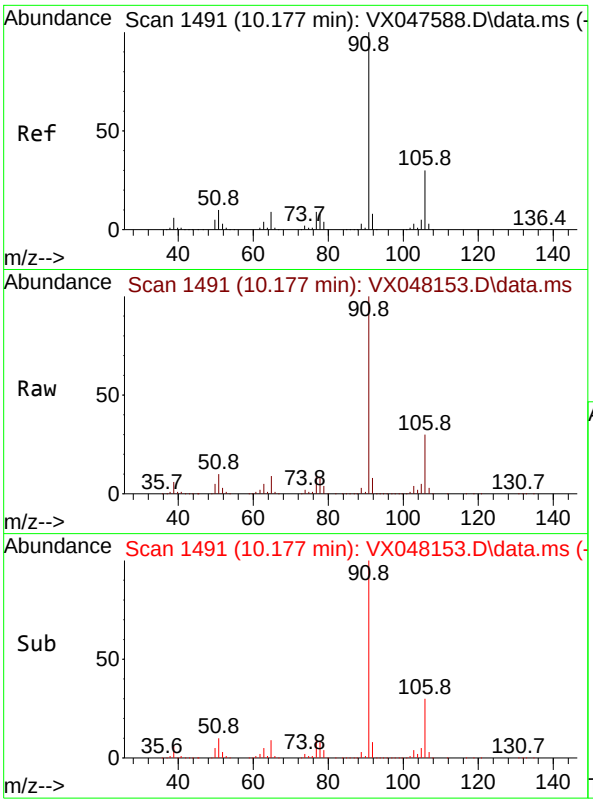


#66
1,1,1,2-Tetrachloroethane
Concen: 56.554 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:131 Resp: 86732

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.3	142.0
119	64.4	32.0	96.0

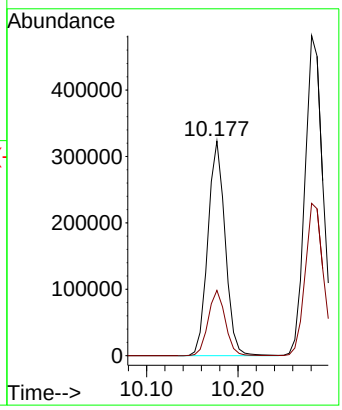




#67
Ethyl Benzene
Concen: 55.162 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 91 Resp: 42300

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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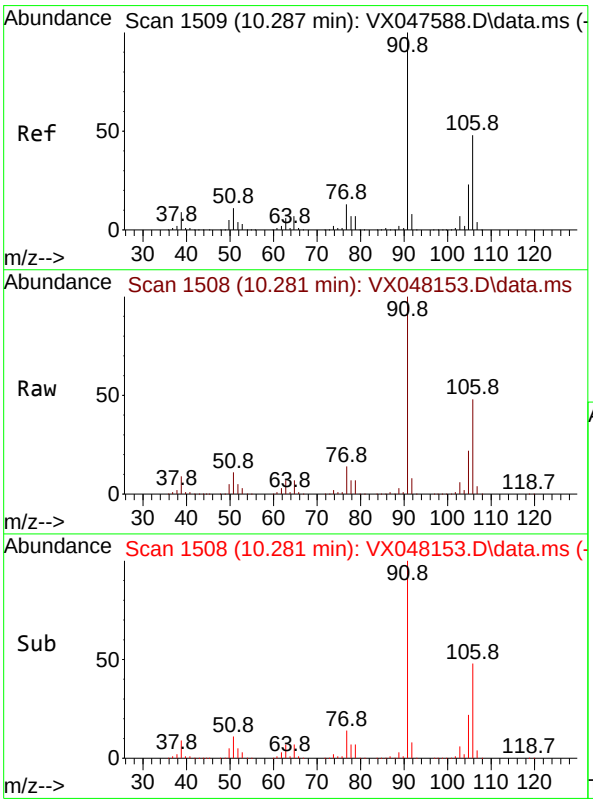
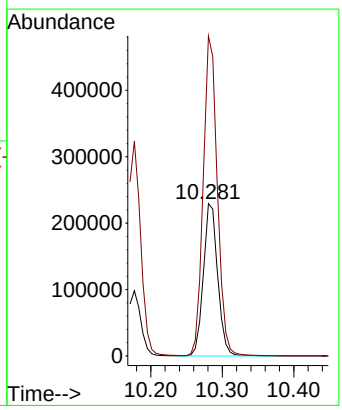
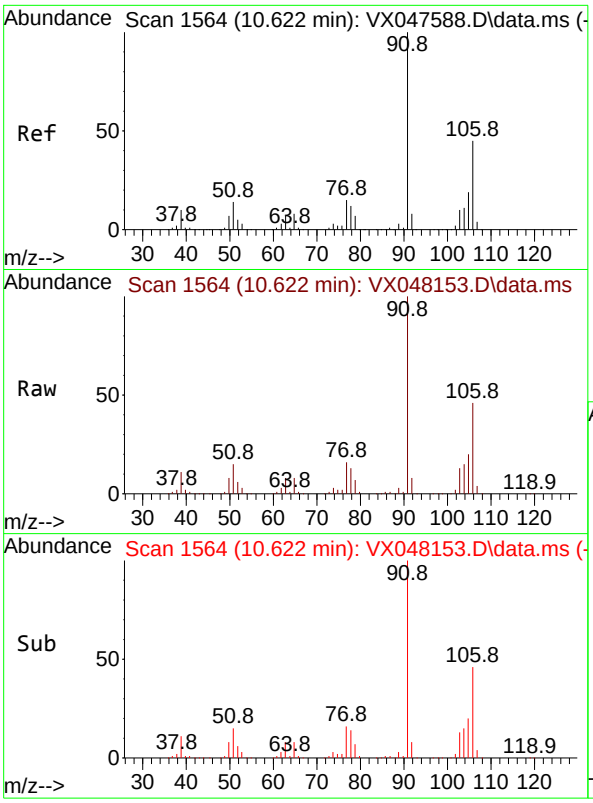


#68
m/p-Xylenes
Concen: 111.573 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:106 Resp: 318453

Ion	Ratio	Lower	Upper
106	100		
91	208.3	167.8	251.8

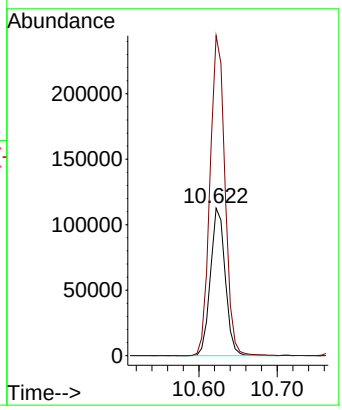




#69
o-Xylene
Concen: 53.430 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:106 Resp: 14750

Ion	Ratio	Lower	Upper
106	100		
91	219.5	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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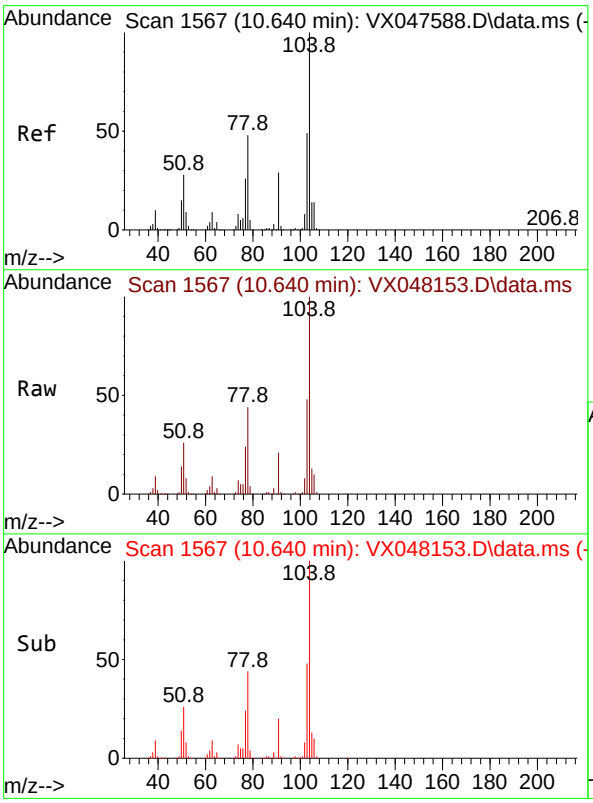
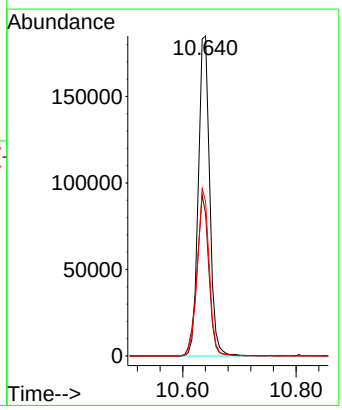
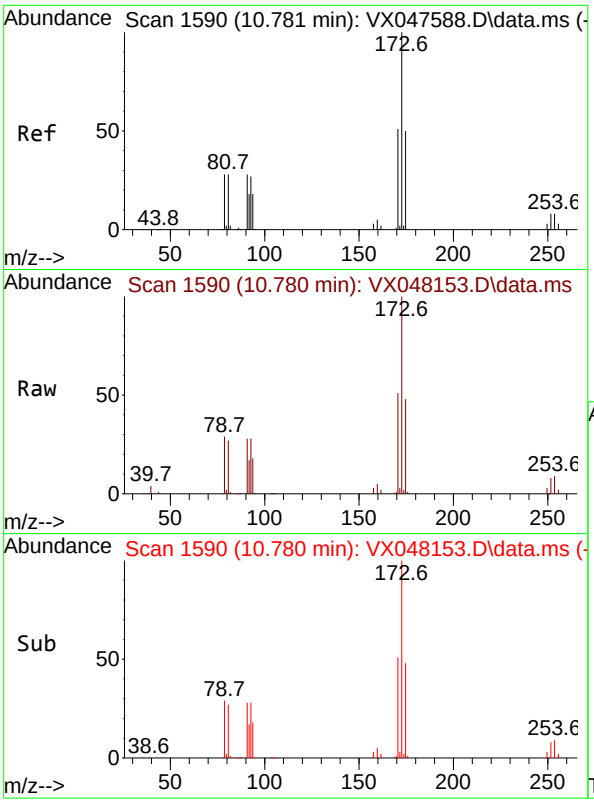


#70
Styrene
Concen: 53.377 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:104 Resp: 258201

Ion	Ratio	Lower	Upper
104	100		
78	52.6	43.1	64.7
103	54.7	43.1	64.7

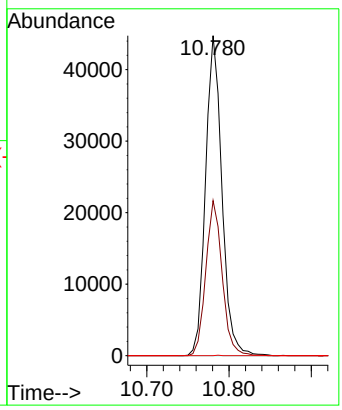




#71
Bromoform
Concen: 54.014 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:173 Resp: 6185

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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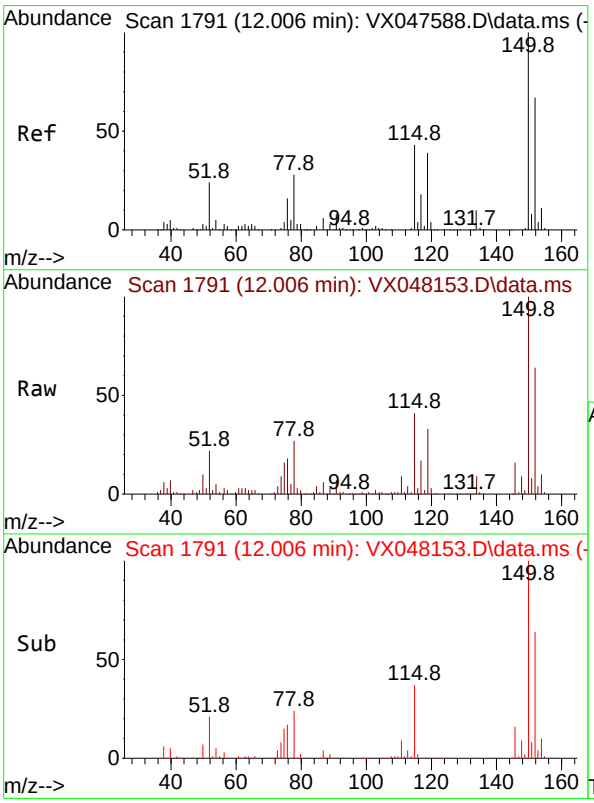
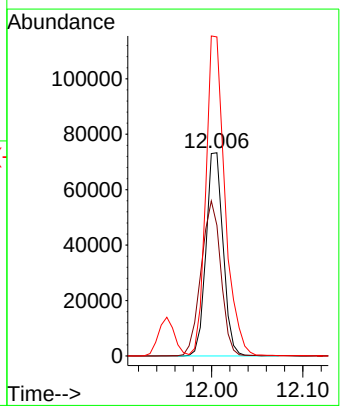
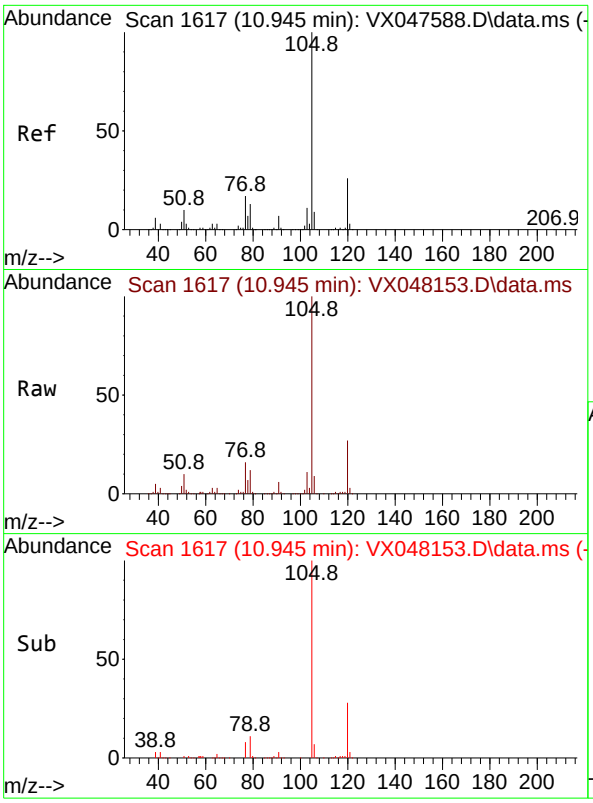


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:152 Resp: 95000

Ion	Ratio	Lower	Upper
152	100		
115	88.5	44.9	134.5
150	175.5	0.0	352.0

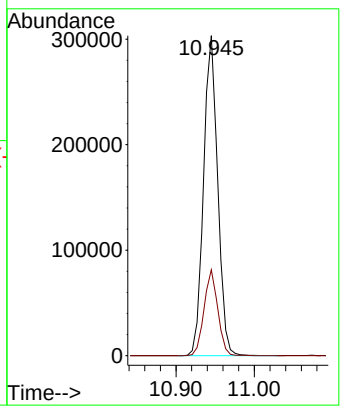




#73
Isopropylbenzene
Concen: 52.496 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:105 Resp: 37915

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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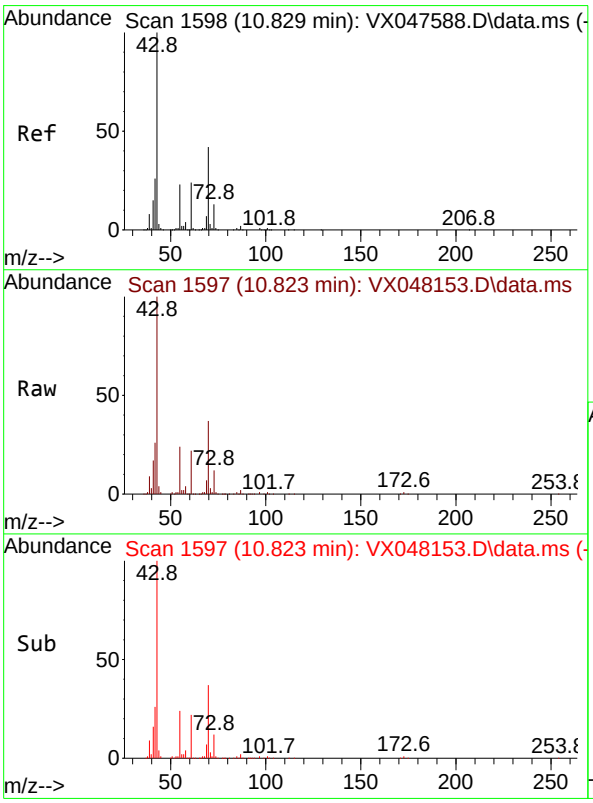
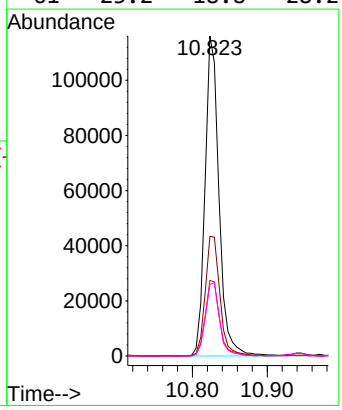
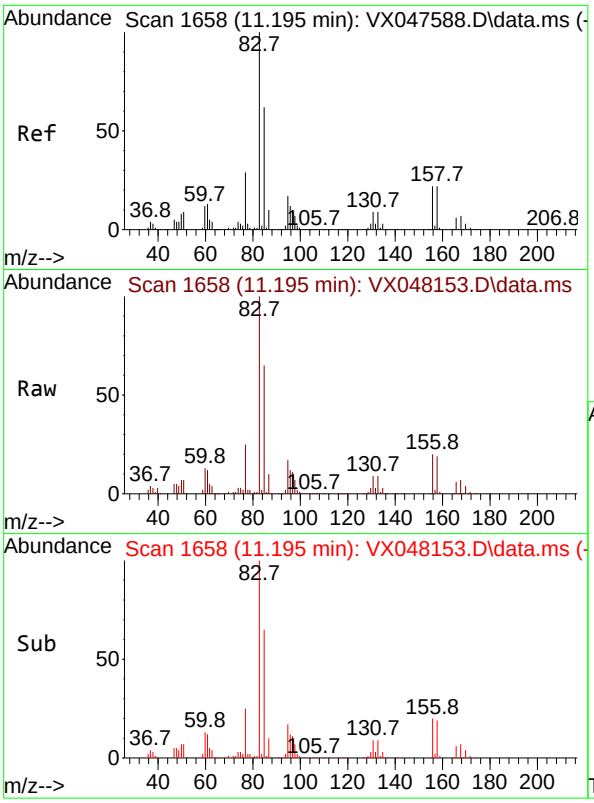


#74
N-amyl acetate
Concen: 45.741 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 43 Resp: 150652

Ion	Ratio	Lower	Upper
43	100		
70	39.4	32.0	48.0
55	24.7	18.9	28.3
61	23.2	18.8	28.2

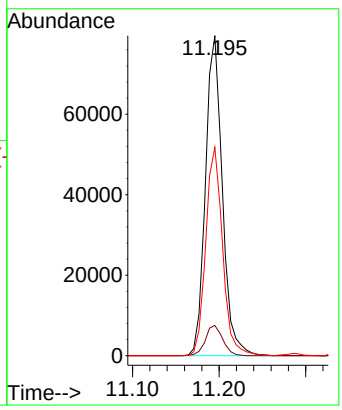




#75
1,1,2,2-Tetrachloroethane
Concen: 49.321 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 83 Resp: 10777

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.9	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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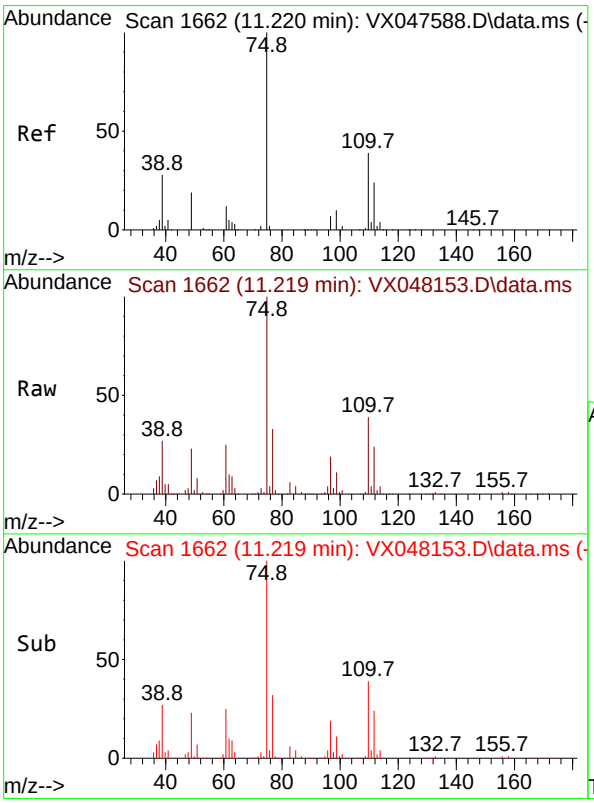
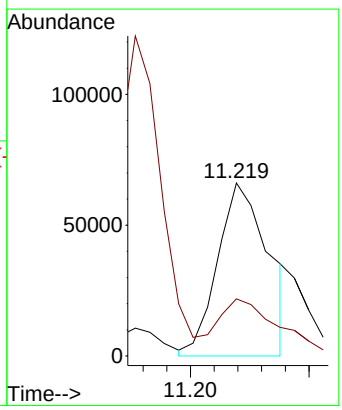
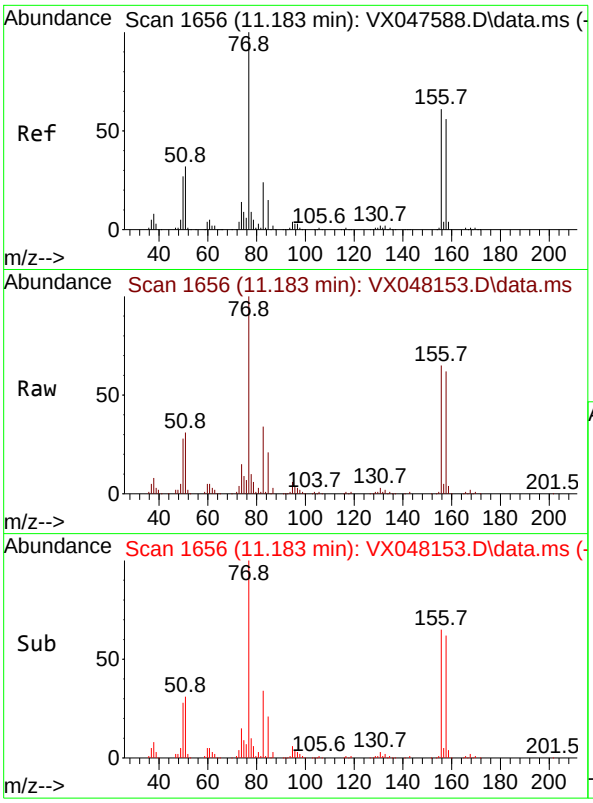


#76
1,2,3-Trichloropropane
Concen: 50.893 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 75 Resp: 97890

Ion	Ratio	Lower	Upper
75	100		
77	40.5	18.8	56.4





#77
Bromobenzene
Concen: 51.393 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:156 Resp: 9142

Ion	Ratio	Lower	Upper
156	100		
77	173.0	89.7	269.1
158	97.5	47.9	143.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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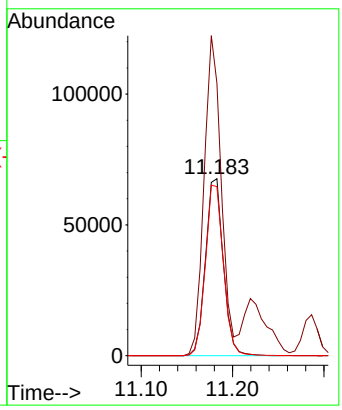
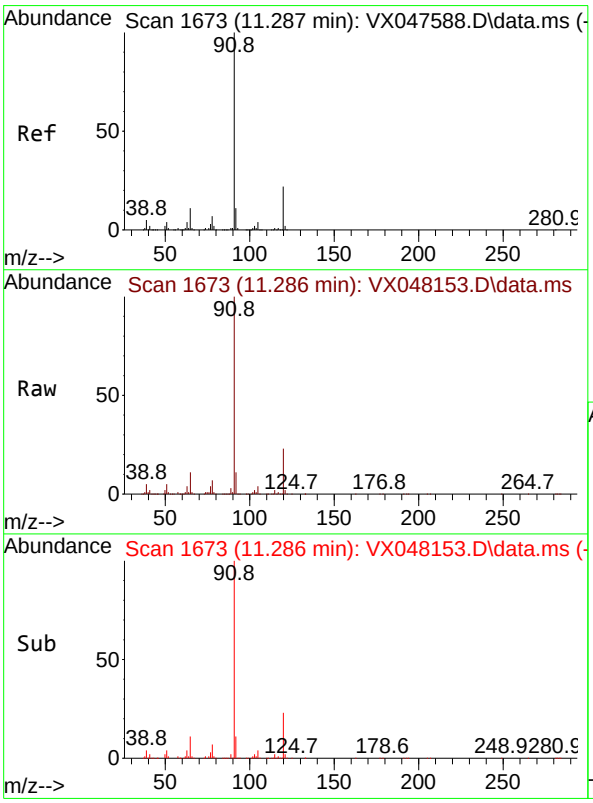
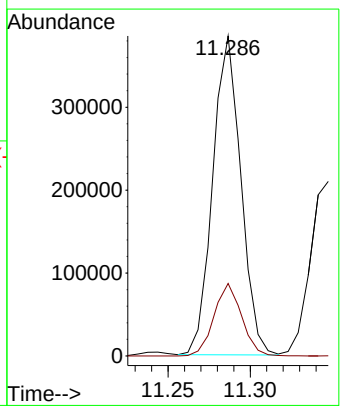


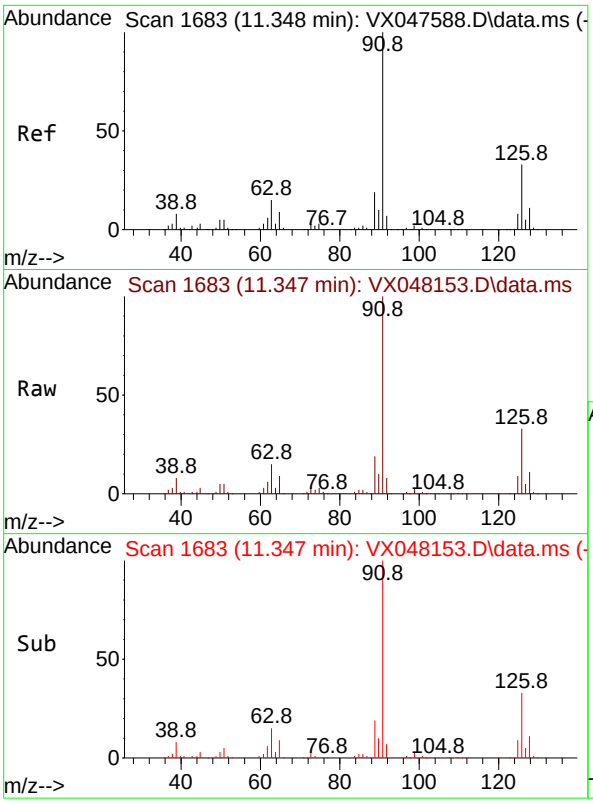


#78
n-propylbenzene
Concen: 53.607 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 91 Resp: 457693

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1

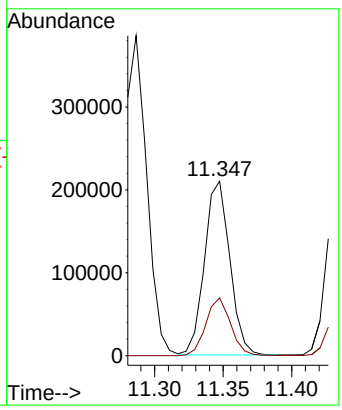




#79
2-Chlorotoluene
Concen: 51.503 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 91 Resp: 26932

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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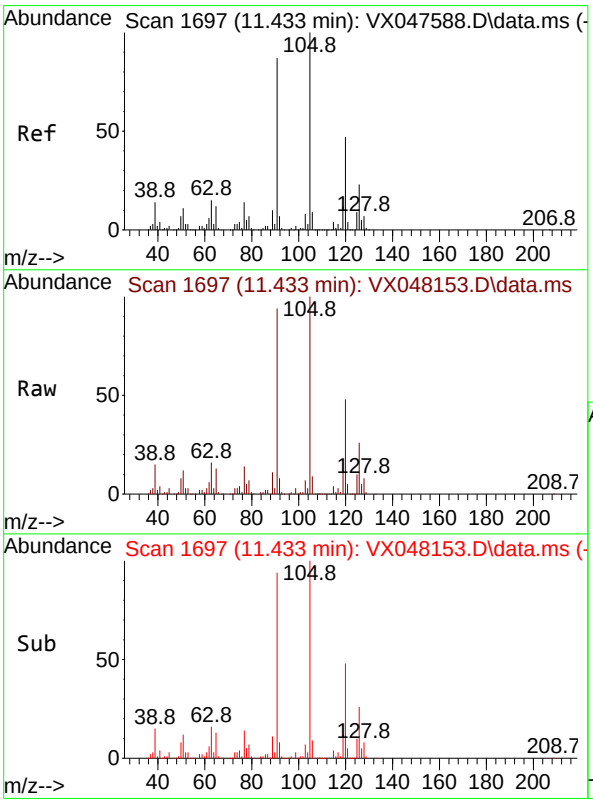
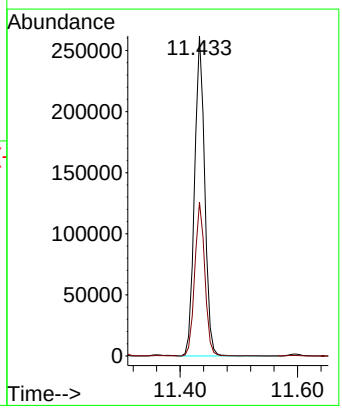
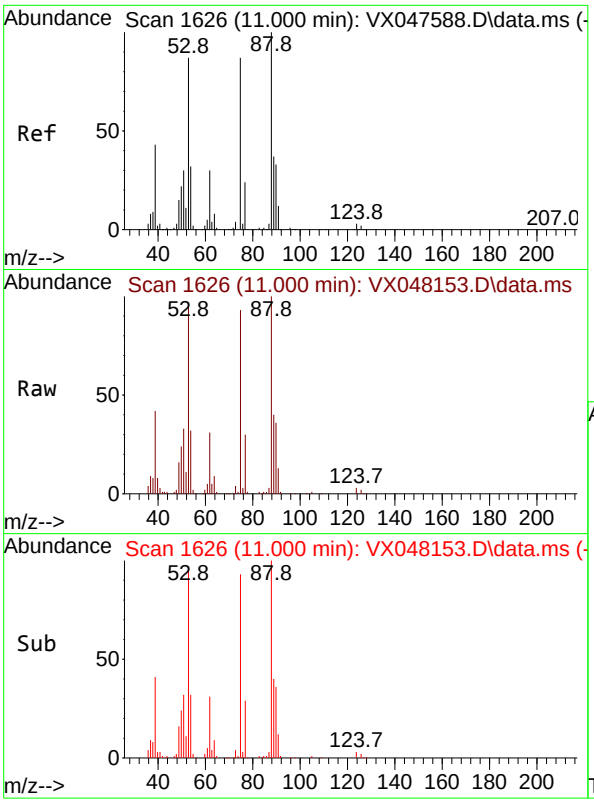


#80
1,3,5-Trimethylbenzene
Concen: 52.746 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:105 Resp: 312991

Ion	Ratio	Lower	Upper
105	100		
120	47.9	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 46.604 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 75 Resp: 3515

Ion	Ratio	Lower	Upper
75	100		
53	101.8	83.4	125.2
89	45.3	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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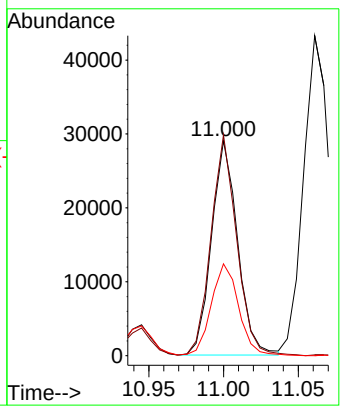
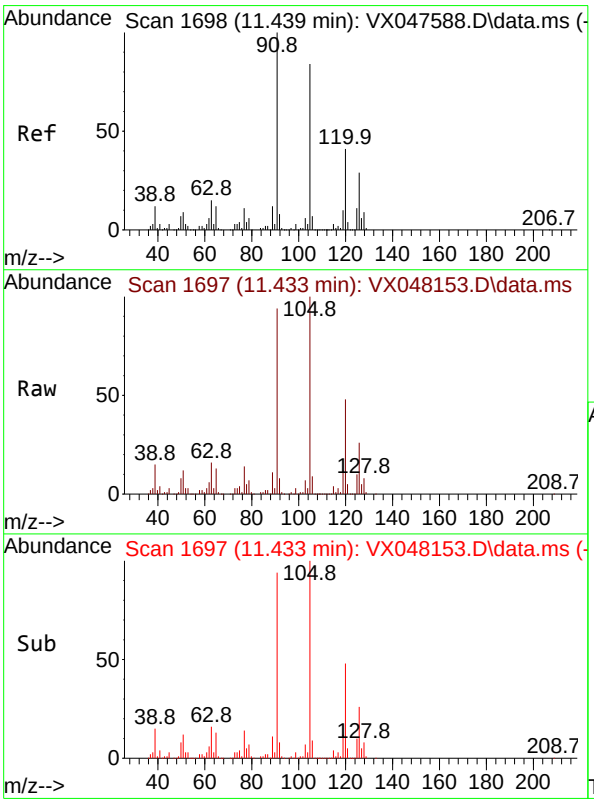
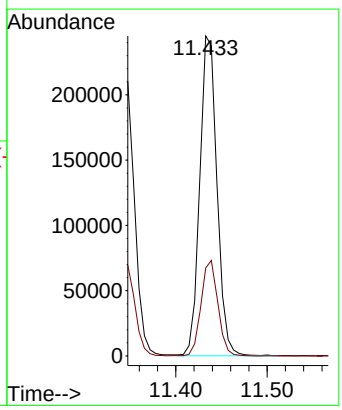


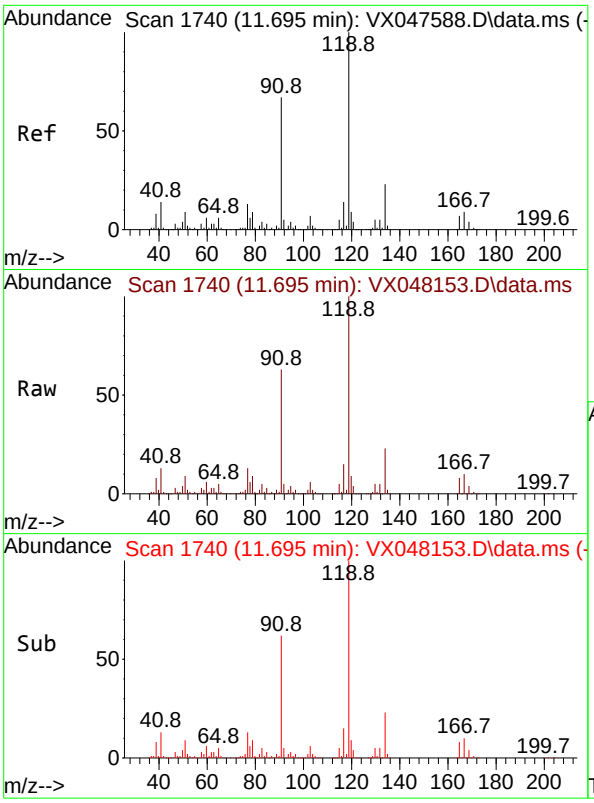


#82
4-Chlorotoluene
Concen: 51.769 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 91 Resp: 319730

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6

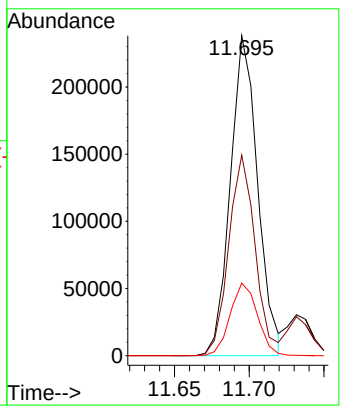




#83
tert-Butylbenzene
Concen: 49.789 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:119 Resp: 30243

Ion	Ratio	Lower	Upper
119	100		
91	60.9	29.6	88.8
134	22.8	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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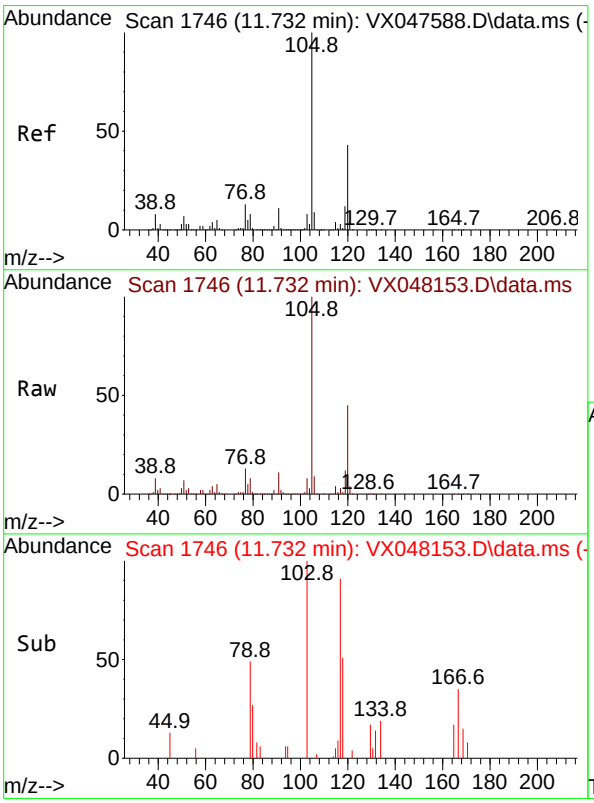
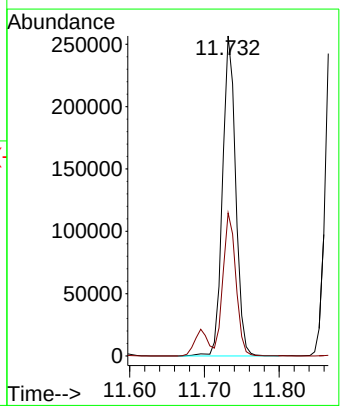
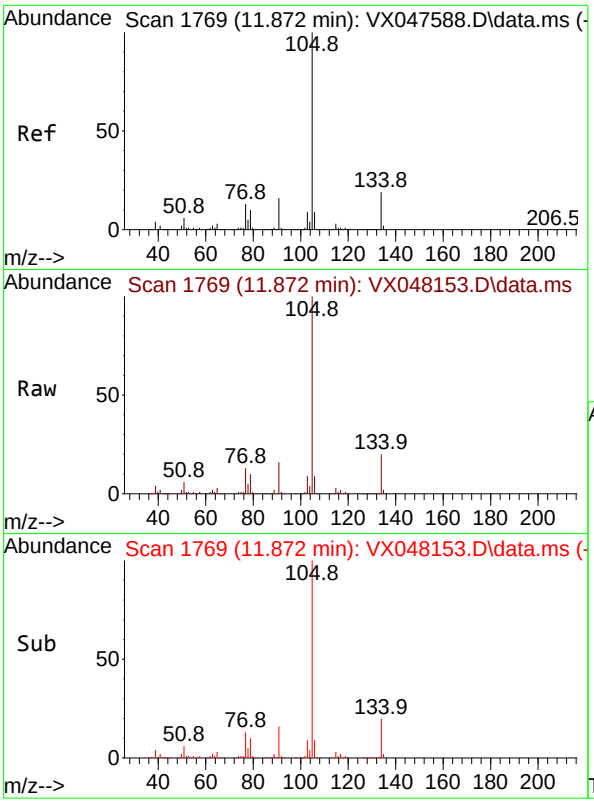


#84
1,2,4-Trimethylbenzene
Concen: 52.326 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:105 Resp: 314796

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1

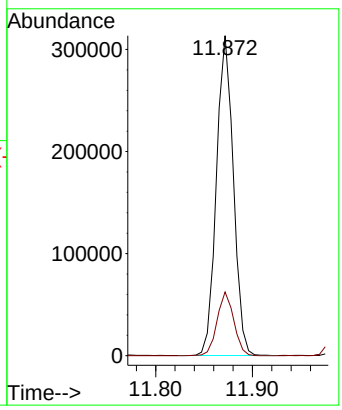




#85
sec-Butylbenzene
Concen: 52.657 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:105 Resp: 37993

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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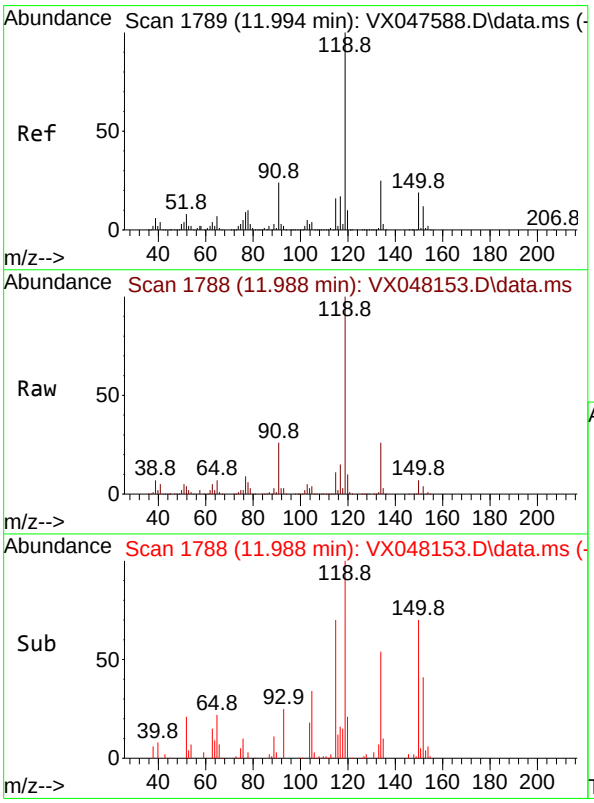
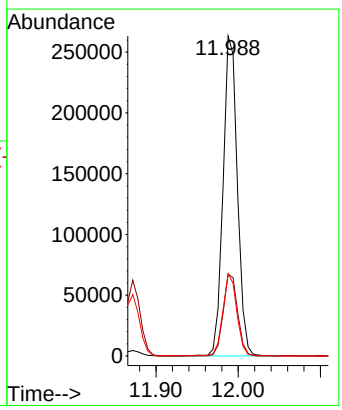
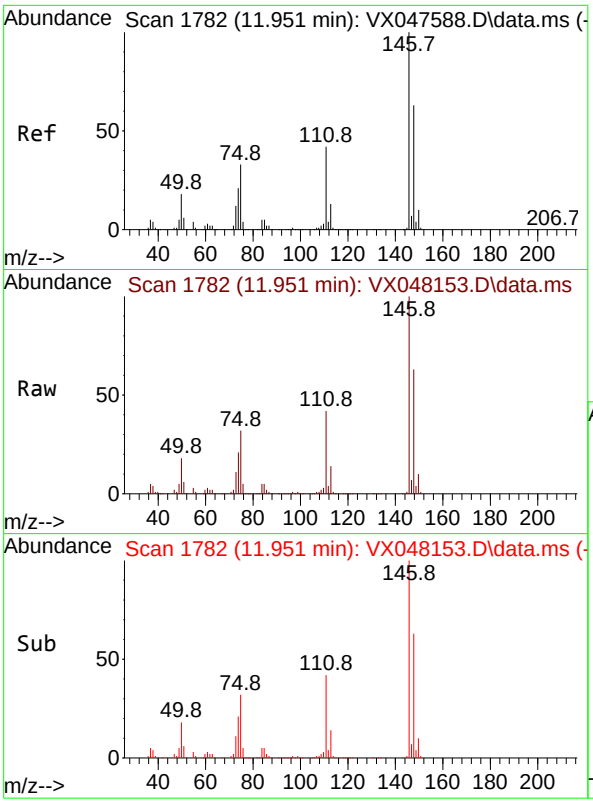


#86
p-Isopropyltoluene
Concen: 52.167 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:119 Resp: 318657

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	25.1	12.6	37.6

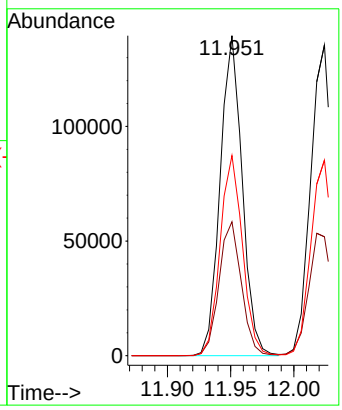




#87
1,3-Dichlorobenzene
Concen: 51.154 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:146 Resp: 16901

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.5	64.5
148	63.5	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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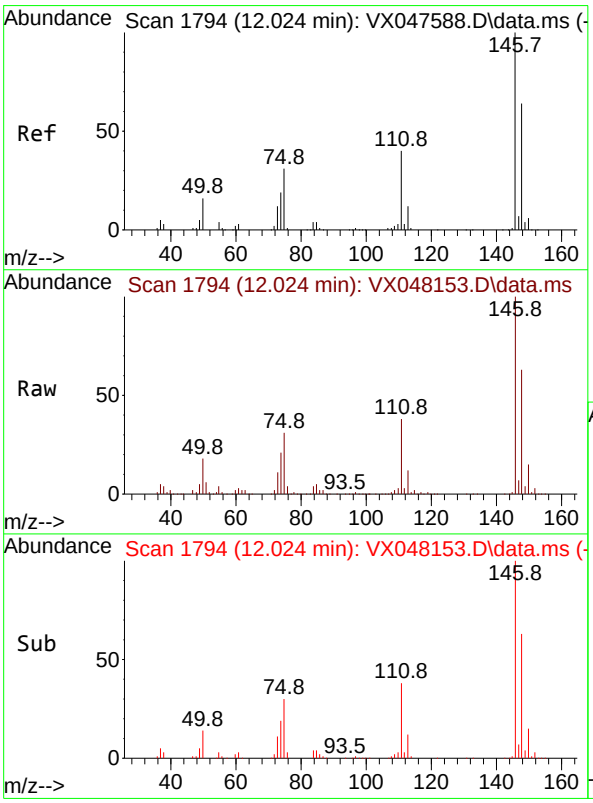
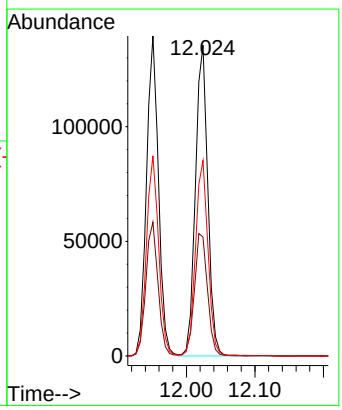
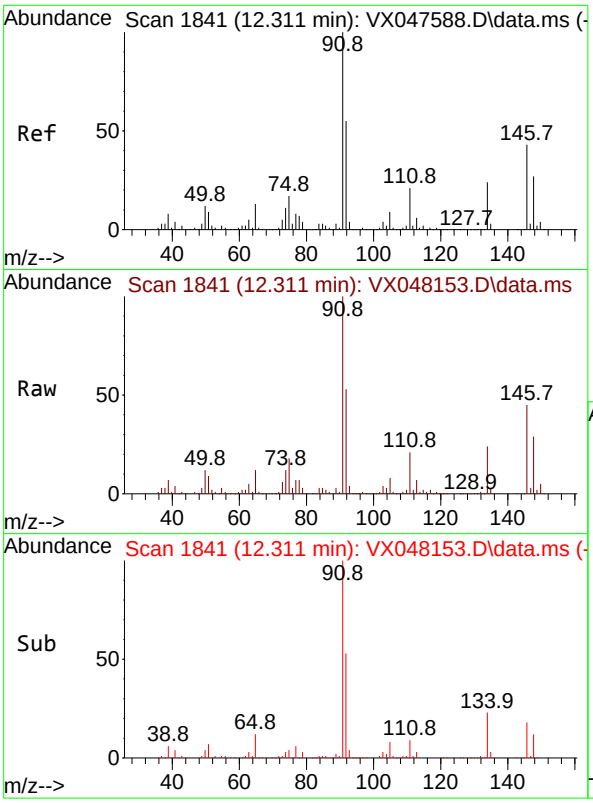


#88
1,4-Dichlorobenzene
Concen: 50.386 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:146 Resp: 170864

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	63.5	31.7	95.1

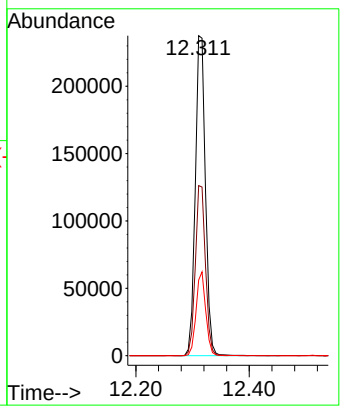




#89
n-Butylbenzene
Concen: 52.013 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 91 Resp: 29398

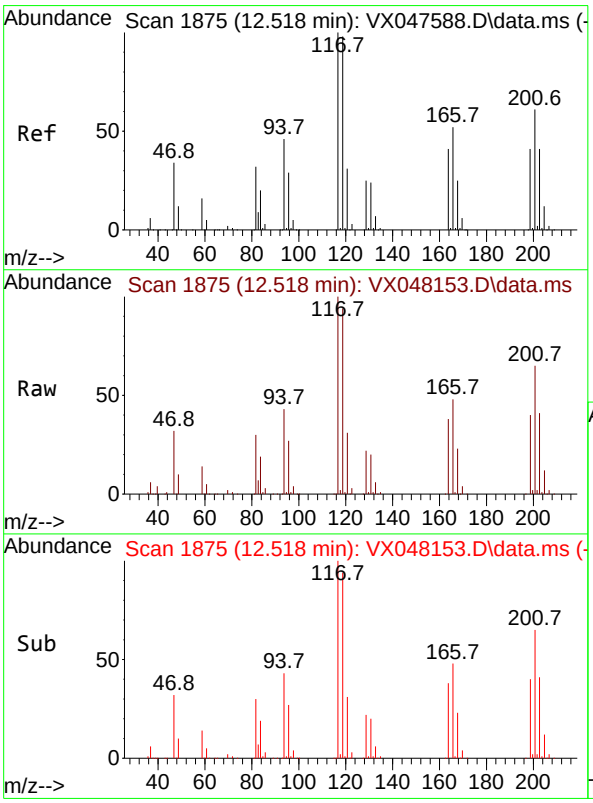
Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.6	82.7
134	24.9	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

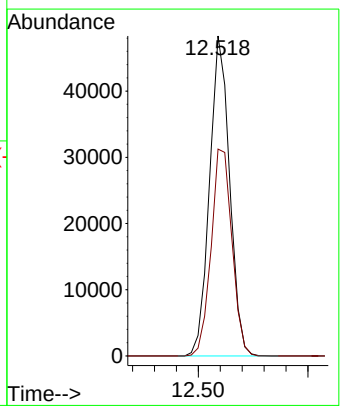
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

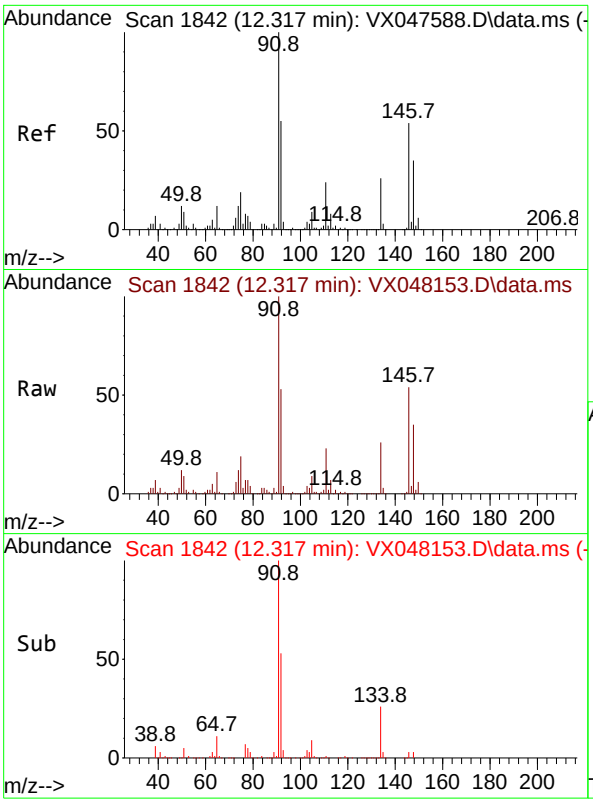


#90
Hexachloroethane
Concen: 57.198 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:117 Resp: 61342

Ion	Ratio	Lower	Upper
117	100		
201	67.4	34.2	102.5

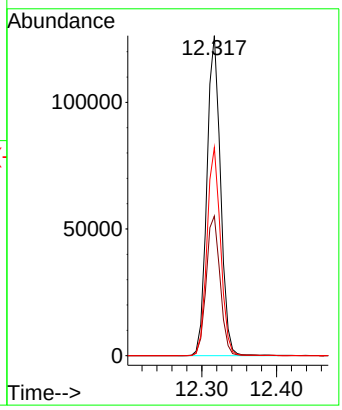




#91
1,2-Dichlorobenzene
Concen: 50.687 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:146 Resp: 15955

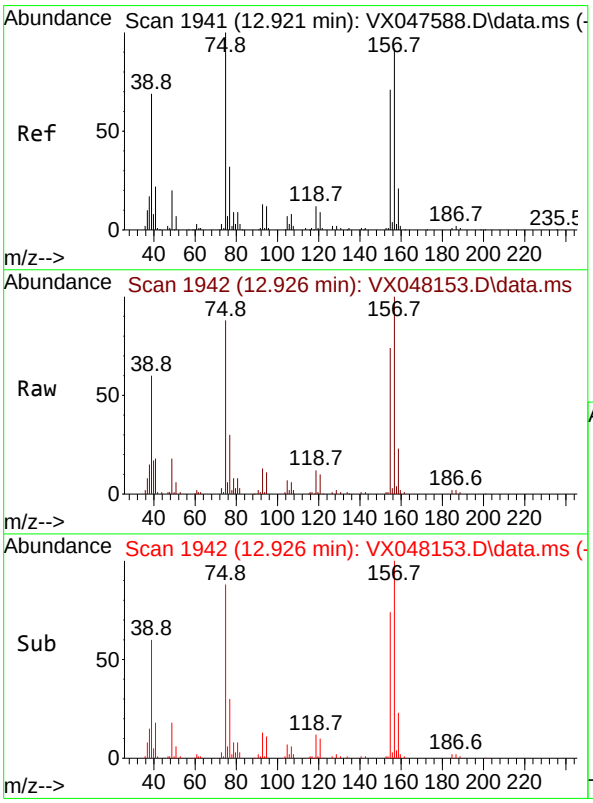
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	64.8	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

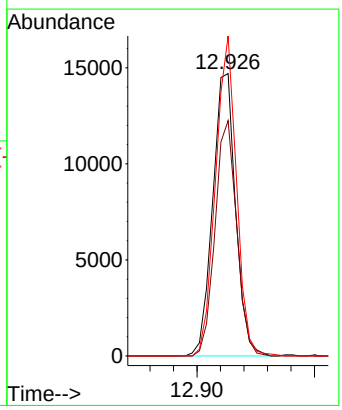
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

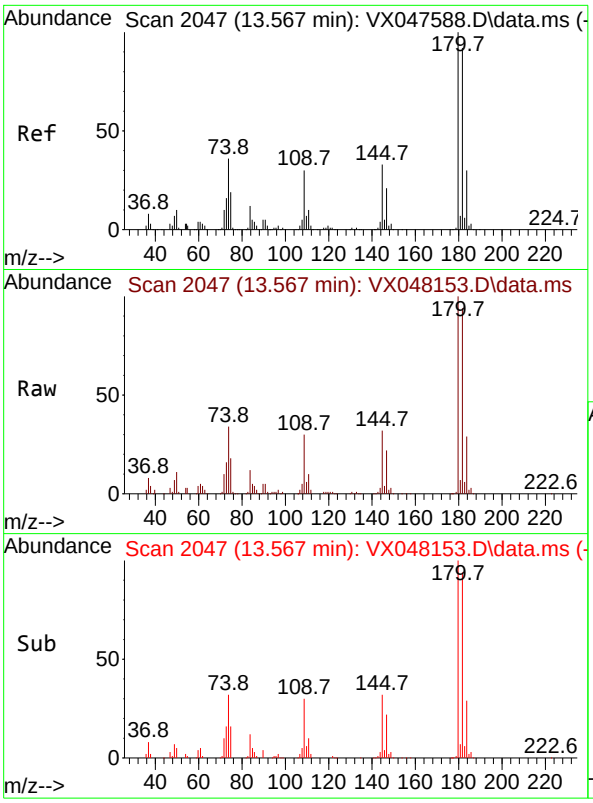


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.030 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion: 75 Resp: 19922

Ion	Ratio	Lower	Upper
75	100		
155	78.4	37.7	113.1
157	103.4	49.8	149.4

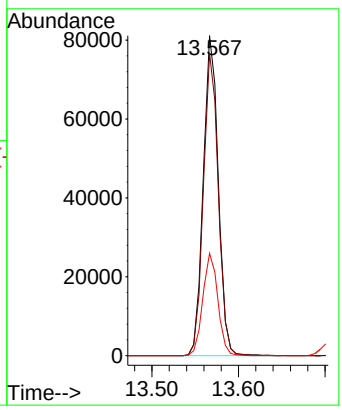




#93
1,2,4-Trichlorobenzene
Concen: 47.675 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:180 Resp: 9753

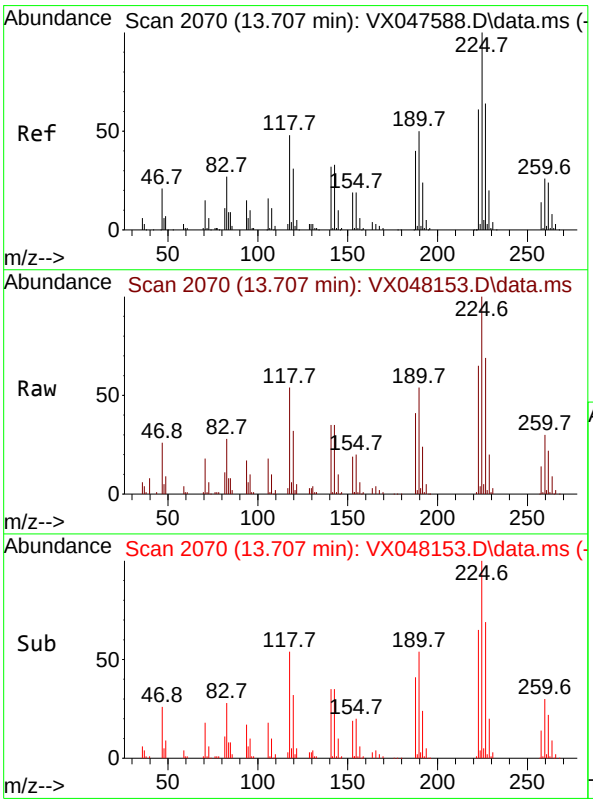
Ion	Ratio	Lower	Upper
180	100		
182	93.9	46.6	139.8
145	32.1	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

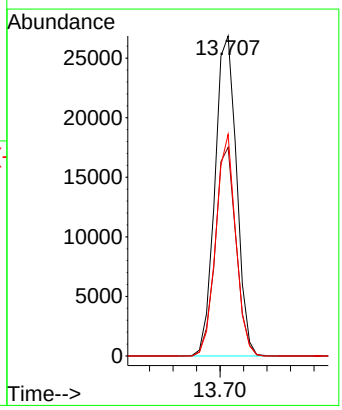
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

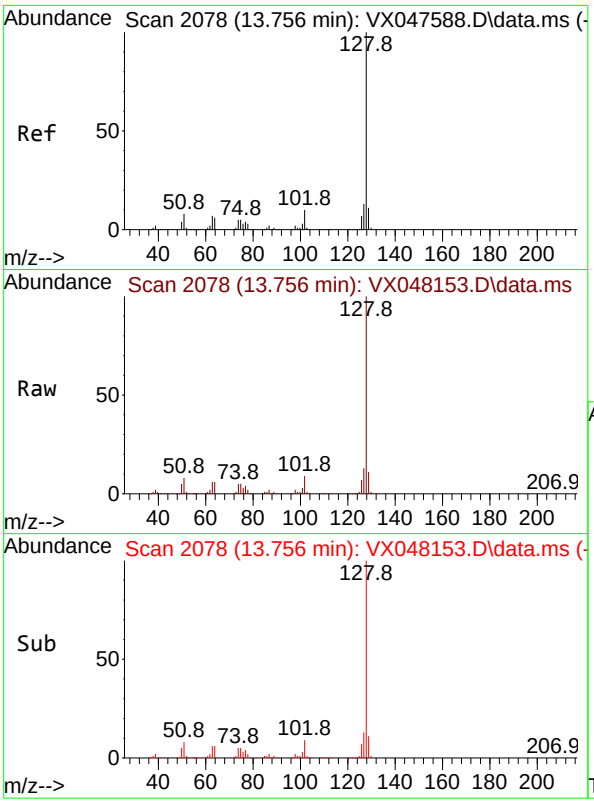


#94
Hexachlorobutadiene
Concen: 49.395 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:225 Resp: 34324

Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.7	95.1
227	63.6	32.0	96.0

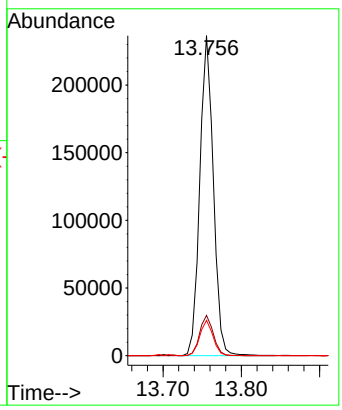




#95
Naphthalene
Concen: 45.578 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:128 Resp: 28393

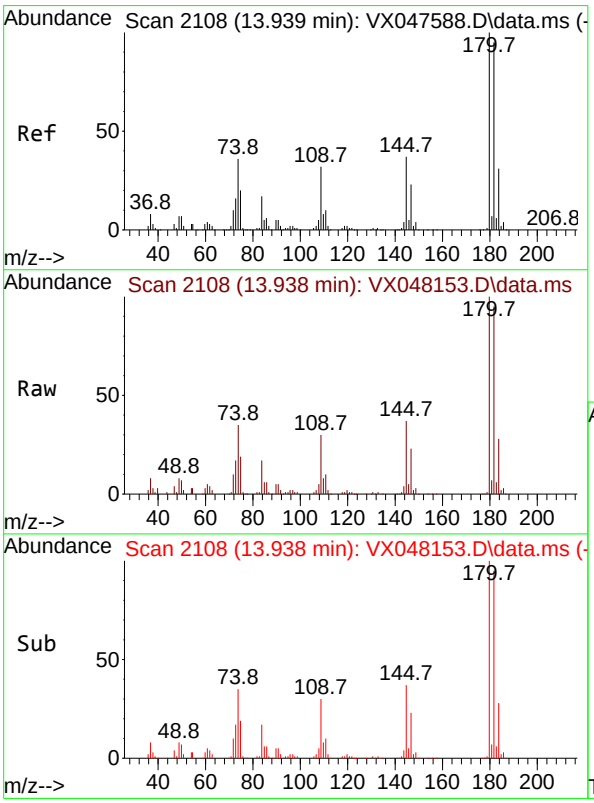
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

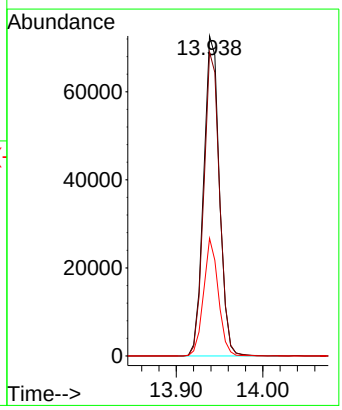
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.208 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048153.D
Acq: 14 Oct 2025 10:02

Tgt Ion:180 Resp: 91741

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	34.4	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	72	-0.01
2	T	Dichlorodifluoromethane	0.518	0.667	-28.8#	96	0.00
3	P	Chloromethane	0.680	0.757	-11.3	82	0.00
4	C	Vinyl Chloride	0.666	0.847	-27.2#	92	0.00
5	T	Bromomethane	0.422	0.520	-23.2	88	0.00
6	T	Chloroethane	0.445	0.518	-16.4	84	0.00
7	T	Trichlorofluoromethane	0.989	1.294	-30.8#	94	0.00
8	T	Diethyl Ether	0.405	0.430	-6.2	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.719	-24.4	89	0.00
10	T	Methyl Iodide	0.902	0.800	11.3	63	0.00
11	T	Tert butyl alcohol	0.089	0.076	14.6	61	0.00
12	CM	1,1-Dichloroethene	0.594	0.702	-18.2#	84	0.00
13	T	Acrolein	0.082	0.090	-9.8	79	0.00
14	T	Allyl chloride	1.226	1.248	-1.8	74	0.00
15	T	Acrylonitrile	0.328	0.333	-1.5	69	0.00
16	T	Acetone	0.346	0.318	8.1	72	0.00
17	T	Carbon Disulfide	1.626	2.086	-28.3#	96	0.00
18	T	Methyl Acetate	0.770	0.685	11.0	56	0.00
19	T	Methyl tert-butyl Ether	2.169	2.175	-0.3	70	0.00
20	T	Methylene Chloride	0.732	0.779	-6.4	77	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.738	-15.3	82	0.00
22	T	Diisopropyl ether	2.376	2.505	-5.4	73	-0.01
23	T	Vinyl Acetate	1.901	1.901	0.0	69	0.00
24	P	1,1-Dichloroethane	1.263	1.365	-8.1	76	0.00
25	T	2-Butanone	0.432	0.397	8.1	65	0.00
26	T	2,2-Dichloropropane	1.050	1.114	-6.1	75	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.834	-6.5	74	0.00
28	T	Bromochloromethane	0.551	0.528	4.2	66	-0.01
29	T	Tetrahydrofuran	0.260	0.244	6.2	64	0.00
30	C	Chloroform	1.276	1.395	-9.3#	76	0.00
31	T	Cyclohexane	1.052	1.169	-11.1	82	0.00
32	T	1,1,1-Trichloroethane	1.082	1.227	-13.4	78	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.845	-6.2	79	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35	S	Dibromofluoromethane	0.335	0.391	-16.7	82	0.00
36	T	1,1-Dichloropropene	0.490	0.555	-13.3	79	-0.01
37	T	Ethyl Acetate	0.525	0.503	4.2	65	-0.01
38	T	Carbon Tetrachloride	0.532	0.645	-21.2	83	-0.01
39	T	Methylcyclohexane	0.556	0.660	-18.7	81	0.00
40	TM	Benzene	1.488	1.679	-12.8	76	0.00
41	T	Methacrylonitrile	0.271	0.280	-3.3	68	0.00
42	TM	1,2-Dichloroethane	0.566	0.618	-9.2	73	0.00
43	T	Isopropyl Acetate	0.860	0.809	5.9	62	0.00
44	TM	Trichloroethene	0.360	0.415	-15.3	77	0.00
45	C	1,2-Dichloropropane	0.381	0.420	-10.2#	73	0.00
46	T	Dibromomethane	0.277	0.303	-9.4	73	0.00
47	T	Bromodichloromethane	0.572	0.658	-15.0	75	0.00
48	T	Methyl methacrylate	0.429	0.413	3.7	63	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.005	-25.0	67	0.00
50	S	Toluene-d8	1.160	1.287	-10.9	78	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.470	1.5	64	0.00
52	CM	Toluene	0.917	1.028	-12.1#	76	0.00
53	T	t-1,3-Dichloropropene	0.584	0.626	-7.2	70	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.683	-9.5	72	0.00
55	T	1,1,2-Trichloroethane	0.354	0.381	-7.6	72	0.00
56	T	Ethyl methacrylate	0.555	0.555	0.0	64	0.00
57	T	1,3-Dichloropropane	0.607	0.669	-10.2	72	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.272	-19.8	69	0.00
59	T	2-Hexanone	0.343	0.327	4.7	63	0.00
60	T	Dibromochloromethane	0.407	0.473	-16.2	75	0.00
61	T	1,2-Dibromoethane	0.360	0.394	-9.4	72	0.00
62	S	4-Bromofluorobenzene	0.440	0.491	-11.6	79	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64	T	Tetrachloroethene	0.326	0.383	-17.5	85	0.00
65	PM	Chlorobenzene	1.136	1.236	-8.8	76	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.443	-13.0	78	0.00
67	C	Ethyl Benzene	1.960	2.162	-10.3#	77	0.00
68	T	m/p-Xylenes	0.729	0.814	-11.7	77	0.00
69	T	o-Xylene	0.706	0.754	-6.8	73	0.00
70	T	Styrene	1.236	1.320	-6.8	74	0.00
71	P	Bromoform	0.293	0.316	-7.8	73	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73	T	Isopropylbenzene	3.801	3.991	-5.0	73	0.00
74	T	N-amyl acetate	1.733	1.586	8.5	63	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.134	1.4	69	0.00
76	T	1,2,3-Trichloropropane	1.012	1.030	-1.8	68	0.00
77	T	Bromobenzene	0.936	0.962	-2.8	72	0.00
78	T	n-propylbenzene	4.494	4.818	-7.2	75	0.00
79	T	2-Chlorotoluene	2.752	2.835	-3.0	72	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.295	-5.5	73	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.370	6.8	66	0.00
82	T	4-Chlorotoluene	3.251	3.366	-3.5	73	0.00
83	T	tert-Butylbenzene	3.197	3.184	0.4	70	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.314	-4.7	74	0.00
85	T	sec-Butylbenzene	3.797	3.999	-5.3	74	0.00
86	T	p-Isopropyltoluene	3.215	3.354	-4.3	73	0.00
87	T	1,3-Dichlorobenzene	1.739	1.779	-2.3	73	0.00
88	T	1,4-Dichlorobenzene	1.785	1.799	-0.8	73	0.00
89	T	n-Butylbenzene	2.975	3.095	-4.0	73	0.00
90	T	Hexachloroethane	0.564	0.646	-14.5	81	0.00
91	T	1,2-Dichlorobenzene	1.657	1.679	-1.3	72	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.210	9.9	61	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.027	4.6	66	0.00
94	T	Hexachlorobutadiene	0.366	0.361	1.4	70	0.00
95	T	Naphthalene	3.279	2.989	8.8	63	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.966	3.6	66	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	72	-0.01
2	T	Dichlorodifluoromethane	50.000	64.394	-28.8#	96	0.00
3	P	Chloromethane	50.000	55.622	-11.2	82	0.00
4	C	Vinyl Chloride	50.000	63.566	-27.1#	92	0.00
5	T	Bromomethane	50.000	61.550	-23.1	88	0.00
6	T	Chloroethane	50.000	58.162	-16.3	84	0.00
7	T	Trichlorofluoromethane	50.000	65.398	-30.8#	94	0.00
8	T	Diethyl Ether	50.000	53.186	-6.4	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	62.168	-24.3	89	0.00
10	T	Methyl Iodide	50.000	44.362	11.3	63	0.00
11	T	Tert butyl alcohol	250.000	213.436	14.6	61	0.00
12	CM	1,1-Dichloroethene	50.000	59.068	-18.1#	84	0.00
13	T	Acrolein	250.000	275.177	-10.1	79	0.00
14	T	Allyl chloride	50.000	50.919	-1.8	74	0.00
15	T	Acrylonitrile	250.000	253.713	-1.5	69	0.00
16	T	Acetone	250.000	229.513	8.2	72	0.00
17	T	Carbon Disulfide	50.000	64.145	-28.3#	96	0.00
18	T	Methyl Acetate	50.000	44.499	11.0	56	0.00
19	T	Methyl tert-butyl Ether	50.000	50.140	-0.3	70	0.00
20	T	Methylene Chloride	50.000	53.153	-6.3	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.678	-15.4	82	0.00
22	T	Diisopropyl ether	50.000	52.712	-5.4	73	-0.01
23	T	Vinyl Acetate	250.000	249.999	0.0	69	0.00
24	P	1,1-Dichloroethane	50.000	54.042	-8.1	76	0.00
25	T	2-Butanone	250.000	229.881	8.0	65	0.00
26	T	2,2-Dichloropropane	50.000	53.086	-6.2	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.263	-6.5	74	0.00
28	T	Bromochloromethane	50.000	47.909	4.2	66	-0.01
29	T	Tetrahydrofuran	250.000	234.875	6.0	64	0.00
30	C	Chloroform	50.000	54.659	-9.3#	76	0.00
31	T	Cyclohexane	50.000	55.594	-11.2	82	0.00
32	T	1,1,1-Trichloroethane	50.000	56.700	-13.4	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.069	-6.1	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35	S	Dibromofluoromethane	50.000	58.375	-16.8	82	0.00
36	T	1,1-Dichloropropene	50.000	56.673	-13.3	79	-0.01
37	T	Ethyl Acetate	50.000	47.964	4.1	65	-0.01
38	T	Carbon Tetrachloride	50.000	60.555	-21.1	83	-0.01
39	T	Methylcyclohexane	50.000	59.319	-18.6	81	0.00
40	TM	Benzene	50.000	56.422	-12.8	76	0.00
41	T	Methacrylonitrile	50.000	51.733	-3.5	68	0.00
42	TM	1,2-Dichloroethane	50.000	54.535	-9.1	73	0.00
43	T	Isopropyl Acetate	50.000	47.003	6.0	62	0.00
44	TM	Trichloroethene	50.000	57.700	-15.4	77	0.00
45	C	1,2-Dichloropropane	50.000	55.124	-10.2#	73	0.00
46	T	Dibromomethane	50.000	54.583	-9.2	73	0.00
47	T	Bromodichloromethane	50.000	57.493	-15.0	75	0.00
48	T	Methyl methacrylate	50.000	48.182	3.6	63	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1079.897	-8.0	67	0.00
50	S	Toluene-d8	50.000	55.475	-11.0	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.453	1.4	64	0.00
52	CM	Toluene	50.000	56.065	-12.1#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	53.629	-7.3	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.766	-9.5	72	0.00
55	T	1,1,2-Trichloroethane	50.000	53.920	-7.8	72	0.00
56	T	Ethyl methacrylate	50.000	49.978	0.0	64	0.00
57	T	1,3-Dichloropropane	50.000	55.058	-10.1	72	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.570	-2.2	69	0.00
59	T	2-Hexanone	250.000	238.613	4.6	63	0.00
60	T	Dibromochloromethane	50.000	58.035	-16.1	75	0.00
61	T	1,2-Dibromoethane	50.000	54.765	-9.5	72	0.00
62	S	4-Bromofluorobenzene	50.000	55.785	-11.6	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	58.763	-17.5	85	0.00
65	PM	Chlorobenzene	50.000	54.406	-8.8	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.554	-13.1	78	0.00
67	C	Ethyl Benzene	50.000	55.162	-10.3#	77	0.00
68	T	m/p-Xylenes	100.000	111.573	-11.6	77	0.00
69	T	o-Xylene	50.000	53.430	-6.9	73	0.00
70	T	Styrene	50.000	53.377	-6.8	74	0.00
71	P	Bromoform	50.000	54.014	-8.0	73	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73	T	Isopropylbenzene	50.000	52.496	-5.0	73	0.00
74	T	N-amyl acetate	50.000	45.741	8.5	63	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.321	1.4	69	0.00
76	T	1,2,3-Trichloropropane	50.000	50.893	-1.8	68	0.00
77	T	Bromobenzene	50.000	51.393	-2.8	72	0.00
78	T	n-propylbenzene	50.000	53.607	-7.2	75	0.00
79	T	2-Chlorotoluene	50.000	51.503	-3.0	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.746	-5.5	73	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.604	6.8	66	0.00
82	T	4-Chlorotoluene	50.000	51.769	-3.5	73	0.00
83	T	tert-Butylbenzene	50.000	49.789	0.4	70	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.326	-4.7	74	0.00
85	T	sec-Butylbenzene	50.000	52.657	-5.3	74	0.00
86	T	p-Isopropyltoluene	50.000	52.167	-4.3	73	0.00
87	T	1,3-Dichlorobenzene	50.000	51.154	-2.3	73	0.00
88	T	1,4-Dichlorobenzene	50.000	50.386	-0.8	73	0.00
89	T	n-Butylbenzene	50.000	52.013	-4.0	73	0.00
90	T	Hexachloroethane	50.000	57.198	-14.4	81	0.00
91	T	1,2-Dichlorobenzene	50.000	50.687	-1.4	72	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.030	9.9	61	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.675	4.7	66	0.00
94	T	Hexachlorobutadiene	50.000	49.395	1.2	70	0.00
95	T	Naphthalene	50.000	45.578	8.8	63	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048153.D
Acq On : 14 Oct 2025 10:02
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 15 02:39:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.208	3.6	66	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	CORE02
Lab Code:	ACE	SDG No.:	Q3311
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/17/2025 09:55
Lab File ID:	VX048201.D	Init. Calib. Date(s):	10/17/2025 10/17/2025
Heated Purge: (Y/N)	N	Init. Calib. Time(s):	08:45 10:36

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.525	0.517		-1.52	
Chloromethane	0.636	0.607		-4.56	
Vinyl Chloride	0.670	0.673		0.45	
Bromomethane	0.445	0.434		-2.47	
Chloroethane	0.426	0.404		-5.16	
Trichlorofluoromethane	1.052	1.030		-2.09	
1,1,2-Trichlorotrifluoroethane	0.593	0.581		-2.02	
1,1-Dichloroethene	0.579	0.569		-1.73	
Acetone	0.264	0.251		-4.92	
Carbon Disulfide	1.783	1.746		-2.13	
Methyl tert-butyl Ether	1.745	1.779		1.95	
Methyl Acetate	0.538	0.542		0.74	
Methylene Chloride	0.644	0.636		-1.24	
trans-1,2-Dichloroethene	0.599	0.614		2.5	
1,1-Dichloroethane	1.158	1.127		-2.68	
Cyclohexane	0.947	0.925		-2.32	
2-Butanone	0.308	0.314		1.95	
Carbon Tetrachloride	0.561	0.575		2.5	
cis-1,2-Dichloroethene	0.711	0.708		-0.42	
Bromochloromethane	0.534	0.563		5.43	
Chloroform	1.219	1.166		-4.35	
1,1,1-Trichloroethane	1.002	0.969		-3.29	
Methylcyclohexane	0.551	0.576		4.54	
Benzene	1.452	1.497		3.1	
1,2-Dichloroethane	0.520	0.546		5	
Trichloroethene	0.366	0.367		0.27	
1,2-Dichloropropane	0.367	0.377		2.72	
Bromodichloromethane	0.571	0.582		1.93	
4-Methyl-2-Pentanone	0.365	0.395		8.22	
Toluene	0.872	0.927		6.31	
t-1,3-Dichloropropene	0.535	0.568		6.17	
cis-1,3-Dichloropropene	0.583	0.617		5.83	
1,1,2-Trichloroethane	0.326	0.335		2.76	
2-Hexanone	0.255	0.277		8.63	
Dibromochloromethane	0.407	0.424		4.18	
1,2-Dibromoethane	0.334	0.346		3.59	
Tetrachloroethene	0.351	0.350		-0.28	
Chlorobenzene	1.093	1.125		2.93	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG No.: Q3311

Instrument ID: MSVOA_X | Calibration Date/Time: 10/17/2025 09:55

Lab File ID: VX048201.D | Init. Calib. Date(s): 10/17/2025 10/17/2025

Heated Purge: (Y/N) N | Init. Calib. Time(s): 08:45 10:36

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.874	1.980		5.66	
m/p-Xylenes	0.698	0.741		6.16	
o-Xylene	0.657	0.701		6.7	
Styrene	1.131	1.233		9.02	
Bromoform	0.289	0.298		3.11	
Isopropylbenzene	3.478	3.696		6.27	
1,1,2,2-Tetrachloroethane	0.985	1.015		3.05	
1,3-Dichlorobenzene	1.628	1.681		3.26	
1,4-Dichlorobenzene	1.687	1.718		1.84	
1,2-Dichlorobenzene	1.538	1.603		4.23	
1,2-Dibromo-3-Chloropropane	0.180	0.168		-6.67	
1,2,4-Trichlorobenzene	0.908	0.937		3.19	
1,2,3-Trichlorobenzene	0.838	0.914		9.07	
1,2-Dichloroethane-d4	0.775	0.732		-5.55	
Dibromofluoromethane	0.347	0.342		-1.44	
Toluene-d8	1.250	1.262		0.96	
4-Bromofluorobenzene	0.455	0.450		-1.1	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048201.D
Acq On : 17 Oct 2025 09:55
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 17 23:53:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	144905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	233738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	106047	47.240	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.480%			
35) Dibromofluoromethane	5.373	113	79879	49.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.480%			
50) Toluene-d8	8.635	98	294942	50.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.940%			
62) 4-Bromofluorobenzene	11.061	95	105186	49.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	74849	49.215	ug/l	100
3) Chloromethane	1.301	50	87915	47.716	ug/l	100
4) Vinyl Chloride	1.380	62	97480	50.210	ug/l	100
5) Bromomethane	1.618	94	62910	49.497	ug/l	100
6) Chloroethane	1.697	64	58491	47.342	ug/l	100
7) Trichlorofluoromethane	1.898	101	149320	49.000	ug/l	100
8) Diethyl Ether	2.136	74	50491	48.574	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	84158	49.008	ug/l	100
10) Methyl Iodide	2.459	142	107865	52.442	ug/l	100
11) Tert butyl alcohol	2.941	59	35192	236.264	ug/l	100
12) 1,1-Dichloroethene	2.325	96	82401	49.074	ug/l	100
13) Acrolein	2.233	56	72337	231.080	ug/l	100
14) Allyl chloride	2.666	41	147166	48.724	ug/l	100
15) Acrylonitrile	3.056	53	185879	260.427	ug/l	100
16) Acetone	2.374	43	181892	237.521	ug/l	100
17) Carbon Disulfide	2.514	76	252931	48.958	ug/l	100
18) Methyl Acetate	2.697	43	78566	50.371	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	257848	50.980	ug/l	100
20) Methylene Chloride	2.788	84	92216	49.431	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	88909	51.182	ug/l	100
22) Diisopropyl ether	3.751	45	298658	50.498	ug/l	100
23) Vinyl Acetate	3.715	43	1154967	261.168	ug/l	100
24) 1,1-Dichloroethane	3.605	63	163290	48.666	ug/l	100
25) 2-Butanone	4.538	43	227696	255.213	ug/l	100
26) 2,2-Dichloropropane	4.465	77	137645	47.994	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	102610	49.771	ug/l	100
28) Bromochloromethane	4.885	49	81597	52.757	ug/l	100
29) Tetrahydrofuran	4.989	42	134302	256.331	ug/l	100
30) Chloroform	5.080	83	168931	47.821	ug/l	100
31) Cyclohexane	5.458	56	134044	48.824	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	140456	48.391	ug/l	100
36) 1,1-Dichloropropene	5.684	75	117638	51.478	ug/l	100
37) Ethyl Acetate	4.696	43	94549	51.771	ug/l	100
38) Carbon Tetrachloride	5.666	117	134481	51.270	ug/l	100
39) Methylcyclohexane	7.367	83	134638	52.254	ug/l	100
40) Benzene	6.025	78	349840	51.556	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048201.D
Acq On : 17 Oct 2025 09:55
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 17 23:53:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	53392	54.588	ug/l		100
42) 1,2-Dichloroethane	6.068	62	127674	52.516	ug/l		100
43) Isopropyl Acetate	6.324	43	162898	53.135	ug/l		100
44) Trichloroethene	7.111	130	85828	50.188	ug/l		100
45) 1,2-Dichloropropane	7.415	63	88167	51.339	ug/l		100
46) Dibromomethane	7.568	93	62671	50.719	ug/l		100
47) Bromodichloromethane	7.806	83	136069	50.951	ug/l		100
48) Methyl methacrylate	7.678	41	83574	53.254	ug/l		100
49) 1,4-Dioxane	7.641	88	14628	1035.490	ug/l		100
51) 4-Methyl-2-Pentanone	8.555	43	461163	270.327	ug/l		100
52) Toluene	8.702	92	216685	53.129	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	132711	53.044	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	144189	52.875	ug/l		100
55) 1,1,2-Trichloroethane	9.135	97	78292	51.449	ug/l		100
56) Ethyl methacrylate	9.098	69	115491	55.800	ug/l		100
57) 1,3-Dichloropropane	9.293	76	137565	51.742	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	301874	237.498	ug/l		100
59) 2-Hexanone	9.415	43	323629	271.214	ug/l		100
60) Dibromochloromethane	9.506	129	99180	52.070	ug/l		100
61) 1,2-Dibromoethane	9.592	107	80814	51.792	ug/l		100
64) Tetrachloroethene	9.256	164	73122	49.965	ug/l		100
65) Chlorobenzene	10.061	112	234754	51.440	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	82328	50.061	ug/l		100
67) Ethyl Benzene	10.177	91	413167	52.808	ug/l		100
68) m/p-Xylenes	10.287	106	309325	106.125	ug/l		100
69) o-Xylene	10.622	106	146328	53.330	ug/l		100
70) Styrene	10.640	104	257332	54.486	ug/l		100
71) Bromoform	10.781	173	62282	51.573	ug/l	#	100
73) Isopropylbenzene	10.945	105	383184	53.140	ug/l		100
74) N-amyl acetate	10.823	43	143916	53.500	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	105230	51.513	ug/l		100
76) 1,2,3-Trichloropropane	11.220	75	83086m	52.482	ug/l		
77) Bromobenzene	11.177	156	92708	51.377	ug/l		100
78) n-propylbenzene	11.287	91	461479	52.775	ug/l		100
79) 2-Chlorotoluene	11.348	91	269780	51.065	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	314287	53.099	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	34185	52.874	ug/l		100
82) 4-Chlorotoluene	11.433	91	325295	52.395	ug/l		100
83) tert-Butylbenzene	11.695	119	307163	51.367	ug/l		100
84) 1,2,4-Trimethylbenzene	11.732	105	316687	53.732	ug/l		100
85) sec-Butylbenzene	11.872	105	375832	51.411	ug/l		100
86) p-Isopropyltoluene	11.988	119	326853	53.044	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	174303	51.652	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	178082	50.909	ug/l		100
89) n-Butylbenzene	12.311	91	302597	52.723	ug/l		100
90) Hexachloroethane	12.518	117	64788	49.815	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	166224	52.135	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17468	46.797	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	97102	51.590	ug/l		100
94) Hexachlorobutadiene	13.701	225	35845	49.380	ug/l		100
95) Naphthalene	13.756	128	273763	55.178	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	94728	54.549	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048201.D
Acq On : 17 Oct 2025 09:55
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 17 23:53:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048201.D
Acq On : 17 Oct 2025 09:55
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 17 23:53:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 17 23:49:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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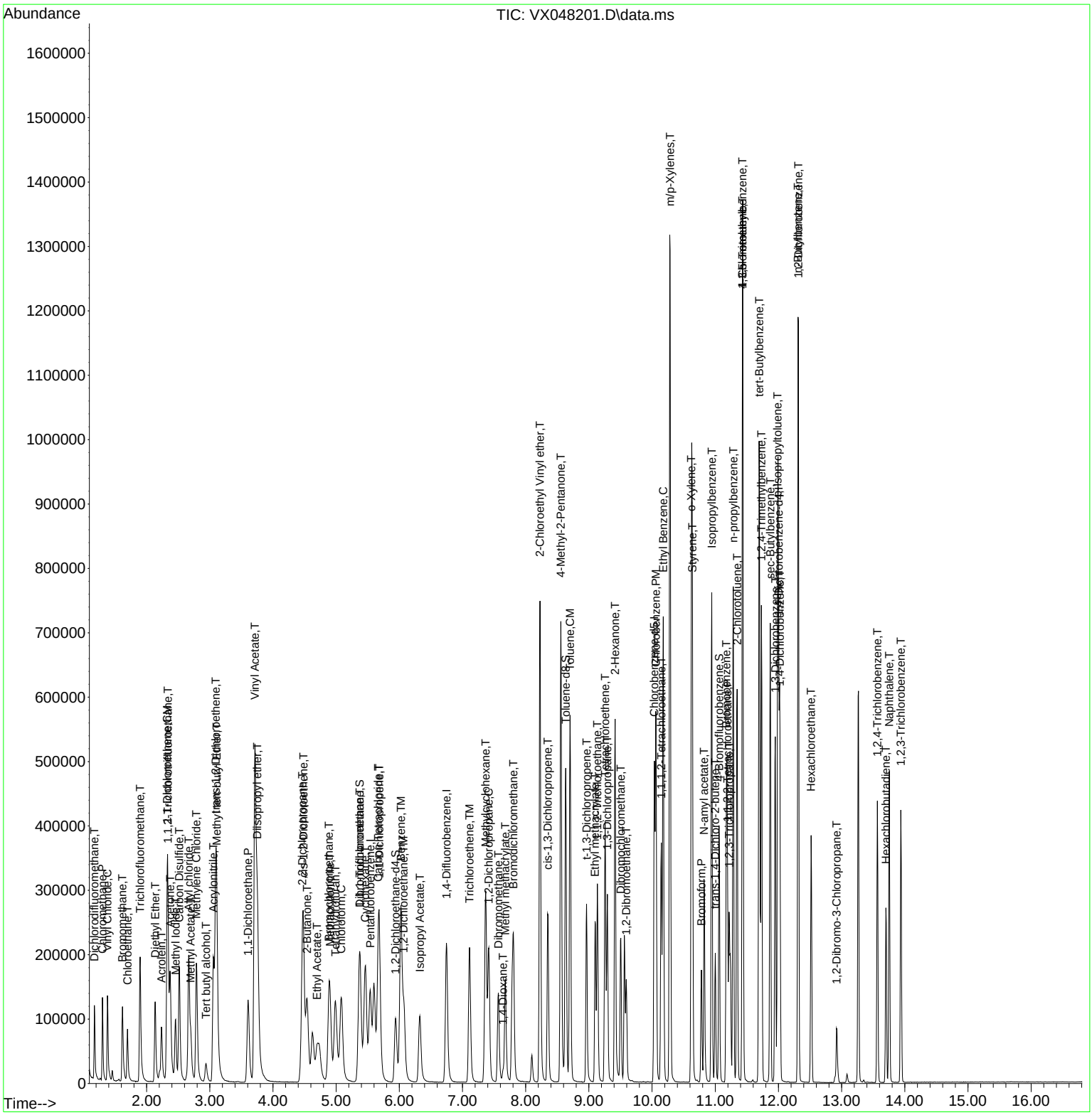
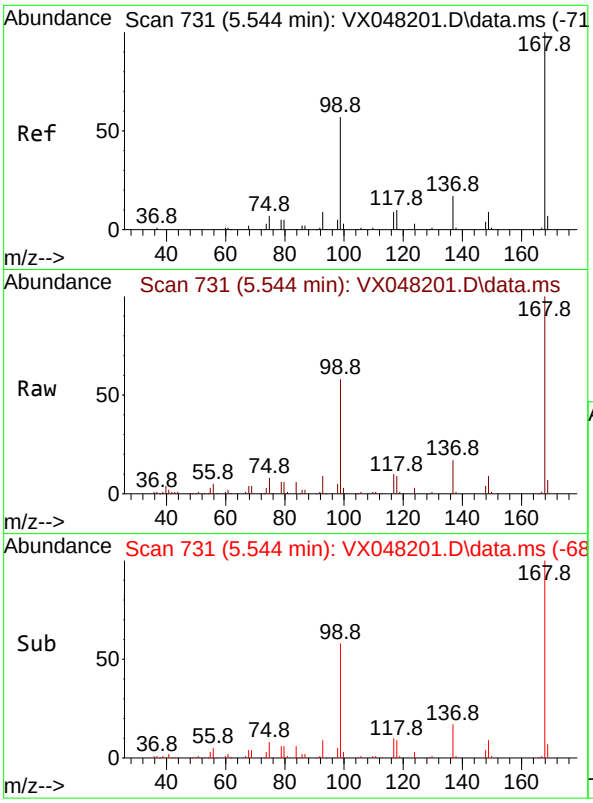
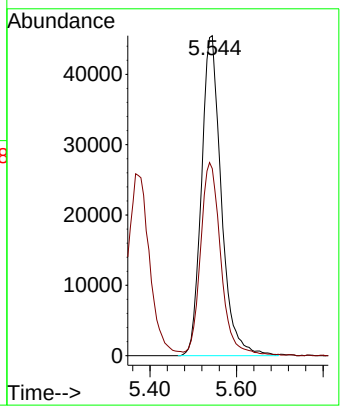




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:168 Resp: 14490

Ion	Ratio	Lower	Upper
168	100		
99	58.0	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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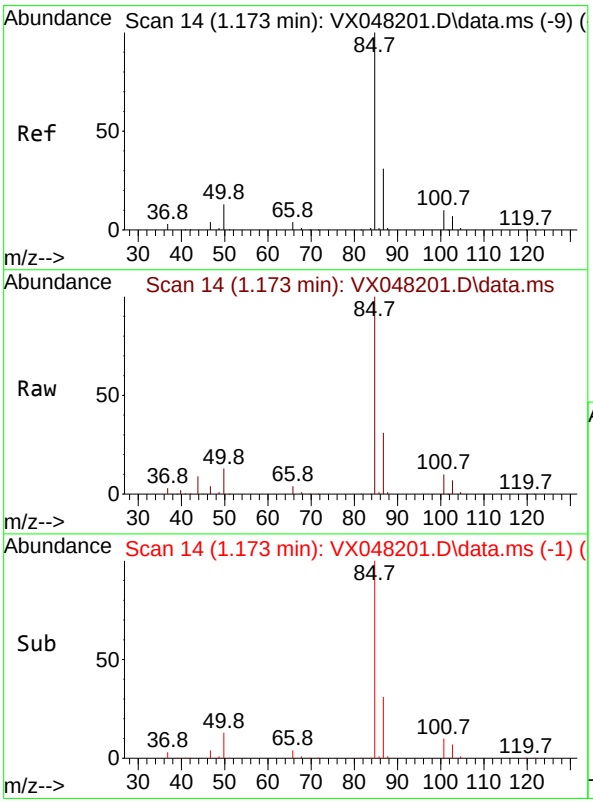
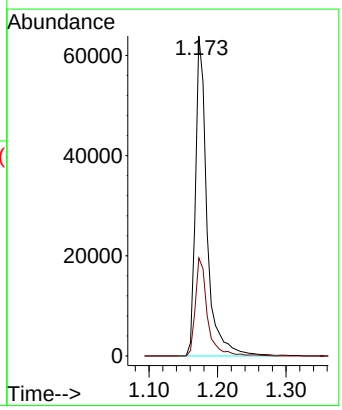
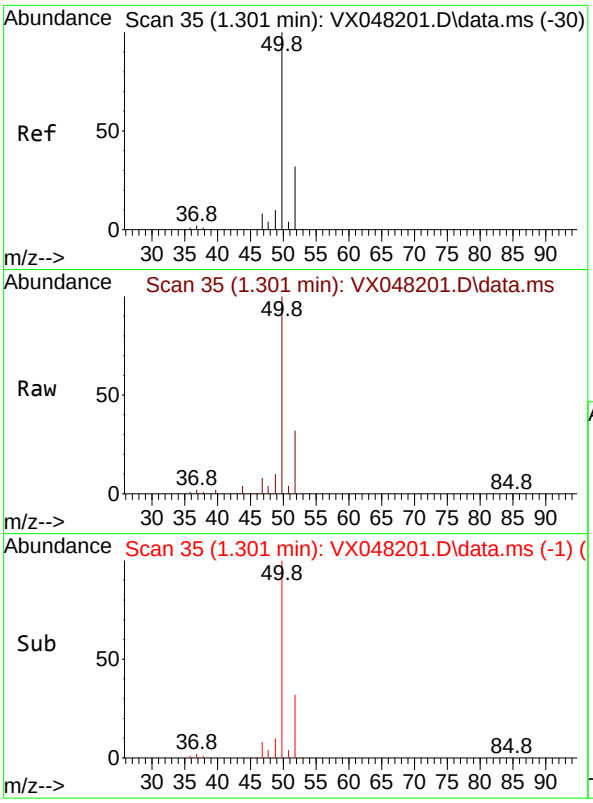


#2
Dichlorodifluoromethane
Concen: 49.215 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 85 Resp: 74849

Ion	Ratio	Lower	Upper
85	100		
87	30.6	15.3	45.9

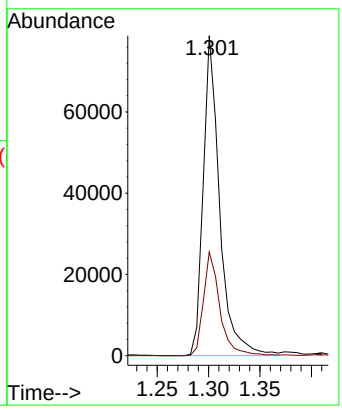




#3
Chloromethane
Concen: 47.716 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 50 Resp: 8791

Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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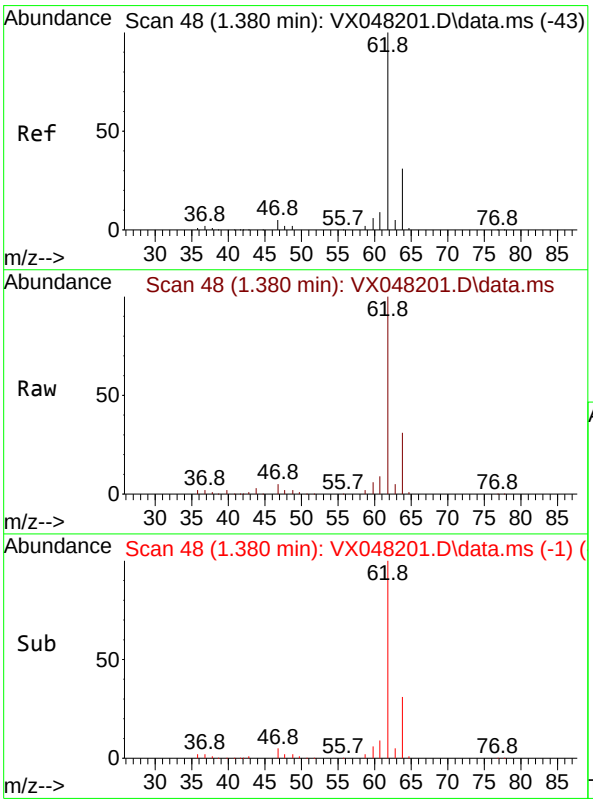
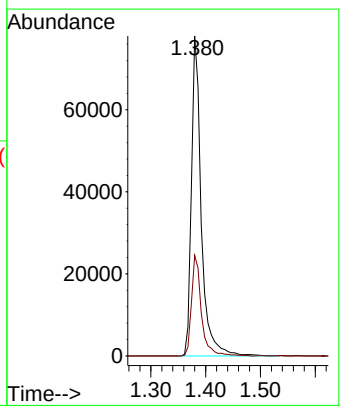
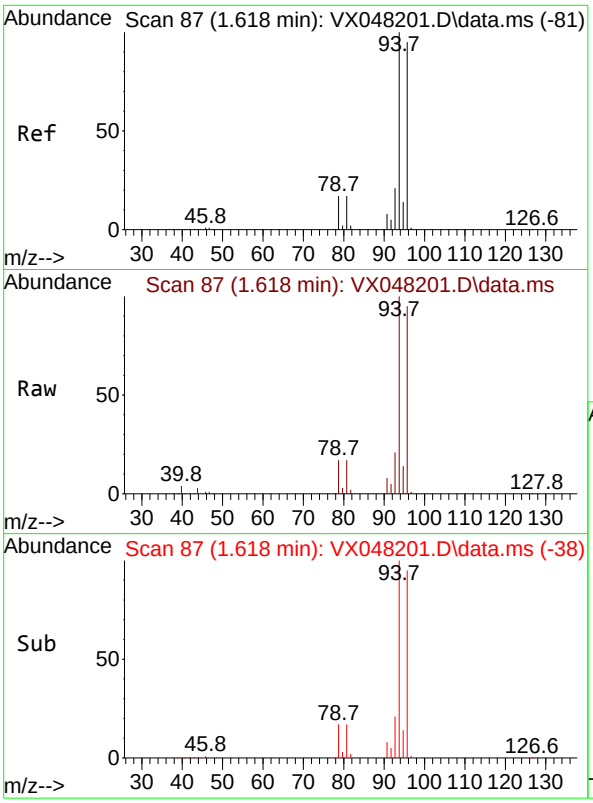


#4
Vinyl Chloride
Concen: 50.210 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 62 Resp: 97480

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.1	37.7

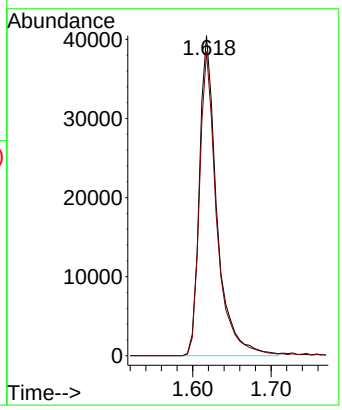




#5
Bromomethane
Concen: 49.497 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 94 Resp: 6291

Ion	Ratio	Lower	Upper
94	100		
96	95.0	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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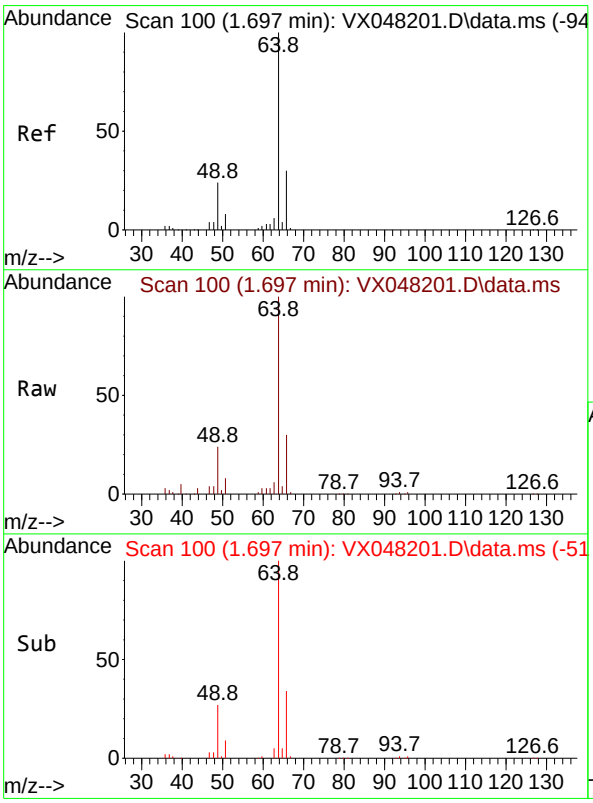
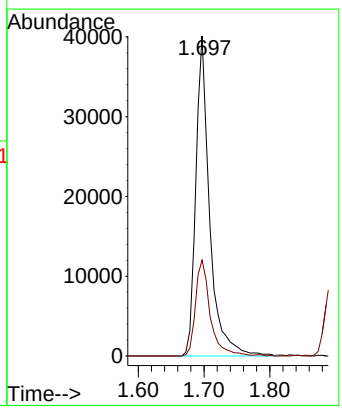
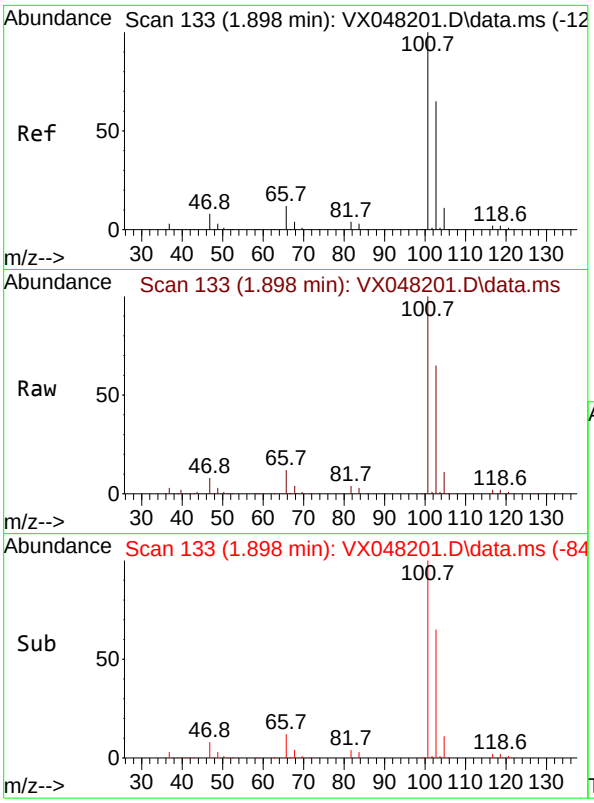


#6
Chloroethane
Concen: 47.342 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 64 Resp: 58491

Ion	Ratio	Lower	Upper
64	100		
66	29.9	23.9	35.9

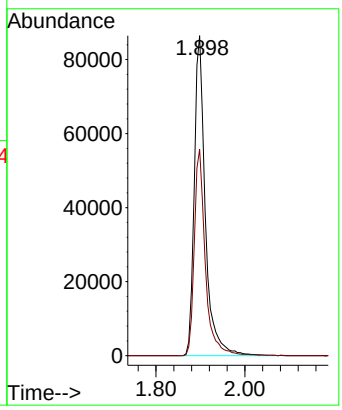




#7
Trichlorofluoromethane
Concen: 49.000 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:101 Resp: 14932

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.6	77.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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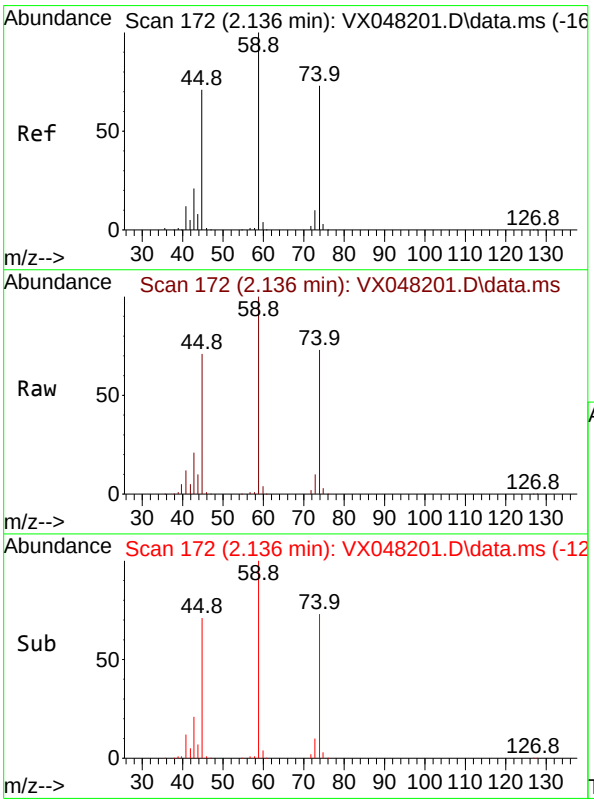
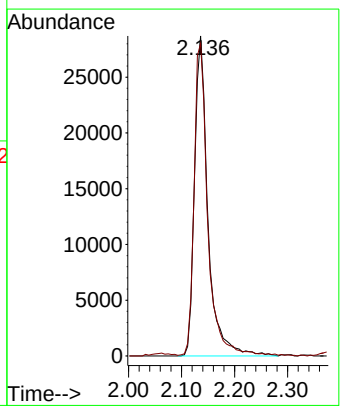
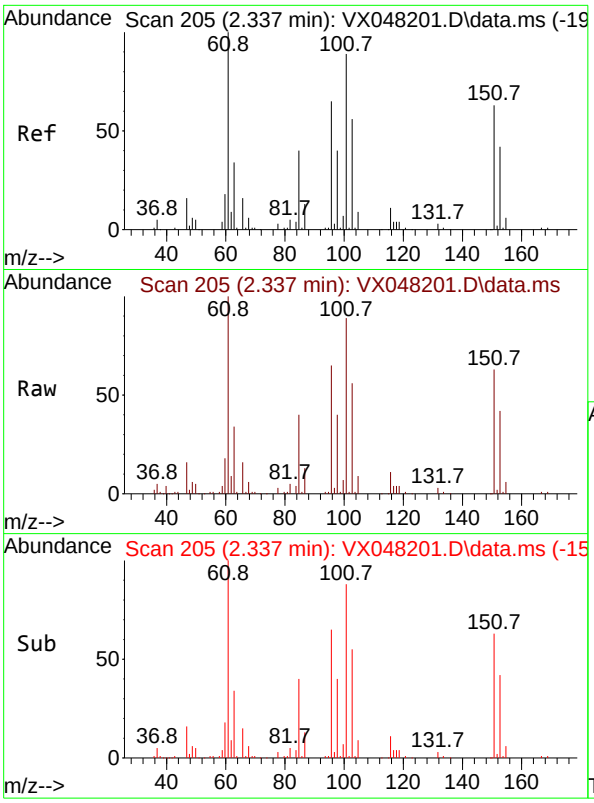


#8
Diethyl Ether
Concen: 48.574 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 74 Resp: 50491

Ion	Ratio	Lower	Upper
74	100		
45	99.9	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.008 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:101 Resp: 8415

Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.6	53.4
151	72.5	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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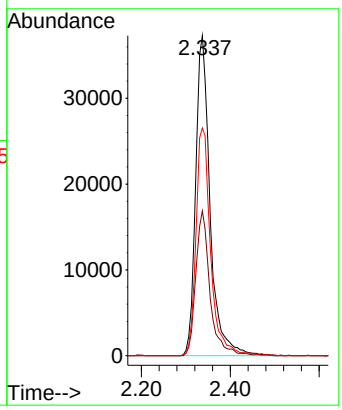
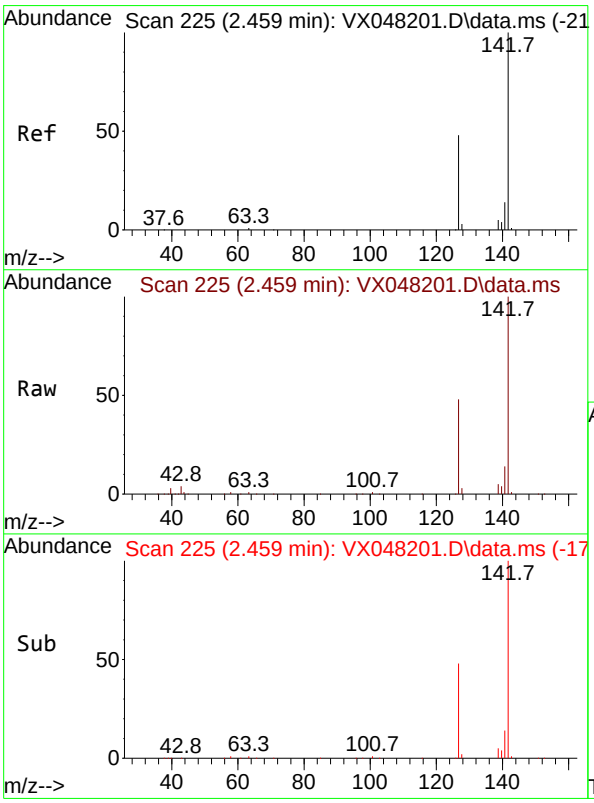
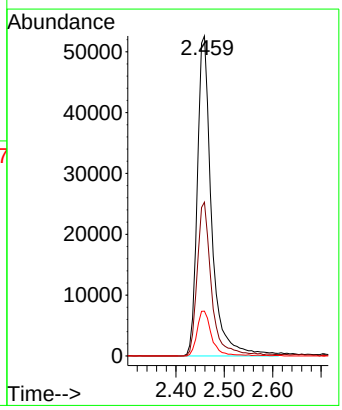


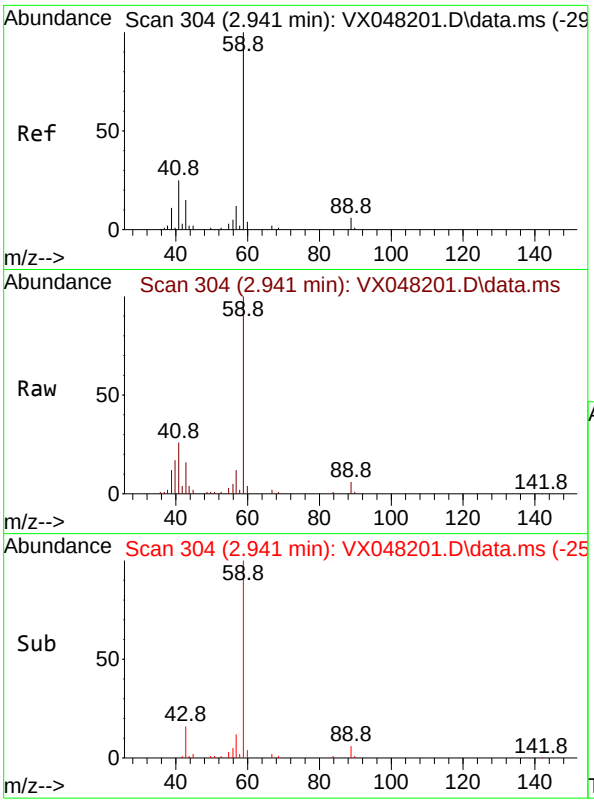


#10
Methyl Iodide
Concen: 52.442 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:142 Resp: 107865

Ion	Ratio	Lower	Upper
142	100		
127	48.1	38.5	57.7
141	14.5	11.6	17.4

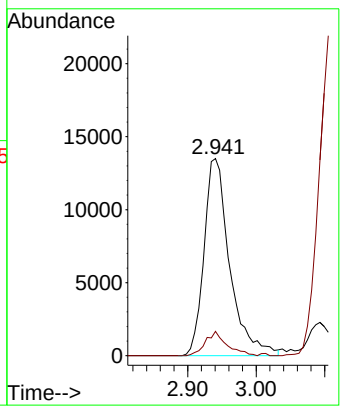




#11
Tert butyl alcohol
Concen: 236.264 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 59 Resp: 3519

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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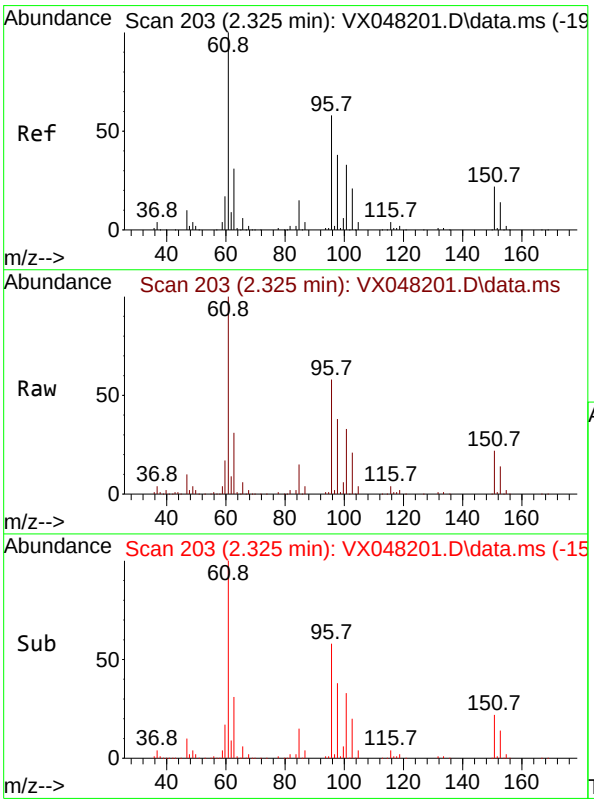
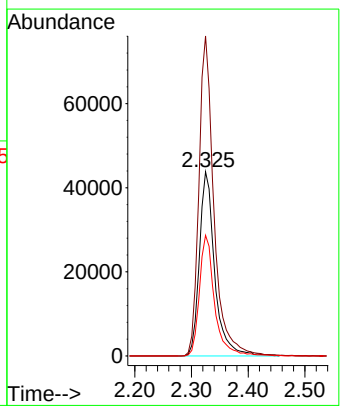
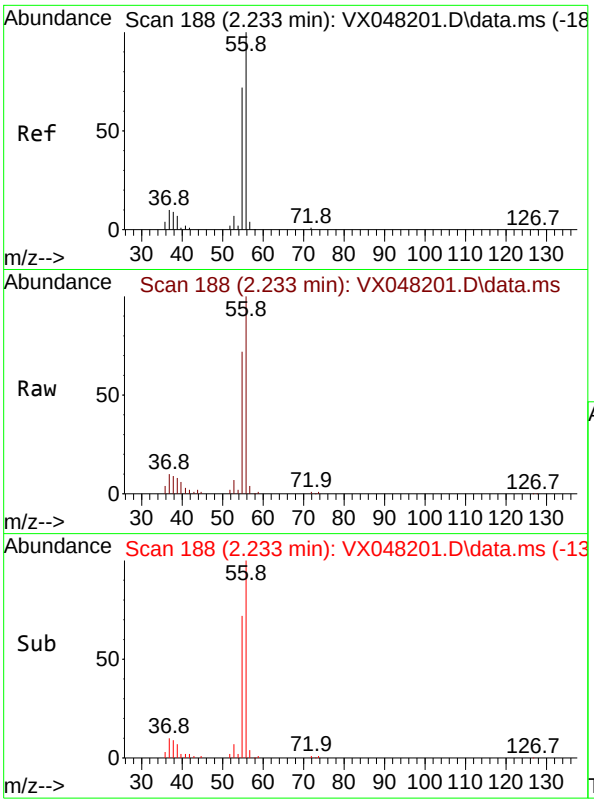


#12
1,1-Dichloroethene
Concen: 49.074 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 96 Resp: 82401

Ion	Ratio	Lower	Upper
96	100		
61	173.8	139.0	208.6
98	65.5	52.4	78.6

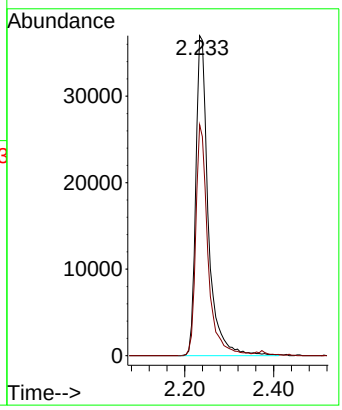




#13
Acrolein
Concen: 231.080 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 56 Resp: 7233

Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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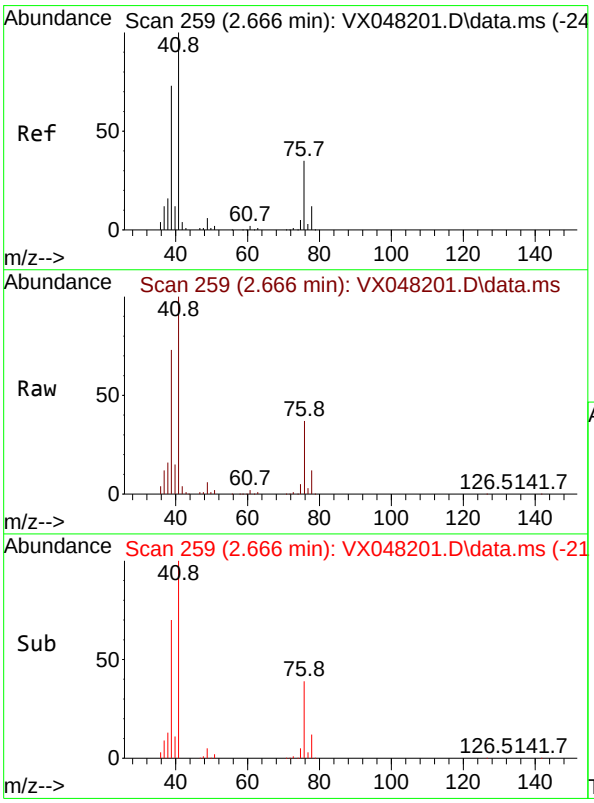
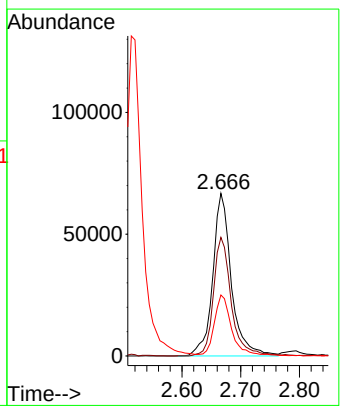
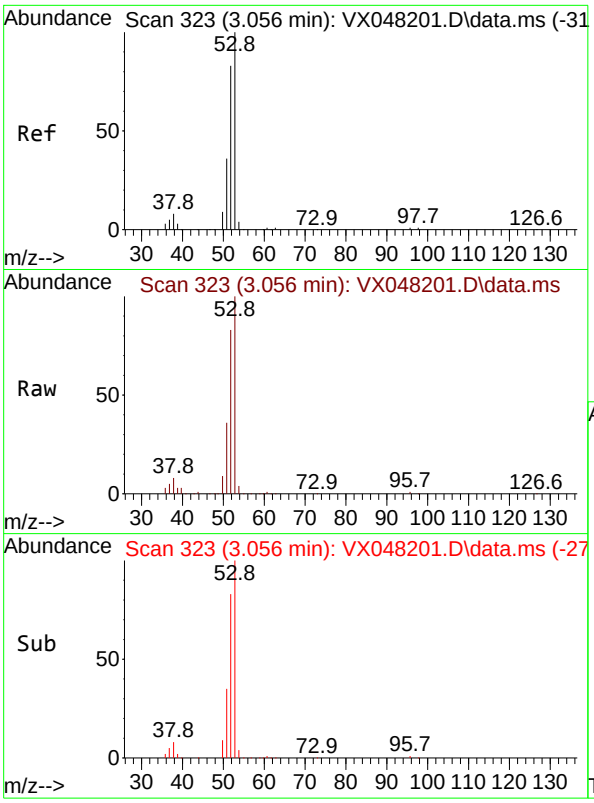


#14
Allyl chloride
Concen: 48.724 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 41 Resp: 147166

Ion	Ratio	Lower	Upper
41	100		
39	70.0	56.0	84.0
76	34.4	27.5	41.3

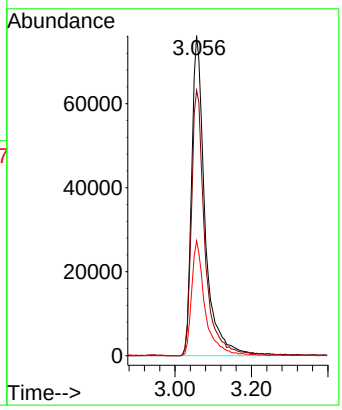




#15
Acrylonitrile
Concen: 260.427 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 53 Resp: 18587

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	36.2	29.0	43.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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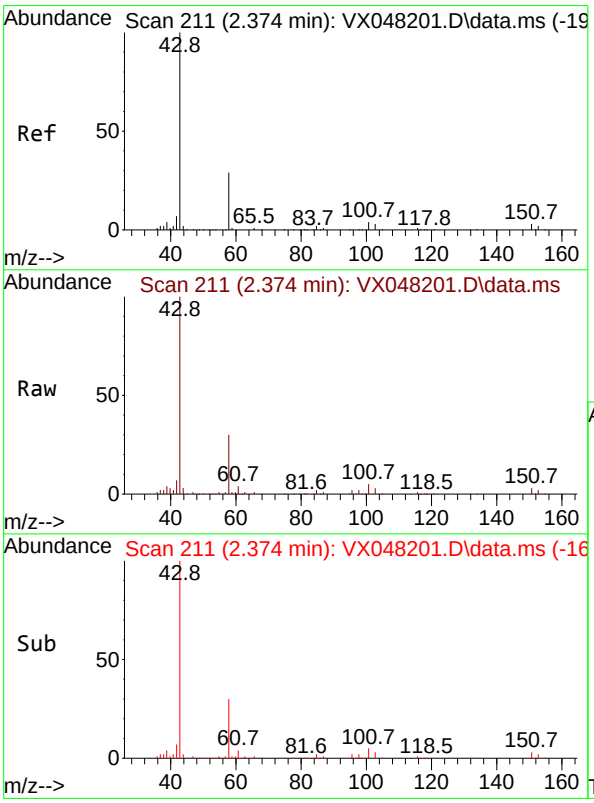
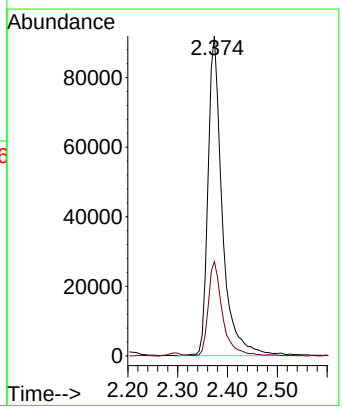
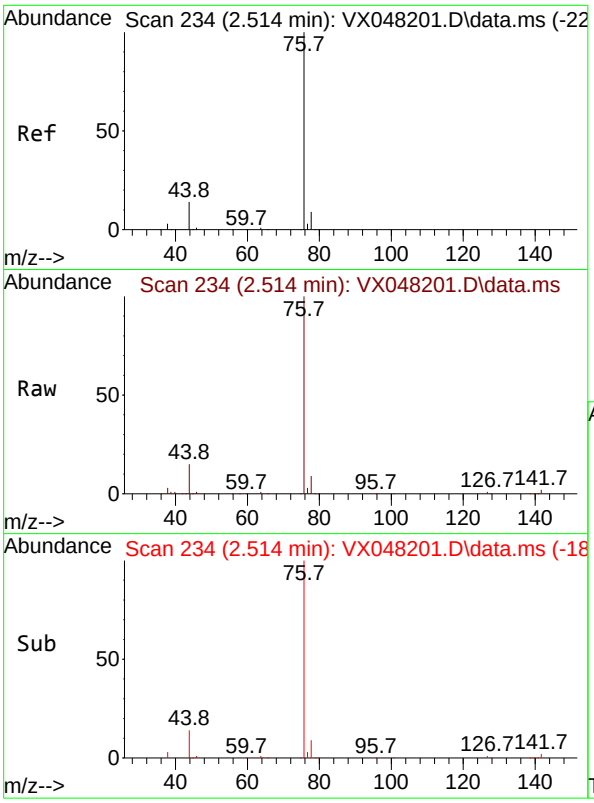


#16
Acetone
Concen: 237.521 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 181892

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.2





#17
Carbon Disulfide
Concen: 48.958 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 76 Resp: 25293

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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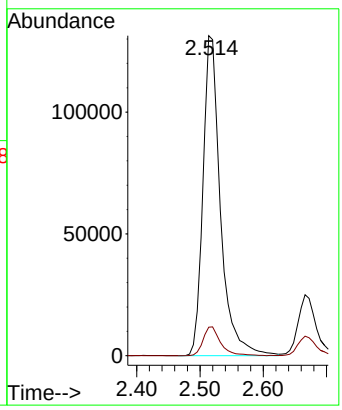
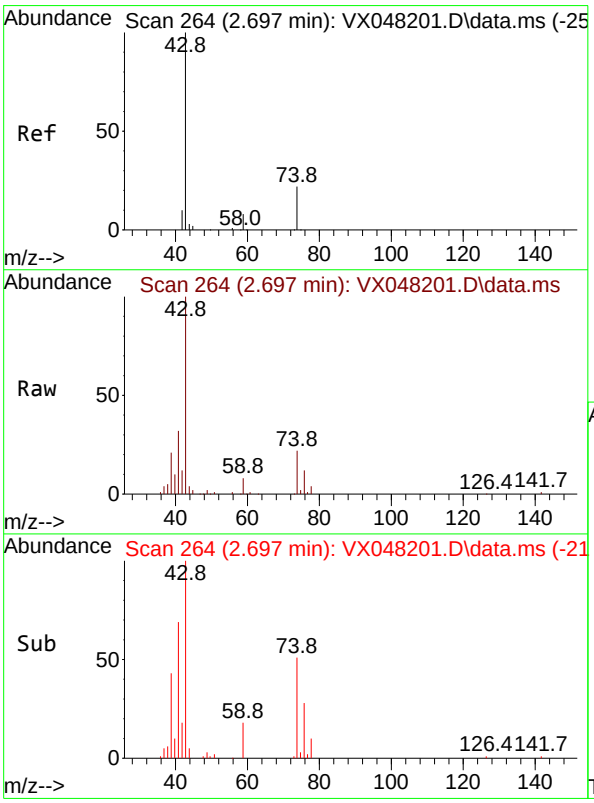
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

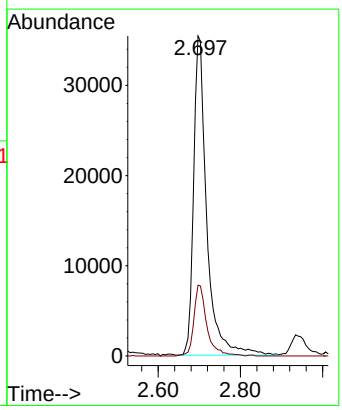


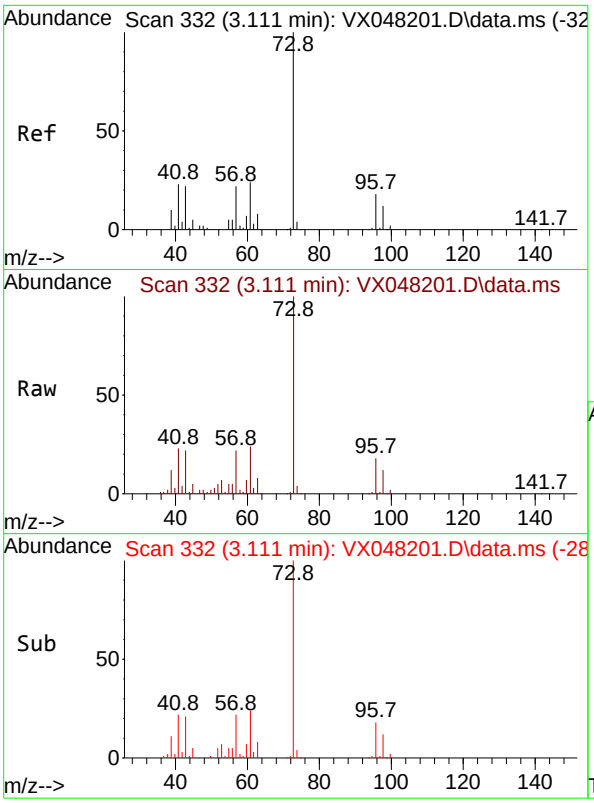


#18
Methyl Acetate
Concen: 50.371 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 78566

Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.5	26.3

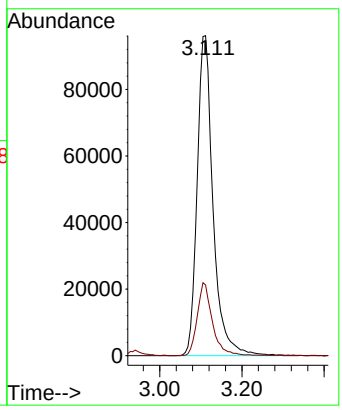




#19
Methyl tert-butyl Ether
Concen: 50.980 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 73 Resp: 25784

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.7	26.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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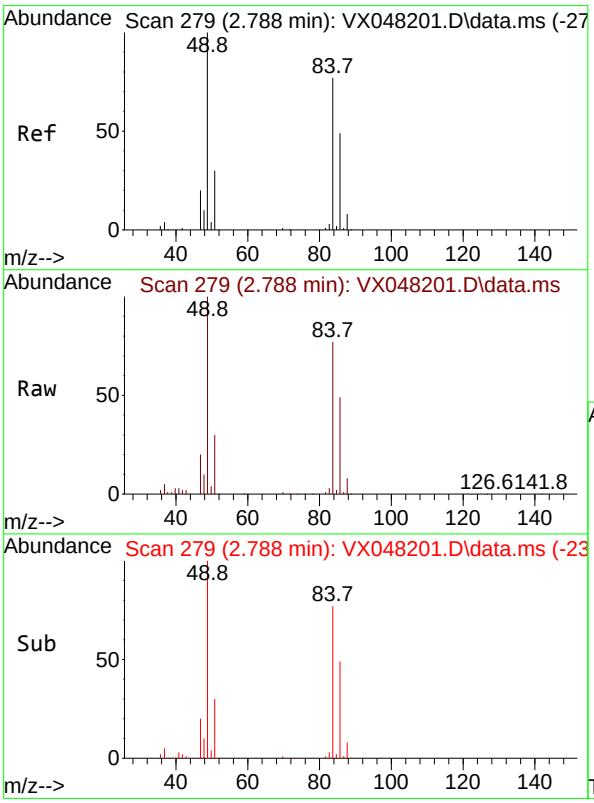
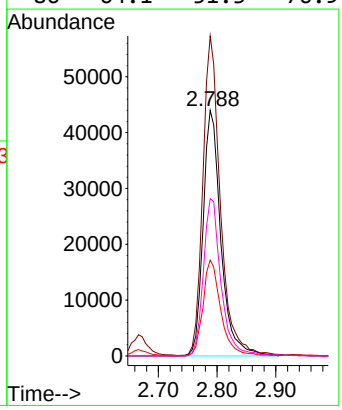
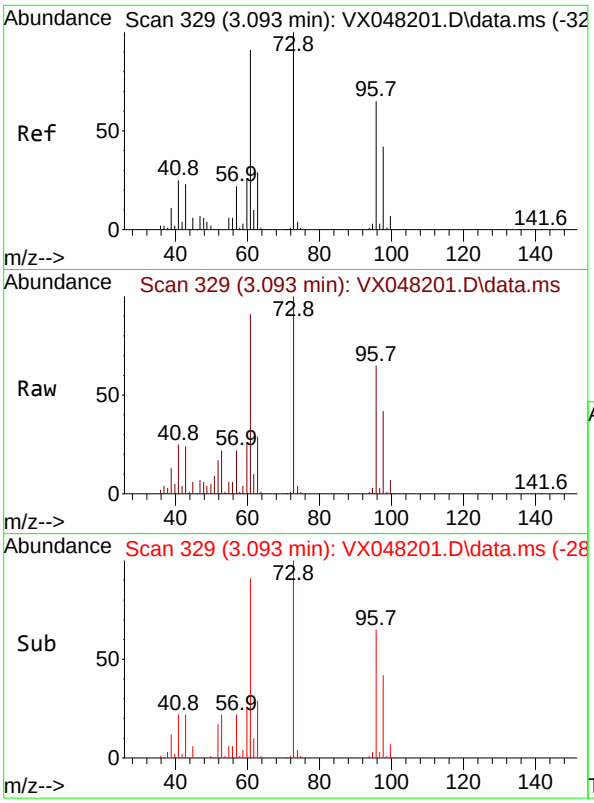


#20
Methylene Chloride
Concen: 49.431 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 84 Resp: 92216

Ion	Ratio	Lower	Upper
84	100		
49	130.1	104.1	156.1
51	39.1	31.3	46.9
86	64.1	51.3	76.9





#21
trans-1,2-Dichloroethene
Concen: 51.182 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 96 Resp: 8890

Ion	Ratio	Lower	Upper
96	100		
61	139.9	111.9	167.9
98	64.0	51.2	76.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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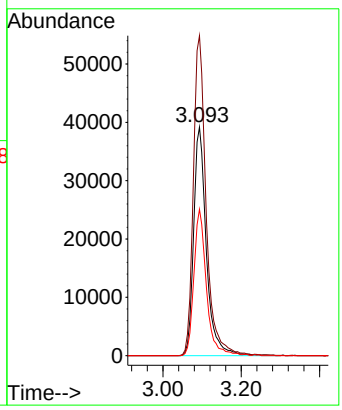
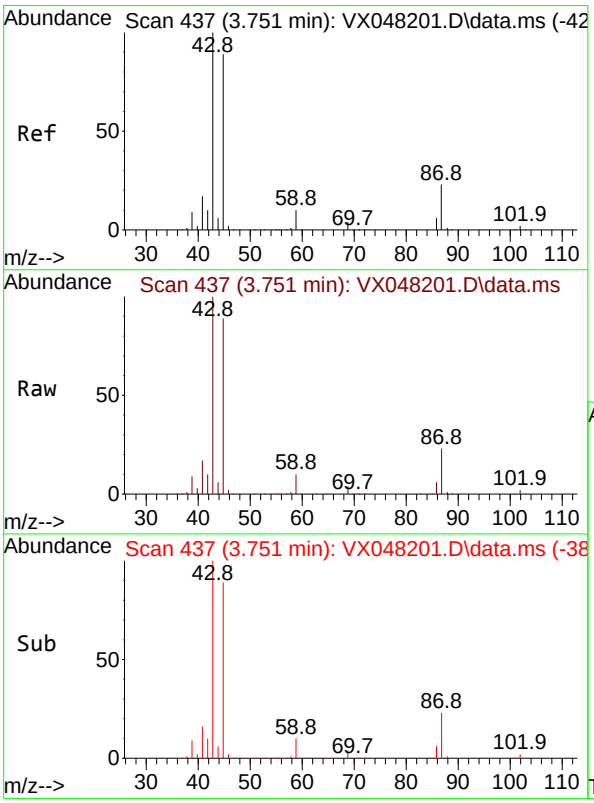
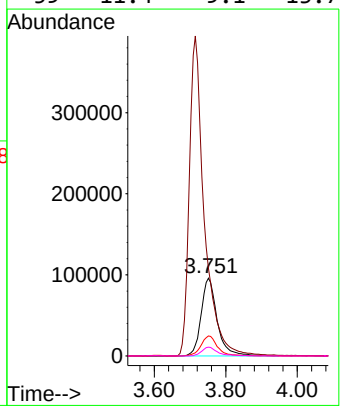


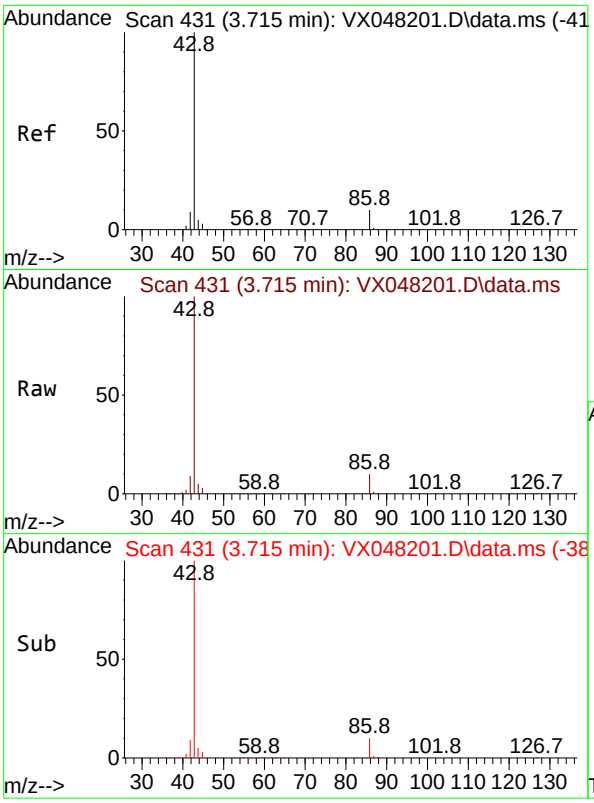


#22
Diisopropyl ether
Concen: 50.498 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 45 Resp: 298658

Ion	Ratio	Lower	Upper
45	100		
43	112.3	89.8	134.8
87	25.8	20.6	31.0
59	11.4	9.1	13.7





#23
Vinyl Acetate
Concen: 261.168 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 115496

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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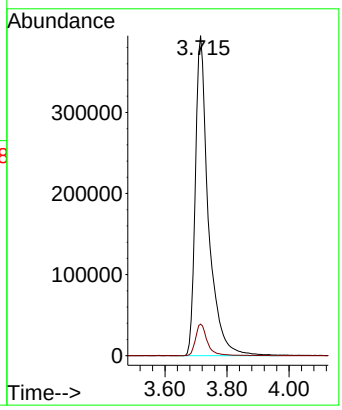
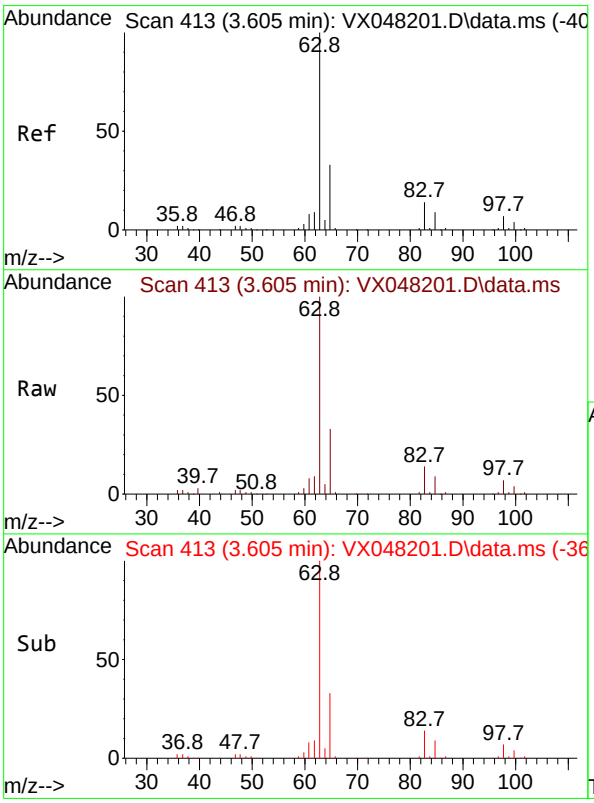
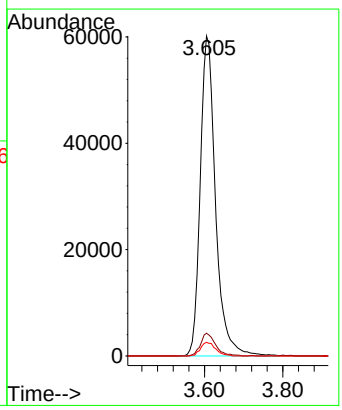


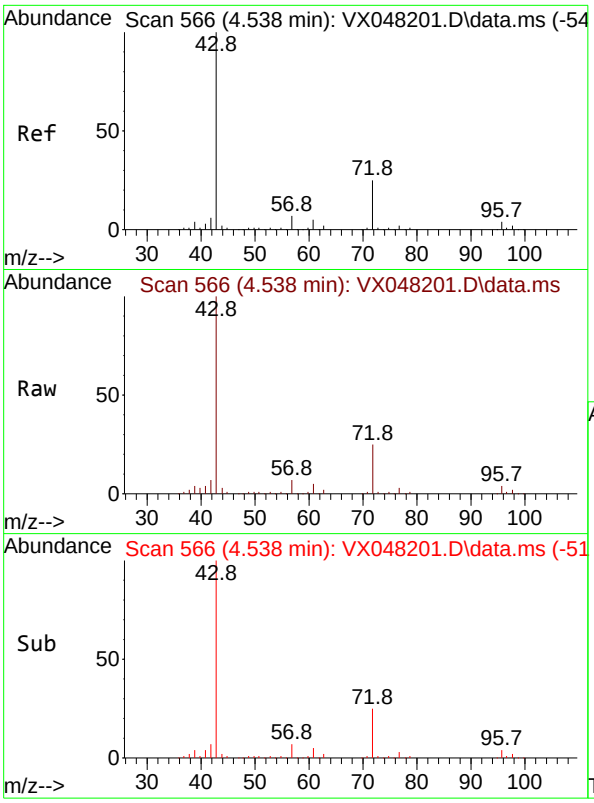


#24
1,1-Dichloroethane
Concen: 48.666 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 63 Resp: 163290

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.5	10.6
100	4.2	2.1	6.3





#25
2-Butanone
Concen: 255.213 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 22769

Ion	Ratio	Lower	Upper
43	100		
72	24.9	19.9	29.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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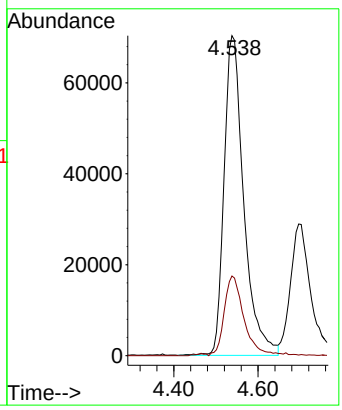
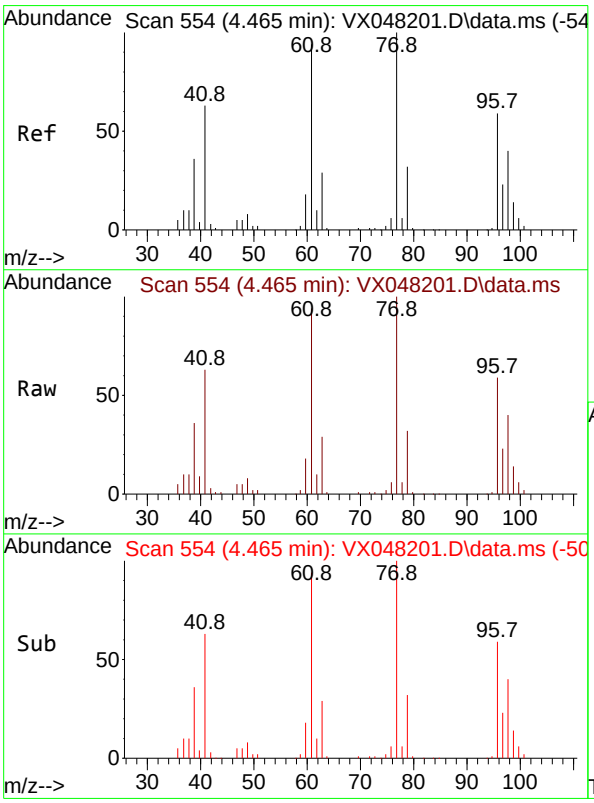
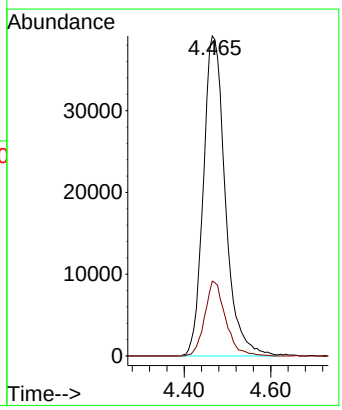


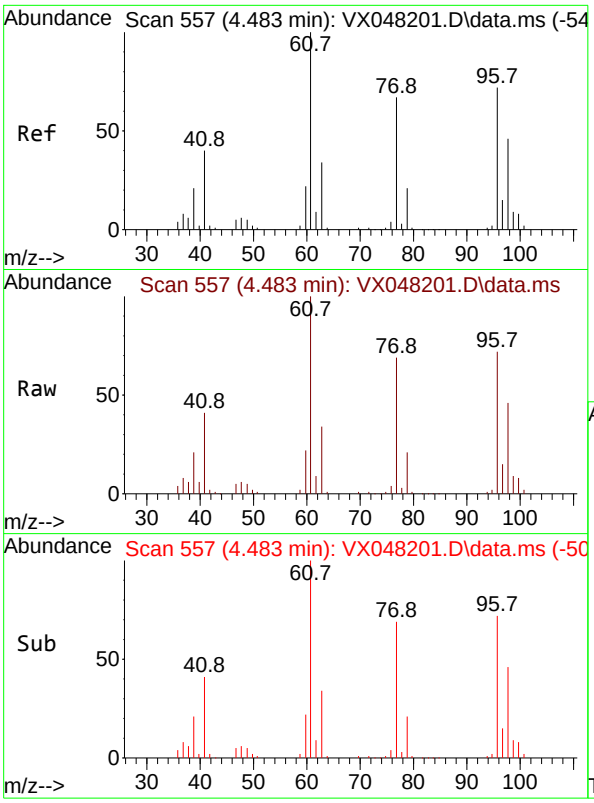


#26
2,2-Dichloropropane
Concen: 47.994 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 77 Resp: 137645

Ion	Ratio	Lower	Upper
77	100		
97	22.2	11.1	33.3

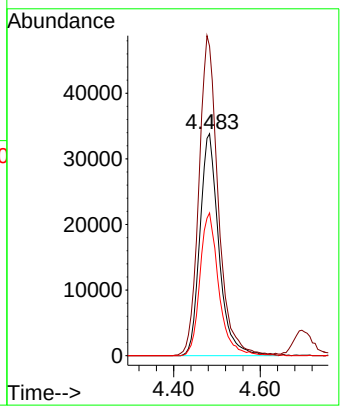




#27
cis-1,2-Dichloroethene
Concen: 49.771 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 96 Resp: 10261

Ion	Ratio	Lower	Upper
96	100		
61	147.1	0.0	294.2
98	64.2	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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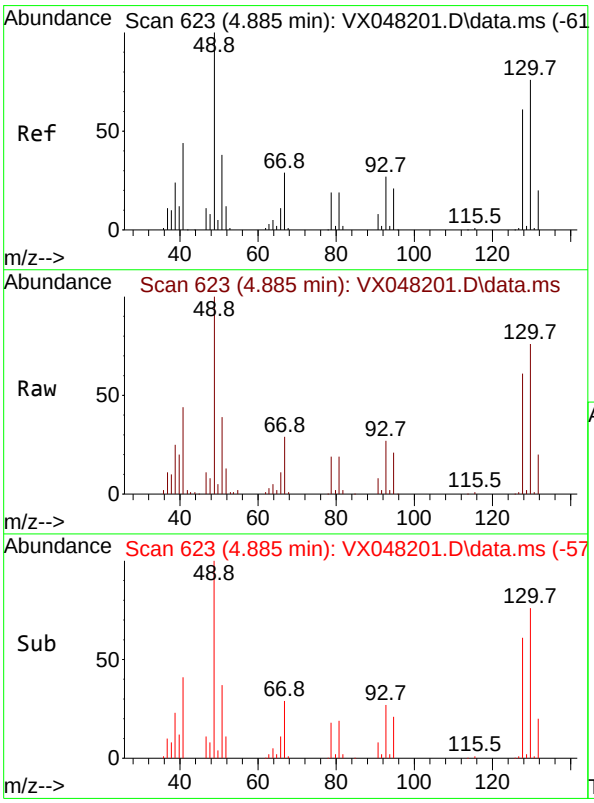
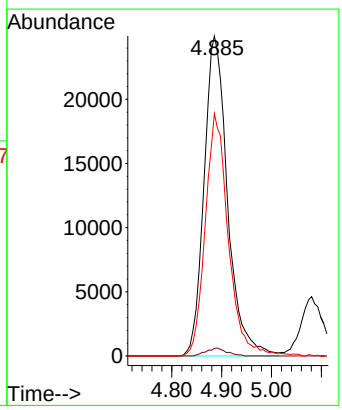
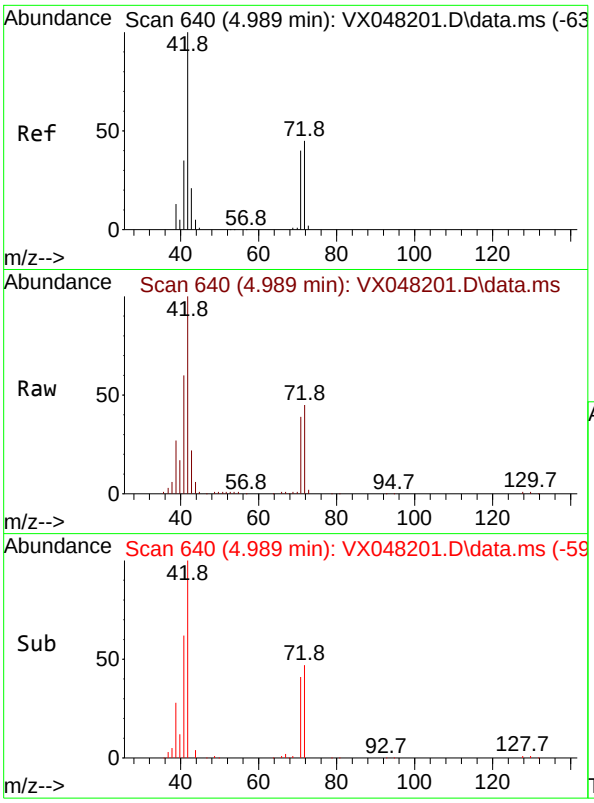


#28
Bromochloromethane
Concen: 52.757 ug/l
RT: 4.885 min Scan# 623
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 49 Resp: 81597

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	74.1	59.3	88.9





#29
Tetrahydrofuran
Concen: 256.331 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 42 Resp: 13430

Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.3	52.9
71	40.3	32.2	48.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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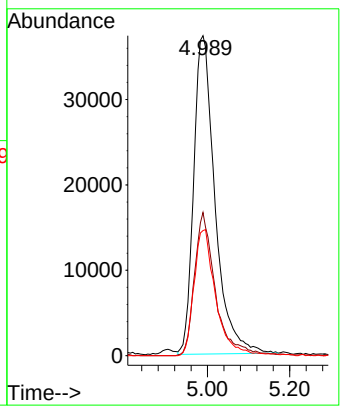
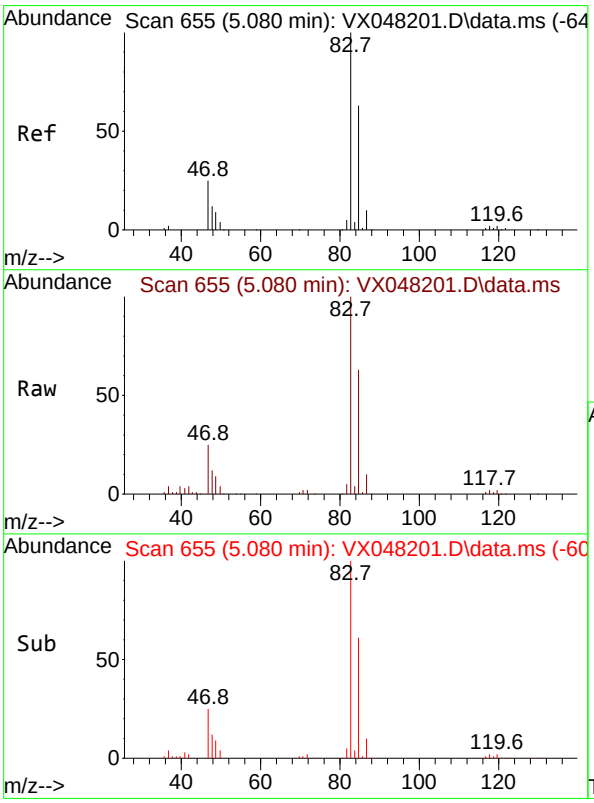
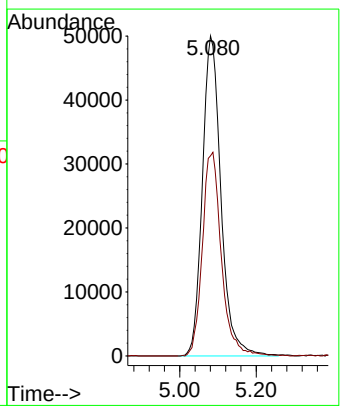


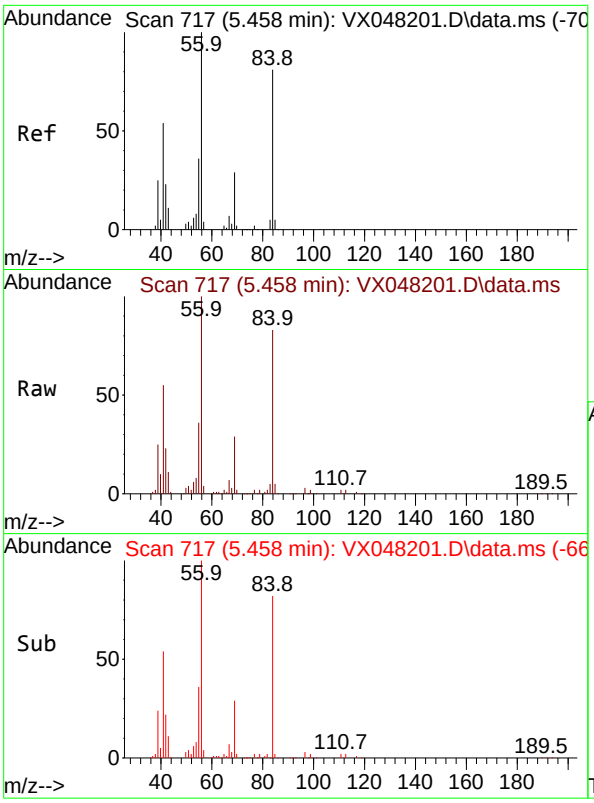


#30
Chloroform
Concen: 47.821 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 83 Resp: 168931

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.1	75.1





#31
Cyclohexane
Concen: 48.824 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 56 Resp: 13404

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.0	34.6
84	80.8	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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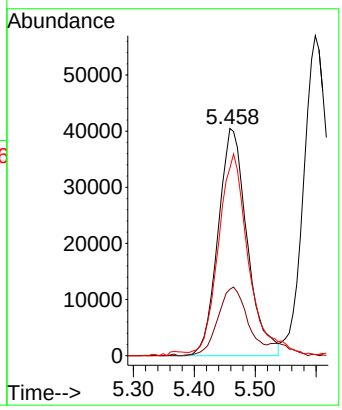
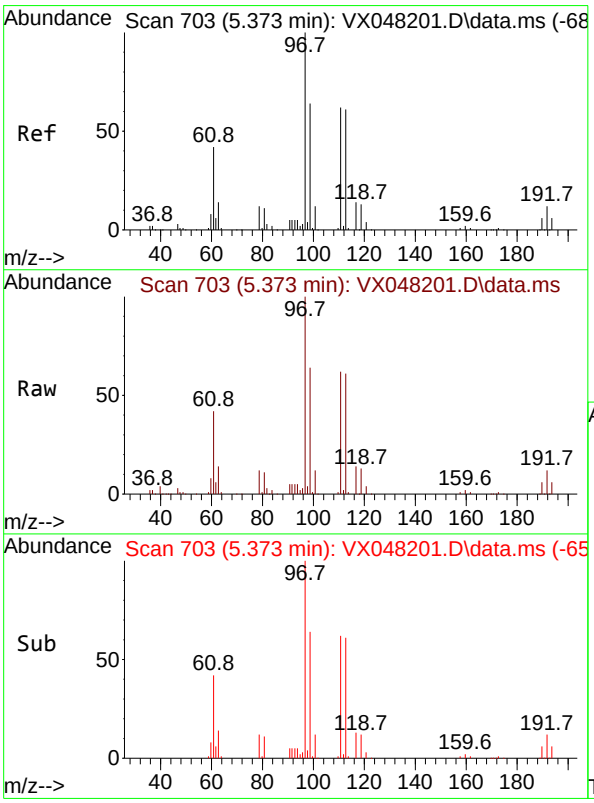
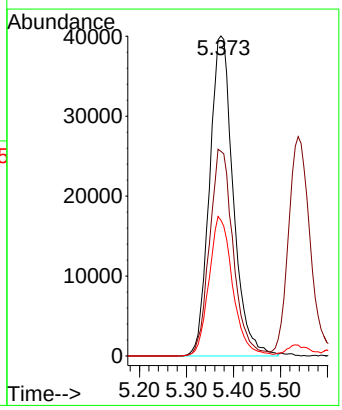


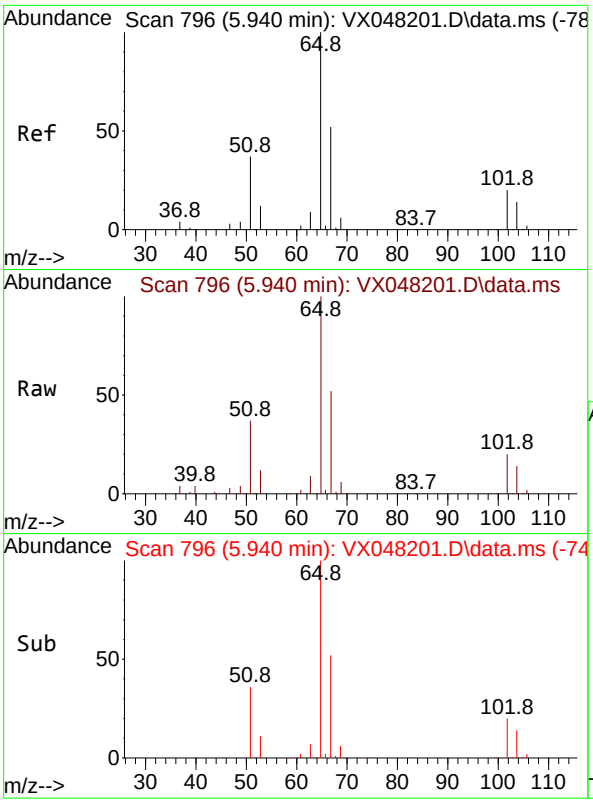


#32
1,1,1-Trichloroethane
Concen: 48.391 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 97 Resp: 140456

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	43.5	34.8	52.2

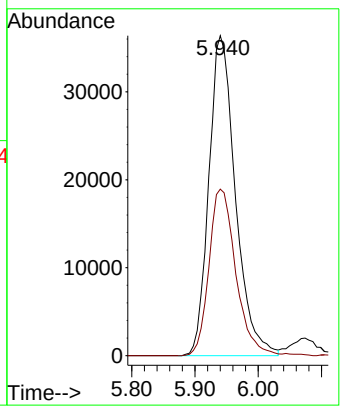




#33
1,2-Dichloroethane-d4
Concen: 47.240 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 65 Resp: 10604

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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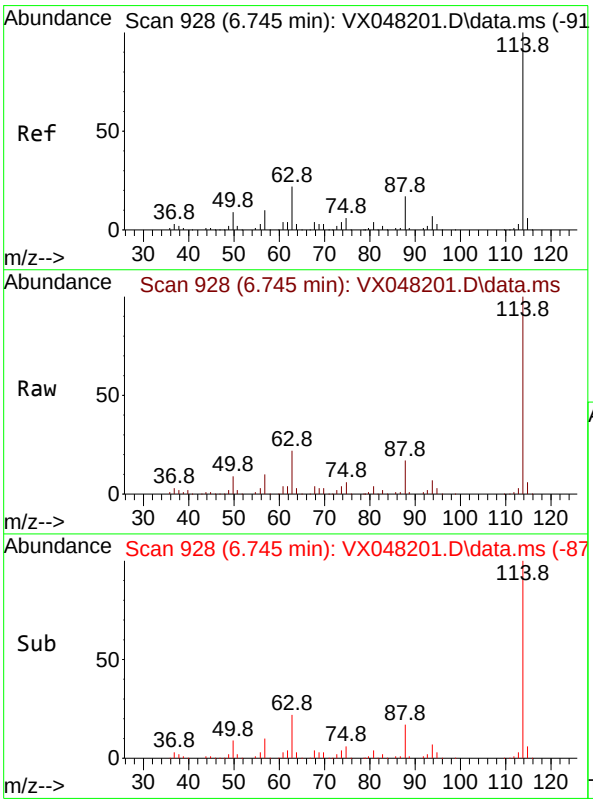
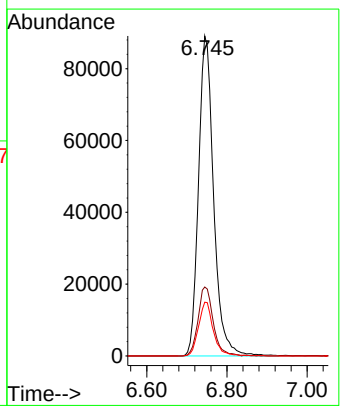
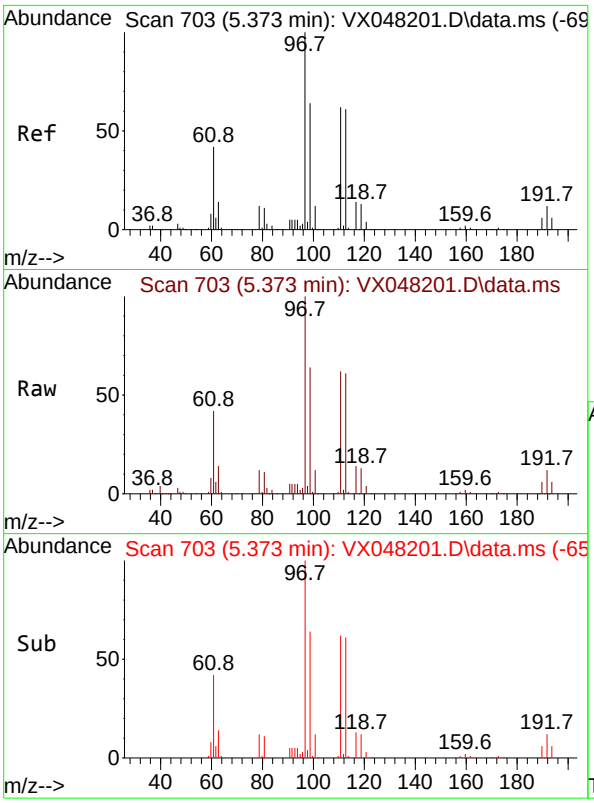


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:114 Resp: 233738

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	16.8	0.0	33.6

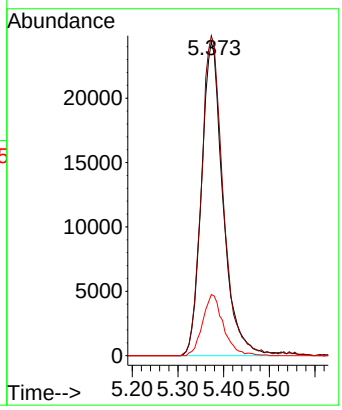




#35
Dibromofluoromethane
Concen: 49.241 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:113 Resp: 7987

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	18.9	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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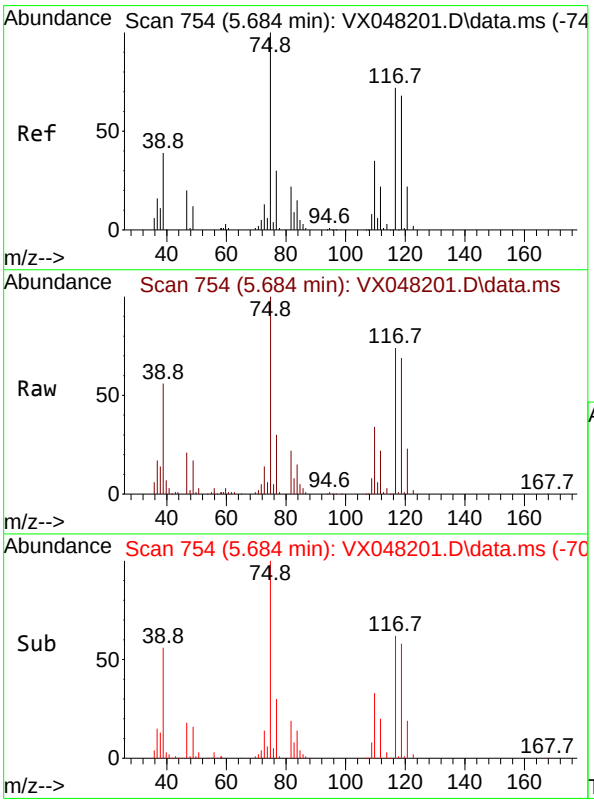
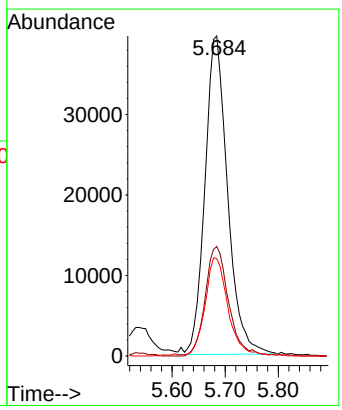
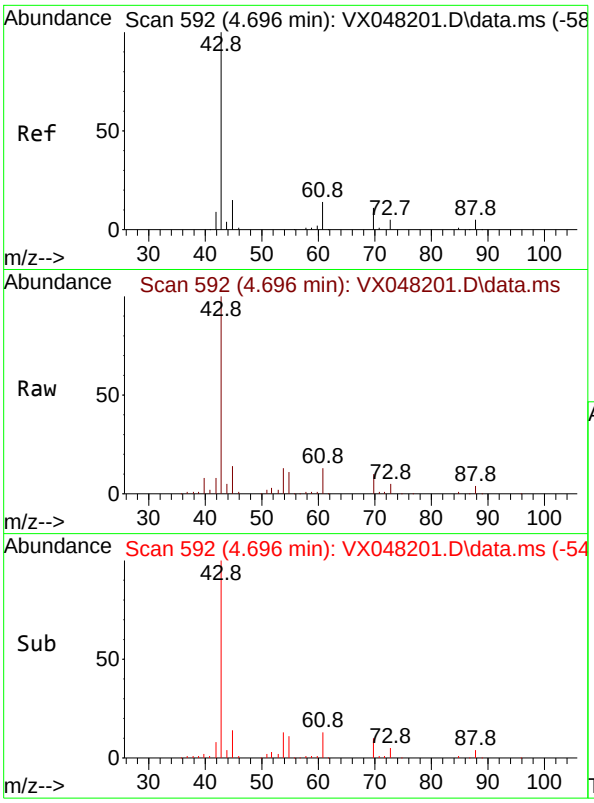


#36
1,1-Dichloropropene
Concen: 51.478 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 117638

Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.7	53.1
77	30.4	24.3	36.5





#37
Ethyl Acetate
Concen: 51.771 ug/l
RT: 4.696 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 9454

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	15.8
70	9.7	7.8	11.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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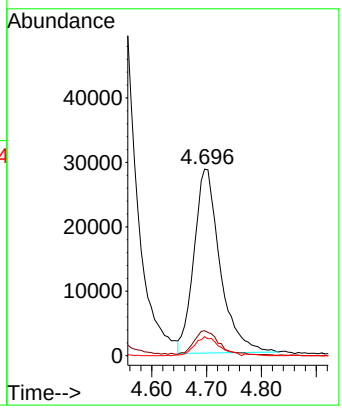
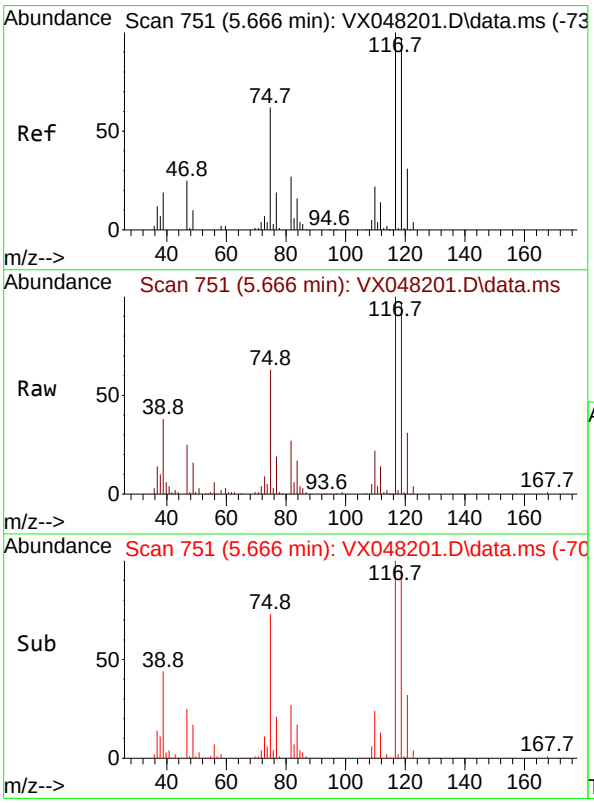
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

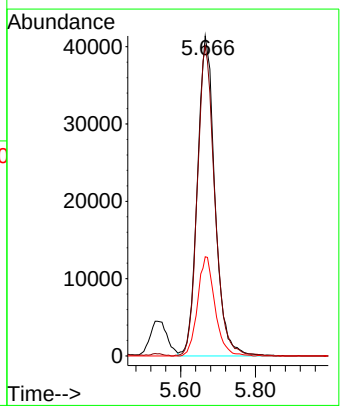


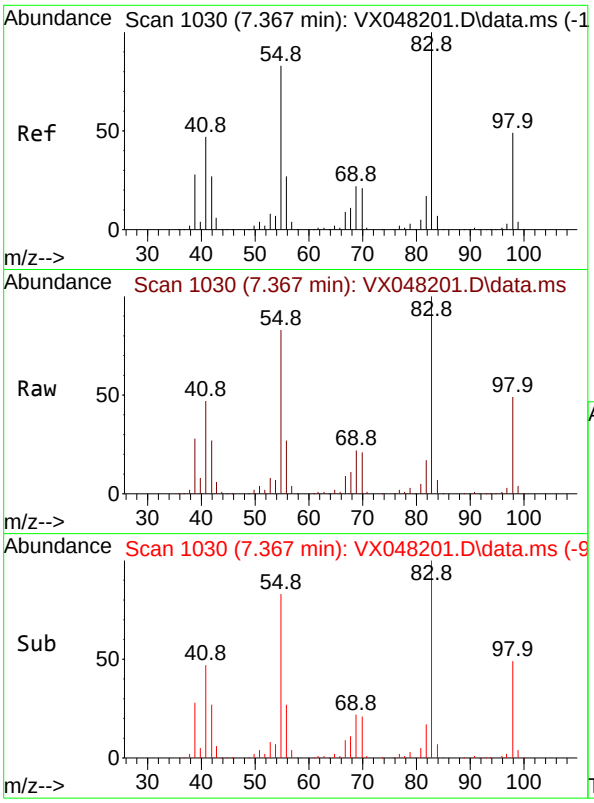


#38
Carbon Tetrachloride
Concen: 51.270 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:117 Resp: 134481

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.2	115.8
121	31.0	24.8	37.2

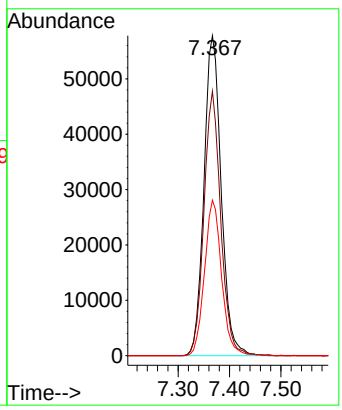




#39
Methylcyclohexane
Concen: 52.254 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 83 Resp: 13463

Ion	Ratio	Lower	Upper
83	100		
55	82.7	66.2	99.2
98	48.6	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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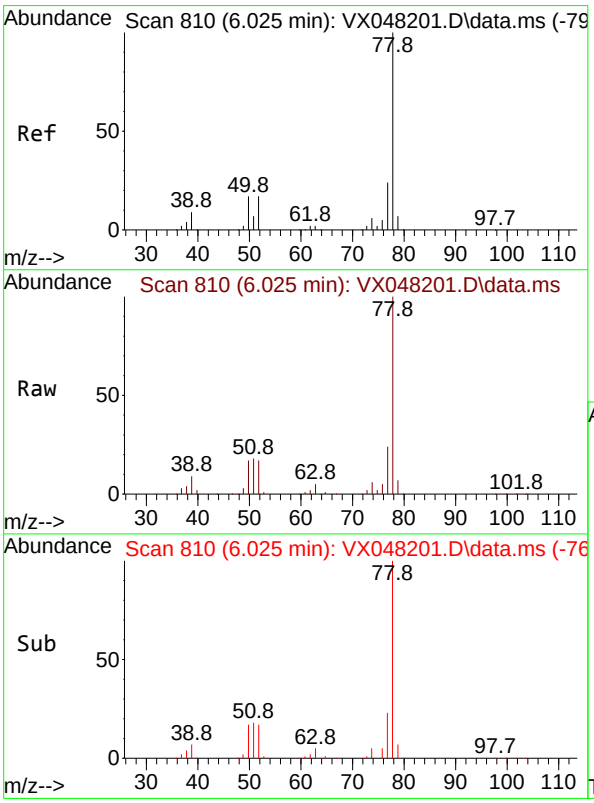
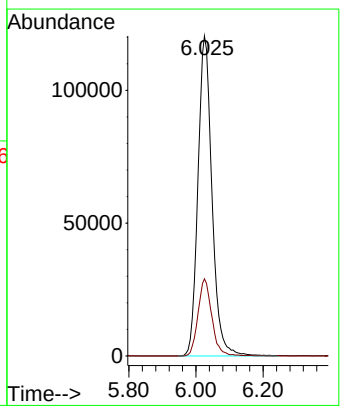
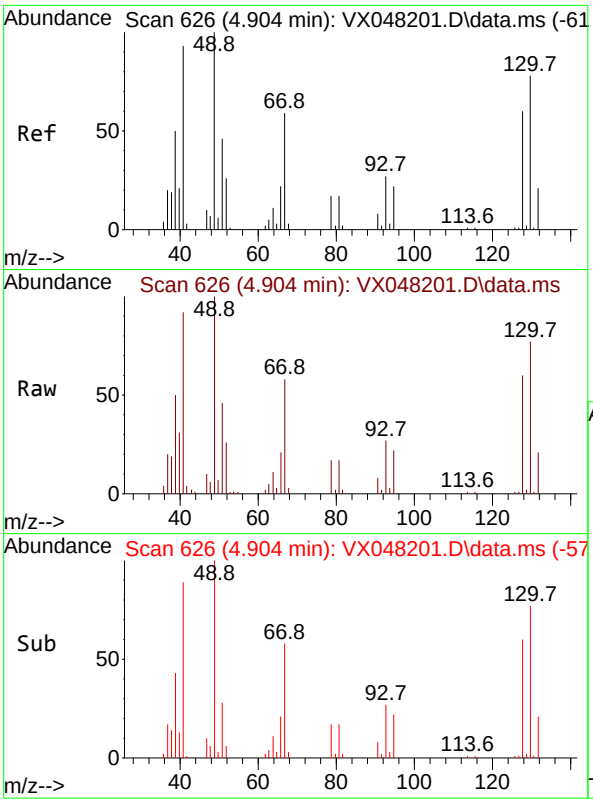


#40
Benzene
Concen: 51.556 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 78 Resp: 349840

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

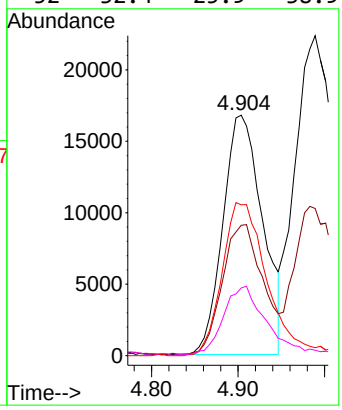




#41
Methacrylonitrile
Concen: 54.588 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 41 Resp: 5339

Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.0	66.0
67	73.4	58.7	88.1
52	32.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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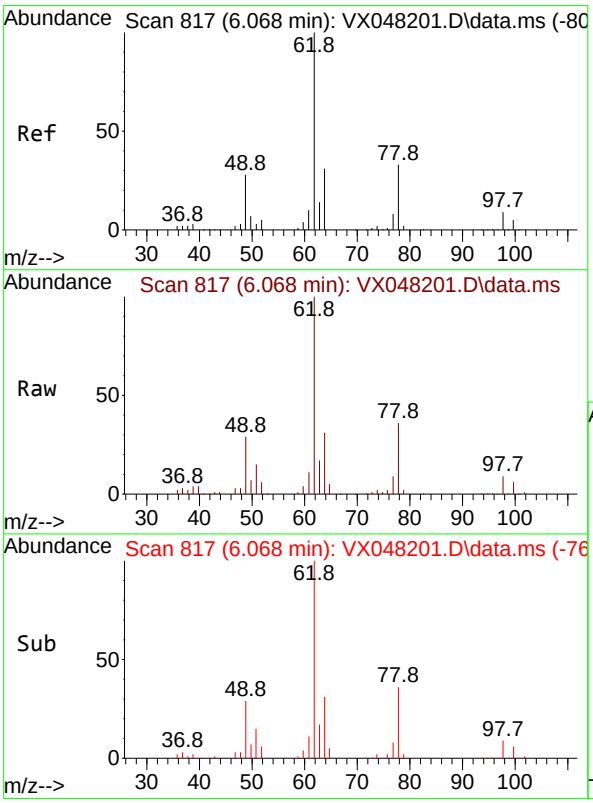
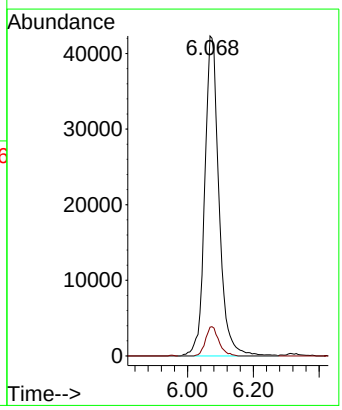
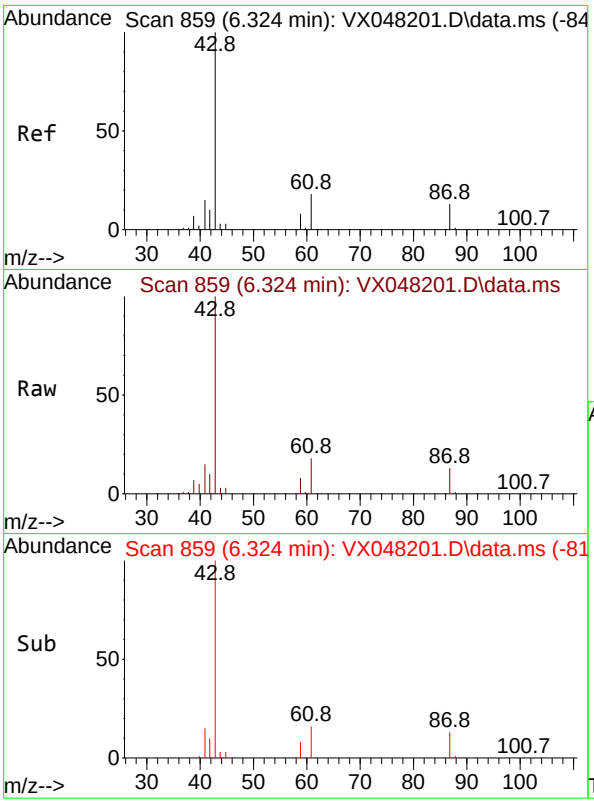


#42
1,2-Dichloroethane
Concen: 52.516 ug/l
RT: 6.068 min Scan# 817
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 62 Resp: 127674

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43
Isopropyl Acetate
Concen: 53.135 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 16289

Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.9	22.3
87	11.8	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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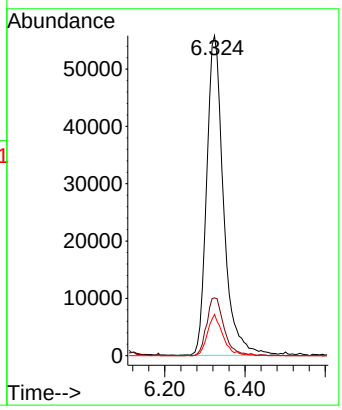
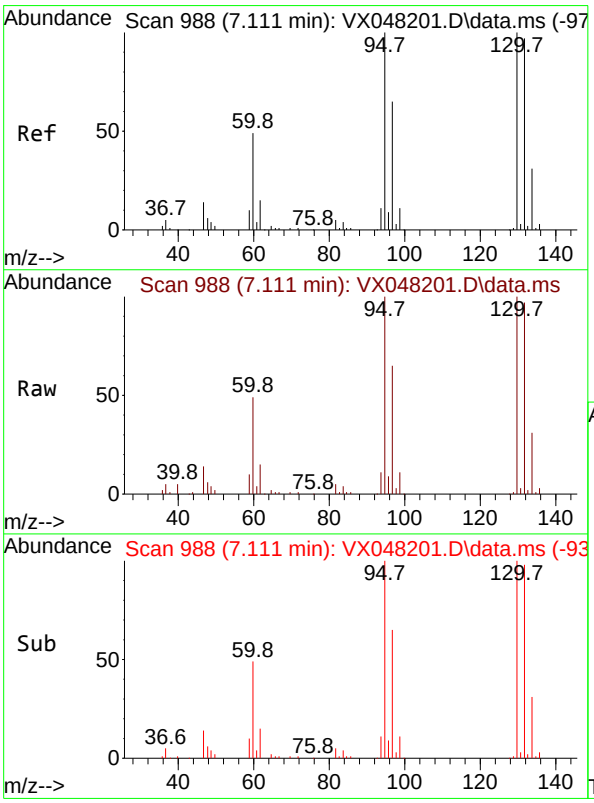
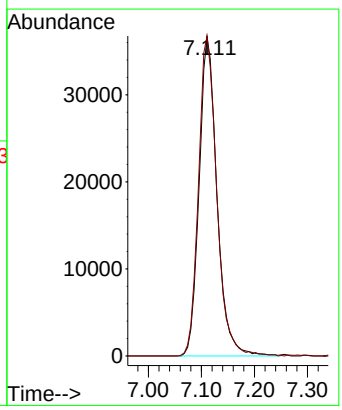


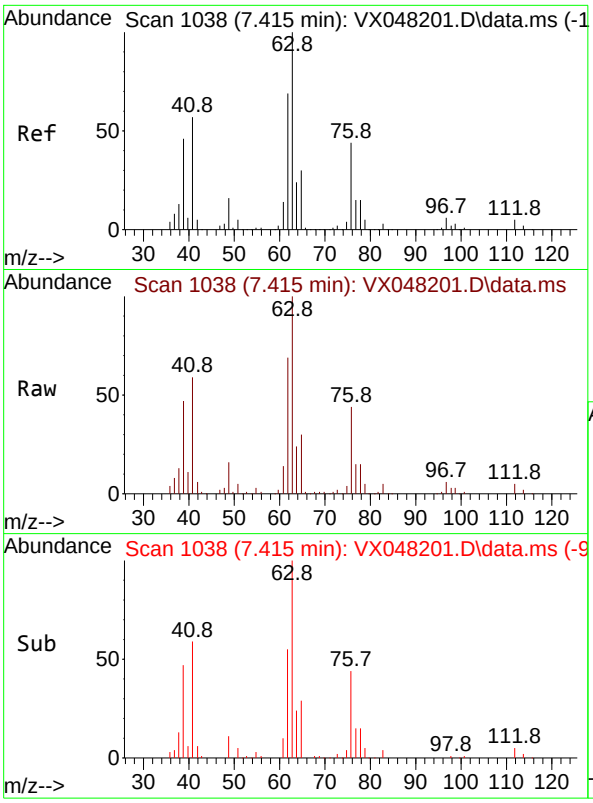


#44
Trichloroethene
Concen: 50.188 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:130 Resp: 85828

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	200.6

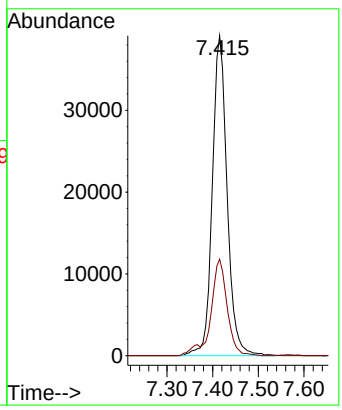




#45
1,2-Dichloropropane
Concen: 51.339 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 63 Resp: 8816

Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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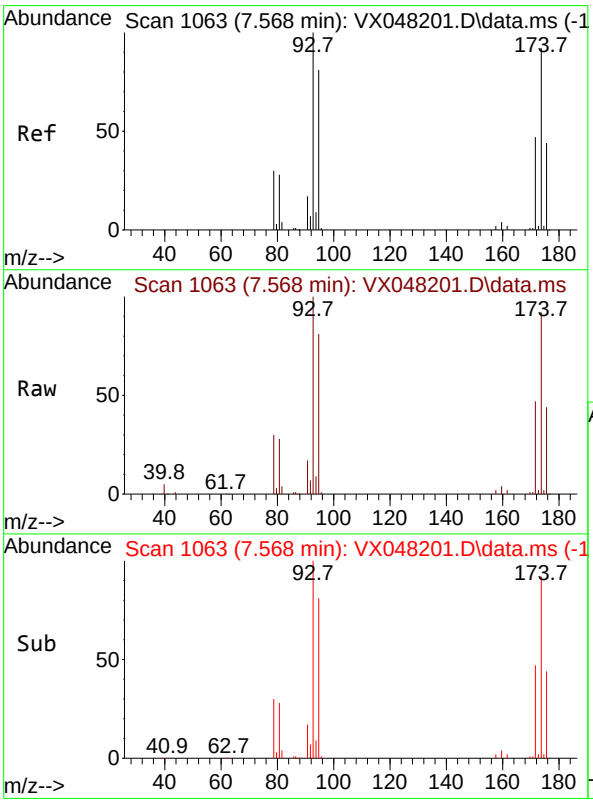
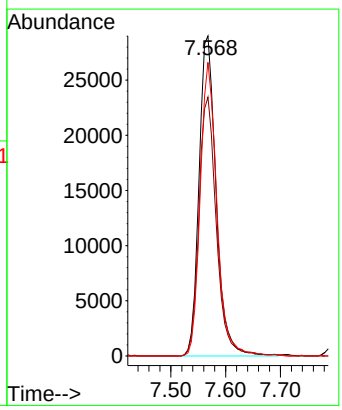
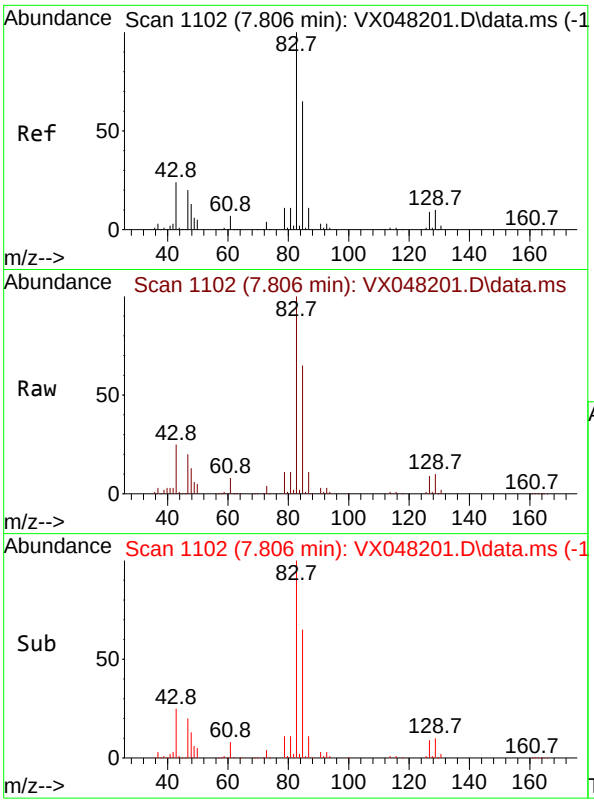


#46
Dibromomethane
Concen: 50.719 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 93 Resp: 62671

Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.9	98.9
174	89.6	71.7	107.5

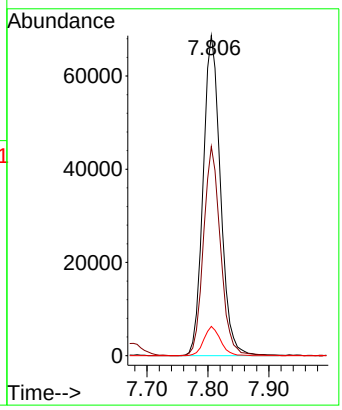




#47
Bromodichloromethane
Concen: 50.951 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 83 Resp: 13606

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.2	78.4
127	9.1	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :John Carlone 10/20/2025
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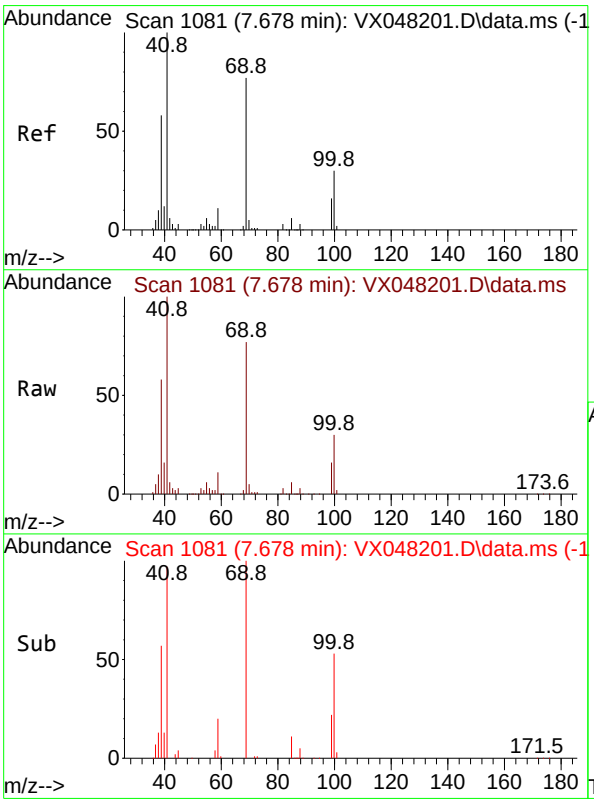
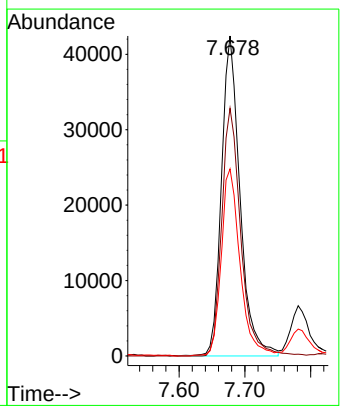
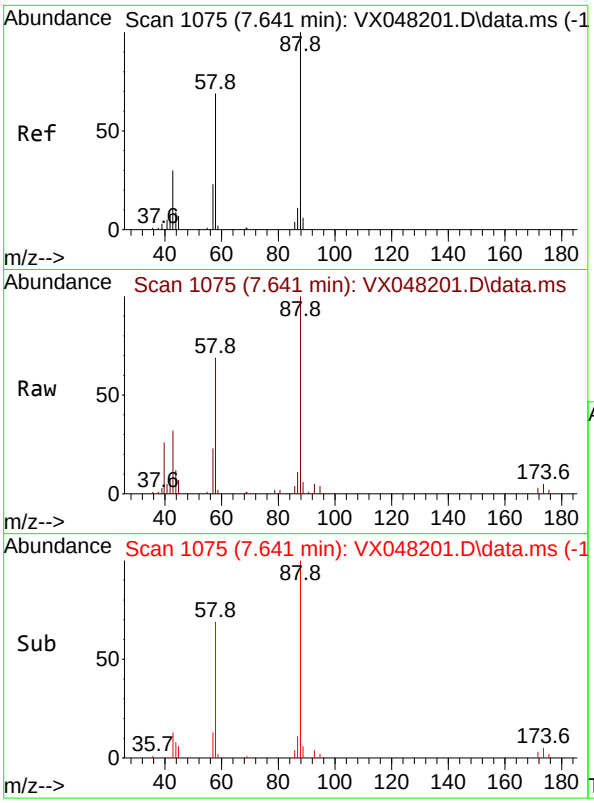


#48
Methyl methacrylate
Concen: 53.254 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 41 Resp: 83574

Ion	Ratio	Lower	Upper
41	100		
69	79.2	63.4	95.0
39	58.9	47.1	70.7

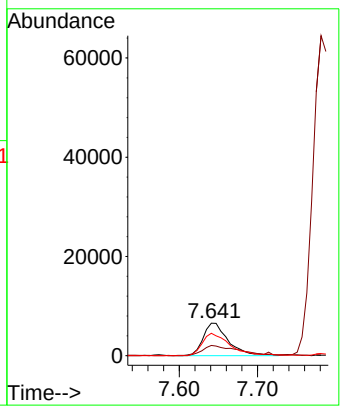




#49
1,4-Dioxane
Concen: 1035.490 ug/l
RT: 7.641 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 88 Resp: 1462

Ion	Ratio	Lower	Upper
88	100		
43	43.7	35.0	52.4
58	77.4	61.9	92.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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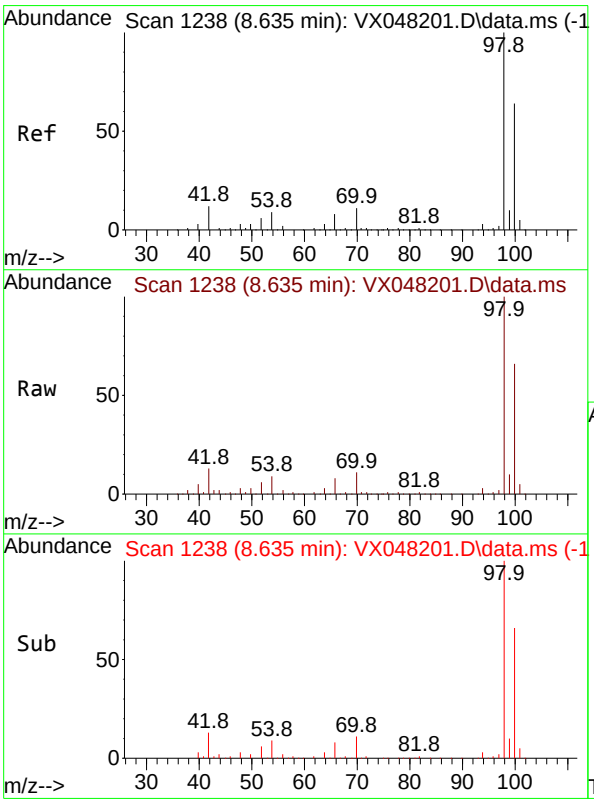
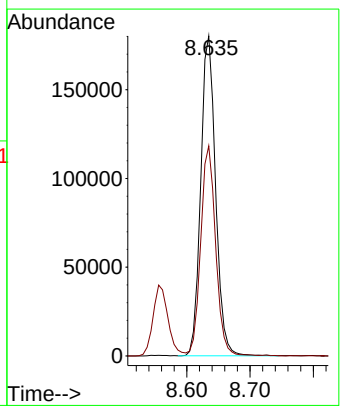
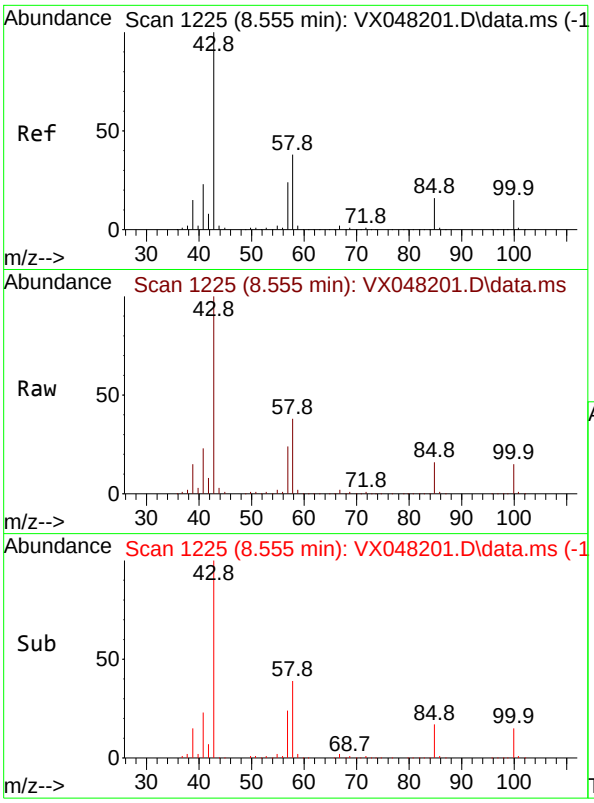


#50
Toluene-d8
Concen: 50.468 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 98 Resp: 294942

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

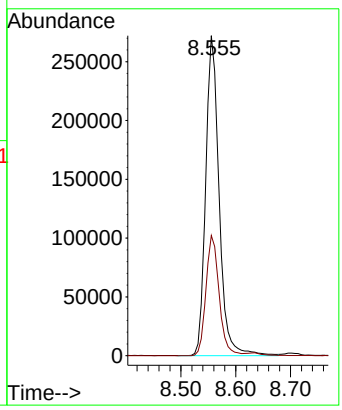




#51
4-Methyl-2-Pentanone
Concen: 270.327 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 46116

Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
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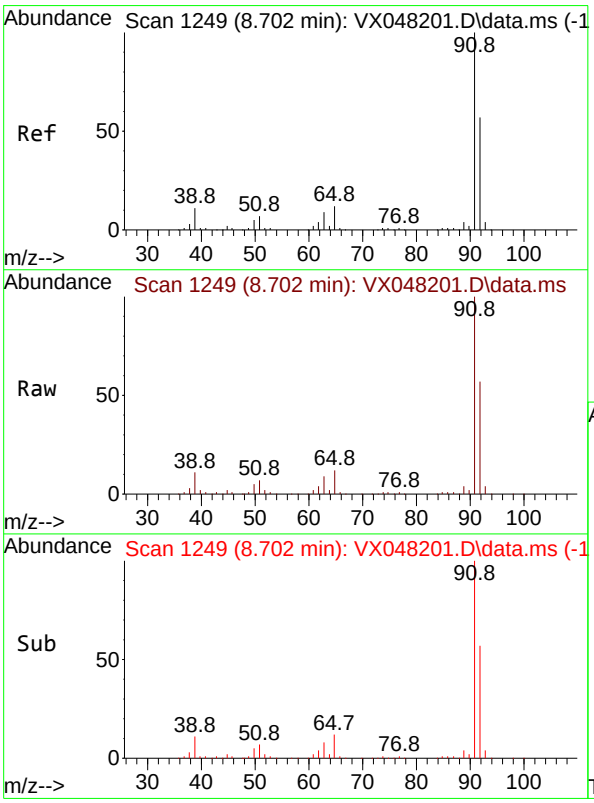
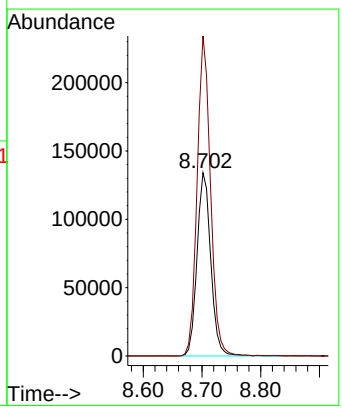
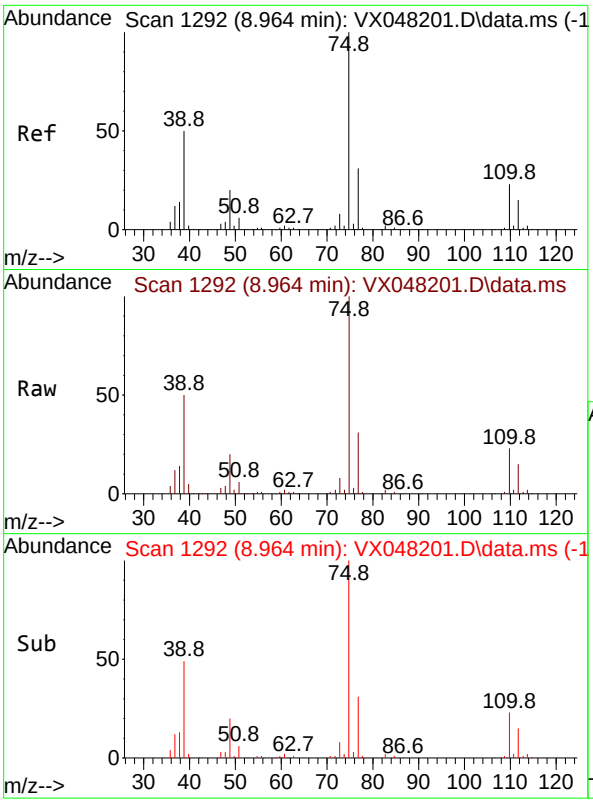


#52
Toluene
Concen: 53.129 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 92 Resp: 216685

Ion	Ratio	Lower	Upper
92	100		
91	170.1	136.1	204.1

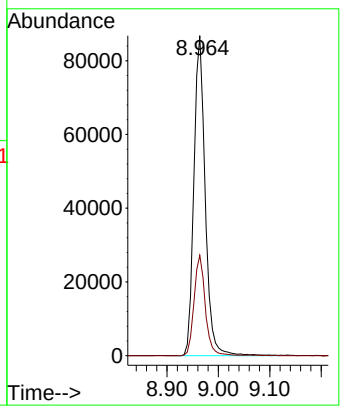




#53
t-1,3-Dichloropropene
Concen: 53.044 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 13271

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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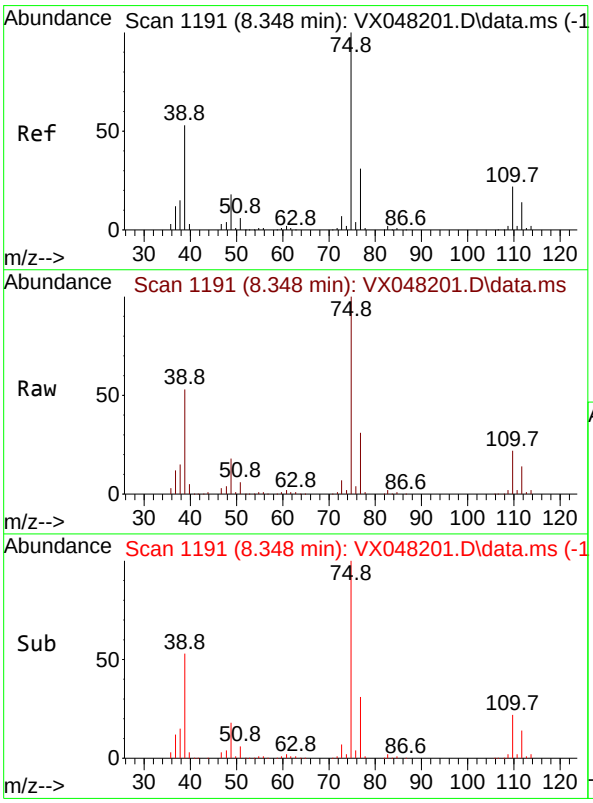
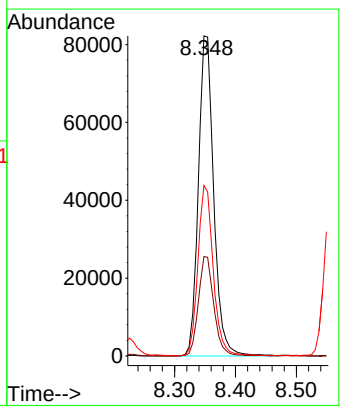
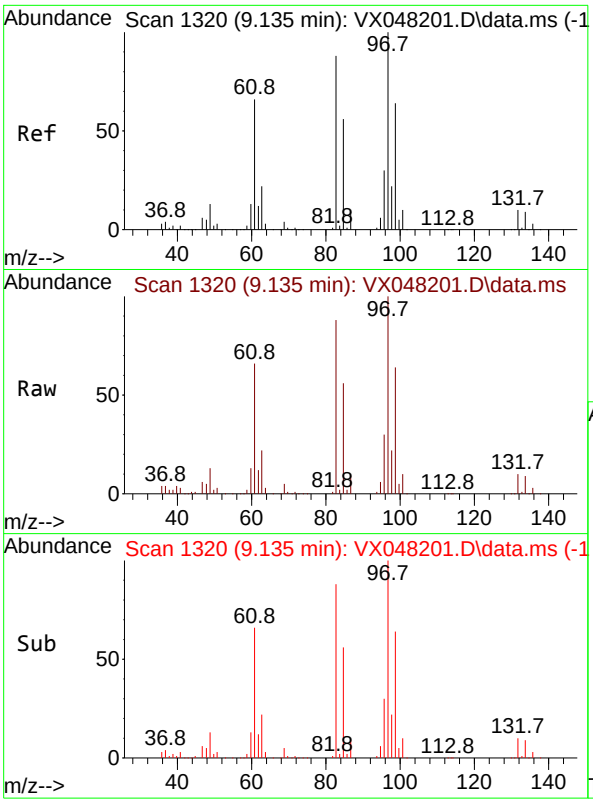


#54
cis-1,3-Dichloropropene
Concen: 52.875 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 144189

Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.9	37.3
39	53.3	42.6	64.0

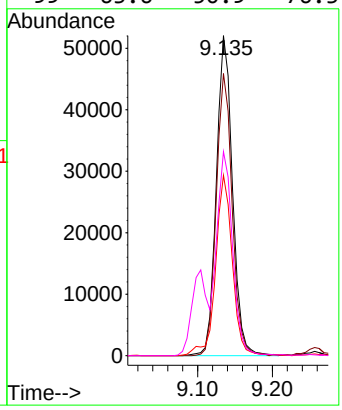




#55
1,1,2-Trichloroethane
Concen: 51.449 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 97 Resp: 7829

Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.6	105.8
85	56.3	45.0	67.6
99	63.6	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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Reviewed By :John Carlone 10/20/2025
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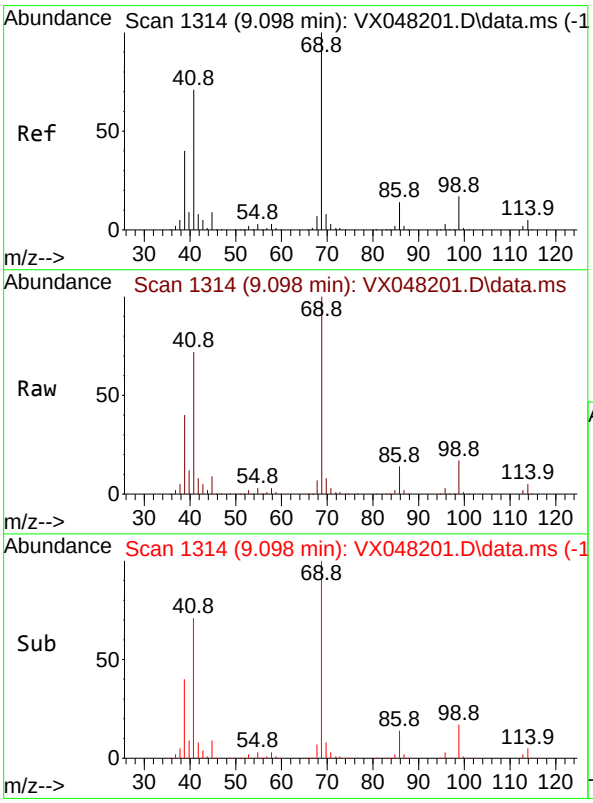
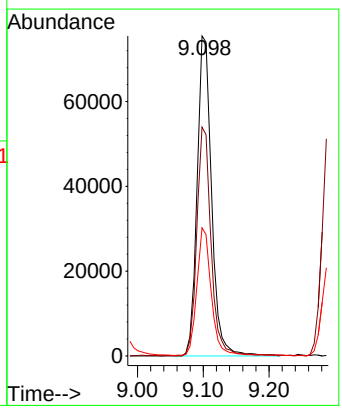
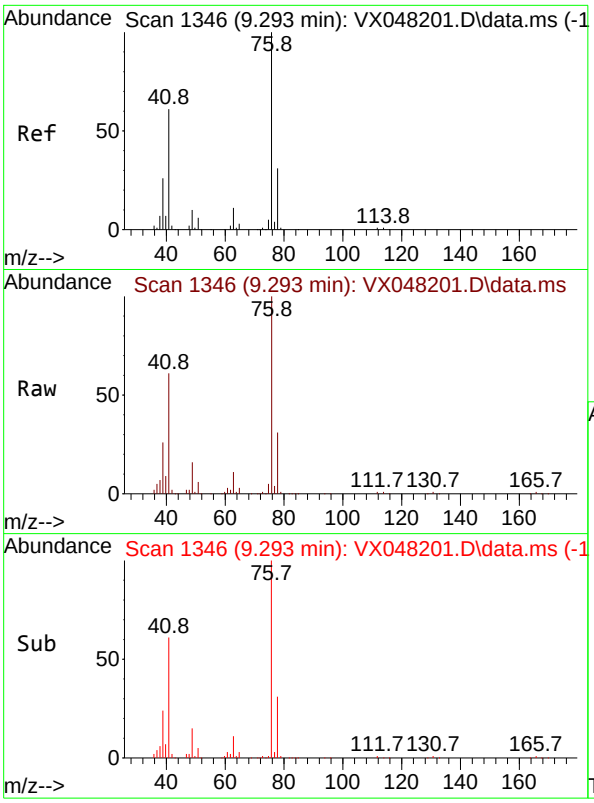


#56
Ethyl methacrylate
Concen: 55.800 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 69 Resp: 115491

Ion	Ratio	Lower	Upper
69	100		
41	70.0	56.0	84.0
39	39.5	31.6	47.4





#57
1,3-Dichloropropane
Concen: 51.742 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 76 Resp: 13756

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.4	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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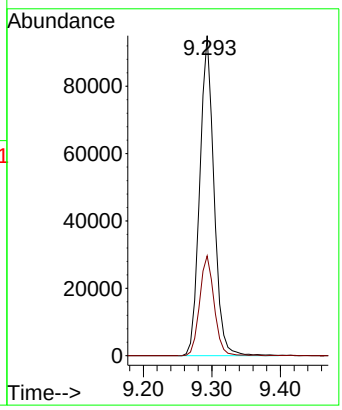
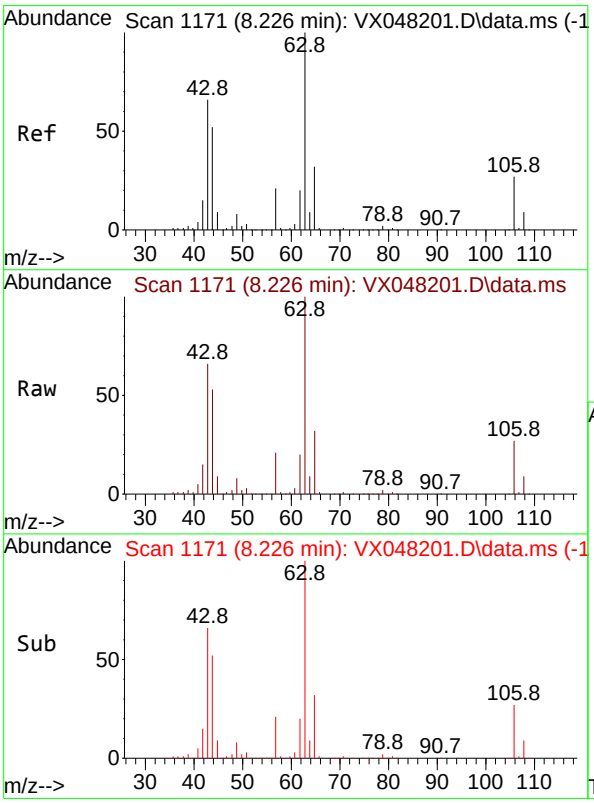
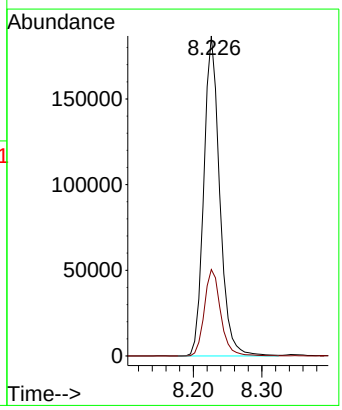


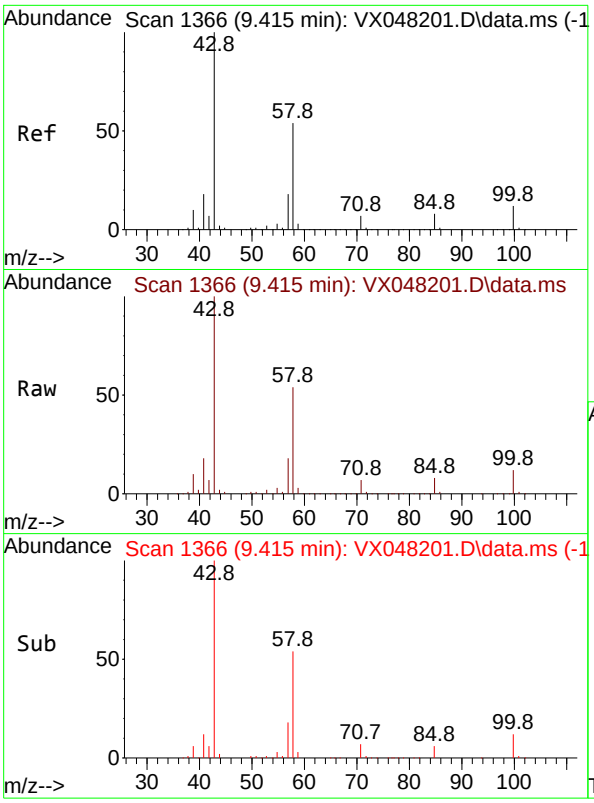


#58
2-Chloroethyl Vinyl ether
Concen: 237.498 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 63 Resp: 301874

Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.2	33.2





#59
2-Hexanone
Concen: 271.214 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 32362

Ion	Ratio	Lower	Upper
43	100		
58	52.5	26.3	78.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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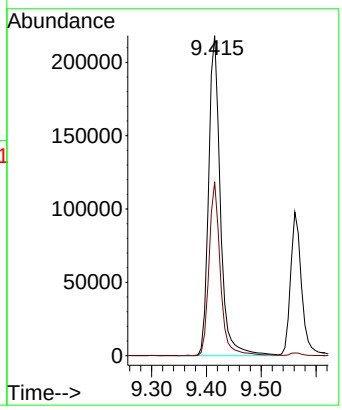
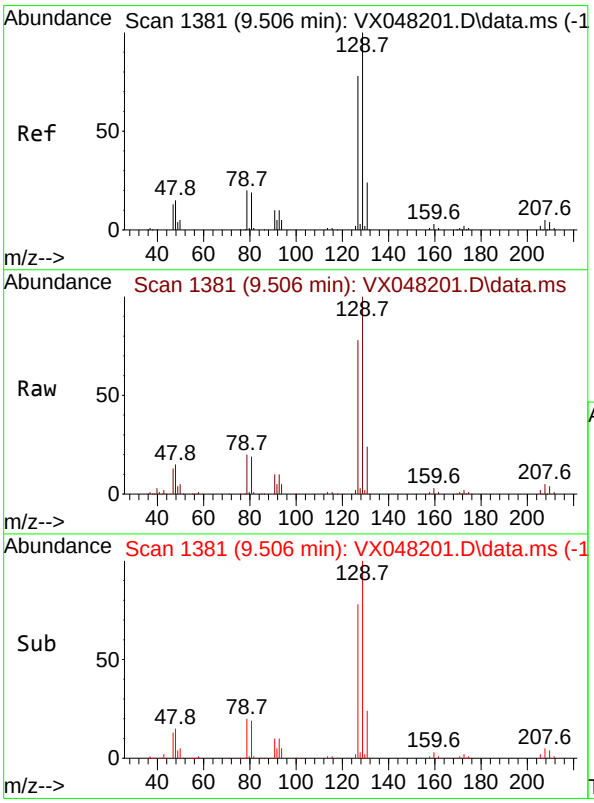
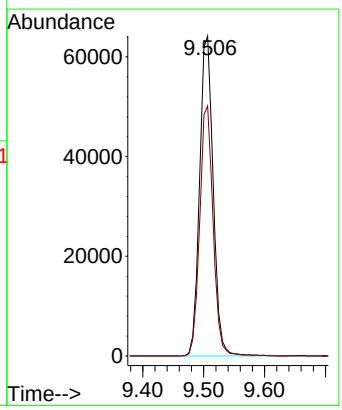


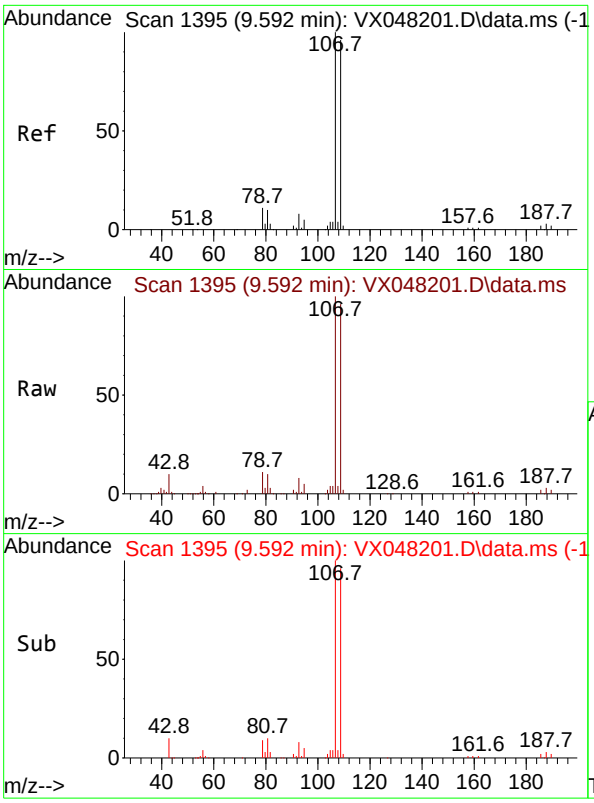


#60
Dibromochloromethane
Concen: 52.070 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:129 Resp: 99180

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.7

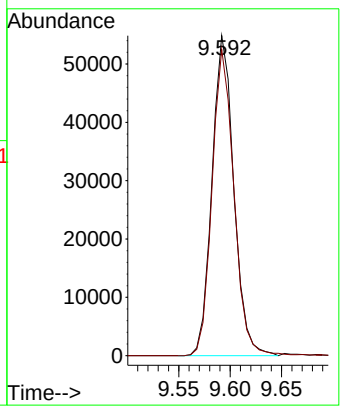




#61
1,2-Dibromoethane
Concen: 51.792 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:107 Resp: 8081

Ion	Ratio	Lower	Upper
107	100		
109	96.2	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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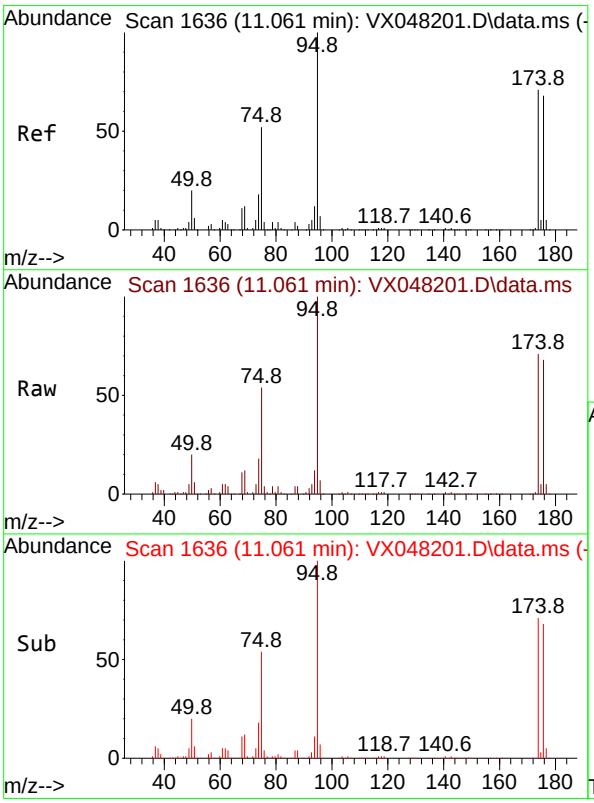
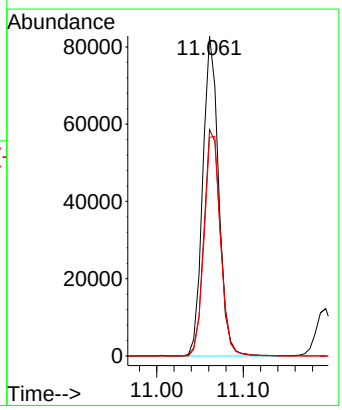
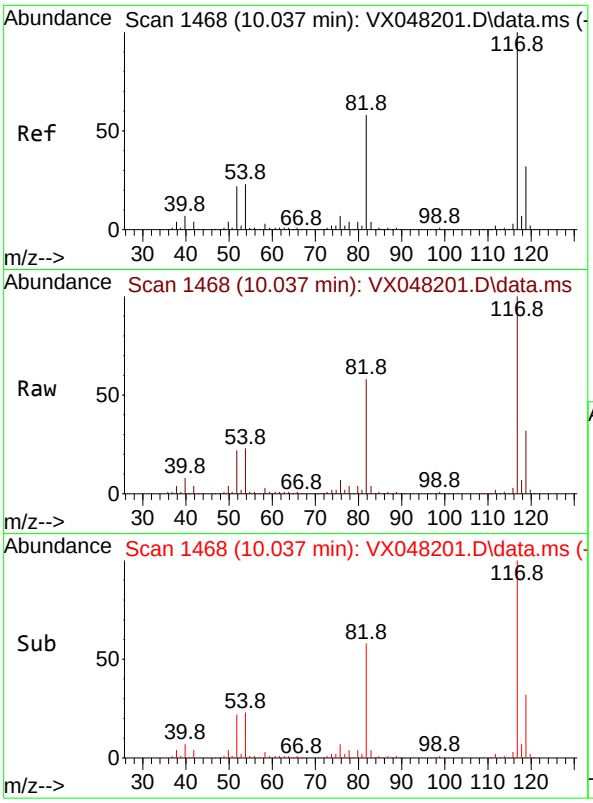


#62
4-Bromofluorobenzene
Concen: 49.416 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 95 Resp: 105186

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	147.8
176	71.4	0.0	142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:117 Resp: 20871

Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.5	69.7
119	32.4	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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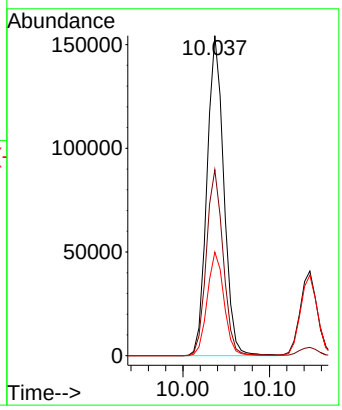
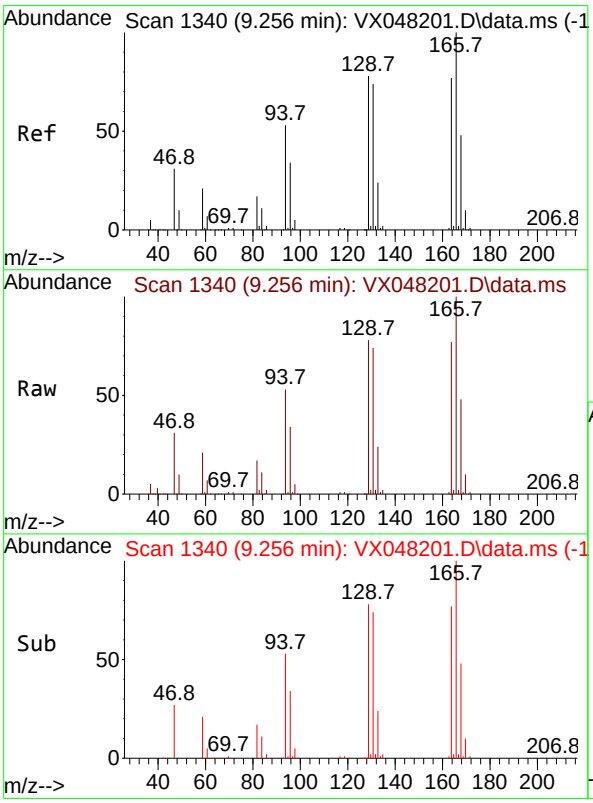
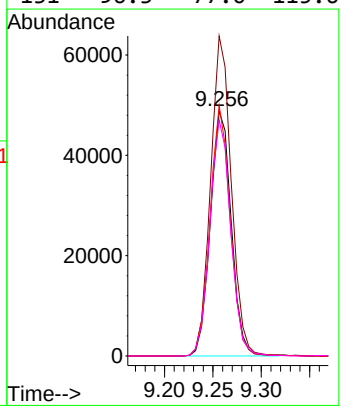


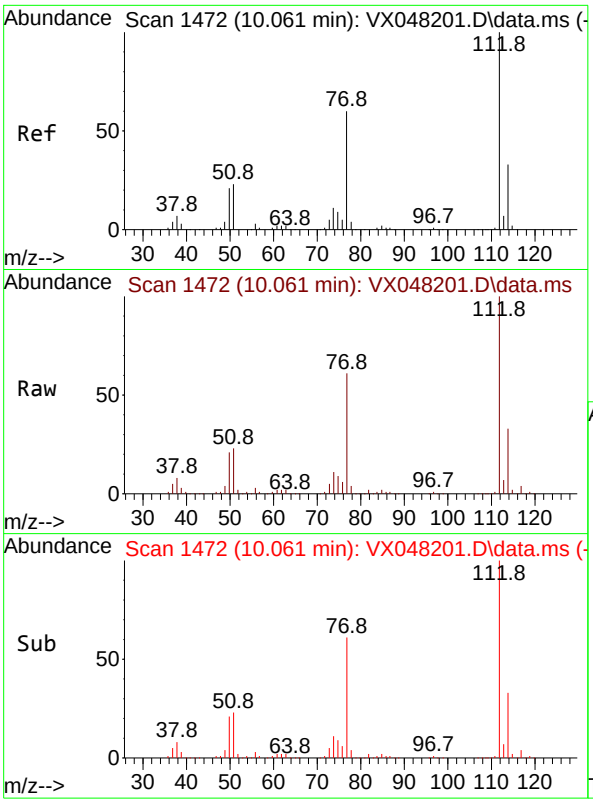


#64
Tetrachloroethene
Concen: 49.965 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:164 Resp: 73122

Ion	Ratio	Lower	Upper
164	100		
166	130.6	104.5	156.7
129	102.2	81.8	122.6
131	96.3	77.0	115.6





#65
Chlorobenzene
Concen: 51.440 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:112 Resp: 23475

Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.2	39.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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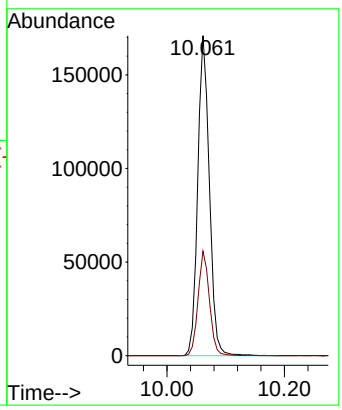
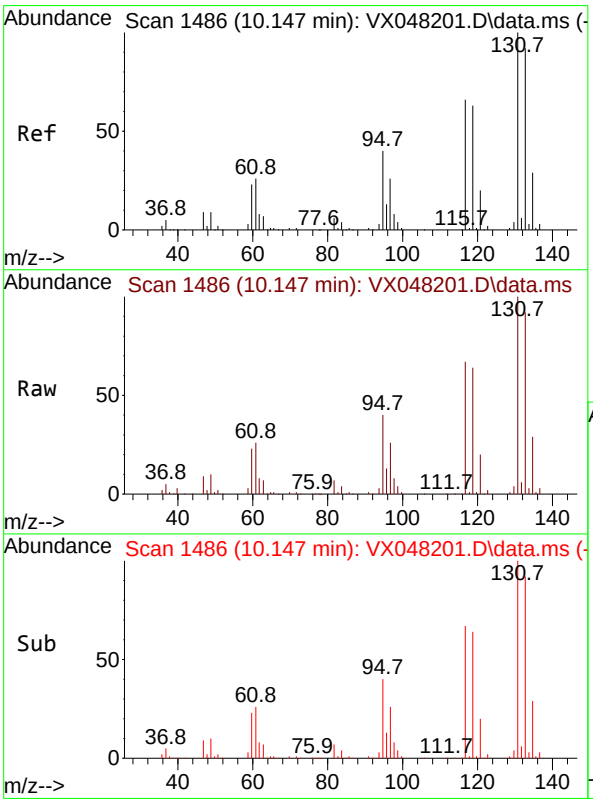
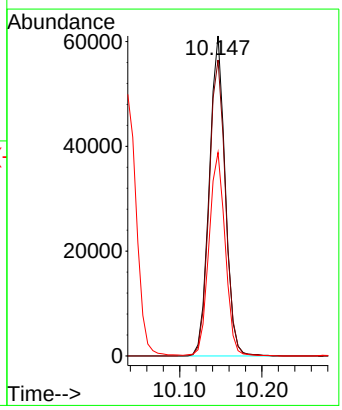


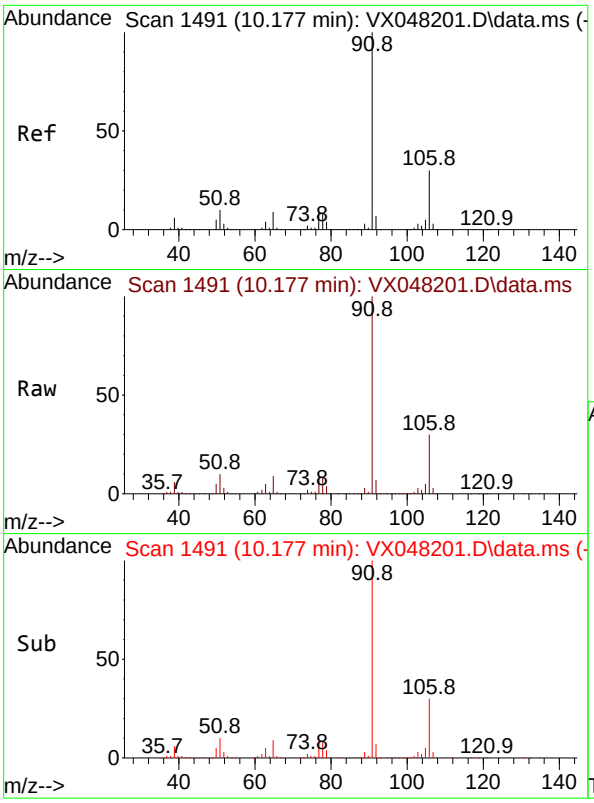


#66
1,1,1,2-Tetrachloroethane
Concen: 50.061 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:131 Resp: 82328

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.6	142.8
119	65.0	32.5	97.5

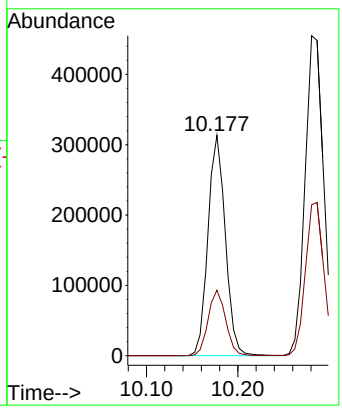




#67
Ethyl Benzene
Concen: 52.808 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 41316

Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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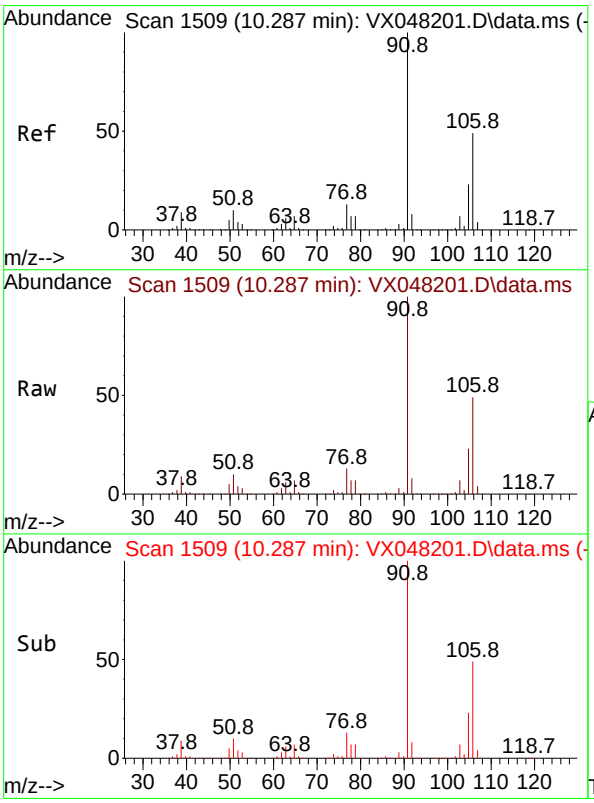
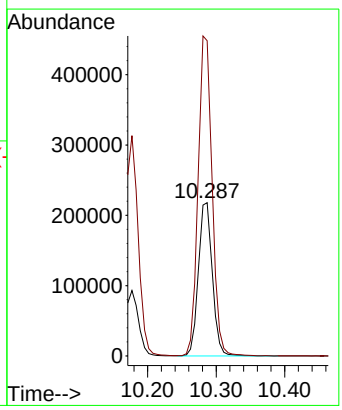
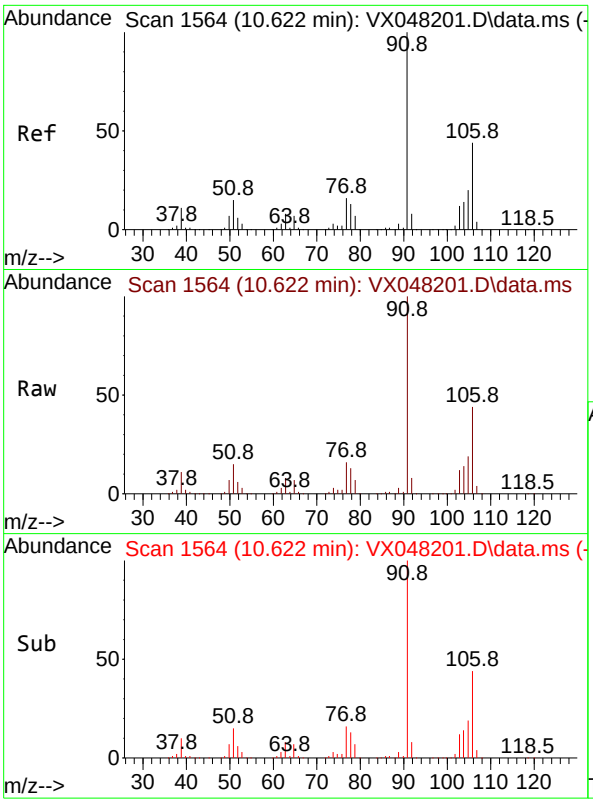


#68
m/p-Xylenes
Concen: 106.125 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:106 Resp: 309325

Ion	Ratio	Lower	Upper
106	100		
91	209.9	167.9	251.9





#69
o-Xylene
Concen: 53.330 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:106 Resp: 14632

Ion	Ratio	Lower	Upper
106	100		
91	222.6	111.3	333.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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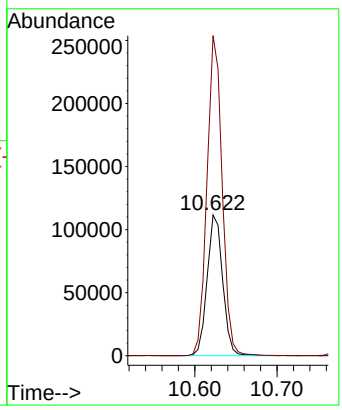
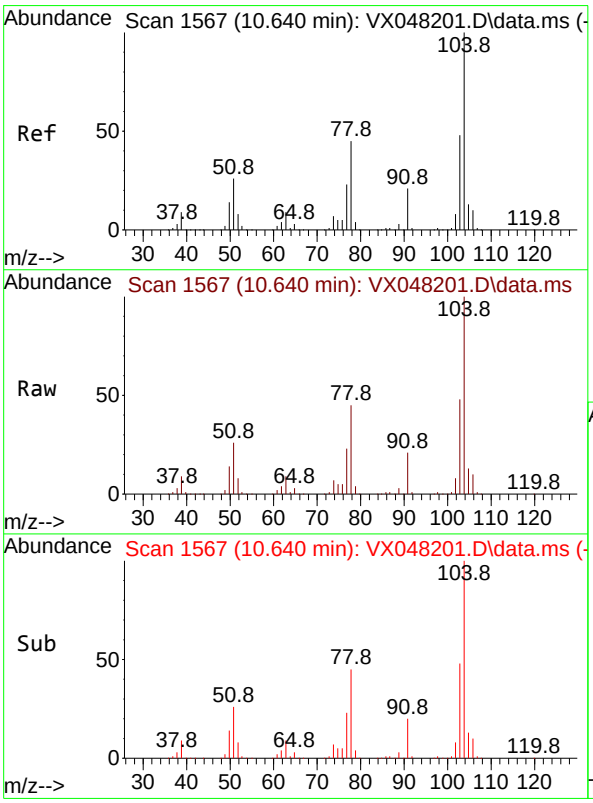
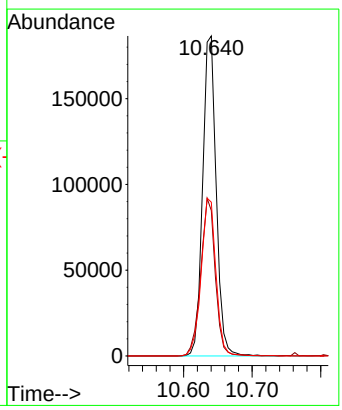


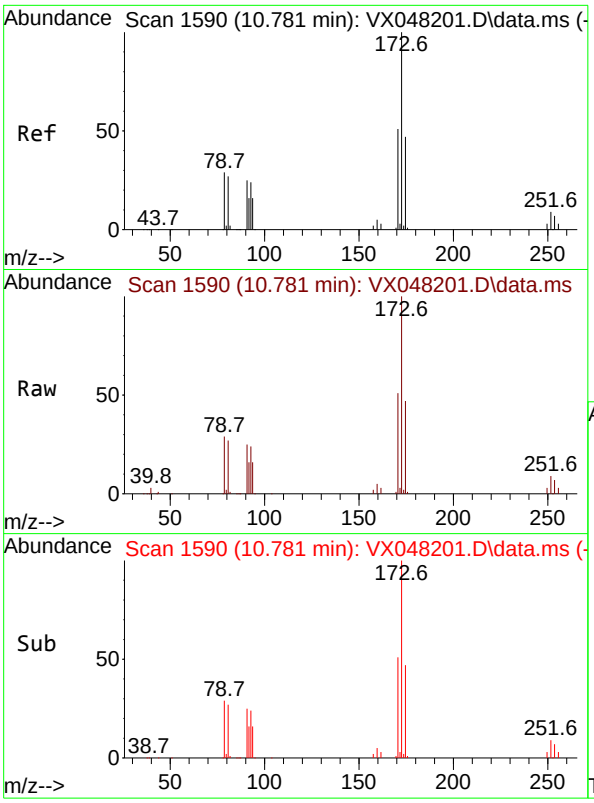


#70
Styrene
Concen: 54.486 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:104 Resp: 257332

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	53.7	43.0	64.4

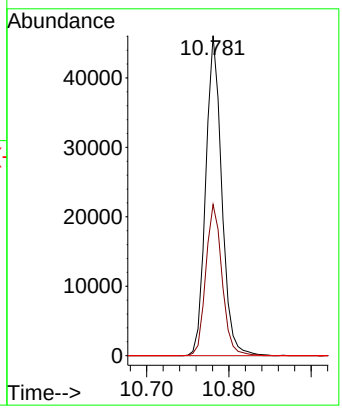




#71
Bromoform
Concen: 51.573 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:173 Resp: 6228

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.0	72.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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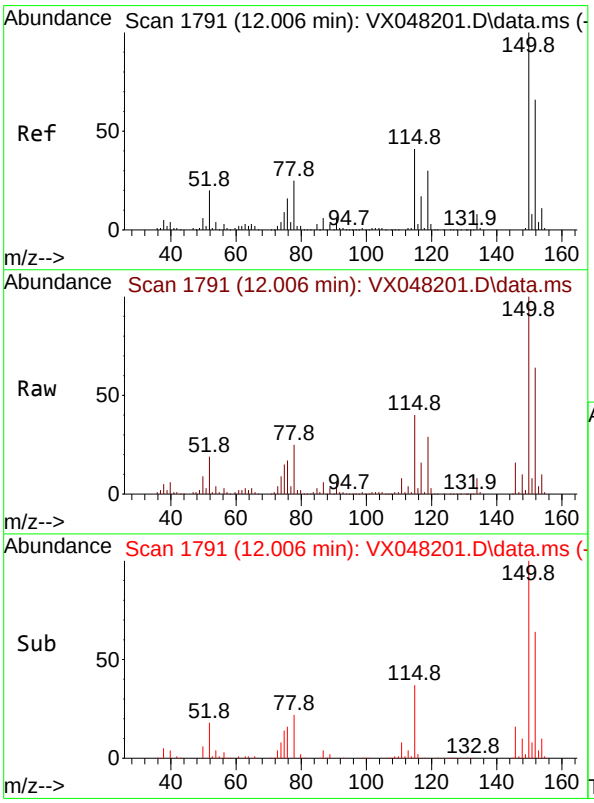
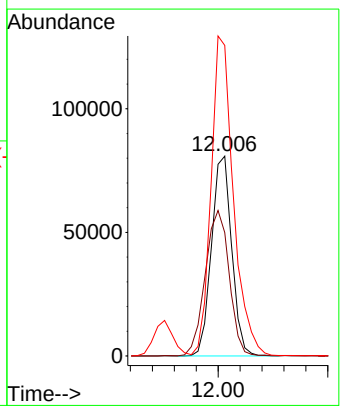
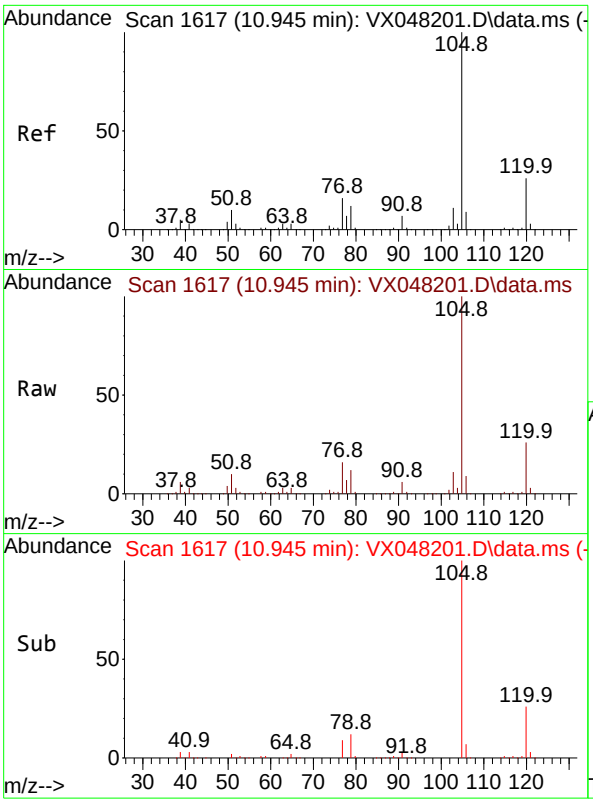


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:152 Resp: 103673

Ion	Ratio	Lower	Upper
152	100		
115	86.3	43.1	129.4
150	176.5	0.0	353.0





#73
Isopropylbenzene
Concen: 53.140 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:105 Resp: 38318

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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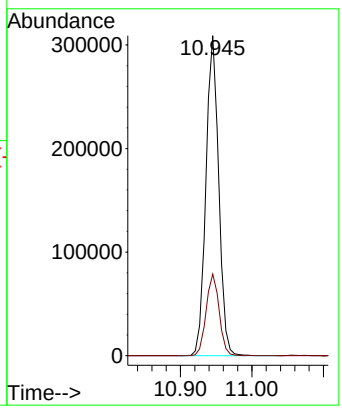
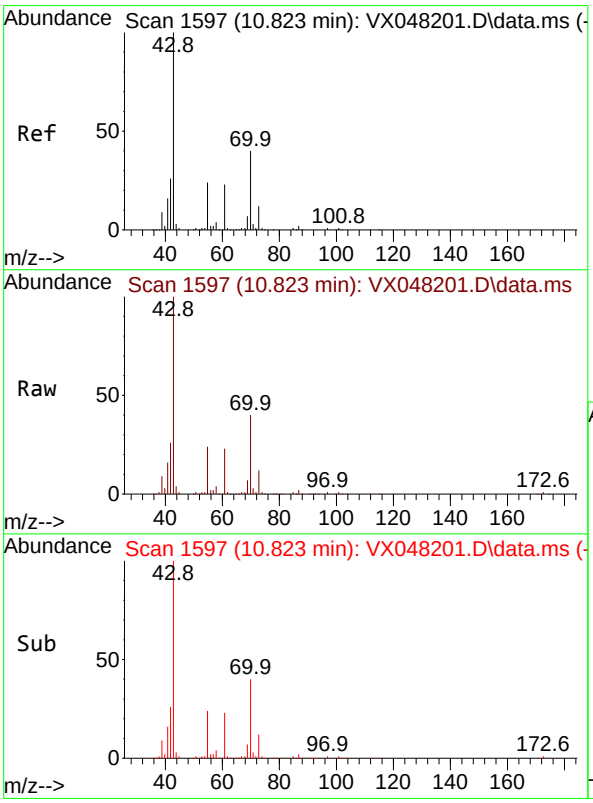
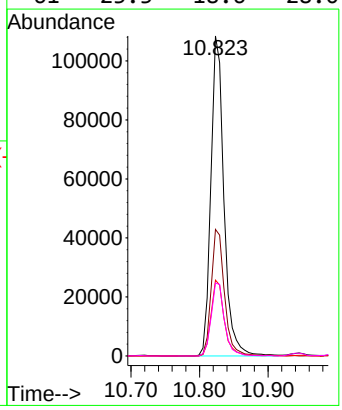


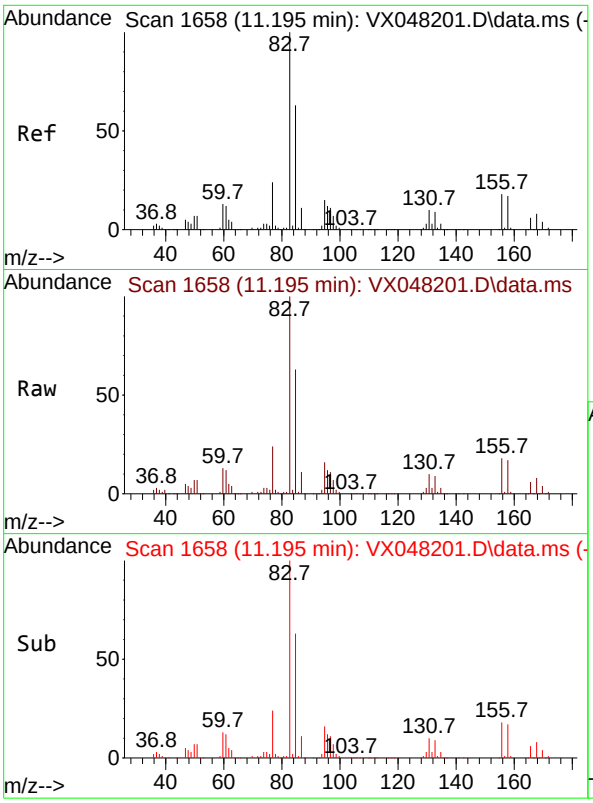


#74
N-amyl acetate
Concen: 53.500 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 143916

Ion	Ratio	Lower	Upper
43	100		
70	40.2	32.2	48.2
55	23.9	19.1	28.7
61	23.3	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 51.513 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 83 Resp: 10523

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.4
85	63.8	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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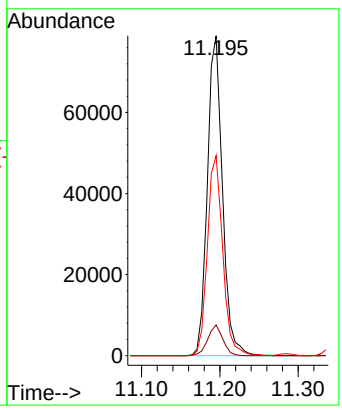
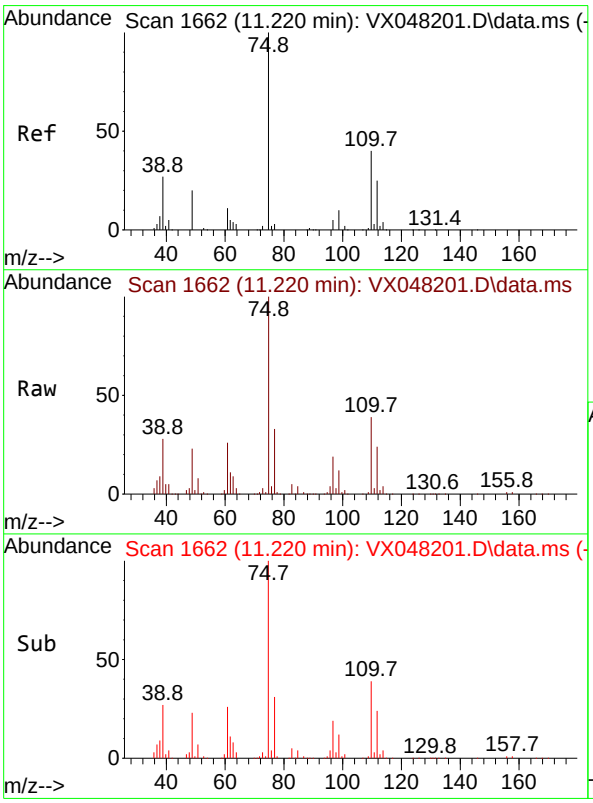
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

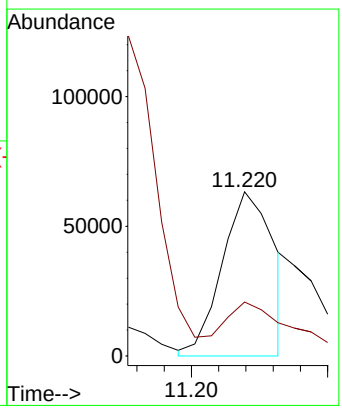


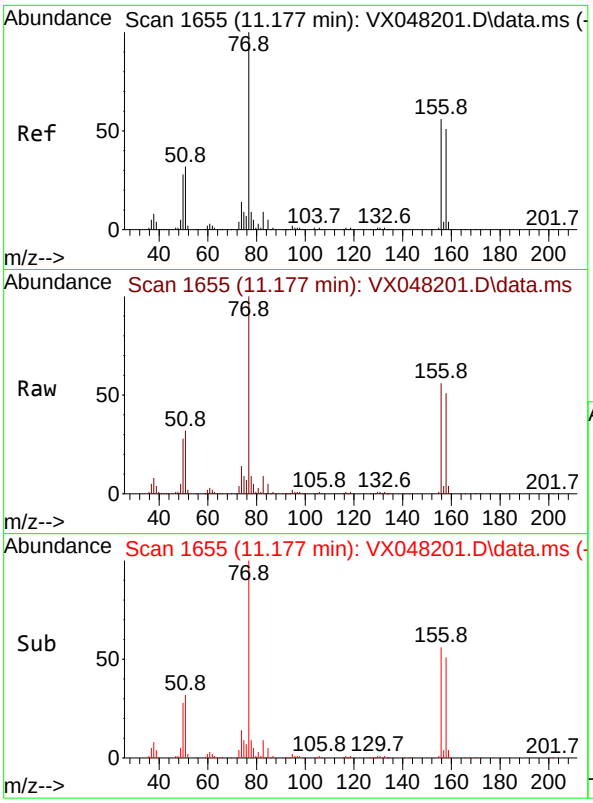


#76
1,2,3-Trichloropropane
Concen: 52.482 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 83086

Ion	Ratio	Lower	Upper
75	100		
77	44.8	22.4	67.2

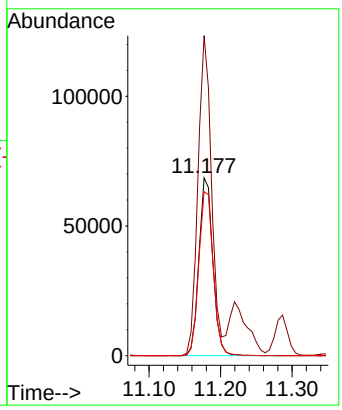




#77
Bromobenzene
Concen: 51.377 ug/l
RT: 11.177 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:156 Resp: 9270

Ion	Ratio	Lower	Upper
156	100		
77	174.0	87.0	261.0
158	95.6	47.8	143.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :John Carlone 10/20/2025
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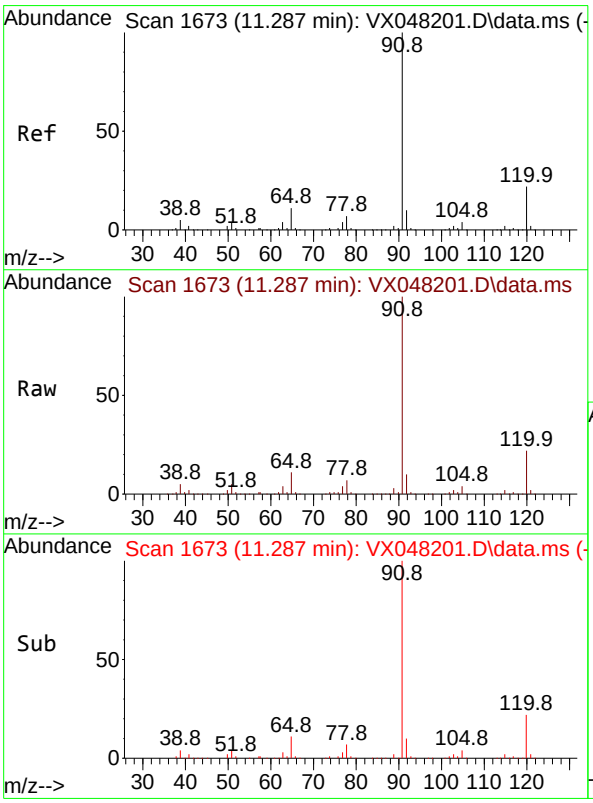
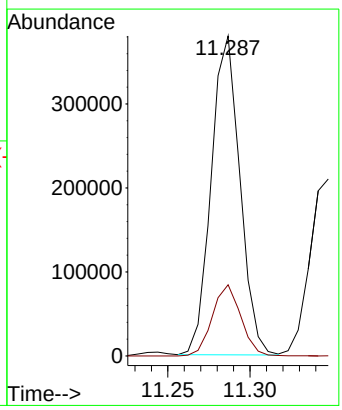
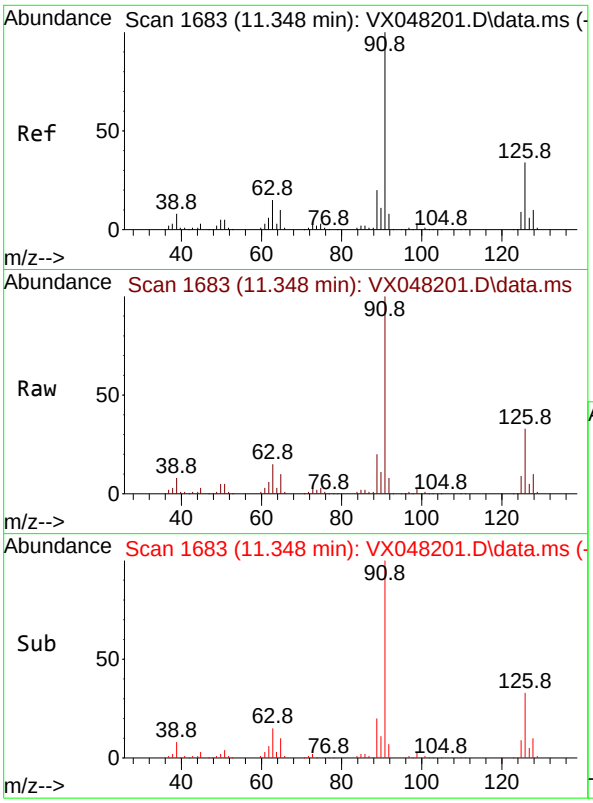


#78
n-propylbenzene
Concen: 52.775 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 461479

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1





#79
2-Chlorotoluene
Concen: 51.065 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 26978

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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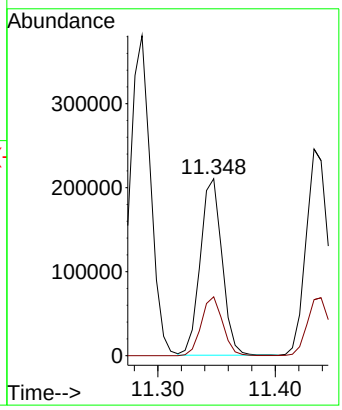
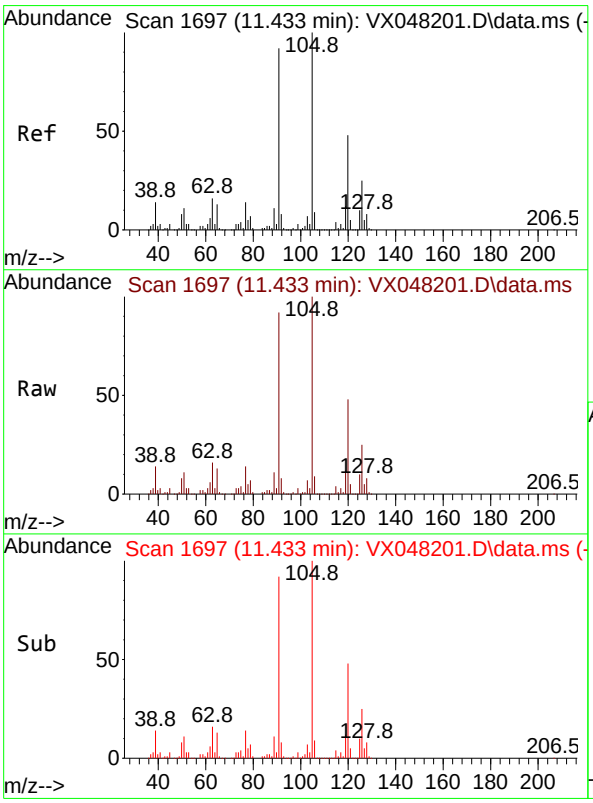
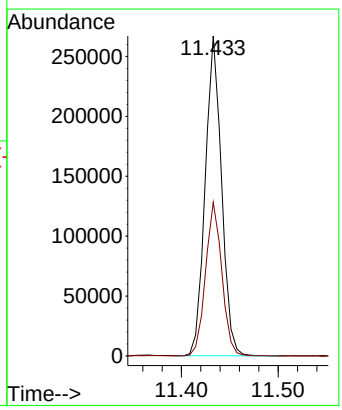


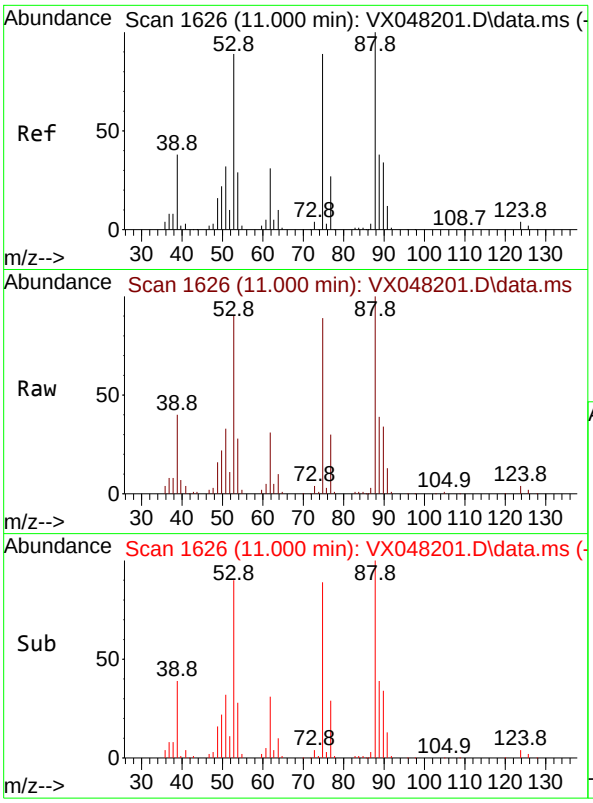


#80
1,3,5-Trimethylbenzene
Concen: 53.099 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:105 Resp: 314287

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.874 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 3418

Ion	Ratio	Lower	Upper
75	100		
53	99.4	79.5	119.3
89	46.0	36.8	55.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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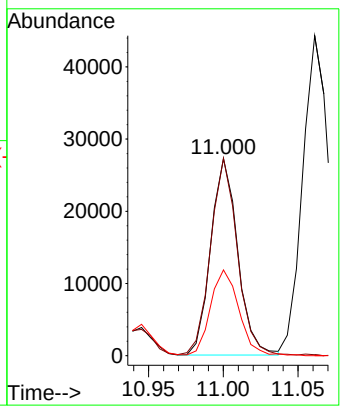
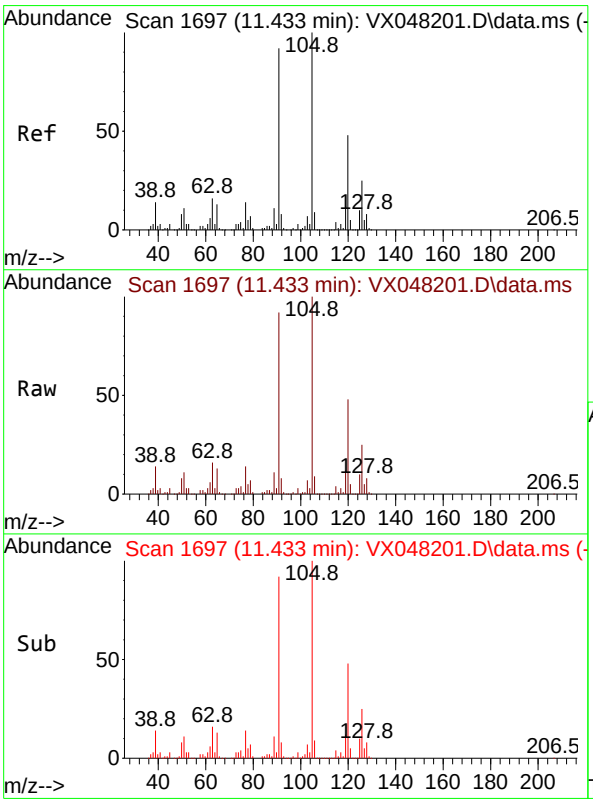
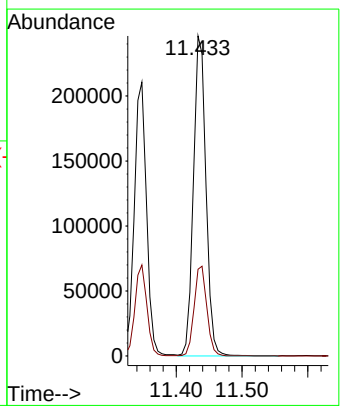


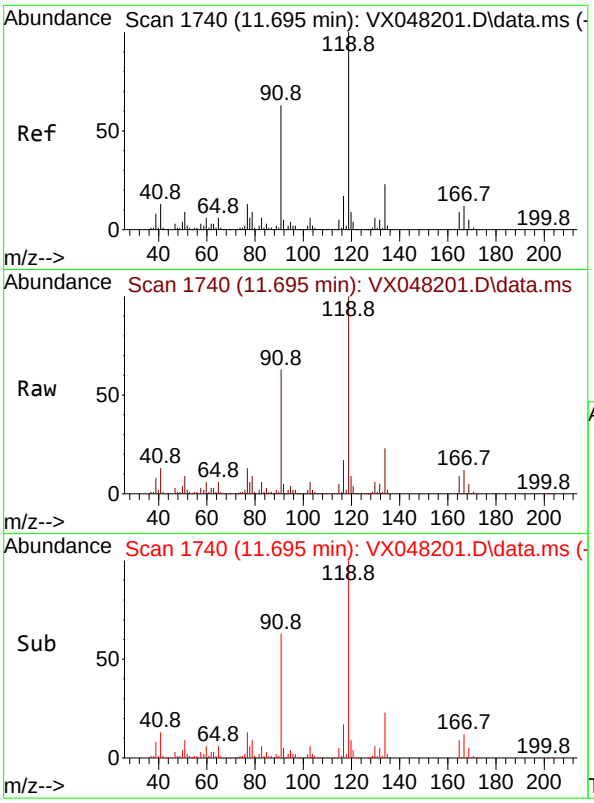


#82
4-Chlorotoluene
Concen: 52.395 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 325295

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.1	42.4

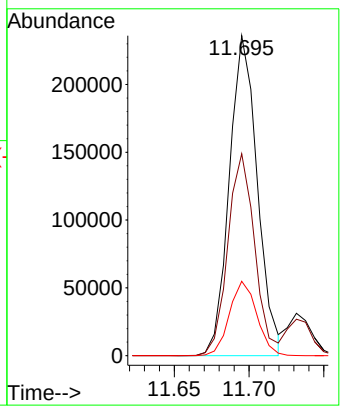




#83
tert-Butylbenzene
Concen: 51.367 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:119 Resp: 30716

Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.3	91.0
134	22.8	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :John Carlone 10/20/2025
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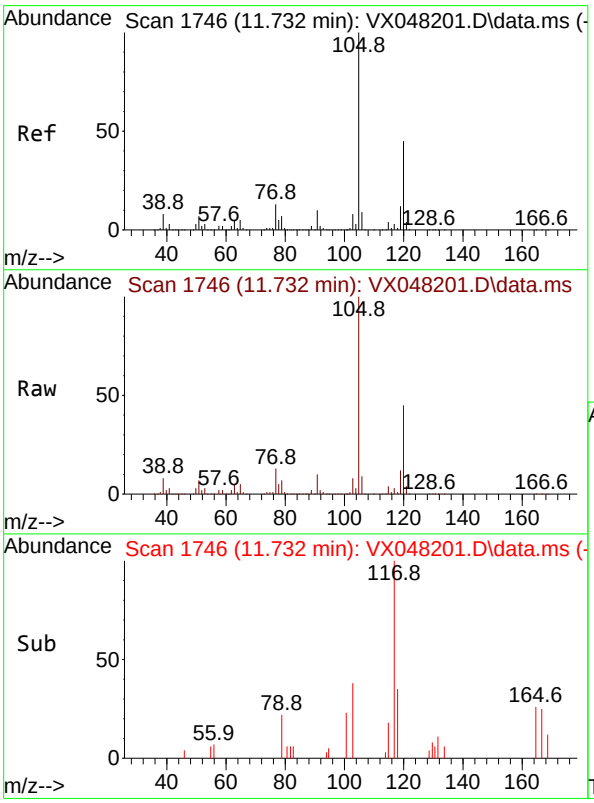
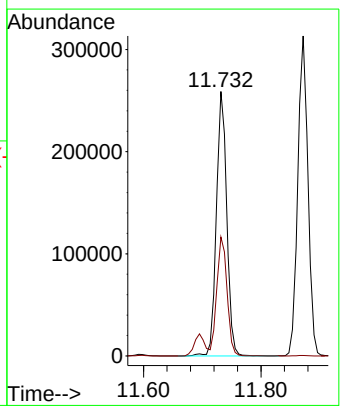
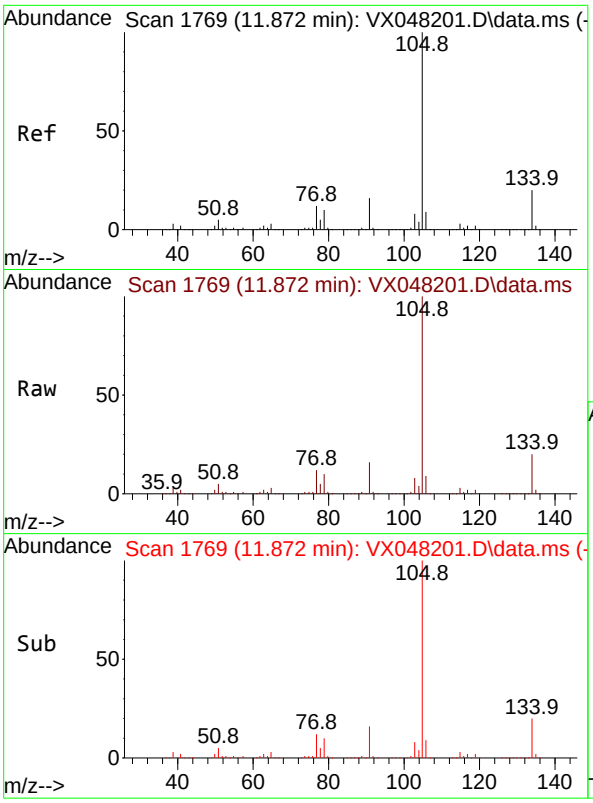


#84
1,2,4-Trimethylbenzene
Concen: 53.732 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:105 Resp: 316687

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5





#85
sec-Butylbenzene
Concen: 51.411 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:105 Resp: 37583

Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :John Carlone 10/20/2025
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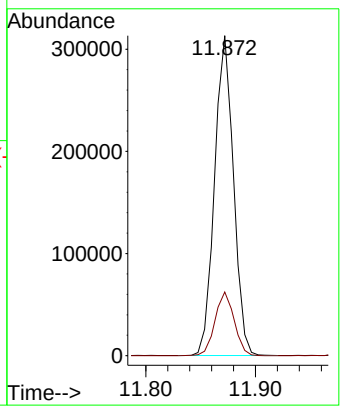
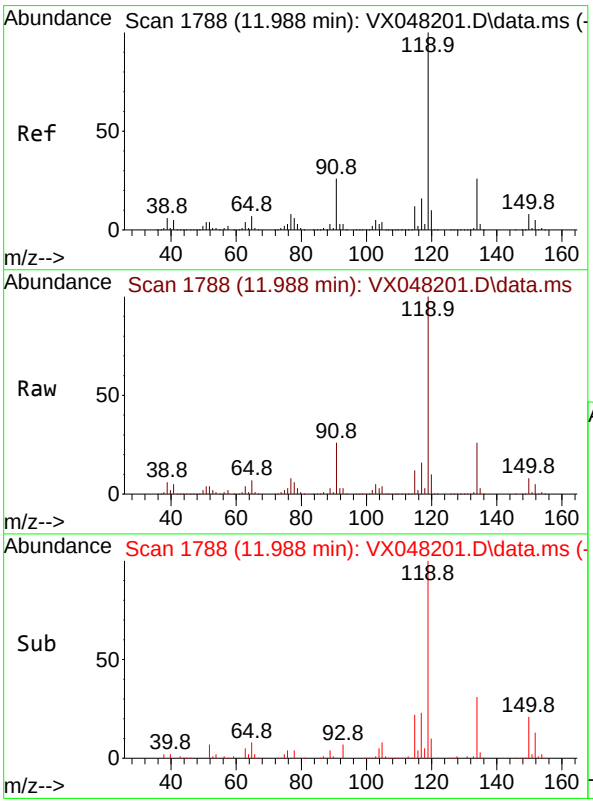
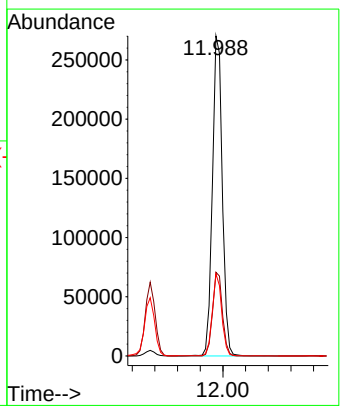


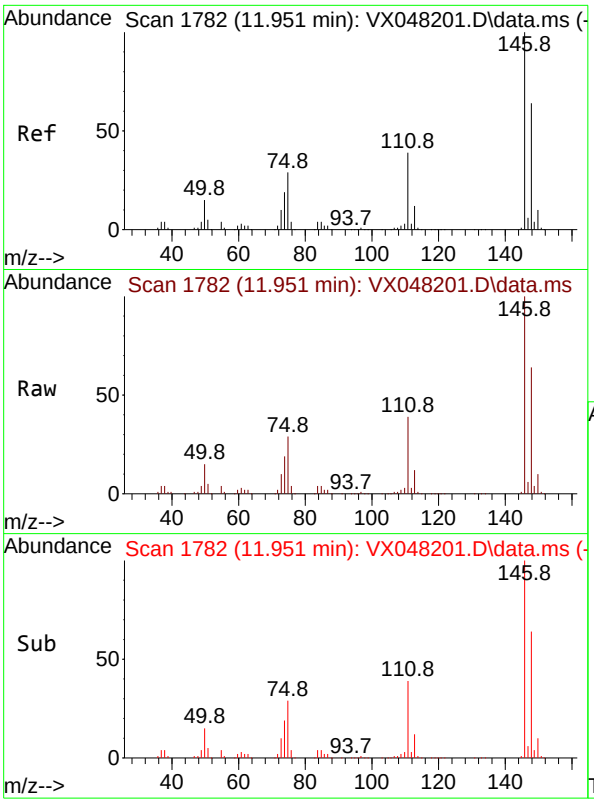


#86
p-Isopropyltoluene
Concen: 53.044 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:119 Resp: 326853

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.0	39.0
91	24.2	12.1	36.3

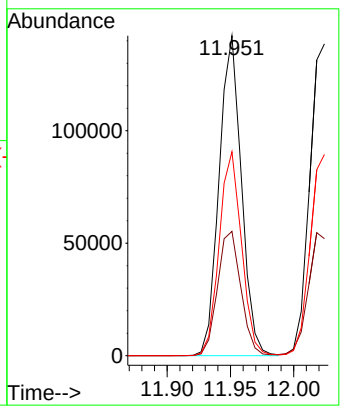




#87
1,3-Dichlorobenzene
Concen: 51.652 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:146 Resp: 17430

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	63.9	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :John Carlone 10/20/2025
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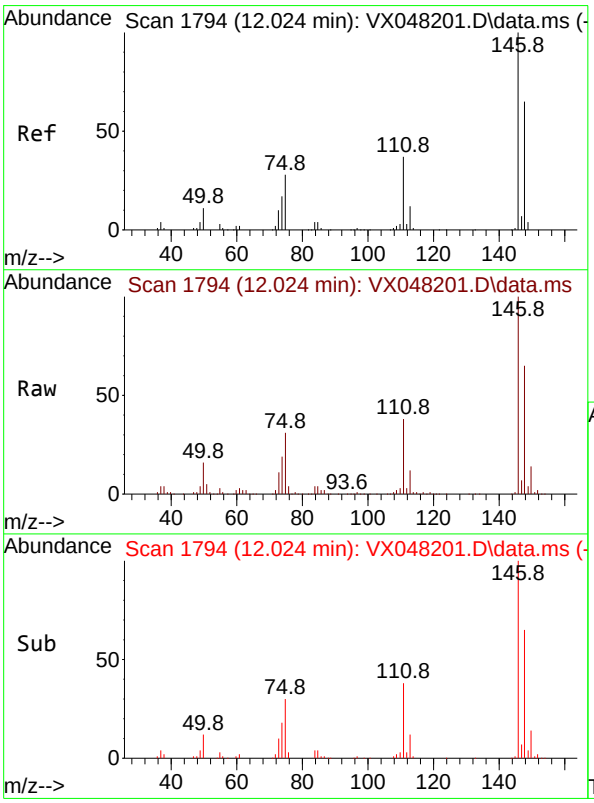
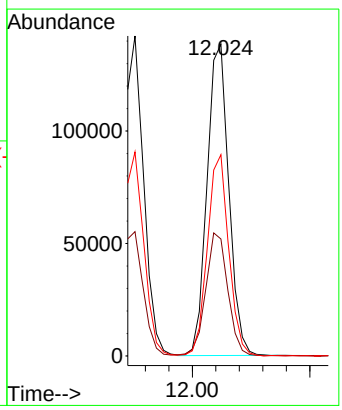
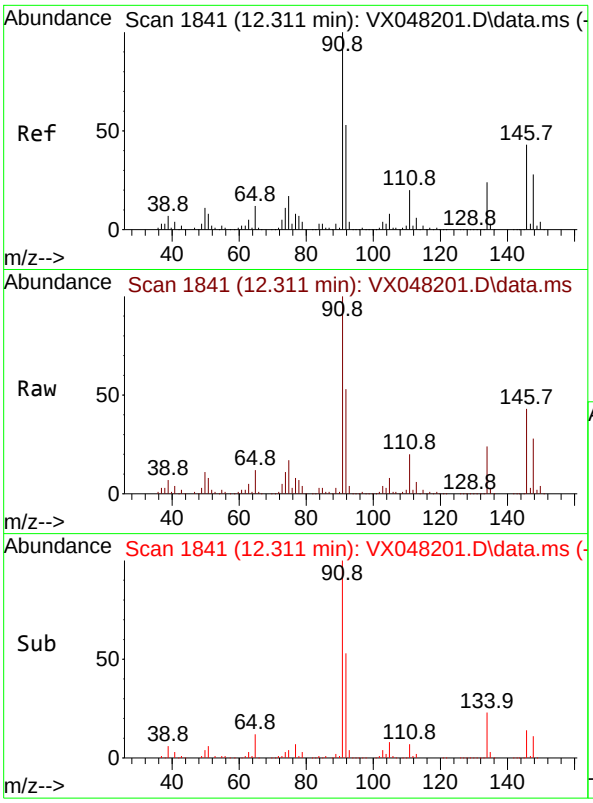


#88
1,4-Dichlorobenzene
Concen: 50.909 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:146 Resp: 178082

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	63.5	31.8	95.3

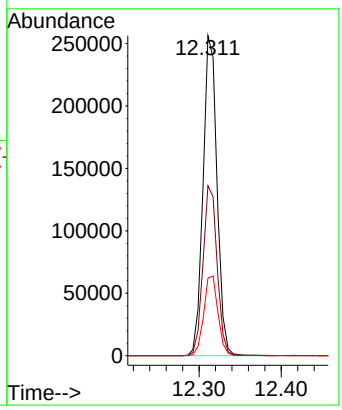




#89
n-Butylbenzene
Concen: 52.723 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 91 Resp: 30259

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.6
134	25.4	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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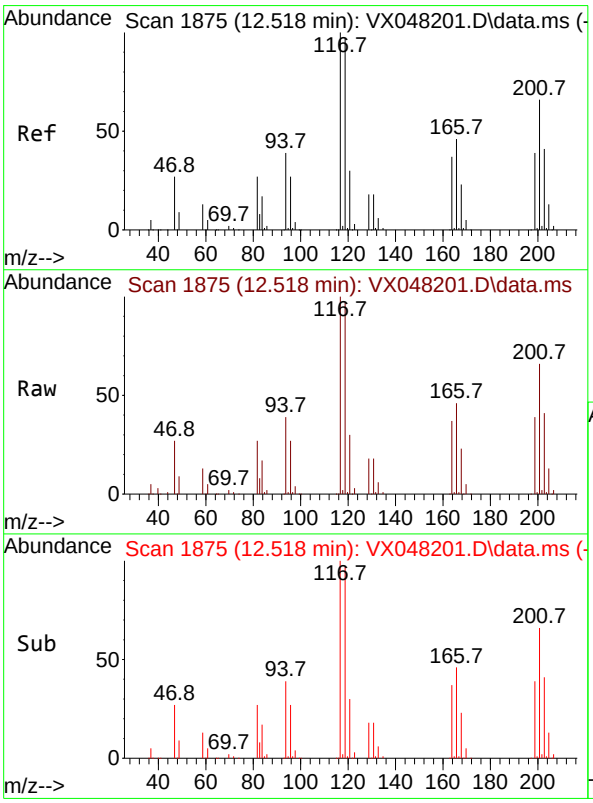
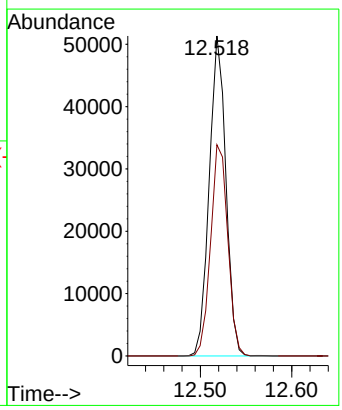
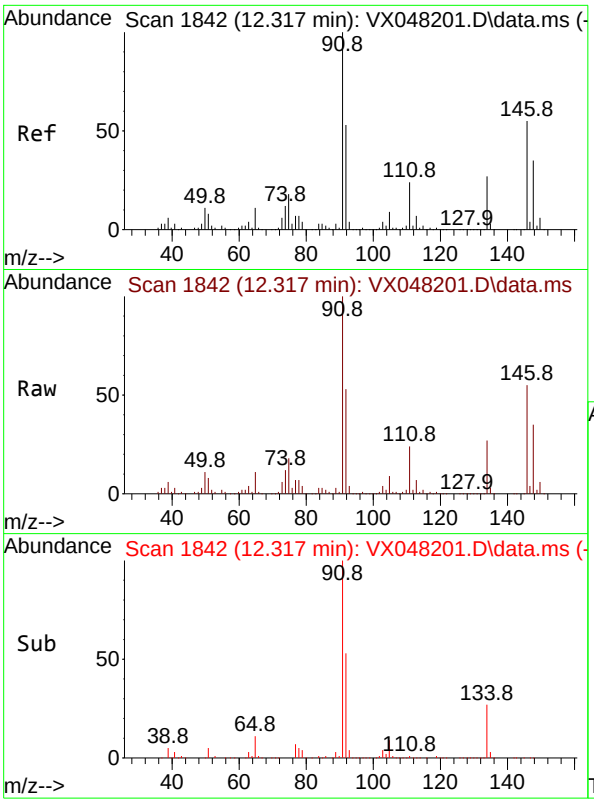


#90
Hexachloroethane
Concen: 49.815 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:117 Resp: 64788

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.1	102.2

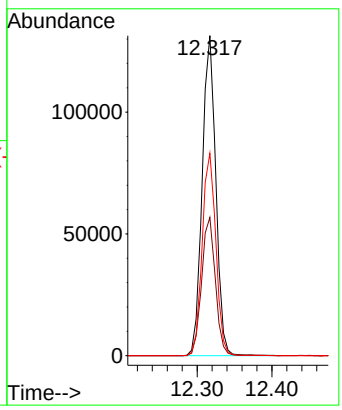




#91
1,2-Dichlorobenzene
Concen: 52.135 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:146 Resp: 16622

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.5
148	63.7	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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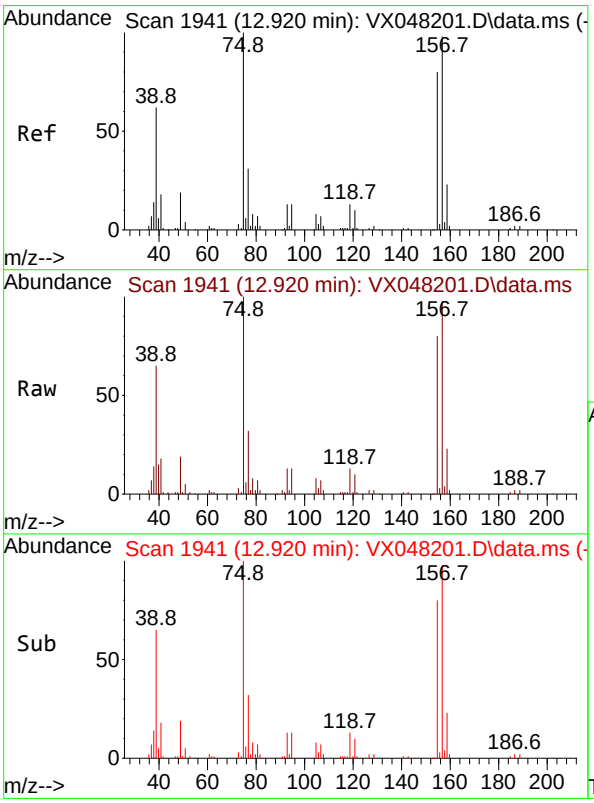
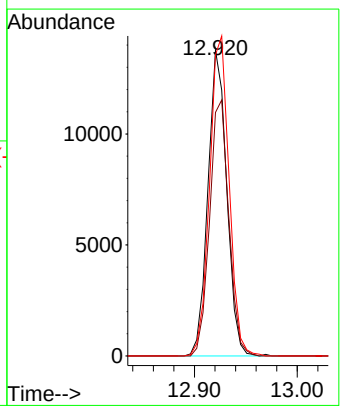
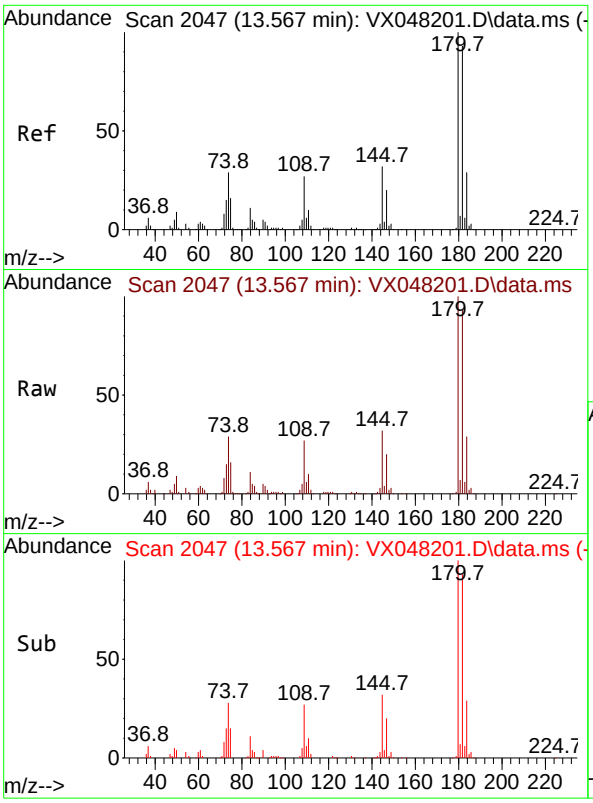


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.797 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 17468

Ion	Ratio	Lower	Upper
75	100		
155	85.6	42.8	128.4
157	108.4	54.2	162.6

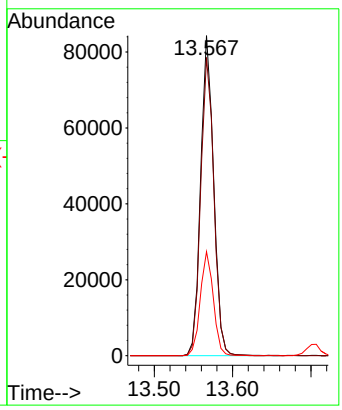




#93
1,2,4-Trichlorobenzene
Concen: 51.590 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:180 Resp: 9710

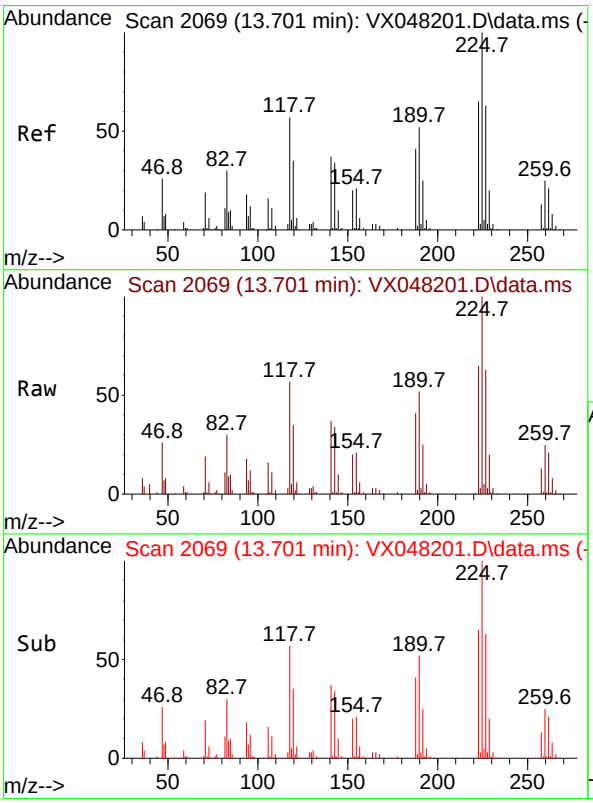
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	32.6	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

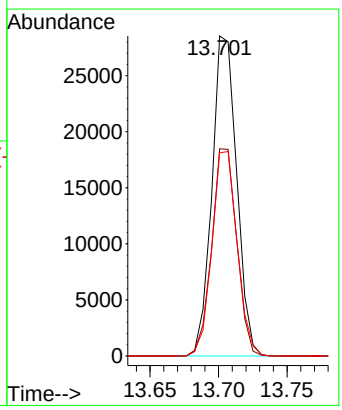
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

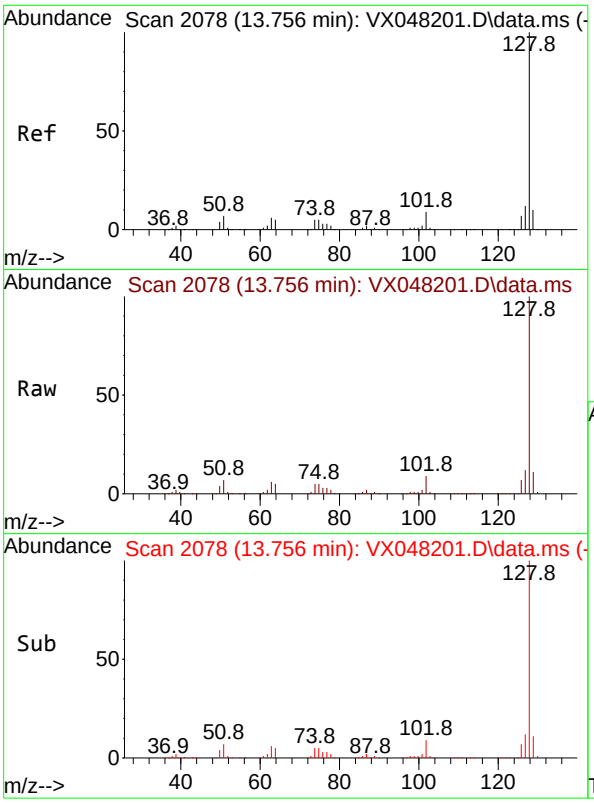


#94
Hexachlorobutadiene
Concen: 49.380 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:225 Resp: 35845

Ion	Ratio	Lower	Upper
225	100		
223	65.1	32.6	97.7
227	64.9	32.5	97.4

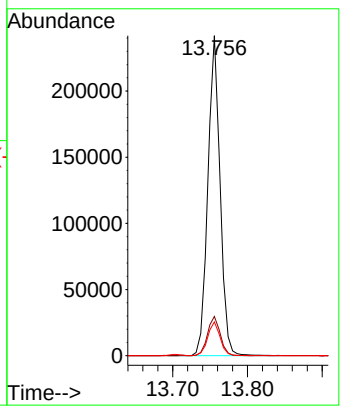




#95
Naphthalene
Concen: 55.178 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:128 Resp: 27376

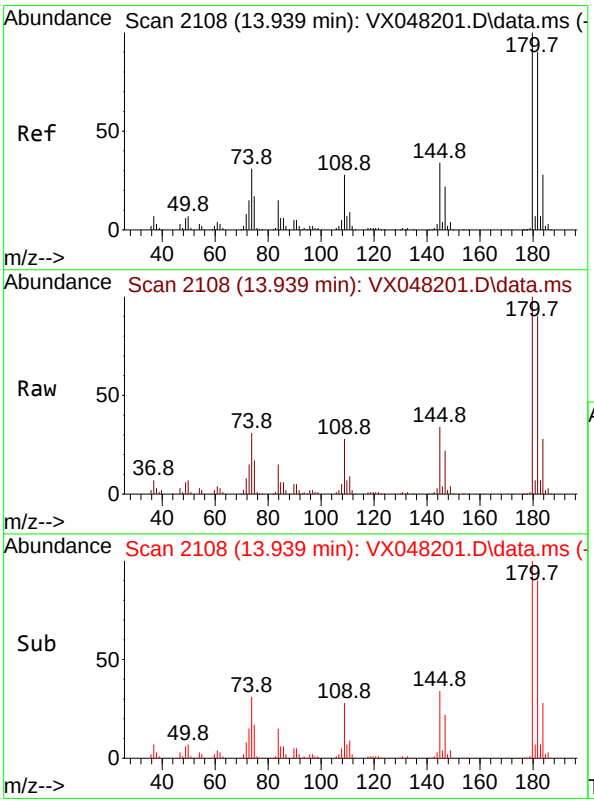
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

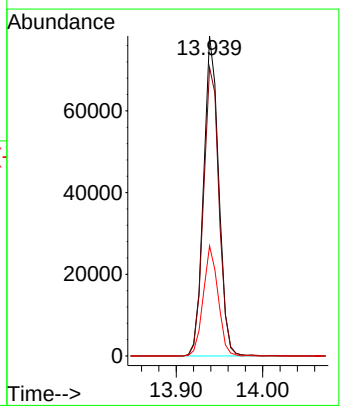
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.549 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:180 Resp: 94728

Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.7
145	33.8	16.9	50.7



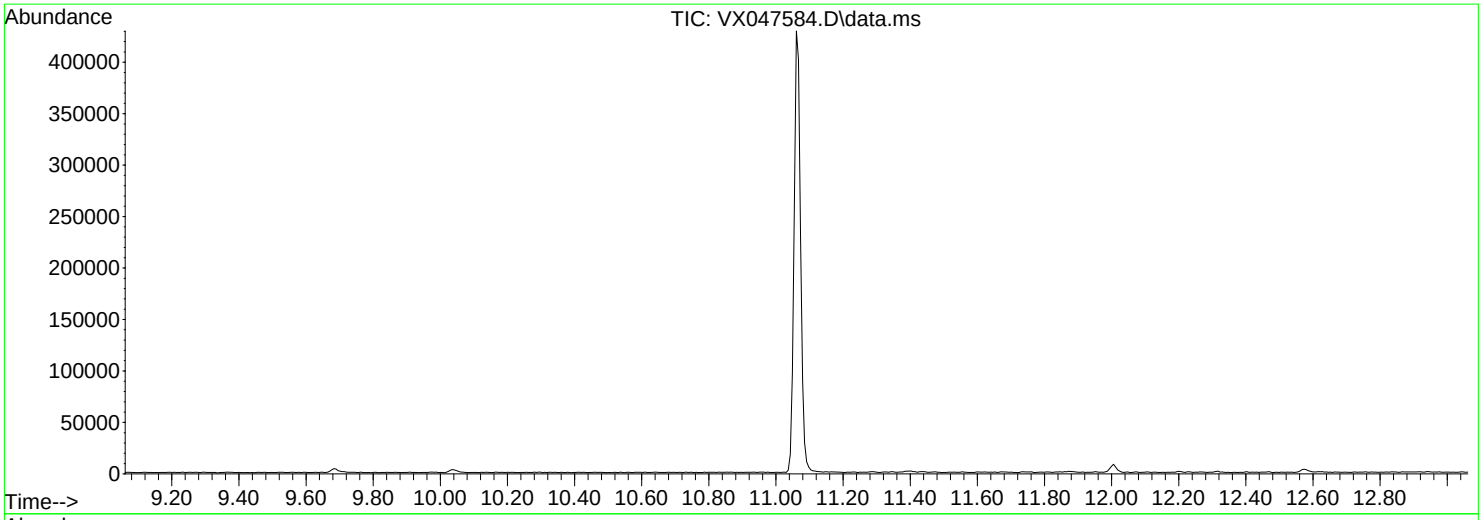
QC SAMPLE DATA

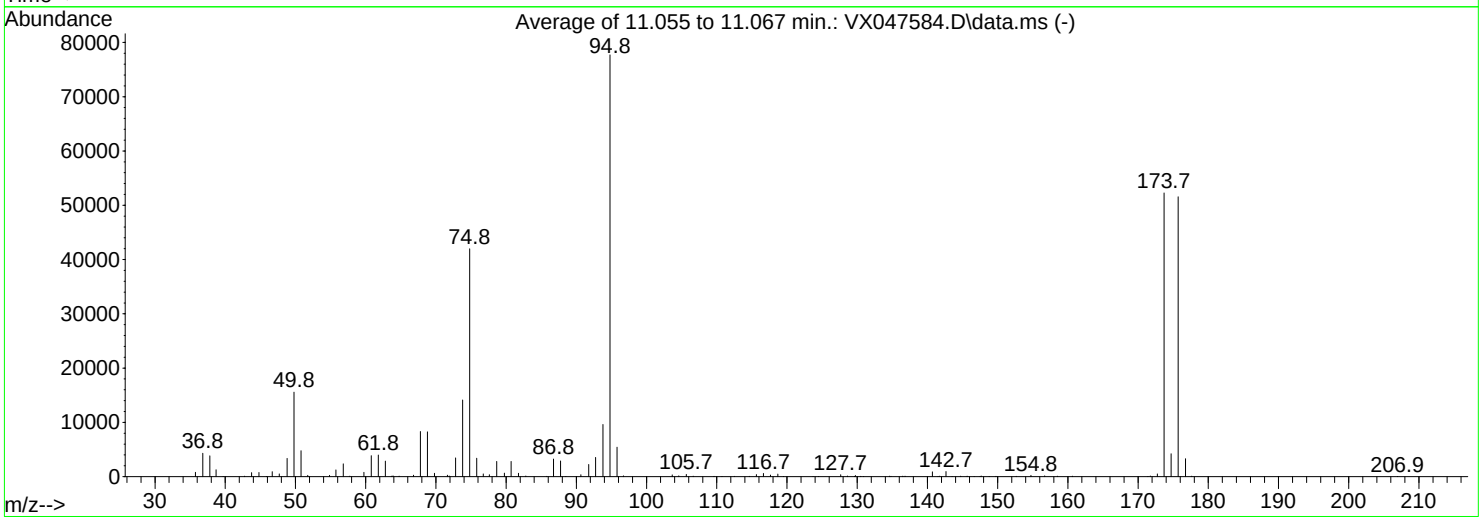
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047584.D
Acq On : 16 Sep 2025 08:56
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025





AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1628

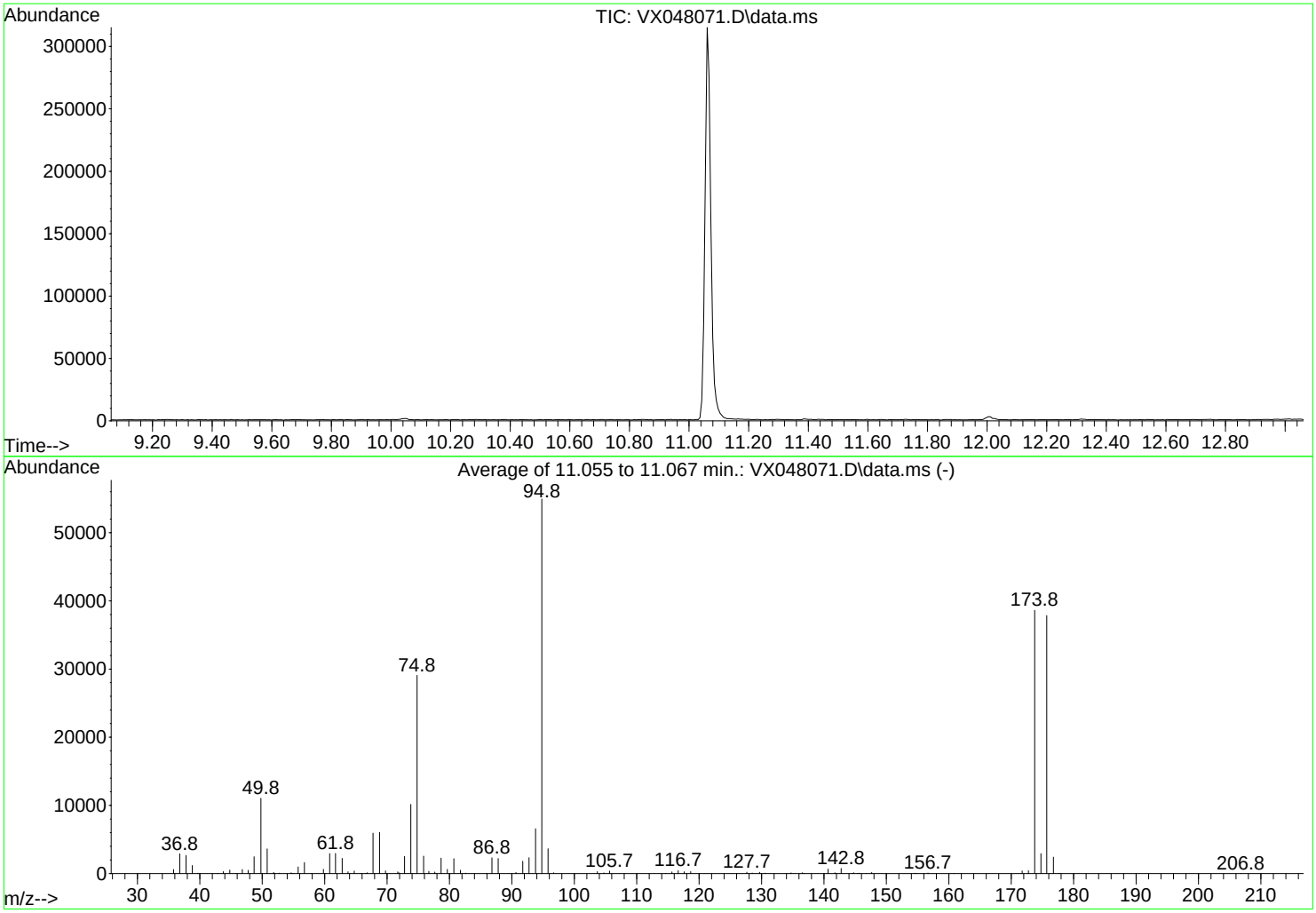
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	15566	PASS
75	95	30	60	54.0	41979	PASS
95	95	100	100	100.0	77717	PASS
96	95	5	9	7.0	5432	PASS
173	174	0.00	2	1.0	507	PASS
174	95	50	100	67.3	52275	PASS
175	174	5	9	8.1	4209	PASS
176	174	95	101	98.6	51560	PASS
177	176	5	9	6.4	3311	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048071.D
Acq On : 09 Oct 2025 08:35
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

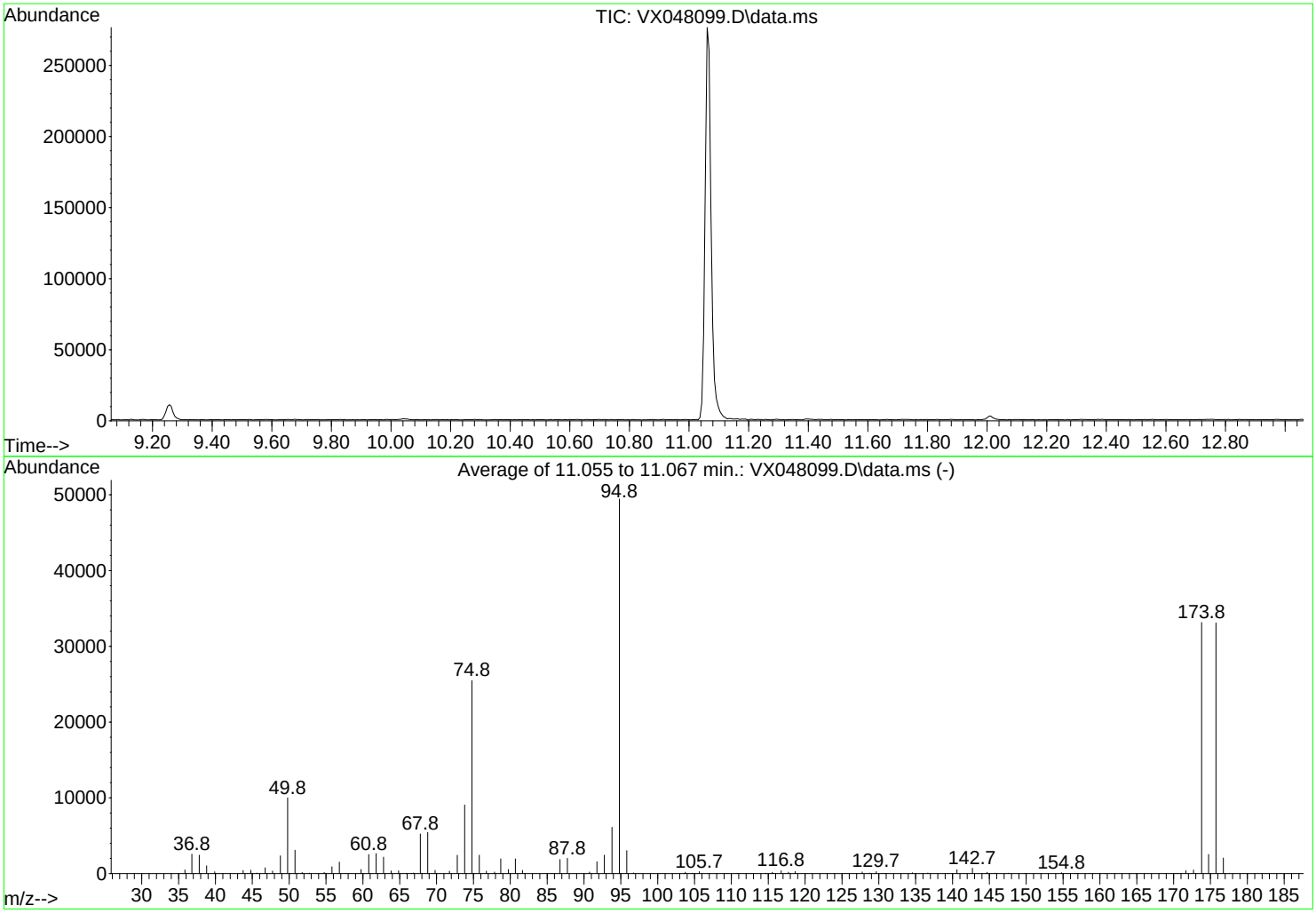
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.1	11054	PASS
75	95	30	60	52.9	29067	PASS
95	95	100	100	100.0	54939	PASS
96	95	5	9	6.6	3653	PASS
173	174	0.00	2	1.1	442	PASS
174	95	50	100	70.3	38624	PASS
175	174	5	9	7.6	2932	PASS
176	174	95	101	98.0	37843	PASS
177	176	5	9	6.4	2426	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048099.D
Acq On : 10 Oct 2025 08:36
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

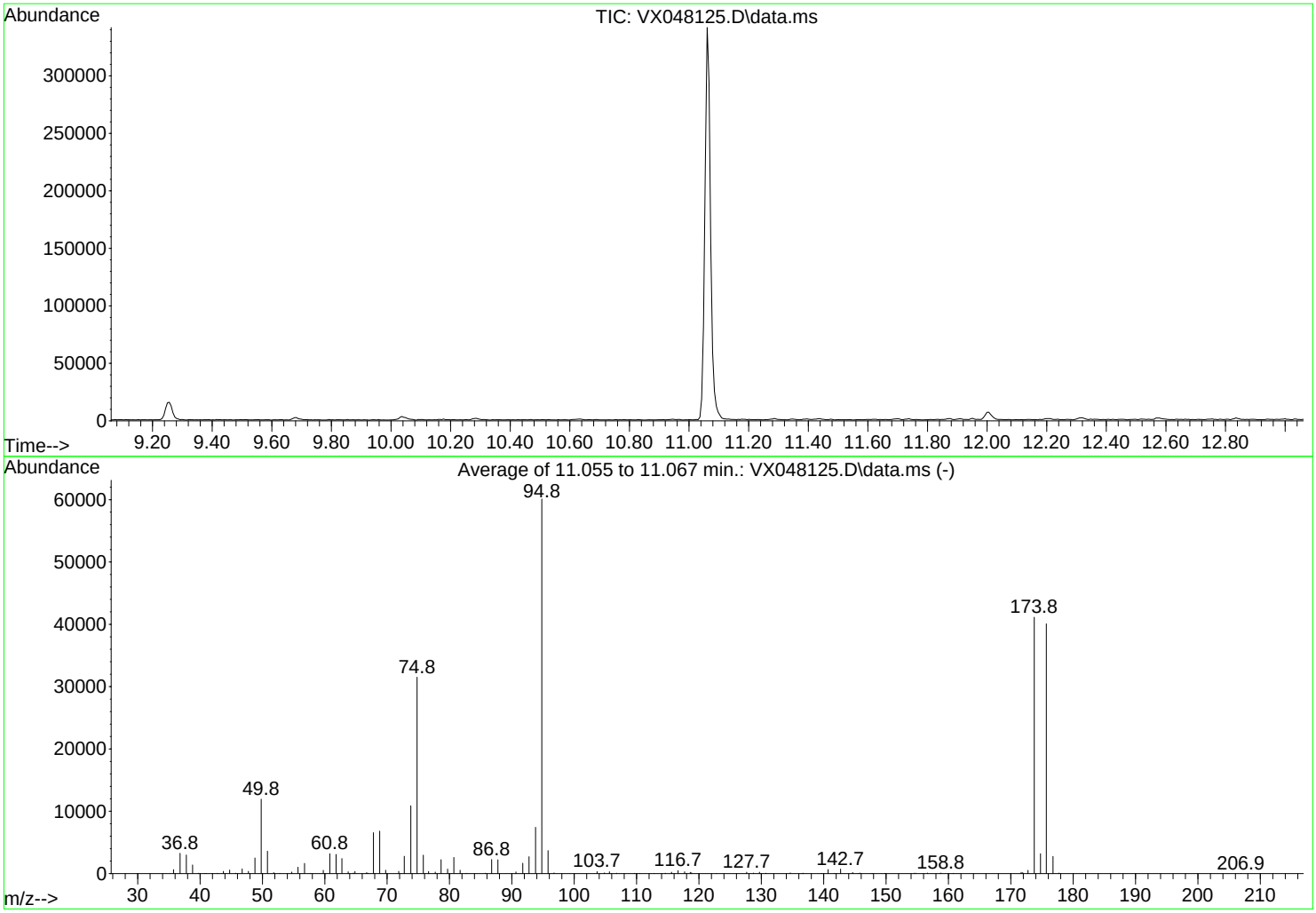
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	9993	PASS
75	95	30	60	51.5	25483	PASS
95	95	100	100	100.0	49448	PASS
96	95	5	9	6.2	3042	PASS
173	174	0.00	2	1.4	470	PASS
174	95	50	100	67.0	33144	PASS
175	174	5	9	7.6	2524	PASS
176	174	95	101	99.9	33096	PASS
177	176	5	9	6.3	2070	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048125.D
Acq On : 13 Oct 2025 08:13
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1628

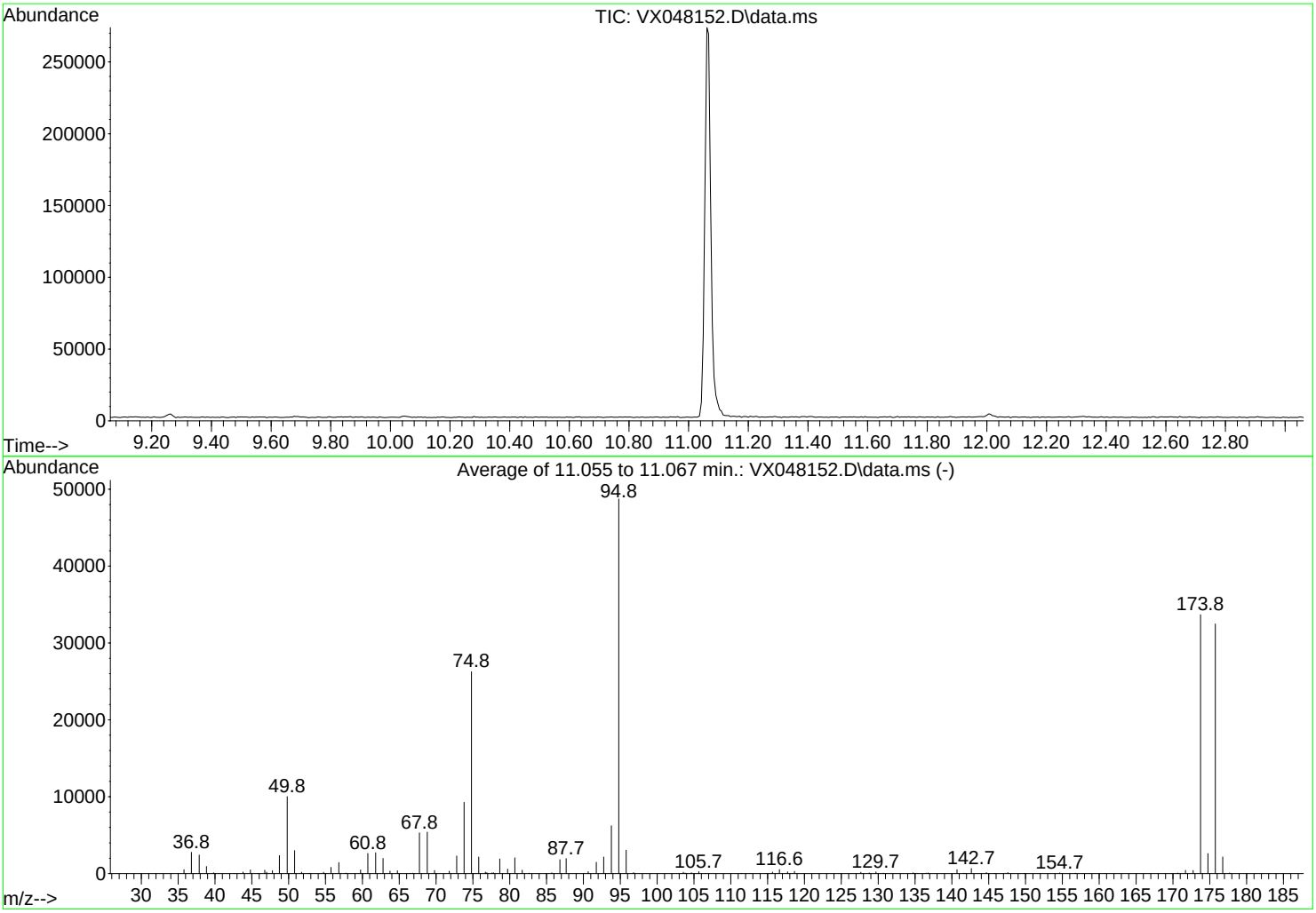
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.9	11954	PASS
75	95	30	60	52.4	31523	PASS
95	95	100	100	100.0	60112	PASS
96	95	5	9	6.1	3687	PASS
173	174	0.00	2	1.3	529	PASS
174	95	50	100	68.4	41144	PASS
175	174	5	9	7.8	3196	PASS
176	174	95	101	97.5	40099	PASS
177	176	5	9	6.9	2756	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048152.D
Acq On : 14 Oct 2025 09:33
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260
Last Update : Wed Sep 17 06:39:58 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

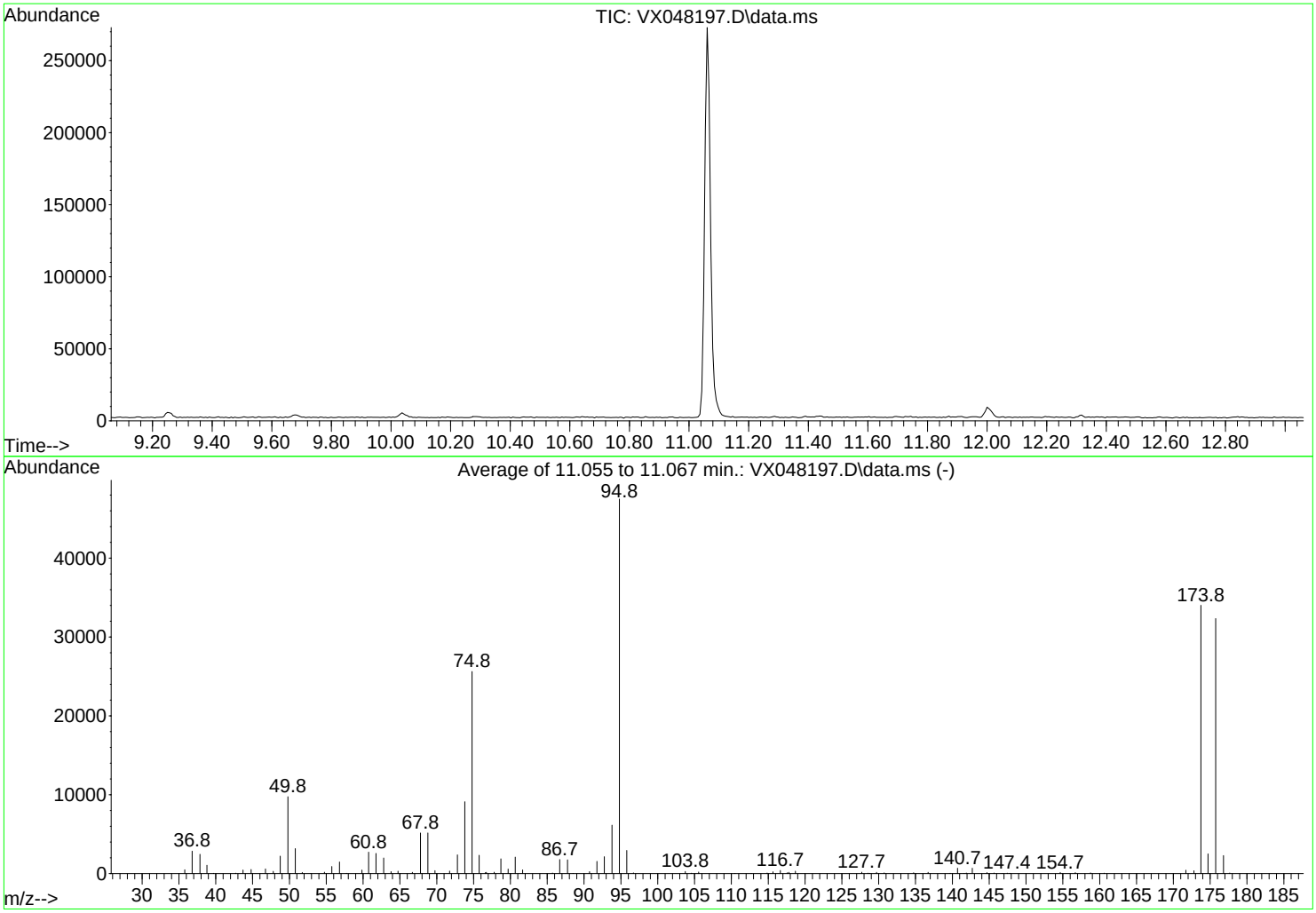
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.6	10025	PASS
75	95	30	60	53.9	26259	PASS
95	95	100	100	100.0	48723	PASS
96	95	5	9	6.2	3044	PASS
173	174	0.00	2	1.2	399	PASS
174	95	50	100	69.1	33677	PASS
175	174	5	9	7.7	2598	PASS
176	174	95	101	96.5	32483	PASS
177	176	5	9	6.7	2171	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048197.D
Acq On : 17 Oct 2025 08:17
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Title : SW846 8260
Last Update : Sat Oct 18 00:06:31 2025



AutoFind: Scans 1635, 1636, 1637; Background Corrected with Scan 1629

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.5	9750	PASS
75	95	30	60	53.9	25621	PASS
95	95	100	100	100.0	47507	PASS
96	95	5	9	6.2	2932	PASS
173	174	0.00	2	1.1	366	PASS
174	95	50	100	71.6	34021	PASS
175	174	5	9	7.4	2512	PASS
176	174	95	101	95.1	32341	PASS
177	176	5	9	7.1	2282	PASS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1009WBL01	SDG No.:	Q3311
Lab Sample ID:	VX1009WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 09:55	VX100925
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/09/25 09:55	VX100925
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/09/25 09:55	VX100925
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/09/25 09:55	VX100925
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/09/25 09:55	VX100925
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/09/25 09:55	VX100925
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/09/25 09:55	VX100925
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 09:55	VX100925
67-64-1	Acetone	5.00	U	1	1.50	5.00	ug/L	10/09/25 09:55	VX100925
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/09/25 09:55	VX100925
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/09/25 09:55	VX100925
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/09/25 09:55	VX100925
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/09/25 09:55	VX100925
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 09:55	VX100925
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/09/25 09:55	VX100925
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/09/25 09:55	VX100925
78-93-3	2-Butanone	5.00	U	1	0.98	5.00	ug/L	10/09/25 09:55	VX100925
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/09/25 09:55	VX100925
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	0.19	1.00	ug/L	10/09/25 09:55	VX100925
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 09:55	VX100925
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/09/25 09:55	VX100925
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/09/25 09:55	VX100925
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/09/25 09:55	VX100925
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/09/25 09:55	VX100925
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 09:55	VX100925
79-01-6	Trichloroethene	1.00	U	1	0.090	1.00	ug/L	10/09/25 09:55	VX100925
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/09/25 09:55	VX100925
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/09/25 09:55	VX100925
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/09/25 09:55	VX100925
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/09/25 09:55	VX100925
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/09/25 09:55	VX100925
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/09/25 09:55	VX100925
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/09/25 09:55	VX100925
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/09/25 09:55	VX100925
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/09/25 09:55	VX100925
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/09/25 09:55	VX100925
127-18-4	Tetrachloroethene	1.00	U	1	0.23	1.00	ug/L	10/09/25 09:55	VX100925
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 09:55	VX100925
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/09/25 09:55	VX100925
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/09/25 09:55	VX100925
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/09/25 09:55	VX100925
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/09/25 09:55	VX100925
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/09/25 09:55	VX100925

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1009WBL01	SDG No.:	Q3311
Lab Sample ID:	VX1009WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/09/25 09:55	VX100925
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/09/25 09:55	VX100925
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 09:55	VX100925
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/09/25 09:55	VX100925
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/09/25 09:55	VX100925
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/09/25 09:55	VX100925
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 09:55	VX100925
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/09/25 09:55	VX100925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	56.5			74 - 125	113%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.8			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	50.1			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	57.9			77 - 121	116%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	143000							
540-36-3	1,4-Difluorobenzene	298000							
3114-55-4	Chlorobenzene-d5	313000							
3855-82-1	1,4-Dichlorobenzene-d4	160000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048074.D
Acq On : 09 Oct 2025 09:55
Operator : JC/MD
Sample : VX1009WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Quant Time: Oct 10 01:17:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

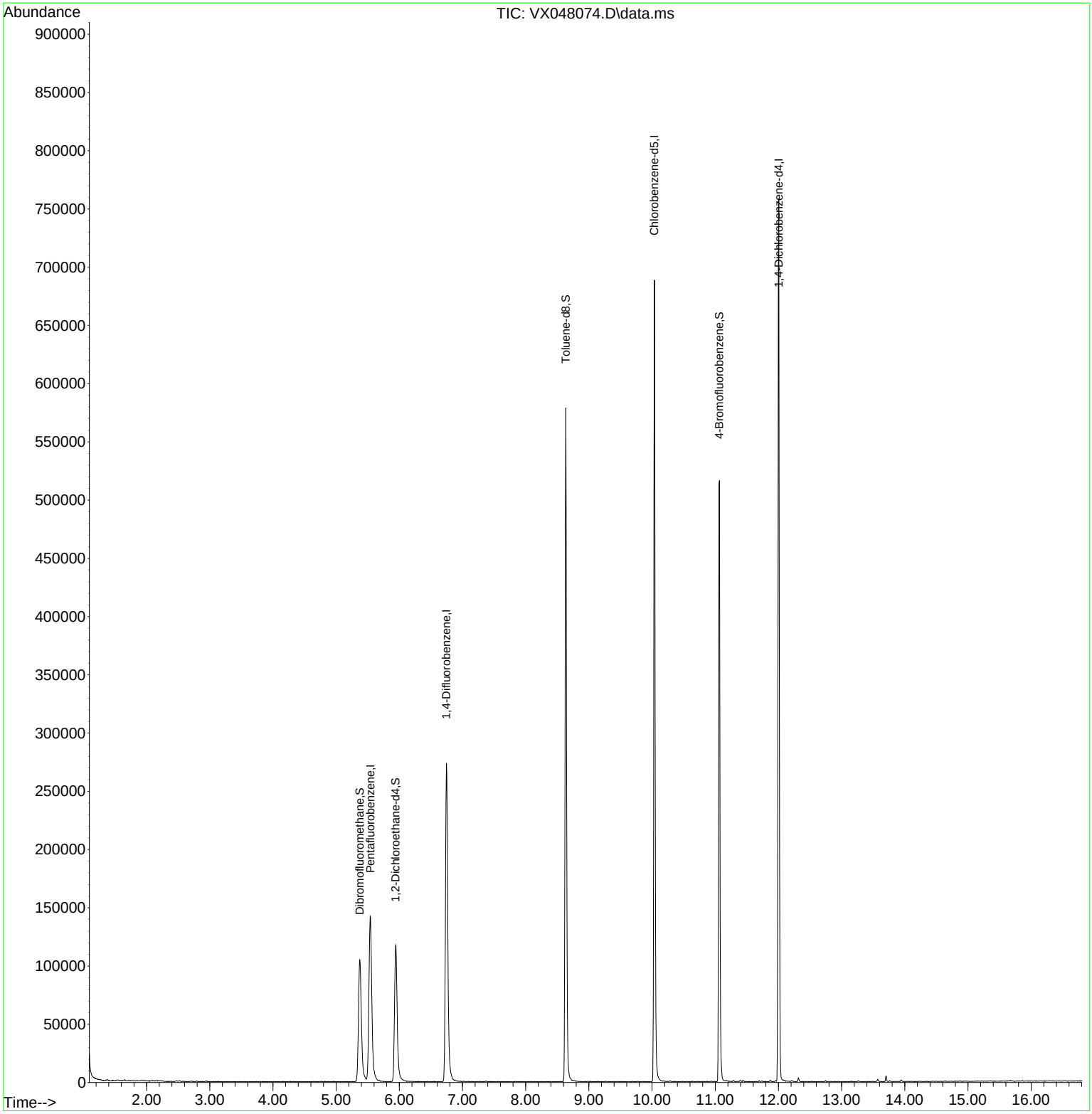
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	142595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	298046	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	313391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	160166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	128288	56.521	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.040%			
35) Dibromofluoromethane	5.373	113	103462	51.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.520%			
50) Toluene-d8	8.634	98	346814	50.143	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.061	95	152034	57.920	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.840%			
Target Compounds						Qvalue

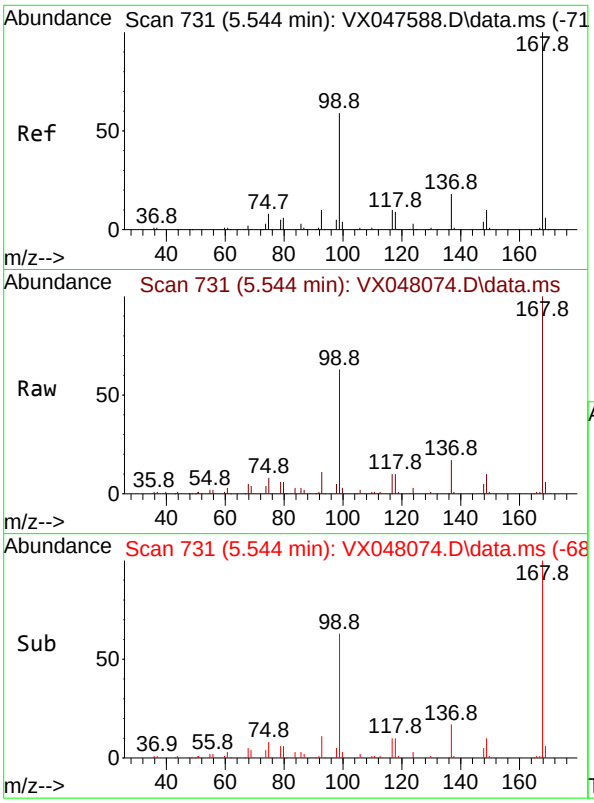
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048074.D
Acq On : 09 Oct 2025 09:55
Operator : JC/MD
Sample : VX1009WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Quant Time: Oct 10 01:17:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



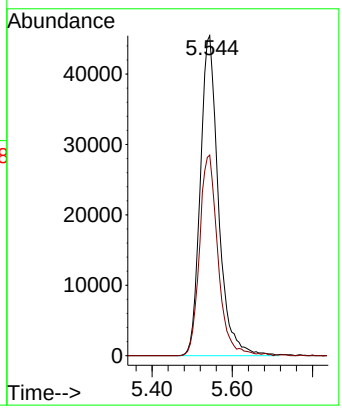


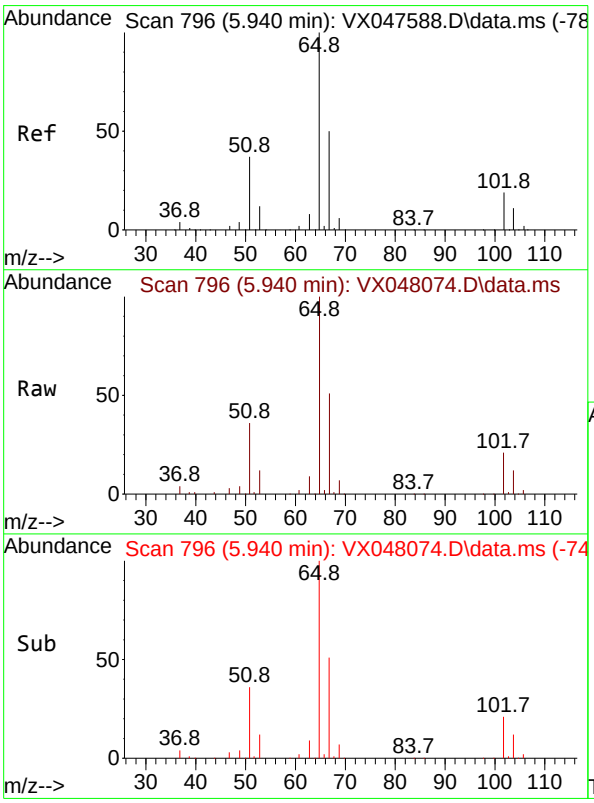
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048074.D
Acq: 09 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion:168 Resp: 142595

Ion	Ratio	Lower	Upper
168	100		
99	62.7	48.8	73.2

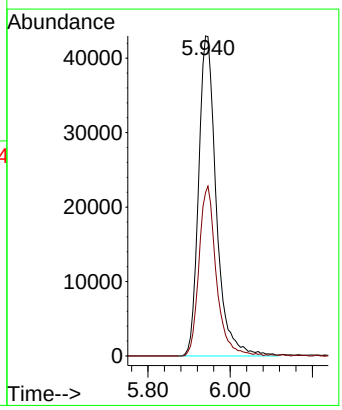


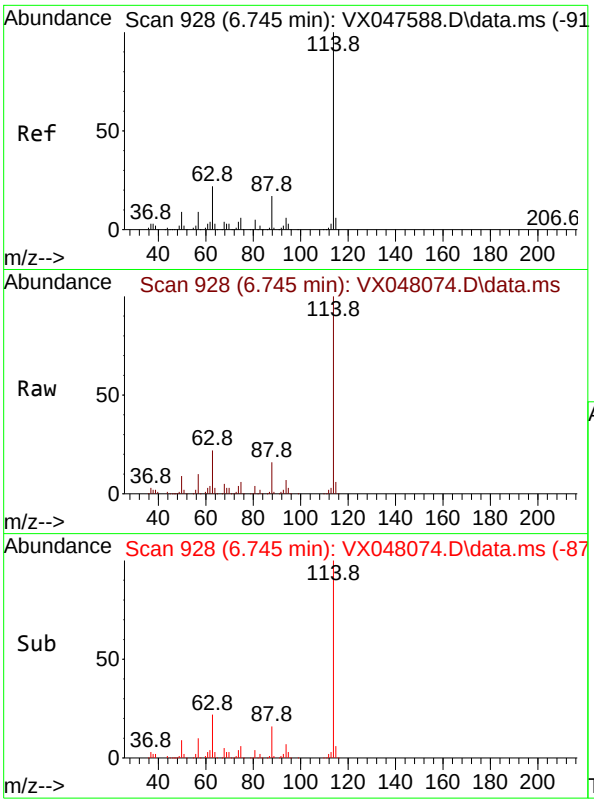


#33
1,2-Dichloroethane-d4
Concen: 56.521 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048074.D
Acq: 09 Oct 2025 09:55

Tgt Ion: 65 Resp: 128288

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0



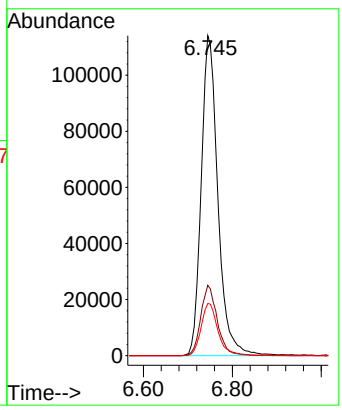


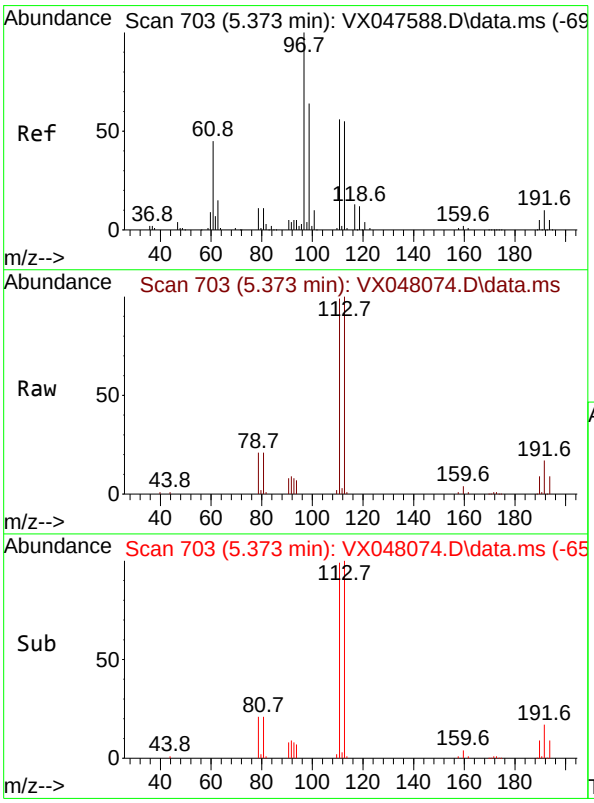
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048074.D
Acq: 09 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion:114 Resp: 298046

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	16.3	0.0	34.2

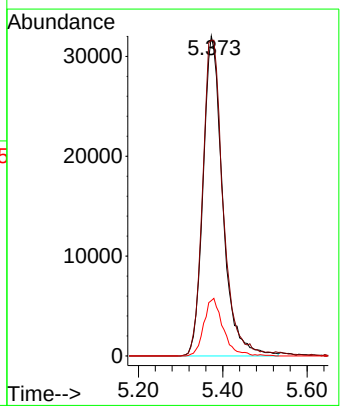


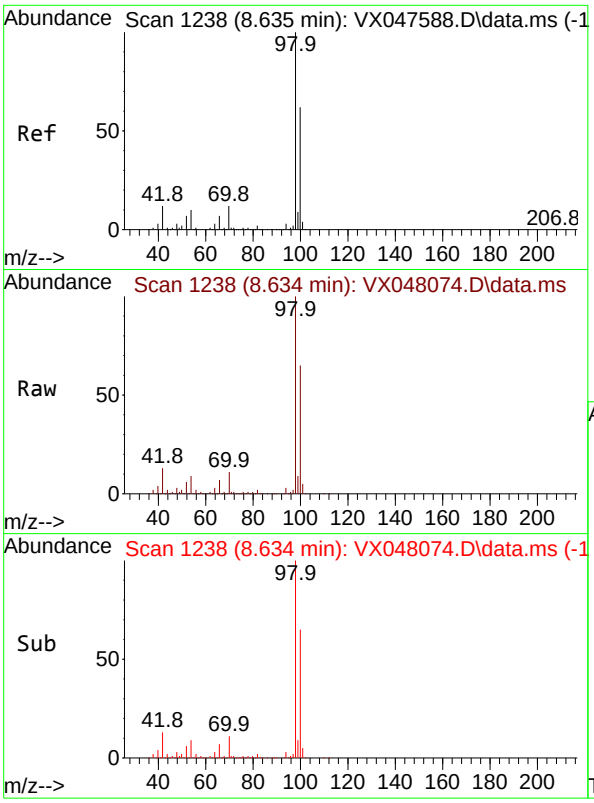


#35
Dibromofluoromethane
Concen: 51.761 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048074.D
Acq: 09 Oct 2025 09:55

Tgt Ion:113 Resp: 103462

Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.9	121.3
192	17.8	14.2	21.4



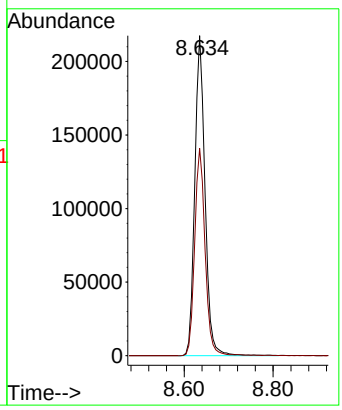


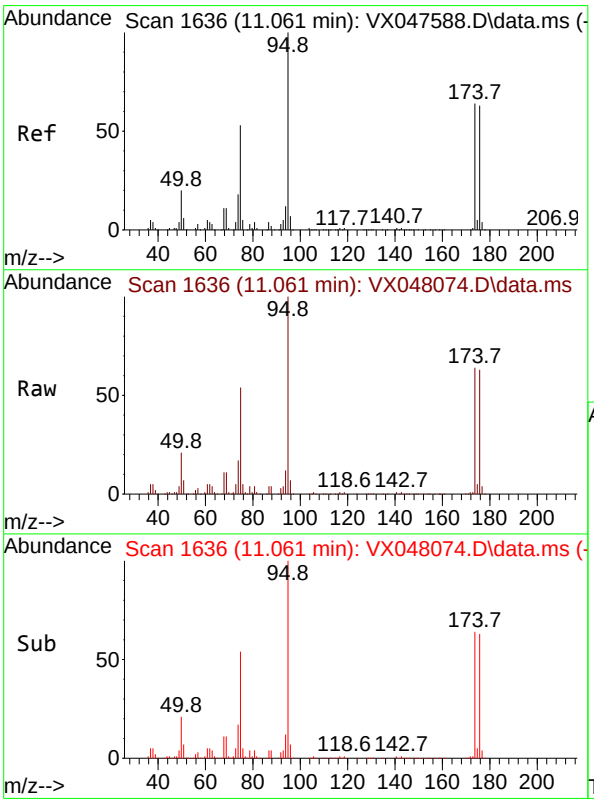
#50
Toluene-d8
Concen: 50.143 ug/l
RT: 8.634 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048074.D
Acq: 09 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion: 98 Resp: 346814

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

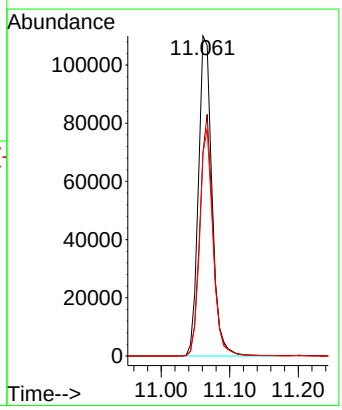


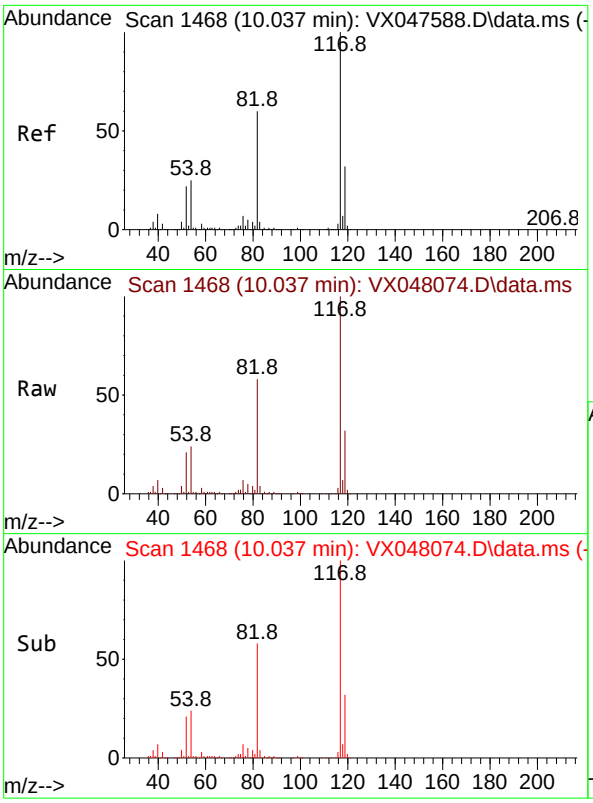


#62
4-Bromofluorobenzene
Concen: 57.920 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048074.D
Acq: 09 Oct 2025 09:55

Tgt Ion: 95 Resp: 152034

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.6
176	69.4	0.0	138.4



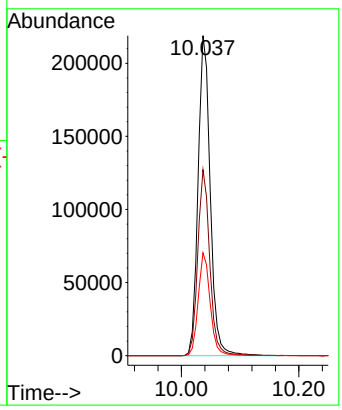


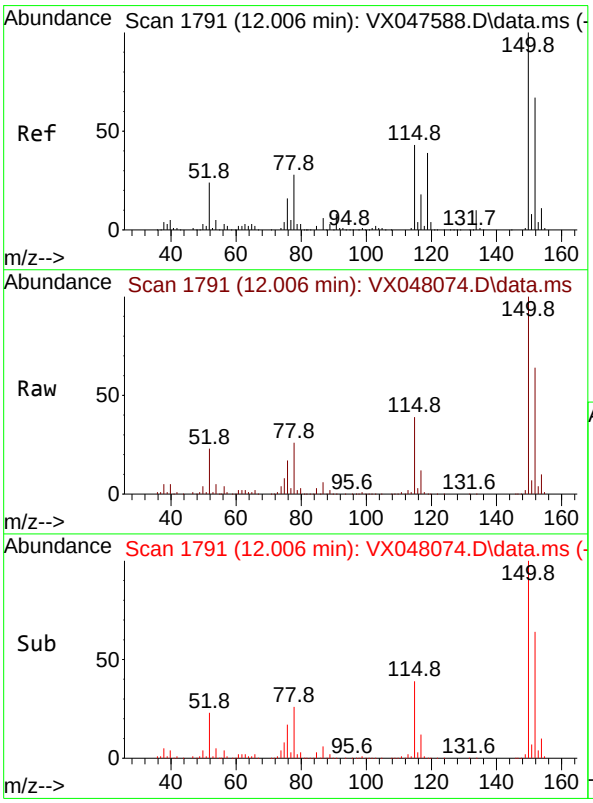
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048074.D
Acq: 09 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Tgt Ion:117 Resp: 313391

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.6
119	32.2	25.2	37.8

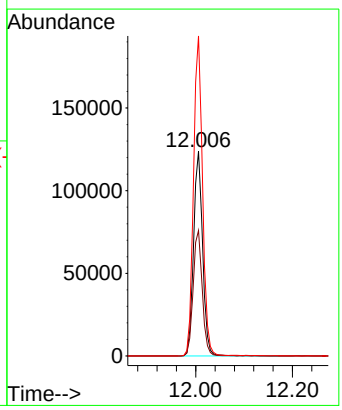




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048074.D
Acq: 09 Oct 2025 09:55

Tgt Ion:152 Resp: 160166

Ion	Ratio	Lower	Upper
152	100		
115	61.7	44.9	134.5
150	156.0	0.0	352.0



Sample Results: **VX048074.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048074.D
Acq On : 09 Oct 2025 09:55
Operator : JC/MD
Sample : VX1009WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048074.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	693	703	720	rBV2	104769	336449	33.49%	6.114%
2	5.537	720	730	751	rVB	141102	444263	44.22%	8.073%
3	5.946	783	797	821	rBV	117274	348713	34.71%	6.336%
4	6.745	916	928	948	rBV	273660	717511	71.41%	13.038%
5	8.634	1231	1238	1254	rBV	578366	937185	93.28%	17.030%
6	10.037	1462	1468	1489	rBV	688029	986145	98.15%	17.919%
7	11.067	1631	1637	1651	rBV	515977	728296	72.49%	13.234%
8	12.006	1785	1791	1802	rBV	757598	1004714	100.00%	18.257%

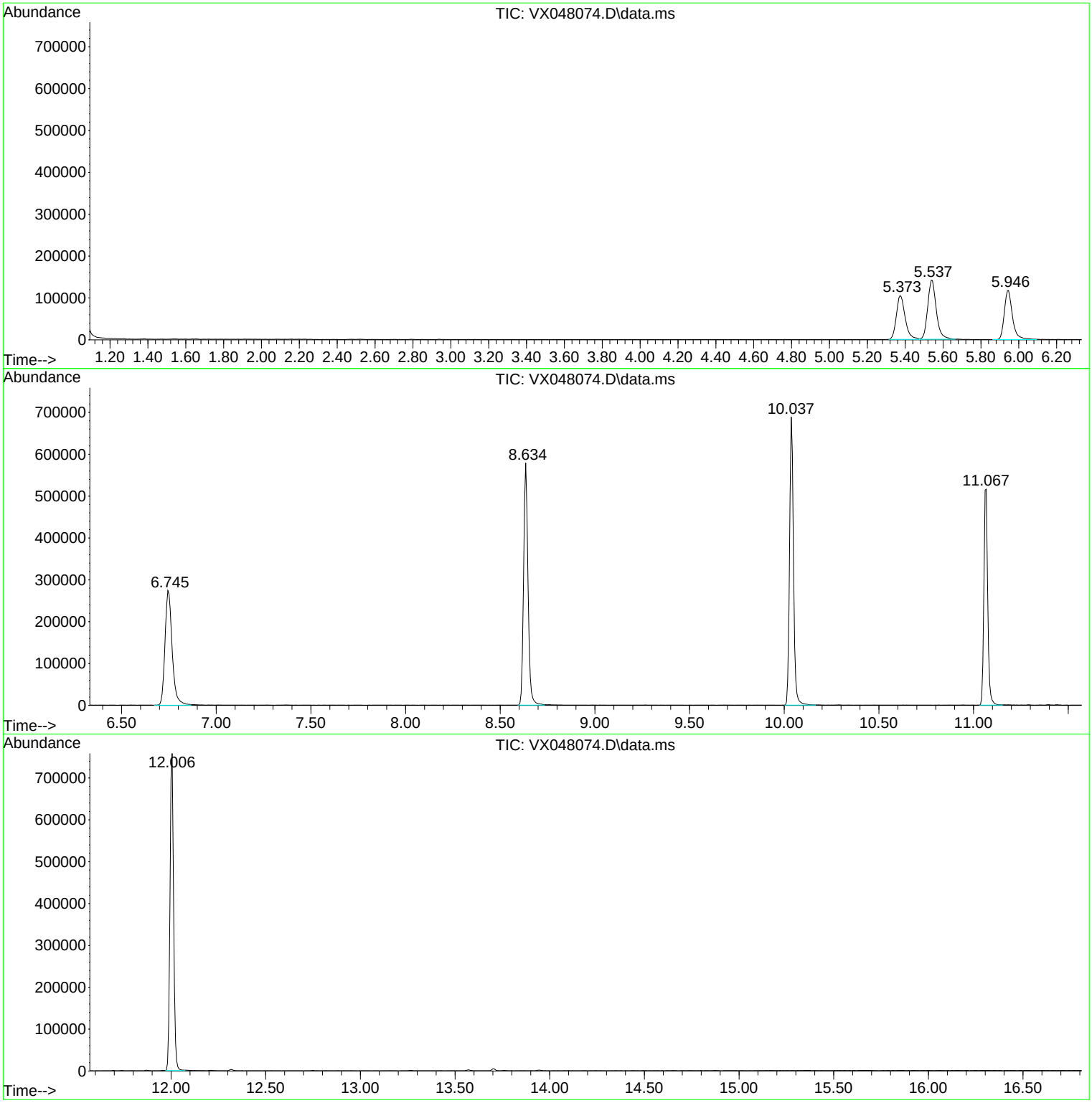
Sum of corrected areas: 5503276

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048074.D
Acq On : 09 Oct 2025 09:55
Operator : JC/MD
Sample : VX1009WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048074.D
Acq On : 09 Oct 2025 09:55
Operator : JC/MD
Sample : VX1009WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048074.D
Acq On : 09 Oct 2025 09:55
Operator : JC/MD
Sample : VX1009WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1010WBL01	SDG No.:	Q3311
Lab Sample ID:	VX1010WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/10/25 11:33	VX101025
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/10/25 11:33	VX101025
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/10/25 11:33	VX101025
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/10/25 11:33	VX101025
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/10/25 11:33	VX101025
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/10/25 11:33	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/10/25 11:33	VX101025
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/10/25 11:33	VX101025
67-64-1	Acetone	5.00	U	1	1.50	5.00	ug/L	10/10/25 11:33	VX101025
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/10/25 11:33	VX101025
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/10/25 11:33	VX101025
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/10/25 11:33	VX101025
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/10/25 11:33	VX101025
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/10/25 11:33	VX101025
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/10/25 11:33	VX101025
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/10/25 11:33	VX101025
78-93-3	2-Butanone	5.00	U	1	0.98	5.00	ug/L	10/10/25 11:33	VX101025
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/10/25 11:33	VX101025
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	0.19	1.00	ug/L	10/10/25 11:33	VX101025
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/10/25 11:33	VX101025
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/10/25 11:33	VX101025
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/10/25 11:33	VX101025
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/10/25 11:33	VX101025
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/10/25 11:33	VX101025
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/10/25 11:33	VX101025
79-01-6	Trichloroethene	1.00	U	1	0.090	1.00	ug/L	10/10/25 11:33	VX101025
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/10/25 11:33	VX101025
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/10/25 11:33	VX101025
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/10/25 11:33	VX101025
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/10/25 11:33	VX101025
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/10/25 11:33	VX101025
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/10/25 11:33	VX101025
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/10/25 11:33	VX101025
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/10/25 11:33	VX101025
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/10/25 11:33	VX101025
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/10/25 11:33	VX101025
127-18-4	Tetrachloroethene	1.00	U	1	0.23	1.00	ug/L	10/10/25 11:33	VX101025
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/10/25 11:33	VX101025
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/10/25 11:33	VX101025
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/10/25 11:33	VX101025
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/10/25 11:33	VX101025
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/10/25 11:33	VX101025
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/10/25 11:33	VX101025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1010WBL01	SDG No.:	Q3311
Lab Sample ID:	VX1010WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/10/25 11:33	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/10/25 11:33	VX101025
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/10/25 11:33	VX101025
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/10/25 11:33	VX101025
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/10/25 11:33	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/10/25 11:33	VX101025
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/10/25 11:33	VX101025
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/10/25 11:33	VX101025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.5			74 - 125	99%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			75 - 124	98%	SPK: 50		
2037-26-5	Toluene-d8	49.5			86 - 113	99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.5			77 - 121	109%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	164000							
540-36-3	1,4-Difluorobenzene	330000							
3114-55-4	Chlorobenzene-d5	333000							
3855-82-1	1,4-Dichlorobenzene-d4	161000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048102.D
Acq On : 10 Oct 2025 11:33
Operator : JC/MD
Sample : VX1010WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Quant Time: Oct 10 22:55:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	163530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	330351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	333490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	161186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	128816	49.488	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.980%			
35) Dibromofluoromethane	5.373	113	108286	48.876	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.760%			
50) Toluene-d8	8.635	98	379810	49.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.080%			
62) 4-Bromofluorobenzene	11.061	95	158573	54.503	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.000%			

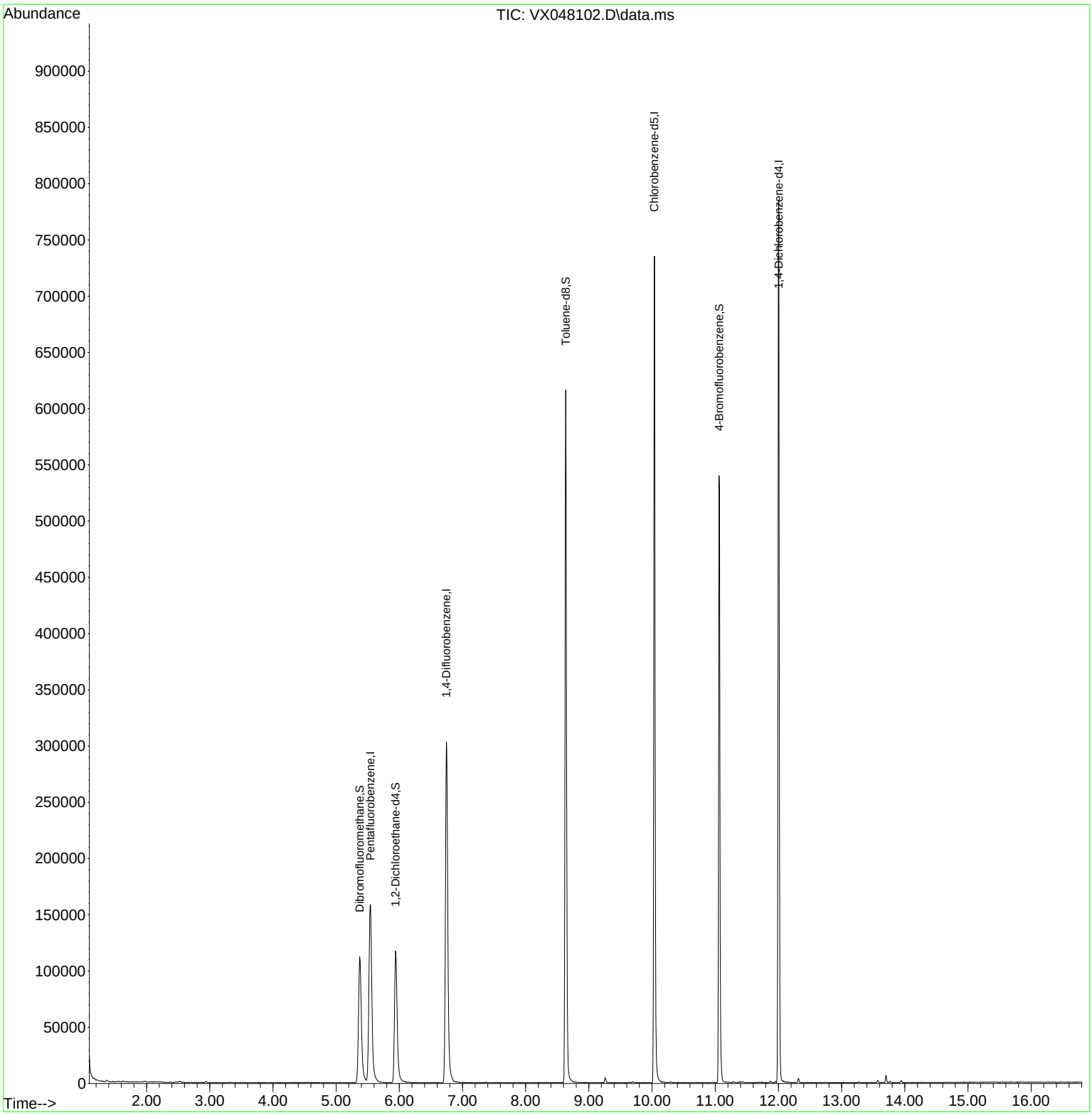
Target Compounds Qvalue

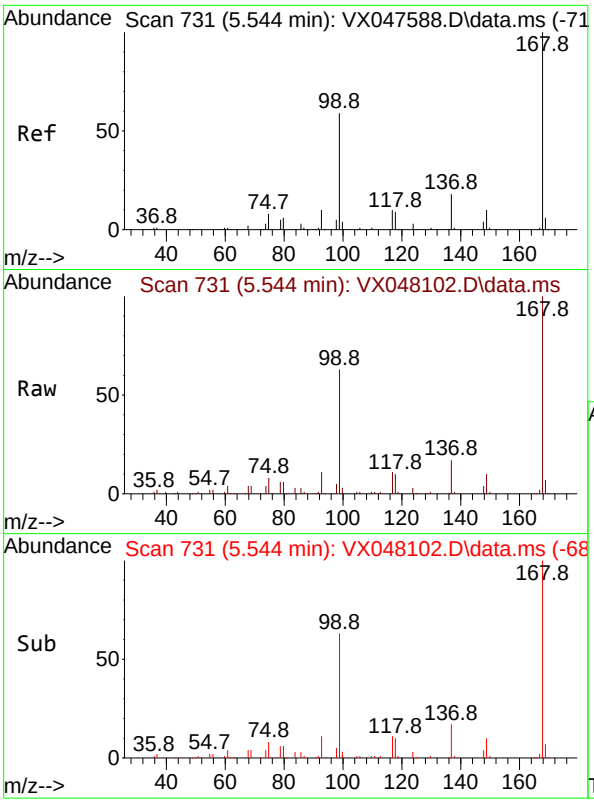
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048102.D
Acq On : 10 Oct 2025 11:33
Operator : JC/MD
Sample : VX1010WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Quant Time: Oct 10 22:55:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



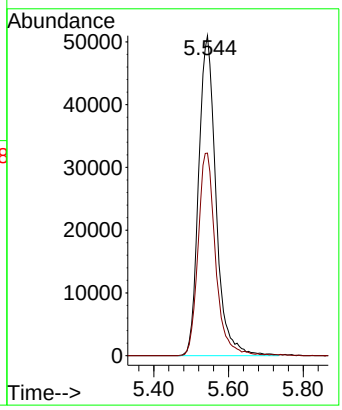


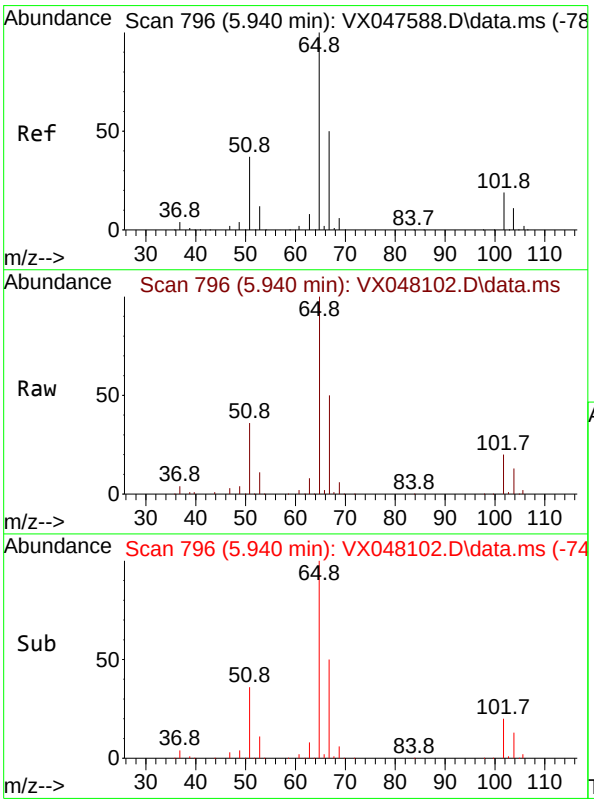
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Tgt Ion:168 Resp: 163530

Ion	Ratio	Lower	Upper
168	100		
99	63.3	48.8	73.2

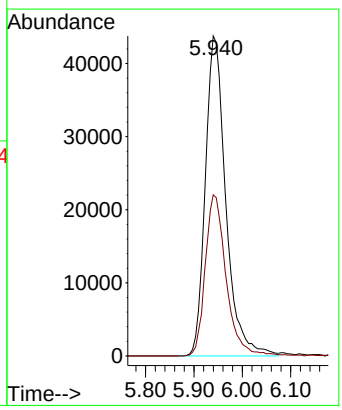


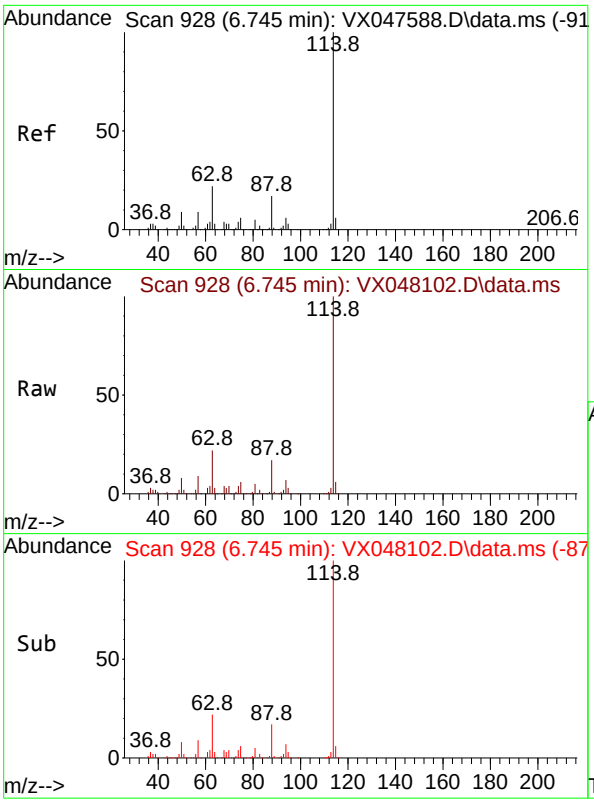


#33
1,2-Dichloroethane-d4
Concen: 49.488 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion: 65 Resp: 128816

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0



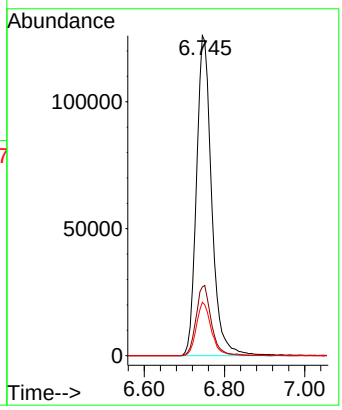


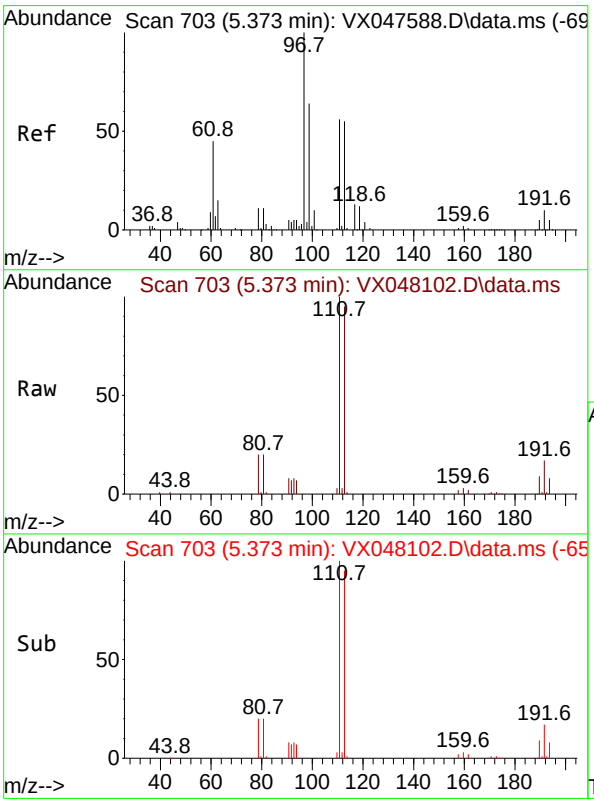
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Tgt Ion:114 Resp: 330351

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	16.7	0.0	34.2

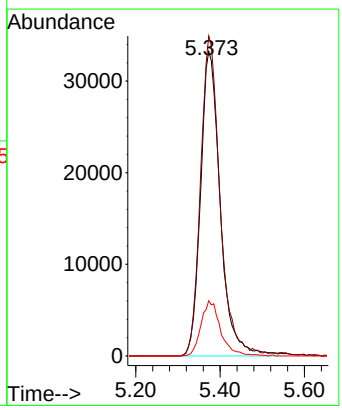


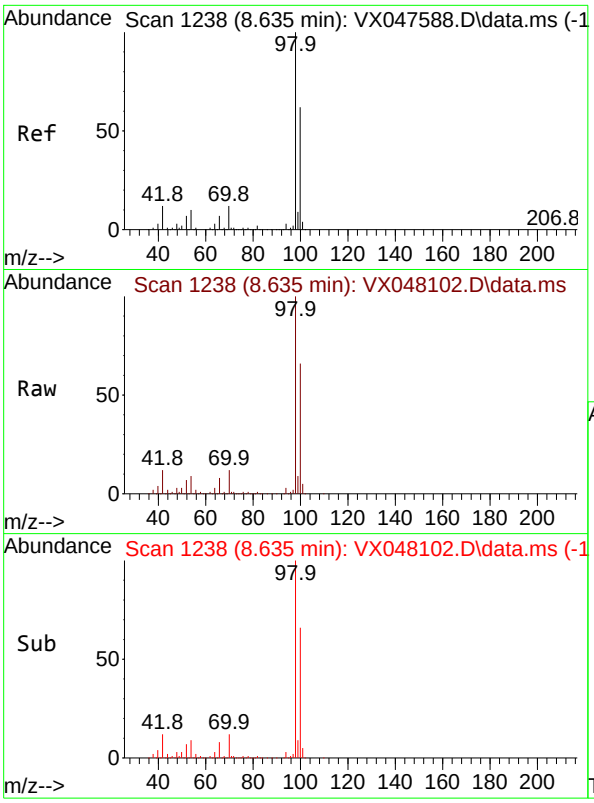


#35
Dibromofluoromethane
Concen: 48.876 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion:113 Resp: 108286

Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.9	121.3
192	18.0	14.2	21.4



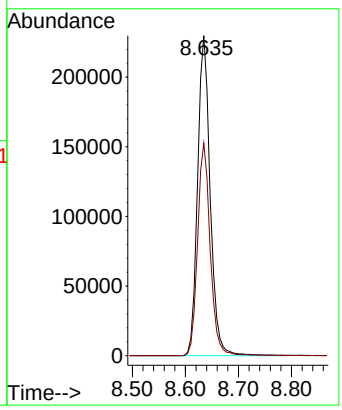


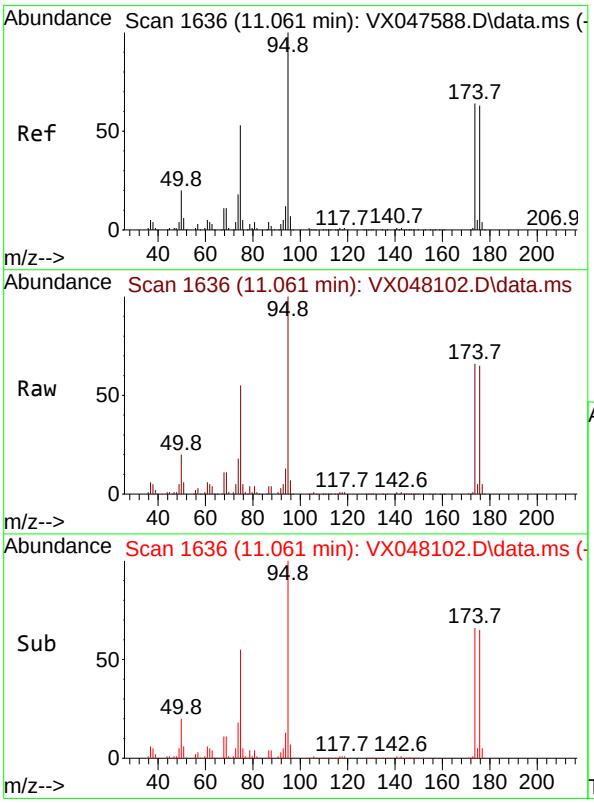
#50
Toluene-d8
Concen: 49.544 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Tgt Ion: 98 Resp: 379810

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

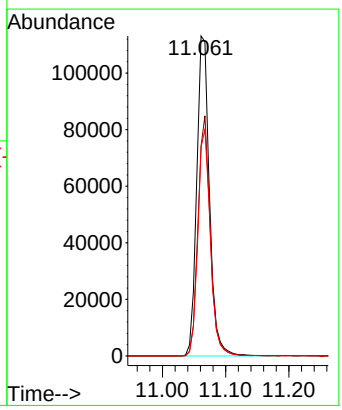


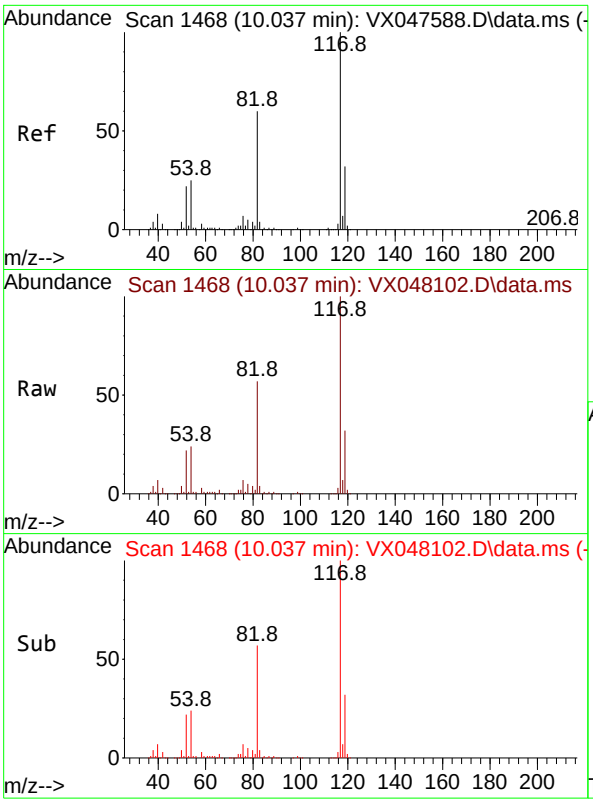


#62
4-Bromofluorobenzene
Concen: 54.503 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion: 95 Resp: 158573

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.6
176	69.5	0.0	138.4



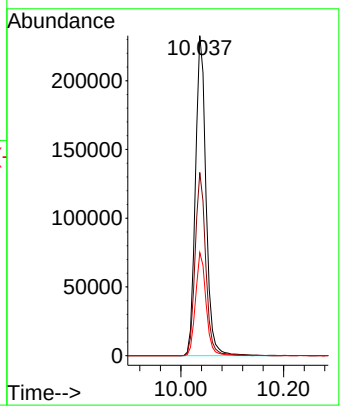


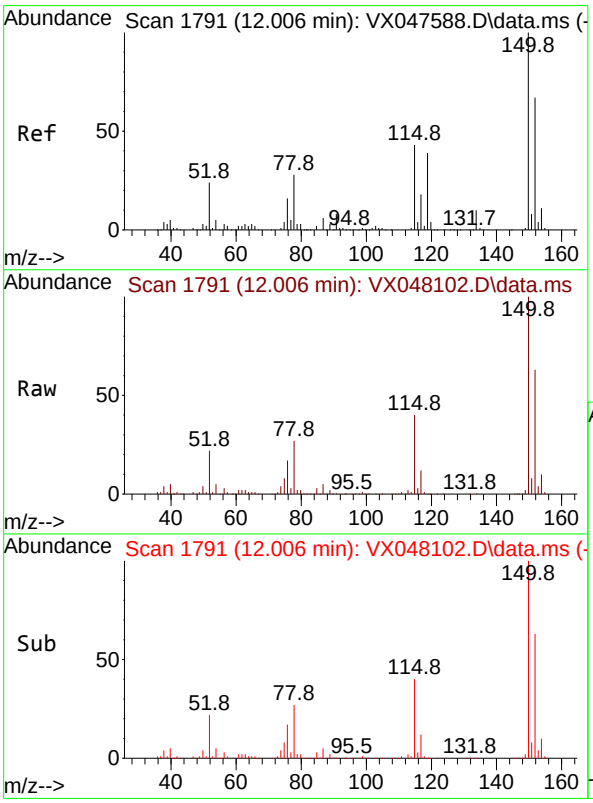
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Tgt Ion:117 Resp: 333490

Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.8	71.6
119	32.2	25.2	37.8

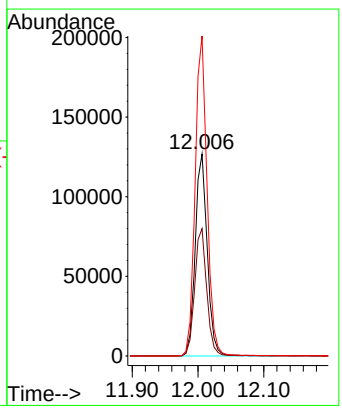




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion:152 Resp: 161186

Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.9	134.5
150	157.1	0.0	352.0



Sample Results: **VX048102.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048102.D
Acq On : 10 Oct 2025 11:33
Operator : JC/MD
Sample : VX1010WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048102.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	691	703	720	rBV3	112089	356476	33.77%	6.069%
2	5.544	720	731	756	rVB	157927	509998	48.31%	8.683%
3	5.940	785	796	817	rBV	117242	348028	32.97%	5.926%
4	6.745	918	928	950	rBV	303054	793257	75.14%	13.506%
5	8.635	1230	1238	1258	rBV	616095	1026004	97.18%	17.469%
6	10.037	1462	1468	1485	rBV	734954	1055731	100.00%	17.975%
7	11.061	1631	1636	1650	rBV	539796	758921	71.89%	12.922%
8	12.006	1785	1791	1803	rBV	784524	1024890	97.08%	17.450%

Sum of corrected areas: 5873305

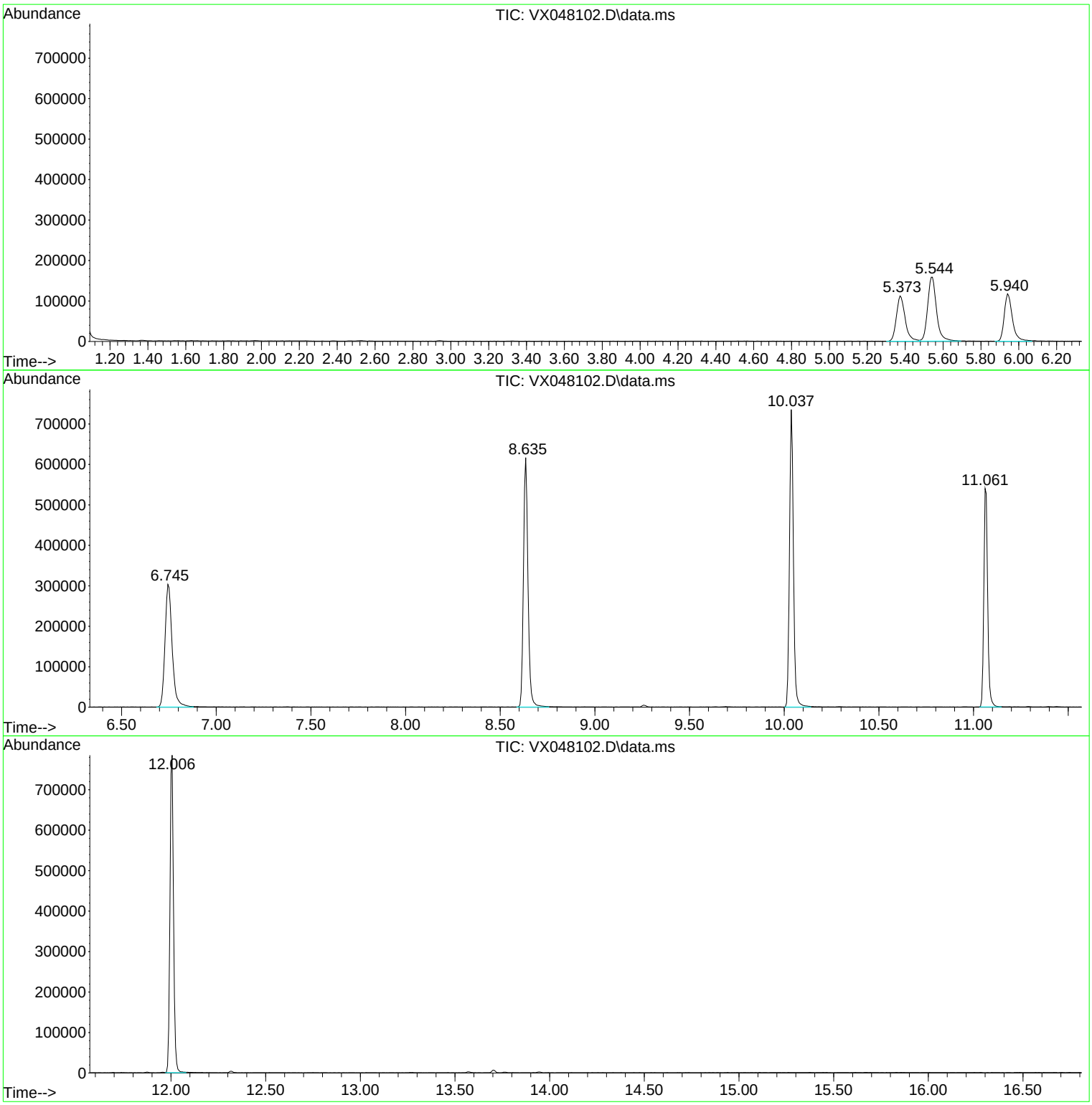
Sample Results: **VX048102.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048102.D
Acq On : 10 Oct 2025 11:33
Operator : JC/MD
Sample : VX1010WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048102.D
Acq On : 10 Oct 2025 11:33
Operator : JC/MD
Sample : VX1010WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048102.D
Acq On : 10 Oct 2025 11:33
Operator : JC/MD
Sample : VX1010WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1013WBL01	SDG No.:	Q3311
Lab Sample ID:	VX1013WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 09:46	VX101325
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/13/25 09:46	VX101325
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/13/25 09:46	VX101325
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/13/25 09:46	VX101325
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/13/25 09:46	VX101325
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/13/25 09:46	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/13/25 09:46	VX101325
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/13/25 09:46	VX101325
67-64-1	Acetone	5.00	U	1	1.50	5.00	ug/L	10/13/25 09:46	VX101325
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/13/25 09:46	VX101325
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/13/25 09:46	VX101325
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/13/25 09:46	VX101325
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/13/25 09:46	VX101325
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/13/25 09:46	VX101325
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/13/25 09:46	VX101325
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/13/25 09:46	VX101325
78-93-3	2-Butanone	5.00	U	1	0.98	5.00	ug/L	10/13/25 09:46	VX101325
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/13/25 09:46	VX101325
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	0.19	1.00	ug/L	10/13/25 09:46	VX101325
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 09:46	VX101325
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/13/25 09:46	VX101325
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/13/25 09:46	VX101325
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/13/25 09:46	VX101325
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/13/25 09:46	VX101325
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 09:46	VX101325
79-01-6	Trichloroethene	1.00	U	1	0.090	1.00	ug/L	10/13/25 09:46	VX101325
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/13/25 09:46	VX101325
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/13/25 09:46	VX101325
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/13/25 09:46	VX101325
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/13/25 09:46	VX101325
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/13/25 09:46	VX101325
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/13/25 09:46	VX101325
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/13/25 09:46	VX101325
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/13/25 09:46	VX101325
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/13/25 09:46	VX101325
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/13/25 09:46	VX101325
127-18-4	Tetrachloroethene	1.00	U	1	0.23	1.00	ug/L	10/13/25 09:46	VX101325
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/13/25 09:46	VX101325
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/13/25 09:46	VX101325
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/13/25 09:46	VX101325
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/13/25 09:46	VX101325
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/13/25 09:46	VX101325
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/13/25 09:46	VX101325

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1013WBL01	SDG No.:	Q3311
Lab Sample ID:	VX1013WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/13/25 09:46	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/13/25 09:46	VX101325
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/13/25 09:46	VX101325
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/13/25 09:46	VX101325
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/13/25 09:46	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/13/25 09:46	VX101325
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/13/25 09:46	VX101325
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/13/25 09:46	VX101325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.8			74 - 125	100%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			75 - 124	98%	SPK: 50		
2037-26-5	Toluene-d8	48.3			86 - 113	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.5			77 - 121	109%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	171000							
540-36-3	1,4-Difluorobenzene	349000							
3114-55-4	Chlorobenzene-d5	354000							
3855-82-1	1,4-Dichlorobenzene-d4	171000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048128.D
Acq On : 13 Oct 2025 09:46
Operator : JC/MD
Sample : VX1013WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Quant Time: Oct 14 01:50:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	171399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	348950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	354107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	171429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	135864	49.799	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.600%			
35) Dibromofluoromethane	5.379	113	114475	48.916	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.840%			
50) Toluene-d8	8.635	98	390815	48.262	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.520%			
62) 4-Bromofluorobenzene	11.061	95	167555	54.521	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.040%			

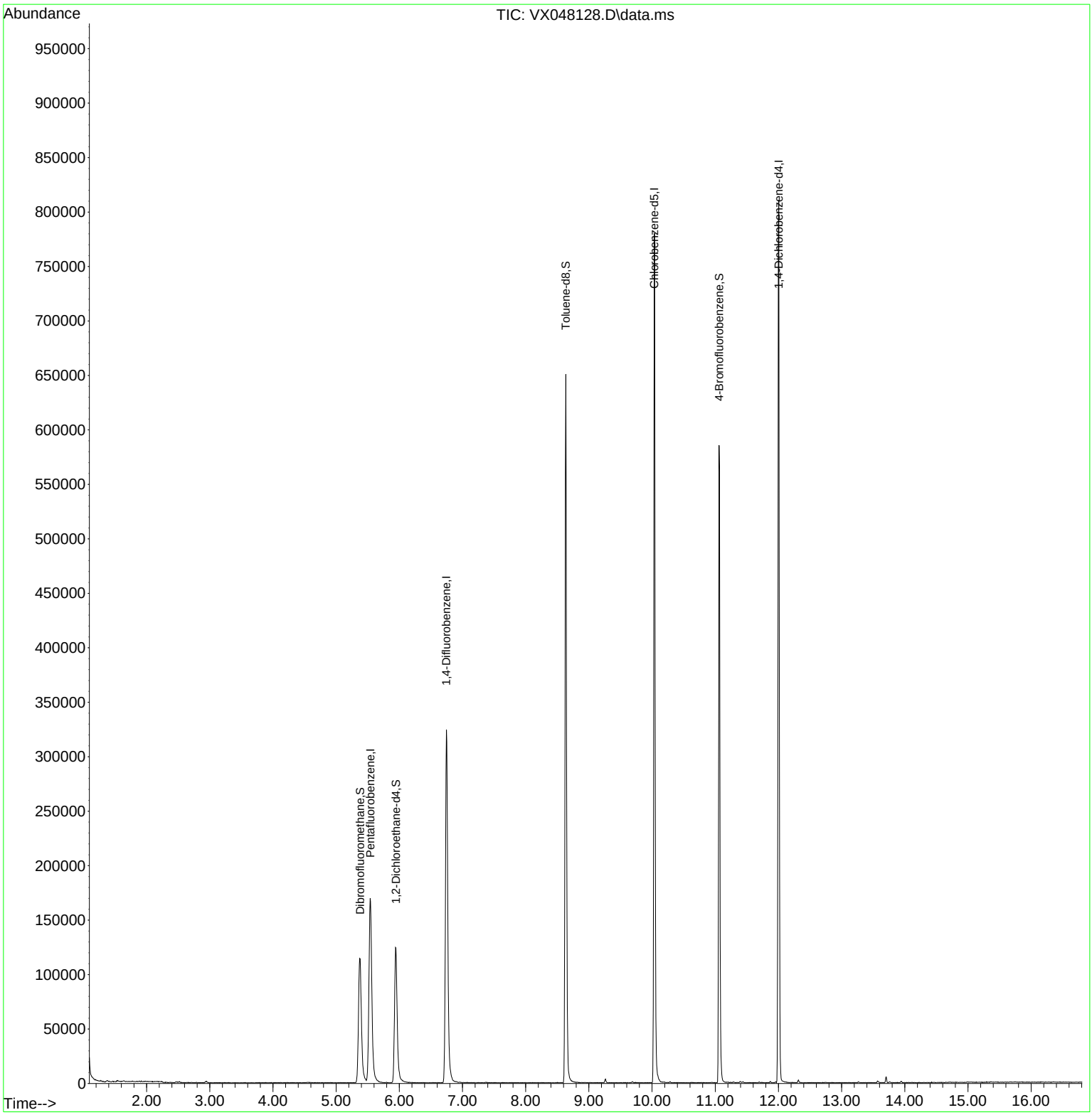
Target Compounds Qvalue

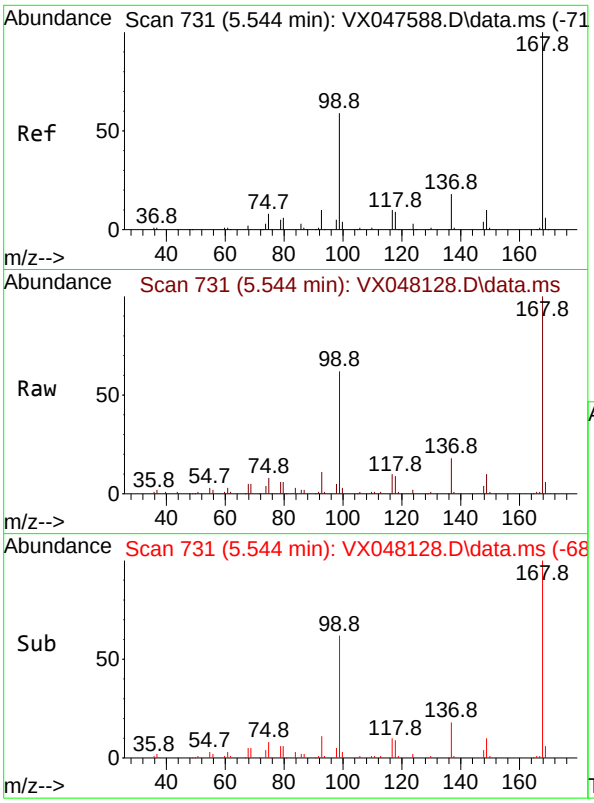
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048128.D
Acq On : 13 Oct 2025 09:46
Operator : JC/MD
Sample : VX1013WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Quant Time: Oct 14 01:50:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



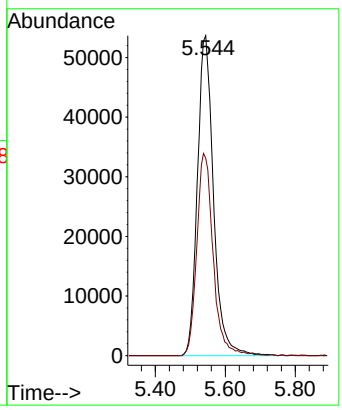


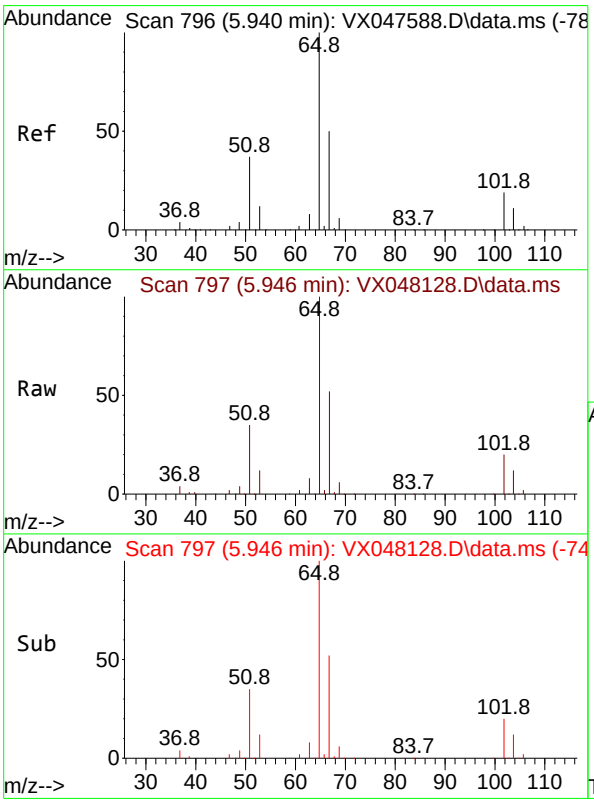
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Tgt Ion:168 Resp: 171399

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2

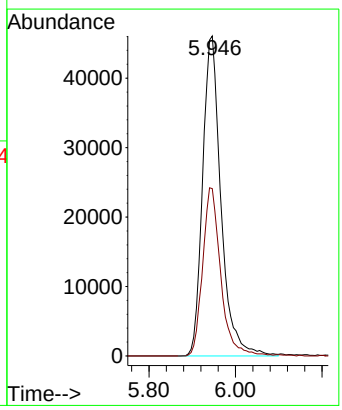


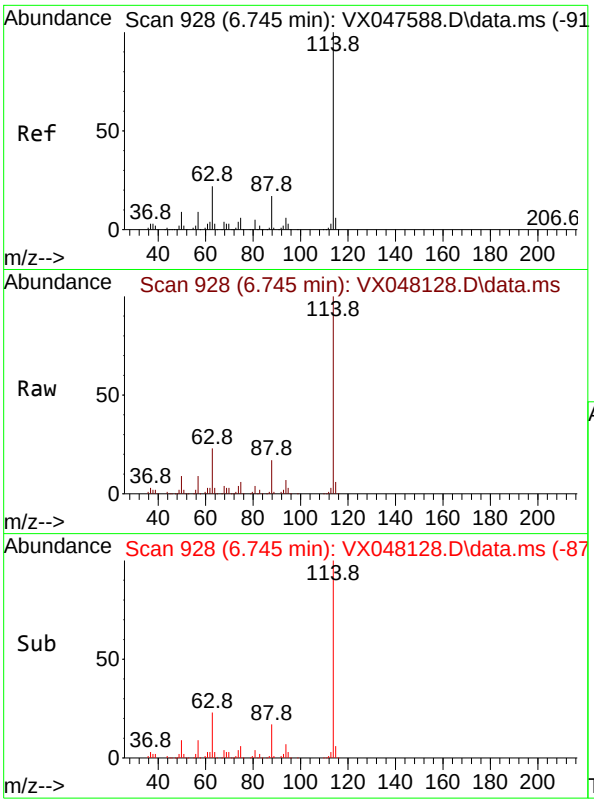


#33
1,2-Dichloroethane-d4
Concen: 49.799 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Tgt Ion: 65 Resp: 135864

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0



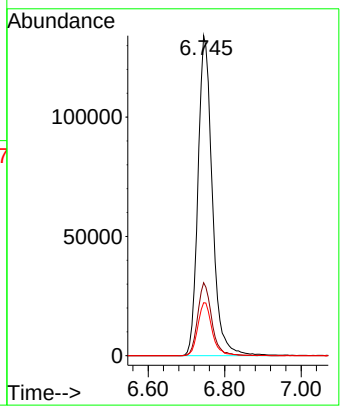


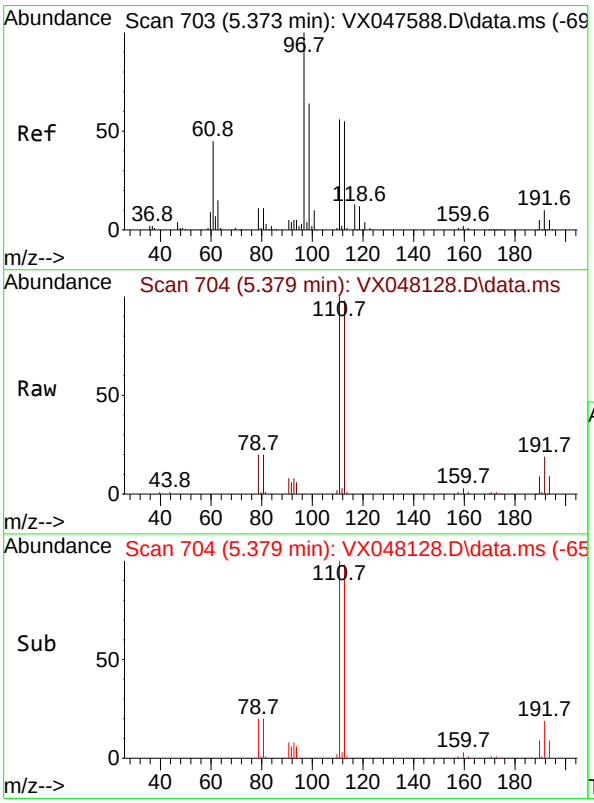
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Tgt Ion:114 Resp: 348950

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	16.6	0.0	34.2

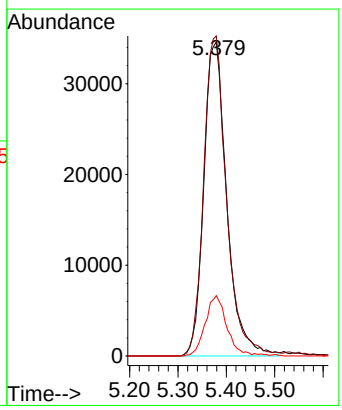


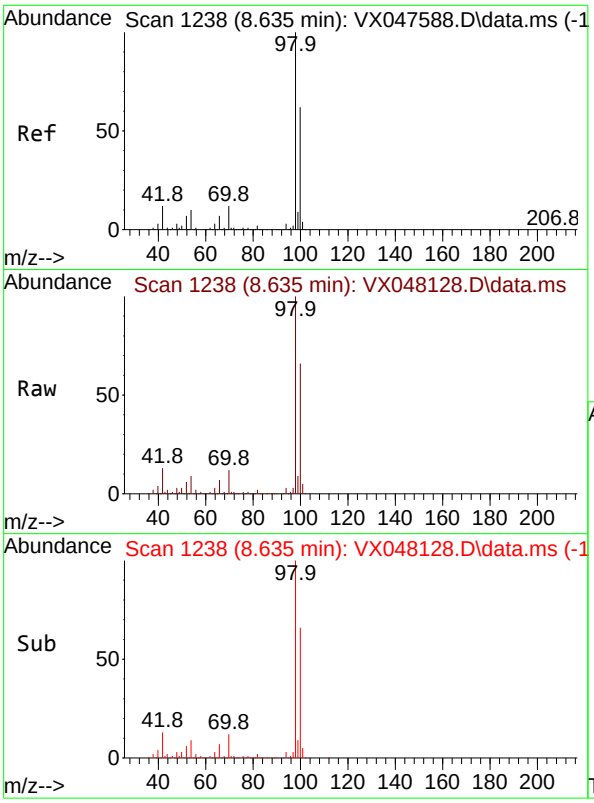


#35
Dibromofluoromethane
Concen: 48.916 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Tgt Ion:113 Resp: 114475

Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.9	121.3
192	18.1	14.2	21.4



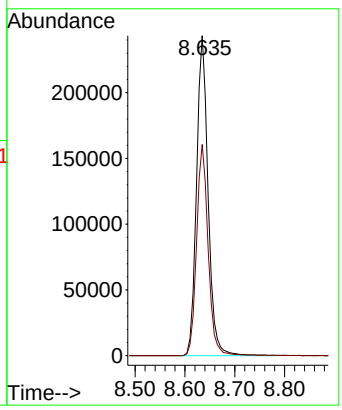


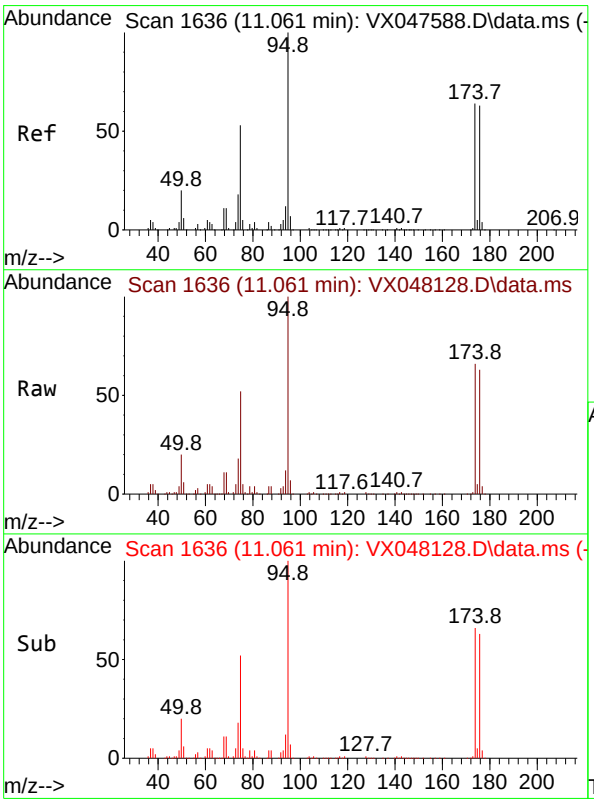
#50
Toluene-d8
Concen: 48.262 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Tgt Ion: 98 Resp: 390815

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

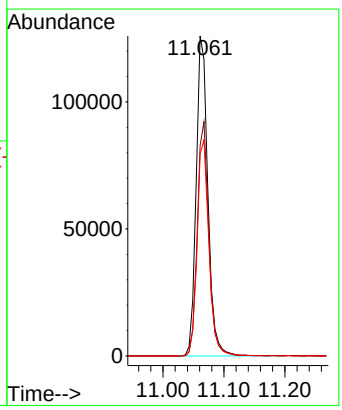


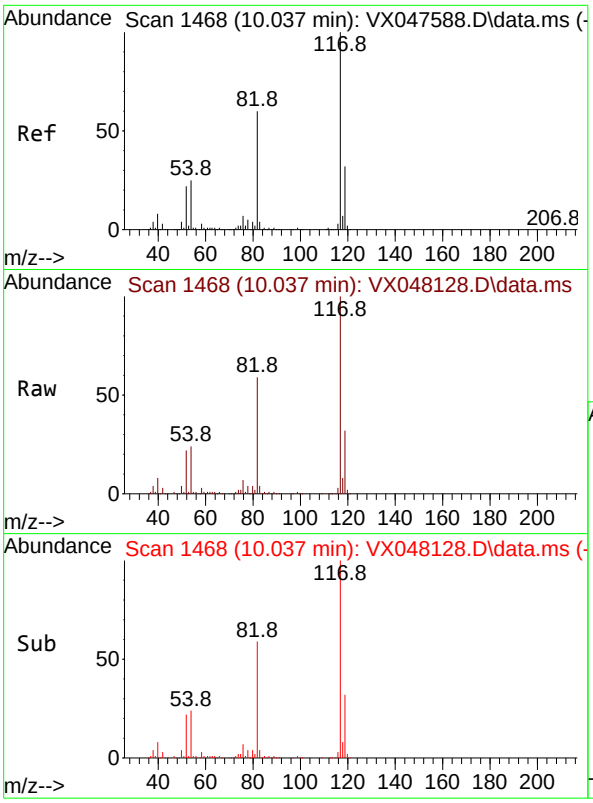


#62
4-Bromofluorobenzene
Concen: 54.521 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Tgt Ion: 95 Resp: 167555

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.6
176	67.7	0.0	138.4



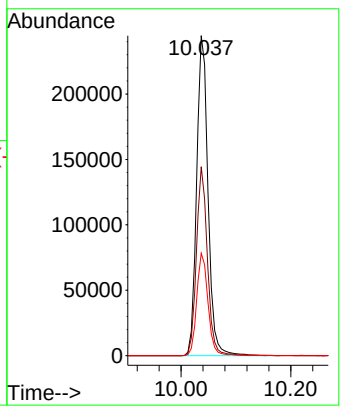


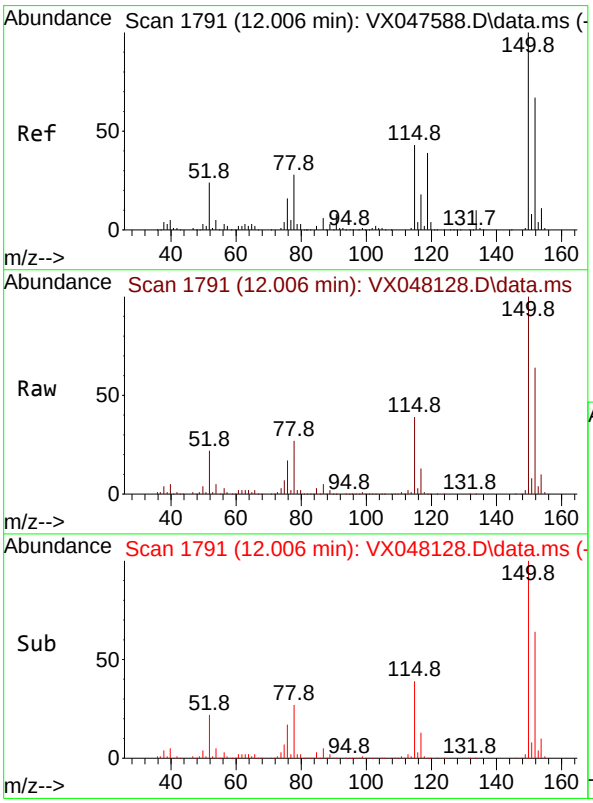
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Tgt Ion:117 Resp: 354107

Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.8	71.6
119	32.0	25.2	37.8

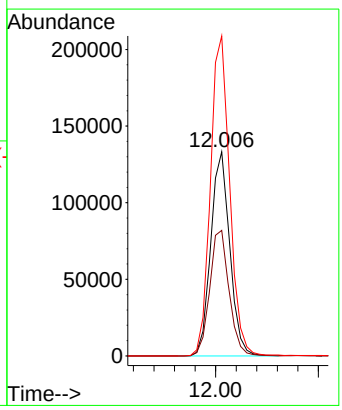




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Tgt Ion:152 Resp: 171429

Ion	Ratio	Lower	Upper
152	100		
115	62.7	44.9	134.5
150	158.9	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048128.D
Acq On : 13 Oct 2025 09:46
Operator : JC/MD
Sample : VX1013WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048128.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	691	703	720	rBV	114185	374531	33.58%	6.072%
2	5.538	720	730	752	rVB	168373	532536	47.74%	8.633%
3	5.940	784	796	812	rBV	124190	363441	32.58%	5.892%
4	6.745	917	928	951	rBV	324176	839123	75.23%	13.603%
5	8.635	1231	1238	1253	rBV	650470	1057587	94.81%	17.145%
6	10.037	1462	1468	1486	rBV	779827	1115445	100.00%	18.083%
7	11.061	1631	1636	1651	rBV	585286	795637	71.33%	12.898%
8	12.006	1785	1791	1801	rBV	810199	1090160	97.73%	17.673%

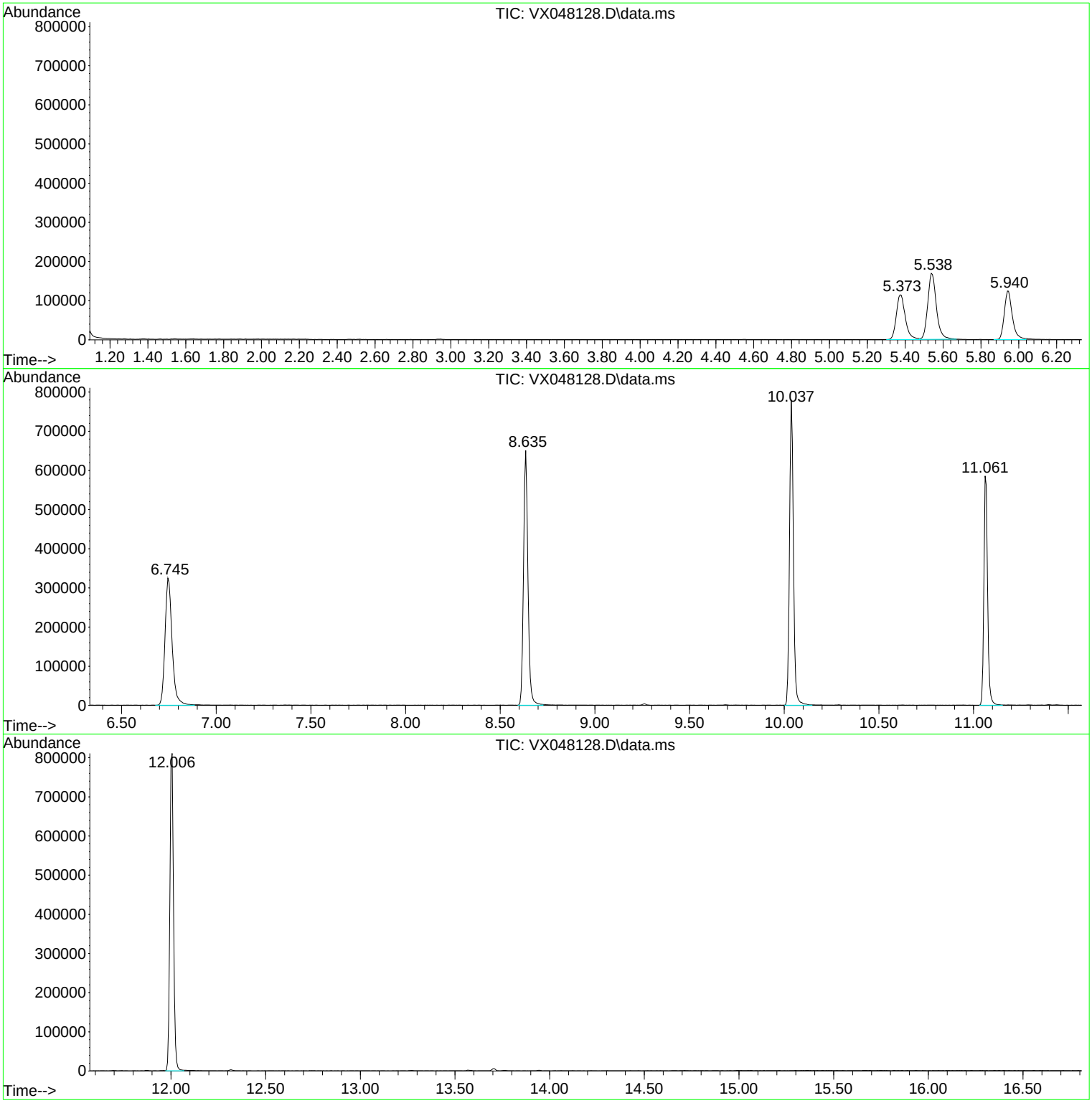
Sum of corrected areas: 6168460

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048128.D
Acq On : 13 Oct 2025 09:46
Operator : JC/MD
Sample : VX1013WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048128.D
Acq On : 13 Oct 2025 09:46
Operator : JC/MD
Sample : VX1013WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048128.D
Acq On : 13 Oct 2025 09:46
Operator : JC/MD
Sample : VX1013WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1014WBL01	SDG No.:	Q3311
Lab Sample ID:	VX1014WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 10:52	VX101425
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/14/25 10:52	VX101425
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/14/25 10:52	VX101425
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/14/25 10:52	VX101425
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/14/25 10:52	VX101425
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/14/25 10:52	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/14/25 10:52	VX101425
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/14/25 10:52	VX101425
67-64-1	Acetone	5.00	U	1	1.50	5.00	ug/L	10/14/25 10:52	VX101425
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/14/25 10:52	VX101425
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/14/25 10:52	VX101425
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/14/25 10:52	VX101425
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/14/25 10:52	VX101425
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/14/25 10:52	VX101425
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/14/25 10:52	VX101425
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/14/25 10:52	VX101425
78-93-3	2-Butanone	5.00	U	1	0.98	5.00	ug/L	10/14/25 10:52	VX101425
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/14/25 10:52	VX101425
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	0.19	1.00	ug/L	10/14/25 10:52	VX101425
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 10:52	VX101425
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/14/25 10:52	VX101425
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/14/25 10:52	VX101425
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/14/25 10:52	VX101425
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/14/25 10:52	VX101425
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 10:52	VX101425
79-01-6	Trichloroethene	1.00	U	1	0.090	1.00	ug/L	10/14/25 10:52	VX101425
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/14/25 10:52	VX101425
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/14/25 10:52	VX101425
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/14/25 10:52	VX101425
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/14/25 10:52	VX101425
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/14/25 10:52	VX101425
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/14/25 10:52	VX101425
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/14/25 10:52	VX101425
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/14/25 10:52	VX101425
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/14/25 10:52	VX101425
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/14/25 10:52	VX101425
127-18-4	Tetrachloroethene	1.00	U	1	0.23	1.00	ug/L	10/14/25 10:52	VX101425
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/14/25 10:52	VX101425
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/14/25 10:52	VX101425
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/14/25 10:52	VX101425
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/14/25 10:52	VX101425
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/14/25 10:52	VX101425
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/14/25 10:52	VX101425

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1014WBL01	SDG No.:	Q3311
Lab Sample ID:	VX1014WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/14/25 10:52	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/14/25 10:52	VX101425
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/14/25 10:52	VX101425
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/14/25 10:52	VX101425
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/14/25 10:52	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/14/25 10:52	VX101425
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/14/25 10:52	VX101425
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/14/25 10:52	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	55.0			74 - 125	110%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.0			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	50.4			86 - 113	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.5			77 - 121	113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	132000							
540-36-3	1,4-Difluorobenzene	270000							
3114-55-4	Chlorobenzene-d5	286000							
3855-82-1	1,4-Dichlorobenzene-d4	142000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048155.D
Acq On : 14 Oct 2025 10:52
Operator : JC/MD
Sample : VX1014WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Quant Time: Oct 15 02:40:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

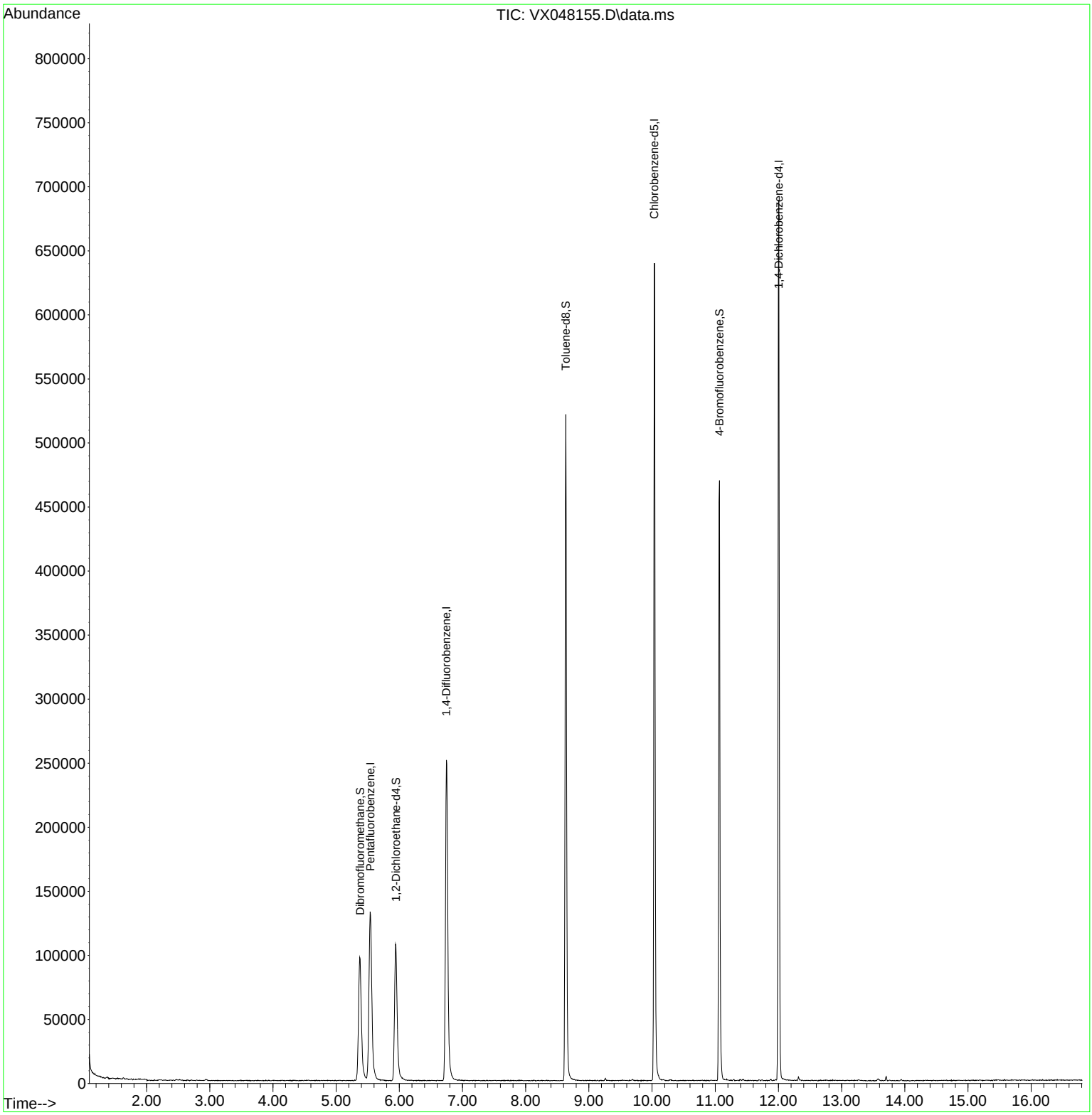
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	131511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	270081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	285912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	115134	55.001	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.000%			
35) Dibromofluoromethane	5.379	113	94255	52.037	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.080%			
50) Toluene-d8	8.635	98	316005	50.420	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.840%			
62) 4-Bromofluorobenzene	11.067	95	134411	56.508	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.020%			
Target Compounds						Qvalue

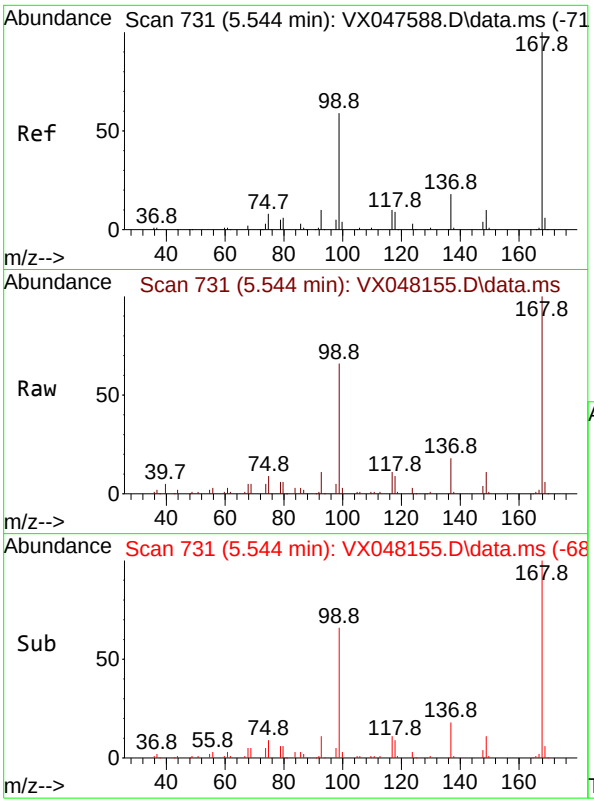
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048155.D
Acq On : 14 Oct 2025 10:52
Operator : JC/MD
Sample : VX1014WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Quant Time: Oct 15 02:40:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



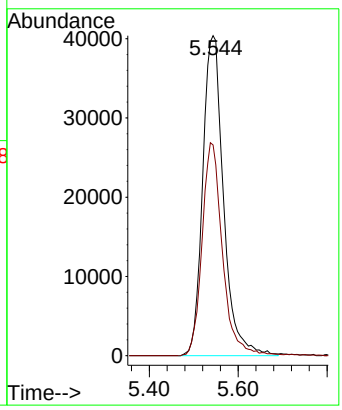


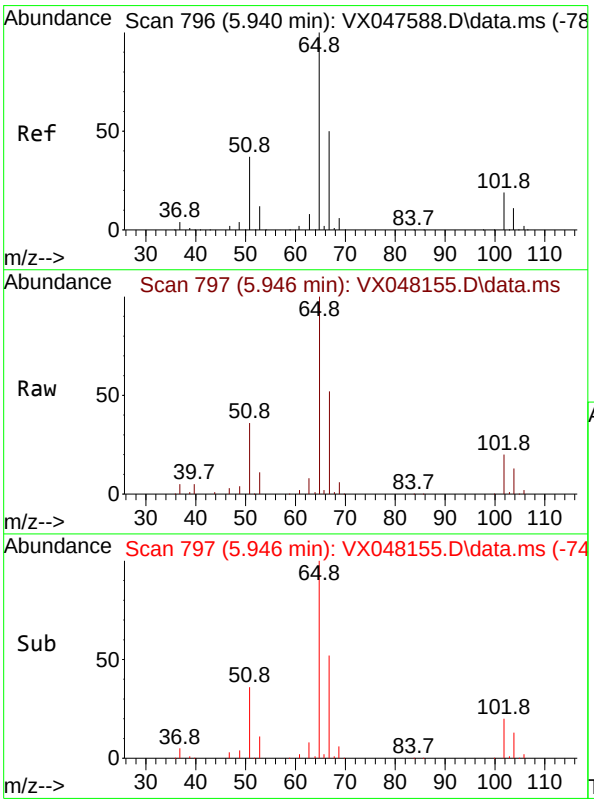
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Tgt Ion:168 Resp: 131511

Ion	Ratio	Lower	Upper
168	100		
99	65.8	48.8	73.2

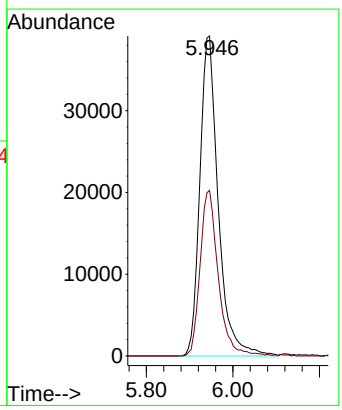


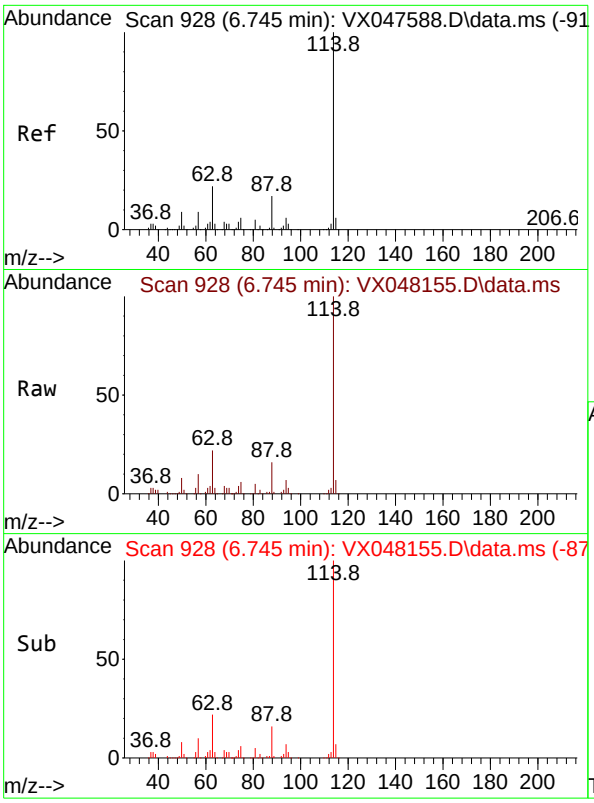


#33
1,2-Dichloroethane-d4
Concen: 55.001 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion: 65 Resp: 115134

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0



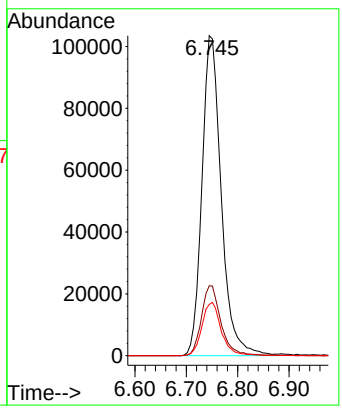


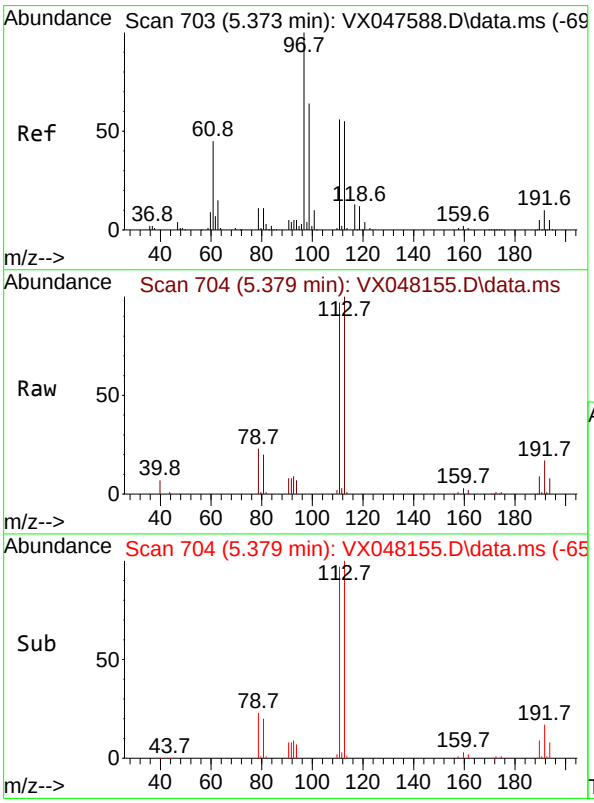
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Tgt Ion:114 Resp: 270081

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	16.0	0.0	34.2

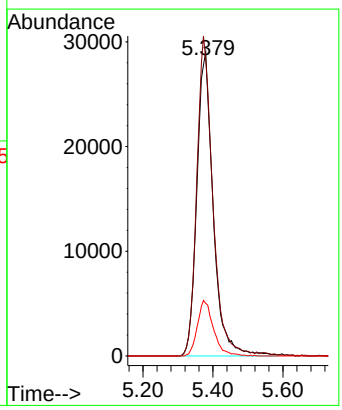


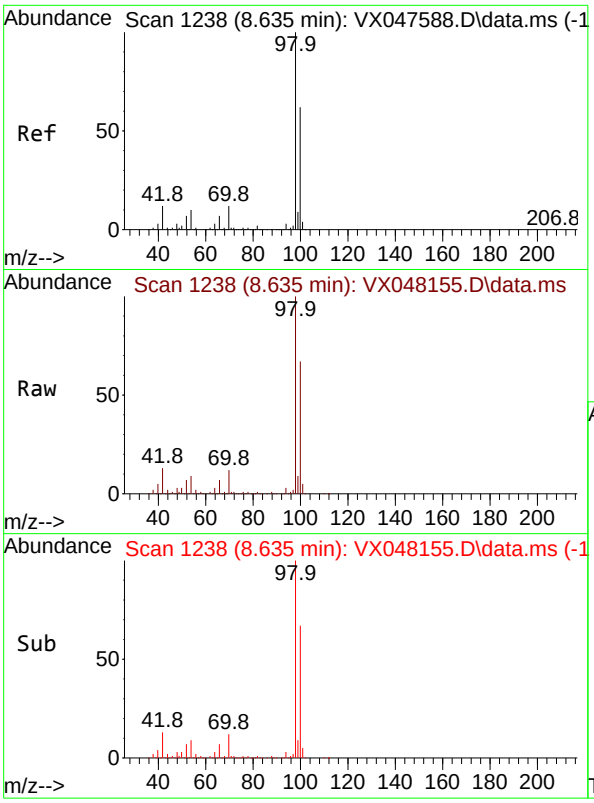


#35
Dibromofluoromethane
Concen: 52.037 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion:113 Resp: 94255

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.9	121.3
192	17.9	14.2	21.4



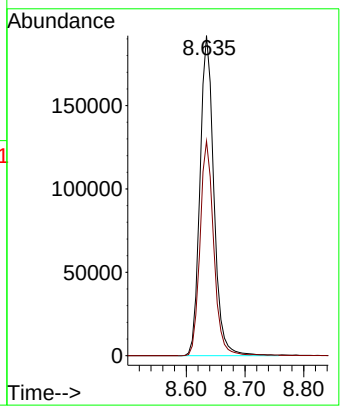


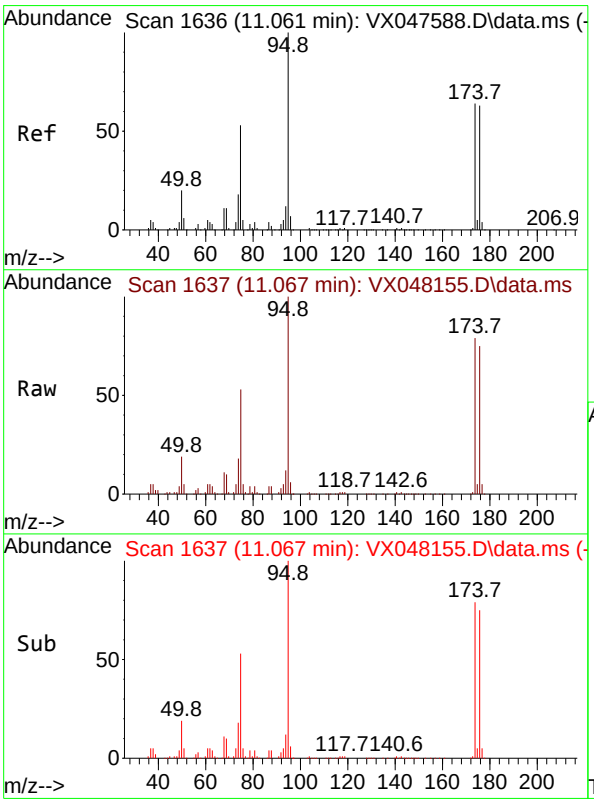
#50
Toluene-d8
Concen: 50.420 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Tgt Ion: 98 Resp: 316005

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

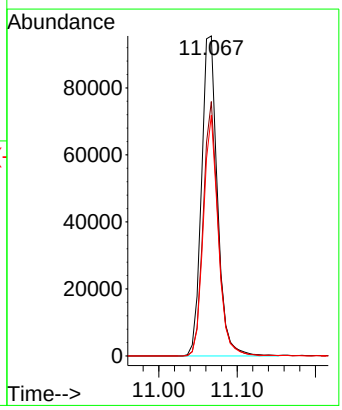


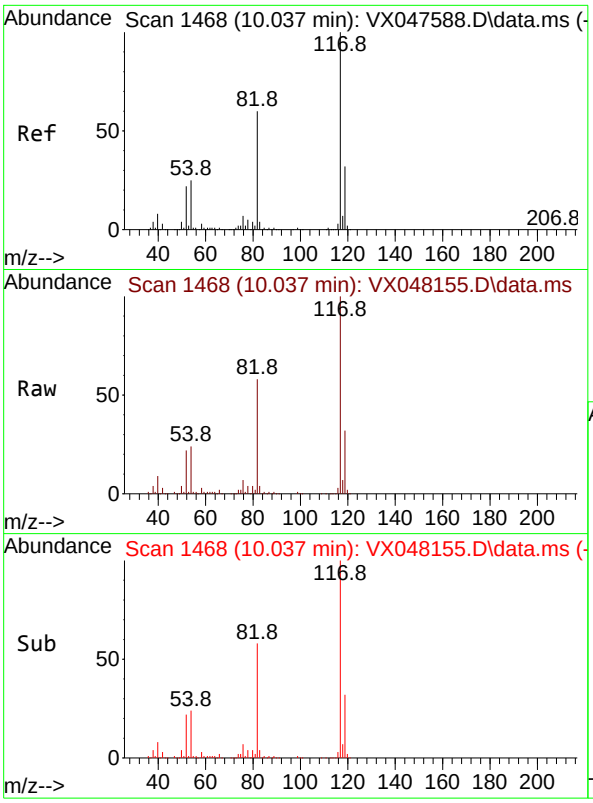


#62
4-Bromofluorobenzene
Concen: 56.508 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion: 95 Resp: 134411

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	141.6
176	70.4	0.0	138.4



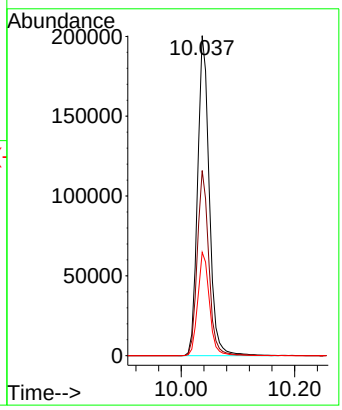


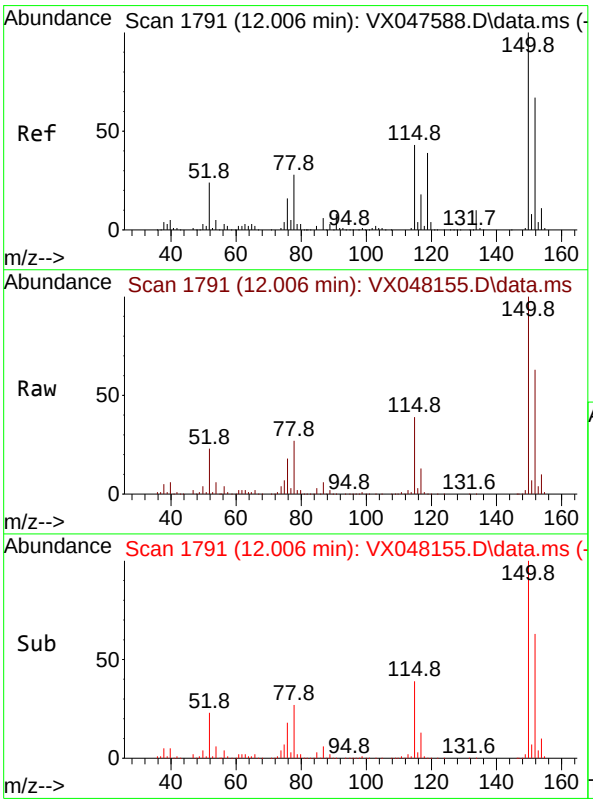
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Tgt Ion:117 Resp: 285912

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.6
119	32.3	25.2	37.8

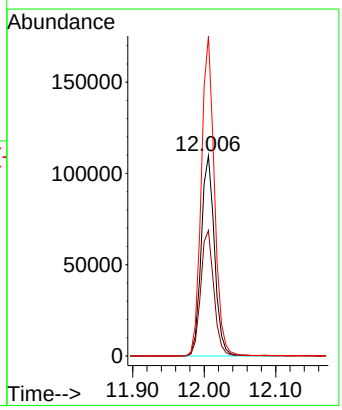




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048155.D
Acq: 14 Oct 2025 10:52

Tgt Ion:152 Resp: 141849

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.9	134.5
150	157.3	0.0	352.0



Sample Results: **VX048155.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048155.D
Acq On : 14 Oct 2025 10:52
Operator : JC/MD
Sample : VX1014WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Title : SW846 8260

Signal : TIC: VX048155.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	691	703	720	rBV	96081	307436	34.09%	6.146%
2	5.538	720	730	752	rVB2	131247	413073	45.81%	8.257%
3	5.940	785	796	813	rBV	106650	311880	34.59%	6.234%
4	6.745	919	928	950	rBV	250302	656857	72.85%	13.130%
5	8.635	1231	1238	1253	rBV	520041	856561	94.99%	17.122%
6	10.037	1463	1468	1484	rBV	637286	901709	100.00%	18.025%
7	11.067	1631	1637	1649	rBV	468493	655990	72.75%	13.113%
8	12.006	1785	1791	1802	rBV	686918	899061	99.71%	17.972%

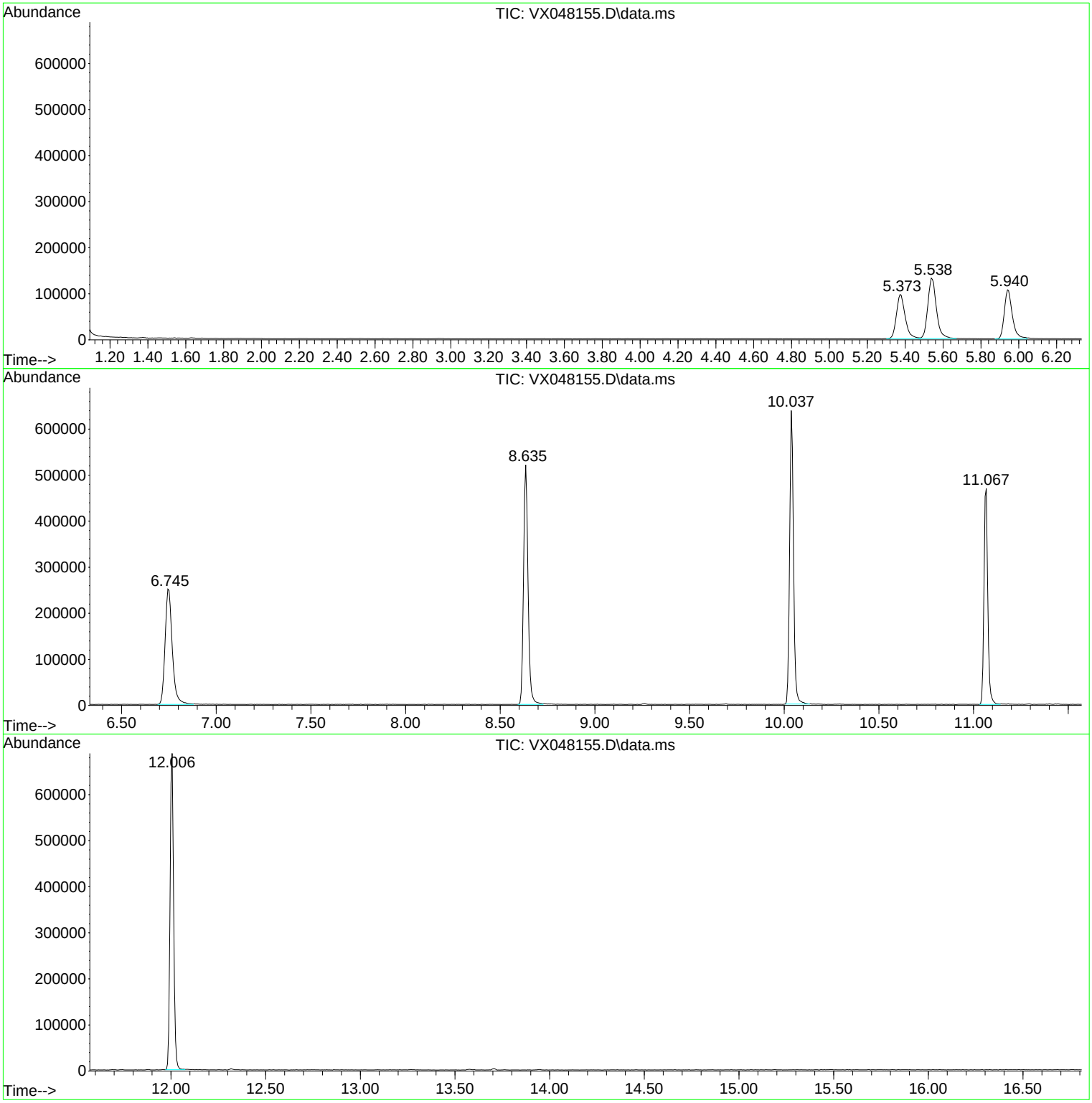
Sum of corrected areas: 5002567

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048155.D
Acq On : 14 Oct 2025 10:52
Operator : JC/MD
Sample : VX1014WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048155.D
Acq On : 14 Oct 2025 10:52
Operator : JC/MD
Sample : VX1014WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048155.D
Acq On : 14 Oct 2025 10:52
Operator : JC/MD
Sample : VX1014WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1017WBL01	SDG No.:	Q3311
Lab Sample ID:	VX1017WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.00	U	1	0.22	1.00	ug/L	10/17/25 13:15	VX101725
74-87-3	Chloromethane	1.00	U	1	0.32	1.00	ug/L	10/17/25 13:15	VX101725
75-01-4	Vinyl Chloride	1.00	U	1	0.26	1.00	ug/L	10/17/25 13:15	VX101725
74-83-9	Bromomethane	5.00	U	1	1.40	5.00	ug/L	10/17/25 13:15	VX101725
75-00-3	Chloroethane	1.00	U	1	0.47	1.00	ug/L	10/17/25 13:15	VX101725
75-69-4	Trichlorofluoromethane	1.00	U	1	0.33	1.00	ug/L	10/17/25 13:15	VX101725
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1	0.25	1.00	ug/L	10/17/25 13:15	VX101725
75-35-4	1,1-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/17/25 13:15	VX101725
67-64-1	Acetone	5.00	U	1	1.50	5.00	ug/L	10/17/25 13:15	VX101725
75-15-0	Carbon Disulfide	1.00	U	1	0.21	1.00	ug/L	10/17/25 13:15	VX101725
1634-04-4	Methyl tert-butyl Ether	1.00	U	1	0.16	1.00	ug/L	10/17/25 13:15	VX101725
79-20-9	Methyl Acetate	1.00	U	1	0.27	1.00	ug/L	10/17/25 13:15	VX101725
75-09-2	Methylene Chloride	1.00	U	1	0.28	1.00	ug/L	10/17/25 13:15	VX101725
156-60-5	trans-1,2-Dichloroethene	1.00	U	1	0.23	1.00	ug/L	10/17/25 13:15	VX101725
75-34-3	1,1-Dichloroethane	1.00	U	1	0.23	1.00	ug/L	10/17/25 13:15	VX101725
110-82-7	Cyclohexane	5.00	U	1	1.50	5.00	ug/L	10/17/25 13:15	VX101725
78-93-3	2-Butanone	5.00	U	1	0.98	5.00	ug/L	10/17/25 13:15	VX101725
56-23-5	Carbon Tetrachloride	1.00	U	1	0.25	1.00	ug/L	10/17/25 13:15	VX101725
156-59-2	cis-1,2-Dichloroethene	1.00	U	1	0.19	1.00	ug/L	10/17/25 13:15	VX101725
74-97-5	Bromochloromethane	1.00	U	1	0.22	1.00	ug/L	10/17/25 13:15	VX101725
67-66-3	Chloroform	1.00	U	1	0.25	1.00	ug/L	10/17/25 13:15	VX101725
71-55-6	1,1,1-Trichloroethane	1.00	U	1	0.20	1.00	ug/L	10/17/25 13:15	VX101725
108-87-2	Methylcyclohexane	1.00	U	1	0.16	1.00	ug/L	10/17/25 13:15	VX101725
71-43-2	Benzene	1.00	U	1	0.15	1.00	ug/L	10/17/25 13:15	VX101725
107-06-2	1,2-Dichloroethane	1.00	U	1	0.22	1.00	ug/L	10/17/25 13:15	VX101725
79-01-6	Trichloroethene	1.00	U	1	0.090	1.00	ug/L	10/17/25 13:15	VX101725
78-87-5	1,2-Dichloropropane	1.00	U	1	0.20	1.00	ug/L	10/17/25 13:15	VX101725
75-27-4	Bromodichloromethane	1.00	U	1	0.22	1.00	ug/L	10/17/25 13:15	VX101725
108-10-1	4-Methyl-2-Pentanone	5.00	U	1	0.68	5.00	ug/L	10/17/25 13:15	VX101725
108-88-3	Toluene	1.00	U	1	0.14	1.00	ug/L	10/17/25 13:15	VX101725
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	0.17	1.00	ug/L	10/17/25 13:15	VX101725
10061-01-5	cis-1,3-Dichloropropene	1.00	U	1	0.16	1.00	ug/L	10/17/25 13:15	VX101725
79-00-5	1,1,2-Trichloroethane	1.00	U	1	0.21	1.00	ug/L	10/17/25 13:15	VX101725
591-78-6	2-Hexanone	5.00	U	1	0.89	5.00	ug/L	10/17/25 13:15	VX101725
124-48-1	Dibromochloromethane	1.00	U	1	0.18	1.00	ug/L	10/17/25 13:15	VX101725
106-93-4	1,2-Dibromoethane	1.00	U	1	0.15	1.00	ug/L	10/17/25 13:15	VX101725
127-18-4	Tetrachloroethene	1.00	U	1	0.23	1.00	ug/L	10/17/25 13:15	VX101725
108-90-7	Chlorobenzene	1.00	U	1	0.12	1.00	ug/L	10/17/25 13:15	VX101725
100-41-4	Ethyl Benzene	1.00	U	1	0.13	1.00	ug/L	10/17/25 13:15	VX101725
179601-23-1	m/p-Xylenes	2.00	U	1	0.24	2.00	ug/L	10/17/25 13:15	VX101725
95-47-6	o-Xylene	1.00	U	1	0.12	1.00	ug/L	10/17/25 13:15	VX101725
100-42-5	Styrene	1.00	U	1	0.15	1.00	ug/L	10/17/25 13:15	VX101725
75-25-2	Bromoform	1.00	U	1	0.19	1.00	ug/L	10/17/25 13:15	VX101725

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1017WBL01	SDG No.:	Q3311
Lab Sample ID:	VX1017WBL01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.00	U	1	0.12	1.00	ug/L	10/17/25 13:15	VX101725
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1	0.26	1.00	ug/L	10/17/25 13:15	VX101725
541-73-1	1,3-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/17/25 13:15	VX101725
106-46-7	1,4-Dichlorobenzene	1.00	U	1	0.19	1.00	ug/L	10/17/25 13:15	VX101725
95-50-1	1,2-Dichlorobenzene	1.00	U	1	0.16	1.00	ug/L	10/17/25 13:15	VX101725
96-12-8	1,2-Dibromo-3-Chloropropane	1.00	U	1	0.53	1.00	ug/L	10/17/25 13:15	VX101725
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/17/25 13:15	VX101725
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1	0.20	1.00	ug/L	10/17/25 13:15	VX101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.1			74 - 125	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.2			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	50.0			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.1			77 - 121	118%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	129000							
540-36-3	1,4-Difluorobenzene	259000							
3114-55-4	Chlorobenzene-d5	275000							
3855-82-1	1,4-Dichlorobenzene-d4	139000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048207.D
Acq On : 17 Oct 2025 13:15
Operator : JC/MD
Sample : VX1017WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL01

Quant Time: Oct 18 00:16:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	129436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	259480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	275267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	106468	53.095	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.200%			
35) Dibromofluoromethane	5.373	113	92232	51.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.440%			
50) Toluene-d8	8.635	98	324667	50.043	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.080%			
62) 4-Bromofluorobenzene	11.061	95	139678	59.111	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 118.220%			

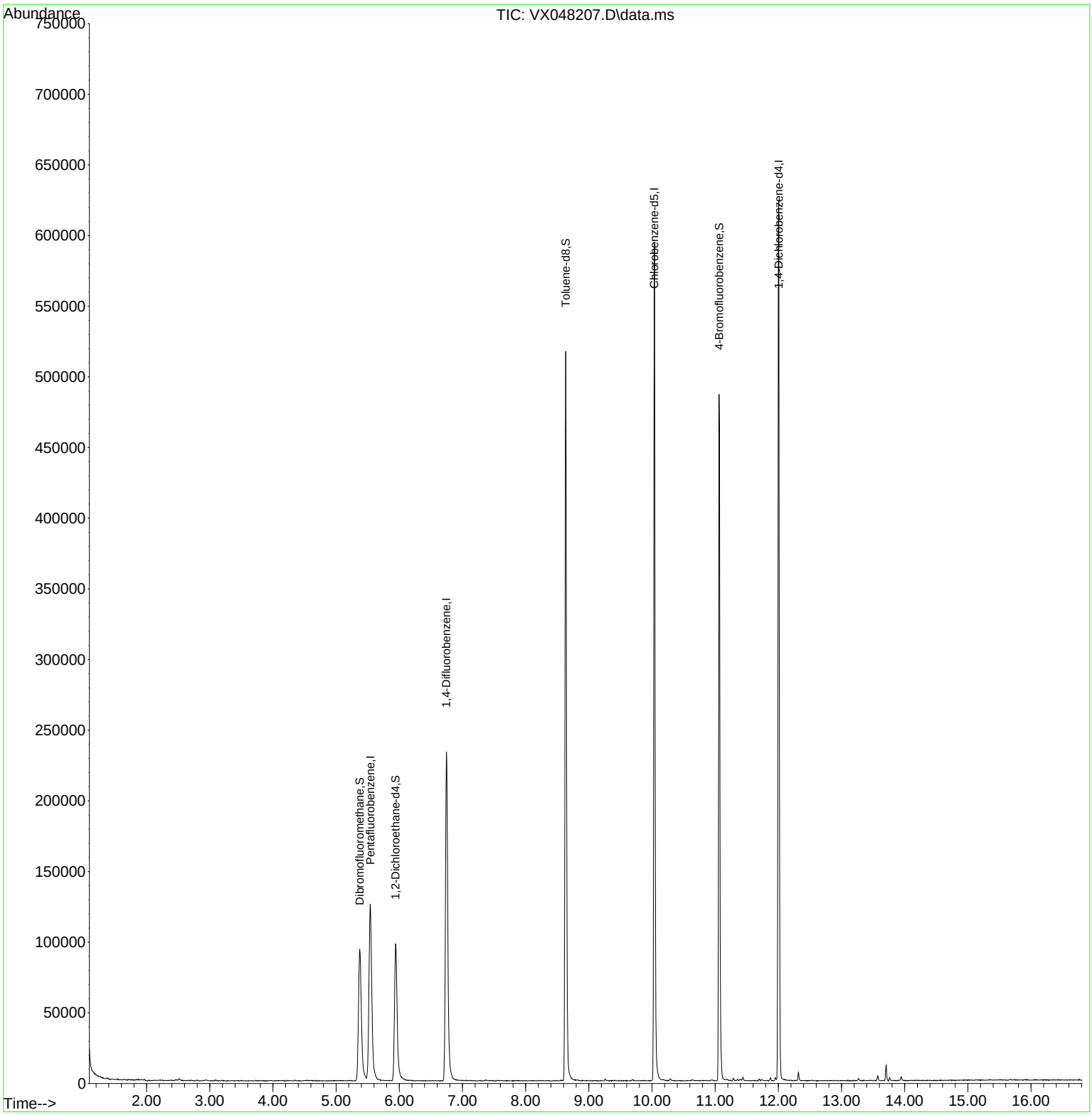
Target Compounds Qvalue

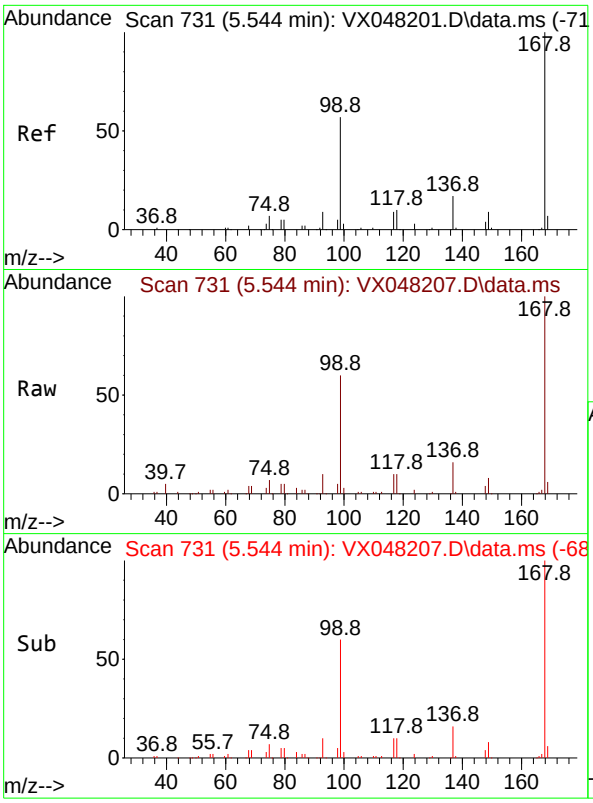
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048207.D
Acq On : 17 Oct 2025 13:15
Operator : JC/MD
Sample : VX1017WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL01

Quant Time: Oct 18 00:16:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration



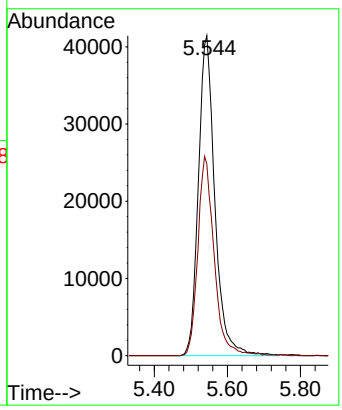


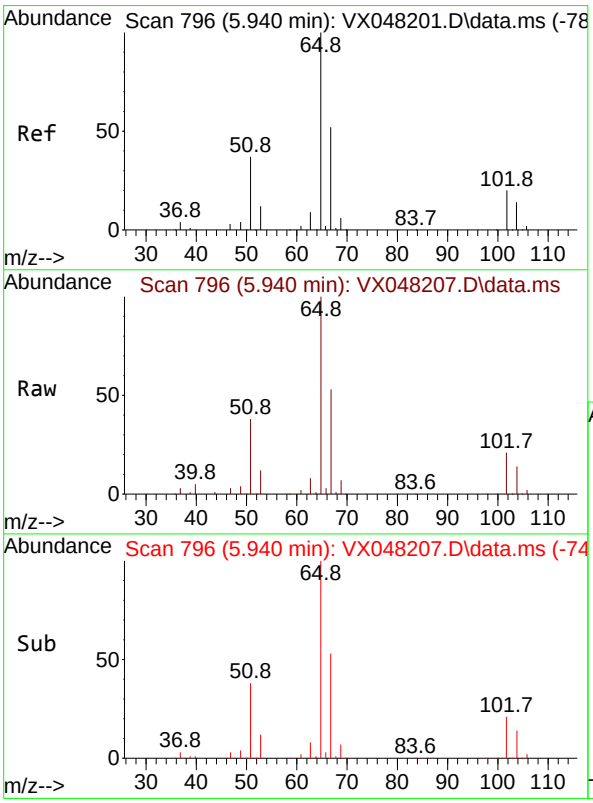
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048207.D
Acq: 17 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL01

Tgt Ion:168 Resp: 129436

Ion	Ratio	Lower	Upper
168	100		
99	59.9	46.4	69.6

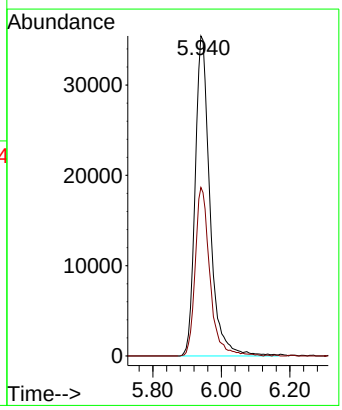


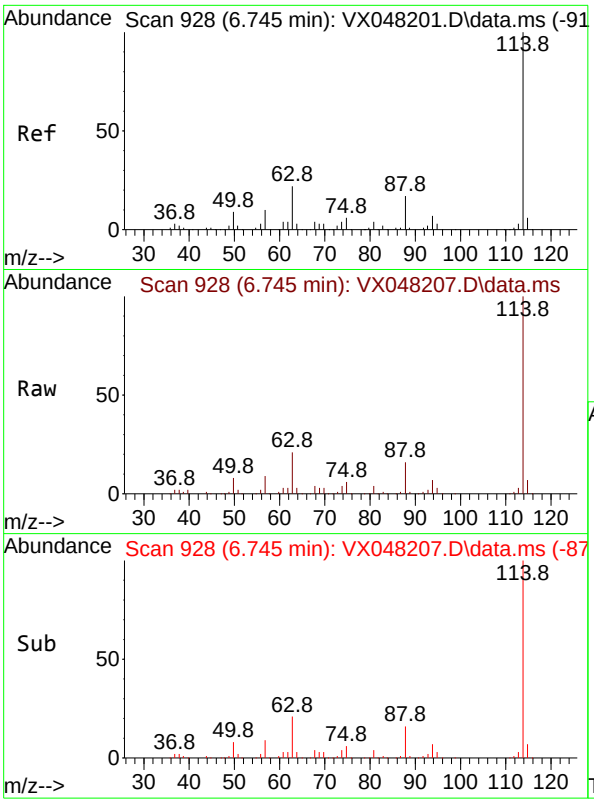


#33
1,2-Dichloroethane-d4
Concen: 53.095 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048207.D
Acq: 17 Oct 2025 13:15

Tgt Ion: 65 Resp: 106468

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.0



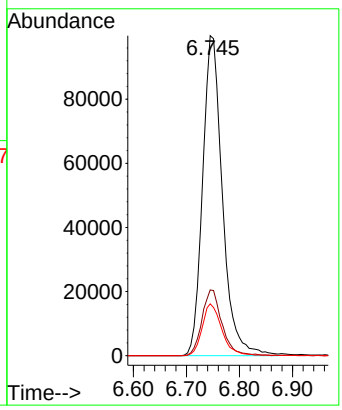


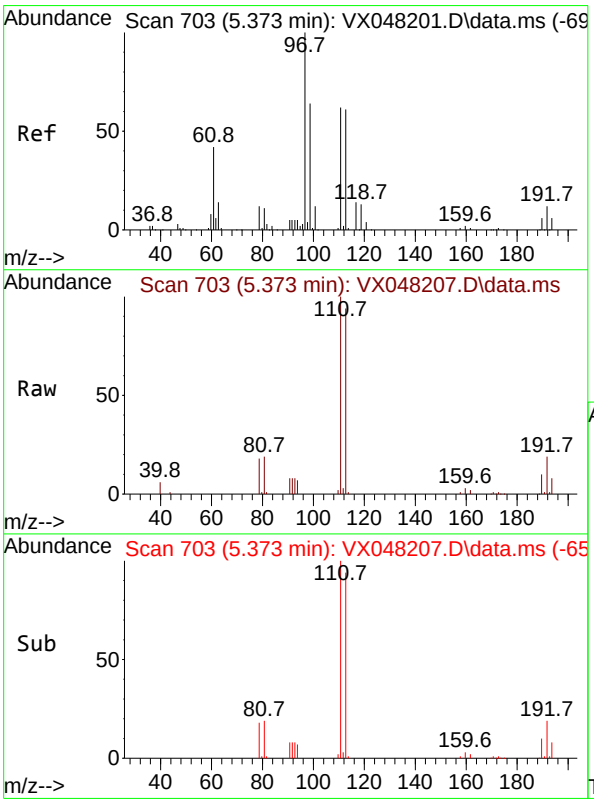
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX048207.D
Acq: 17 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL01

Tgt Ion:114 Resp: 259480

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	16.2	0.0	33.6

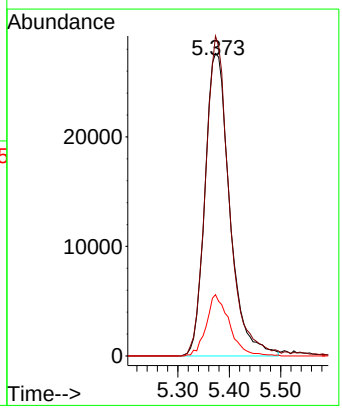


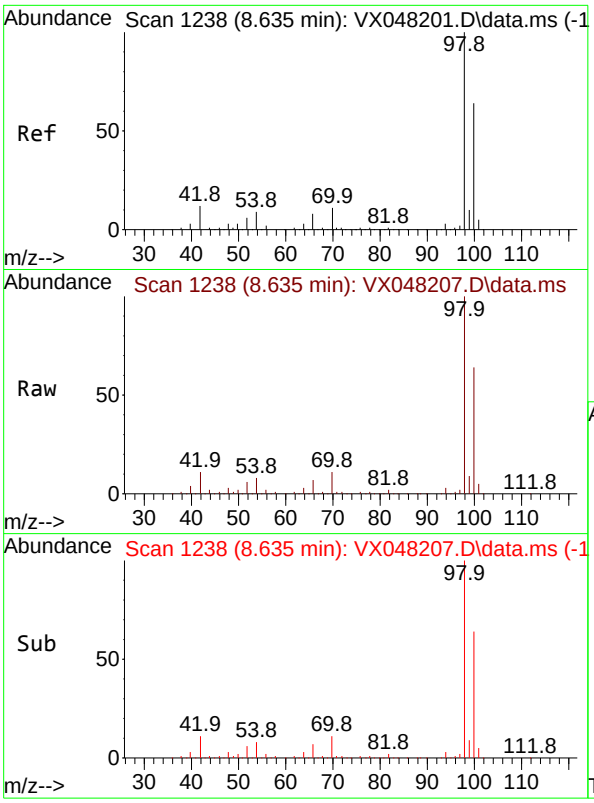


#35
Dibromofluoromethane
Concen: 51.216 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048207.D
Acq: 17 Oct 2025 13:15

Tgt Ion:113 Resp: 92232

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	19.0	15.1	22.7



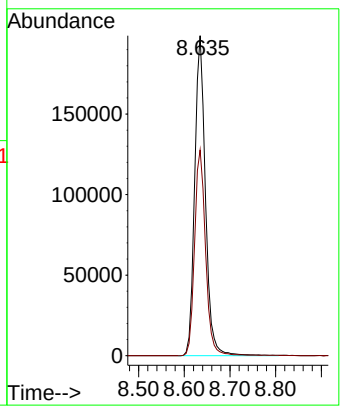


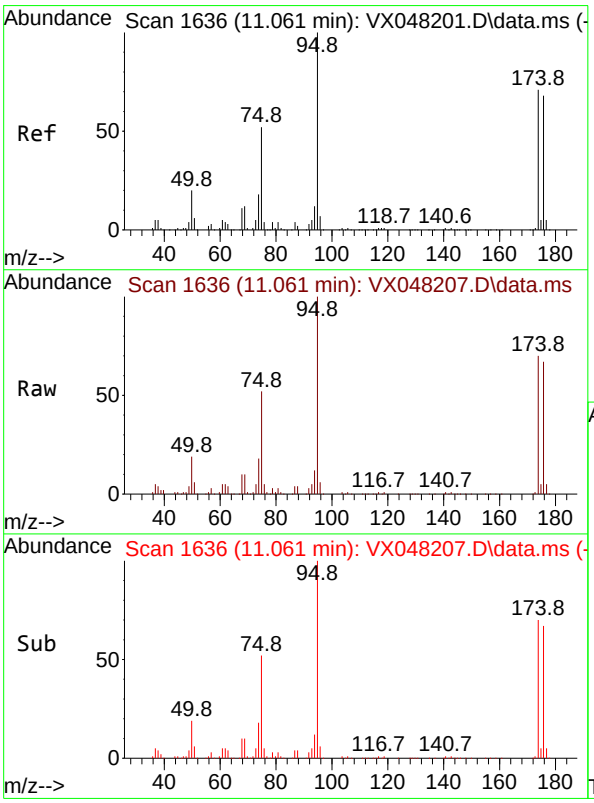
#50
Toluene-d8
Concen: 50.043 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048207.D
Acq: 17 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL01

Tgt Ion: 98 Resp: 324667

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4

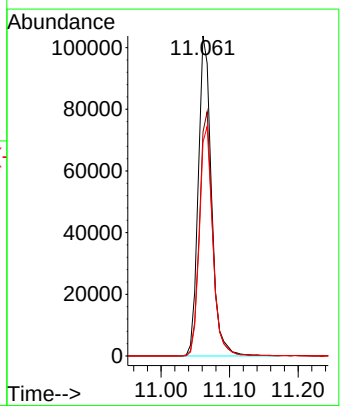


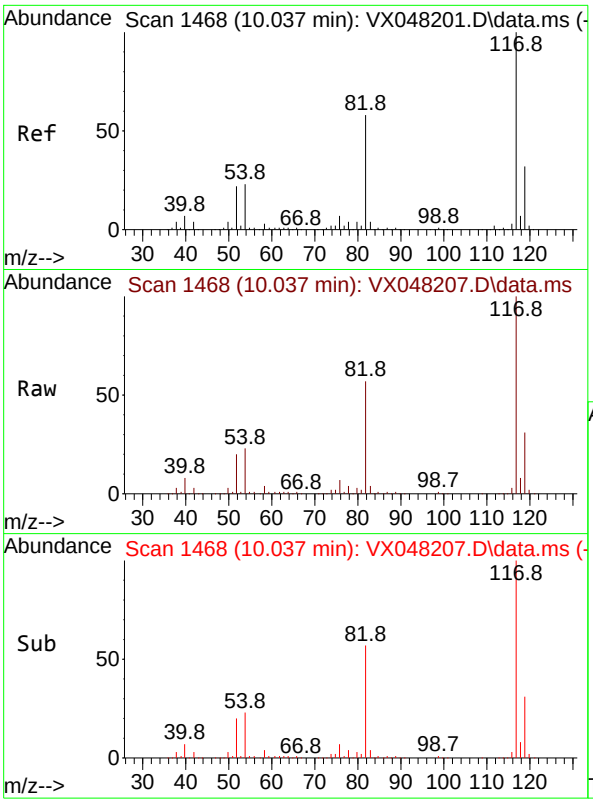


#62
4-Bromofluorobenzene
Concen: 59.111 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048207.D
Acq: 17 Oct 2025 13:15

Tgt Ion: 95 Resp: 139678

Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	147.8
176	72.6	0.0	142.8



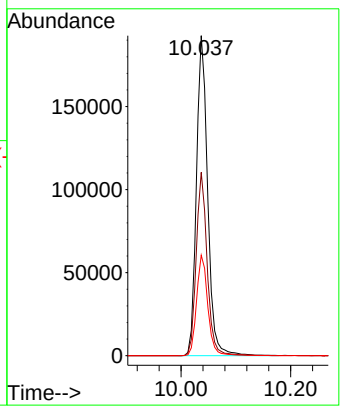


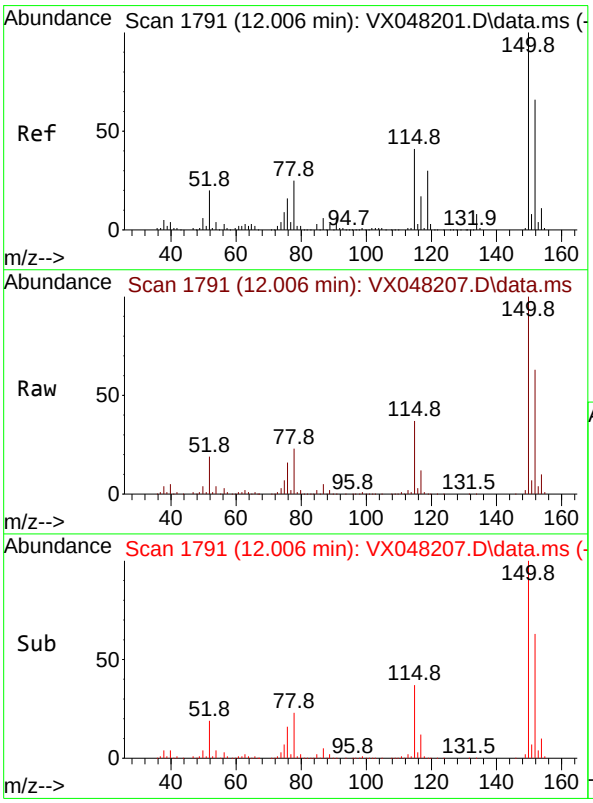
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048207.D
Acq: 17 Oct 2025 13:15

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL01

Tgt Ion:117 Resp: 275267

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.5	69.7
119	31.4	25.9	38.9

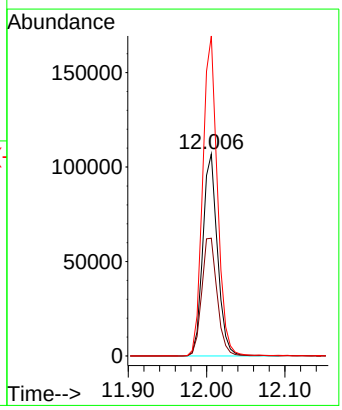




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048207.D
Acq: 17 Oct 2025 13:15

Tgt Ion:152 Resp: 138959

Ion	Ratio	Lower	Upper
152	100		
115	61.3	43.1	129.4
150	158.5	0.0	353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048207.D
Acq On : 17 Oct 2025 13:15
Operator : JC/MD
Sample : VX1017WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Title : SW846 8260

Signal : TIC: VX048207.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.373	691	703	720	rBV4	93204	300740	35.05%	6.277%
2	5.538	720	730	749	rVB2	124222	383469	44.70%	8.004%
3	5.940	787	796	817	rBV	97008	287339	33.49%	5.997%
4	6.745	919	928	949	rBV	232778	603210	70.31%	12.590%
5	8.635	1231	1238	1258	rBV	516039	857930	100.00%	17.906%
6	10.037	1462	1468	1486	rBV	593375	835499	97.39%	17.438%
7	11.061	1631	1636	1651	rBV	485685	662102	77.17%	13.819%
8	12.006	1785	1791	1805	rVB	622441	846775	98.70%	17.673%
9	13.707	2066	2070	2076	rVB3	11019	14154	1.65%	0.295%

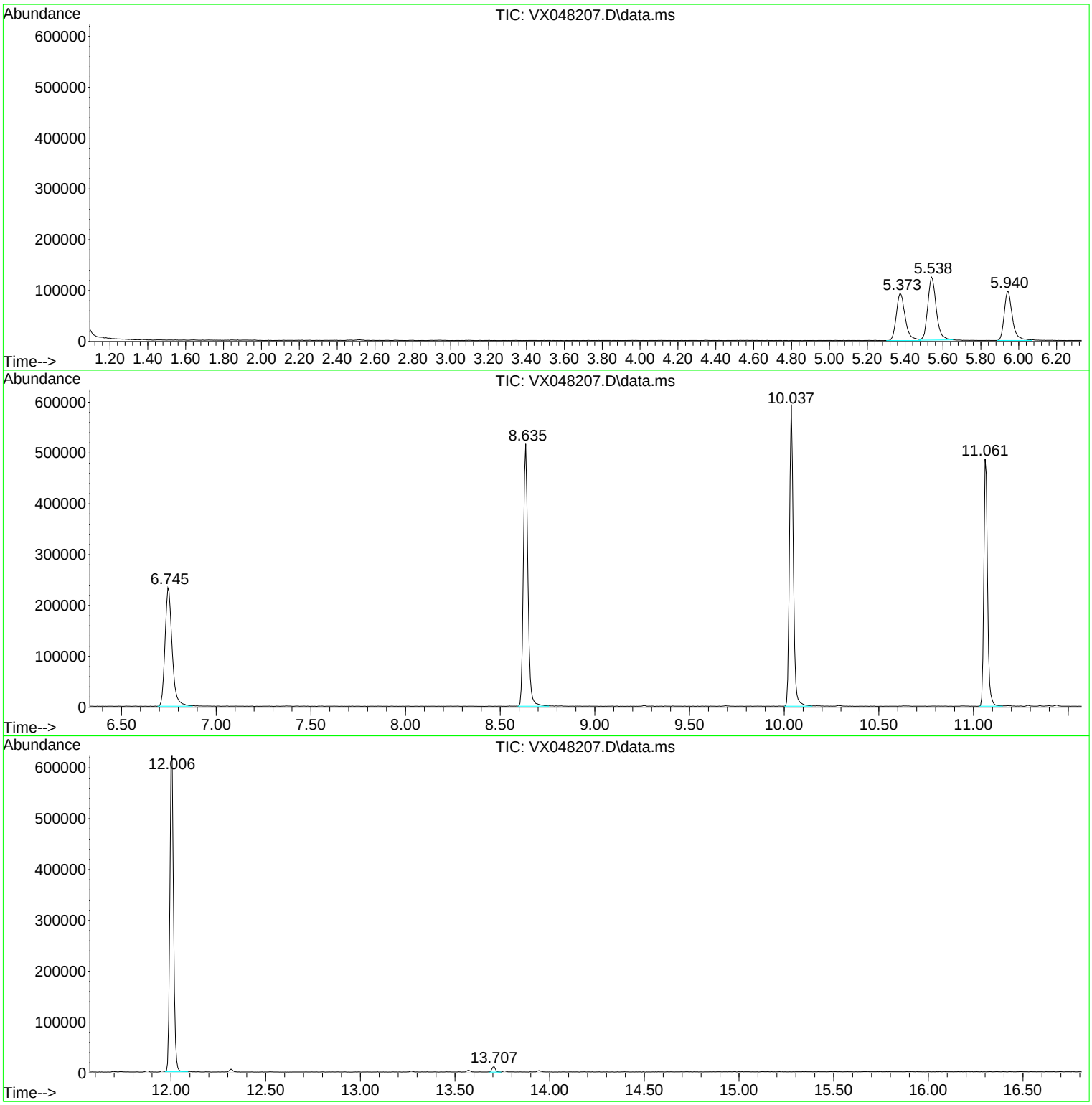
Sum of corrected areas: 4791218

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048207.D
Acq On : 17 Oct 2025 13:15
Operator : JC/MD
Sample : VX1017WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048207.D
Acq On : 17 Oct 2025 13:15
Operator : JC/MD
Sample : VX1017WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048207.D
Acq On : 17 Oct 2025 13:15
Operator : JC/MD
Sample : VX1017WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1009WBS02	SDG No.:	Q3311
Lab Sample ID:	VX1009WBS02	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	16.1		1	0.22	1.00	ug/L	10/09/25 12:58	VX100925
74-87-3	Chloromethane	13.9		1	0.32	1.00	ug/L	10/09/25 12:58	VX100925
75-01-4	Vinyl Chloride	16.1		1	0.26	1.00	ug/L	10/09/25 12:58	VX100925
74-83-9	Bromomethane	17.5		1	1.40	5.00	ug/L	10/09/25 12:58	VX100925
75-00-3	Chloroethane	16.5		1	0.47	1.00	ug/L	10/09/25 12:58	VX100925
75-69-4	Trichlorofluoromethane	18.2		1	0.33	1.00	ug/L	10/09/25 12:58	VX100925
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		1	0.25	1.00	ug/L	10/09/25 12:58	VX100925
75-35-4	1,1-Dichloroethene	17.1		1	0.23	1.00	ug/L	10/09/25 12:58	VX100925
67-64-1	Acetone	74.6		1	1.50	5.00	ug/L	10/09/25 12:58	VX100925
75-15-0	Carbon Disulfide	13.8		1	0.21	1.00	ug/L	10/09/25 12:58	VX100925
1634-04-4	Methyl tert-butyl Ether	18.4		1	0.16	1.00	ug/L	10/09/25 12:58	VX100925
79-20-9	Methyl Acetate	20.0		1	0.27	1.00	ug/L	10/09/25 12:58	VX100925
75-09-2	Methylene Chloride	18.2		1	0.28	1.00	ug/L	10/09/25 12:58	VX100925
156-60-5	trans-1,2-Dichloroethene	16.9		1	0.23	1.00	ug/L	10/09/25 12:58	VX100925
75-34-3	1,1-Dichloroethane	19.1		1	0.23	1.00	ug/L	10/09/25 12:58	VX100925
110-82-7	Cyclohexane	15.3		1	1.50	5.00	ug/L	10/09/25 12:58	VX100925
78-93-3	2-Butanone	81.4		1	0.98	5.00	ug/L	10/09/25 12:58	VX100925
56-23-5	Carbon Tetrachloride	18.8		1	0.25	1.00	ug/L	10/09/25 12:58	VX100925
156-59-2	cis-1,2-Dichloroethene	18.6		1	0.19	1.00	ug/L	10/09/25 12:58	VX100925
74-97-5	Bromochloromethane	21.5		1	0.22	1.00	ug/L	10/09/25 12:58	VX100925
67-66-3	Chloroform	20.3		1	0.25	1.00	ug/L	10/09/25 12:58	VX100925
71-55-6	1,1,1-Trichloroethane	19.2		1	0.20	1.00	ug/L	10/09/25 12:58	VX100925
108-87-2	Methylcyclohexane	16.3		1	0.16	1.00	ug/L	10/09/25 12:58	VX100925
71-43-2	Benzene	18.5		1	0.15	1.00	ug/L	10/09/25 12:58	VX100925
107-06-2	1,2-Dichloroethane	19.6		1	0.22	1.00	ug/L	10/09/25 12:58	VX100925
79-01-6	Trichloroethene	18.2		1	0.090	1.00	ug/L	10/09/25 12:58	VX100925
78-87-5	1,2-Dichloropropane	19.9		1	0.20	1.00	ug/L	10/09/25 12:58	VX100925
75-27-4	Bromodichloromethane	21.0		1	0.22	1.00	ug/L	10/09/25 12:58	VX100925
108-10-1	4-Methyl-2-Pentanone	92.5		1	0.68	5.00	ug/L	10/09/25 12:58	VX100925
108-88-3	Toluene	18.8		1	0.14	1.00	ug/L	10/09/25 12:58	VX100925
10061-02-6	t-1,3-Dichloropropene	19.1		1	0.17	1.00	ug/L	10/09/25 12:58	VX100925
10061-01-5	cis-1,3-Dichloropropene	19.3		1	0.16	1.00	ug/L	10/09/25 12:58	VX100925
79-00-5	1,1,2-Trichloroethane	20.9		1	0.21	1.00	ug/L	10/09/25 12:58	VX100925
591-78-6	2-Hexanone	85.4		1	0.89	5.00	ug/L	10/09/25 12:58	VX100925
124-48-1	Dibromochloromethane	21.4		1	0.18	1.00	ug/L	10/09/25 12:58	VX100925
106-93-4	1,2-Dibromoethane	19.8		1	0.15	1.00	ug/L	10/09/25 12:58	VX100925
127-18-4	Tetrachloroethene	17.7		1	0.23	1.00	ug/L	10/09/25 12:58	VX100925
108-90-7	Chlorobenzene	19.0		1	0.12	1.00	ug/L	10/09/25 12:58	VX100925
100-41-4	Ethyl Benzene	18.1		1	0.13	1.00	ug/L	10/09/25 12:58	VX100925
179601-23-1	m/p-Xylenes	36.5		1	0.24	2.00	ug/L	10/09/25 12:58	VX100925
95-47-6	o-Xylene	18.3		1	0.12	1.00	ug/L	10/09/25 12:58	VX100925
100-42-5	Styrene	18.7		1	0.15	1.00	ug/L	10/09/25 12:58	VX100925
75-25-2	Bromoform	19.7		1	0.19	1.00	ug/L	10/09/25 12:58	VX100925

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1009WBS02	SDG No.:	Q3311
Lab Sample ID:	VX1009WBS02	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	17.9		1	0.12	1.00	ug/L	10/09/25 12:58	VX100925
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1	0.26	1.00	ug/L	10/09/25 12:58	VX100925
541-73-1	1,3-Dichlorobenzene	18.7		1	0.16	1.00	ug/L	10/09/25 12:58	VX100925
106-46-7	1,4-Dichlorobenzene	18.5		1	0.19	1.00	ug/L	10/09/25 12:58	VX100925
95-50-1	1,2-Dichlorobenzene	19.0		1	0.16	1.00	ug/L	10/09/25 12:58	VX100925
96-12-8	1,2-Dibromo-3-Chloropropane	15.8		1	0.53	1.00	ug/L	10/09/25 12:58	VX100925
120-82-1	1,2,4-Trichlorobenzene	17.6		1	0.20	1.00	ug/L	10/09/25 12:58	VX100925
87-61-6	1,2,3-Trichlorobenzene	17.8		1	0.20	1.00	ug/L	10/09/25 12:58	VX100925
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	49.7			74 - 125	99%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.2			75 - 124	104%	SPK: 50		
2037-26-5	Toluene-d8	50.5			86 - 113	101%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.9			77 - 121	102%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	130000							
540-36-3	1,4-Difluorobenzene	230000							
3114-55-4	Chlorobenzene-d5	211000							
3855-82-1	1,4-Dichlorobenzene-d4	106000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048080.D
Acq On : 09 Oct 2025 12:58
Operator : JC/MD
Sample : VX1009WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 10 01:21:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	129714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	229549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	106240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102712	49.746	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117			Recovery = 99.500%		
35) Dibromofluoromethane	5.367	113	80378	52.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124			Recovery = 104.420%		
50) Toluene-d8	8.629	98	269005	50.499	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112			Recovery = 101.000%		
62) 4-Bromofluorobenzene	11.061	95	102981	50.939	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123			Recovery = 101.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	21584	16.069	ug/l	98
3) Chloromethane	1.301	50	24547	13.905	ug/l	97
4) Vinyl Chloride	1.380	62	27856	16.120	ug/l	97
5) Bromomethane	1.618	94	19147	17.473	ug/l	96
6) Chloroethane	1.697	64	19074	16.515	ug/l	95
7) Trichlorofluoromethane	1.898	101	46787	18.235	ug/l	96
8) Diethyl Ether	2.136	74	18485	17.611	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	28170	18.776	ug/l	98
10) Methyl Iodide	2.453	142	27157	11.606	ug/l	99
11) Tert butyl alcohol	2.934	59	16846	73.258	ug/l	99
12) 1,1-Dichloroethene	2.325	96	26311	17.072	ug/l	97
13) Acrolein	2.233	56	18402	86.840	ug/l	100
14) Allyl chloride	2.666	41	52414	16.481	ug/l	99
15) Acrylonitrile	3.056	53	78087	91.676	ug/l	99
16) Acetone	2.374	43	66982	74.611	ug/l	100
17) Carbon Disulfide	2.514	76	58292	13.816	ug/l	99
18) Methyl Acetate	2.697	43	40023	20.032	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	103446	18.388	ug/l	97
20) Methylene Chloride	2.788	84	34595	18.205	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	28050	16.906	ug/l	97
22) Diisopropyl ether	3.745	45	120547	19.559	ug/l #	81
23) Vinyl Acetate	3.709	43	445183	90.250	ug/l	100
24) 1,1-Dichloroethane	3.605	63	62629	19.118	ug/l	97
25) 2-Butanone	4.532	43	91099	81.351	ug/l	96
26) 2,2-Dichloropropane	4.459	77	50719	18.626	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	37847	18.626	ug/l	99
28) Bromochloromethane	4.885	49	30718	21.479	ug/l	100
29) Tetrahydrofuran	4.989	42	53458	79.354	ug/l	97
30) Chloroform	5.074	83	67333	20.340	ug/l	98
31) Cyclohexane	5.458	56	41821	15.328	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	53977	19.223	ug/l	99
36) 1,1-Dichloropropene	5.678	75	39015	17.343	ug/l	99
37) Ethyl Acetate	4.690	43	39152	16.255	ug/l	98
38) Carbon Tetrachloride	5.660	117	46059	18.844	ug/l	95
39) Methylcyclohexane	7.367	83	41566	16.278	ug/l	96
40) Benzene	6.019	78	126209	18.472	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048080.D
Acq On : 09 Oct 2025 12:58
Operator : JC/MD
Sample : VX1009WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 10 01:21:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.898	41	22458	18.061	ug/l		96
42) 1,2-Dichloroethane	6.068	62	50893	19.577	ug/l		99
43) Isopropyl Acetate	6.318	43	69882	17.690	ug/l		99
44) Trichloroethene	7.111	130	29994	18.158	ug/l		92
45) 1,2-Dichloropropane	7.415	63	34821	19.903	ug/l		99
46) Dibromomethane	7.568	93	25178	19.776	ug/l		99
47) Bromodichloromethane	7.806	83	55086	20.968	ug/l		97
48) Methyl methacrylate	7.678	41	33948	17.253	ug/l		98
49) 1,4-Dioxane	7.647	88	7523	378.315	ug/l	#	93
51) 4-Methyl-2-Pentanone	8.555	43	202694	92.545	ug/l		98
52) Toluene	8.702	92	78926	18.750	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	51314	19.149	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	55205	19.274	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	33868	20.866	ug/l		97
56) Ethyl methacrylate	9.098	69	47295	18.554	ug/l		98
57) 1,3-Dichloropropane	9.293	76	57306	20.552	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	108752	96.460	ug/l		99
59) 2-Hexanone	9.415	43	134364	85.418	ug/l		100
60) Dibromochloromethane	9.506	129	40093	21.437	ug/l		99
61) 1,2-Dibromoethane	9.592	107	32805	19.843	ug/l		99
64) Tetrachloroethene	9.256	164	24302	17.708	ug/l		99
65) Chlorobenzene	10.061	112	90817	18.989	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.147	131	33895	20.538	ug/l		99
67) Ethyl Benzene	10.177	91	149105	18.069	ug/l		100
68) m/p-Xylenes	10.287	106	111970	36.455	ug/l		99
69) o-Xylene	10.622	106	54293	18.276	ug/l		100
70) Styrene	10.640	104	97589	18.748	ug/l		98
71) Bromoform	10.781	173	24332	19.745	ug/l	#	99
73) Isopropylbenzene	10.945	105	144534	17.894	ug/l		99
74) N-amyl acetate	10.823	43	60457	16.414	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.195	83	46541	19.045	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	40410m	18.786	ug/l		
77) Bromobenzene	11.177	156	37338	18.769	ug/l		98
78) n-propylbenzene	11.287	91	171804	17.994	ug/l		100
79) 2-Chlorotoluene	11.348	91	108495	18.553	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	120277	18.125	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	13429	15.921	ug/l		98
82) 4-Chlorotoluene	11.433	91	126573	18.326	ug/l		100
83) tert-Butylbenzene	11.695	119	123940	18.245	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	120748	17.948	ug/l		99
85) sec-Butylbenzene	11.872	105	149418	18.518	ug/l		99
86) p-Isopropyltoluene	11.988	119	126965	18.586	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	69090	18.698	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	70133	18.493	ug/l		99
89) n-Butylbenzene	12.311	91	113886	18.017	ug/l		98
90) Hexachloroethane	12.518	117	23096	19.257	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	66892	19.002	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	7800	15.765	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	40263	17.599	ug/l		99
94) Hexachlorobutadiene	13.707	225	14821	19.072	ug/l		97
95) Naphthalene	13.756	128	111889	16.061	ug/l		99
96) 1,2,3-Trichlorobenzene	13.945	180	37893	17.805	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048080.D
Acq On : 09 Oct 2025 12:58
Operator : JC/MD
Sample : VX1009WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 10 01:21:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
Data File : VX048080.D
Acq On : 09 Oct 2025 12:58
Operator : JC/MD
Sample : VX1009WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 10 01:21:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations APPROVED

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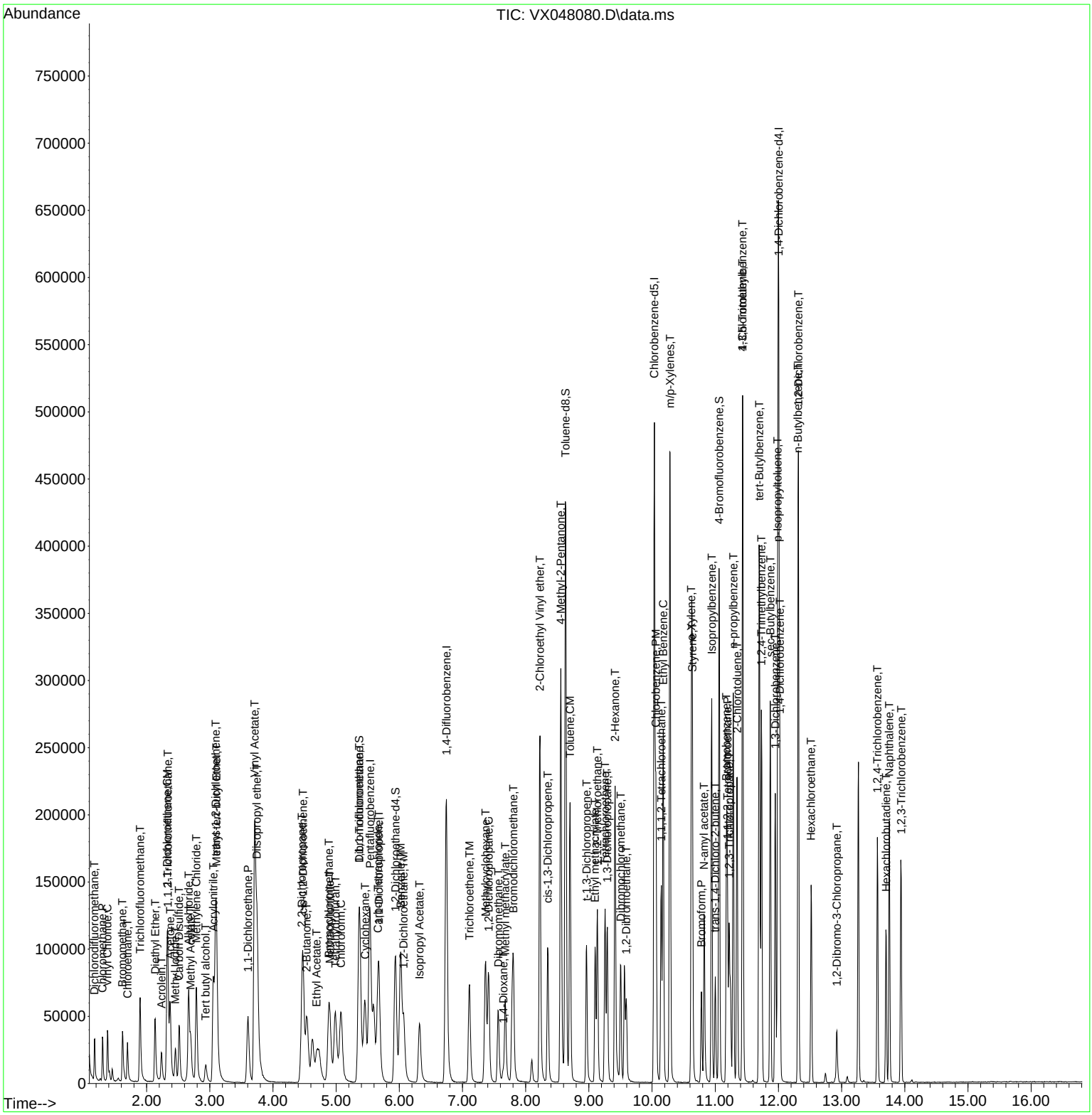
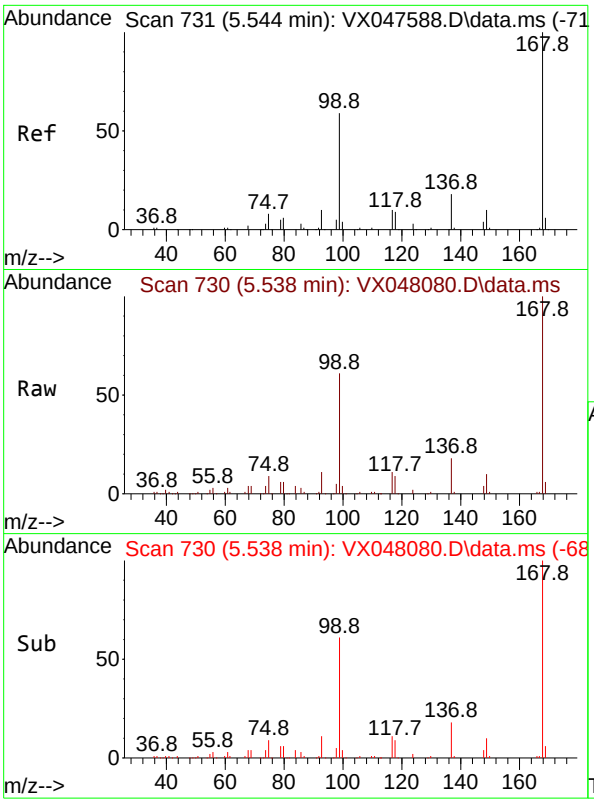
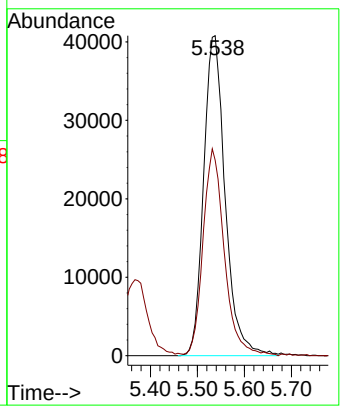




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:168 Resp: 12971

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2025
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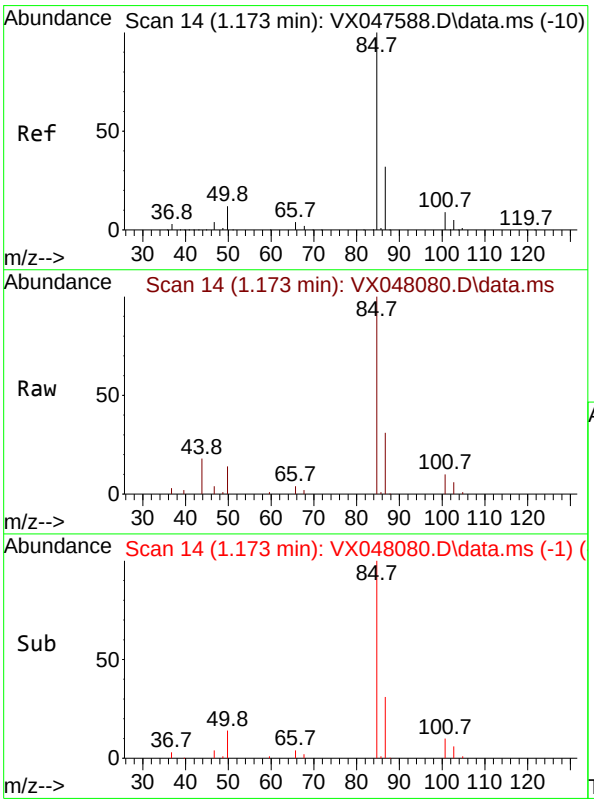
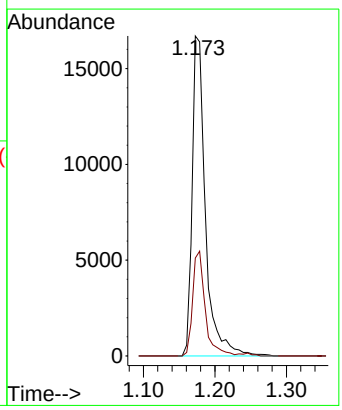
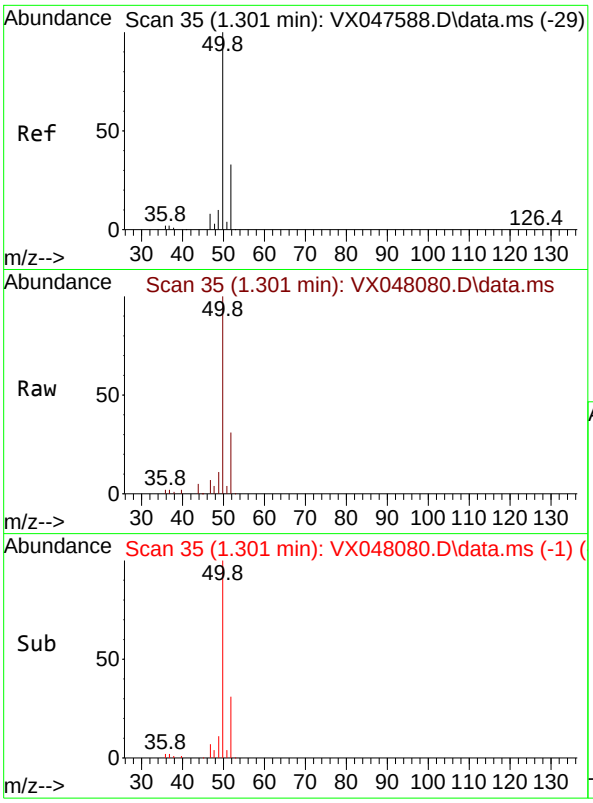


#2
Dichlorodifluoromethane
Concen: 16.069 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 85 Resp: 21584

Ion	Ratio	Lower	Upper
85	100		
87	30.6	15.8	47.3

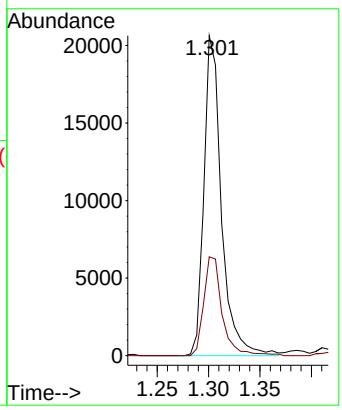




#3
Chloromethane
Concen: 13.905 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 50 Resp: 2454

Ion	Ratio	Lower	Upper
50	100		
52	30.9	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/10/2025
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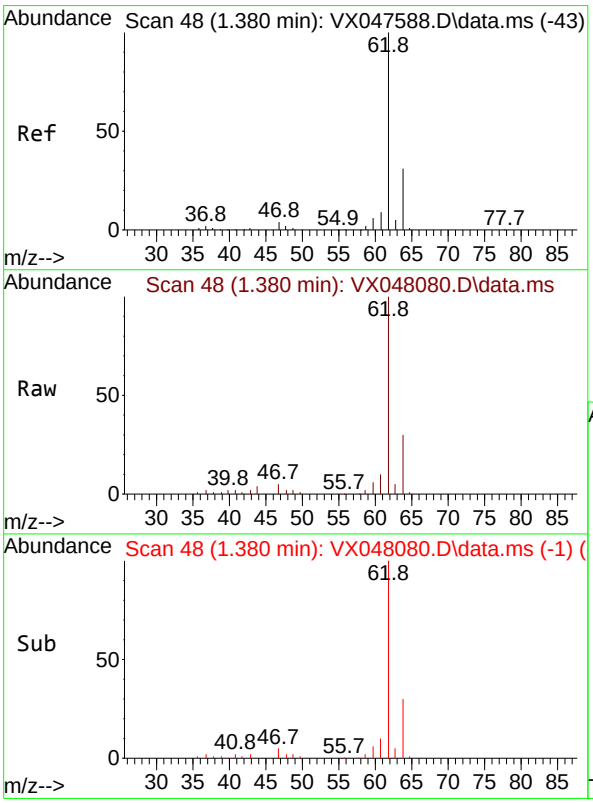
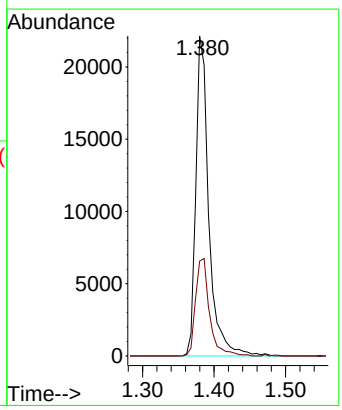
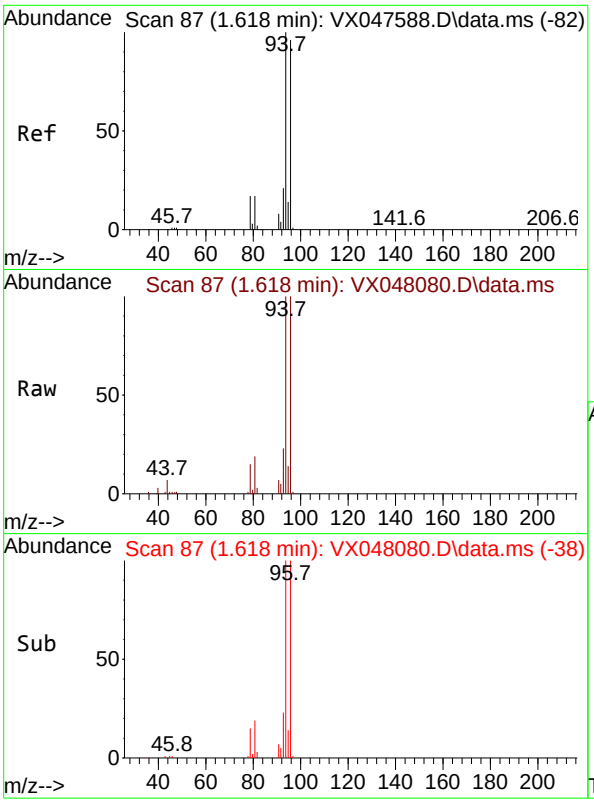


#4
Vinyl Chloride
Concen: 16.120 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 62 Resp: 27856

Ion	Ratio	Lower	Upper
62	100		
64	29.6	24.9	37.3

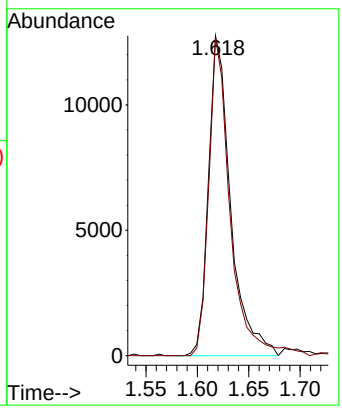




#5
Bromomethane
Concen: 17.473 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 94 Resp: 1914

Ion	Ratio	Lower	Upper
94	100		
96	99.6	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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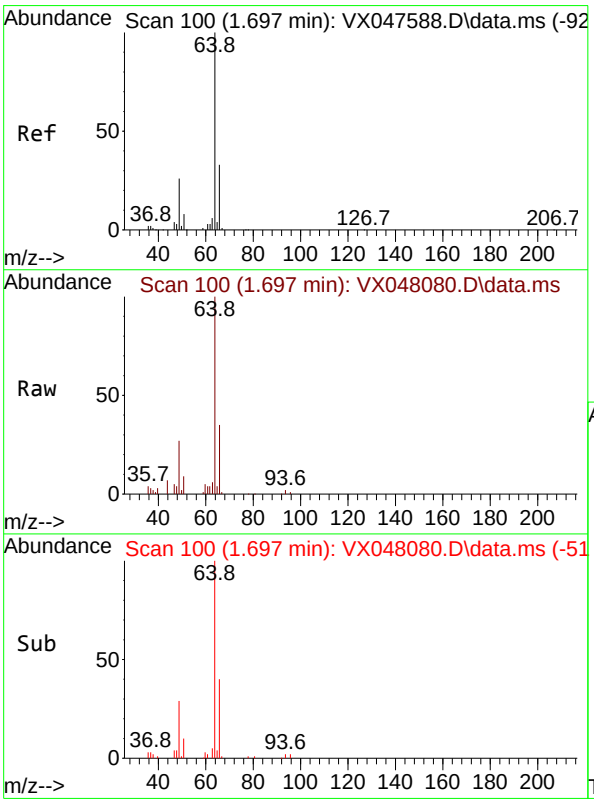
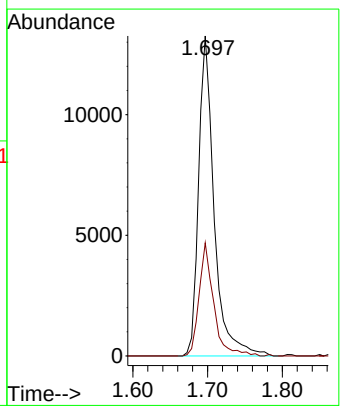
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

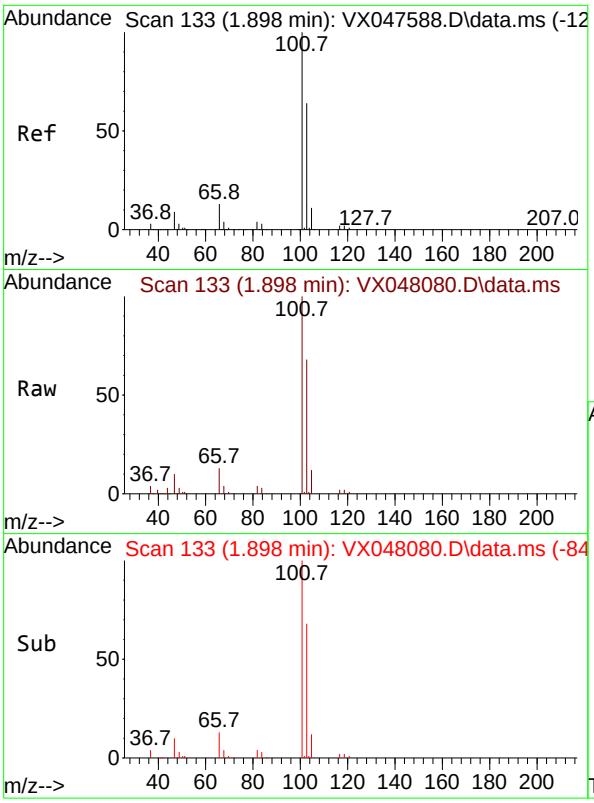


#6
Chloroethane
Concen: 16.515 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 64 Resp: 19074

Ion	Ratio	Lower	Upper
64	100		
66	35.4	26.1	39.1





#7
Trichlorofluoromethane
Concen: 18.235 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:101 Resp: 4678

Ion	Ratio	Lower	Upper
101	100		
103	67.6	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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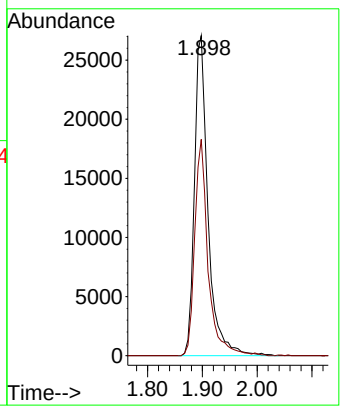
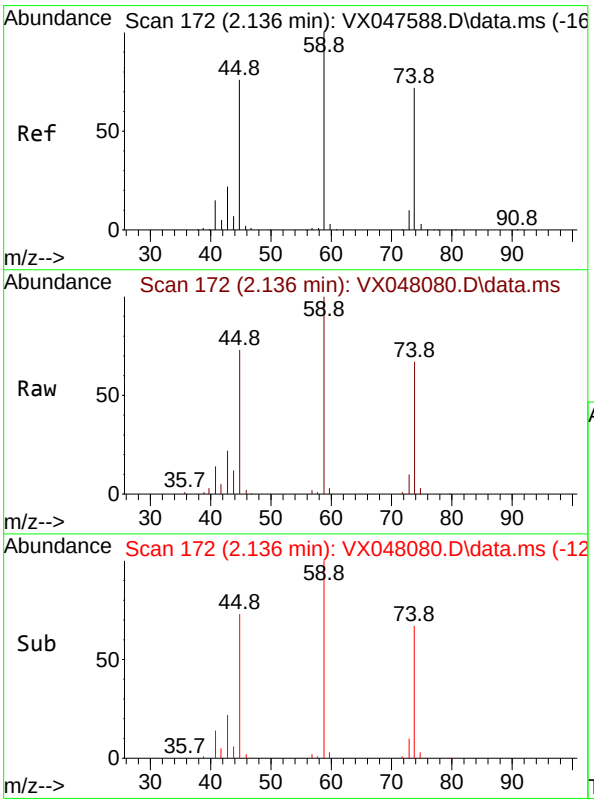
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

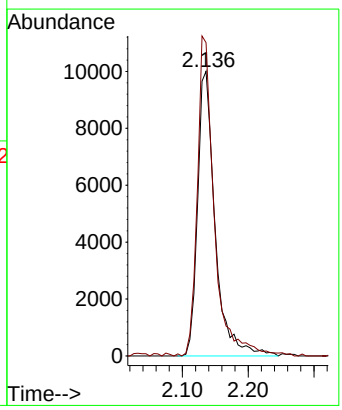


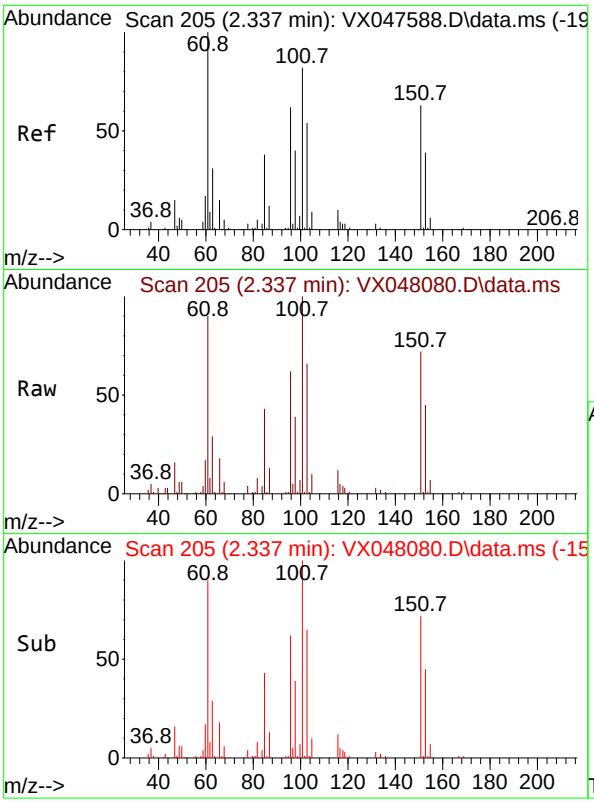


#8
Diethyl Ether
Concen: 17.611 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 74 Resp: 18485

Ion	Ratio	Lower	Upper
74	100		
45	109.1	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.776 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:101 Resp: 2817

Ion	Ratio	Lower	Upper
101	100		
85	46.4	35.5	53.3
151	74.7	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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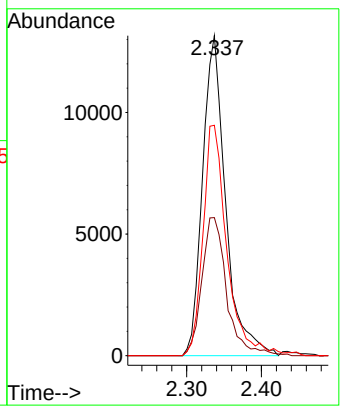
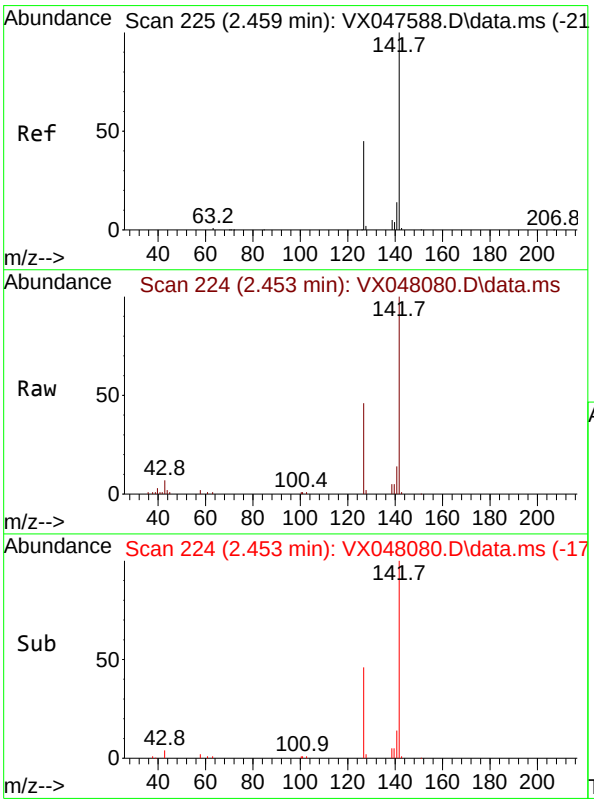
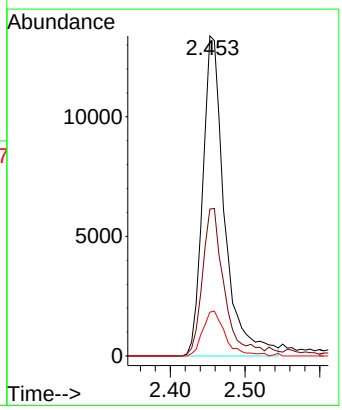


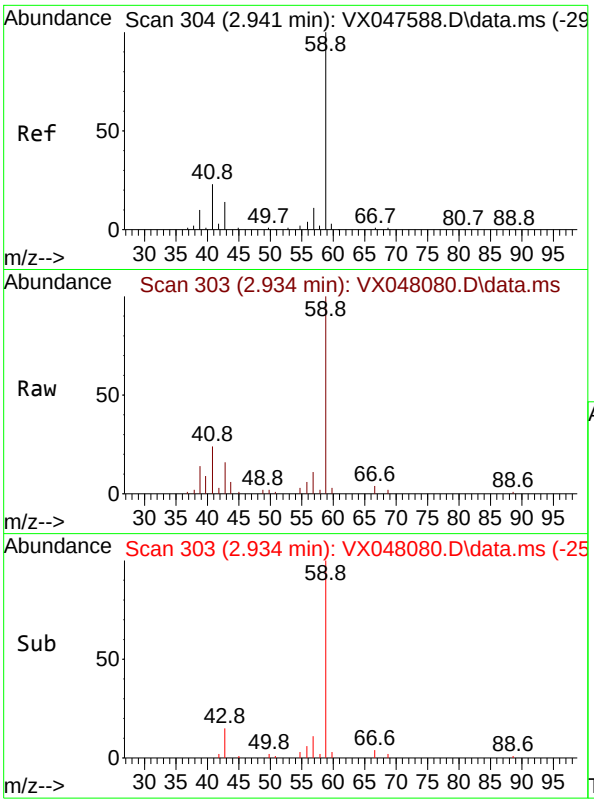


#10
Methyl Iodide
Concen: 11.606 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:142 Resp: 27157

Ion	Ratio	Lower	Upper
142	100		
127	46.2	37.2	55.8
141	14.6	11.4	17.0

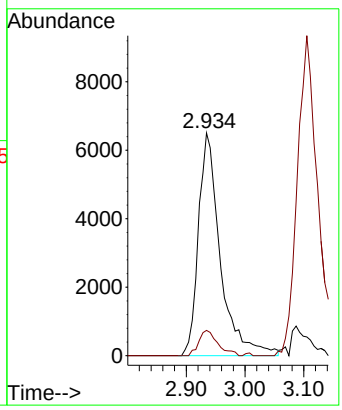




#11
Tert butyl alcohol
Concen: 73.258 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 59 Resp: 1684

Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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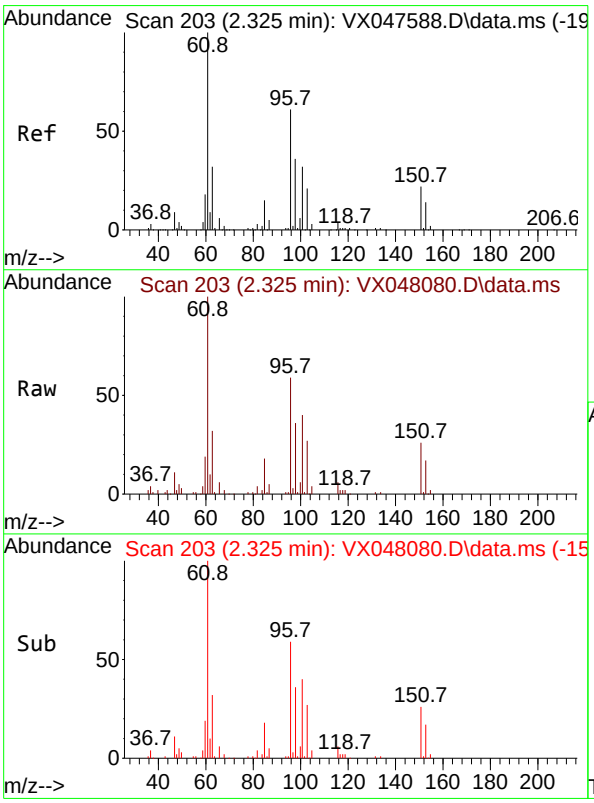
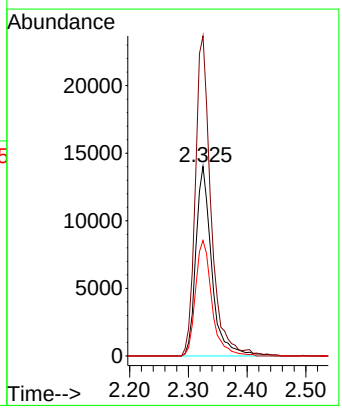
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

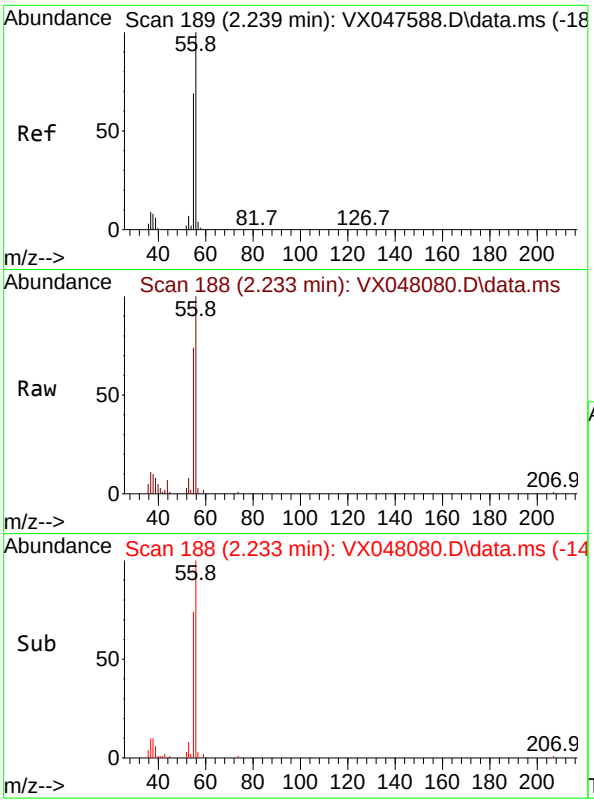


#12
1,1-Dichloroethene
Concen: 17.072 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 96 Resp: 26311

Ion	Ratio	Lower	Upper
96	100		
61	168.8	131.0	196.6
98	60.9	47.7	71.5

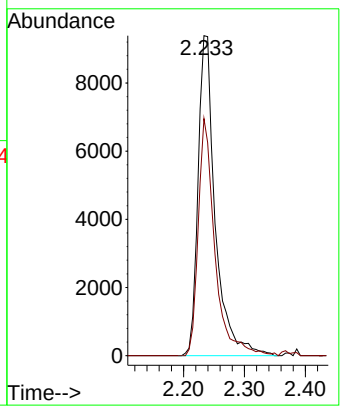




#13
Acrolein
Concen: 86.840 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 56 Resp: 1840

Ion	Ratio	Lower	Upper
56	100		
55	71.8	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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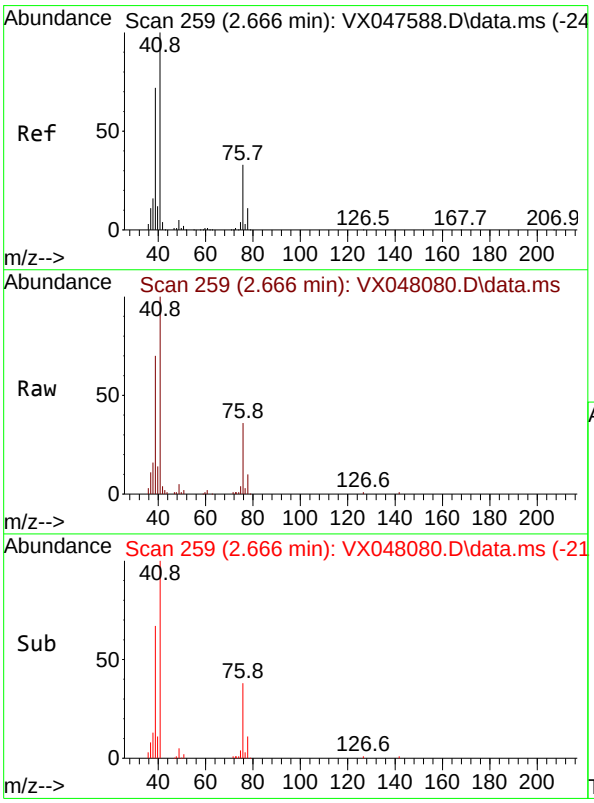
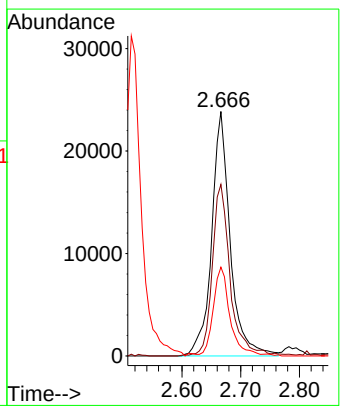
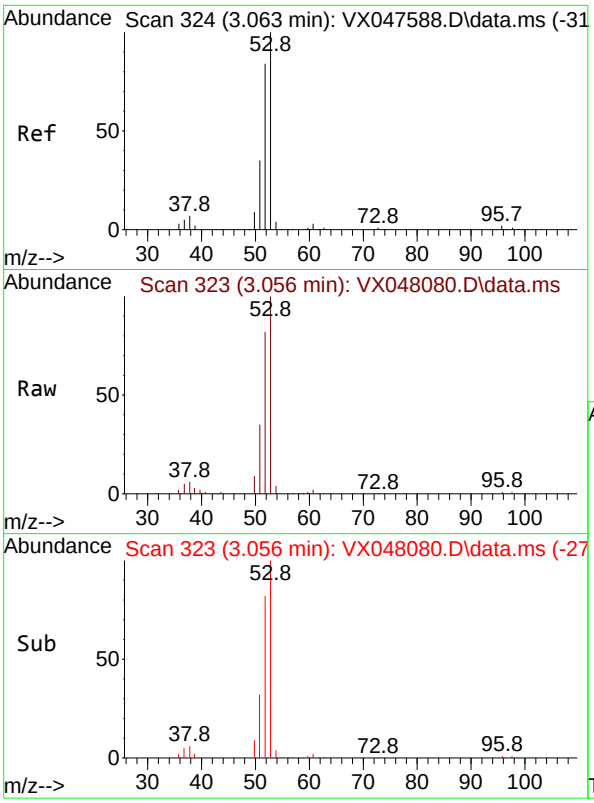


#14
Allyl chloride
Concen: 16.481 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 41 Resp: 52414

Ion	Ratio	Lower	Upper
41	100		
39	68.1	54.7	82.1
76	32.8	25.7	38.5

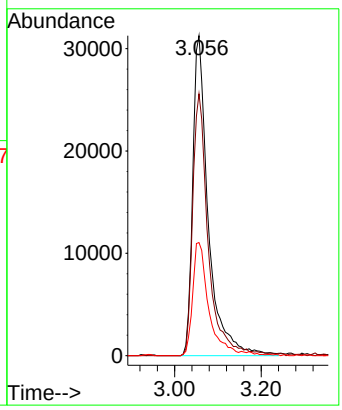




#15
Acrylonitrile
Concen: 91.676 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 53 Resp: 7808

Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.4	99.6
51	36.2	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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Reviewed By :John Carlone 10/10/2025
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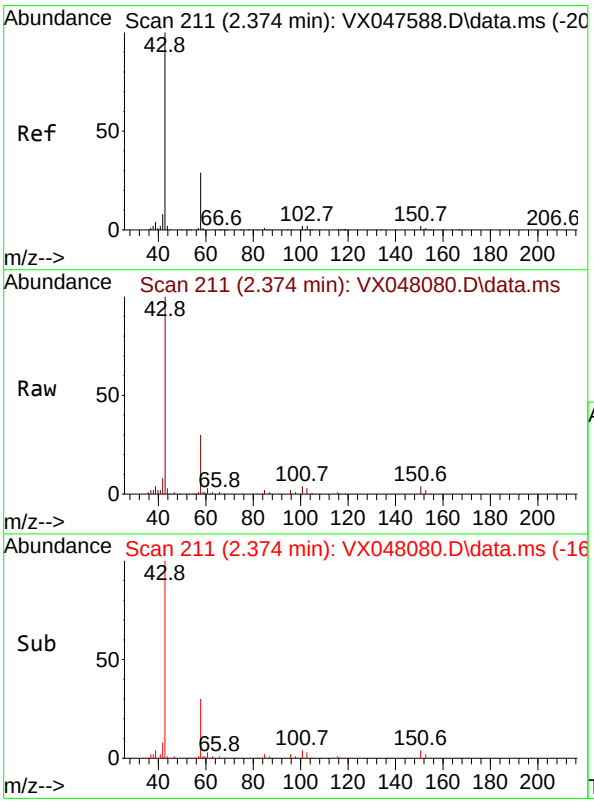
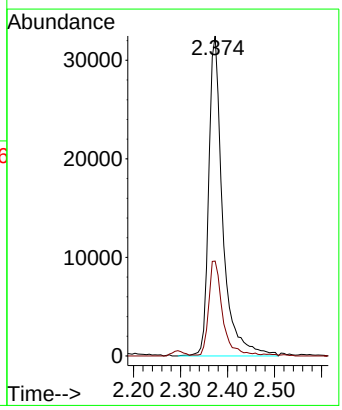
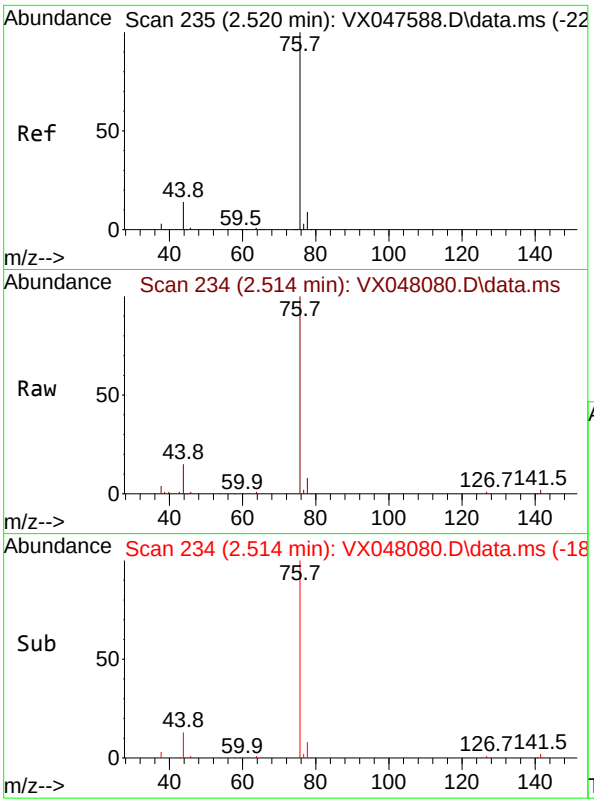


#16
Acetone
Concen: 74.611 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 43 Resp: 66982

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0





#17
Carbon Disulfide
Concen: 13.816 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 76 Resp: 5829

Ion	Ratio	Lower	Upper
76	100		
78	8.2	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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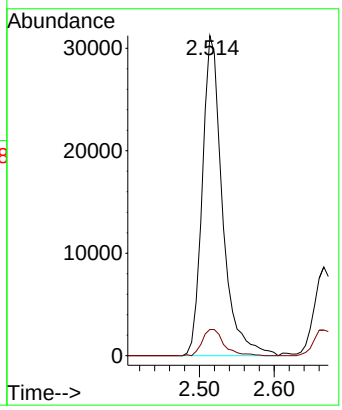
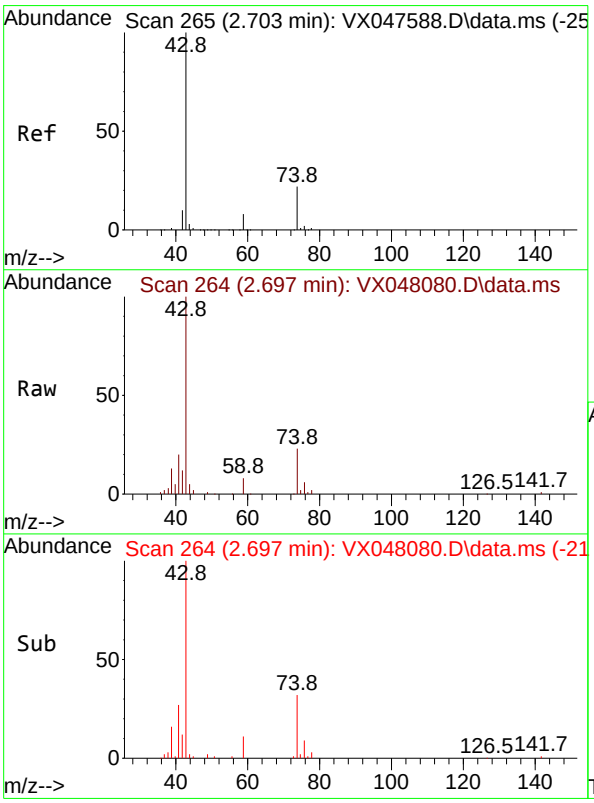
Supervised By :Mahesh Dadoda 10/10/2025

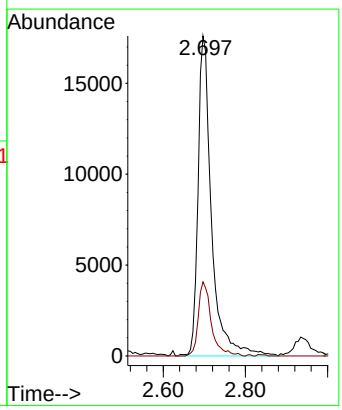


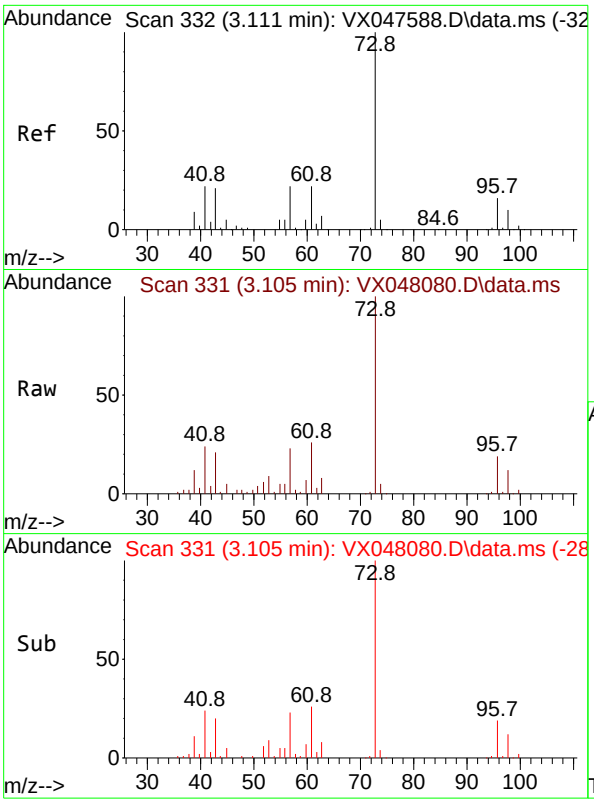


#18
Methyl Acetate
Concen: 20.032 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 43 Resp: 40023

Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.4	26.2

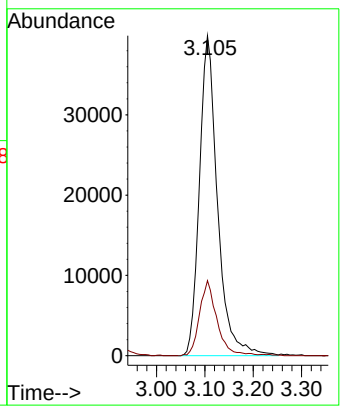




#19
Methyl tert-butyl Ether
Concen: 18.388 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 73 Resp: 10344

Ion	Ratio	Lower	Upper
73	100		
57	23.4	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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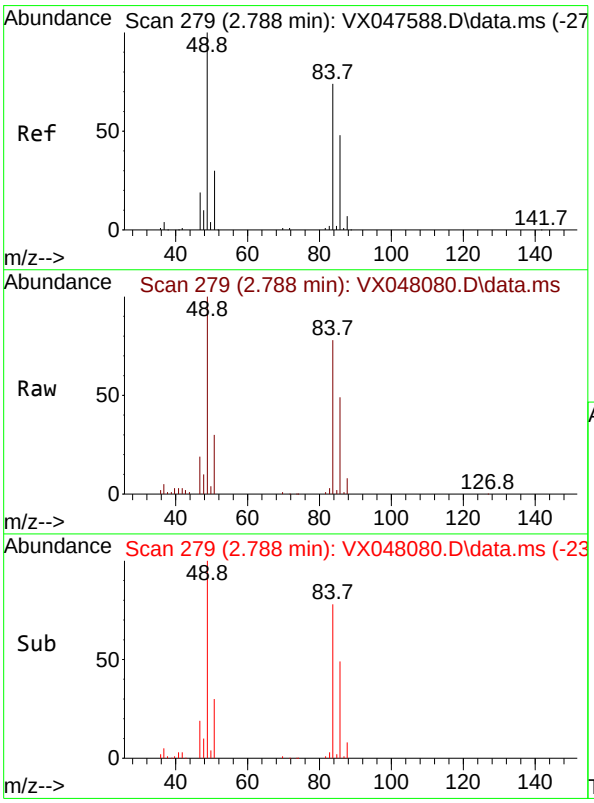
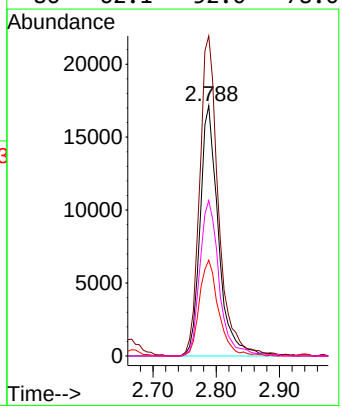
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

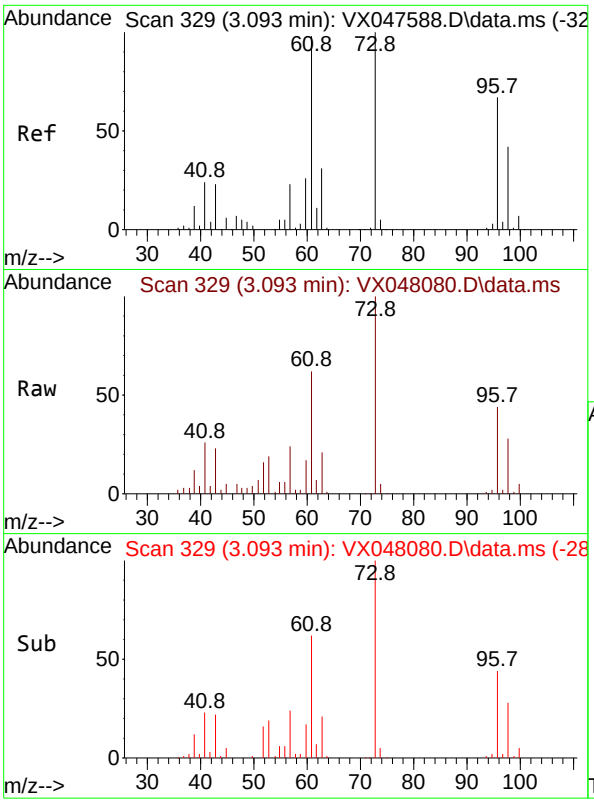


#20
Methylene Chloride
Concen: 18.205 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 84 Resp: 34595

Ion	Ratio	Lower	Upper
84	100		
49	127.9	108.6	162.8
51	38.3	32.6	48.8
86	62.1	52.0	78.0

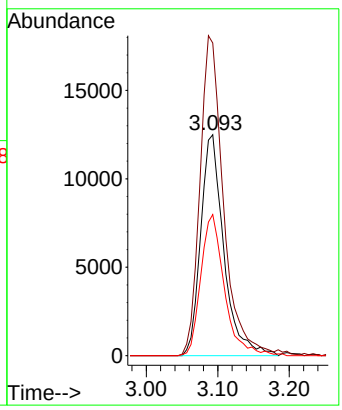




#21
trans-1,2-Dichloroethene
Concen: 16.906 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 96 Resp: 2805

Ion	Ratio	Lower	Upper
96	100		
61	141.5	116.2	174.2
98	63.9	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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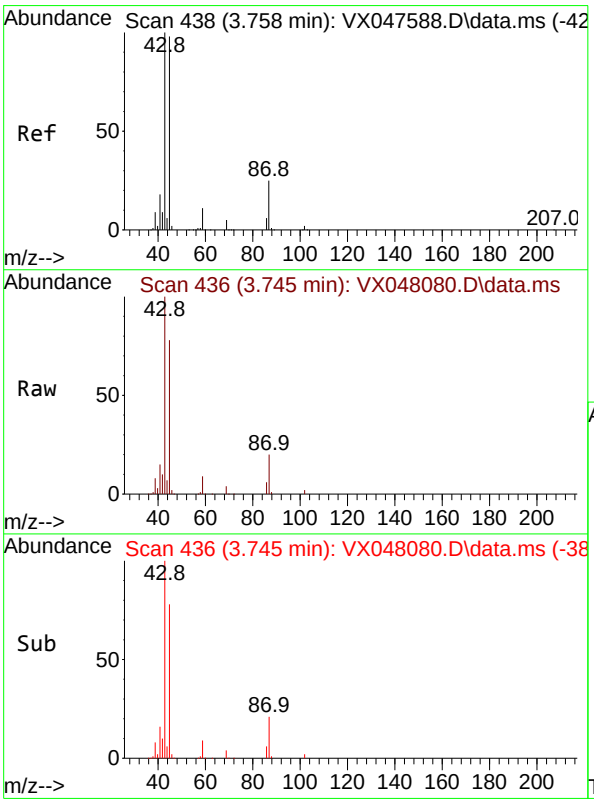
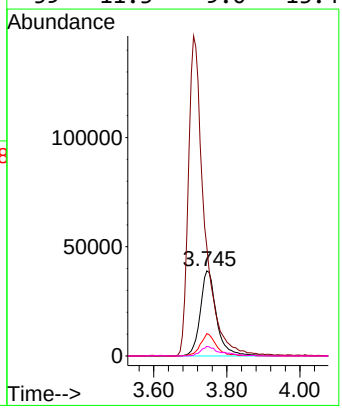
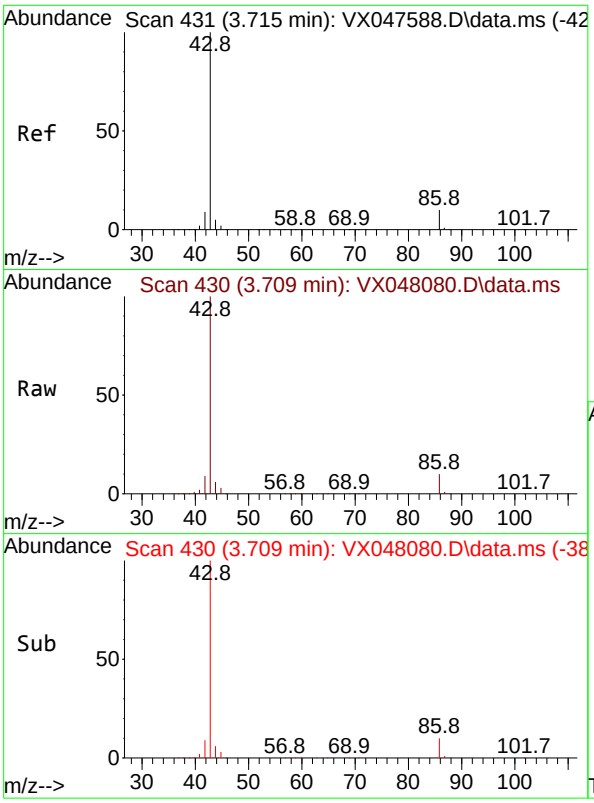


#22
Diisopropyl ether
Concen: 19.559 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 45 Resp: 120547

Ion	Ratio	Lower	Upper
45	100		
43	126.5	81.0	121.4#
87	26.2	20.3	30.5
59	11.3	9.0	13.4





#23
Vinyl Acetate
Concen: 90.250 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 43 Resp: 44518

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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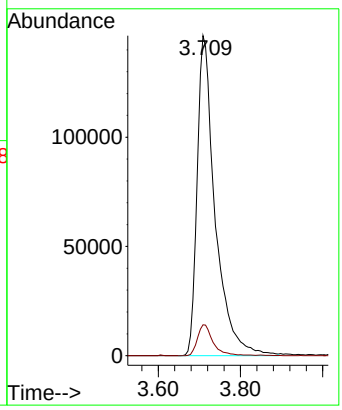
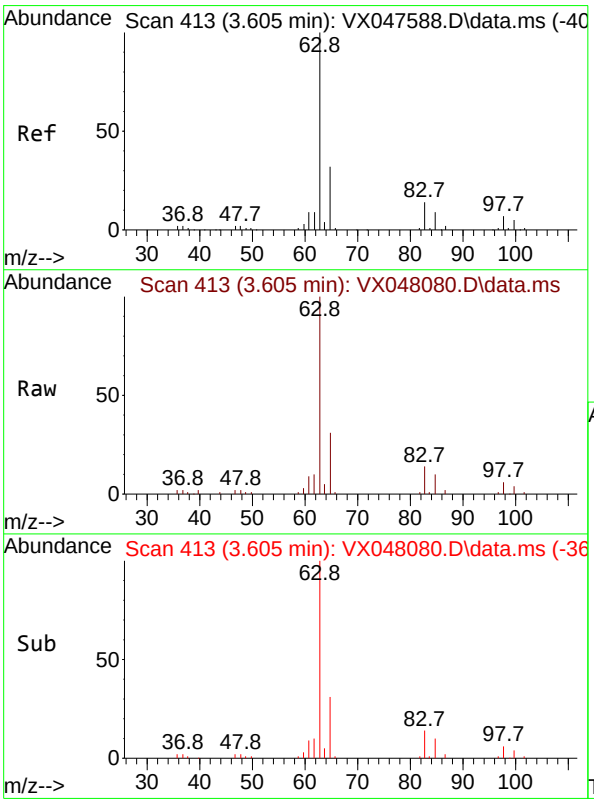
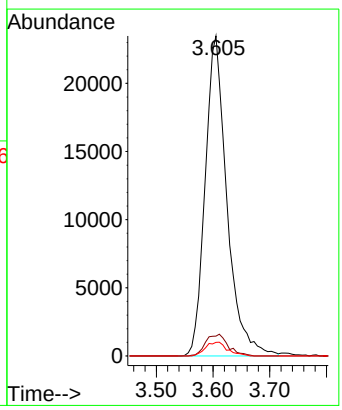


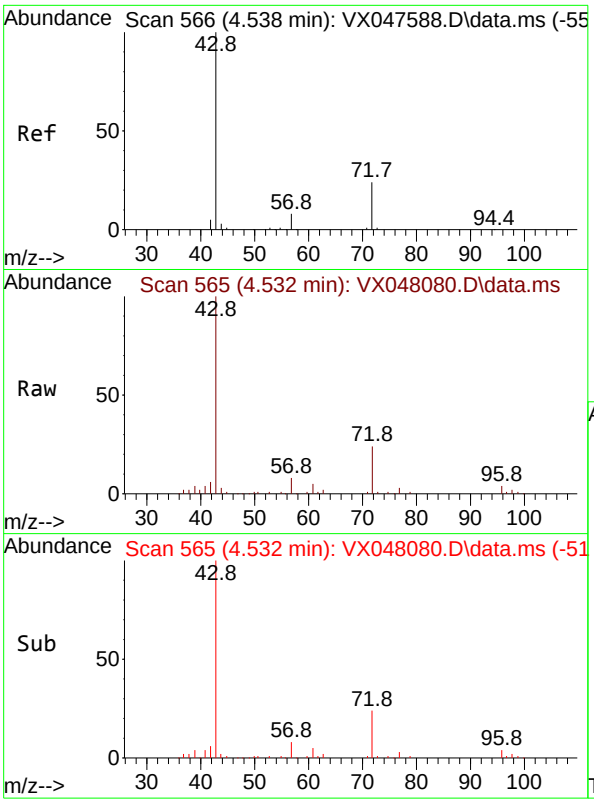


#24
1,1-Dichloroethane
Concen: 19.118 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 63 Resp: 62629

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.2
100	4.2	2.3	6.9





#25
2-Butanone
Concen: 81.351 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 43 Resp: 9109

Ion	Ratio	Lower	Upper
43	100		
72	23.0	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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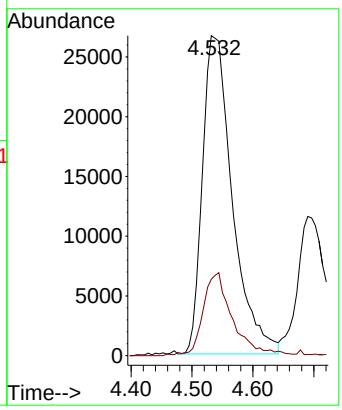
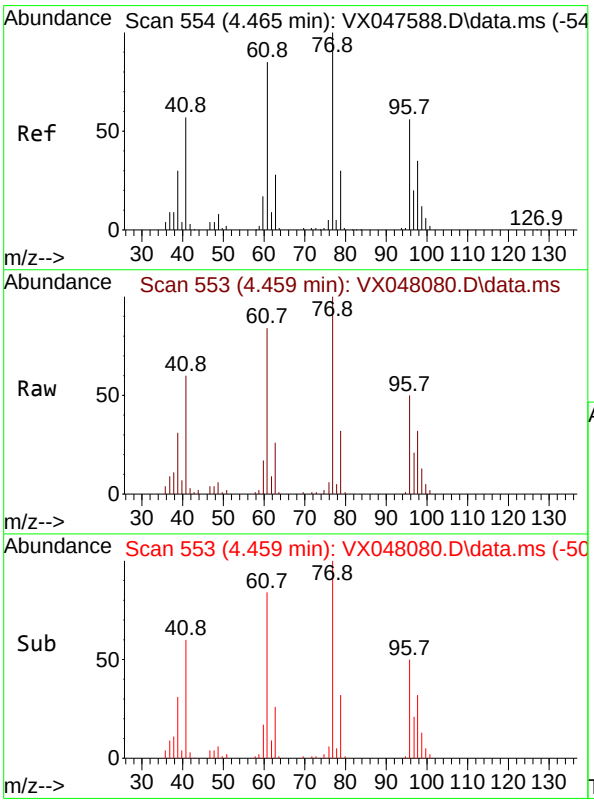
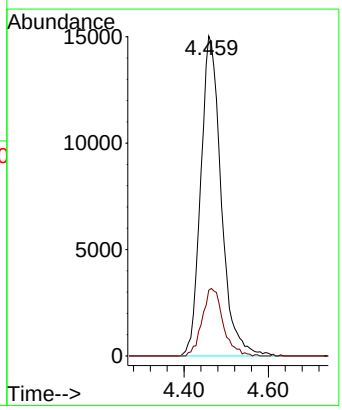


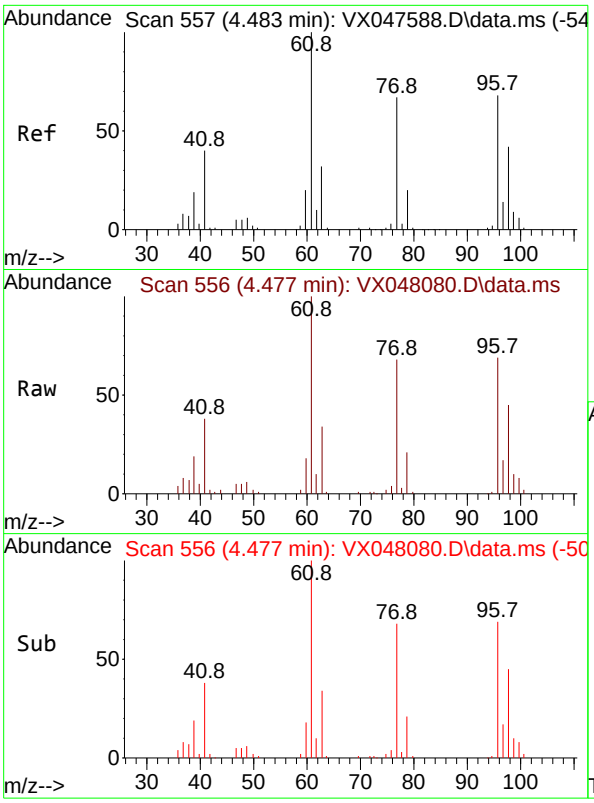


#26
2,2-Dichloropropane
Concen: 18.626 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 77 Resp: 50719

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.9	32.7

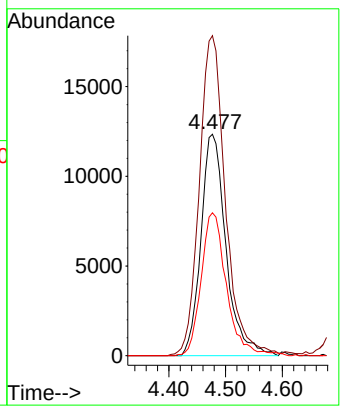




#27
cis-1,2-Dichloroethene
Concen: 18.626 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 96 Resp: 3784

Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	303.2
98	65.4	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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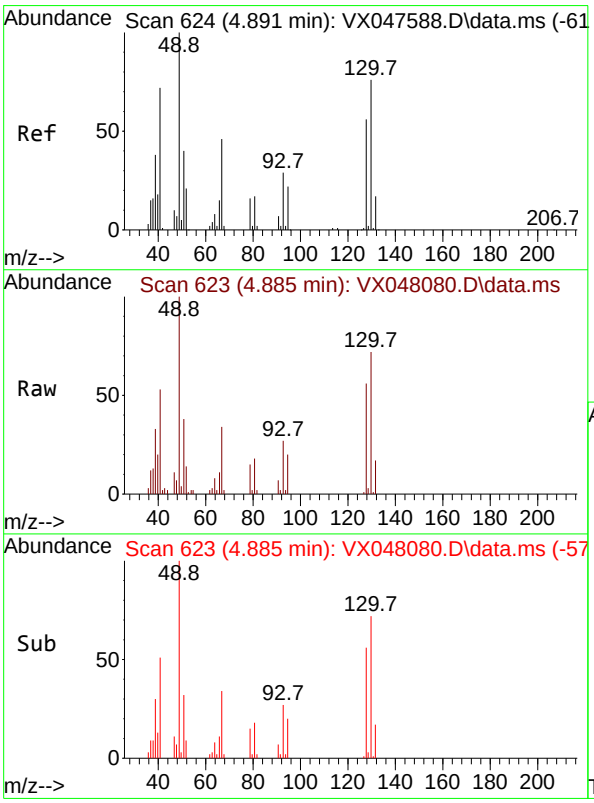
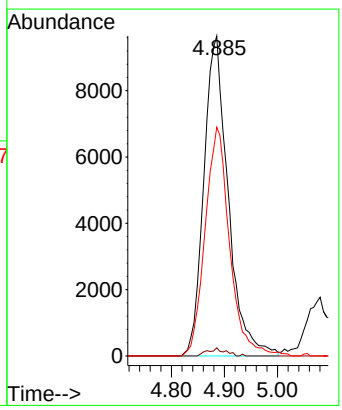
Supervised By :Mahesh Dadoda 10/10/2025

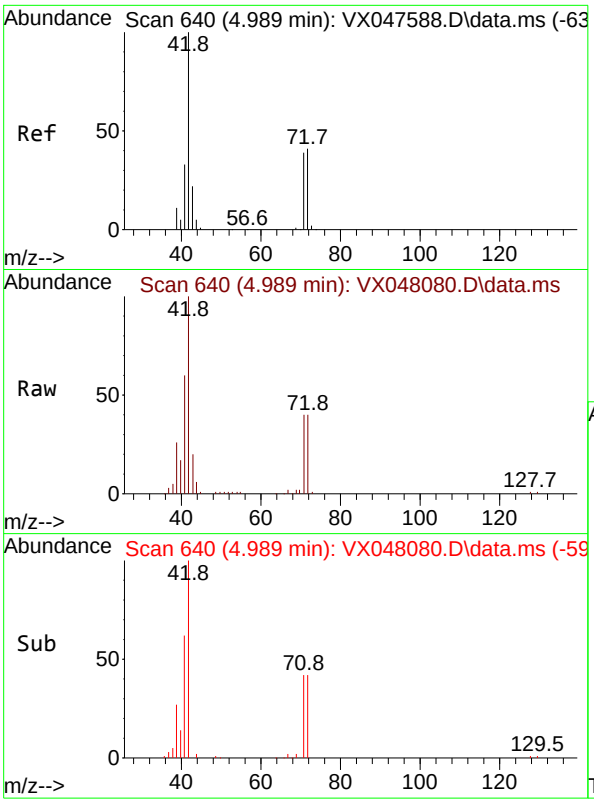


#28
Bromochloromethane
Concen: 21.479 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 49 Resp: 30718

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	72.2	57.8	86.8





#29
Tetrahydrofuran
Concen: 79.354 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 42 Resp: 5345

Ion	Ratio	Lower	Upper
42	100		
72	45.0	34.2	51.2
71	41.0	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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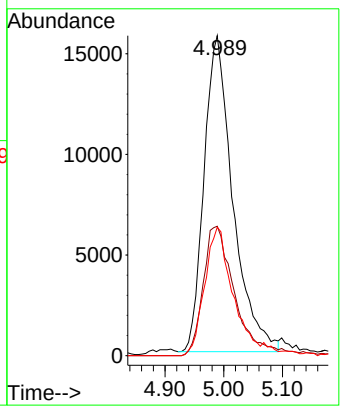
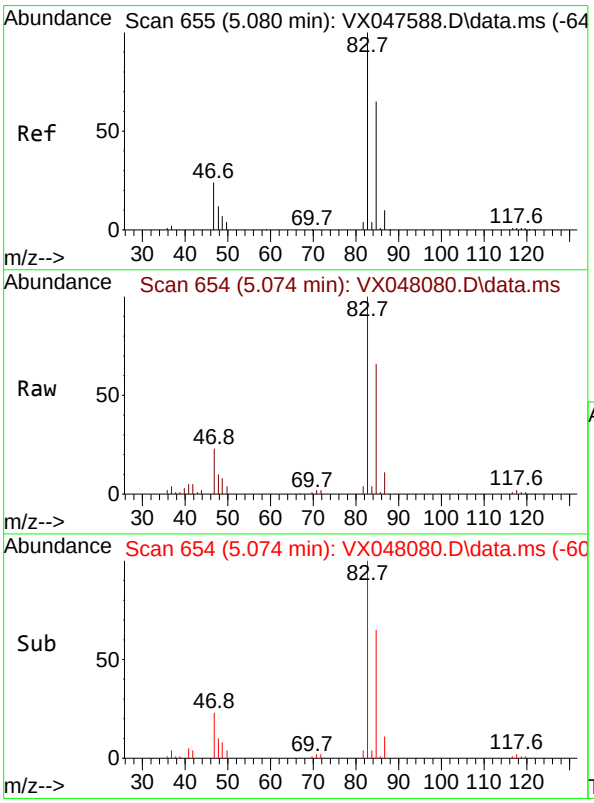
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

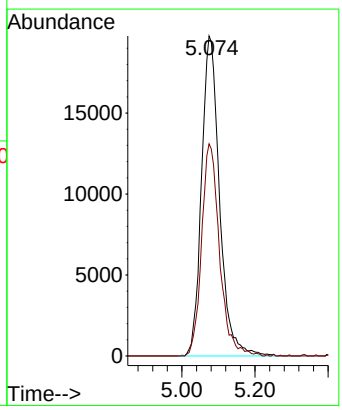


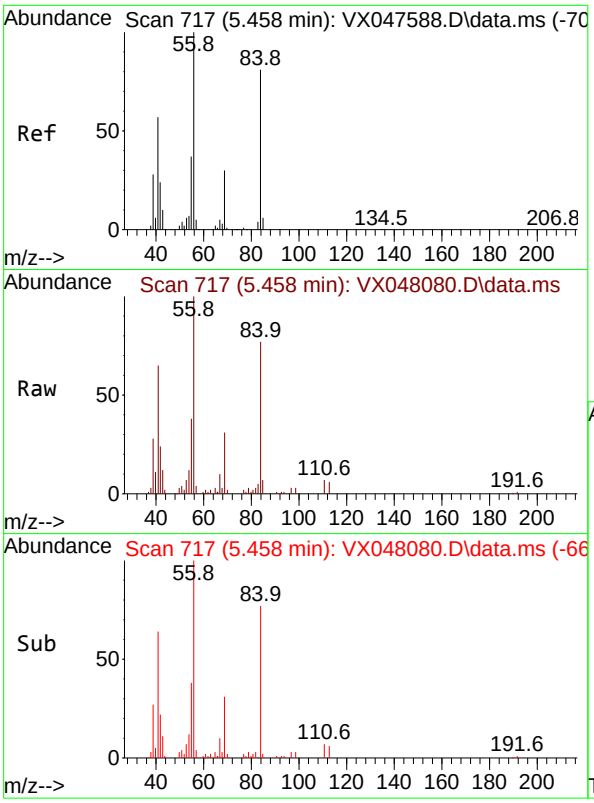


#30
Chloroform
Concen: 20.340 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 83 Resp: 67333

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.8	77.6

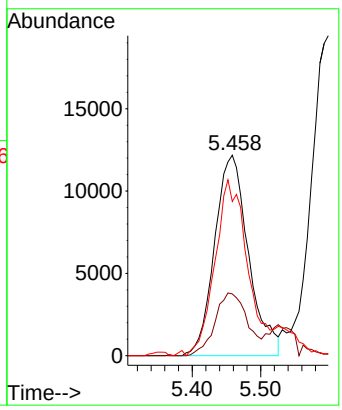




#31
Cyclohexane
Concen: 15.328 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 56 Resp: 4182

Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.8	35.8
84	75.6	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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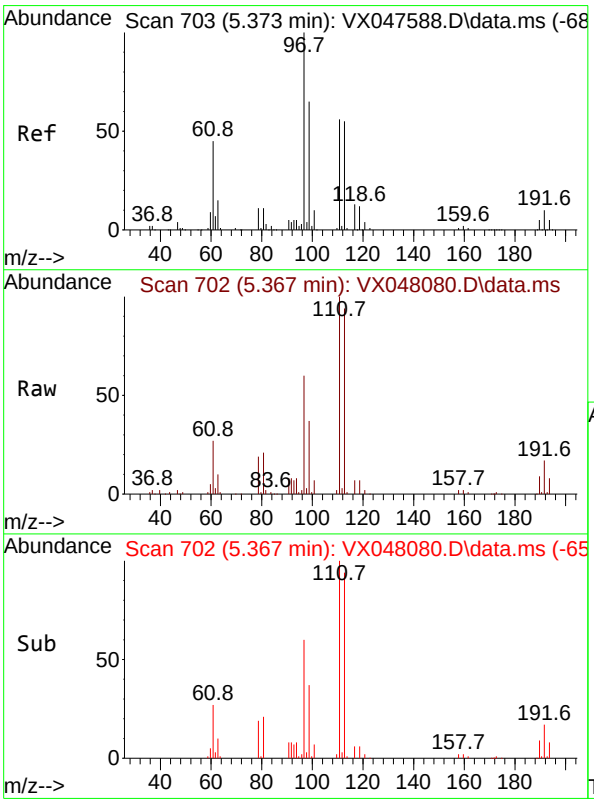
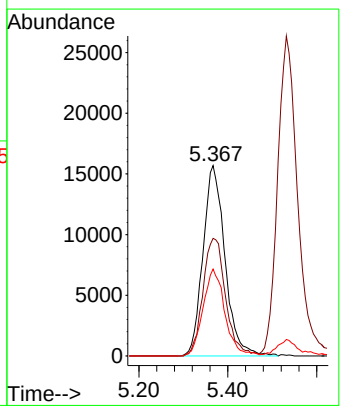
Supervised By :Mahesh Dadoda 10/10/2025

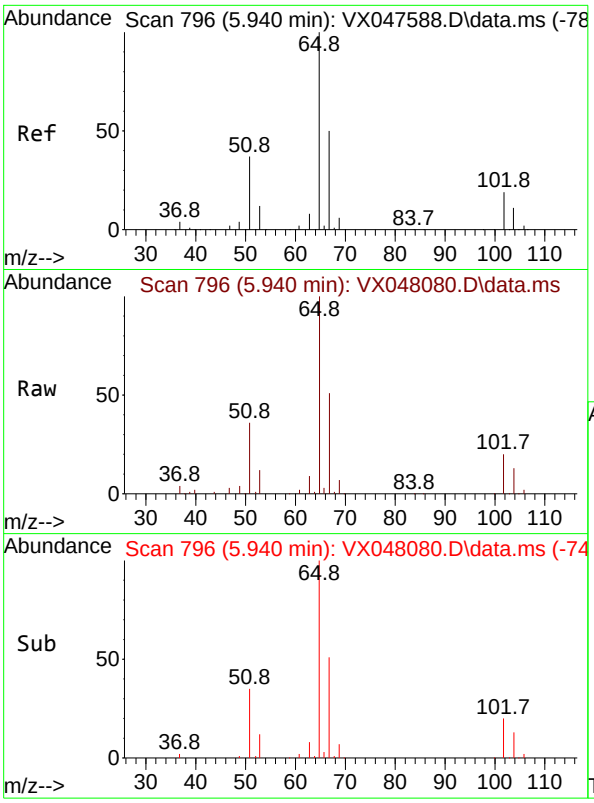


#32
1,1,1-Trichloroethane
Concen: 19.223 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 97 Resp: 53977

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	76.0
61	45.3	35.8	53.8

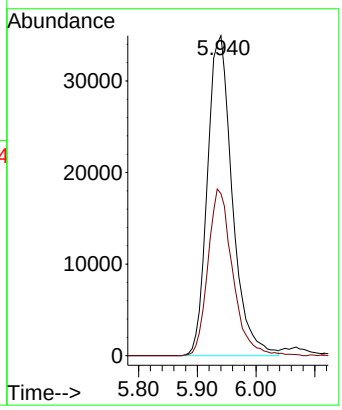




#33
1,2-Dichloroethane-d4
Concen: 49.746 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 65 Resp: 10271

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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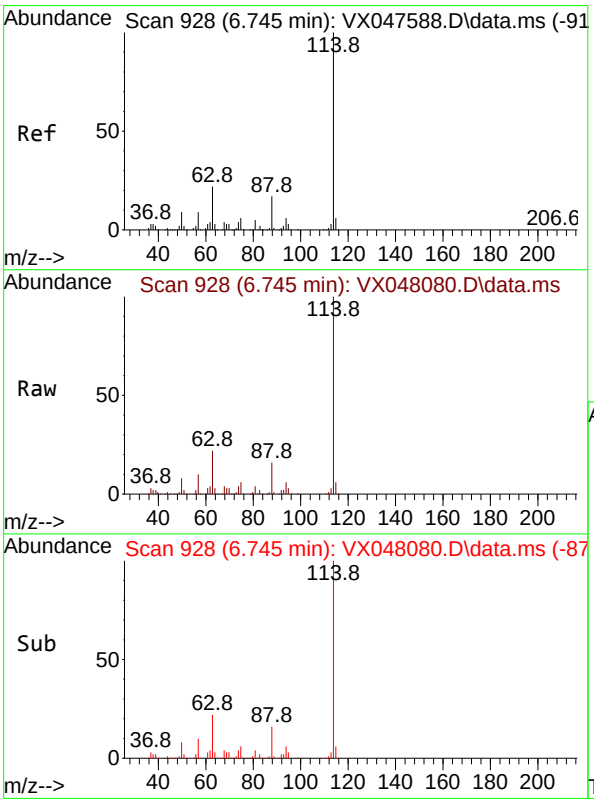
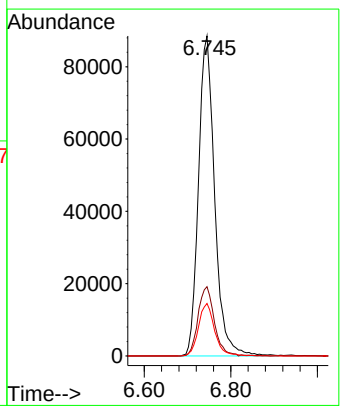
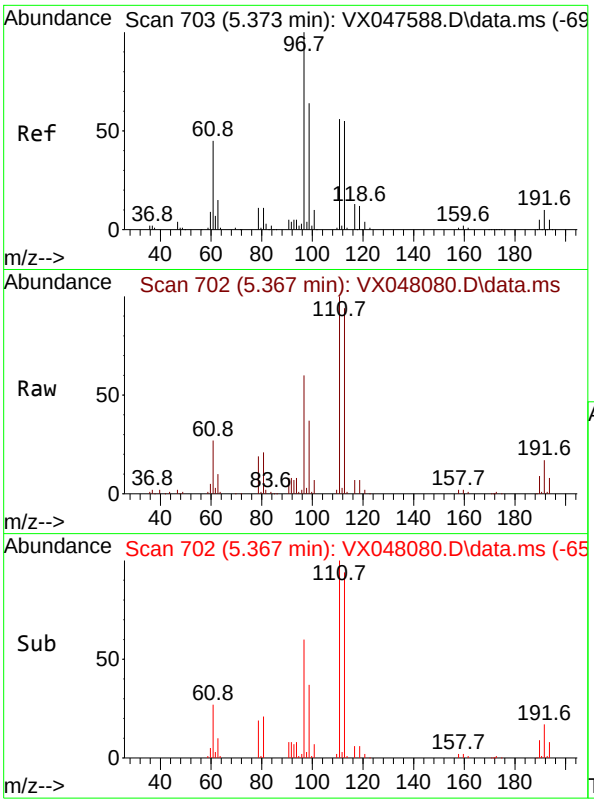


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:114 Resp: 229549

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.4	0.0	34.2

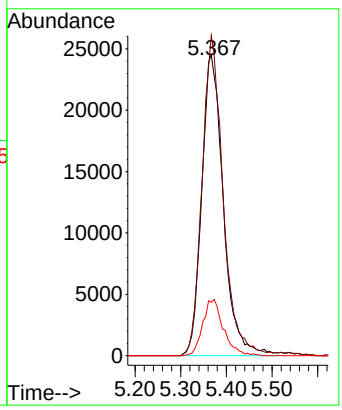




#35
Dibromofluoromethane
Concen: 52.211 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:113 Resp: 8037

Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.9	121.3
192	18.0	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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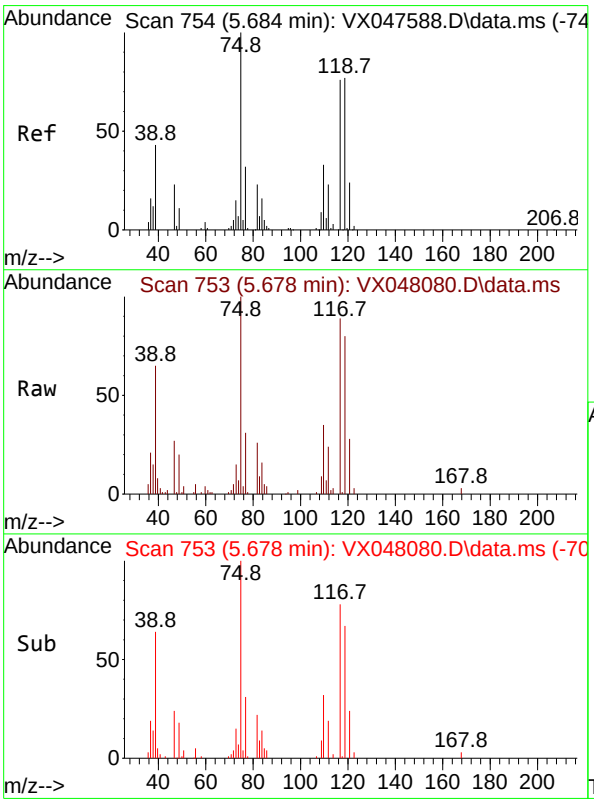
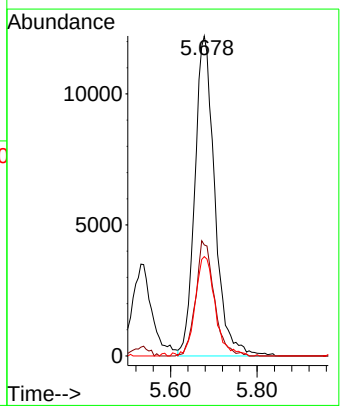
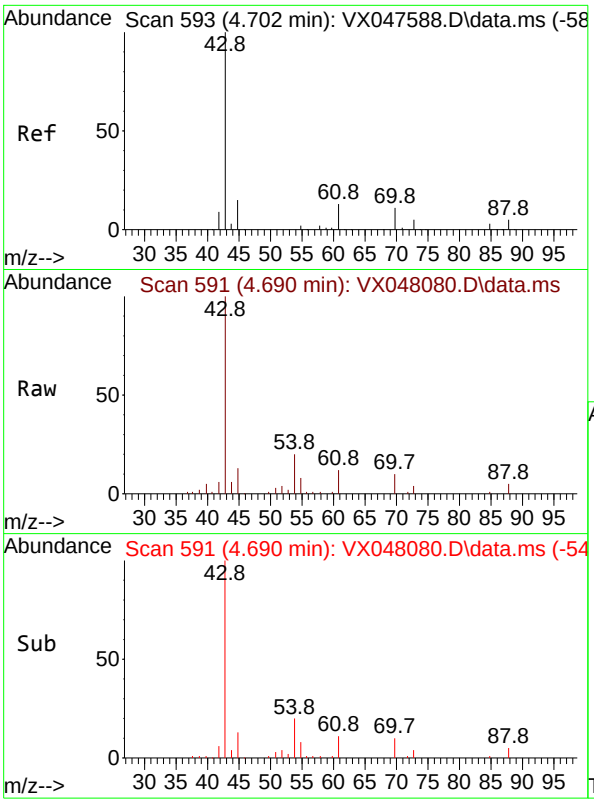


#36
1,1-Dichloropropene
Concen: 17.343 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 75 Resp: 39015

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.7	50.1
77	30.9	24.3	36.5





#37
Ethyl Acetate
Concen: 16.255 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 43 Resp: 3915

Ion	Ratio	Lower	Upper
43	100		
61	13.2	9.8	14.8
70	9.3	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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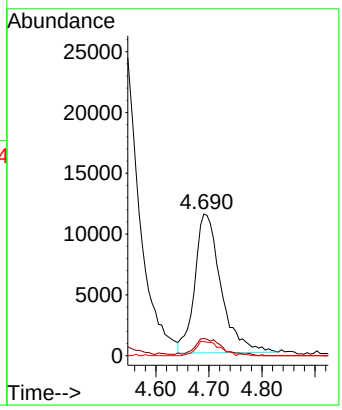
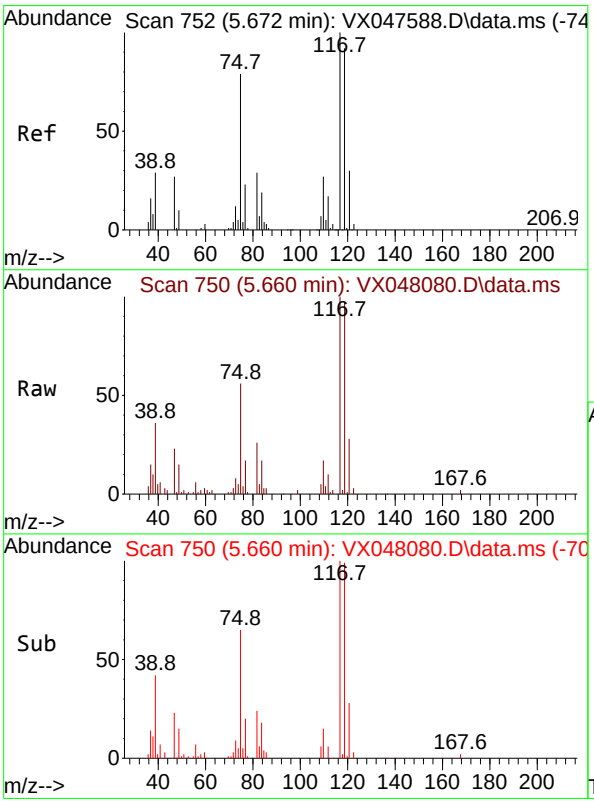
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

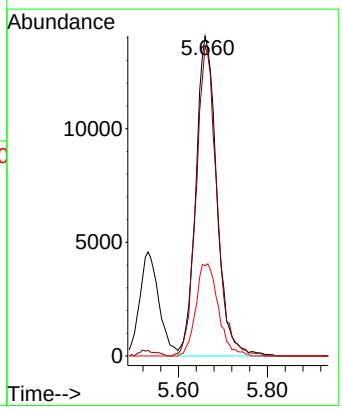


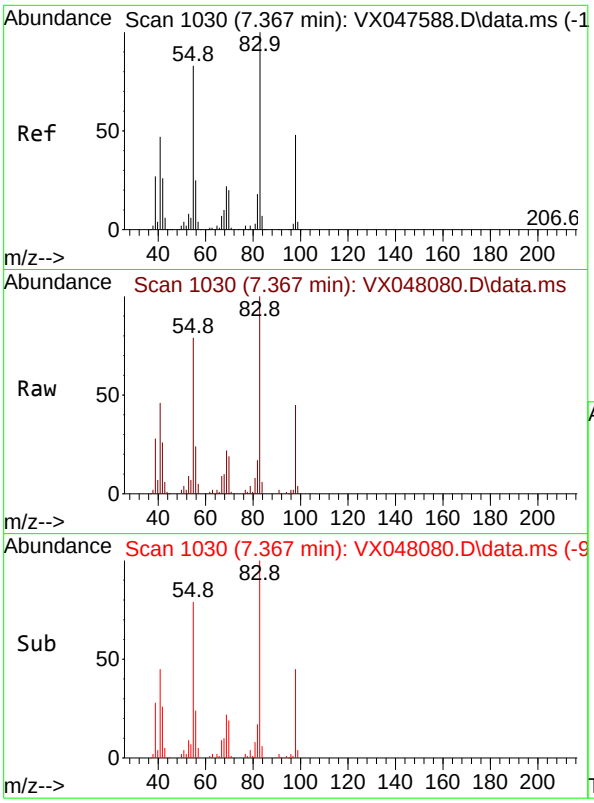


#38
Carbon Tetrachloride
Concen: 18.844 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:117 Resp: 46059

Ion	Ratio	Lower	Upper
117	100		
119	96.8	73.4	110.2
121	28.2	23.8	35.6

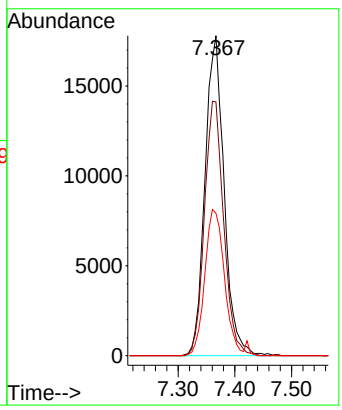




#39
Methylcyclohexane
Concen: 16.278 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 83 Resp: 4156

Ion	Ratio	Lower	Upper
83	100		
55	79.3	66.4	99.6
98	44.5	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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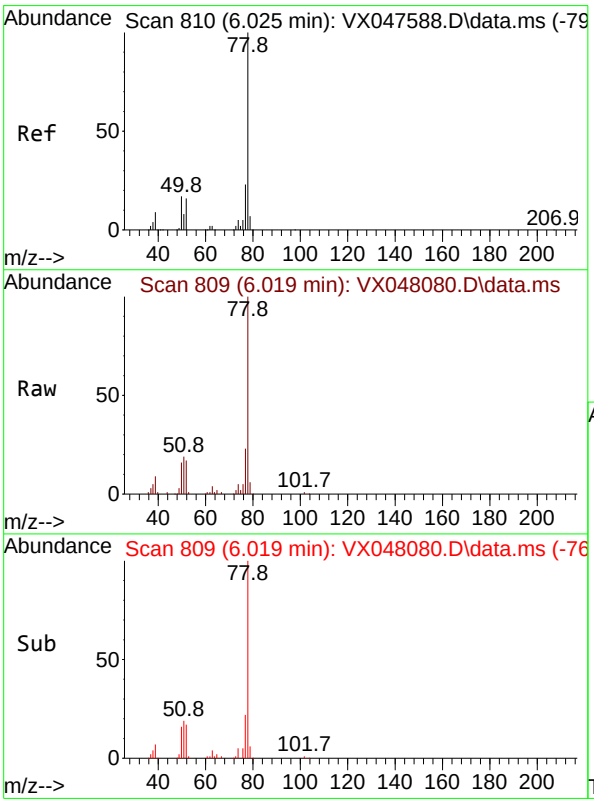
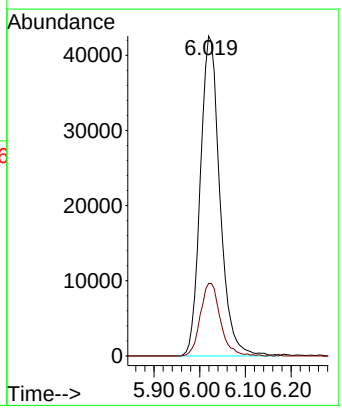
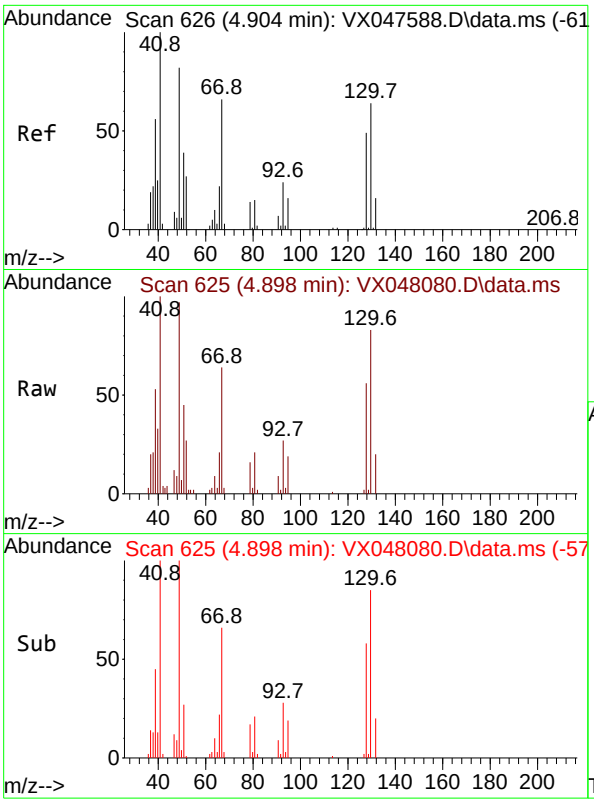


#40
Benzene
Concen: 18.472 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 78 Resp: 126209

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.8	28.2

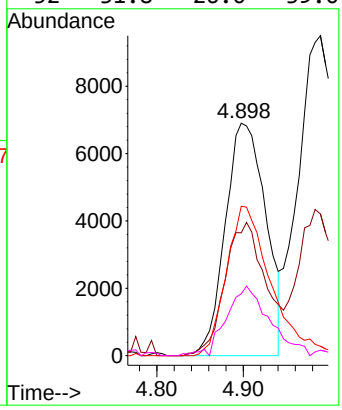




#41
Methacrylonitrile
Concen: 18.061 ug/l
RT: 4.898 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 41 Resp: 2245

Ion	Ratio	Lower	Upper
41	100		
39	58.5	43.3	64.9
67	70.4	58.6	87.8
52	31.8	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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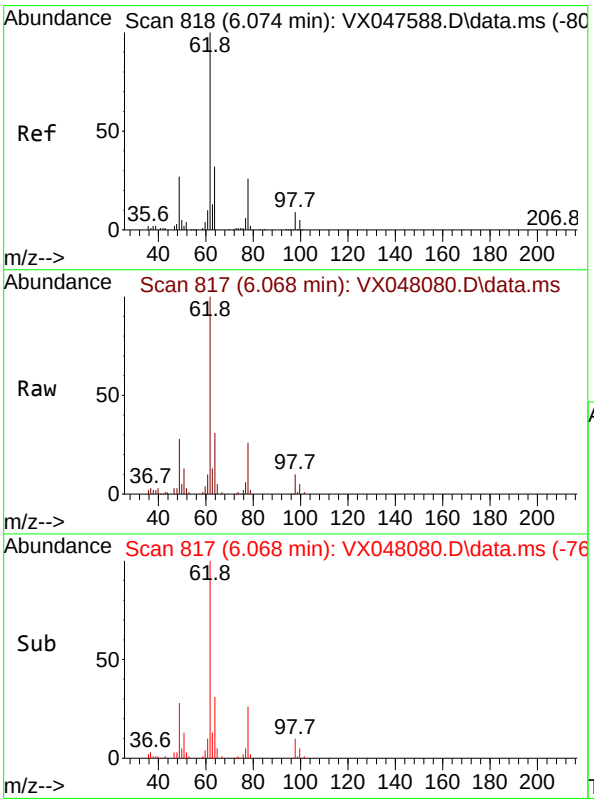
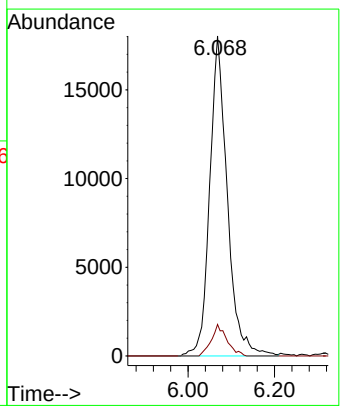
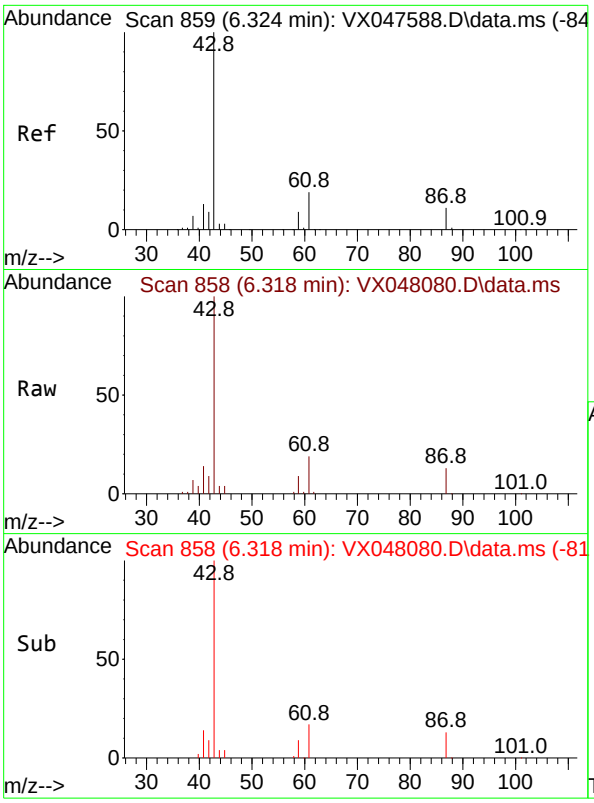


#42
1,2-Dichloroethane
Concen: 19.577 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 62 Resp: 50893

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0





#43
Isopropyl Acetate
Concen: 17.690 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 43 Resp: 6988

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.2	22.8
87	12.3	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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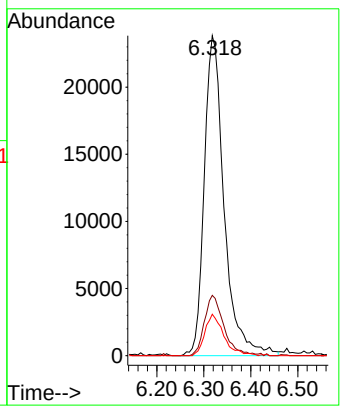
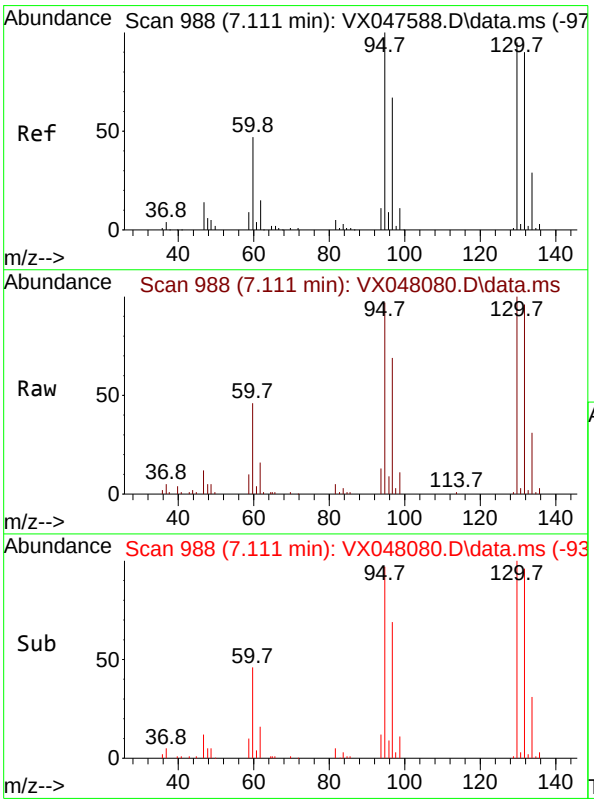
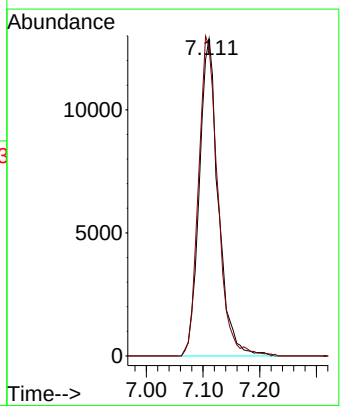


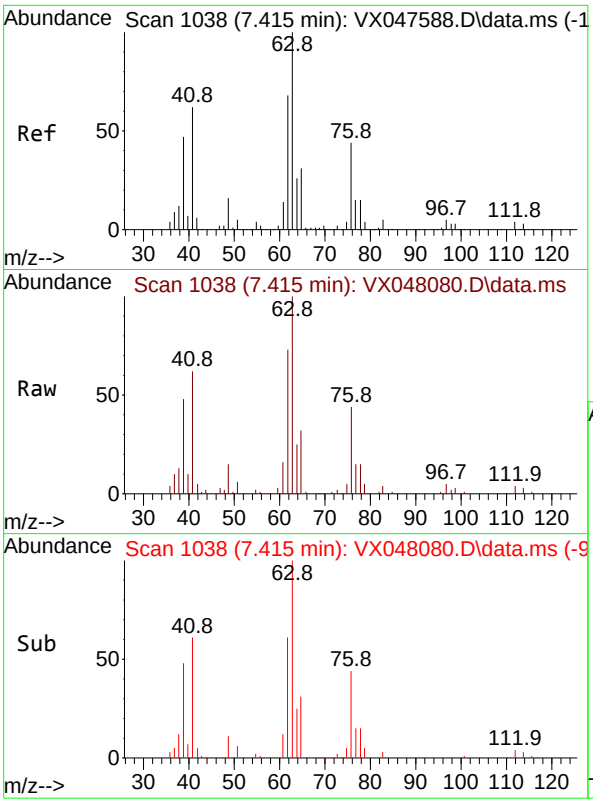


#44
Trichloroethene
Concen: 18.158 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:130 Resp: 29994

Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	210.8

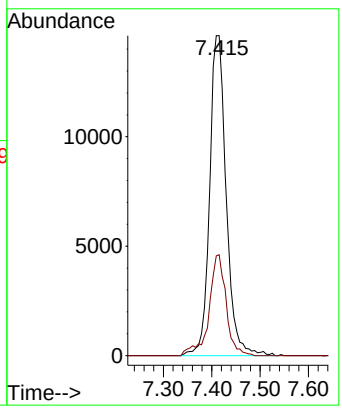




#45
1,2-Dichloropropane
Concen: 19.903 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 63 Resp: 3482

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
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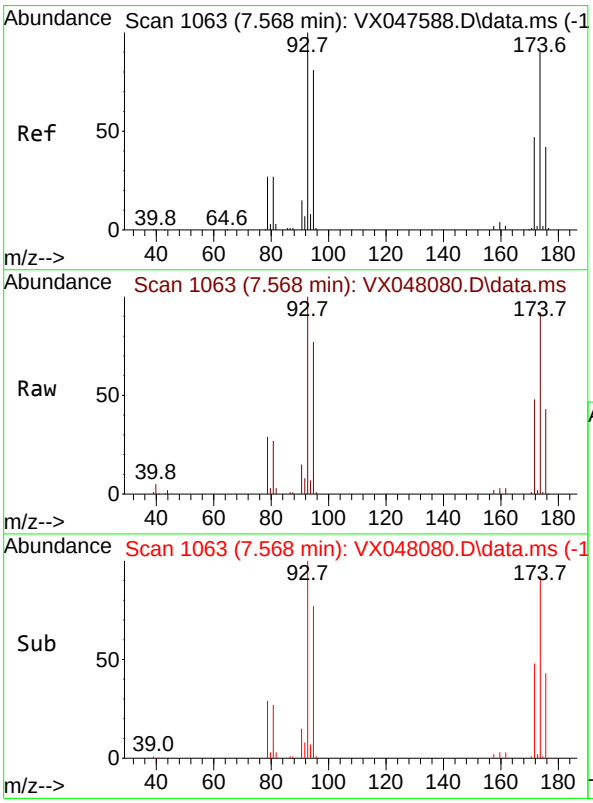
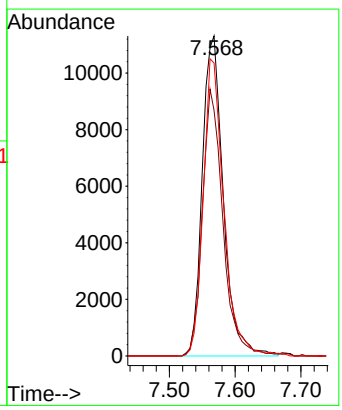
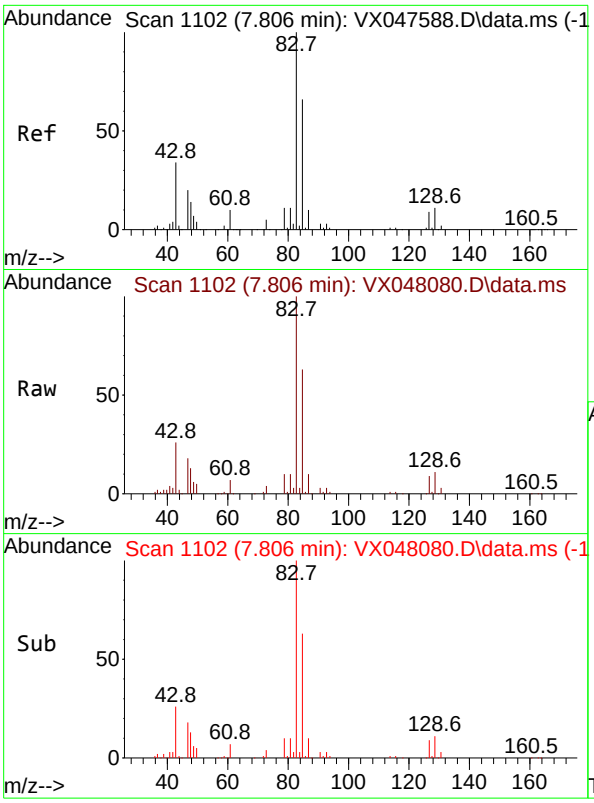


#46
Dibromomethane
Concen: 19.776 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 93 Resp: 25178

Ion	Ratio	Lower	Upper
93	100		
95	81.2	65.0	97.6
174	90.9	71.6	107.4

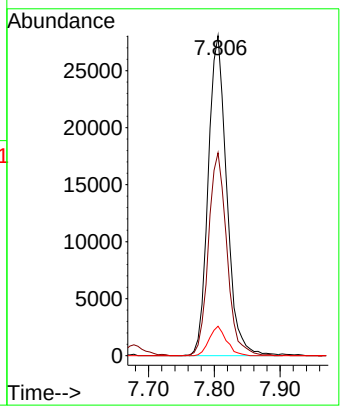




#47
Bromodichloromethane
Concen: 20.968 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 83 Resp: 5508

Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.5	78.7
127	9.2	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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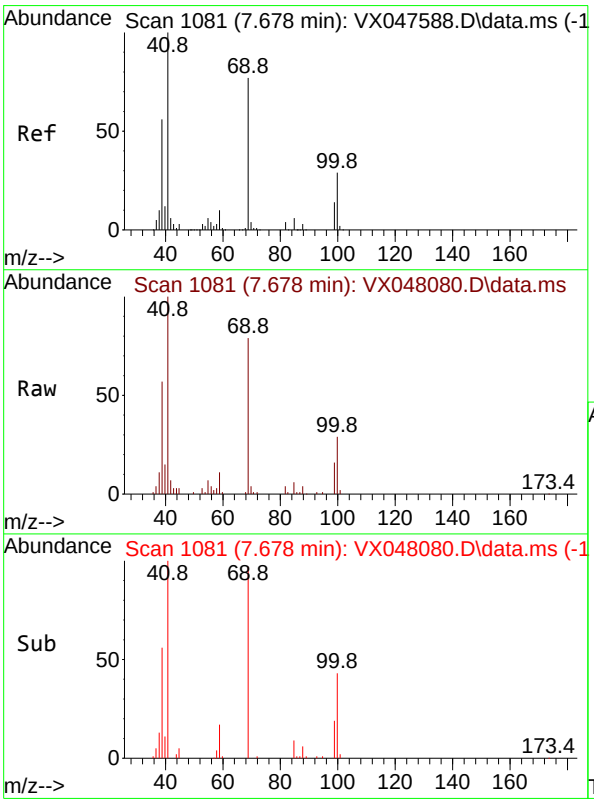
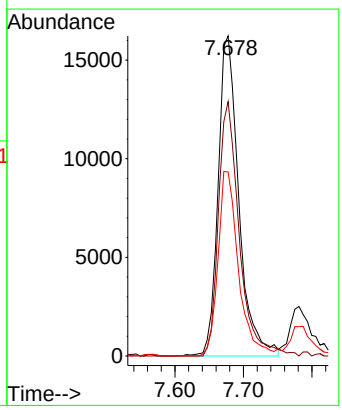
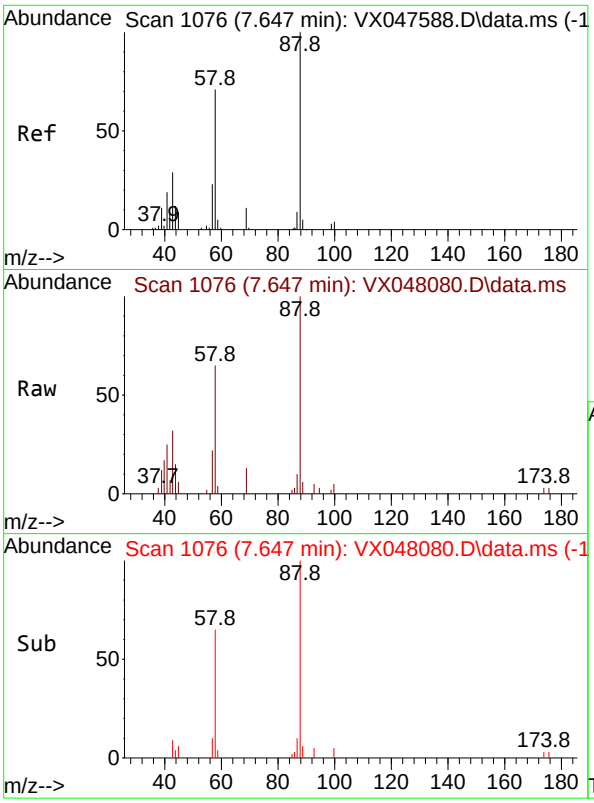


#48
Methyl methacrylate
Concen: 17.253 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 41 Resp: 33948

Ion	Ratio	Lower	Upper
41	100		
69	79.9	61.4	92.2
39	56.8	45.8	68.6





#49
1,4-Dioxane
Concen: 378.315 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 88 Resp: 752

Ion	Ratio	Lower	Upper
88	100		
43	46.4	30.2	45.2
58	77.7	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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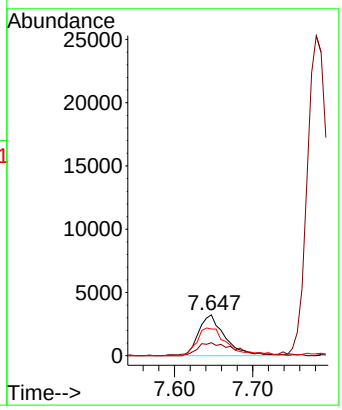
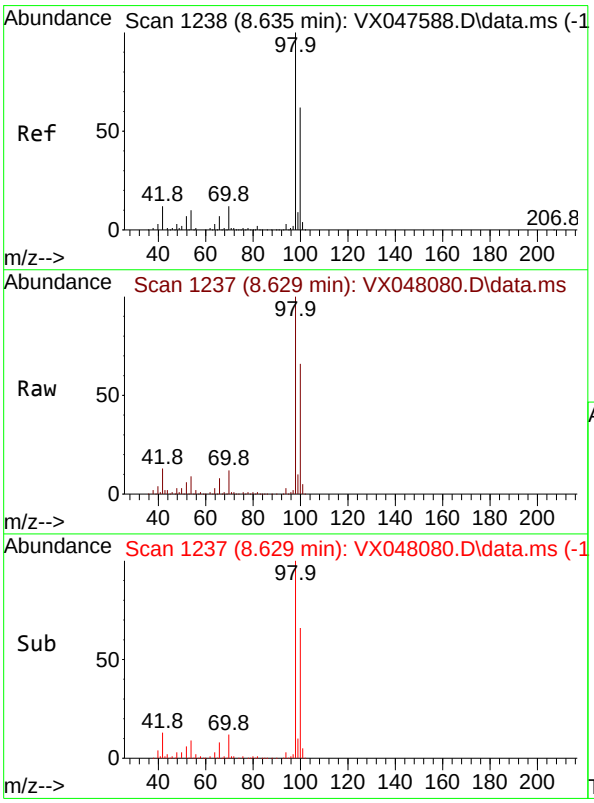
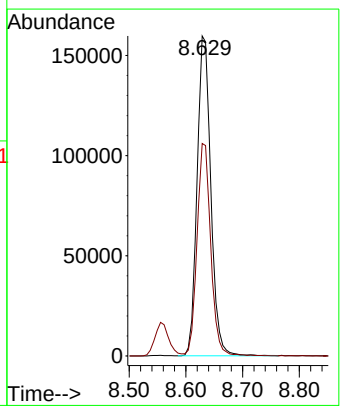


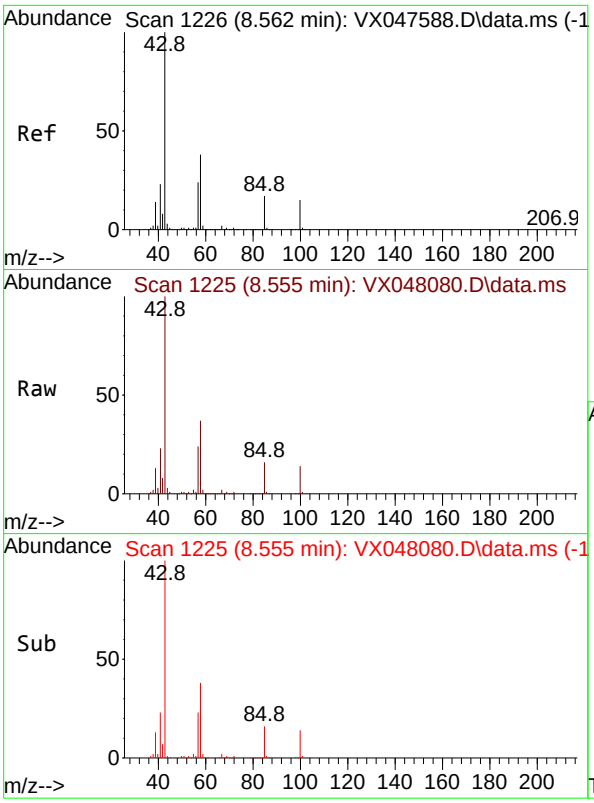


#50
Toluene-d8
Concen: 50.499 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 98 Resp: 269005

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

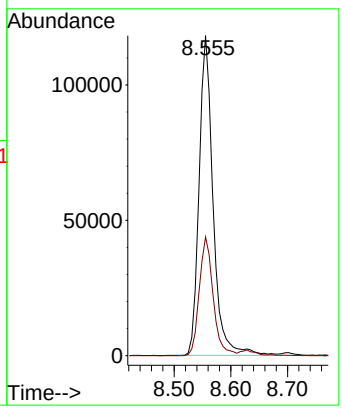




#51
4-Methyl-2-Pentanone
Concen: 92.545 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 43 Resp: 20269

Ion	Ratio	Lower	Upper
43	100		
58	36.7	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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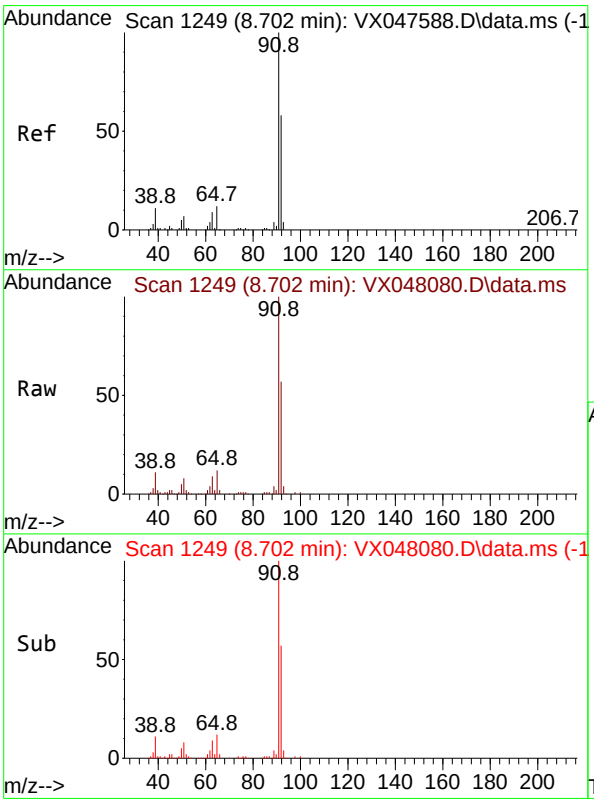
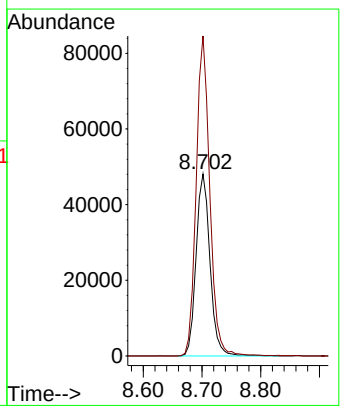
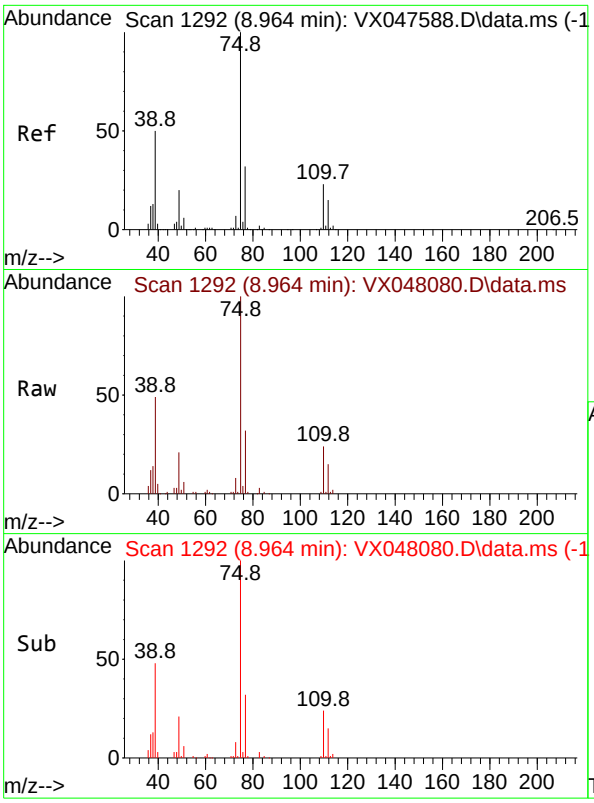


#52
Toluene
Concen: 18.750 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 92 Resp: 78926

Ion	Ratio	Lower	Upper
92	100		
91	172.0	137.1	205.7

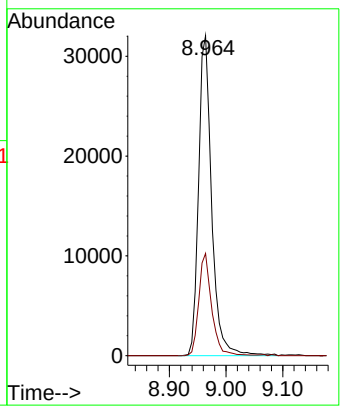




#53
t-1,3-Dichloropropene
Concen: 19.149 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 75 Resp: 5131

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2



Instrument :
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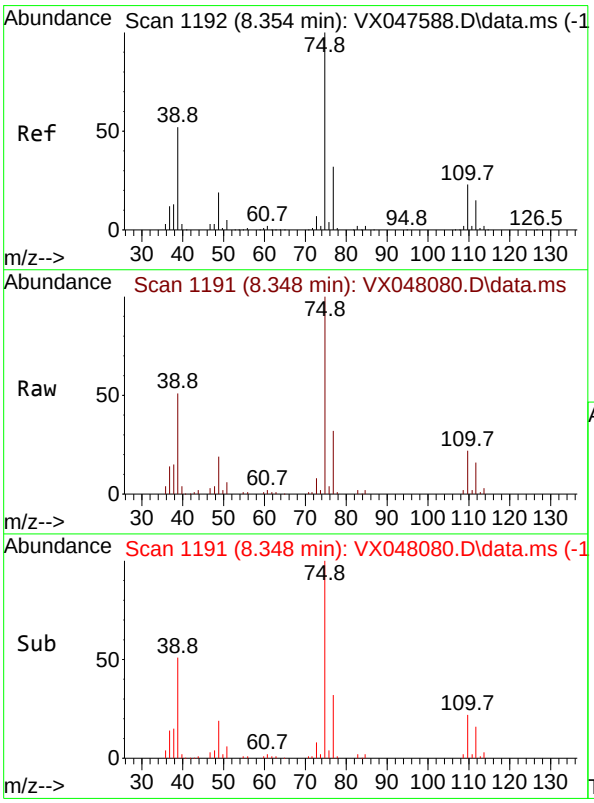
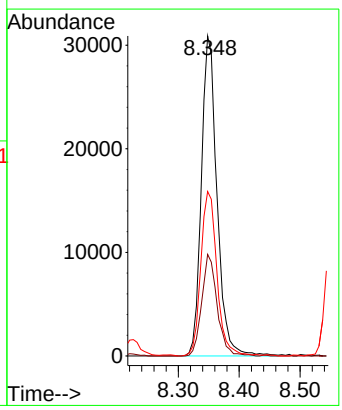
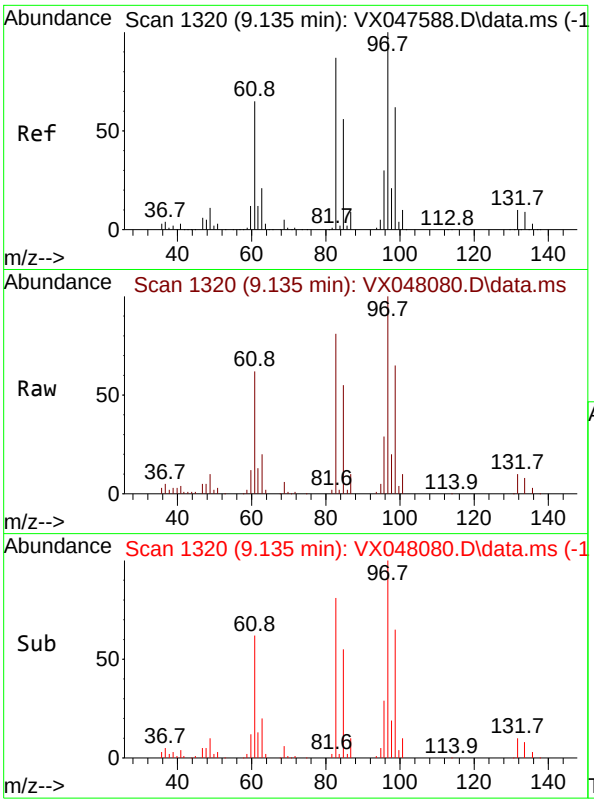


#54
cis-1,3-Dichloropropene
Concen: 19.274 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 75 Resp: 55205

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.6
39	51.4	41.4	62.2

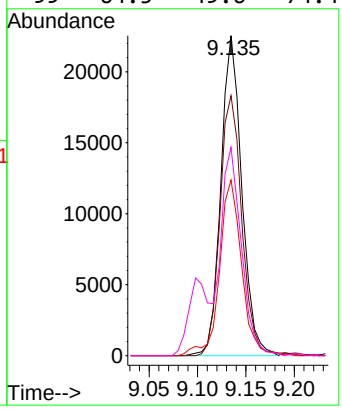




#55
1,1,2-Trichloroethane
Concen: 20.866 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 97 Resp: 3386

Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.6	104.4
85	54.9	45.0	67.6
99	64.5	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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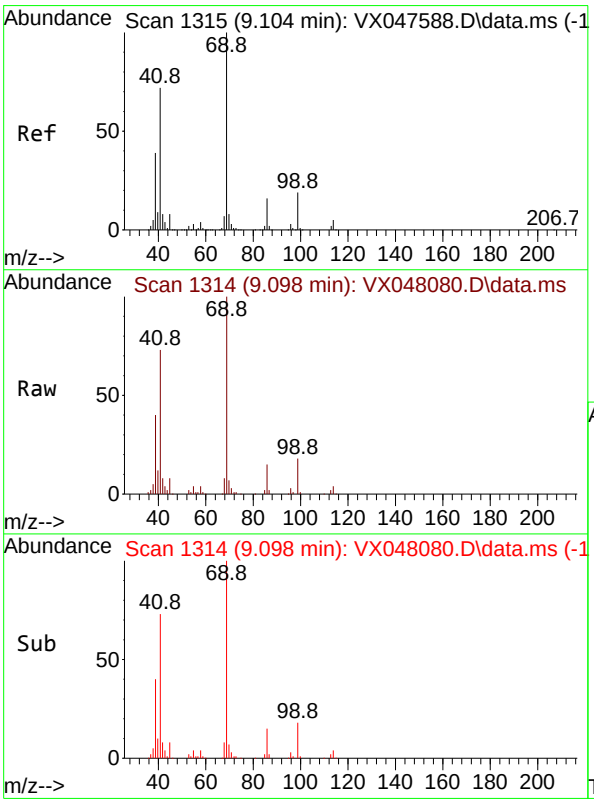
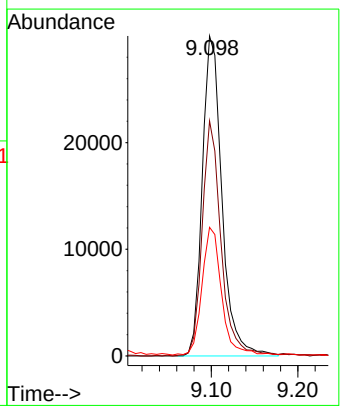
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

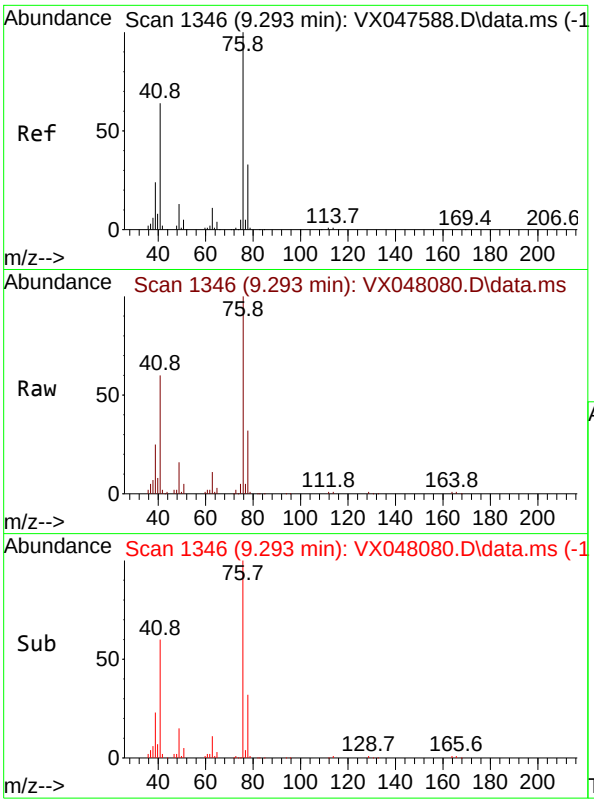


#56
Ethyl methacrylate
Concen: 18.554 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 69 Resp: 47295

Ion	Ratio	Lower	Upper
69	100		
41	70.5	58.6	87.8
39	39.6	31.5	47.3

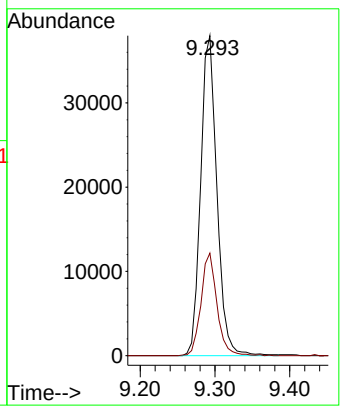




#57
1,3-Dichloropropane
Concen: 20.552 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 76 Resp: 5730

Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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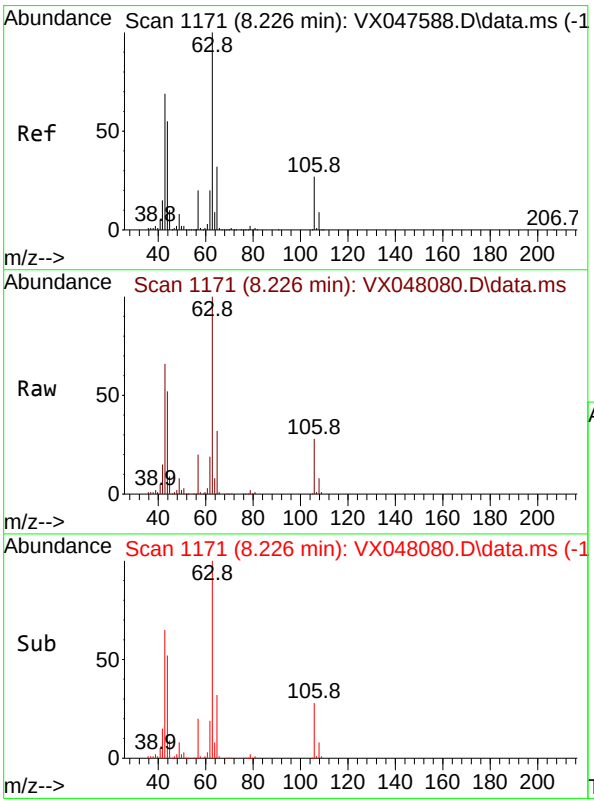
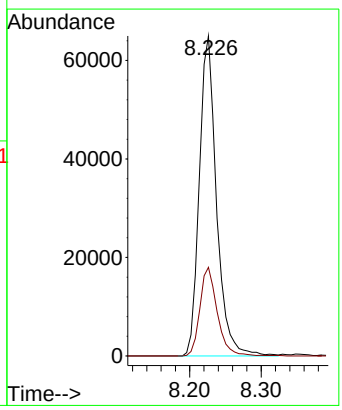
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

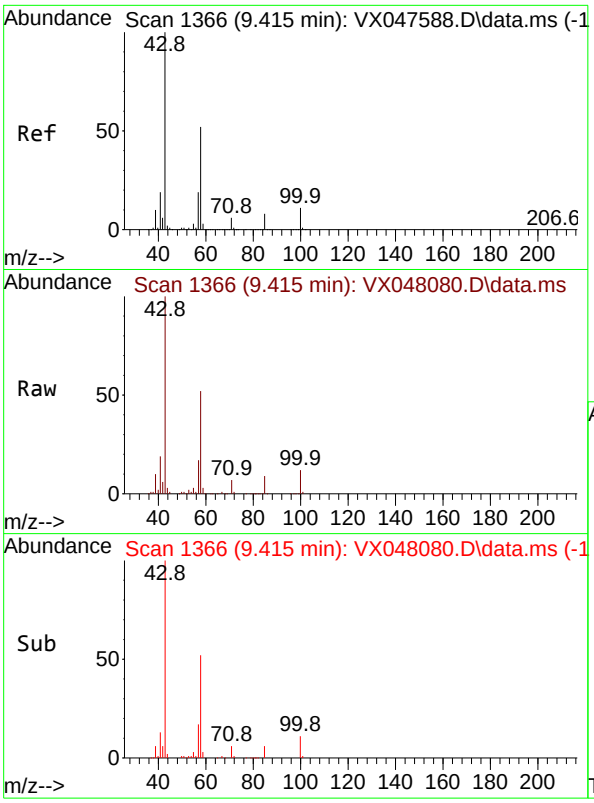


#58
2-Chloroethyl Vinyl ether
Concen: 96.460 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 63 Resp: 108752

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9





#59
2-Hexanone
Concen: 85.418 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 43 Resp: 13436

Ion	Ratio	Lower	Upper
43	100		
58	52.2	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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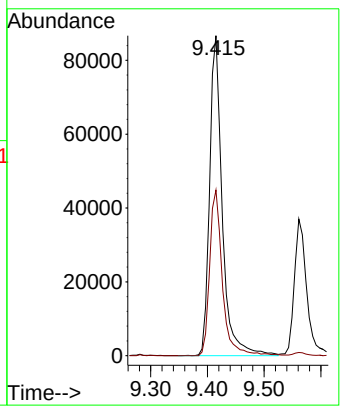
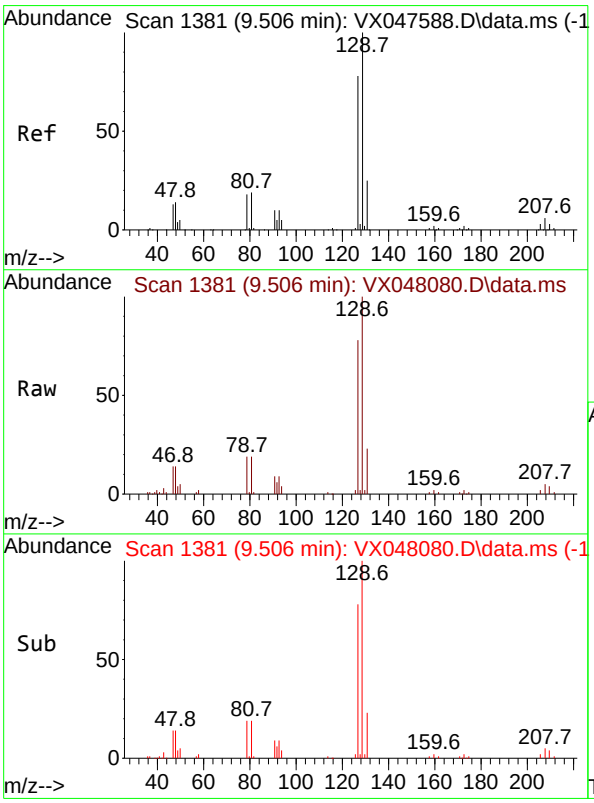
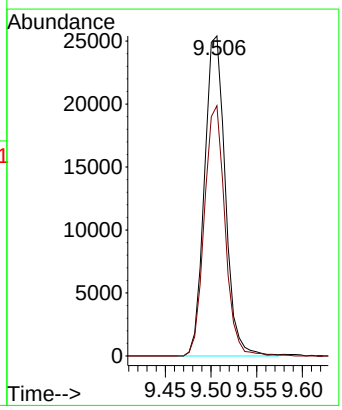


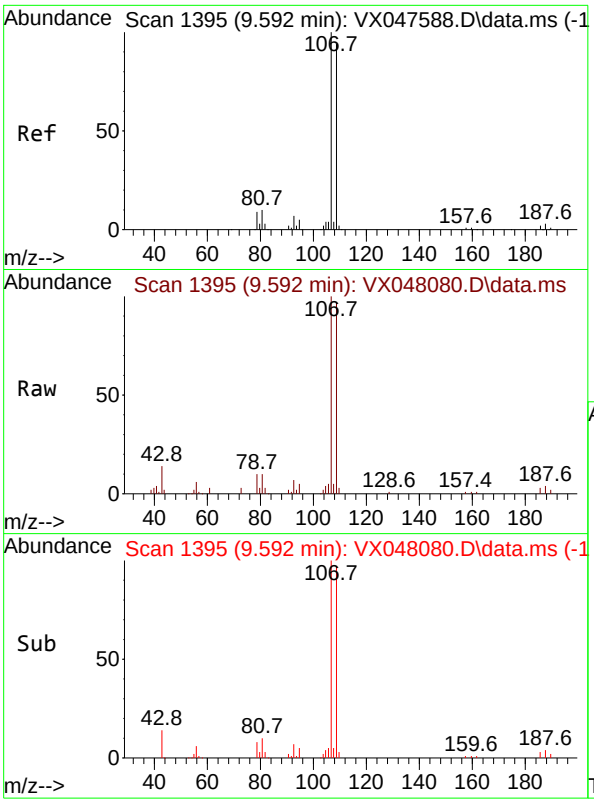


#60
Dibromochloromethane
Concen: 21.437 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:129 Resp: 40093

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.4	115.2

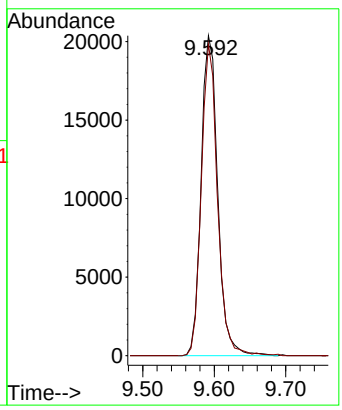




#61
1,2-Dibromoethane
Concen: 19.843 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:107 Resp: 3280

Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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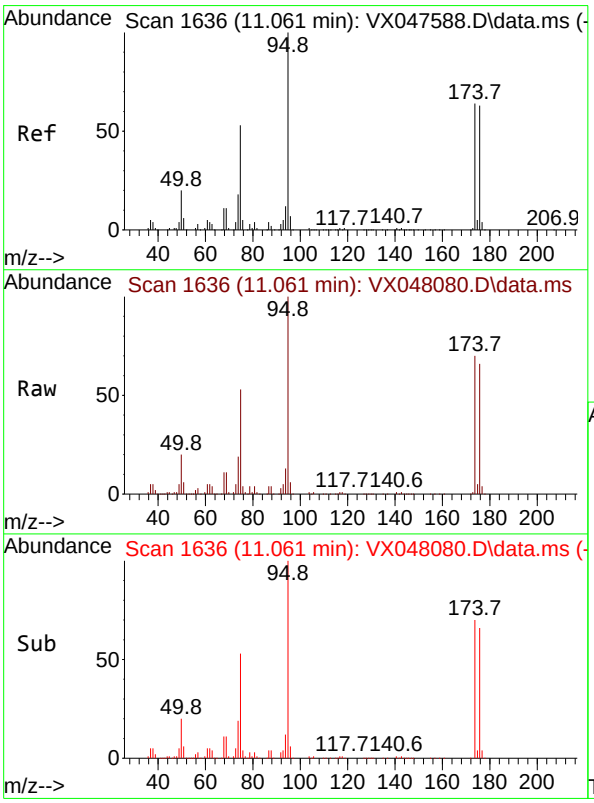
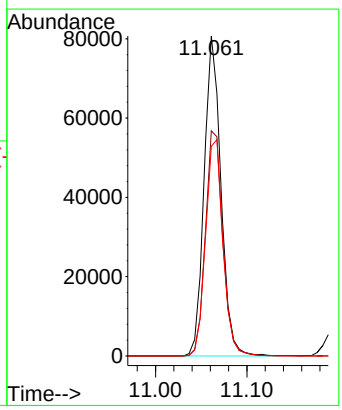
Supervised By :Mahesh Dadoda 10/10/2025

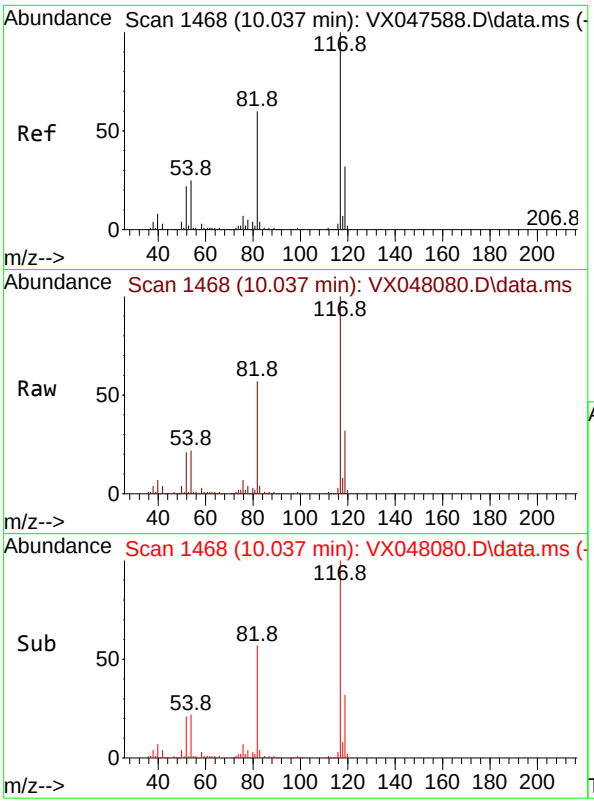


#62
4-Bromofluorobenzene
Concen: 50.939 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 95 Resp: 102981

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	141.6
176	70.0	0.0	138.4

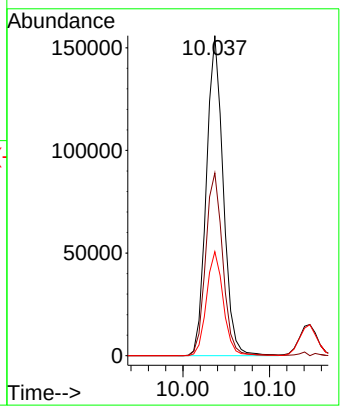




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:117 Resp: 21051

Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.8	71.6
119	32.5	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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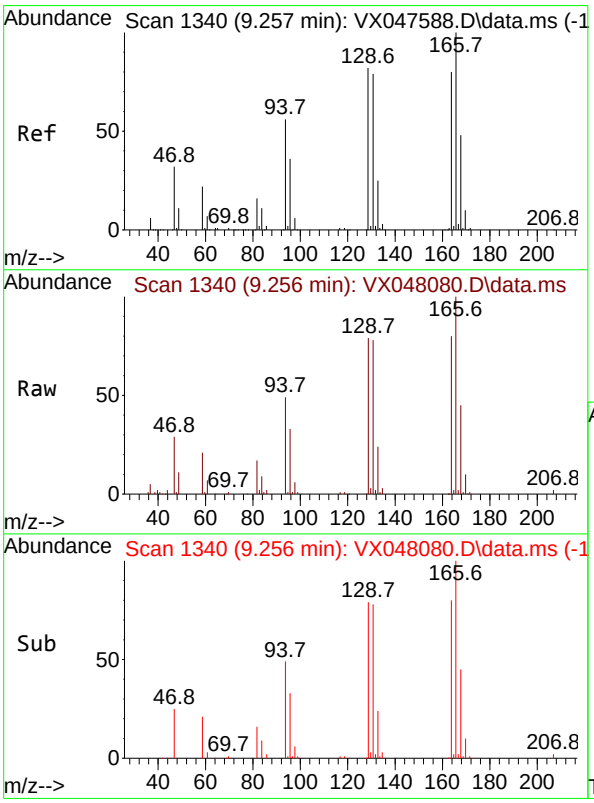
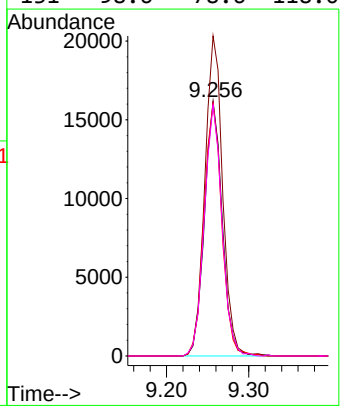
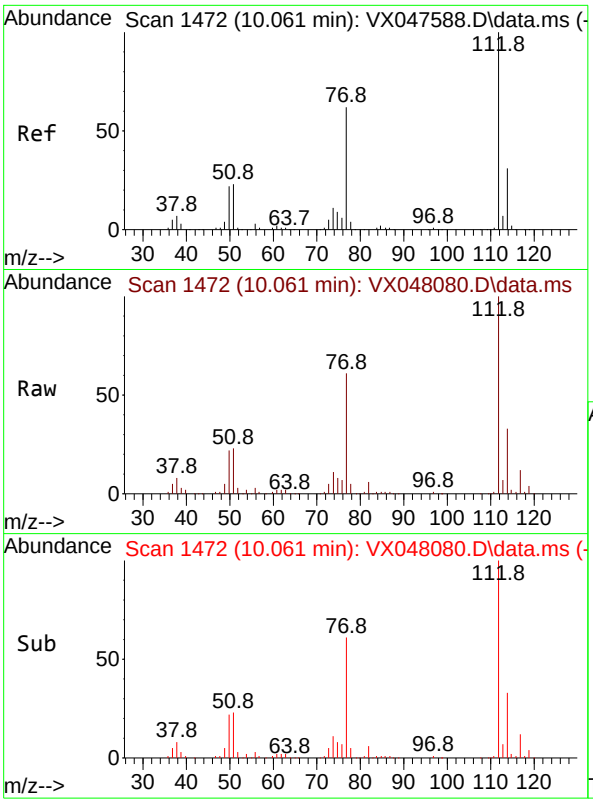


#64
Tetrachloroethene
Concen: 17.708 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:164 Resp: 24302

Ion	Ratio	Lower	Upper
164	100		
166	125.8	100.2	150.2
129	99.5	81.8	122.6
131	98.6	78.6	118.0

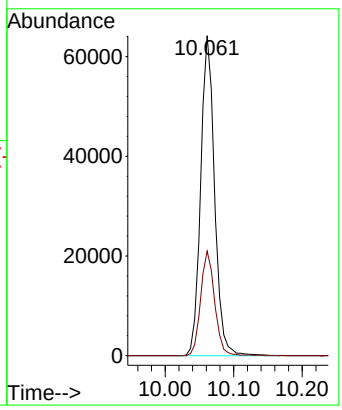




#65
Chlorobenzene
Concen: 18.989 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:112 Resp: 9081

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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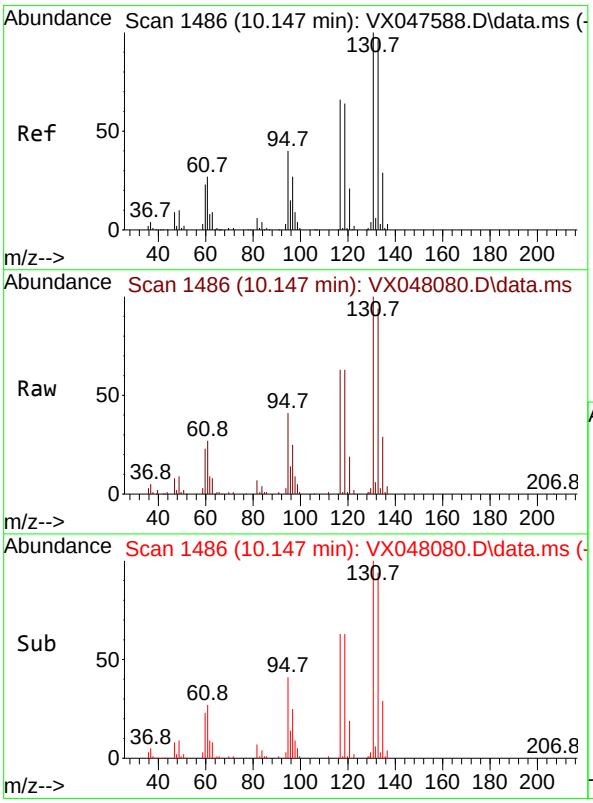
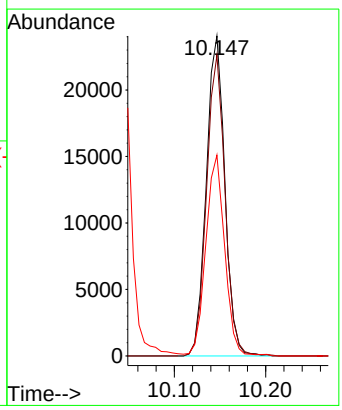
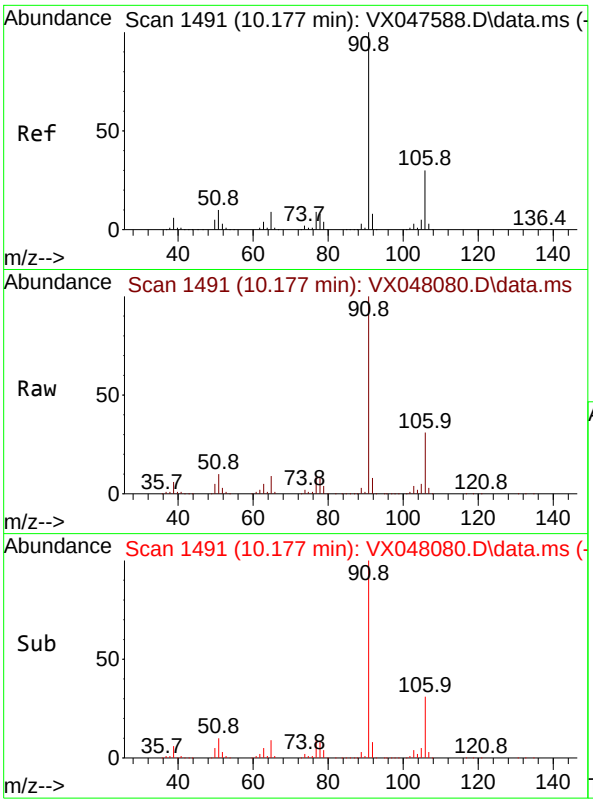


#66
1,1,1,2-Tetrachloroethane
Concen: 20.538 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:131 Resp: 33895

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	142.0
119	64.0	32.0	96.0

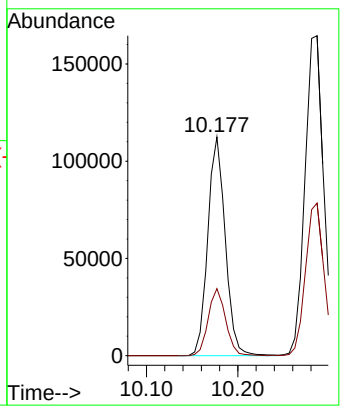




#67
Ethyl Benzene
Concen: 18.069 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 91 Resp: 14910

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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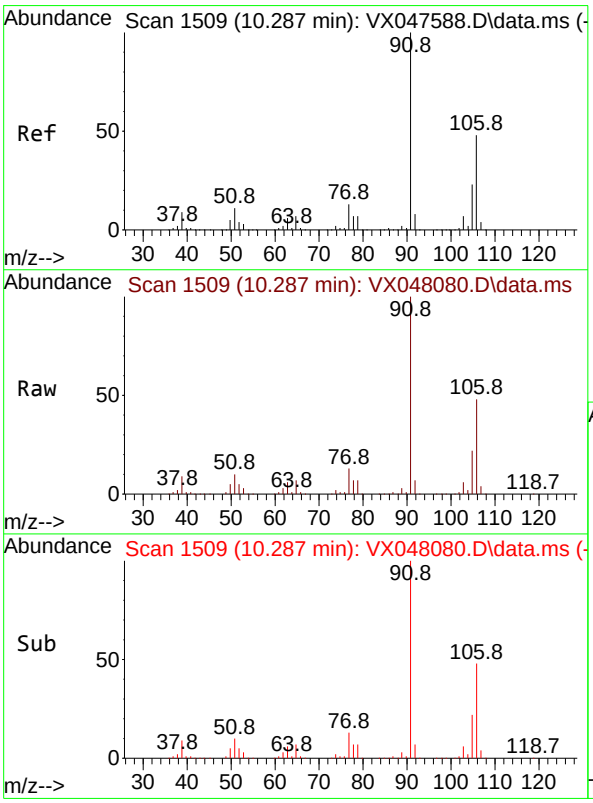
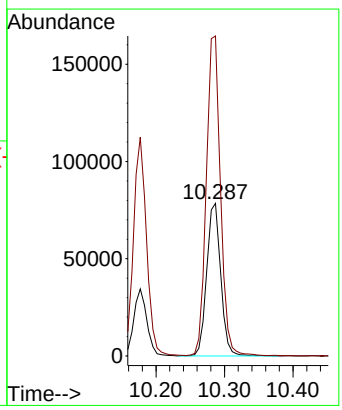
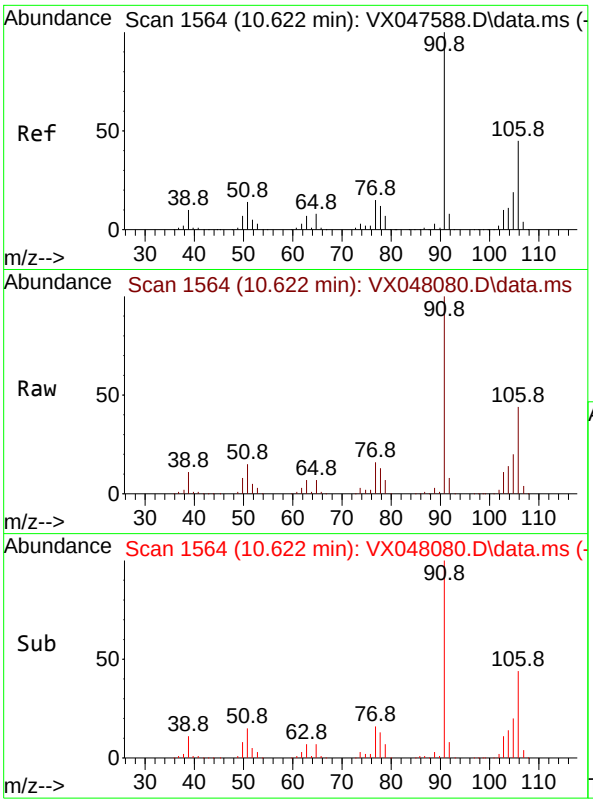


#68
m/p-Xylenes
Concen: 36.455 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:106 Resp: 111970

Ion	Ratio	Lower	Upper
106	100		
91	210.9	167.8	251.8





#69
o-Xylene
Concen: 18.276 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:106 Resp: 5429

Ion	Ratio	Lower	Upper
106	100		
91	222.6	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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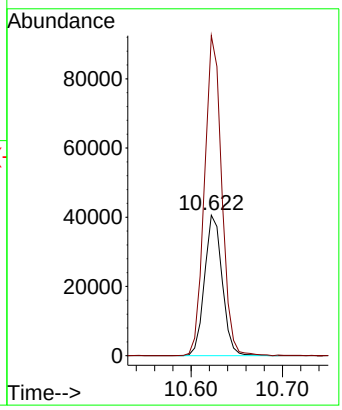
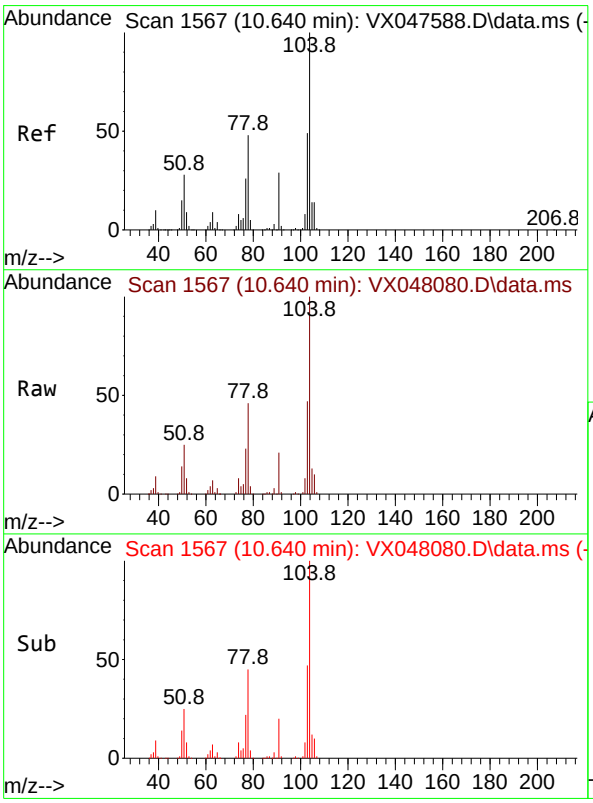
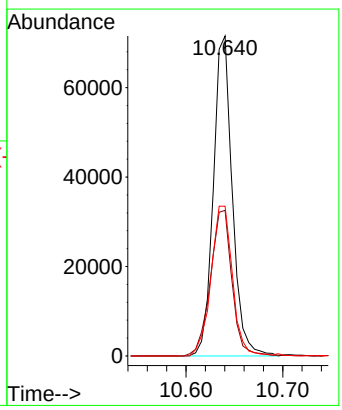


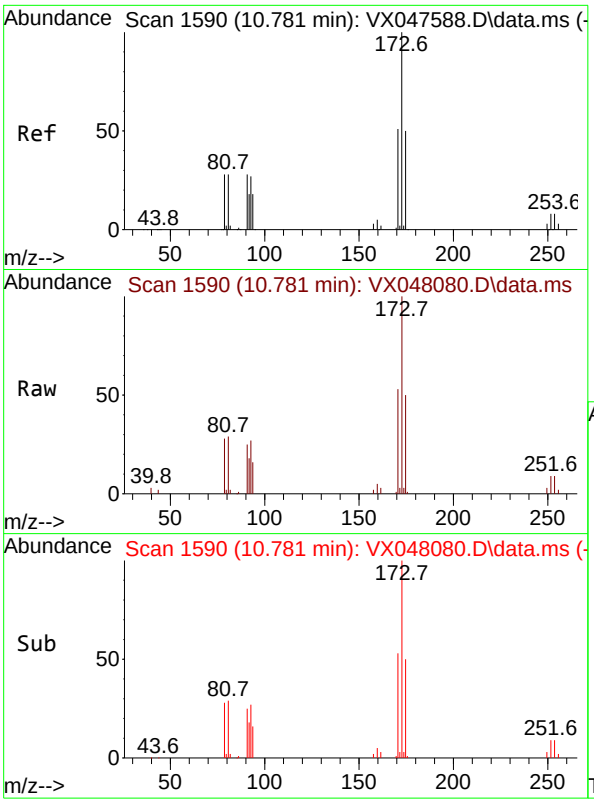


#70
Styrene
Concen: 18.748 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:104 Resp: 97589

Ion	Ratio	Lower	Upper
104	100		
78	51.8	43.1	64.7
103	53.2	43.1	64.7

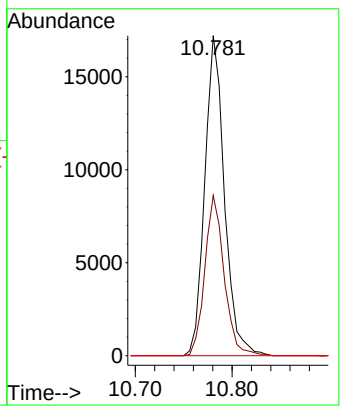




#71
Bromoform
Concen: 19.745 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:173 Resp: 2433

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
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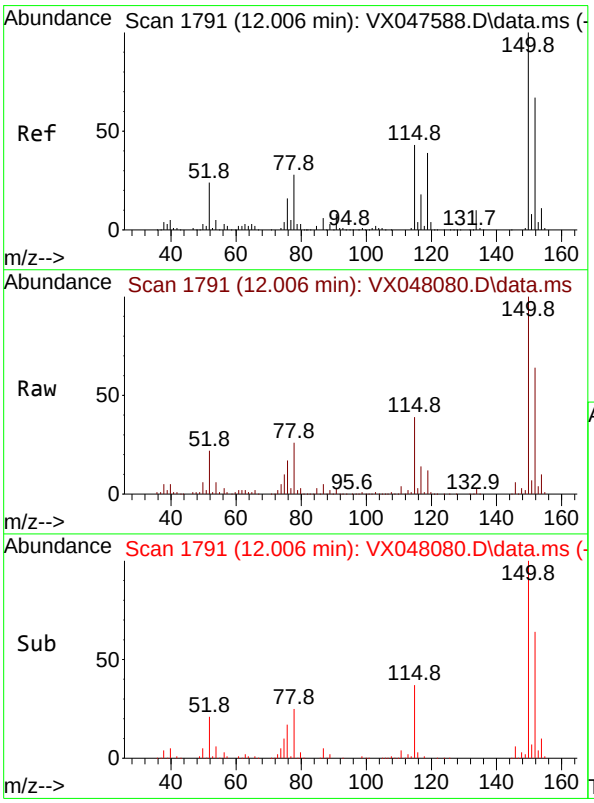
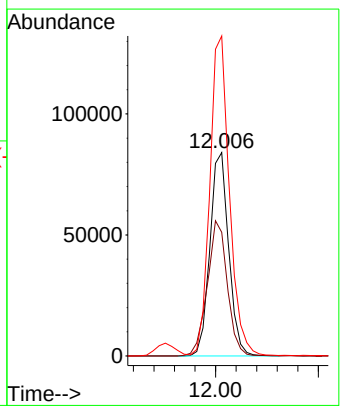
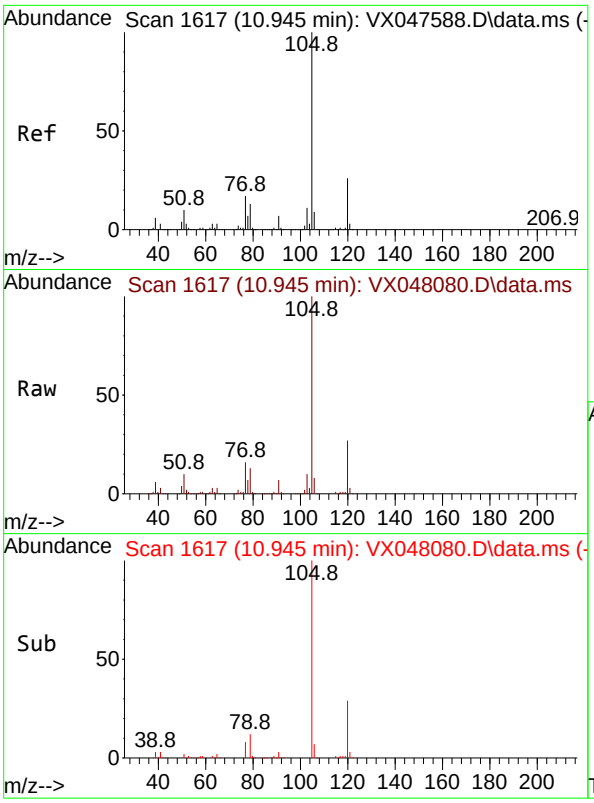


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:152 Resp: 106240

Ion	Ratio	Lower	Upper
152	100		
115	71.0	44.9	134.5
150	163.9	0.0	352.0

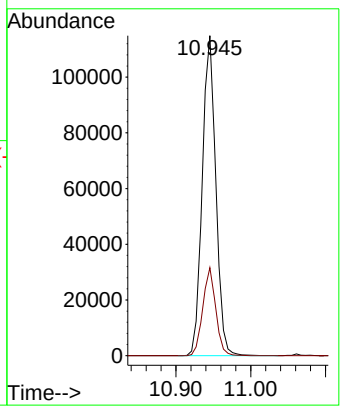




#73
Isopropylbenzene
Concen: 17.894 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:105 Resp: 14453

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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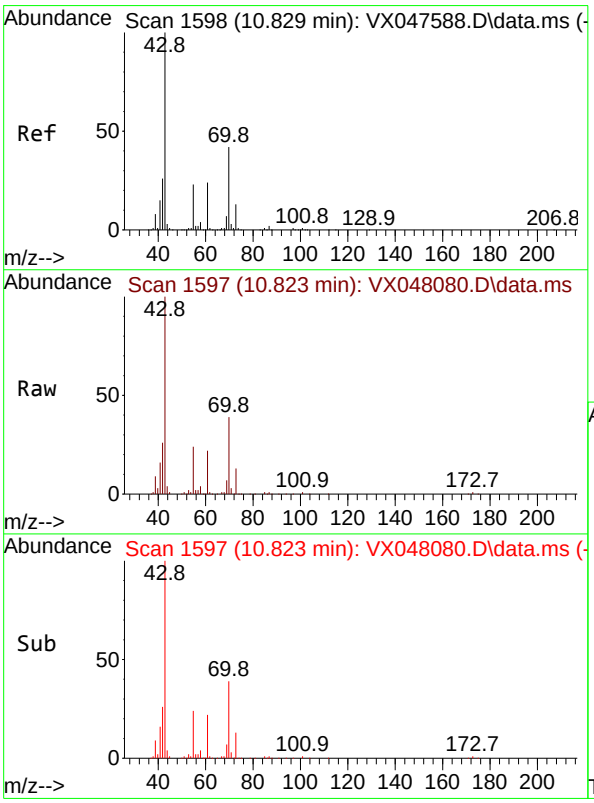
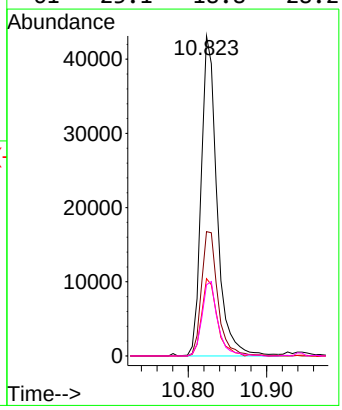
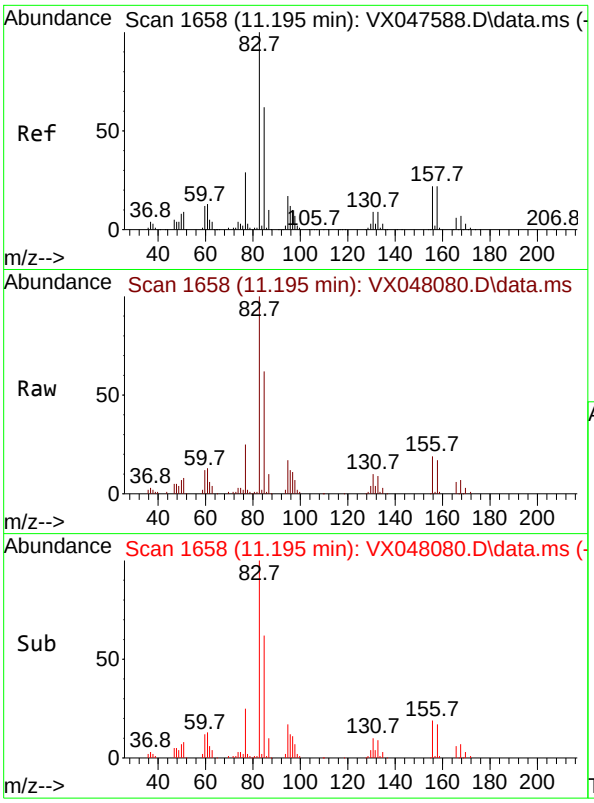


#74
N-amyl acetate
Concen: 16.414 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 43 Resp: 60457

Ion	Ratio	Lower	Upper
43	100		
70	39.9	32.0	48.0
55	23.5	18.9	28.3
61	23.1	18.8	28.2

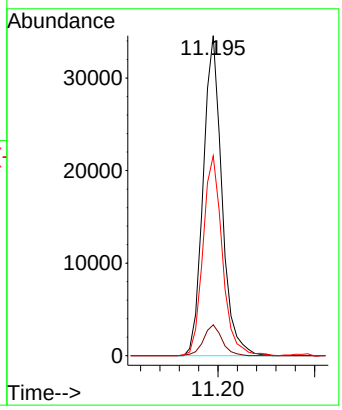




#75
1,1,2,2-Tetrachloroethane
Concen: 19.045 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 83 Resp: 4654

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	64.6	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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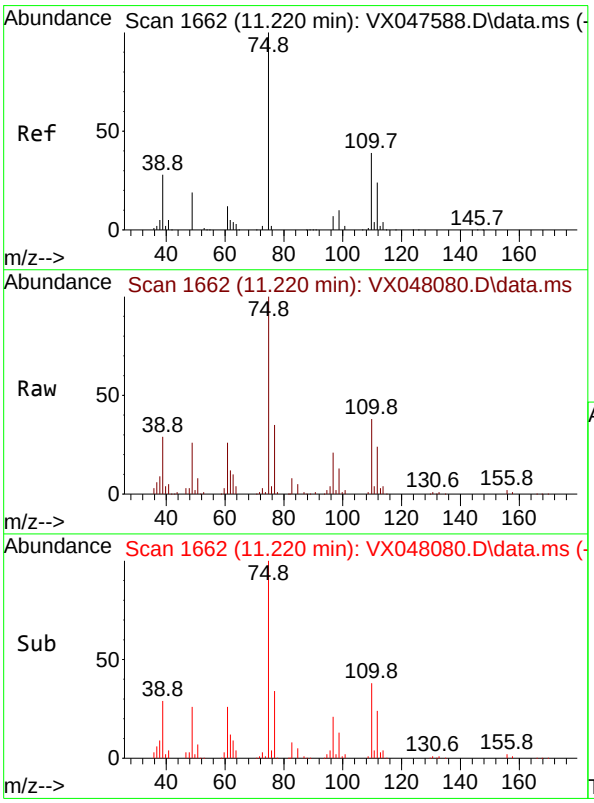
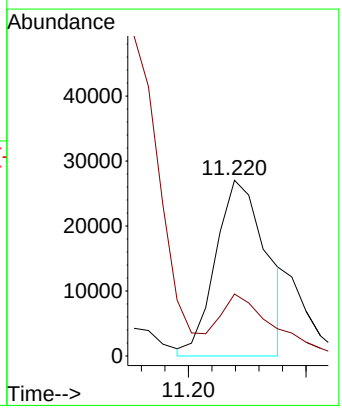
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

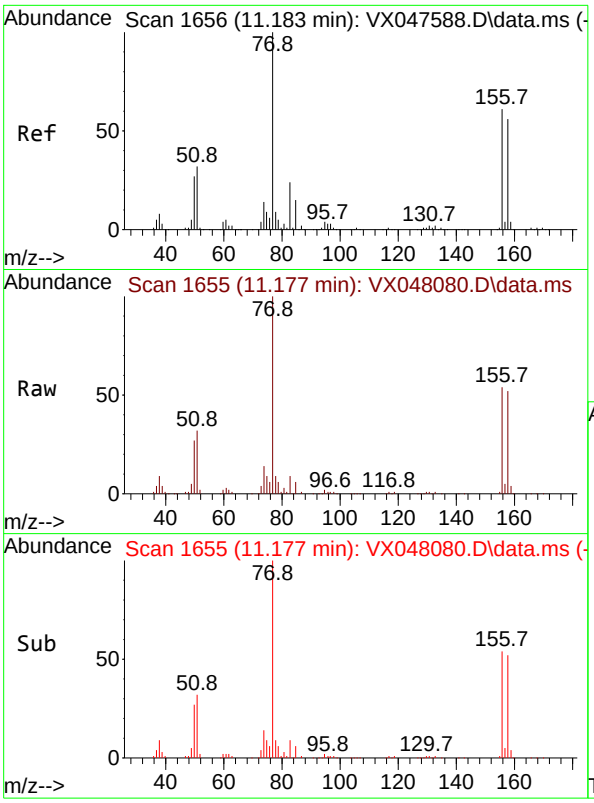


#76
1,2,3-Trichloropropane
Concen: 18.786 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 75 Resp: 40410

Ion	Ratio	Lower	Upper
75	100		
77	37.0	18.8	56.4

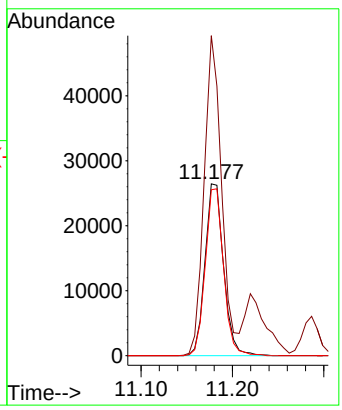




#77
Bromobenzene
Concen: 18.769 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:156 Resp: 3733

Ion	Ratio	Lower	Upper
156	100		
77	175.3	89.7	269.1
158	95.2	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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Reviewed By :John Carlone 10/10/2025
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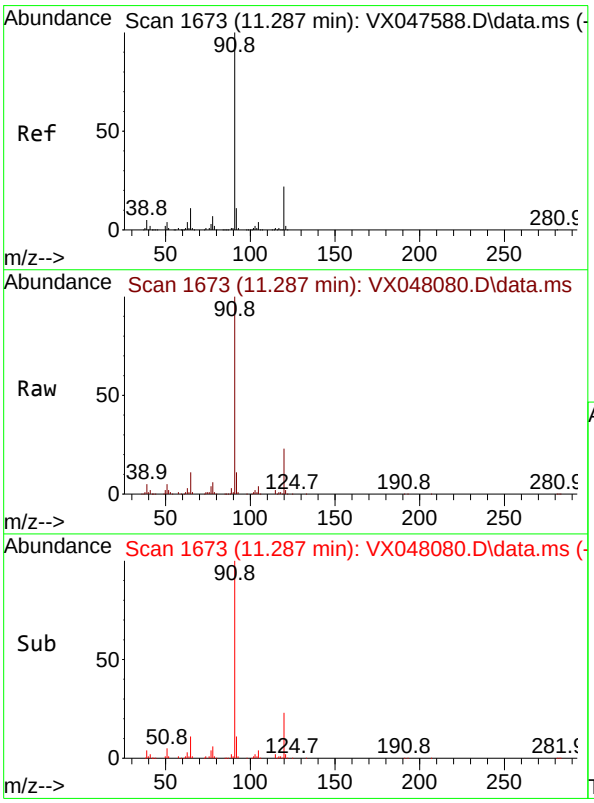
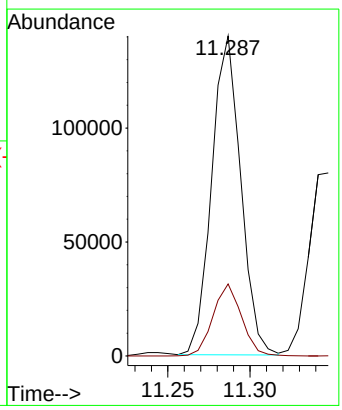
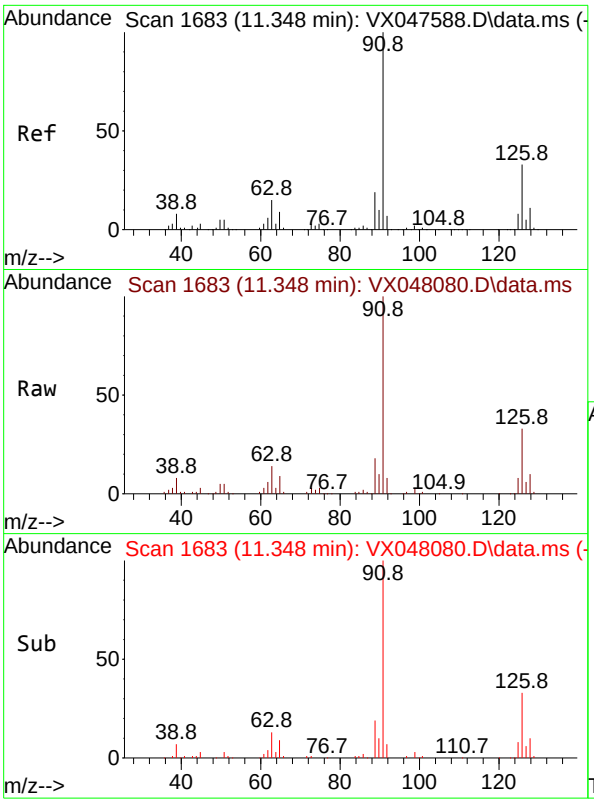


#78
n-propylbenzene
Concen: 17.994 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 91 Resp: 171804

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1

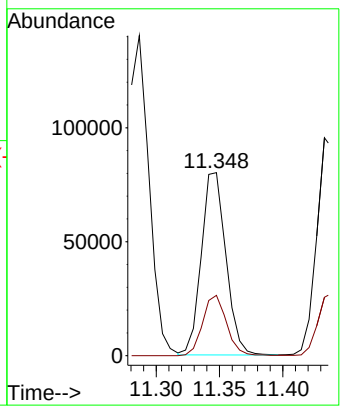




#79
2-Chlorotoluene
Concen: 18.553 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 91 Resp: 10849

Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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Reviewed By :John Carlone 10/10/2025
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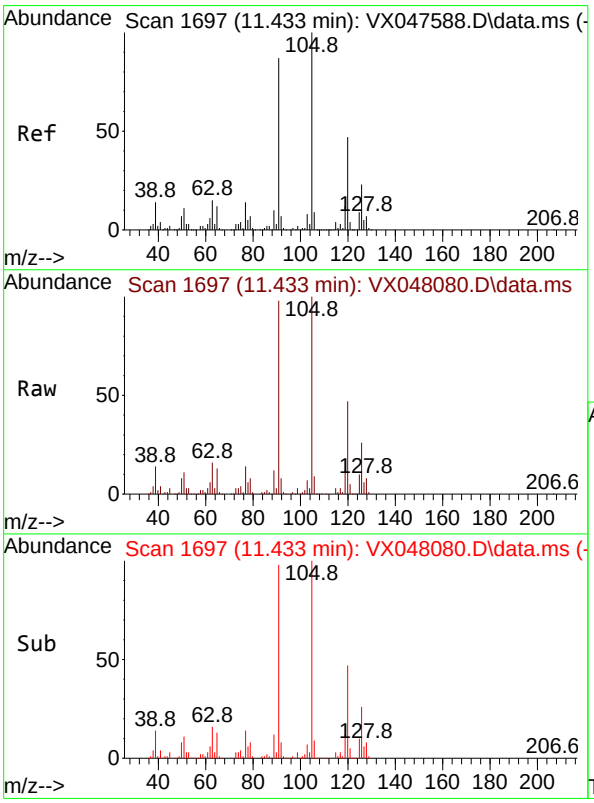
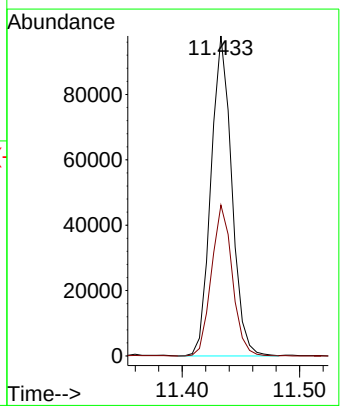
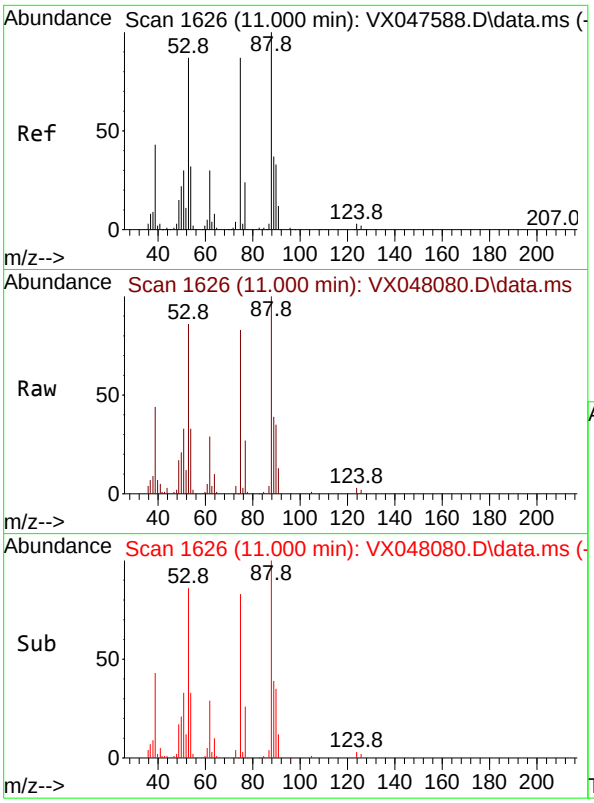


#80
1,3,5-Trimethylbenzene
Concen: 18.125 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:105 Resp: 120277

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.6	70.8

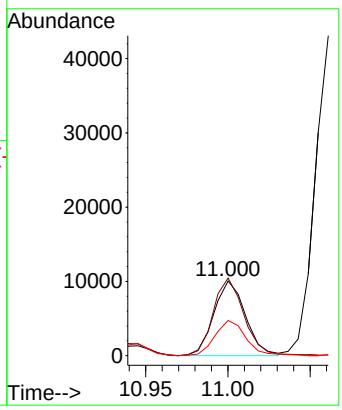




#81
trans-1,4-Dichloro-2-butene
Concen: 15.921 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 75 Resp: 1342

Ion	Ratio	Lower	Upper
75	100		
53	102.6	83.4	125.2
89	46.3	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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Reviewed By :John Carlone 10/10/2025
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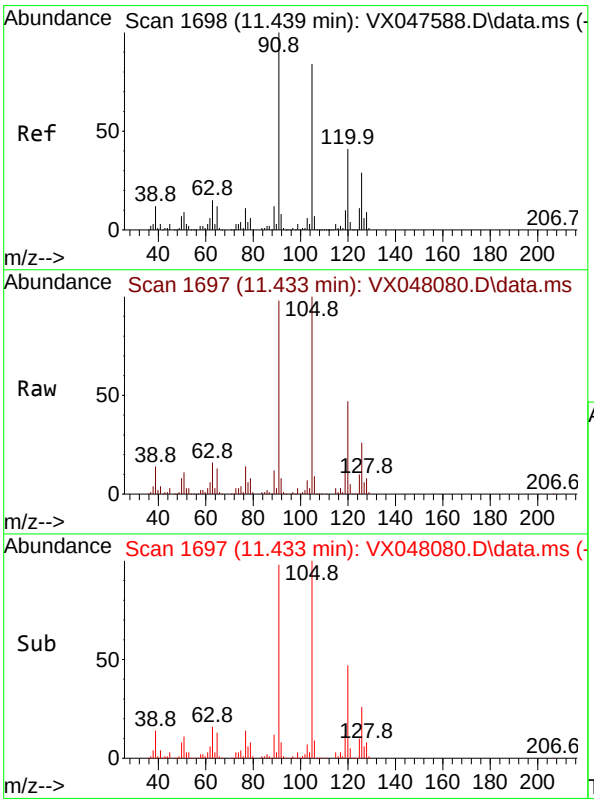
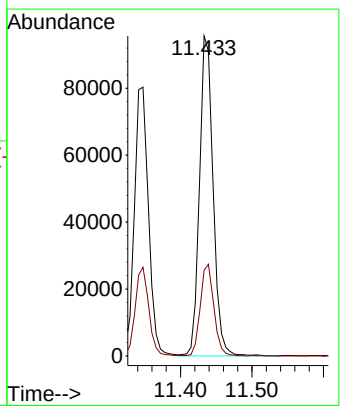
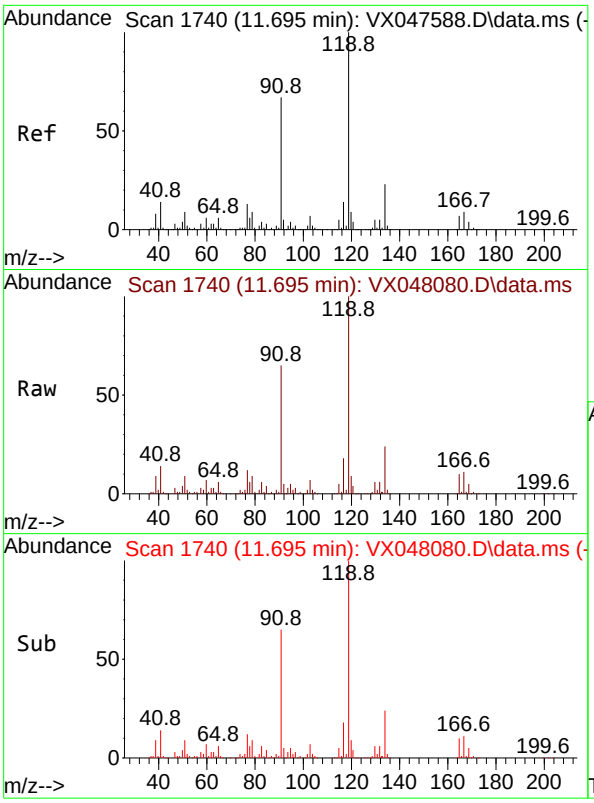


#82
4-Chlorotoluene
Concen: 18.326 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 91 Resp: 126573

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

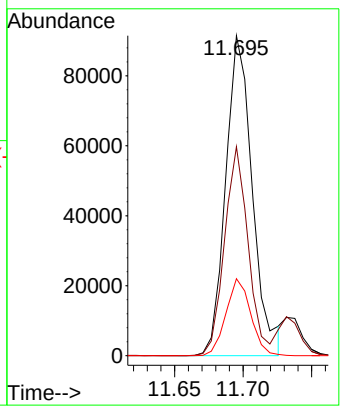




#83
tert-Butylbenzene
Concen: 18.245 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:119 Resp: 12394

Ion	Ratio	Lower	Upper
119	100		
91	57.9	29.6	88.8
134	22.4	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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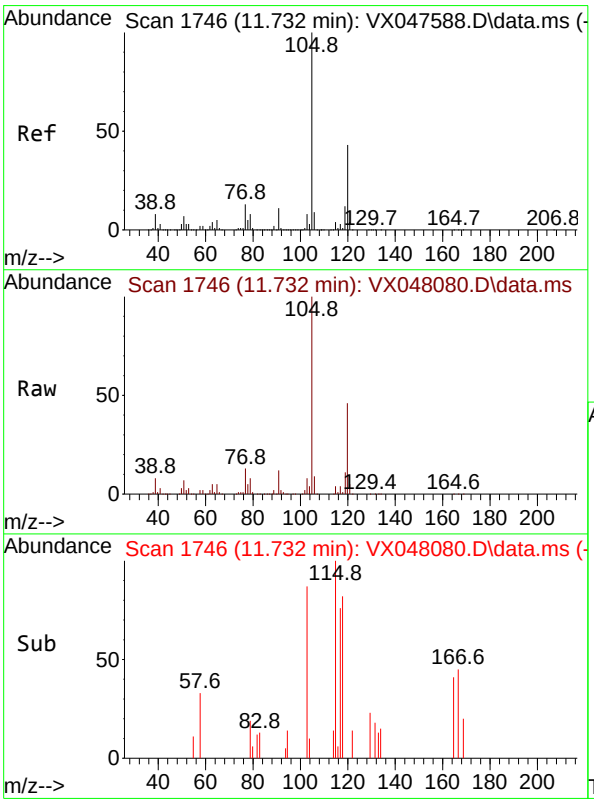
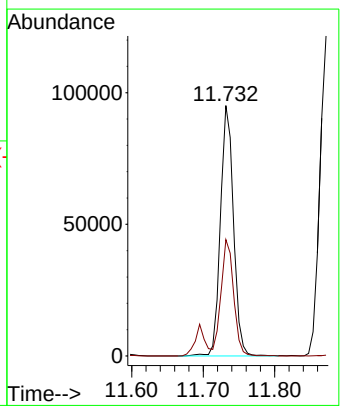
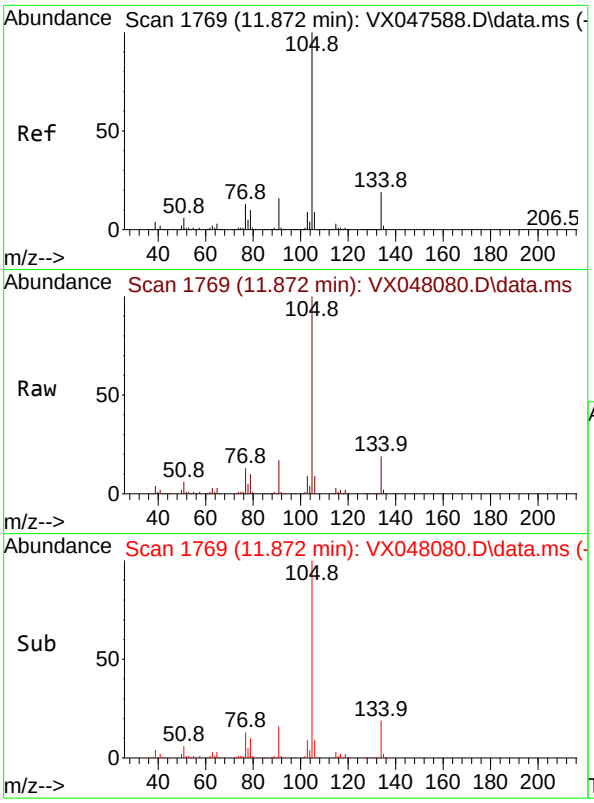


#84
1,2,4-Trimethylbenzene
Concen: 17.948 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:105 Resp: 120748

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.1	66.1

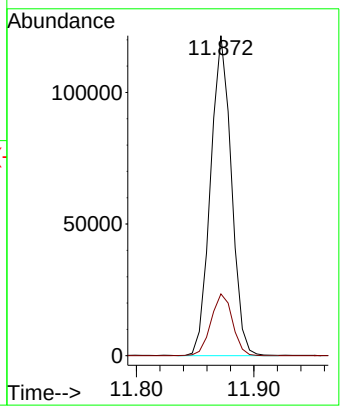




#85
sec-Butylbenzene
Concen: 18.518 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:105 Resp: 14941

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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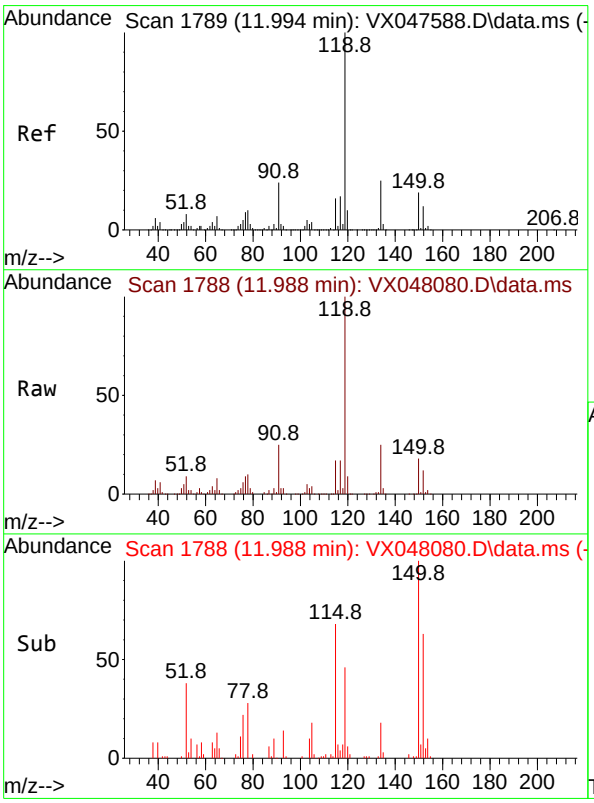
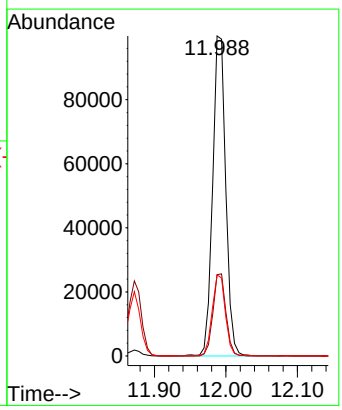
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

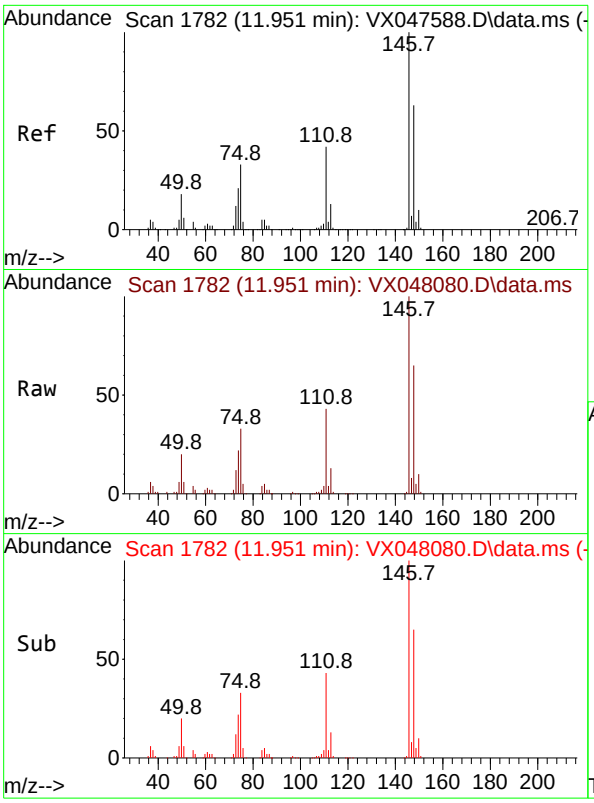


#86
p-Isopropyltoluene
Concen: 18.586 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:119 Resp: 126965

Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.6	37.8
91	25.4	12.6	37.6

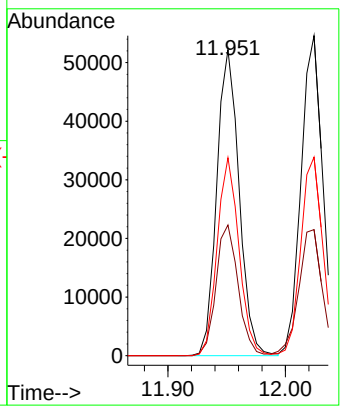




#87
1,3-Dichlorobenzene
Concen: 18.698 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:146 Resp: 6909

Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.5	64.5
148	63.2	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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Reviewed By :John Carlone 10/10/2025
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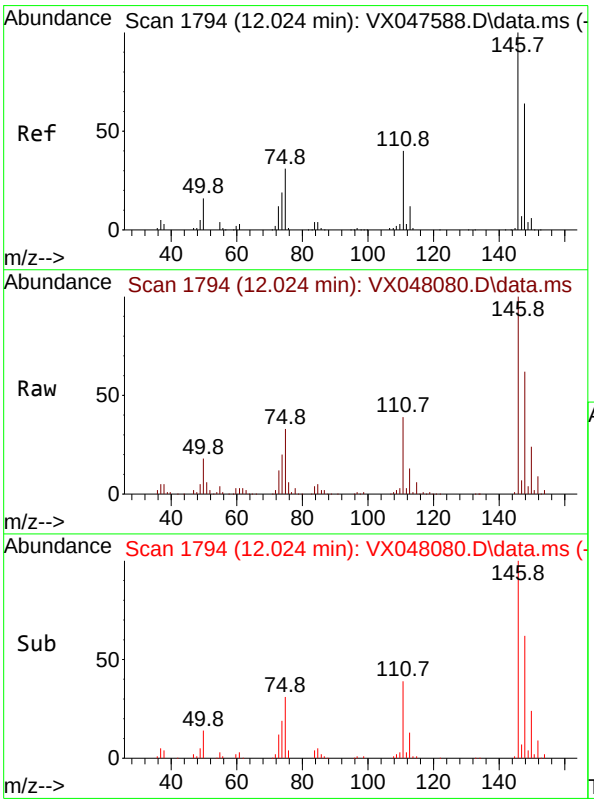
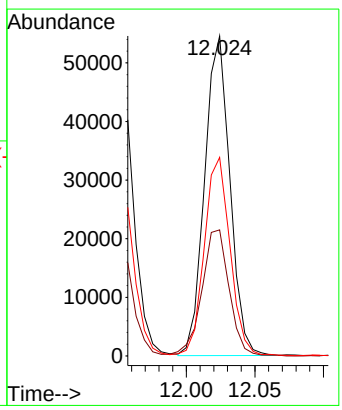
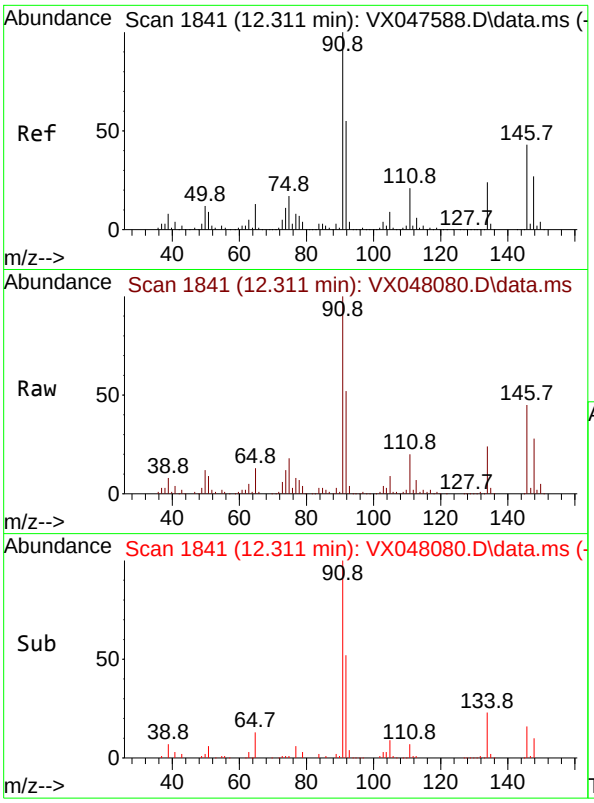


#88
1,4-Dichlorobenzene
Concen: 18.493 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:146 Resp: 70133

Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.8	62.4
148	63.3	31.7	95.1

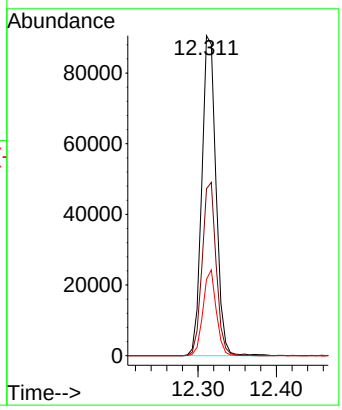




#89
n-Butylbenzene
Concen: 18.017 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 91 Resp: 11388

Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.6	82.7
134	25.0	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

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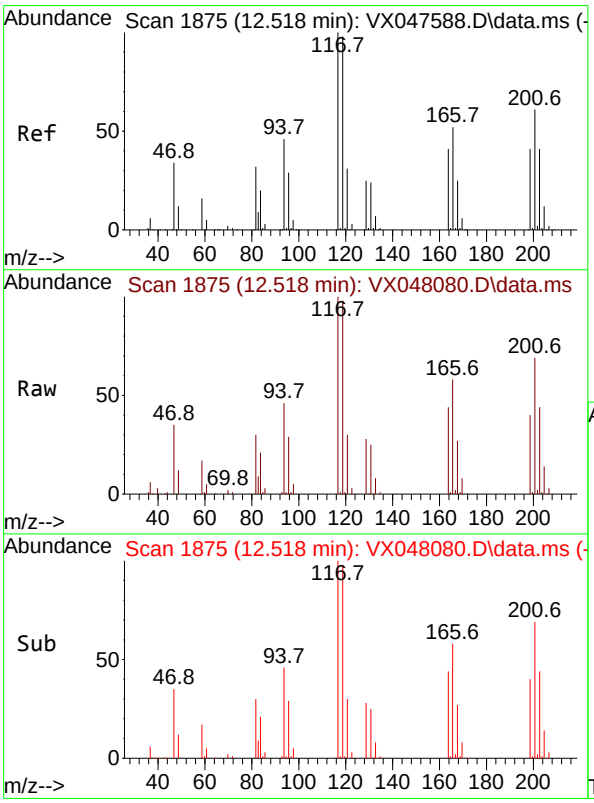
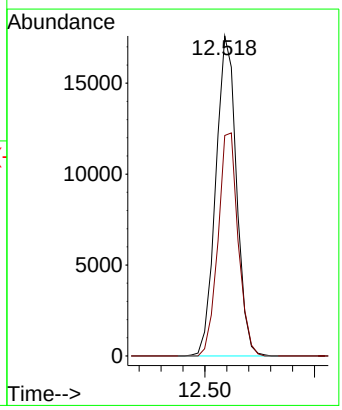
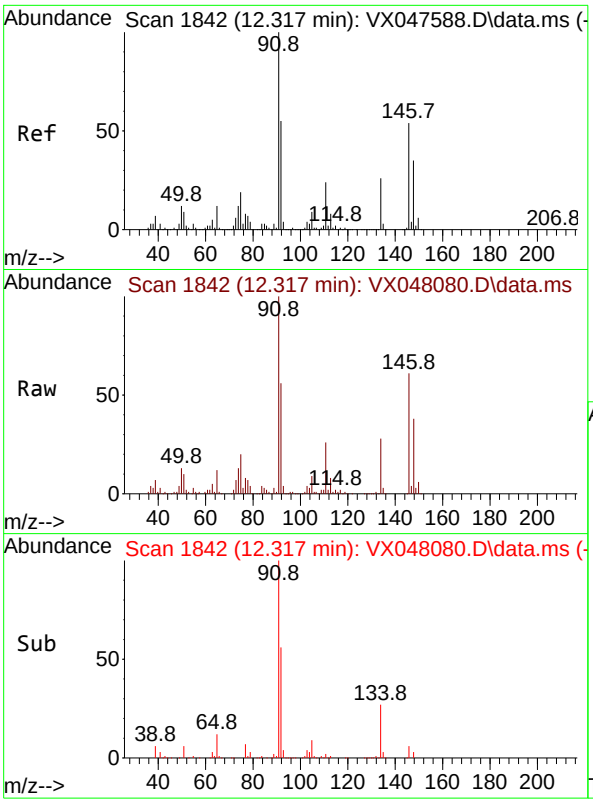


#90
Hexachloroethane
Concen: 19.257 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:117 Resp: 23096

Ion	Ratio	Lower	Upper
117	100		
201	68.0	34.2	102.5

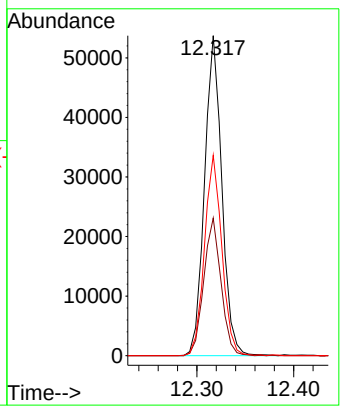




#91
1,2-Dichlorobenzene
Concen: 19.002 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:146 Resp: 6689

Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.2	66.6
148	62.9	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
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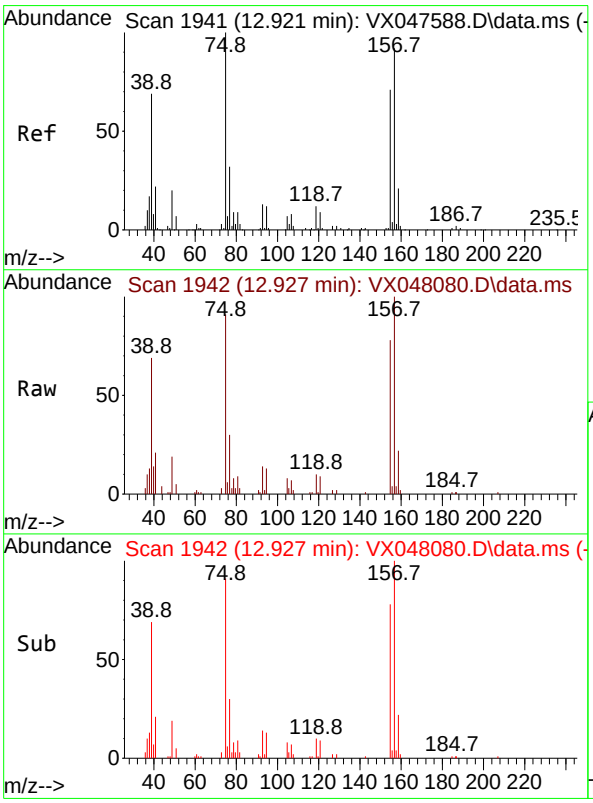
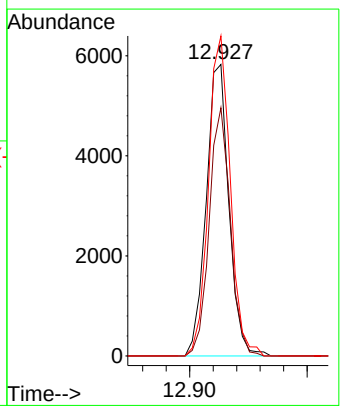
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

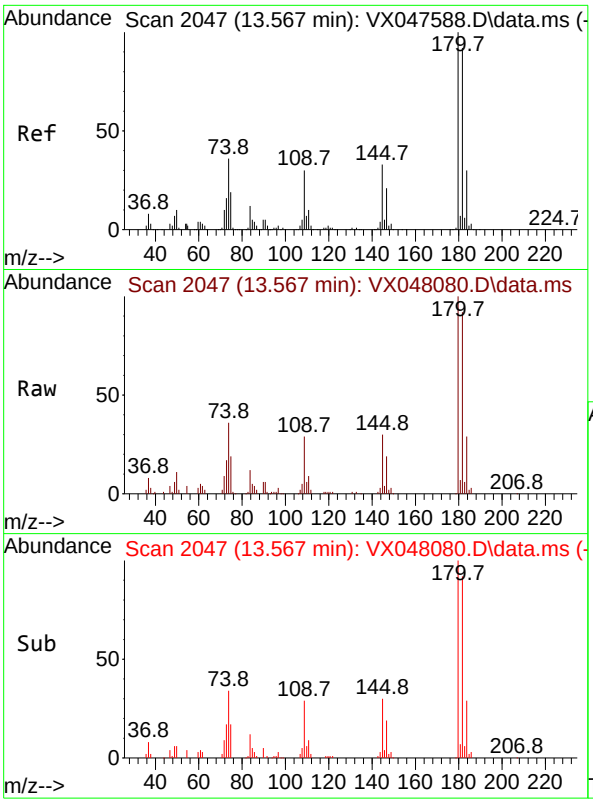


#92
1,2-Dibromo-3-Chloropropane
Concen: 15.765 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion: 75 Resp: 7800

Ion	Ratio	Lower	Upper
75	100		
155	79.4	37.7	113.1
157	105.4	49.8	149.4

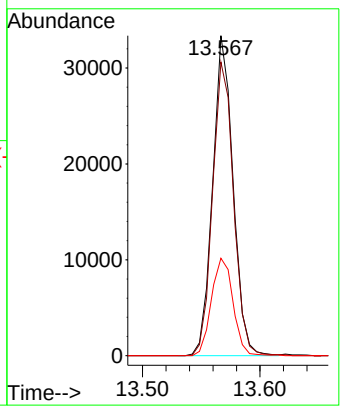




#93
1,2,4-Trichlorobenzene
Concen: 17.599 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:180 Resp: 4026

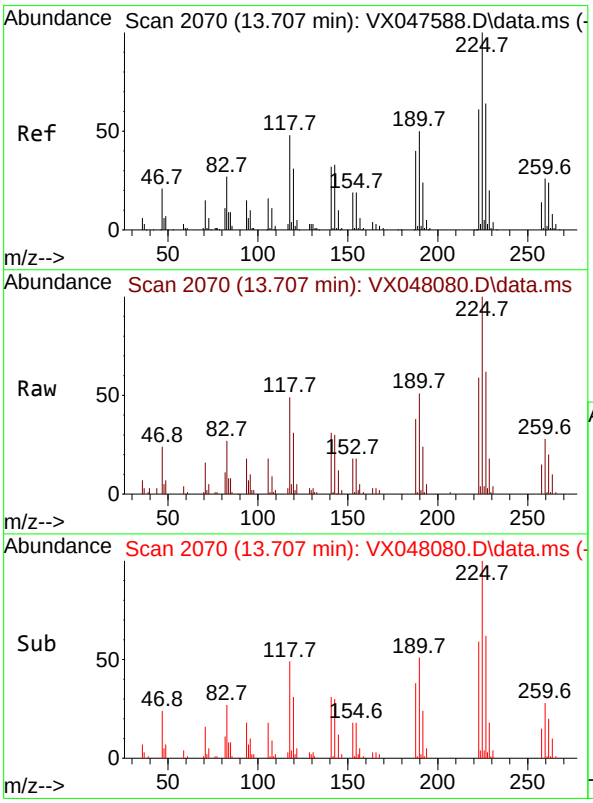
Ion	Ratio	Lower	Upper
180	100		
182	94.2	46.6	139.8
145	32.3	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
APPROVED

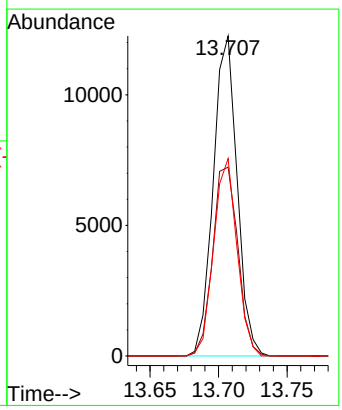
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

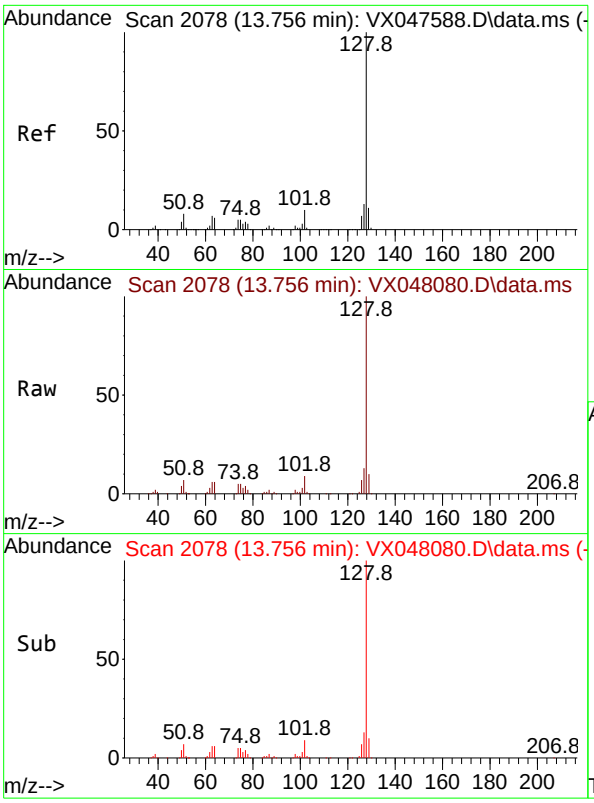


#94
Hexachlorobutadiene
Concen: 19.072 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:225 Resp: 14821

Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.7	95.1
227	60.3	32.0	96.0

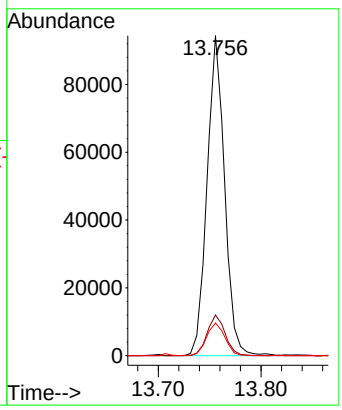




#95
Naphthalene
Concen: 16.061 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:128 Resp: 11188

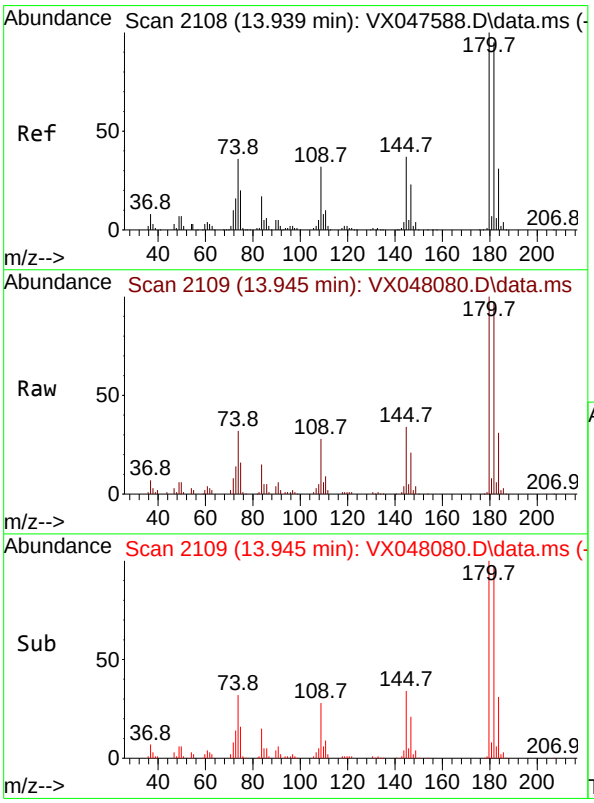
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS02

Manual Integrations
APPROVED

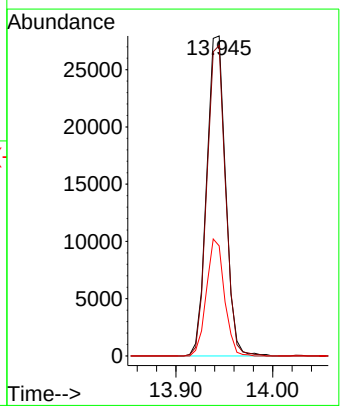
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.805 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048080.D
Acq: 09 Oct 2025 12:58

Tgt Ion:180 Resp: 37893

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.8
145	34.9	17.9	53.7



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1010WBS01	SDG No.:	Q3311
Lab Sample ID:	VX1010WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	20.7		1	0.22	1.00	ug/L	10/10/25 12:30	VX101025
74-87-3	Chloromethane	17.6		1	0.32	1.00	ug/L	10/10/25 12:30	VX101025
75-01-4	Vinyl Chloride	19.2		1	0.26	1.00	ug/L	10/10/25 12:30	VX101025
74-83-9	Bromomethane	20.6		1	1.40	5.00	ug/L	10/10/25 12:30	VX101025
75-00-3	Chloroethane	18.7		1	0.47	1.00	ug/L	10/10/25 12:30	VX101025
75-69-4	Trichlorofluoromethane	19.8		1	0.33	1.00	ug/L	10/10/25 12:30	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		1	0.25	1.00	ug/L	10/10/25 12:30	VX101025
75-35-4	1,1-Dichloroethene	18.5		1	0.23	1.00	ug/L	10/10/25 12:30	VX101025
67-64-1	Acetone	67.1		1	1.50	5.00	ug/L	10/10/25 12:30	VX101025
75-15-0	Carbon Disulfide	20.2		1	0.21	1.00	ug/L	10/10/25 12:30	VX101025
1634-04-4	Methyl tert-butyl Ether	16.3		1	0.16	1.00	ug/L	10/10/25 12:30	VX101025
79-20-9	Methyl Acetate	14.2		1	0.27	1.00	ug/L	10/10/25 12:30	VX101025
75-09-2	Methylene Chloride	17.6		1	0.28	1.00	ug/L	10/10/25 12:30	VX101025
156-60-5	trans-1,2-Dichloroethene	18.3		1	0.23	1.00	ug/L	10/10/25 12:30	VX101025
75-34-3	1,1-Dichloroethane	17.5		1	0.23	1.00	ug/L	10/10/25 12:30	VX101025
110-82-7	Cyclohexane	19.2		1	1.50	5.00	ug/L	10/10/25 12:30	VX101025
78-93-3	2-Butanone	71.9		1	0.98	5.00	ug/L	10/10/25 12:30	VX101025
56-23-5	Carbon Tetrachloride	19.5		1	0.25	1.00	ug/L	10/10/25 12:30	VX101025
156-59-2	cis-1,2-Dichloroethene	17.7		1	0.19	1.00	ug/L	10/10/25 12:30	VX101025
74-97-5	Bromochloromethane	24.4		1	0.22	1.00	ug/L	10/10/25 12:30	VX101025
67-66-3	Chloroform	18.5		1	0.25	1.00	ug/L	10/10/25 12:30	VX101025
71-55-6	1,1,1-Trichloroethane	18.3		1	0.20	1.00	ug/L	10/10/25 12:30	VX101025
108-87-2	Methylcyclohexane	20.4		1	0.16	1.00	ug/L	10/10/25 12:30	VX101025
71-43-2	Benzene	19.2		1	0.15	1.00	ug/L	10/10/25 12:30	VX101025
107-06-2	1,2-Dichloroethane	18.7		1	0.22	1.00	ug/L	10/10/25 12:30	VX101025
79-01-6	Trichloroethene	18.9		1	0.090	1.00	ug/L	10/10/25 12:30	VX101025
78-87-5	1,2-Dichloropropane	18.9		1	0.20	1.00	ug/L	10/10/25 12:30	VX101025
75-27-4	Bromodichloromethane	18.9		1	0.22	1.00	ug/L	10/10/25 12:30	VX101025
108-10-1	4-Methyl-2-Pentanone	81.3		1	0.68	5.00	ug/L	10/10/25 12:30	VX101025
108-88-3	Toluene	19.1		1	0.14	1.00	ug/L	10/10/25 12:30	VX101025
10061-02-6	t-1,3-Dichloropropene	18.3		1	0.17	1.00	ug/L	10/10/25 12:30	VX101025
10061-01-5	cis-1,3-Dichloropropene	18.7		1	0.16	1.00	ug/L	10/10/25 12:30	VX101025
79-00-5	1,1,2-Trichloroethane	18.5		1	0.21	1.00	ug/L	10/10/25 12:30	VX101025
591-78-6	2-Hexanone	76.5		1	0.89	5.00	ug/L	10/10/25 12:30	VX101025
124-48-1	Dibromochloromethane	19.5		1	0.18	1.00	ug/L	10/10/25 12:30	VX101025
106-93-4	1,2-Dibromoethane	18.7		1	0.15	1.00	ug/L	10/10/25 12:30	VX101025
127-18-4	Tetrachloroethene	20.0		1	0.23	1.00	ug/L	10/10/25 12:30	VX101025
108-90-7	Chlorobenzene	18.6		1	0.12	1.00	ug/L	10/10/25 12:30	VX101025
100-41-4	Ethyl Benzene	18.2		1	0.13	1.00	ug/L	10/10/25 12:30	VX101025
179601-23-1	m/p-Xylenes	36.7		1	0.24	2.00	ug/L	10/10/25 12:30	VX101025
95-47-6	o-Xylene	18.2		1	0.12	1.00	ug/L	10/10/25 12:30	VX101025
100-42-5	Styrene	17.9		1	0.15	1.00	ug/L	10/10/25 12:30	VX101025
75-25-2	Bromoform	18.0		1	0.19	1.00	ug/L	10/10/25 12:30	VX101025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1010WBS01	SDG No.:	Q3311
Lab Sample ID:	VX1010WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	17.5		1	0.12	1.00	ug/L	10/10/25 12:30	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	17.0		1	0.26	1.00	ug/L	10/10/25 12:30	VX101025
541-73-1	1,3-Dichlorobenzene	17.5		1	0.16	1.00	ug/L	10/10/25 12:30	VX101025
106-46-7	1,4-Dichlorobenzene	17.4		1	0.19	1.00	ug/L	10/10/25 12:30	VX101025
95-50-1	1,2-Dichlorobenzene	17.4		1	0.16	1.00	ug/L	10/10/25 12:30	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	13.9		1	0.53	1.00	ug/L	10/10/25 12:30	VX101025
120-82-1	1,2,4-Trichlorobenzene	16.1		1	0.20	1.00	ug/L	10/10/25 12:30	VX101025
87-61-6	1,2,3-Trichlorobenzene	16.1		1	0.20	1.00	ug/L	10/10/25 12:30	VX101025
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	45.4			74 - 125	91%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.1			75 - 124	100%	SPK: 50		
2037-26-5	Toluene-d8	48.3			86 - 113	97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.2			77 - 121	98%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	135000							
540-36-3	1,4-Difluorobenzene	229000							
3114-55-4	Chlorobenzene-d5	211000							
3855-82-1	1,4-Dichlorobenzene-d4	107000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048104.D
Acq On : 10 Oct 2025 12:30
Operator : JC/MD
Sample : VX1010WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 10 22:56:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	134840	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	228857	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	211483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	106925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	97357	45.360	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.720%			
35) Dibromofluoromethane	5.367	113	76905	50.106	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.220%			
50) Toluene-d8	8.628	98	256541	48.305	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.620%			
62) 4-Bromofluorobenzene	11.061	95	99197	49.215	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	28850	20.662	ug/l	98
3) Chloromethane	1.301	50	32383	17.646	ug/l	97
4) Vinyl Chloride	1.380	62	34576	19.248	ug/l	98
5) Bromomethane	1.618	94	23455	20.591	ug/l	98
6) Chloroethane	1.697	64	22473	18.718	ug/l	99
7) Trichlorofluoromethane	1.898	101	52897	19.832	ug/l	98
8) Diethyl Ether	2.136	74	18576	17.025	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	31268	20.049	ug/l	98
10) Methyl Iodide	2.459	142	35393	14.551	ug/l	97
11) Tert butyl alcohol	2.934	59	16327	68.302	ug/l	97
12) 1,1-Dichloroethene	2.325	96	29613	18.485	ug/l	91
13) Acrolein	2.233	56	18504	84.002	ug/l	96
14) Allyl chloride	2.666	41	54091	16.362	ug/l	99
15) Acrylonitrile	3.056	53	69742	78.767	ug/l	99
16) Acetone	2.374	43	62604	67.084	ug/l	97
17) Carbon Disulfide	2.514	76	88507	20.181	ug/l	99
18) Methyl Acetate	2.697	43	29463	14.186	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	95154	16.271	ug/l	100
20) Methylene Chloride	2.788	84	34798	17.616	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	31520	18.275	ug/l	96
22) Diisopropyl ether	3.745	45	112690	17.589	ug/l #	85
23) Vinyl Acetate	3.709	43	433804	84.600	ug/l	99
24) 1,1-Dichloroethane	3.605	63	59603	17.503	ug/l	99
25) 2-Butanone	4.538	43	83689	71.893	ug/l	98
26) 2,2-Dichloropropane	4.458	77	49184	17.375	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	37439	17.724	ug/l	99
28) Bromochloromethane	4.879	49	36287	24.409	ug/l	99
29) Tetrahydrofuran	4.983	42	50612	72.274	ug/l	99
30) Chloroform	5.074	83	63787	18.537	ug/l	98
31) Cyclohexane	5.458	56	54472	19.206	ug/l	100
32) 1,1,1-Trichloroethane	5.367	97	53512	18.333	ug/l	98
36) 1,1-Dichloropropene	5.672	75	42353	18.884	ug/l	97
37) Ethyl Acetate	4.696	43	36873	15.355	ug/l	98
38) Carbon Tetrachloride	5.660	117	47601	19.534	ug/l	99
39) Methylcyclohexane	7.360	83	51958	20.409	ug/l	96
40) Benzene	6.019	78	130453	19.151	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048104.D
Acq On : 10 Oct 2025 12:30
Operator : JC/MD
Sample : VX1010WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 10 22:56:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	20577	16.598	ug/l		99
42) 1,2-Dichloroethane	6.068	62	48360	18.659	ug/l		98
43) Isopropyl Acetate	6.318	43	62854	15.959	ug/l		100
44) Trichloroethene	7.104	130	31046	18.852	ug/l		98
45) 1,2-Dichloropropane	7.409	63	33003	18.921	ug/l		97
46) Dibromomethane	7.568	93	24039	18.939	ug/l		99
47) Bromodichloromethane	7.805	83	49617	18.943	ug/l		100
48) Methyl methacrylate	7.677	41	31339	15.975	ug/l		99
49) 1,4-Dioxane	7.647	88	6966	351.364	ug/l	#	88
51) 4-Methyl-2-Pentanone	8.555	43	177554	81.312	ug/l		98
52) Toluene	8.702	92	80356	19.147	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	48949	18.321	ug/l		99
54) cis-1,3-Dichloropropene	8.348	75	53385	18.695	ug/l		99
55) 1,1,2-Trichloroethane	9.134	97	29866	18.456	ug/l		97
56) Ethyl methacrylate	9.098	69	42770	16.829	ug/l		98
57) 1,3-Dichloropropane	9.293	76	52782	18.987	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	104857	93.585	ug/l		99
59) 2-Hexanone	9.415	43	119953	76.487	ug/l		100
60) Dibromochloromethane	9.500	129	36421	19.533	ug/l		99
61) 1,2-Dibromoethane	9.592	107	30874	18.731	ug/l		99
64) Tetrachloroethene	9.256	164	27563	19.993	ug/l		98
65) Chlorobenzene	10.061	112	89429	18.614	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	30795	18.575	ug/l		99
67) Ethyl Benzene	10.177	91	151142	18.232	ug/l		98
68) m/p-Xylenes	10.287	106	113176	36.680	ug/l		98
69) o-Xylene	10.622	106	54224	18.169	ug/l		98
70) Styrene	10.640	104	93365	17.854	ug/l		99
71) Bromoform	10.781	173	22230	17.957	ug/l	#	99
73) Isopropylbenzene	10.945	105	142292	17.504	ug/l		99
74) N-amyl acetate	10.823	43	53326	14.385	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	41760	16.979	ug/l		98
76) 1,2,3-Trichloropropane	11.219	75	35694m	16.488	ug/l		
77) Bromobenzene	11.183	156	33897	16.930	ug/l		99
78) n-propylbenzene	11.287	91	170232	17.715	ug/l		100
79) 2-Chlorotoluene	11.348	91	101673	17.275	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	118528	17.747	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	12209	14.382	ug/l		97
82) 4-Chlorotoluene	11.439	91	121212	17.437	ug/l		99
83) tert-Butylbenzene	11.695	119	118494	17.331	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	118622	17.519	ug/l		100
85) sec-Butylbenzene	11.872	105	146302	18.015	ug/l		99
86) p-Isopropyltoluene	11.994	119	121939	17.736	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	65141	17.517	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	66408	17.399	ug/l		98
89) n-Butylbenzene	12.317	91	113807	17.890	ug/l		97
90) Hexachloroethane	12.518	117	22140	18.342	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	61743	17.427	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	6910	13.877	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	37003	16.070	ug/l		100
94) Hexachlorobutadiene	13.707	225	14464	18.493	ug/l		98
95) Naphthalene	13.756	128	99347	14.169	ug/l		99
96) 1,2,3-Trichlorobenzene	13.945	180	34556	16.133	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048104.D
Acq On : 10 Oct 2025 12:30
Operator : JC/MD
Sample : VX1010WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 10 22:56:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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Supervised By :Mahesh Dadoda 10/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048104.D
Acq On : 10 Oct 2025 12:30
Operator : JC/MD
Sample : VX1010WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 10 22:56:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
VX1010WBS01

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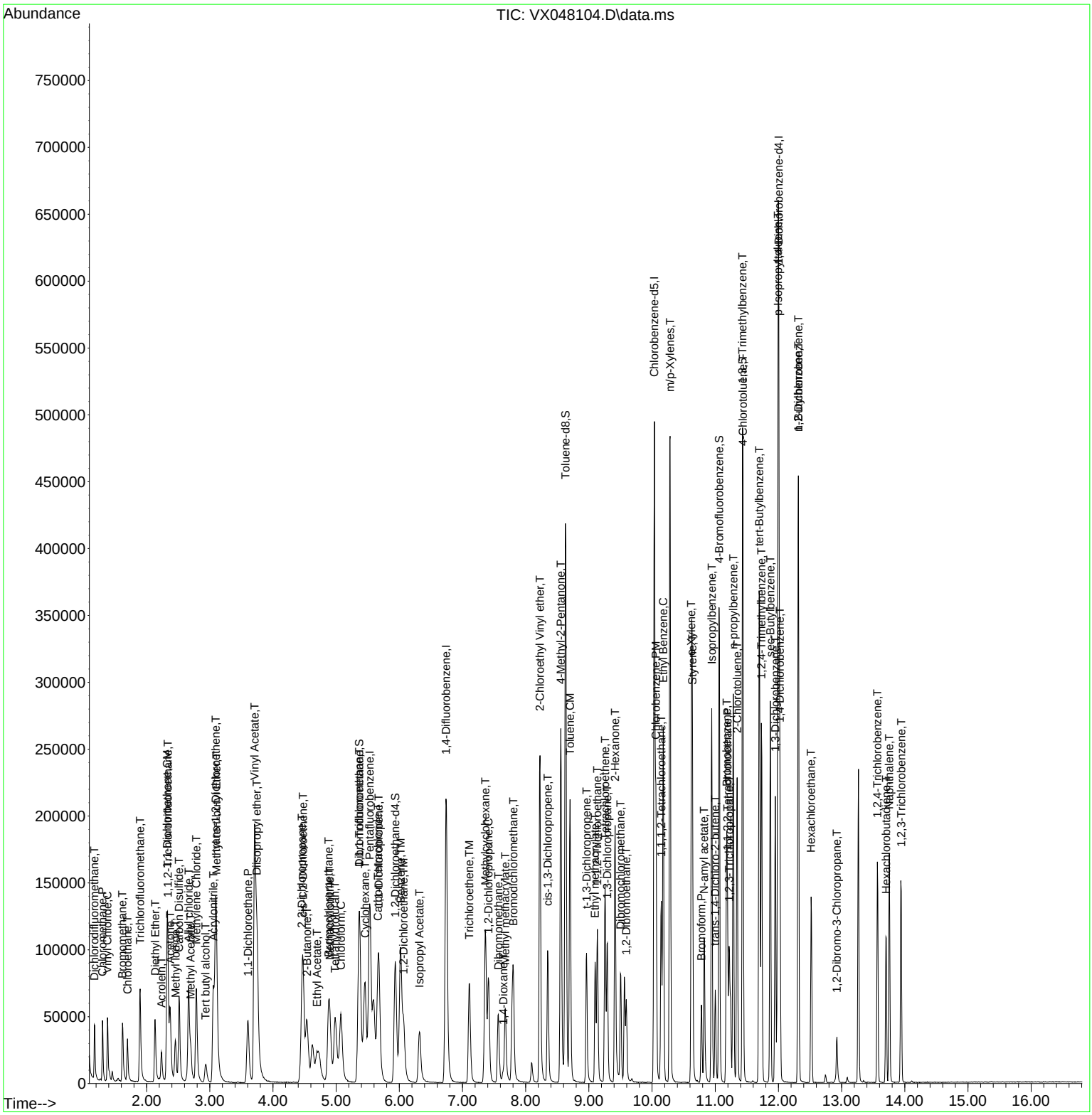
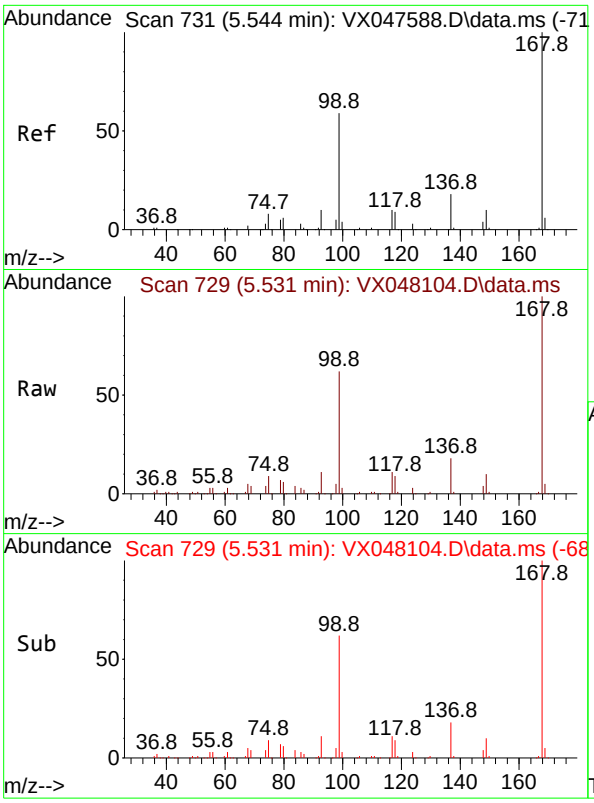
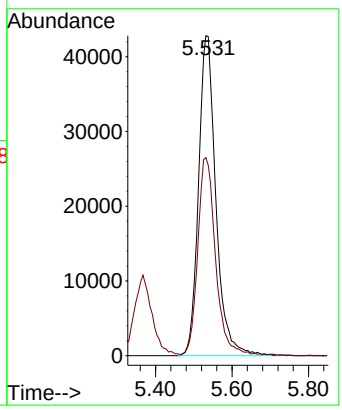




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:168 Resp: 13484

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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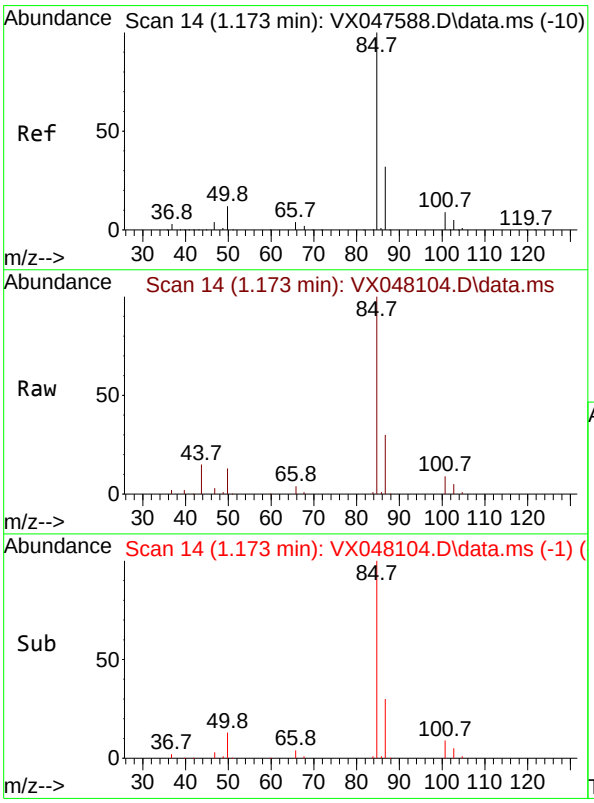
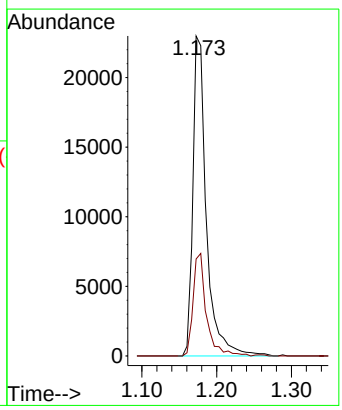
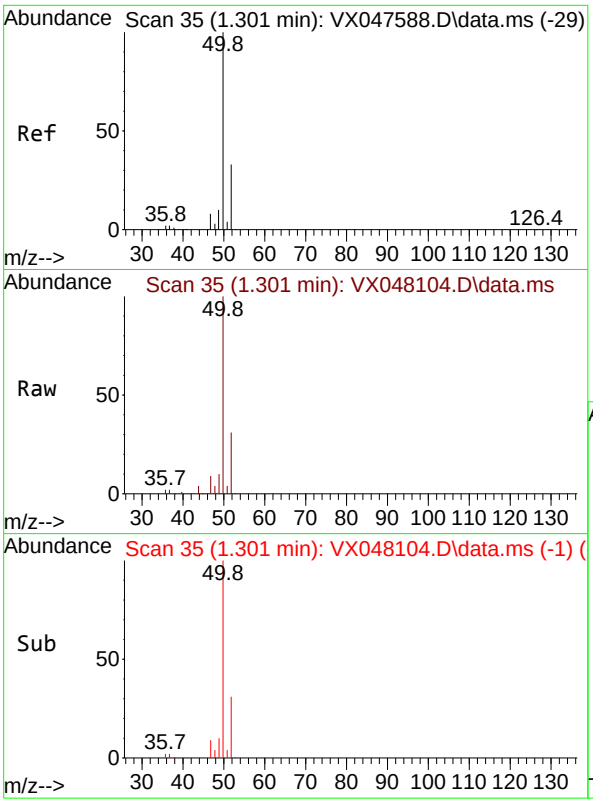


#2
Dichlorodifluoromethane
Concen: 20.662 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 85 Resp: 28850

Ion	Ratio	Lower	Upper
85	100		
87	30.3	15.8	47.3

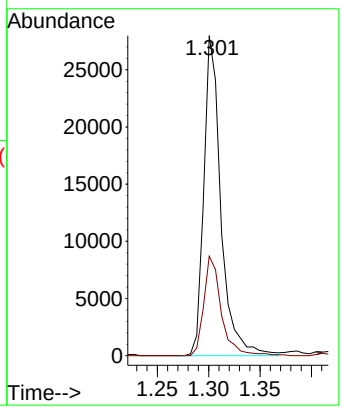




#3
Chloromethane
Concen: 17.646 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 50 Resp: 3238

Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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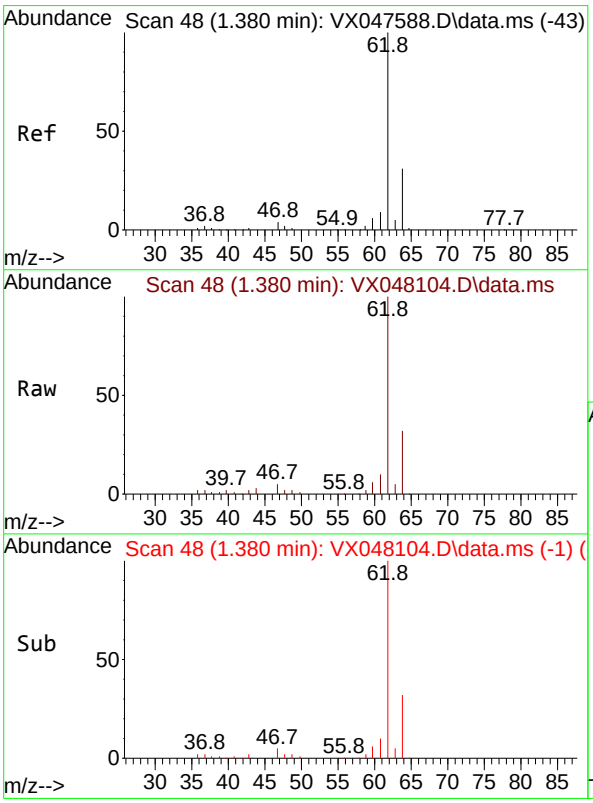
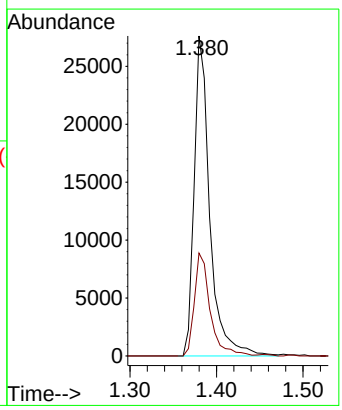
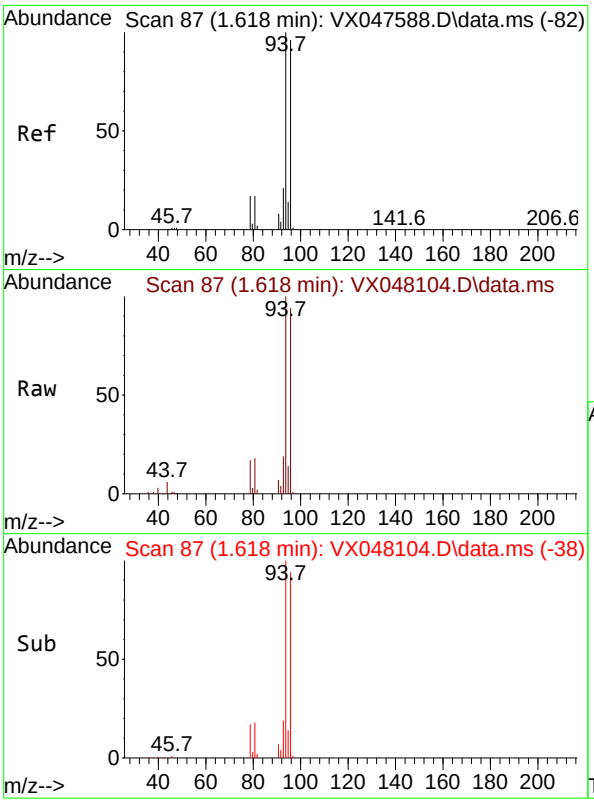


#4
Vinyl Chloride
Concen: 19.248 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 62 Resp: 34576

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.9	37.3

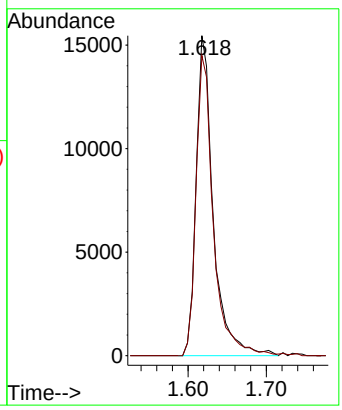




#5
Bromomethane
Concen: 20.591 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 94 Resp: 2345

Ion	Ratio	Lower	Upper
94	100		
96	93.7	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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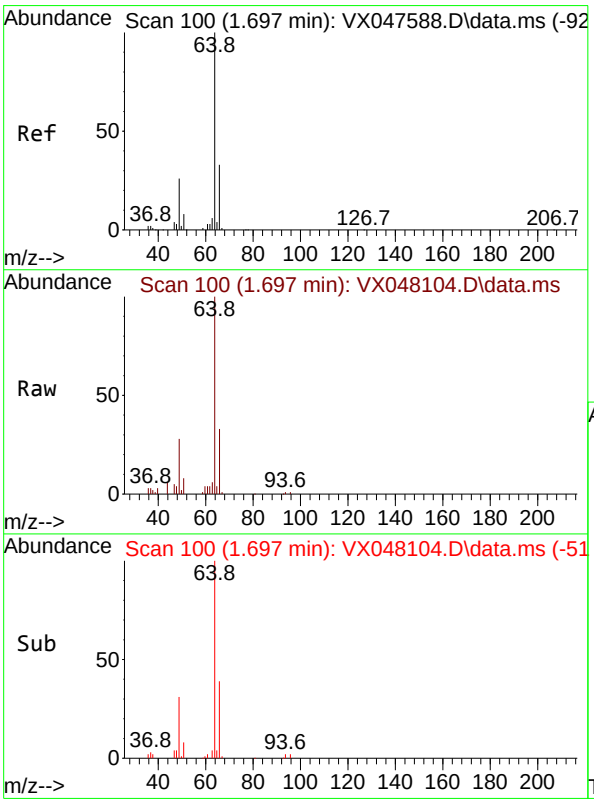
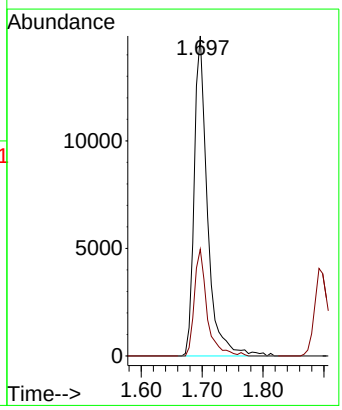
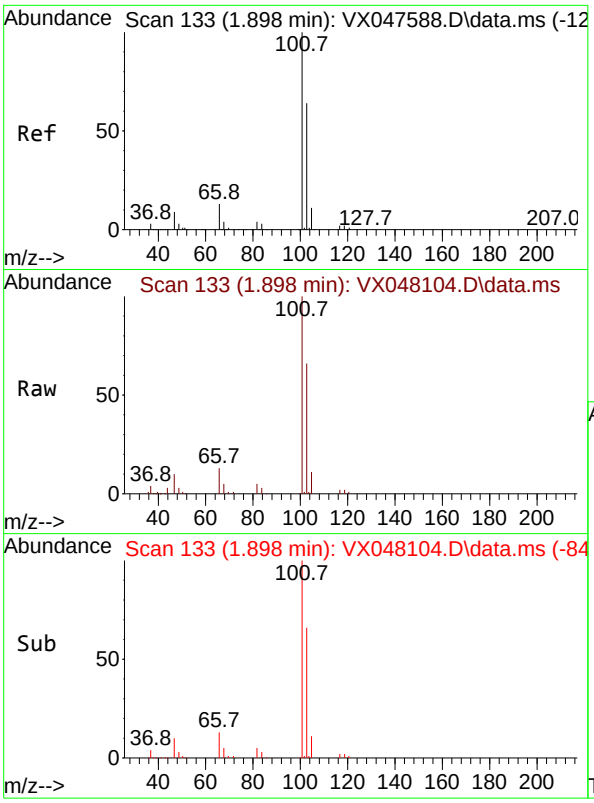


#6
Chloroethane
Concen: 18.718 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 64 Resp: 22473

Ion	Ratio	Lower	Upper
64	100		
66	33.3	26.1	39.1

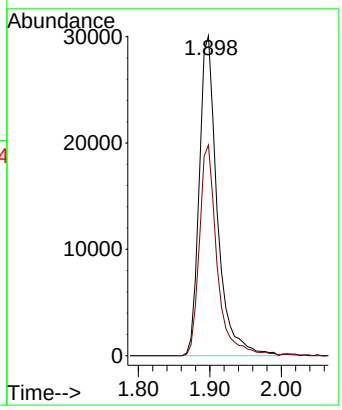




#7
Trichlorofluoromethane
Concen: 19.832 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:101 Resp: 5289

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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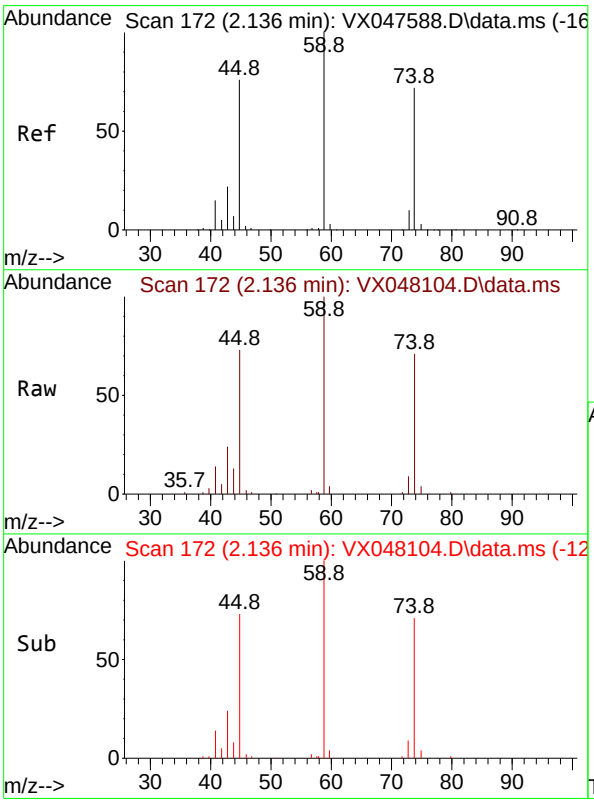
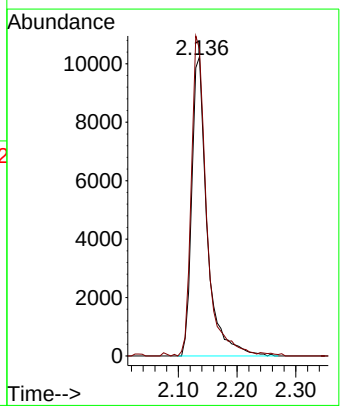
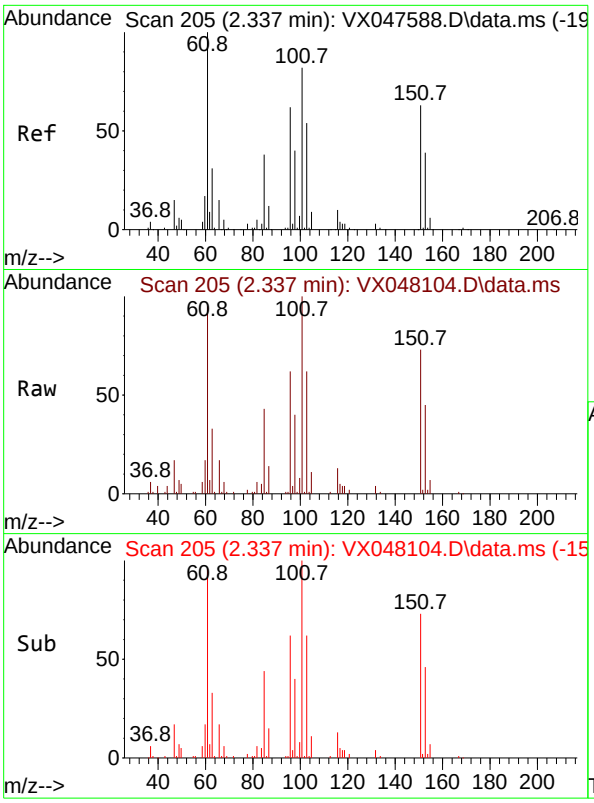


#8
Diethyl Ether
Concen: 17.025 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 74 Resp: 18576

Ion	Ratio	Lower	Upper
74	100		
45	106.5	52.3	156.8

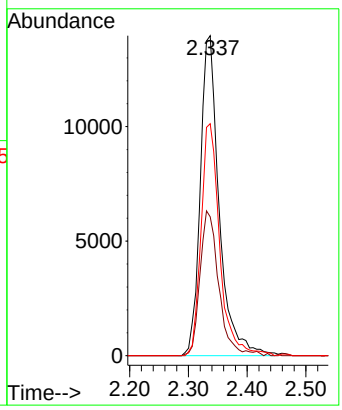




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.049 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:101 Resp: 3126

Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.5	53.3
151	71.6	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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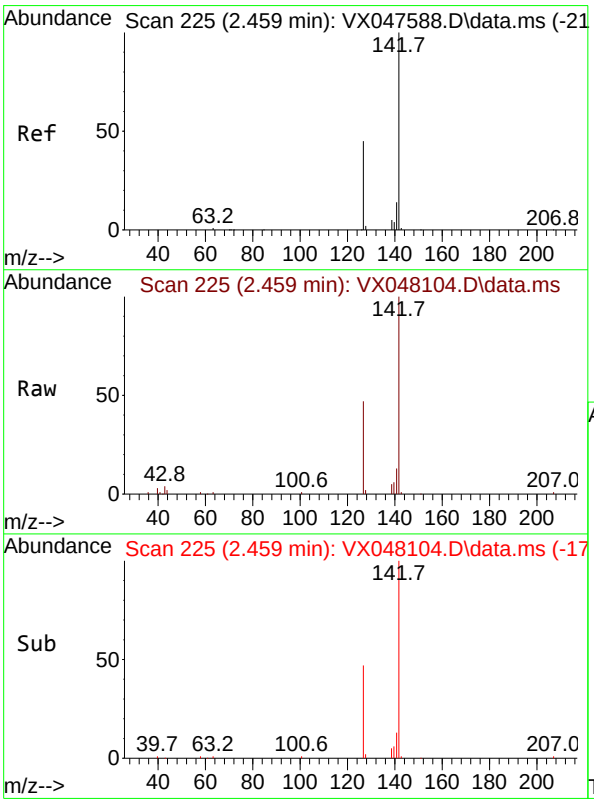
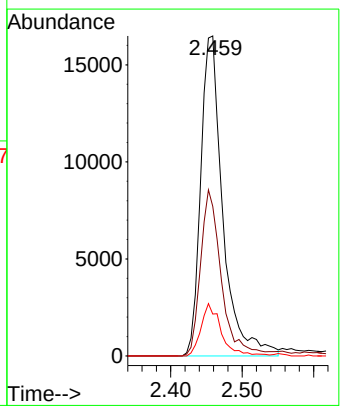
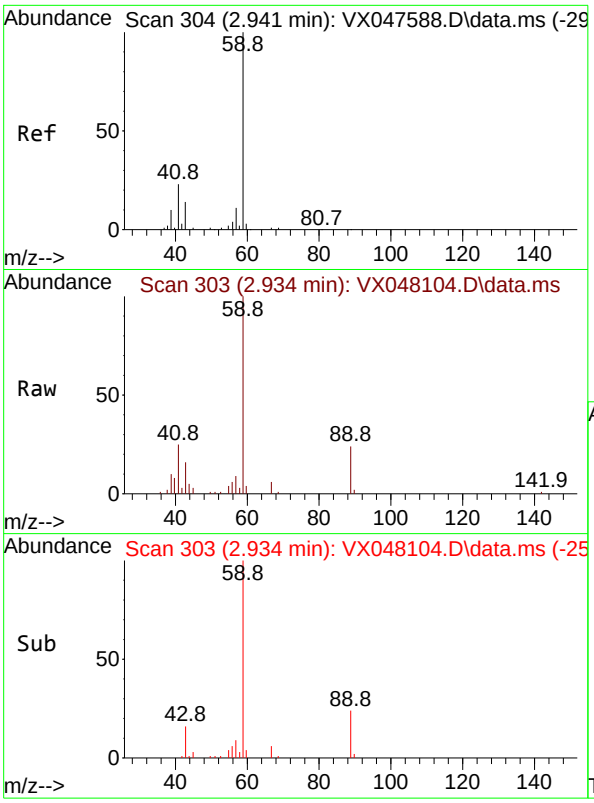


#10
Methyl Iodide
Concen: 14.551 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:142 Resp: 35393

Ion	Ratio	Lower	Upper
142	100		
127	48.8	37.2	55.8
141	15.0	11.4	17.0





#11
Tert butyl alcohol
Concen: 68.302 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 59 Resp: 1632

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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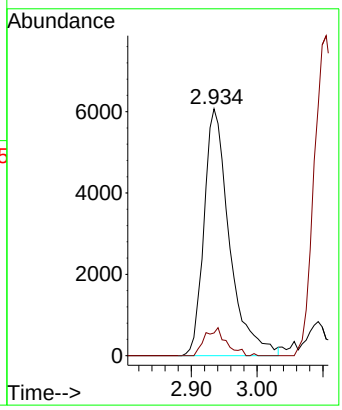
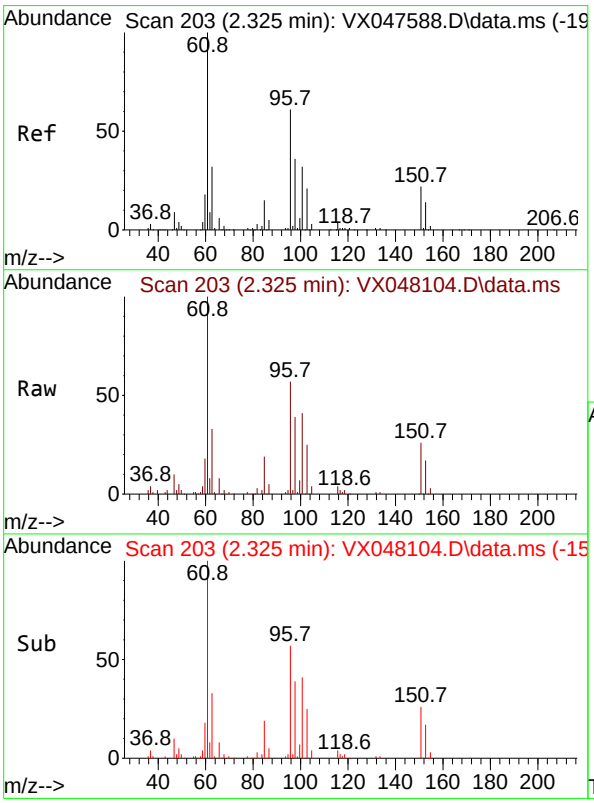
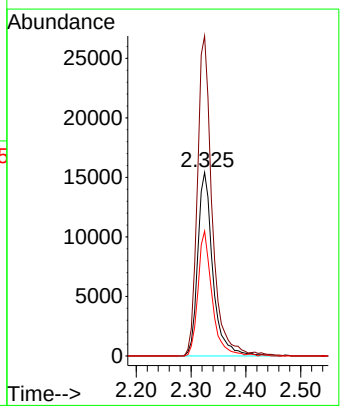


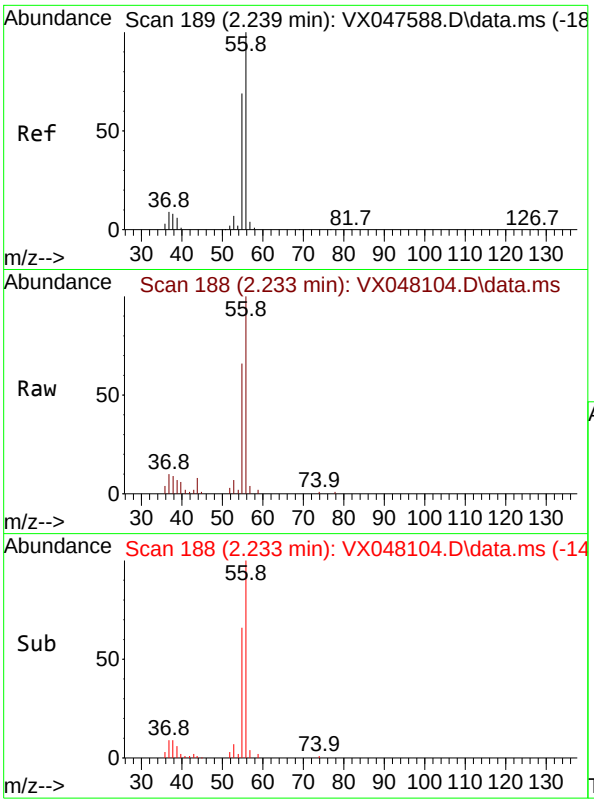


#12
1,1-Dichloroethene
Concen: 18.485 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 96 Resp: 29613

Ion	Ratio	Lower	Upper
96	100		
61	174.3	131.0	196.6
98	68.0	47.7	71.5

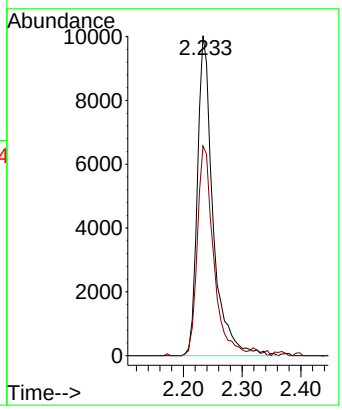




#13
Acrolein
Concen: 84.002 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 56 Resp: 1850

Ion	Ratio	Lower	Upper
56	100		
55	68.3	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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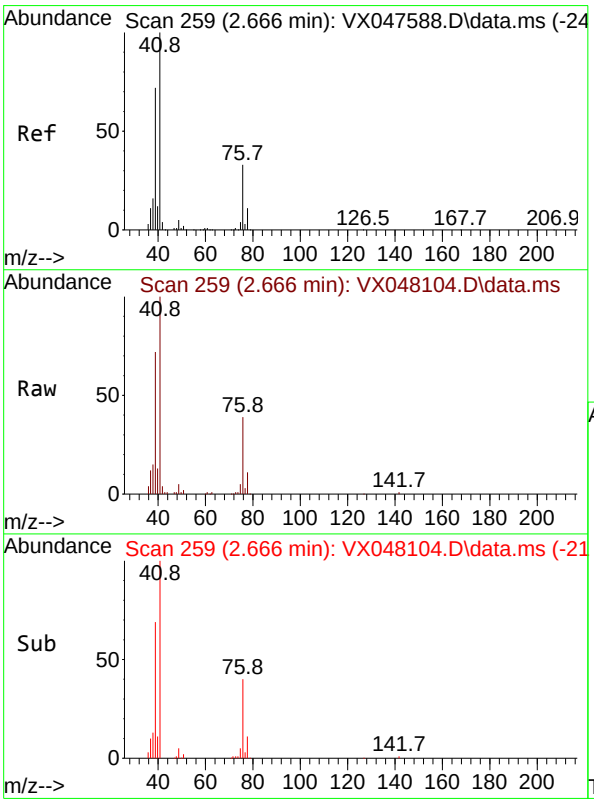
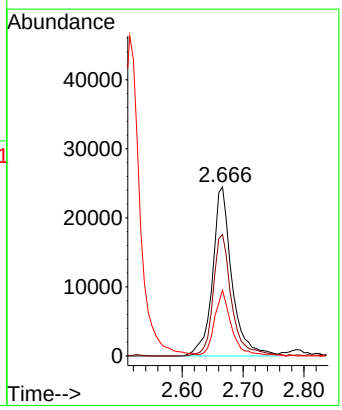
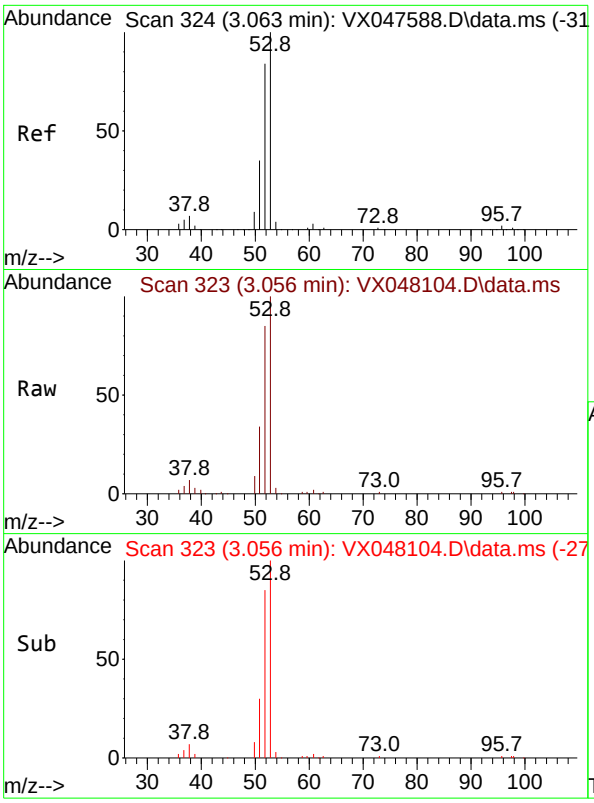


#14
Allyl chloride
Concen: 16.362 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 41 Resp: 54091

Ion	Ratio	Lower	Upper
41	100		
39	68.8	54.7	82.1
76	34.0	25.7	38.5

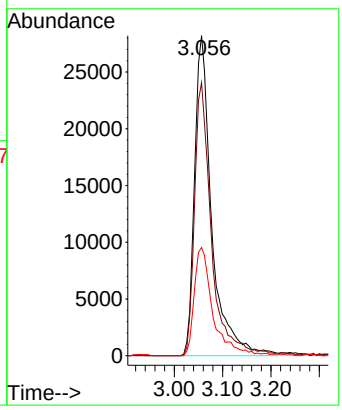




#15
Acrylonitrile
Concen: 78.767 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 53 Resp: 6974

Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.4	99.6
51	36.8	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
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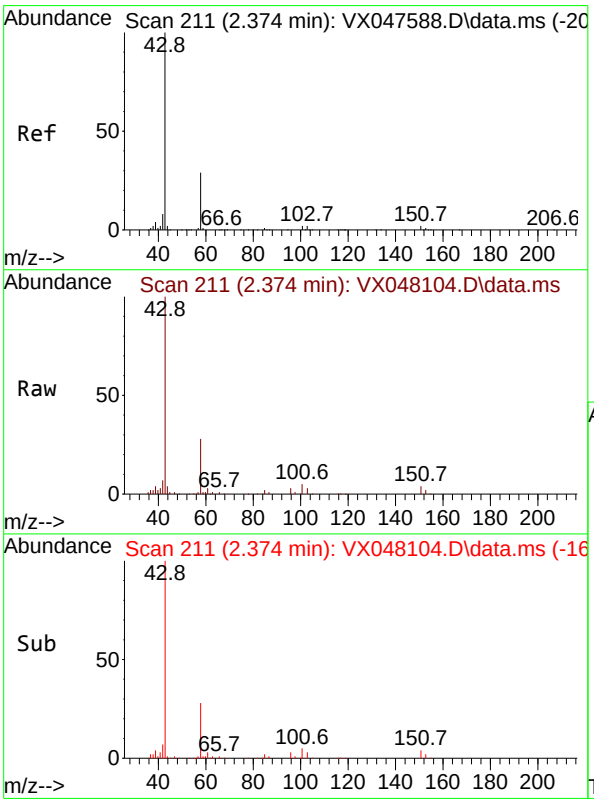
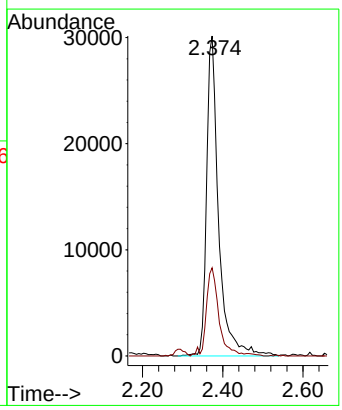
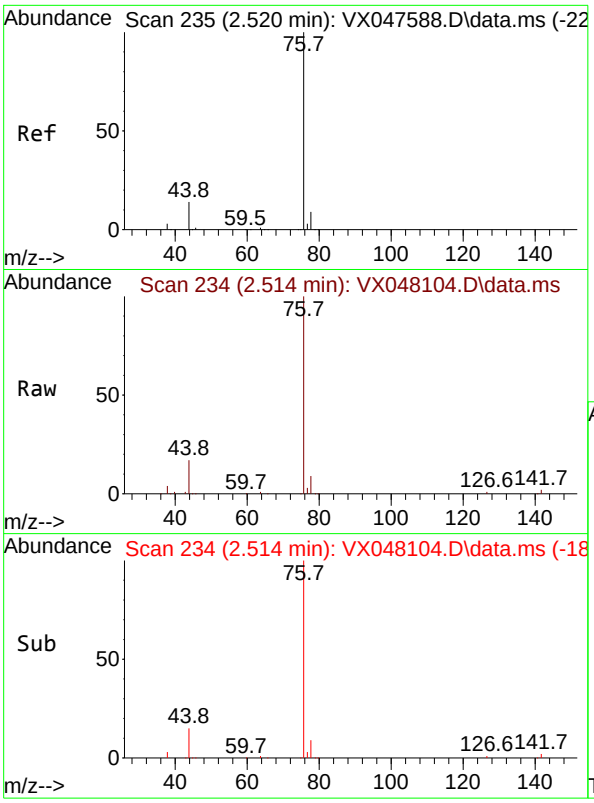


#16
Acetone
Concen: 67.084 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 62604

Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.4	35.0





#17
Carbon Disulfide
Concen: 20.181 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 76 Resp: 8850

Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
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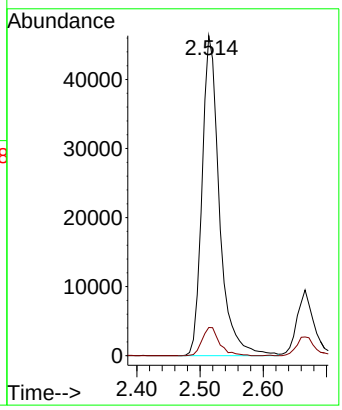
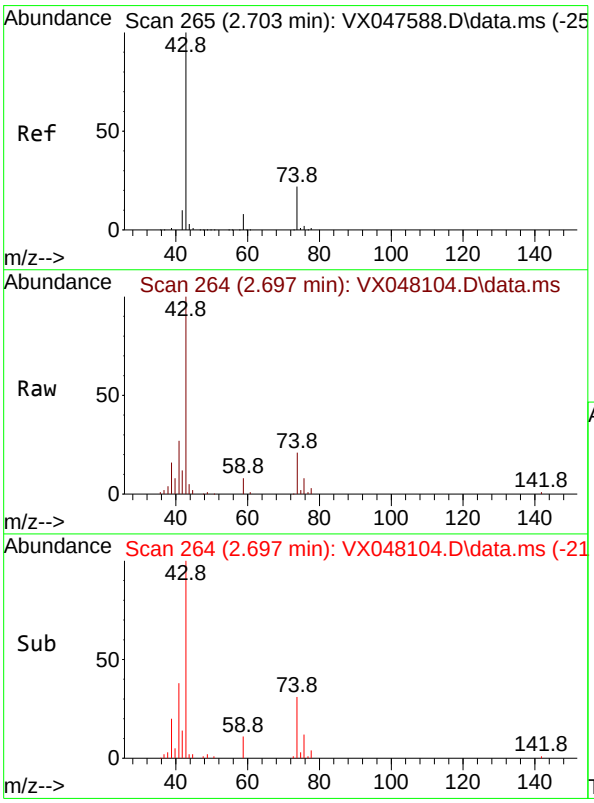
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

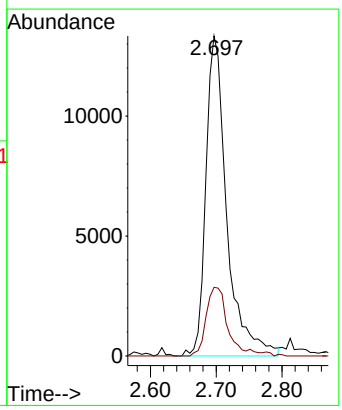


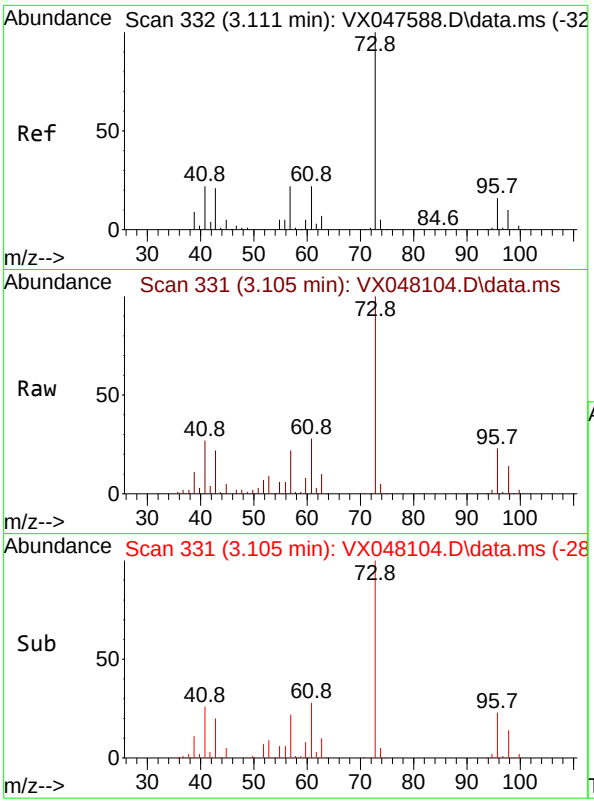


#18
Methyl Acetate
Concen: 14.186 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 29463

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2

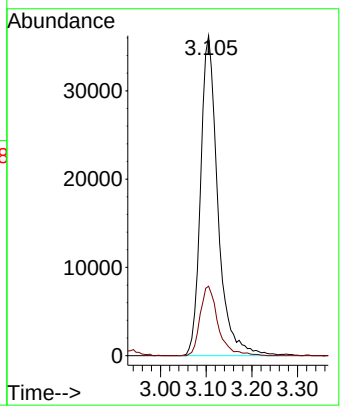




#19
Methyl tert-butyl Ether
Concen: 16.271 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 73 Resp: 9515

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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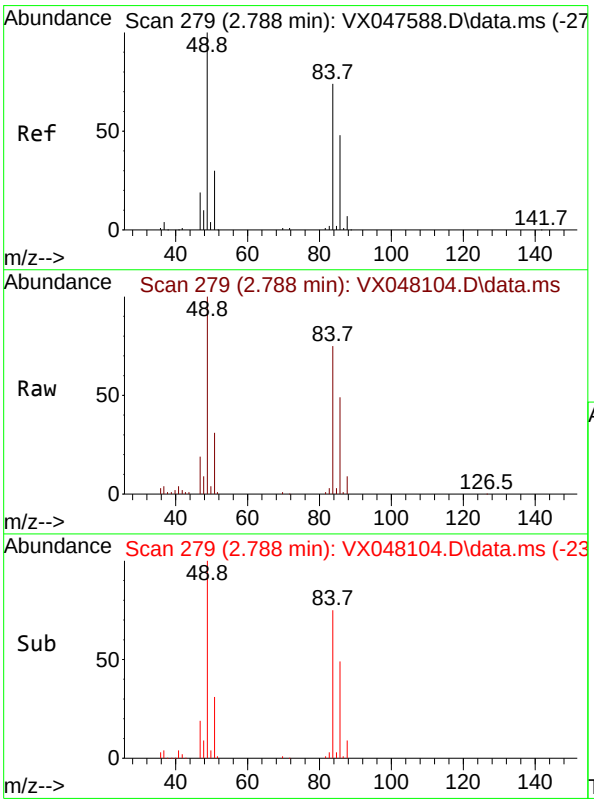
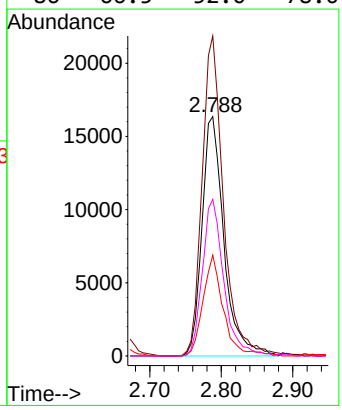
Supervised By :Mahesh Dadoda 10/13/2025

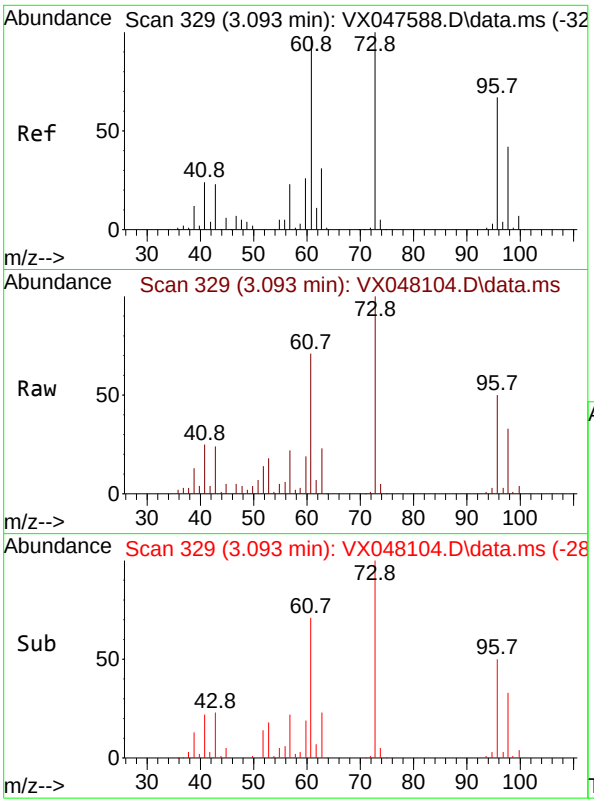


#20
Methylene Chloride
Concen: 17.616 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 84 Resp: 34798

Ion	Ratio	Lower	Upper
84	100		
49	133.7	108.6	162.8
51	42.8	32.6	48.8
86	66.5	52.0	78.0

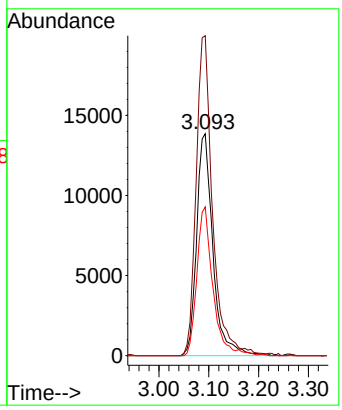




#21
trans-1,2-Dichloroethene
Concen: 18.275 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 96 Resp: 3152

Ion	Ratio	Lower	Upper
96	100		
61	144.2	116.2	174.2
98	69.2	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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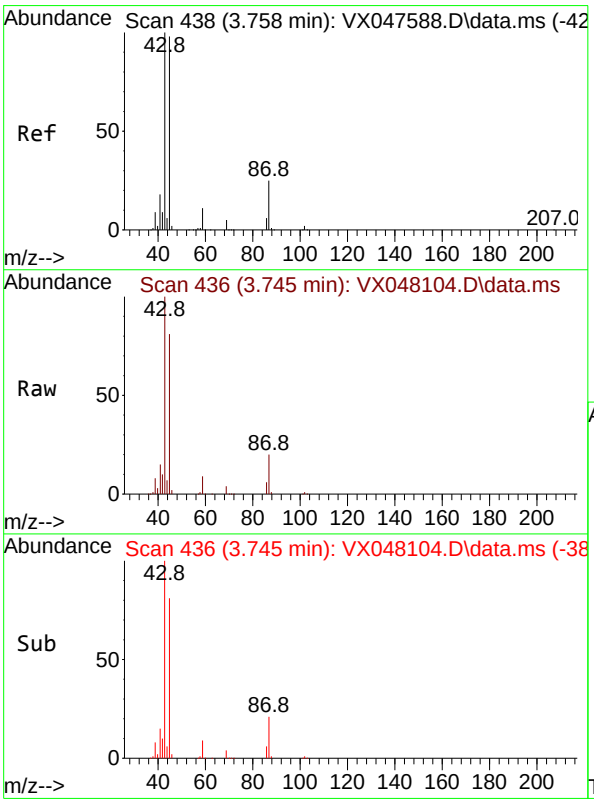
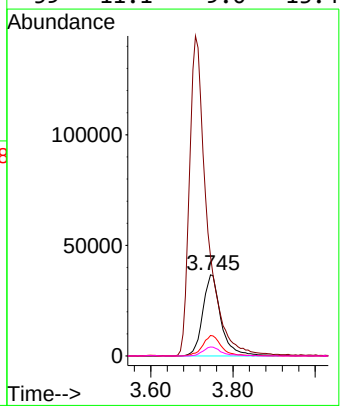
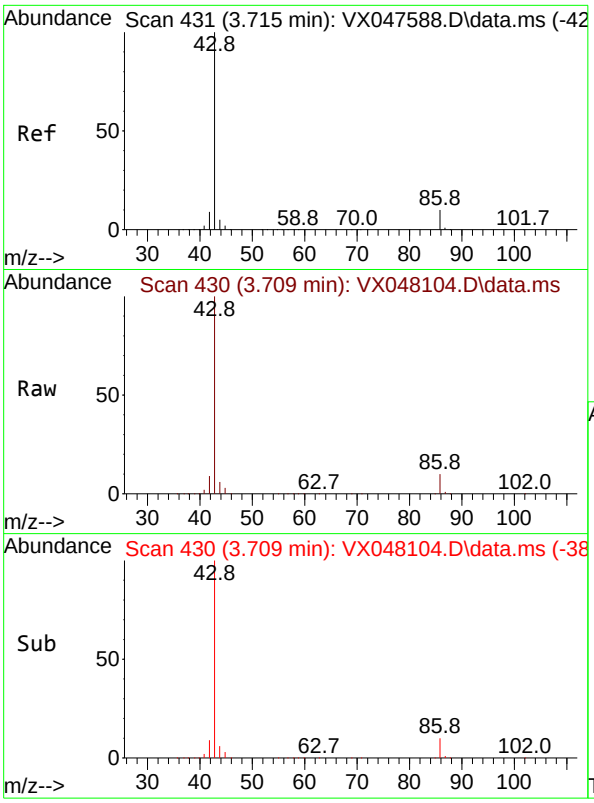


#22
Diisopropyl ether
Concen: 17.589 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 45 Resp: 112690

Ion	Ratio	Lower	Upper
45	100		
43	121.9	81.0	121.4#
87	25.2	20.3	30.5
59	11.1	9.0	13.4





#23
Vinyl Acetate
Concen: 84.600 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 43380

Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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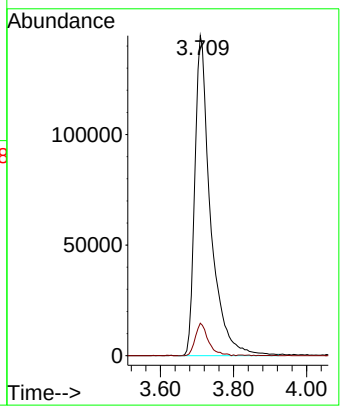
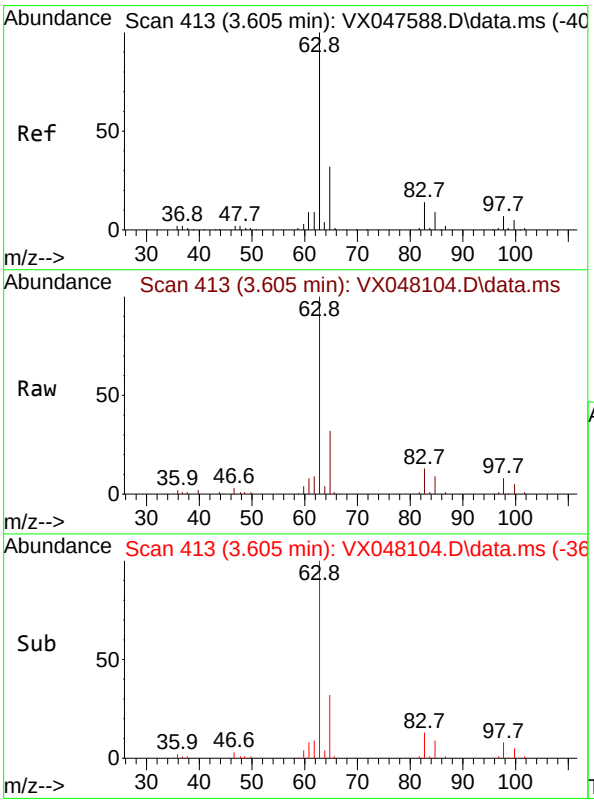
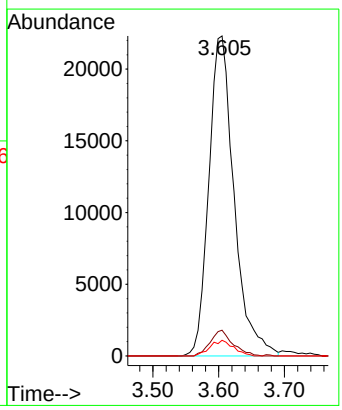


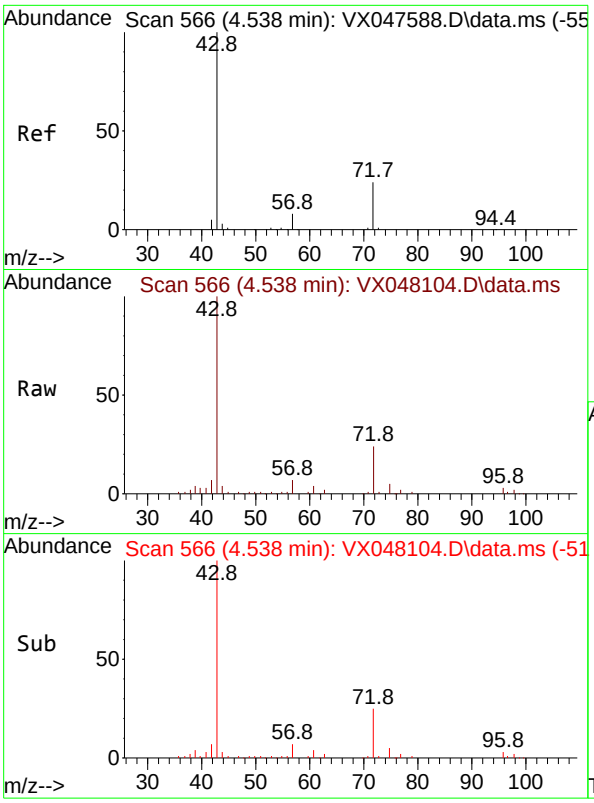


#24
1,1-Dichloroethane
Concen: 17.503 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 63 Resp: 59603

Ion	Ratio	Lower	Upper
63	100		
98	8.1	3.8	11.2
100	4.9	2.3	6.9





#25
2-Butanone
Concen: 71.893 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 8368

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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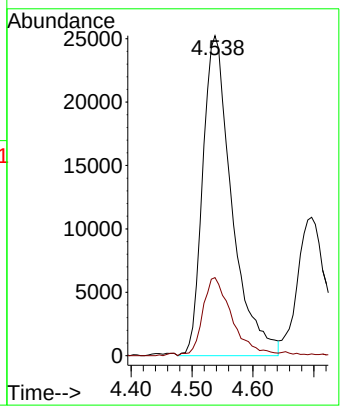
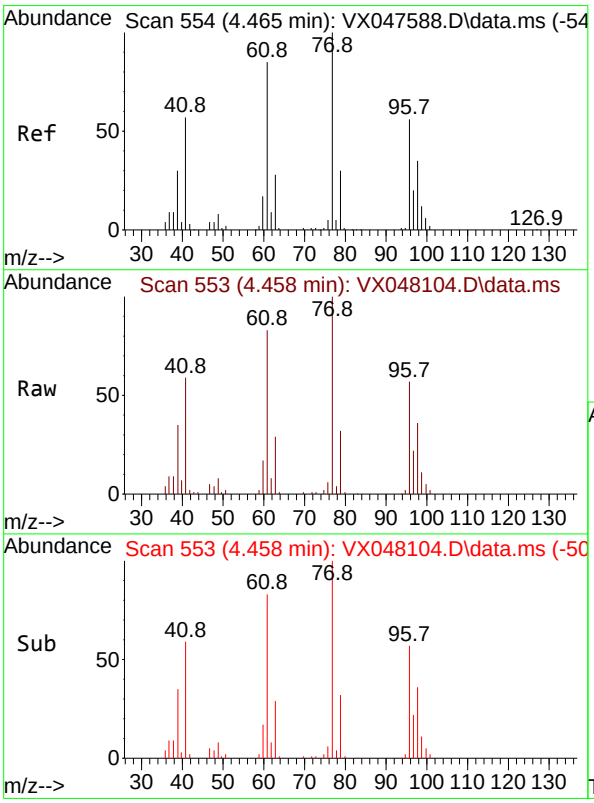
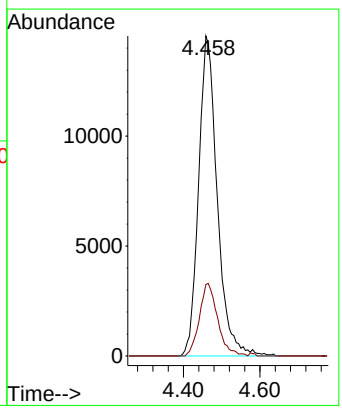


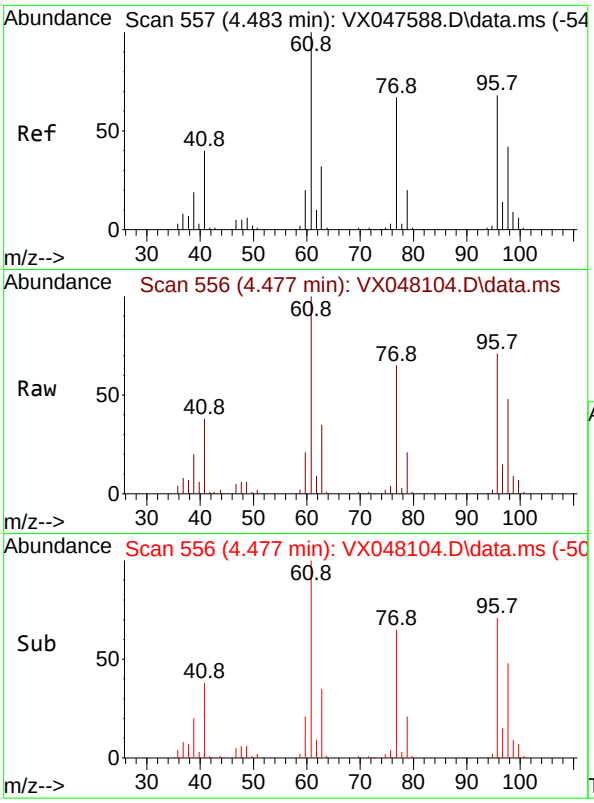


#26
2,2-Dichloropropane
Concen: 17.375 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 77 Resp: 49184

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7

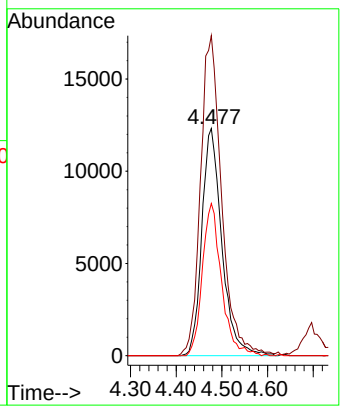




#27
cis-1,2-Dichloroethene
Concen: 17.724 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 96 Resp: 3743

Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	303.2
98	64.3	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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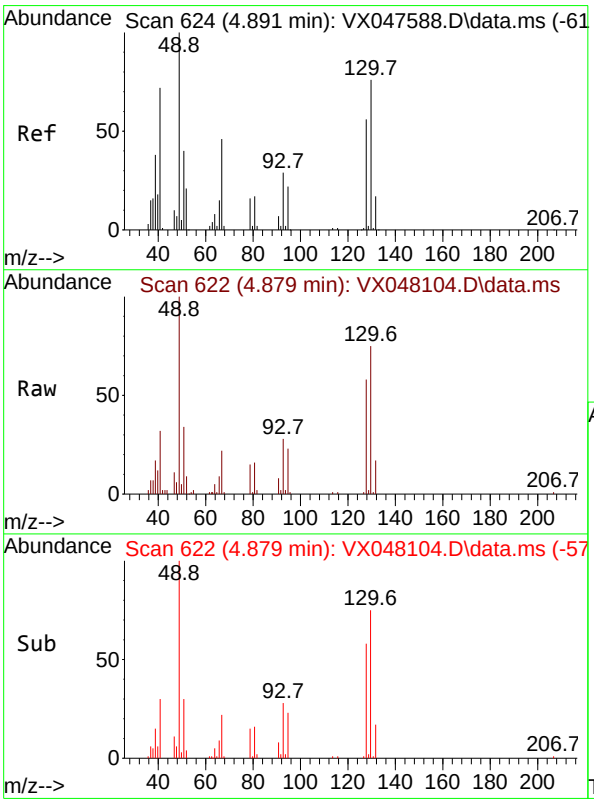
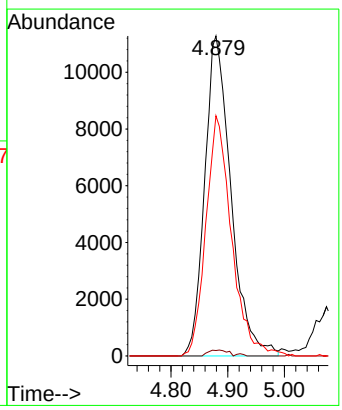
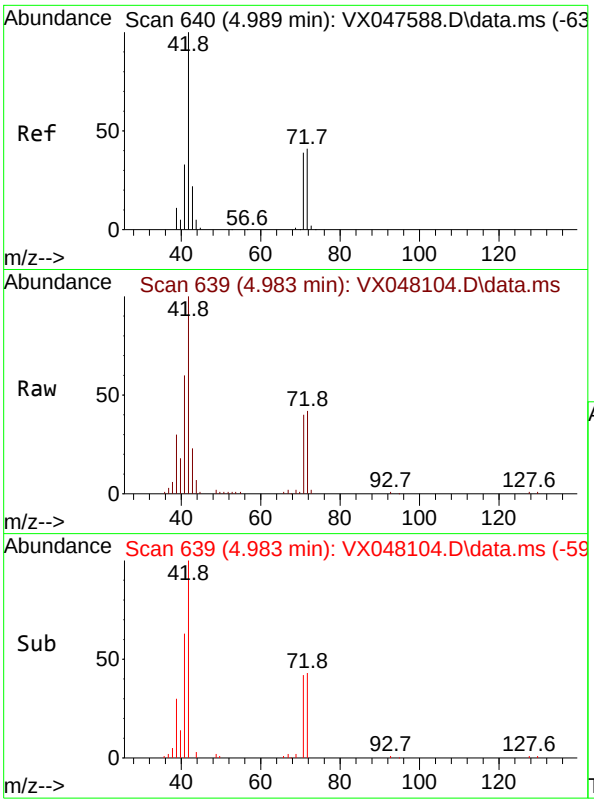


#28
Bromochloromethane
Concen: 24.409 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 49 Resp: 36287

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.2
130	73.4	57.8	86.8

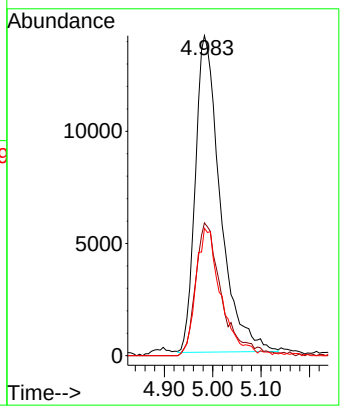




#29
Tetrahydrofuran
Concen: 72.274 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 42 Resp: 5061

Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.2	51.2
71	40.2	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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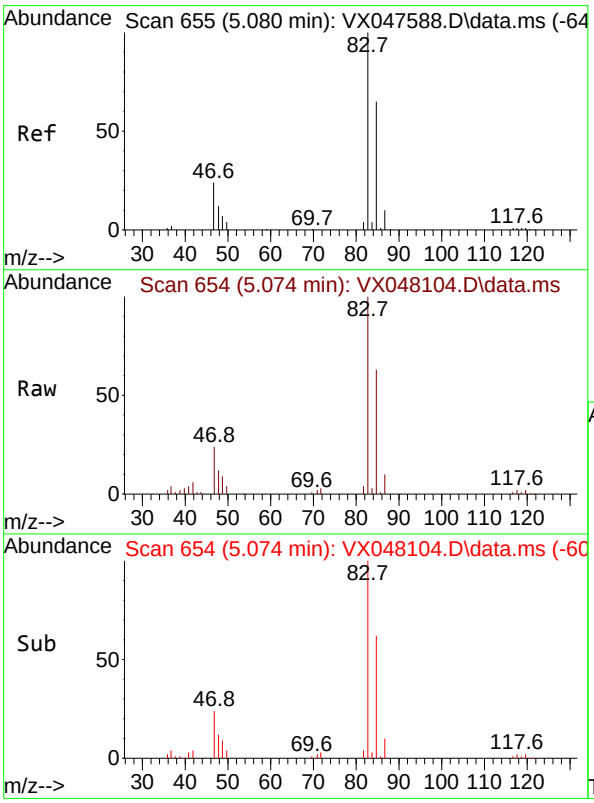
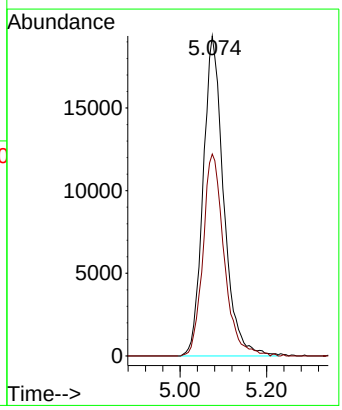
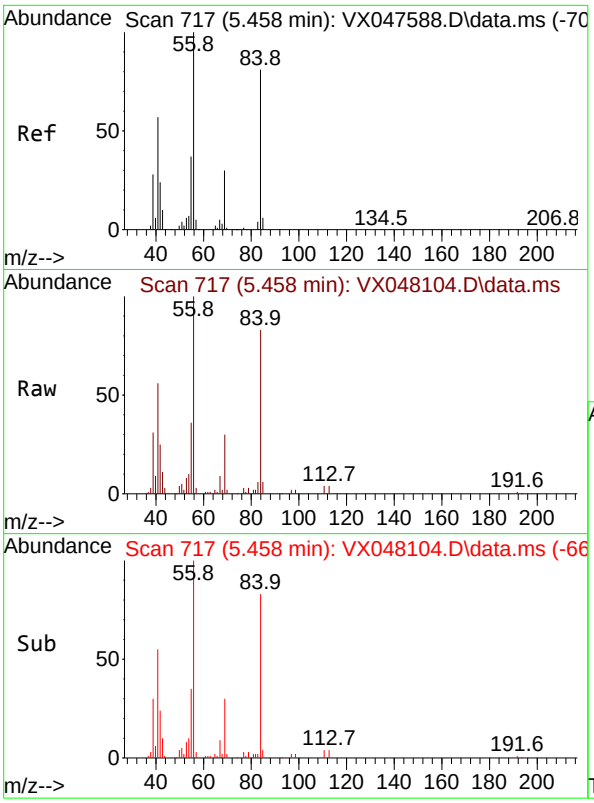


#30
Chloroform
Concen: 18.537 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 83 Resp: 63787

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.6





#31
Cyclohexane
Concen: 19.206 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 56 Resp: 5447

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	81.0	64.6	97.0

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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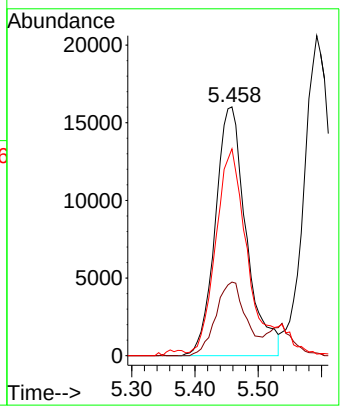
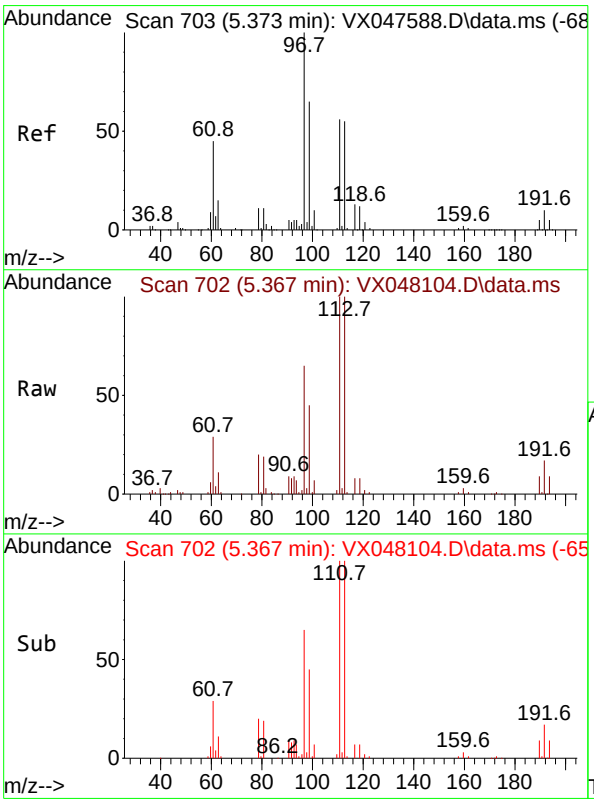
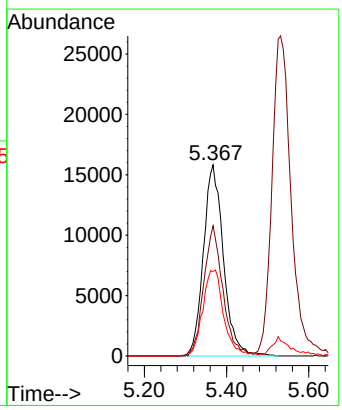


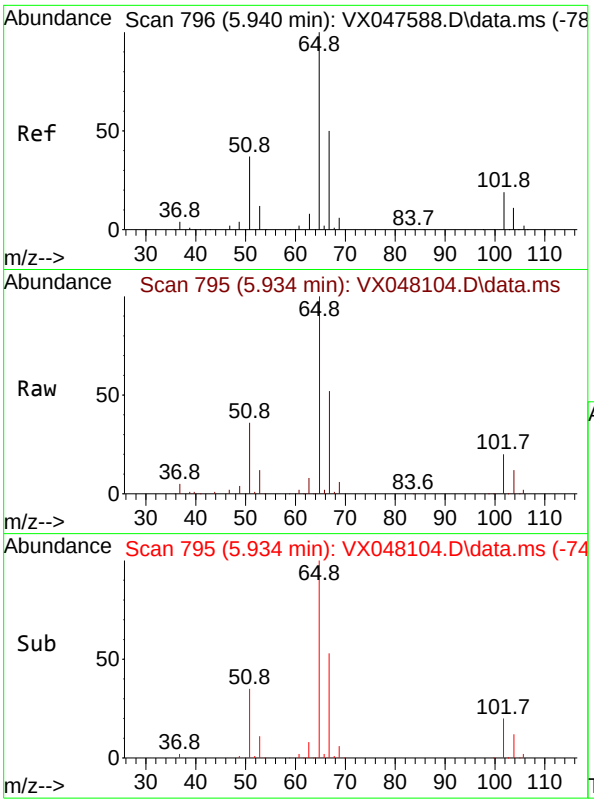


#32
1,1,1-Trichloroethane
Concen: 18.333 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 97 Resp: 53512

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.6	76.0
61	46.9	35.8	53.8

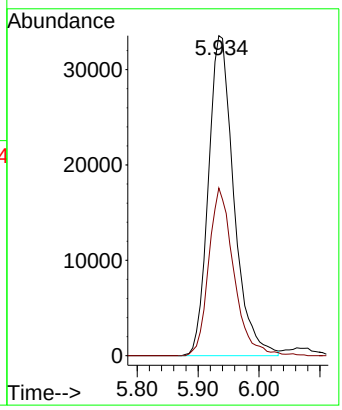




#33
1,2-Dichloroethane-d4
Concen: 45.360 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 65 Resp: 9735

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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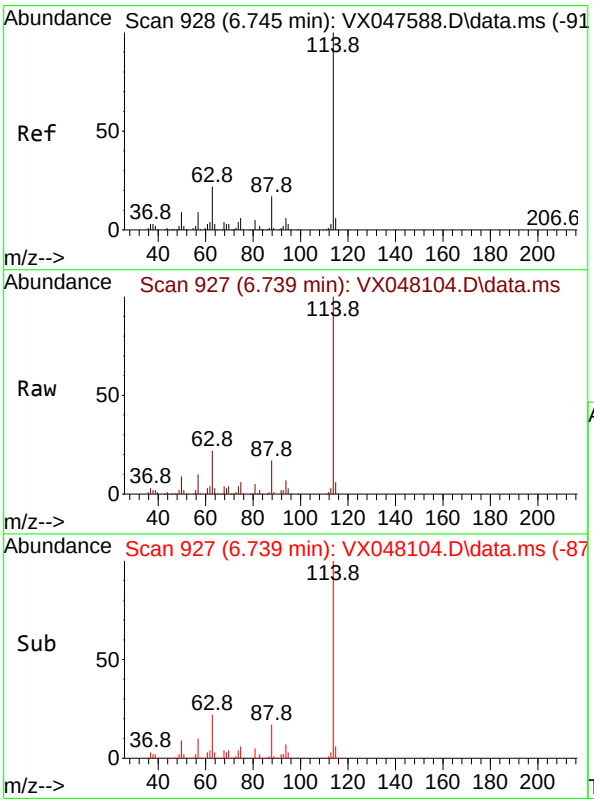
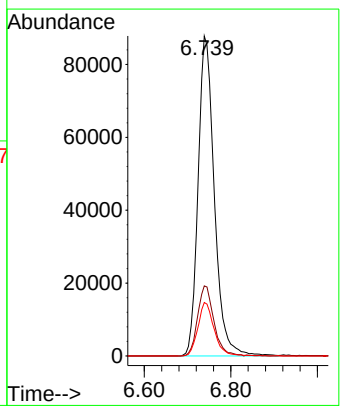
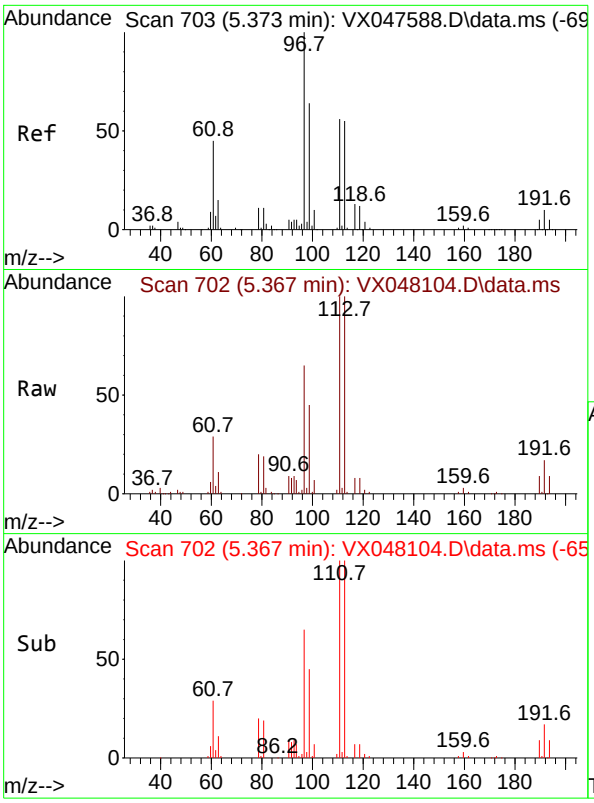


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:114 Resp: 228857

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	16.7	0.0	34.2

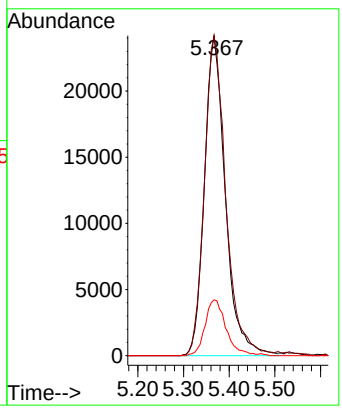




#35
Dibromofluoromethane
Concen: 50.106 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:113 Resp: 7690

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.9	121.3
192	17.7	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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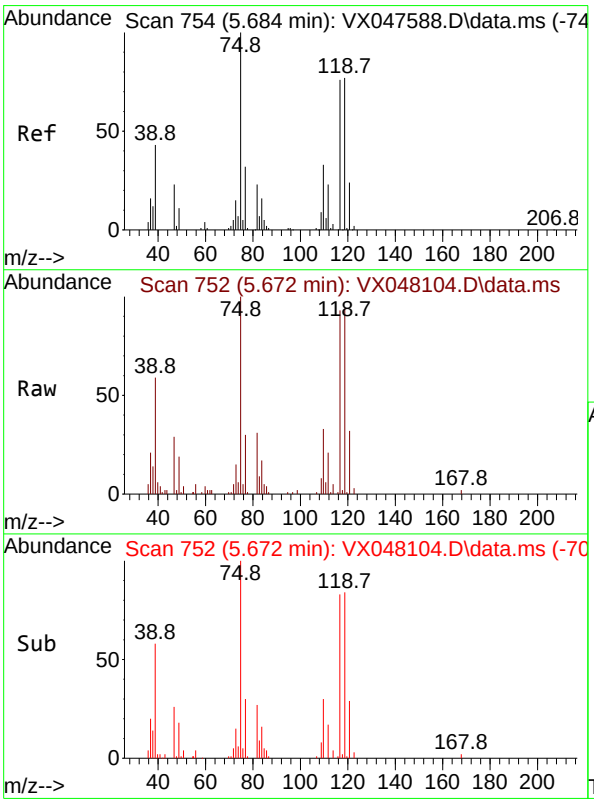
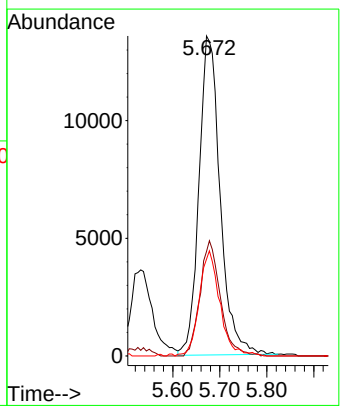
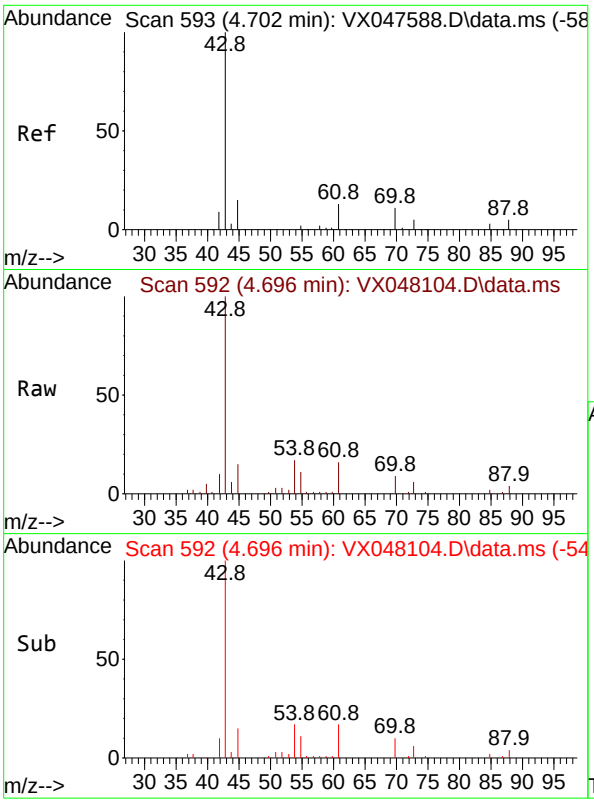


#36
1,1-Dichloropropene
Concen: 18.884 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 75 Resp: 42353

Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.1
77	32.1	24.3	36.5





#37
Ethyl Acetate
Concen: 15.355 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 3687

Ion	Ratio	Lower	Upper
43	100		
61	11.3	9.8	14.8
70	9.2	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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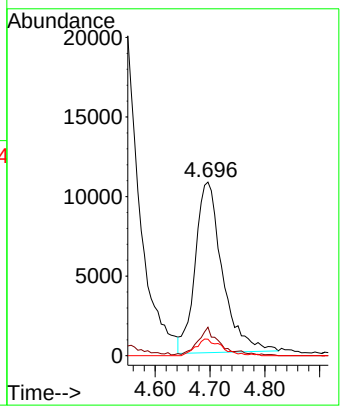
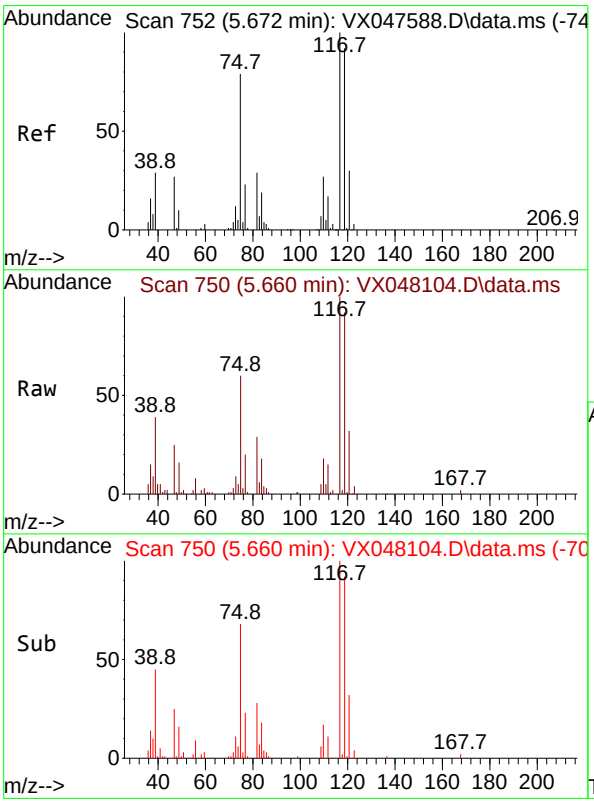
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

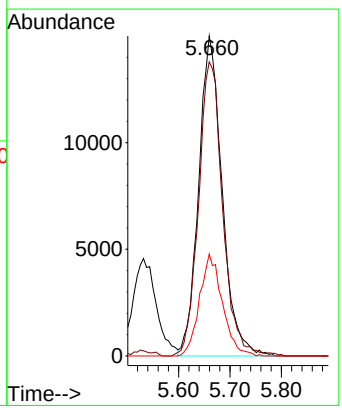


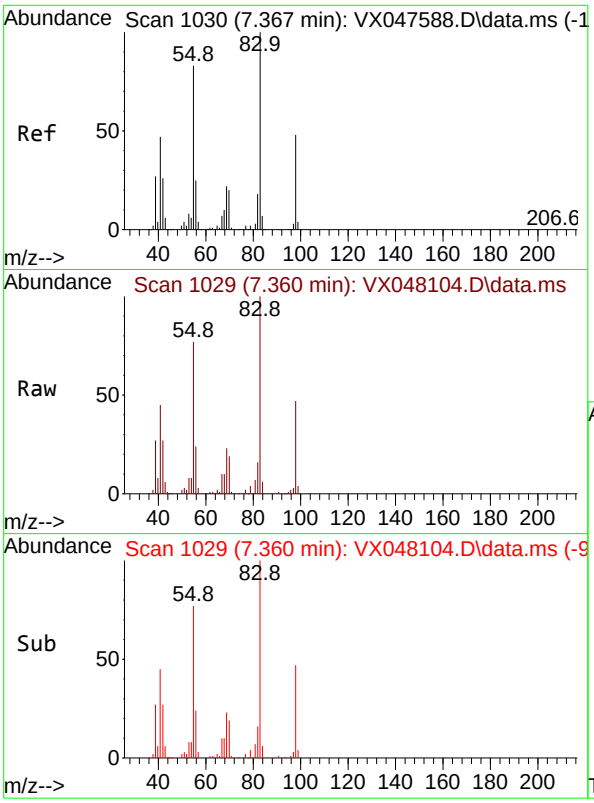


#38
Carbon Tetrachloride
Concen: 19.534 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:117 Resp: 47601

Ion	Ratio	Lower	Upper
117	100		
119	91.5	73.4	110.2
121	31.9	23.8	35.6

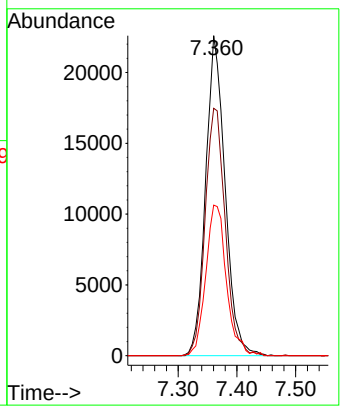




#39
Methylcyclohexane
Concen: 20.409 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 83 Resp: 5195

Ion	Ratio	Lower	Upper
83	100		
55	77.3	66.4	99.6
98	47.0	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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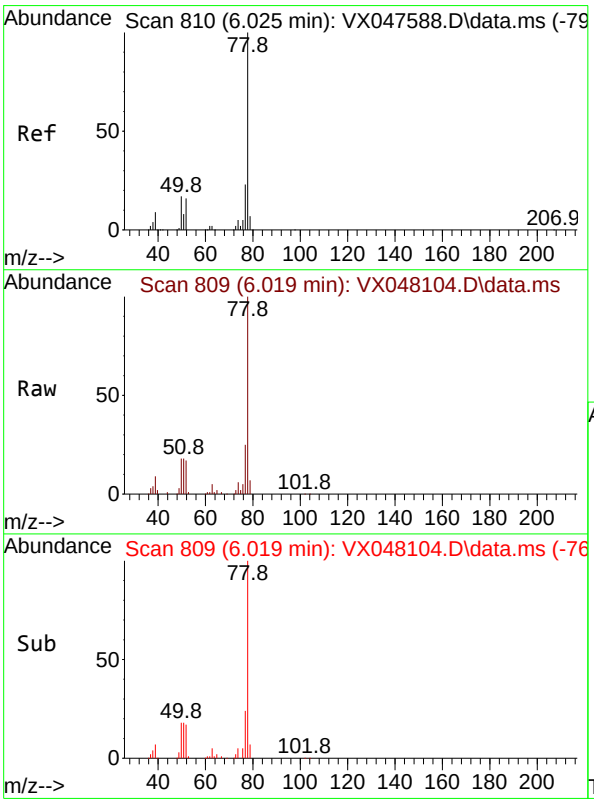
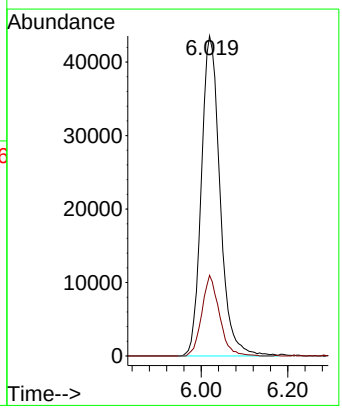
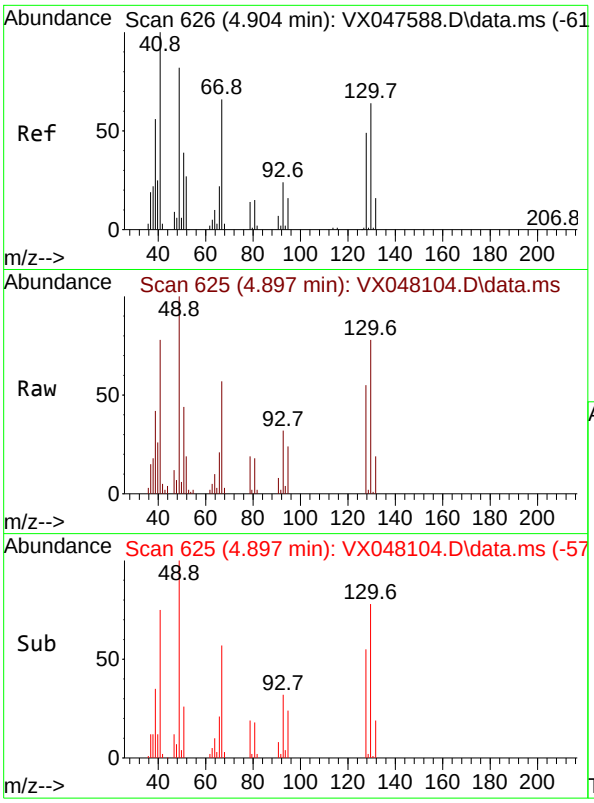


#40
Benzene
Concen: 19.151 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 78 Resp: 130453

Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.8	28.2

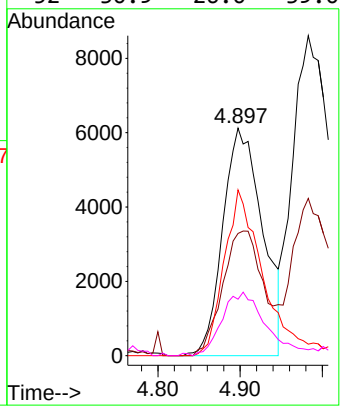




#41
Methacrylonitrile
Concen: 16.598 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 41 Resp: 2057

Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	72.5	58.6	87.8
52	30.9	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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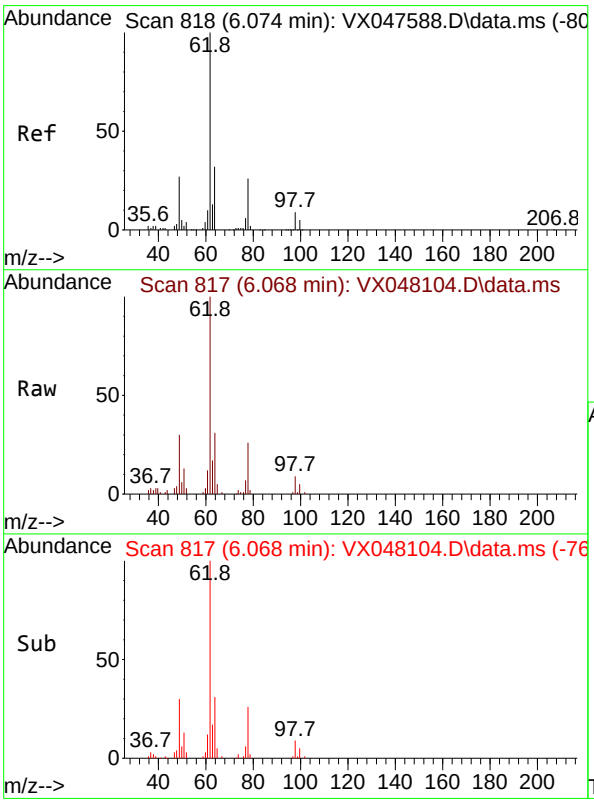
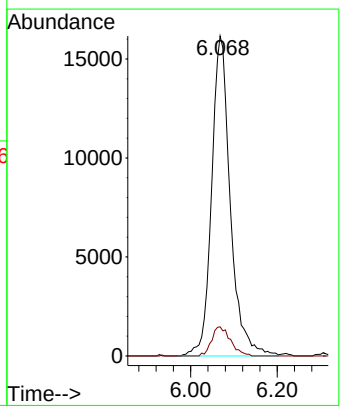
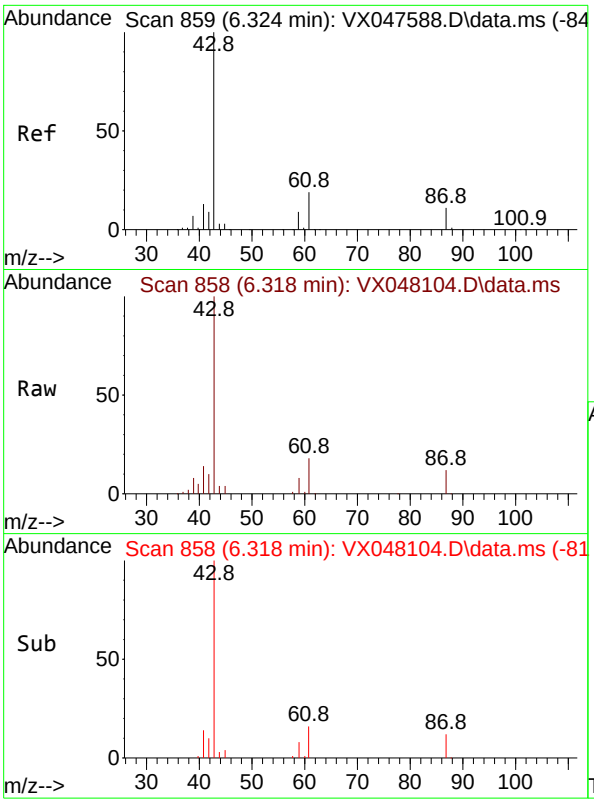


#42
1,2-Dichloroethane
Concen: 18.659 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 62 Resp: 48360

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.0





#43
Isopropyl Acetate
Concen: 15.959 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 6285

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.2	22.8
87	12.0	9.6	14.4

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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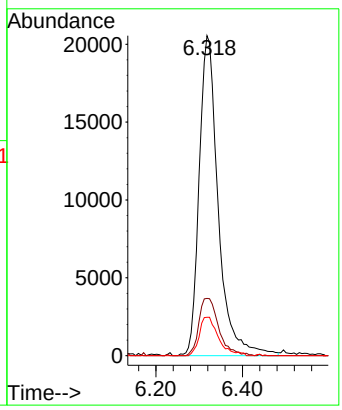
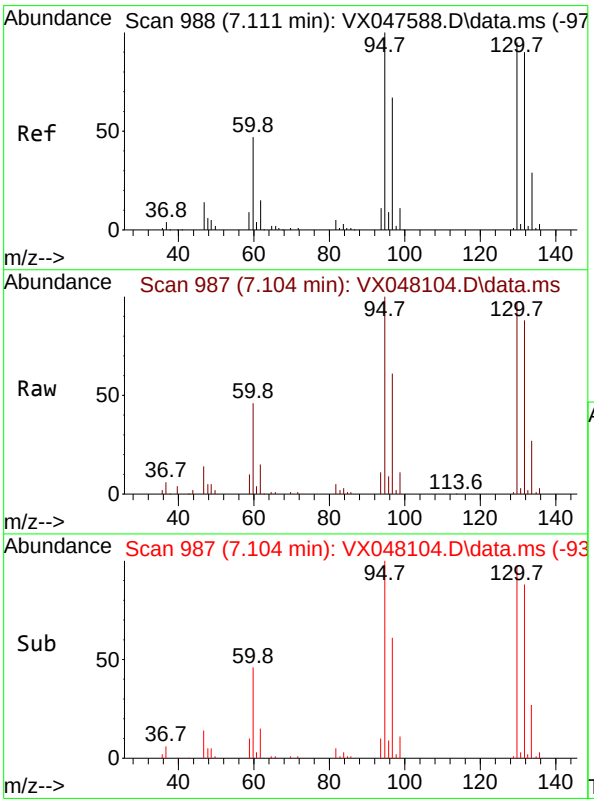
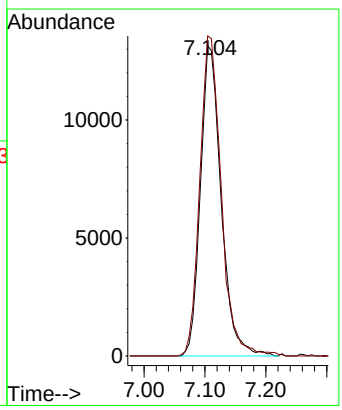


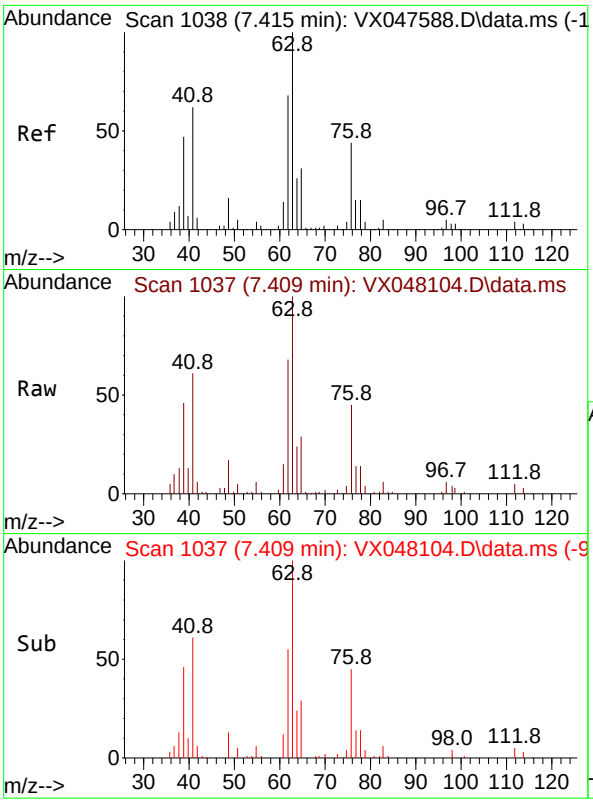


#44
Trichloroethene
Concen: 18.852 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:130 Resp: 31046

Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	210.8

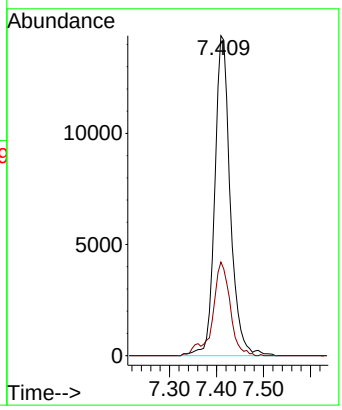




#45
1,2-Dichloropropane
Concen: 18.921 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 63 Resp: 3300

Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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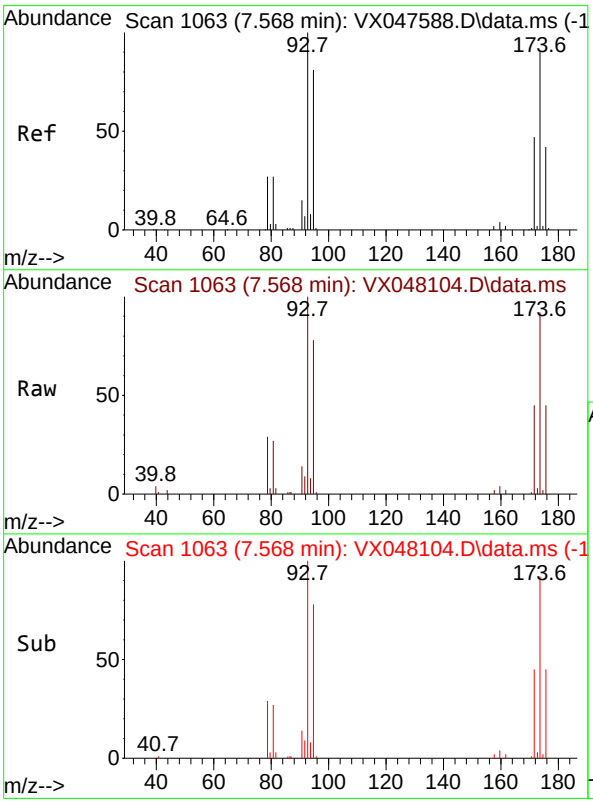
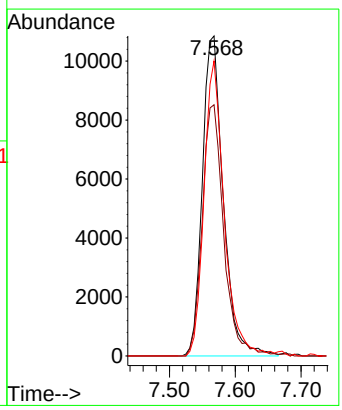
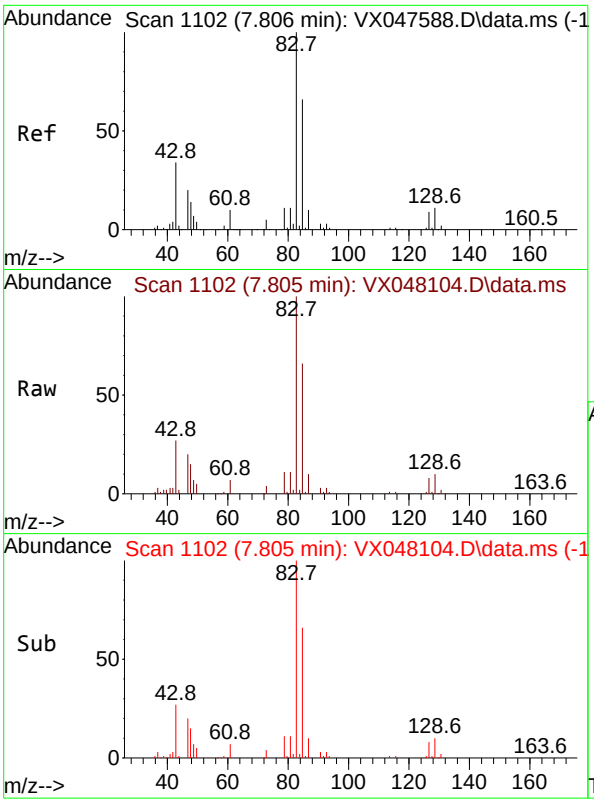


#46
Dibromomethane
Concen: 18.939 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 93 Resp: 24039

Ion	Ratio	Lower	Upper
93	100		
95	80.2	65.0	97.6
174	89.0	71.6	107.4

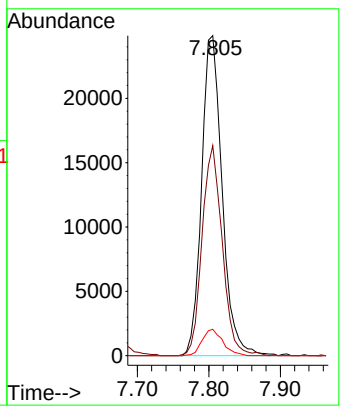




#47
Bromodichloromethane
Concen: 18.943 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 83 Resp: 4961

Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.5	78.7
127	8.3	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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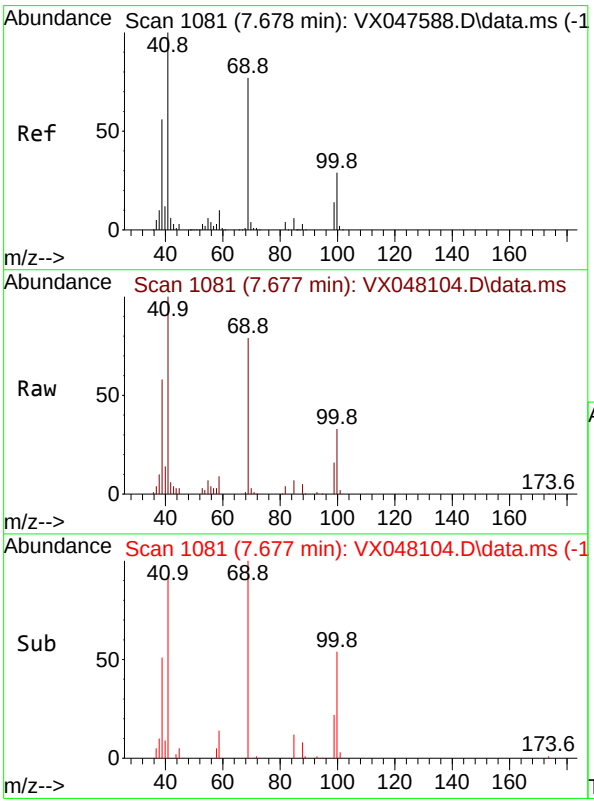
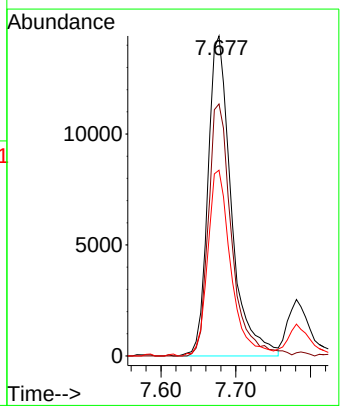
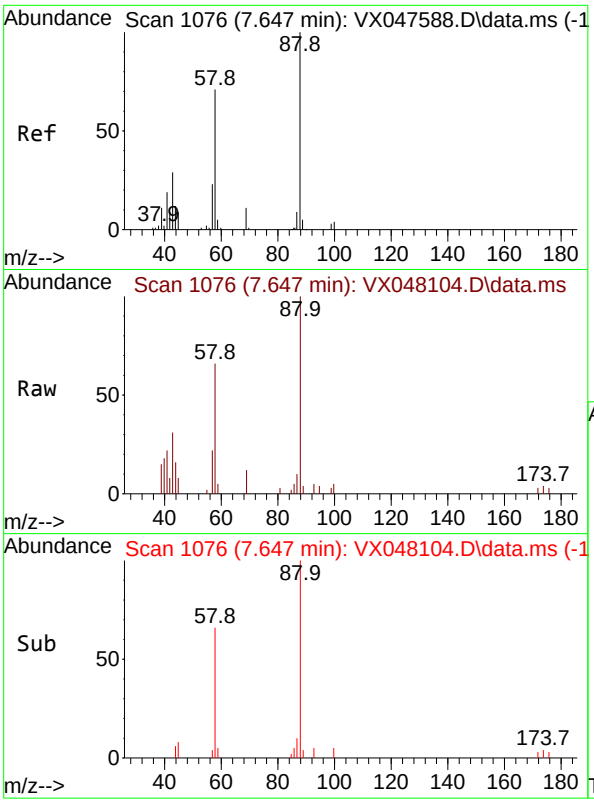


#48
Methyl methacrylate
Concen: 15.975 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 41 Resp: 31339

Ion	Ratio	Lower	Upper
41	100		
69	78.2	61.4	92.2
39	57.7	45.8	68.6

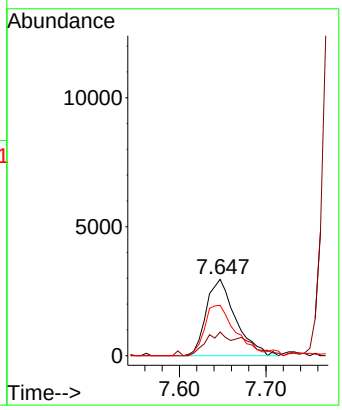




#49
1,4-Dioxane
Concen: 351.364 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 88 Resp: 696

Ion	Ratio	Lower	Upper
88	100		
43	23.9	30.2	45.2
58	68.6	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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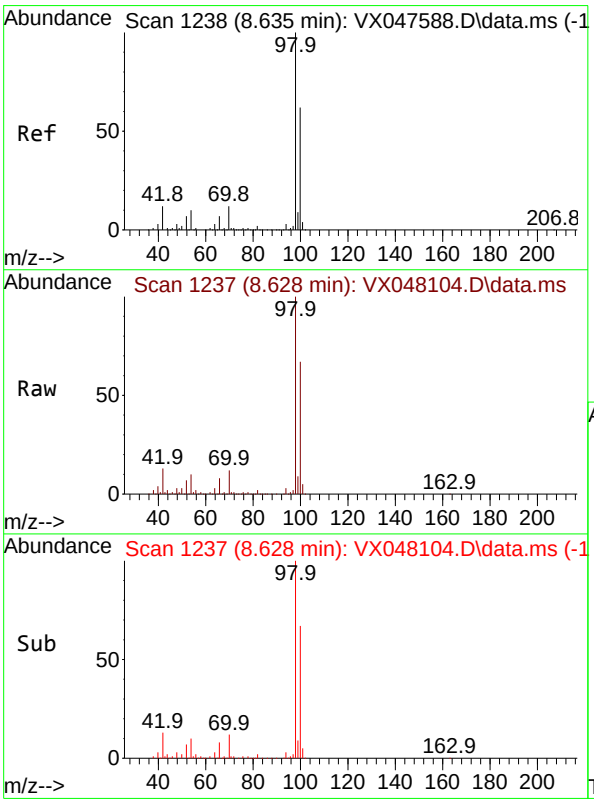
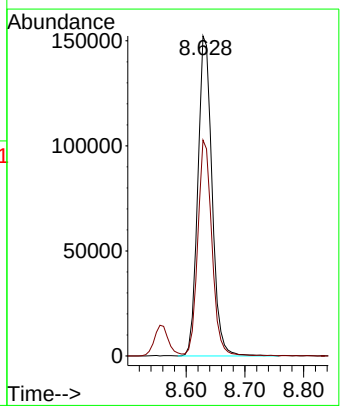
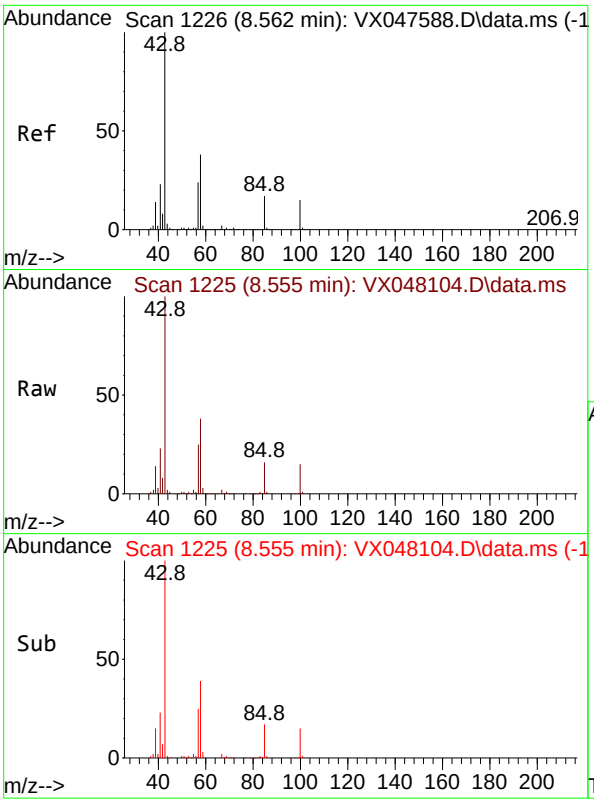


#50
Toluene-d8
Concen: 48.305 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 98 Resp: 256541

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

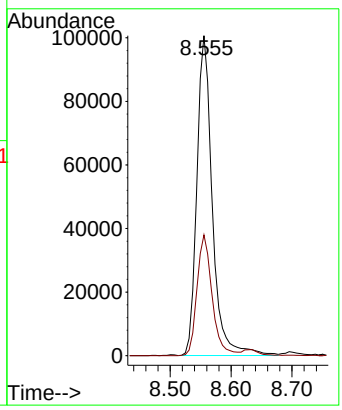




#51
4-Methyl-2-Pentanone
Concen: 81.312 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 17755

Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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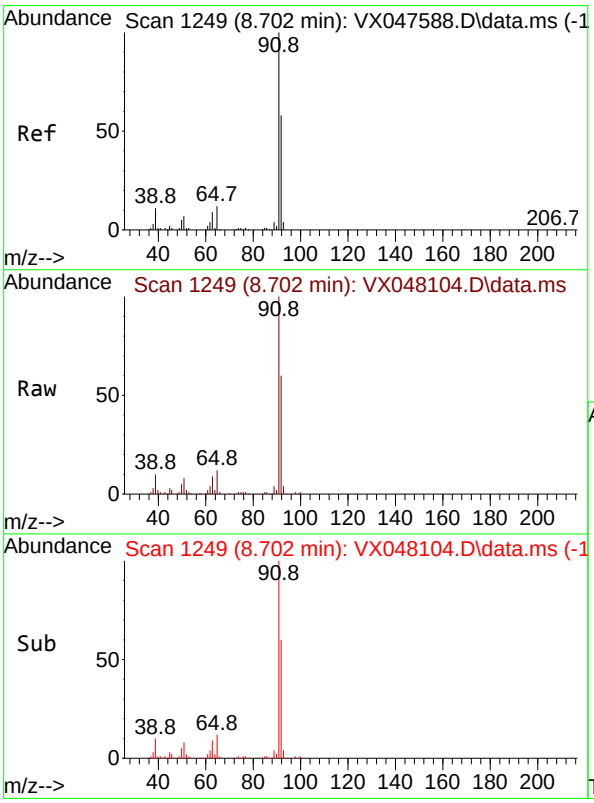
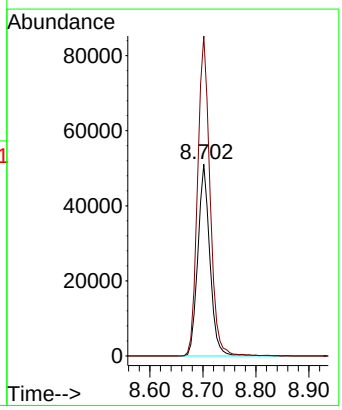
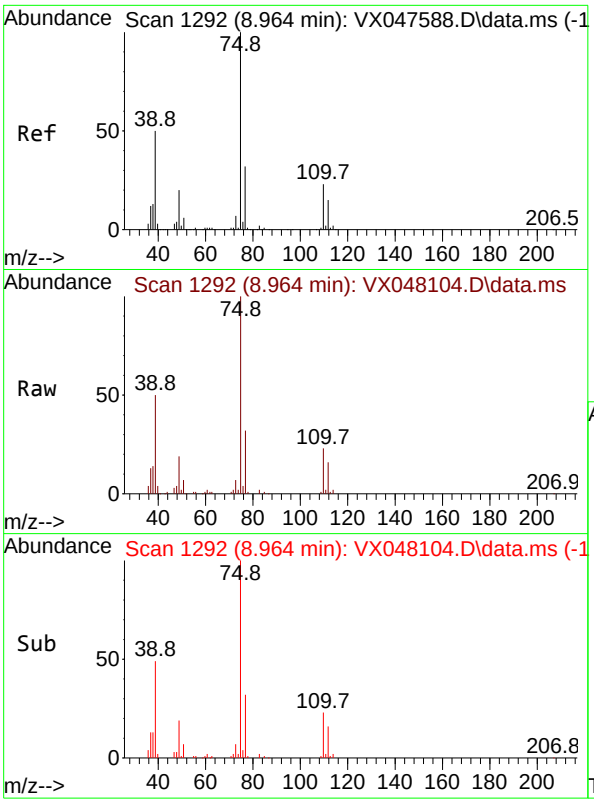


#52
Toluene
Concen: 19.147 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 92 Resp: 80356

Ion	Ratio	Lower	Upper
92	100		
91	172.0	137.1	205.7

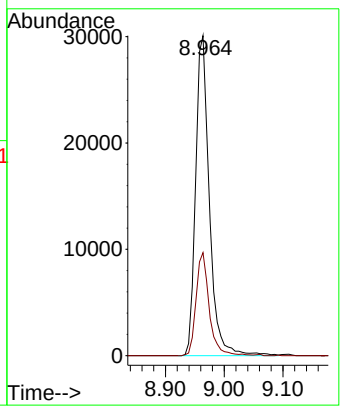




#53
t-1,3-Dichloropropene
Concen: 18.321 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 75 Resp: 4894

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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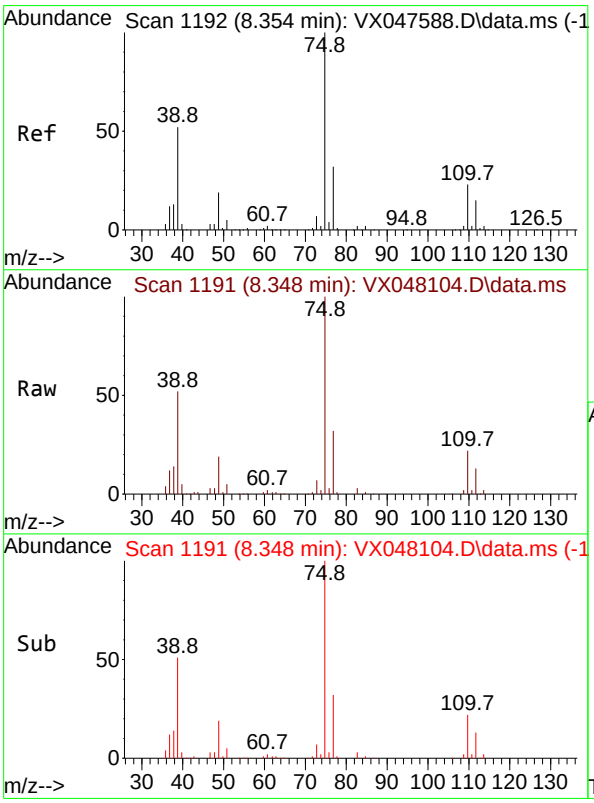
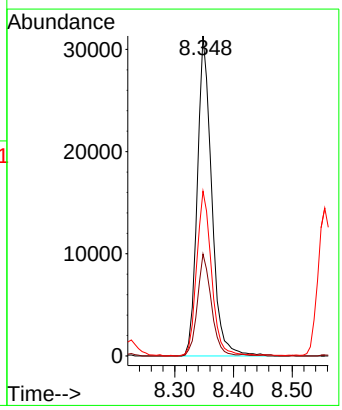
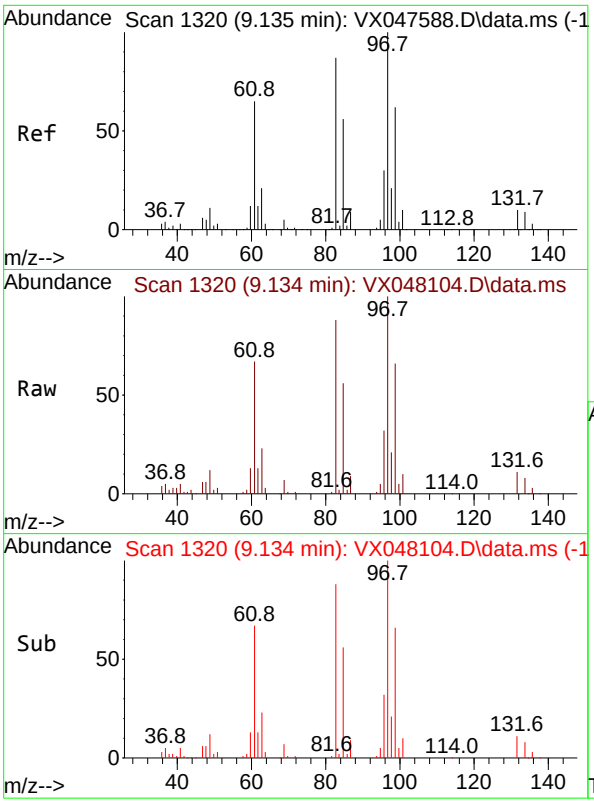


#54
cis-1,3-Dichloropropene
Concen: 18.695 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 75 Resp: 53385

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.6
39	51.3	41.4	62.2

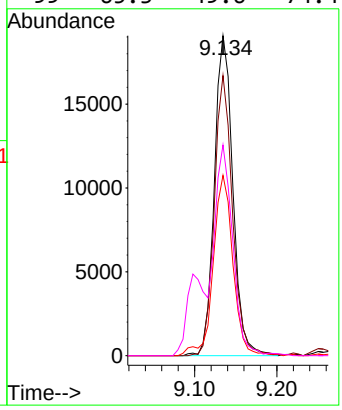




#55
1,1,2-Trichloroethane
Concen: 18.456 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 97 Resp: 2986

Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.6	104.4
85	56.4	45.0	67.6
99	65.3	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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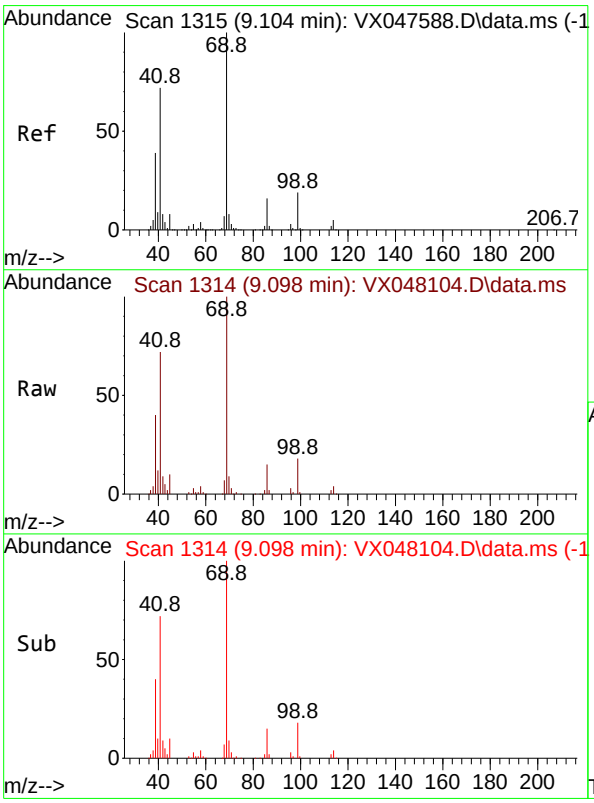
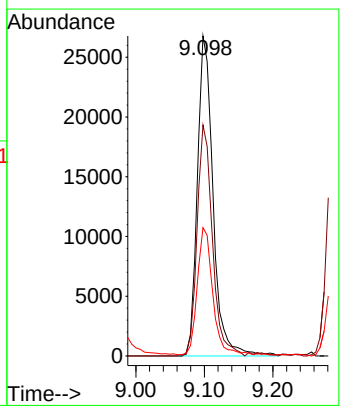
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

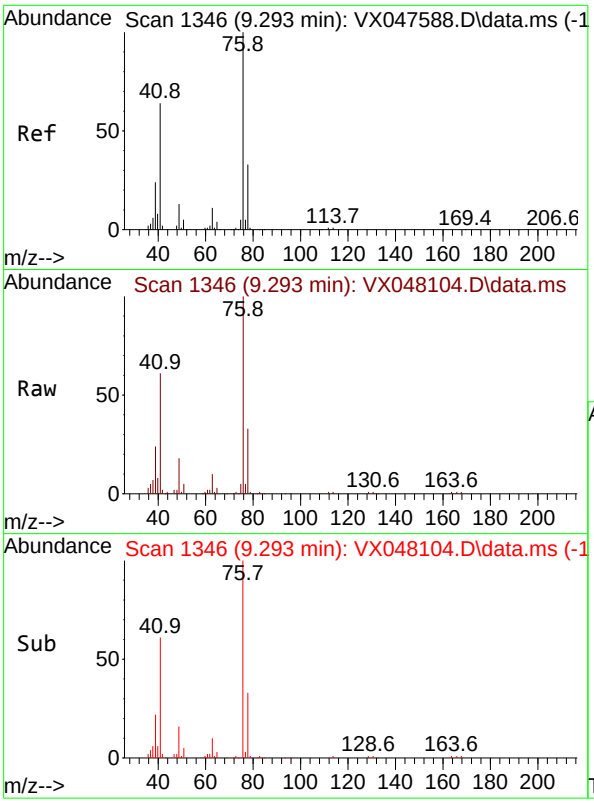


#56
Ethyl methacrylate
Concen: 16.829 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 69 Resp: 42770

Ion	Ratio	Lower	Upper
69	100		
41	70.3	58.6	87.8
39	39.0	31.5	47.3

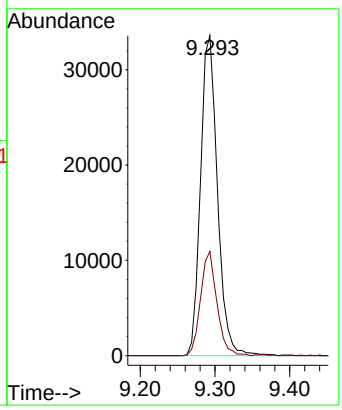




#57
1,3-Dichloropropane
Concen: 18.987 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 76 Resp: 5278

Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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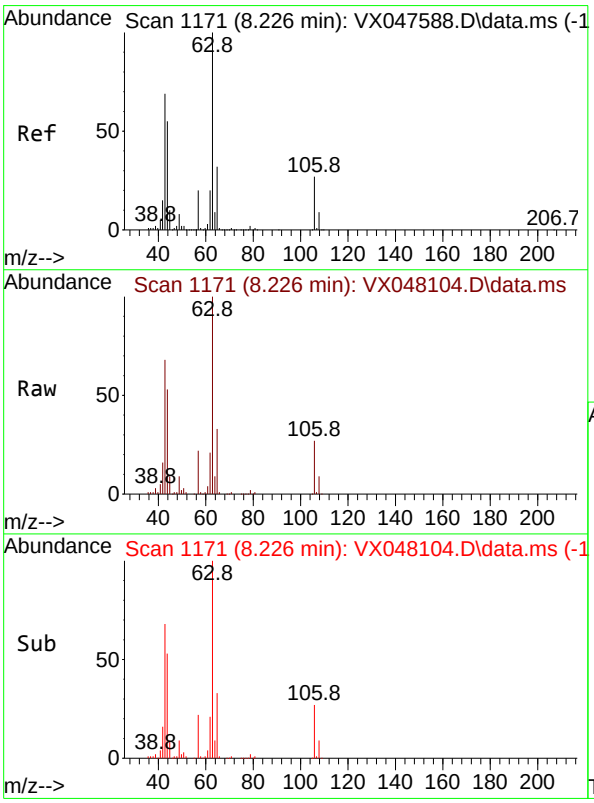
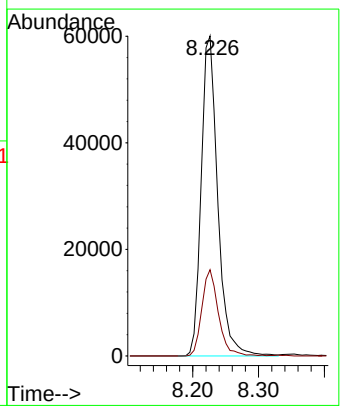
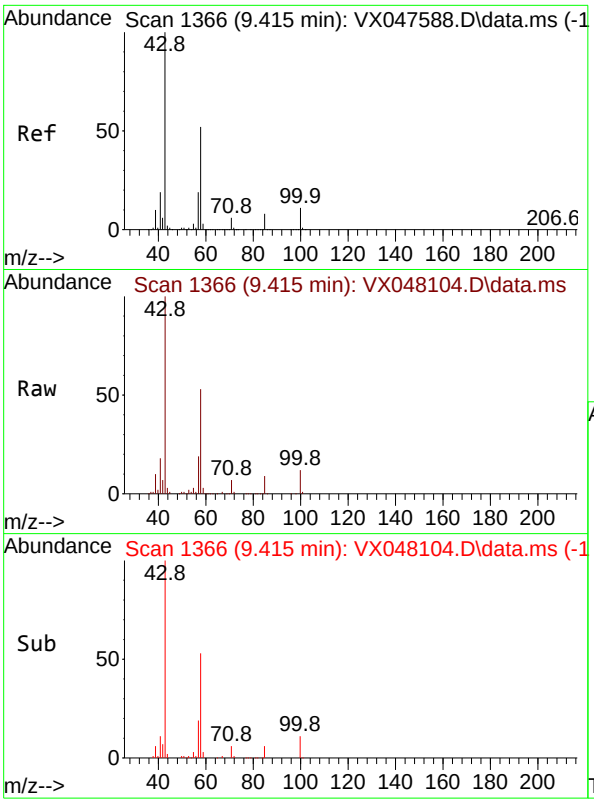


#58
2-Chloroethyl Vinyl ether
Concen: 93.585 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 63 Resp: 104857

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.9	32.9





#59
2-Hexanone
Concen: 76.487 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 11995

Ion	Ratio	Lower	Upper
43	100		
58	52.2	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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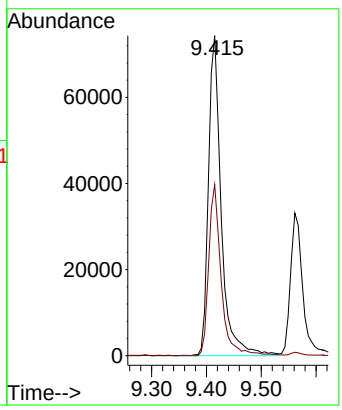
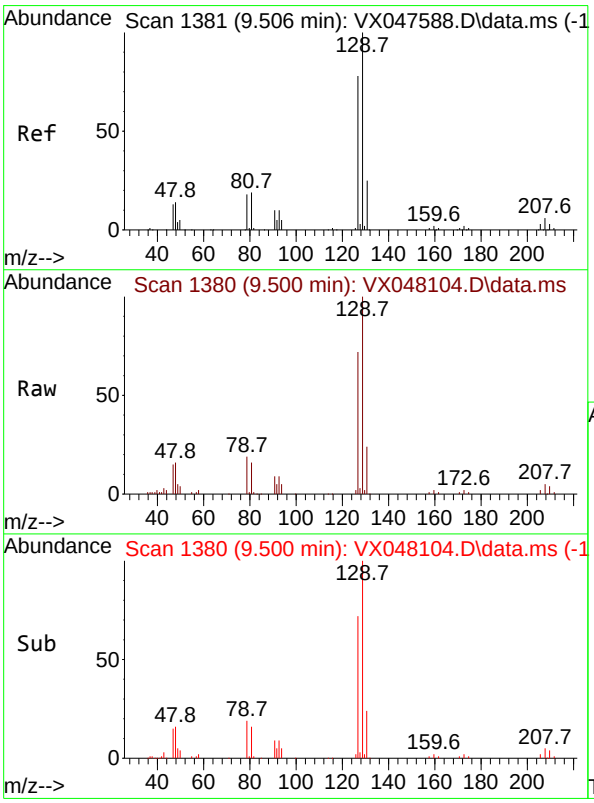
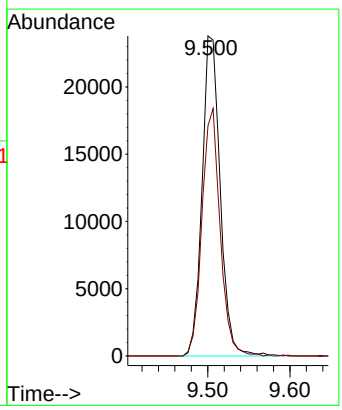


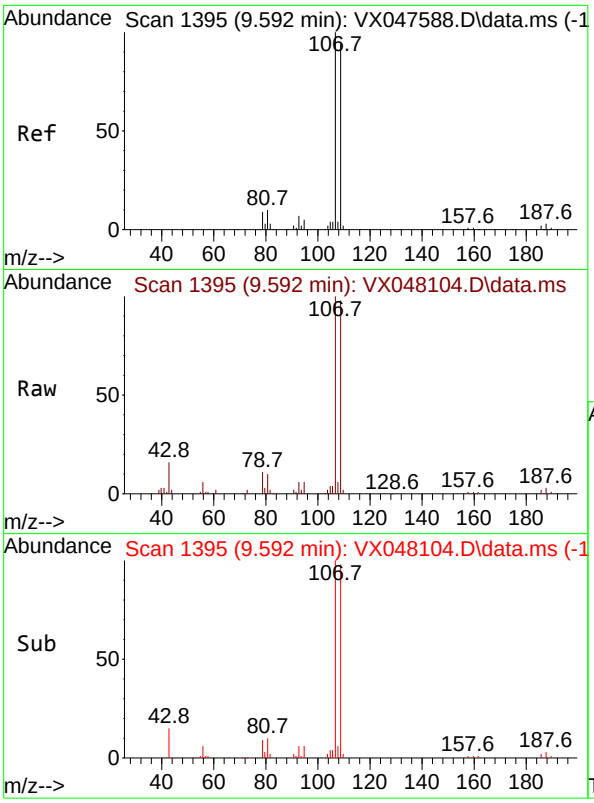


#60
Dibromochloromethane
Concen: 19.533 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:129 Resp: 36421

Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.4	115.2

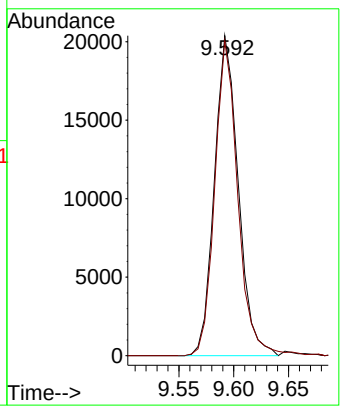




#61
1,2-Dibromoethane
Concen: 18.731 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:107 Resp: 3087

Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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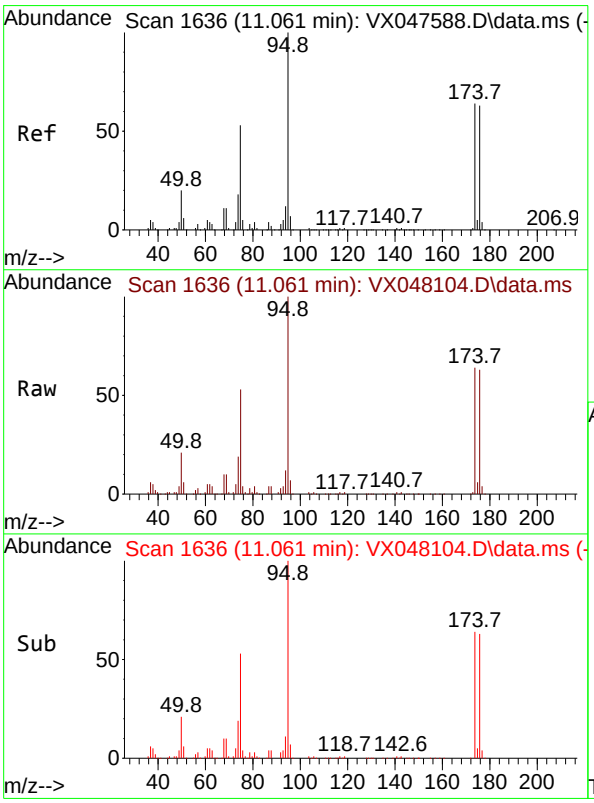
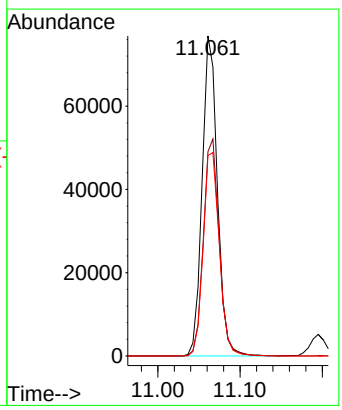
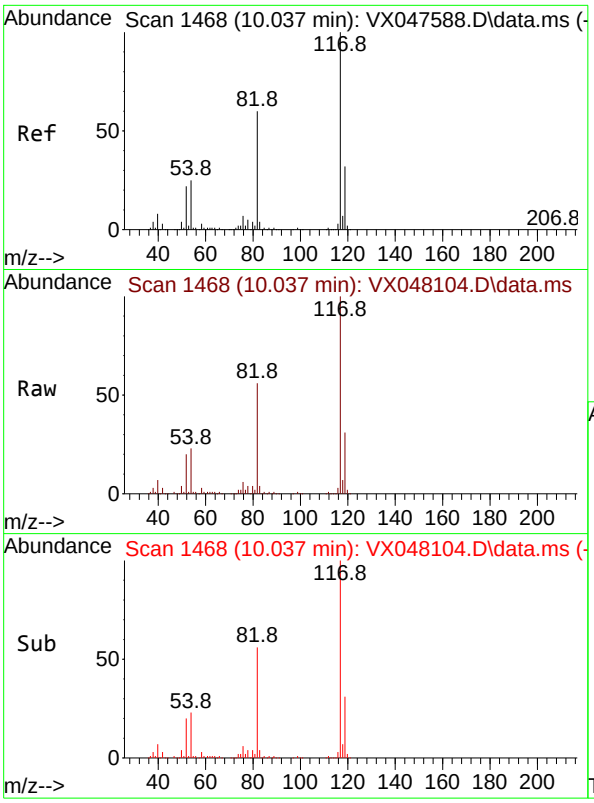


#62
4-Bromofluorobenzene
Concen: 49.215 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 95 Resp: 99197

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	141.6
176	67.3	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:117 Resp: 21148

Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.8	71.6
119	31.2	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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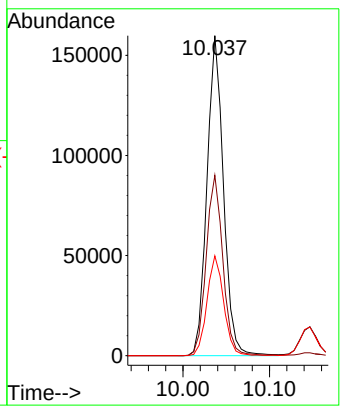
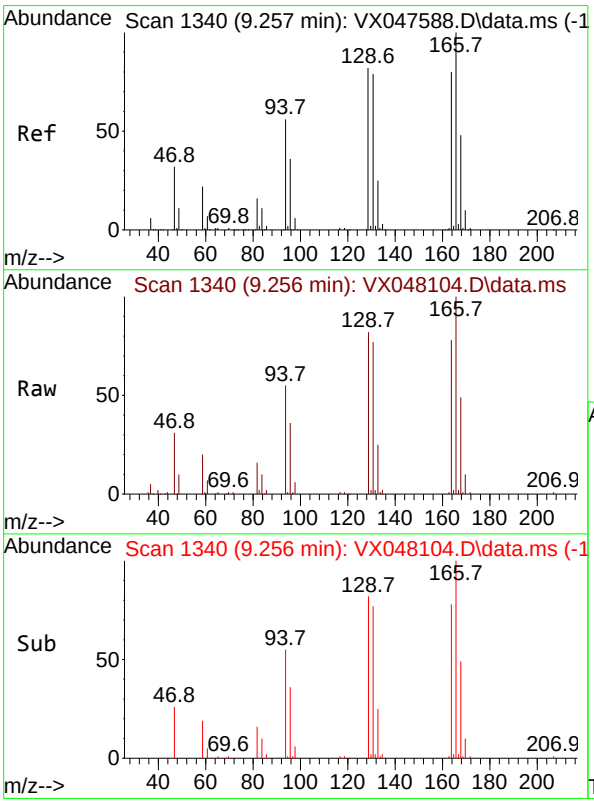
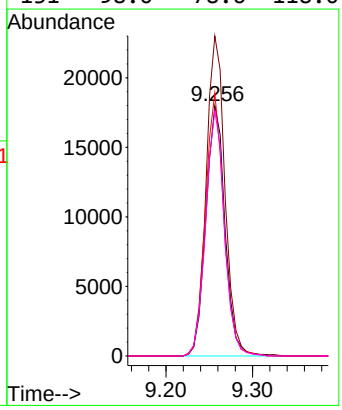


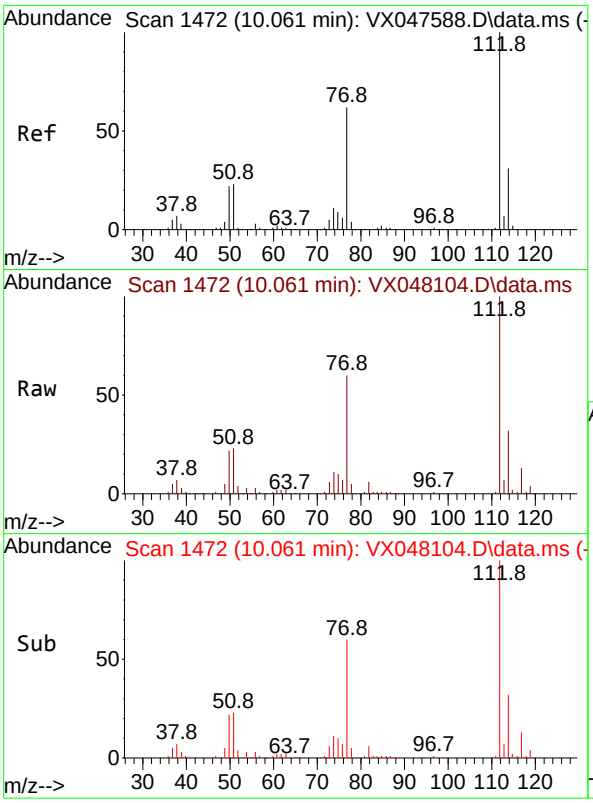


#64
Tetrachloroethene
Concen: 19.993 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:164 Resp: 27563

Ion	Ratio	Lower	Upper
164	100		
166	128.0	100.2	150.2
129	105.2	81.8	122.6
131	98.0	78.6	118.0

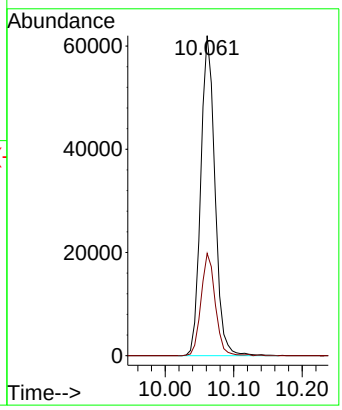




#65
Chlorobenzene
Concen: 18.614 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:112 Resp: 8942

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
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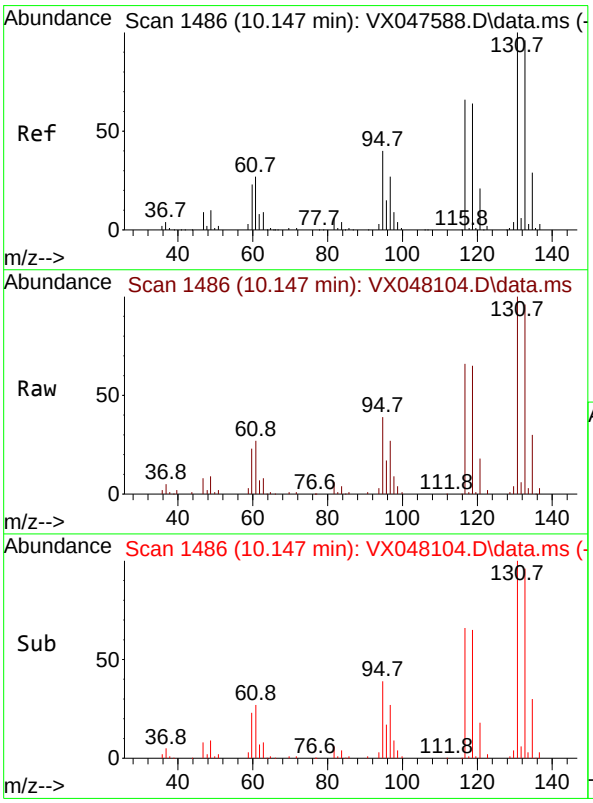
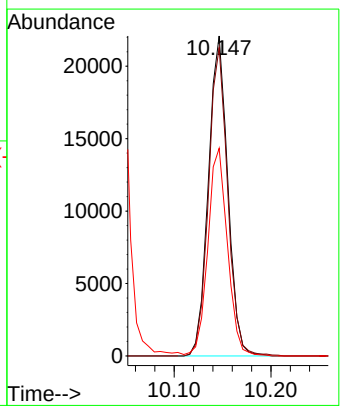
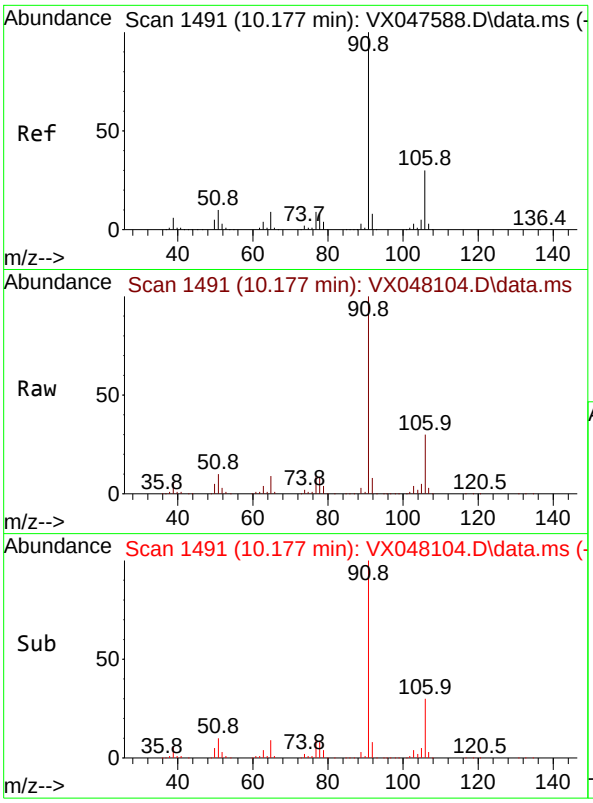


#66
1,1,1,2-Tetrachloroethane
Concen: 18.575 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:131 Resp: 30795

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.3	142.0
119	65.5	32.0	96.0

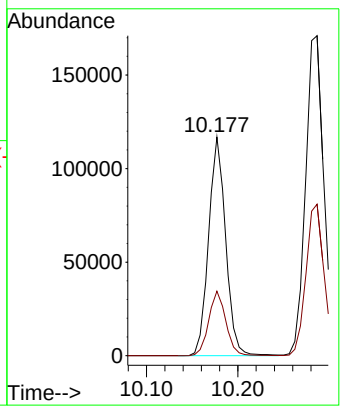




#67
Ethyl Benzene
Concen: 18.232 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 91 Resp: 15114

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.3	36.5



Instrument :
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ClientSampleId :
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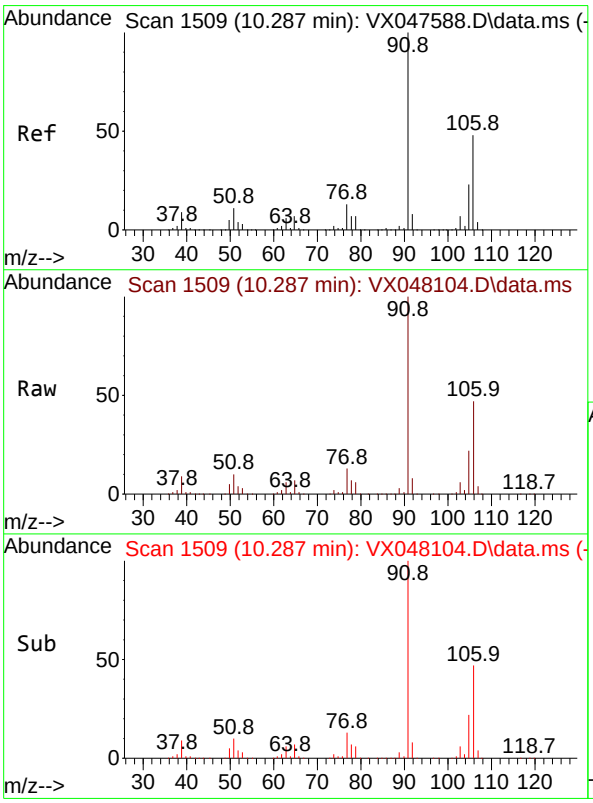
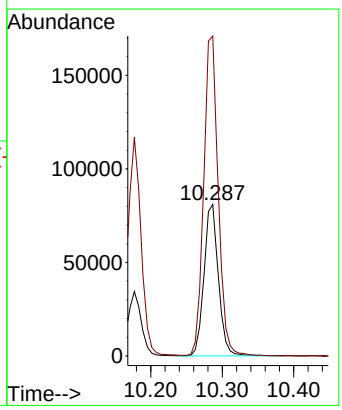
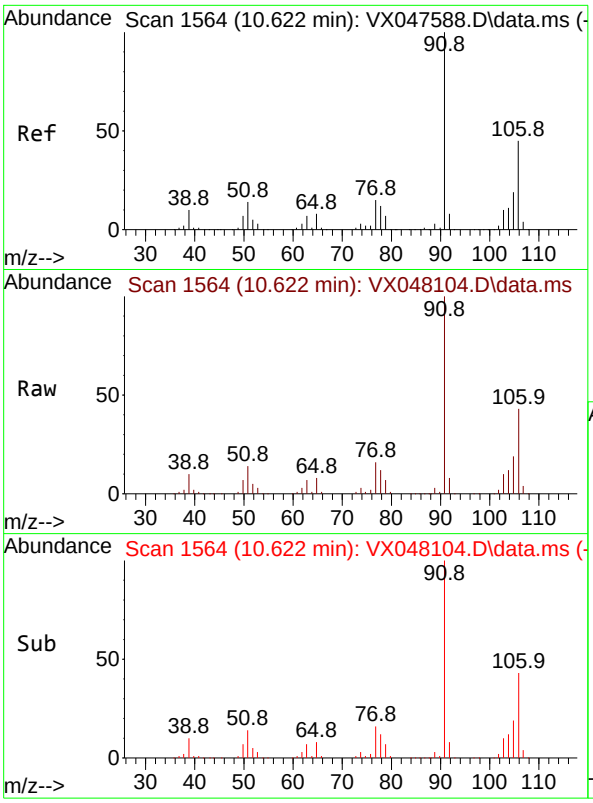


#68
m/p-Xylenes
Concen: 36.680 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:106 Resp: 113176

Ion	Ratio	Lower	Upper
106	100		
91	213.3	167.8	251.8





#69
o-Xylene
Concen: 18.169 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:106 Resp: 5422

Ion	Ratio	Lower	Upper
106	100		
91	219.5	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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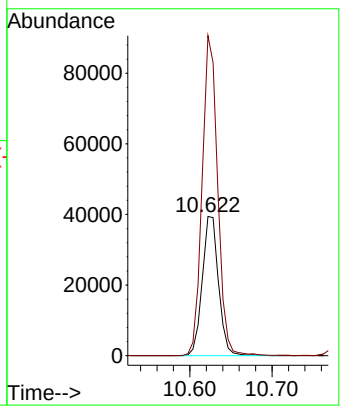
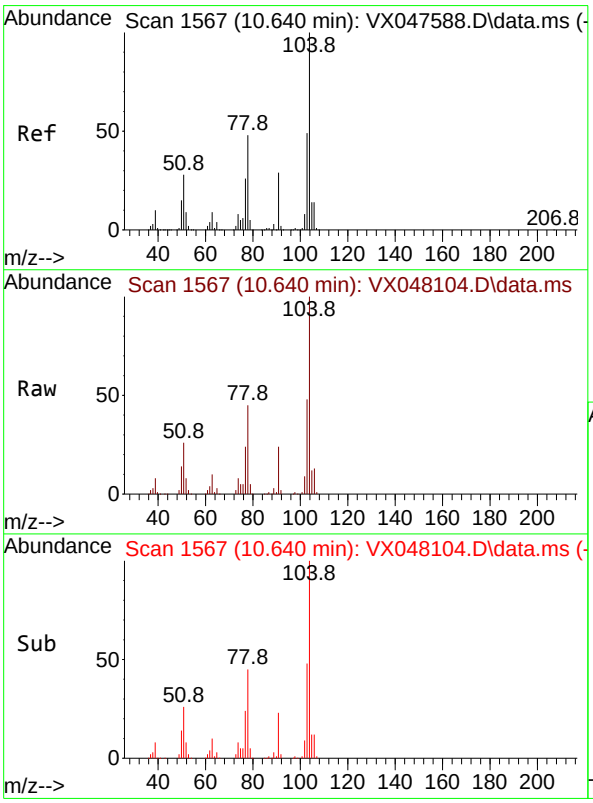
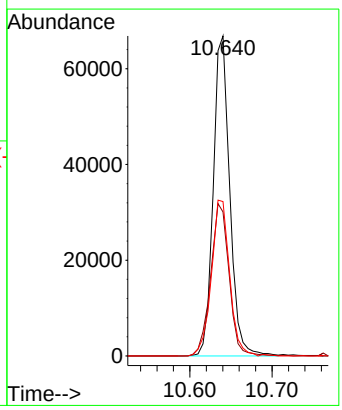


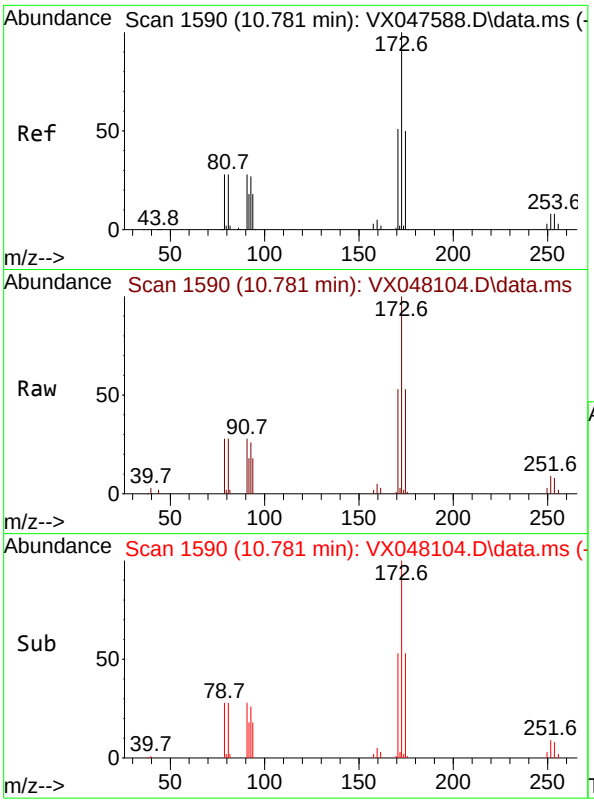


#70
Styrene
Concen: 17.854 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:104 Resp: 93365

Ion	Ratio	Lower	Upper
104	100		
78	53.2	43.1	64.7
103	53.8	43.1	64.7

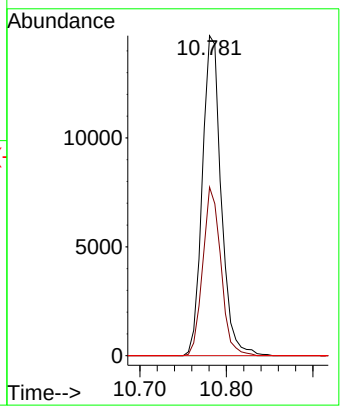




#71
Bromoform
Concen: 17.957 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:173 Resp: 2223

Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.9	74.6
254	0.0	0.1	0.1



Instrument :
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ClientSampleId :
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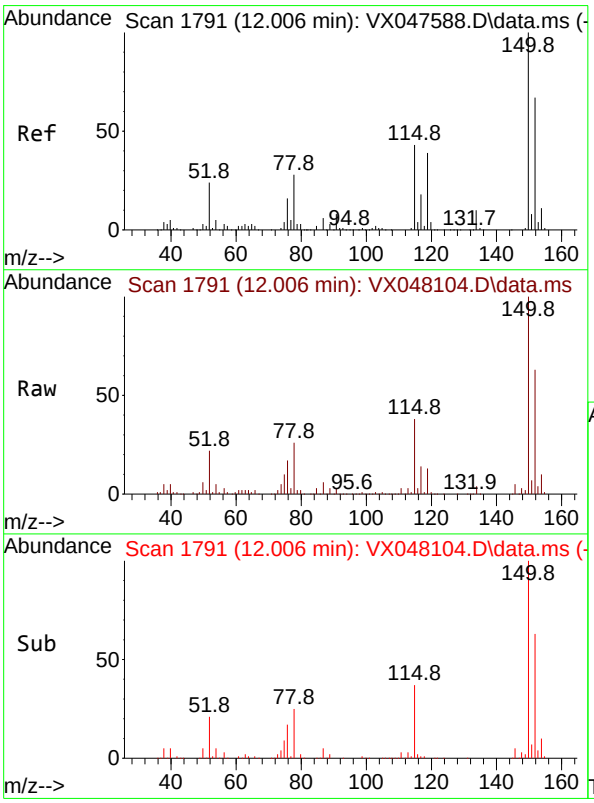
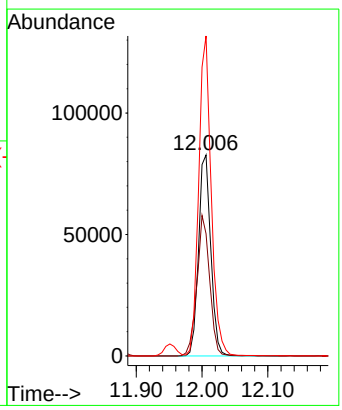
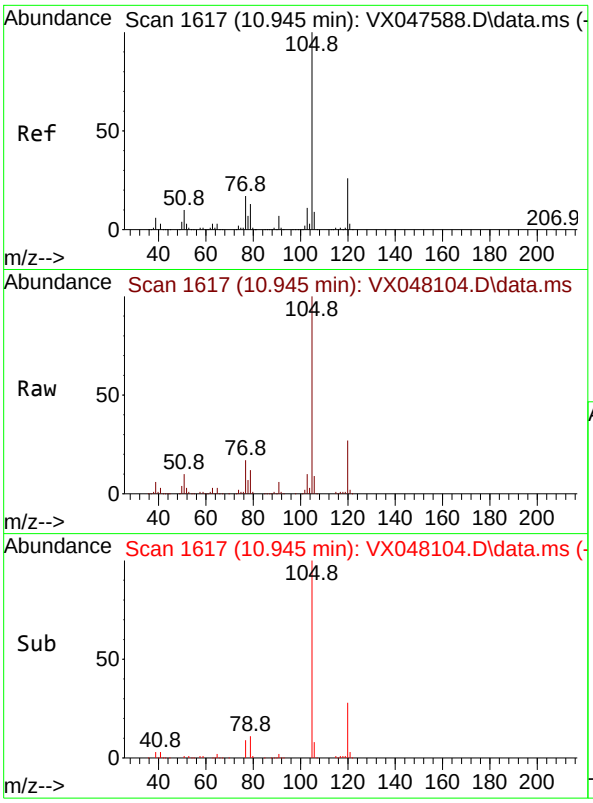


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:152 Resp: 106925

Ion	Ratio	Lower	Upper
152	100		
115	72.2	44.9	134.5
150	162.4	0.0	352.0

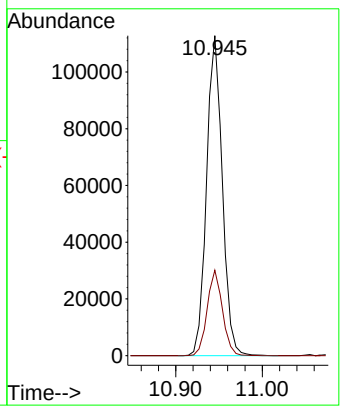




#73
Isopropylbenzene
Concen: 17.504 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:105 Resp: 14229

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
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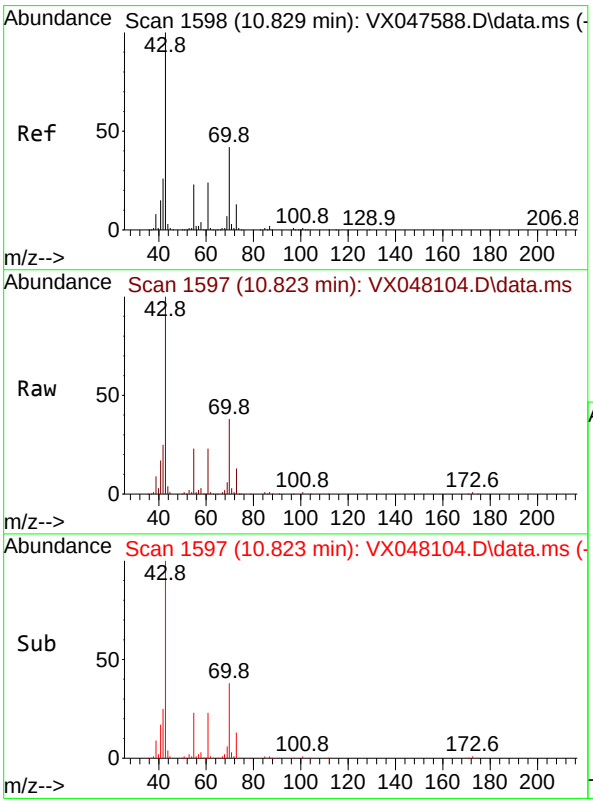
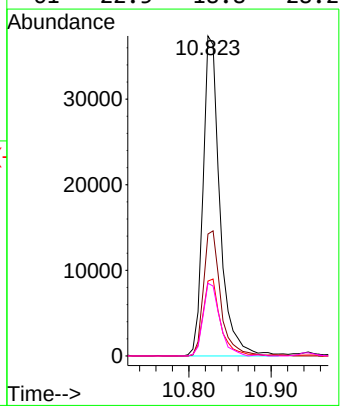
Supervised By :Mahesh Dadoda 10/13/2025

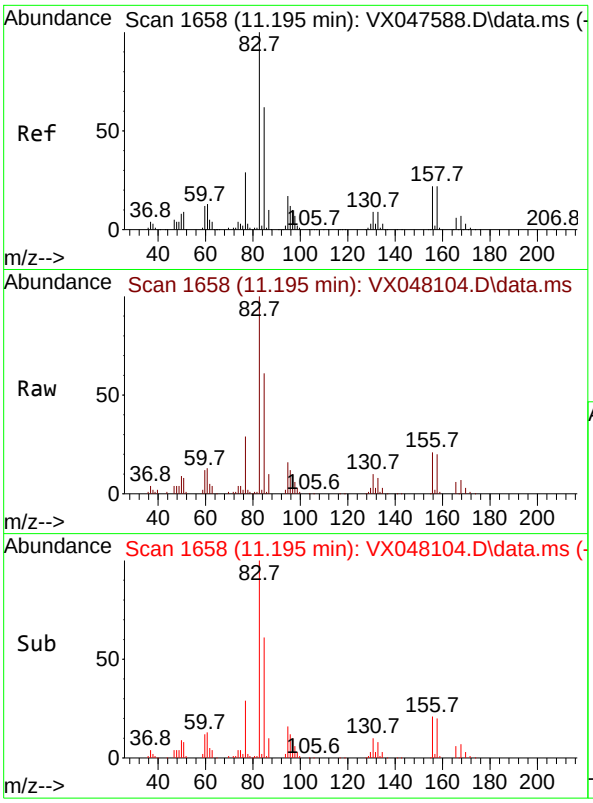


#74
N-amyl acetate
Concen: 14.385 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 53326

Ion	Ratio	Lower	Upper
43	100		
70	39.8	32.0	48.0
55	24.8	18.9	28.3
61	22.5	18.8	28.2

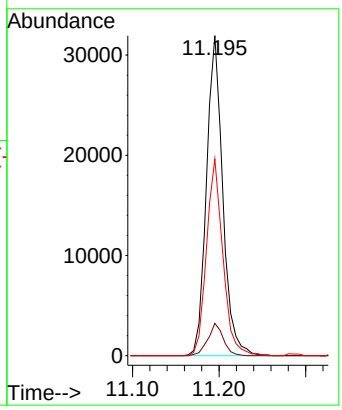




#75
1,1,2,2-Tetrachloroethane
Concen: 16.979 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 83 Resp: 4176

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	61.8	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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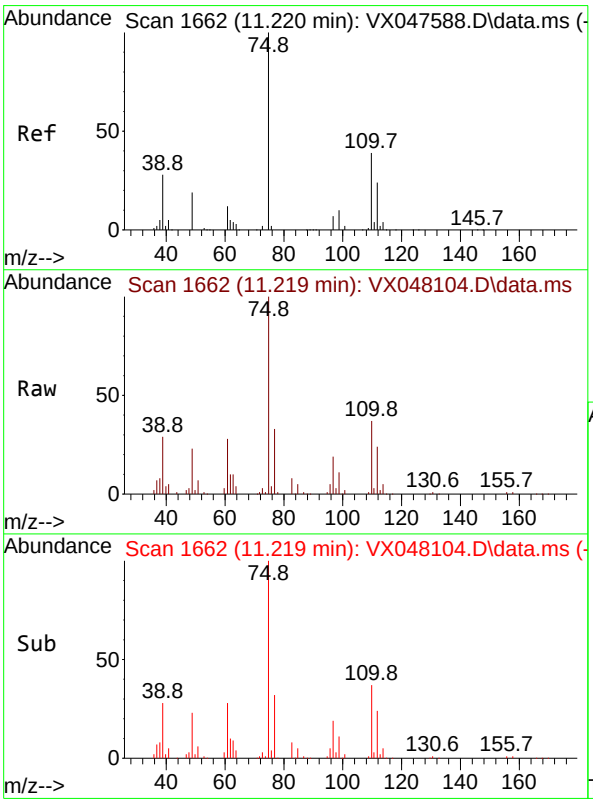
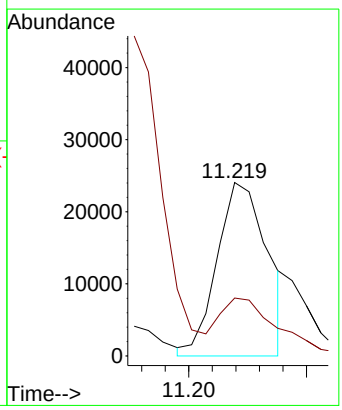
Supervised By :Mahesh Dadoda 10/13/2025

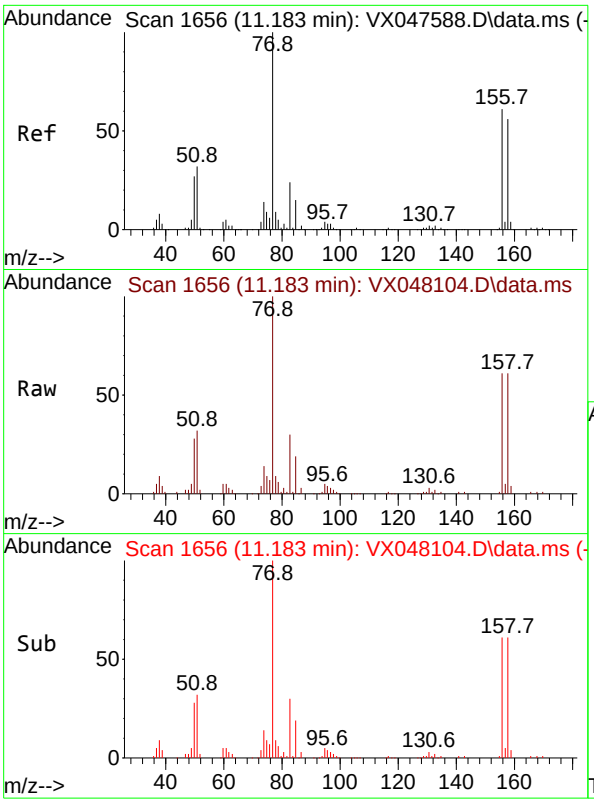


#76
1,2,3-Trichloropropane
Concen: 16.488 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 75 Resp: 35694

Ion	Ratio	Lower	Upper
75	100		
77	38.3	18.8	56.4

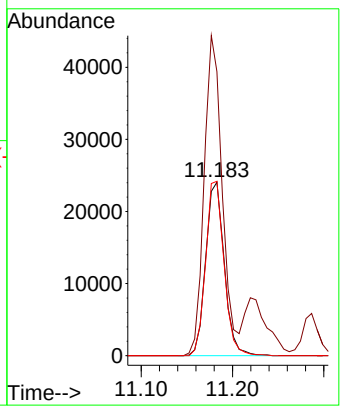




#77
Bromobenzene
Concen: 16.930 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:156 Resp: 3389

Ion	Ratio	Lower	Upper
156	100		
77	179.2	89.7	269.1
158	99.5	47.9	143.6



Instrument :
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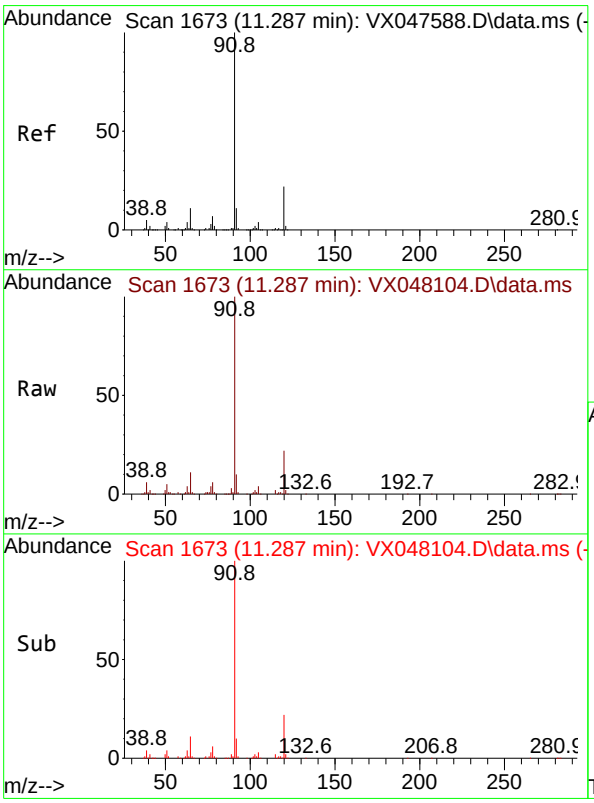
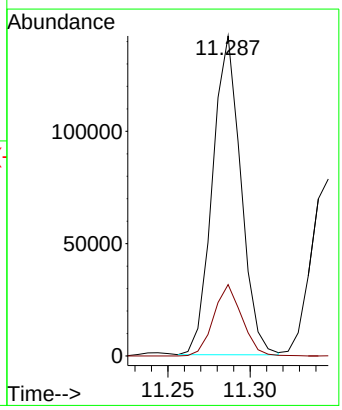
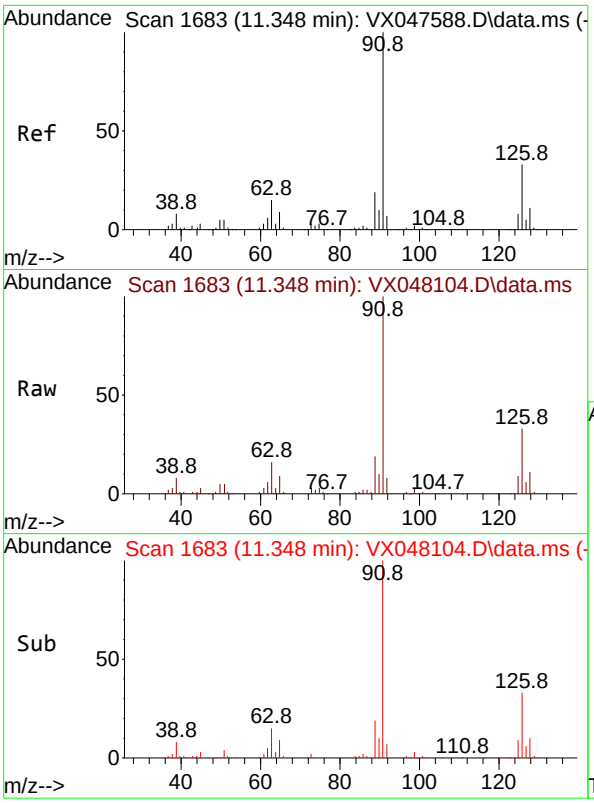


#78
n-propylbenzene
Concen: 17.715 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 91 Resp: 170232

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1





#79
2-Chlorotoluene
Concen: 17.275 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 91 Resp: 10167

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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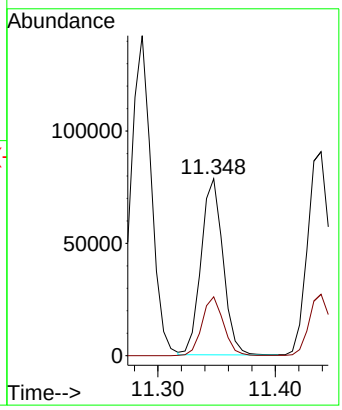
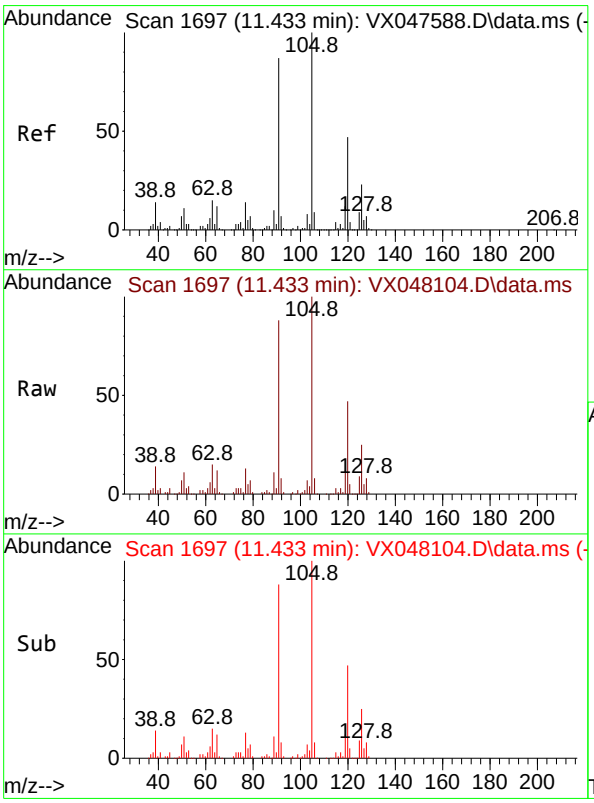
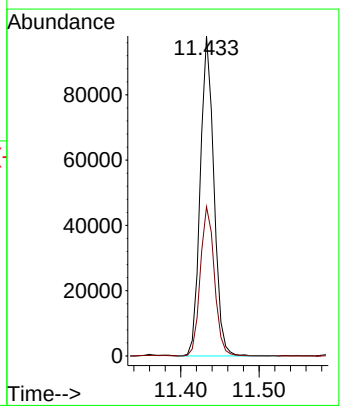


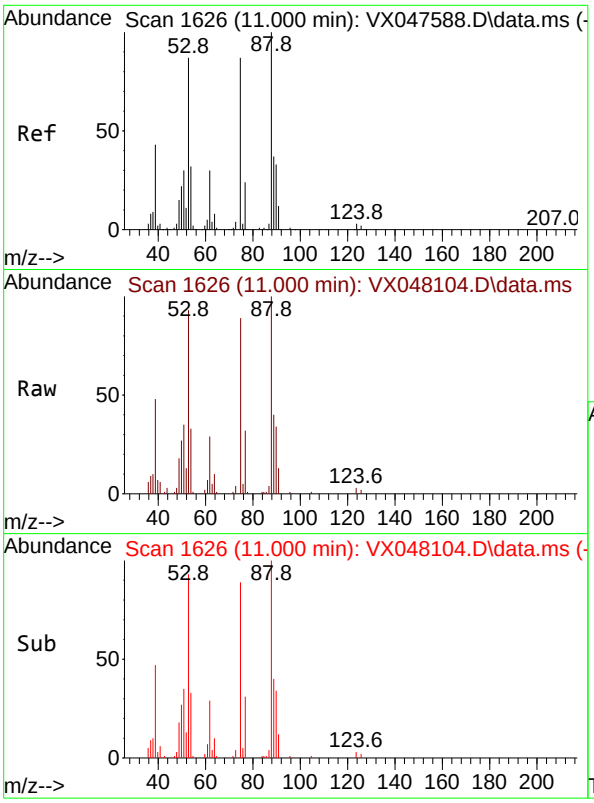


#80
1,3,5-Trimethylbenzene
Concen: 17.747 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:105 Resp: 118528

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.6	70.8

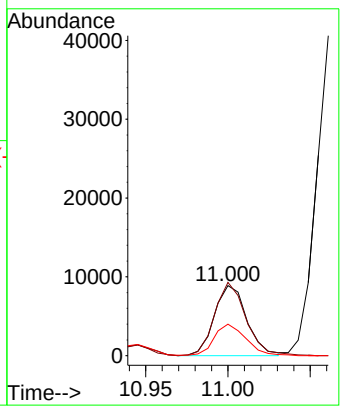




#81
trans-1,4-Dichloro-2-butene
Concen: 14.382 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 75 Resp: 1220

Ion	Ratio	Lower	Upper
75	100		
53	101.1	83.4	125.2
89	44.1	36.3	54.5



Instrument :
MSVOA_X
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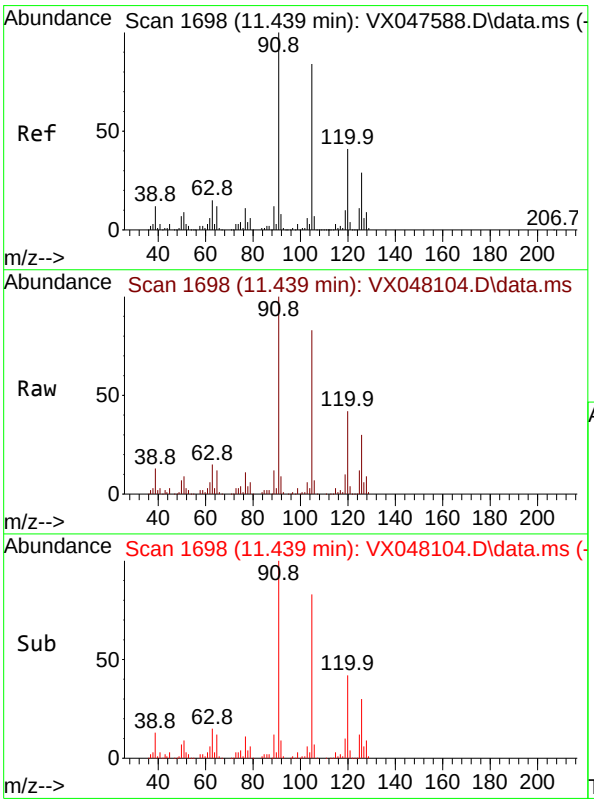
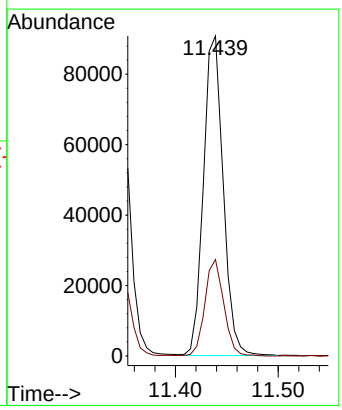
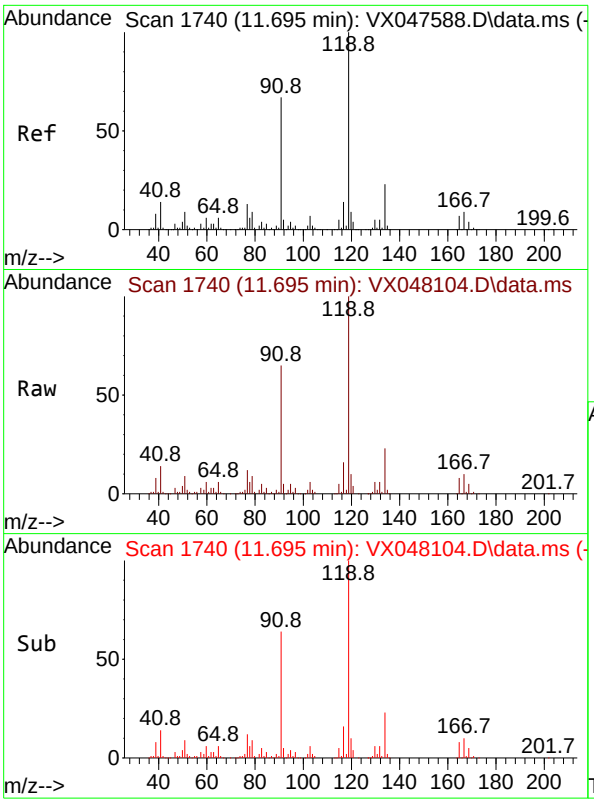


#82
4-Chlorotoluene
Concen: 17.437 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 91 Resp: 121212

Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.2	42.6

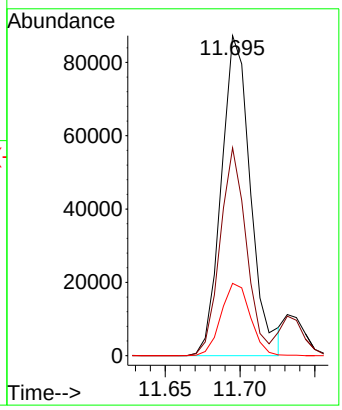




#83
tert-Butylbenzene
Concen: 17.331 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:119 Resp: 11849

Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.6	88.8
134	22.7	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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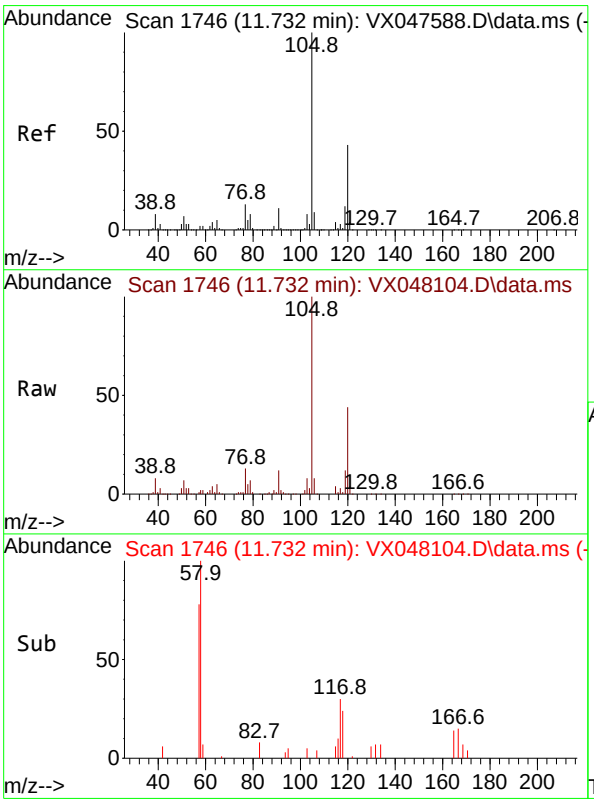
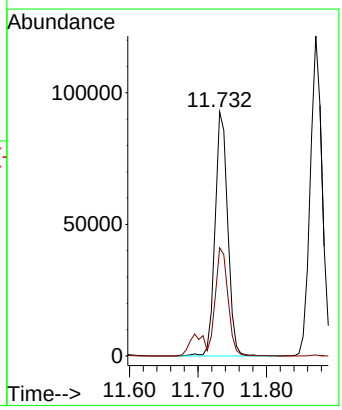
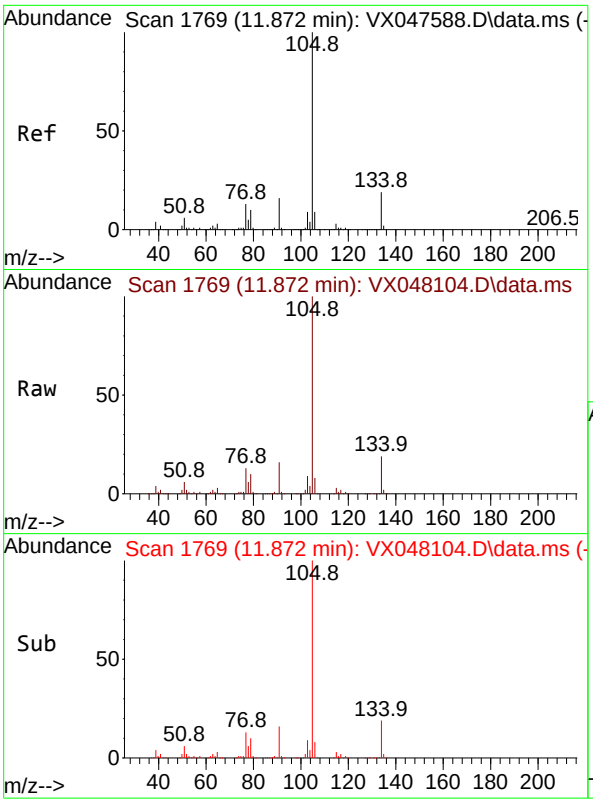


#84
1,2,4-Trimethylbenzene
Concen: 17.519 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:105 Resp: 118622

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1

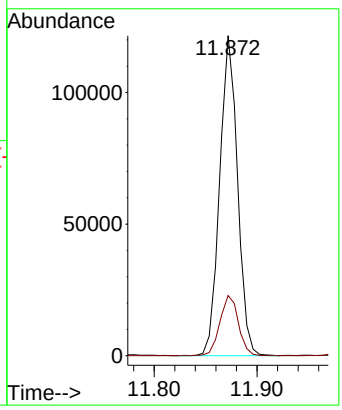




#85
sec-Butylbenzene
Concen: 18.015 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:105 Resp: 14630

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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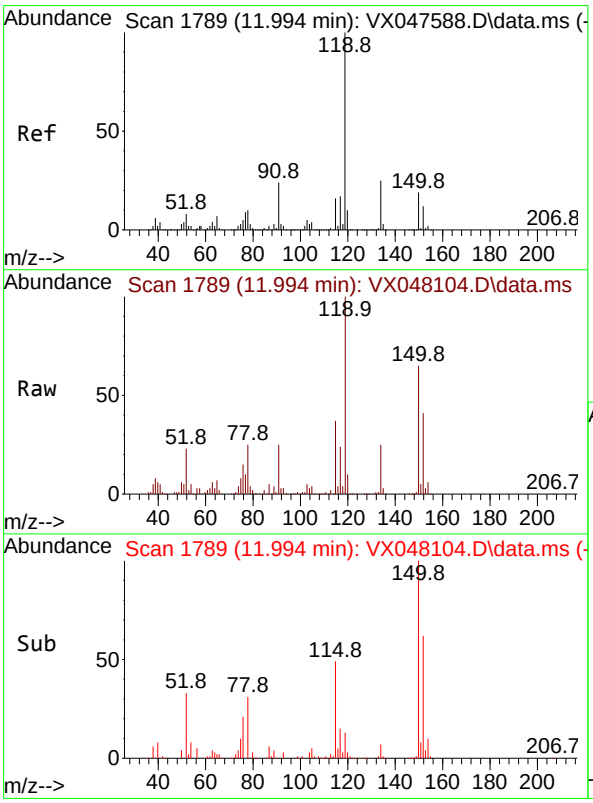
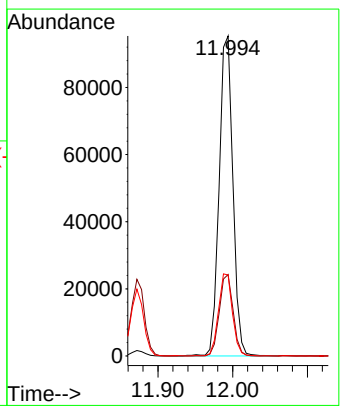
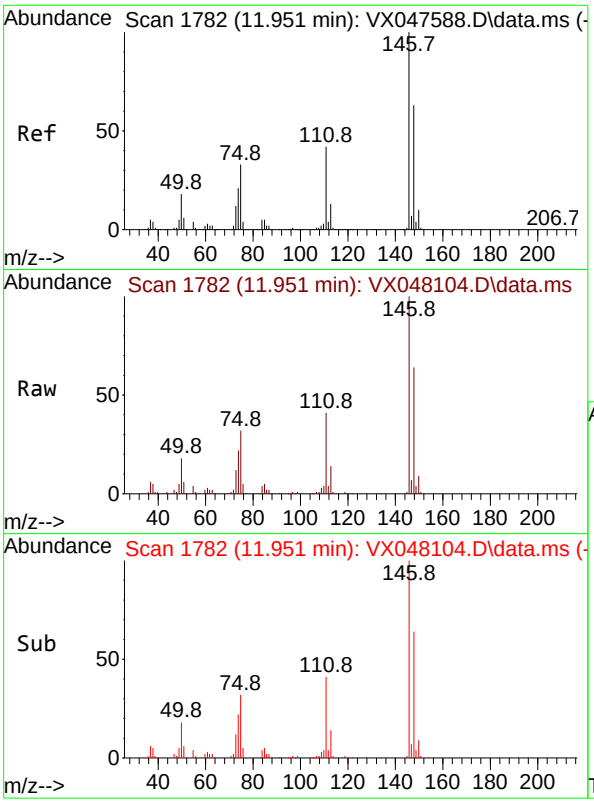


#86
p-Isopropyltoluene
Concen: 17.736 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:119 Resp: 121939

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	26.1	12.6	37.6

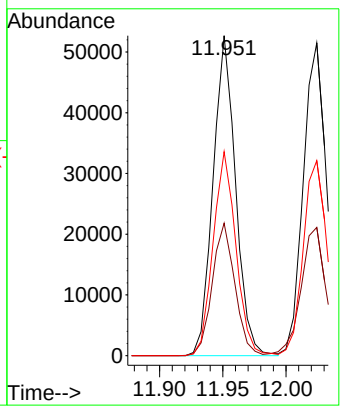




#87
1,3-Dichlorobenzene
Concen: 17.517 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:146 Resp: 6514

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.5	64.5
148	64.8	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
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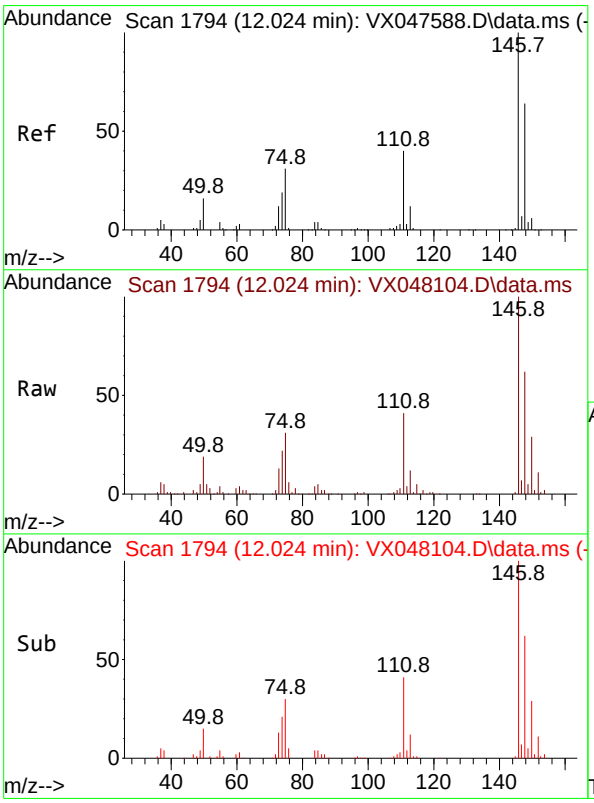
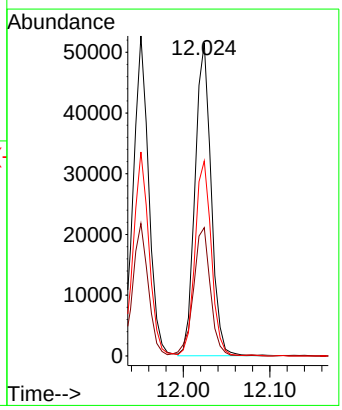
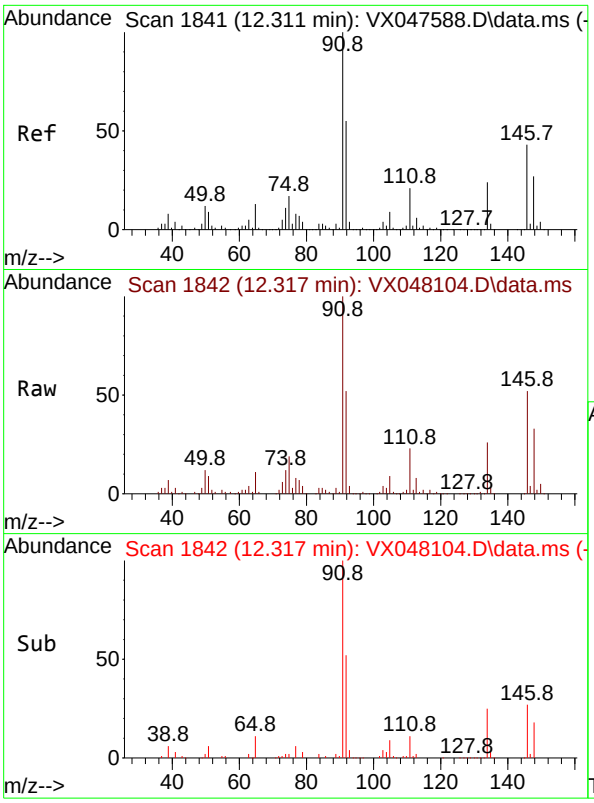


#88
1,4-Dichlorobenzene
Concen: 17.399 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:146 Resp: 66408

Ion	Ratio	Lower	Upper
146	100		
111	43.4	20.8	62.4
148	62.9	31.7	95.1

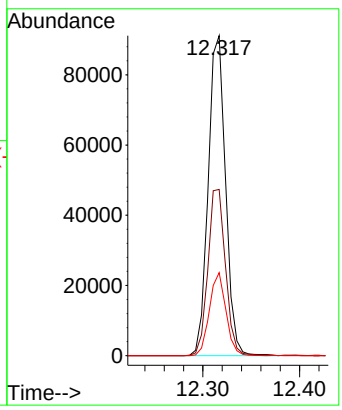




#89
n-Butylbenzene
Concen: 17.890 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 91 Resp: 11380

Ion	Ratio	Lower	Upper
91	100		
92	52.8	27.6	82.7
134	24.7	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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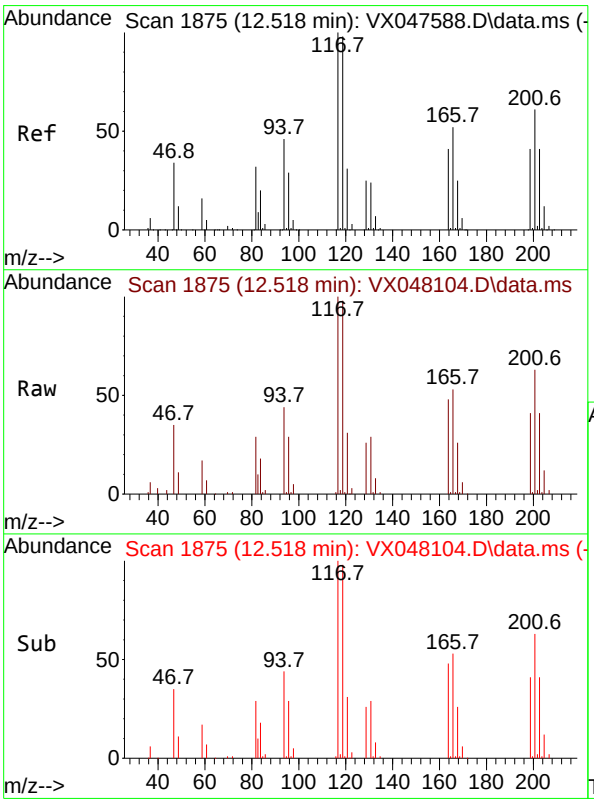
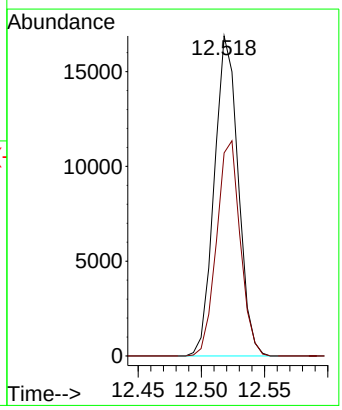
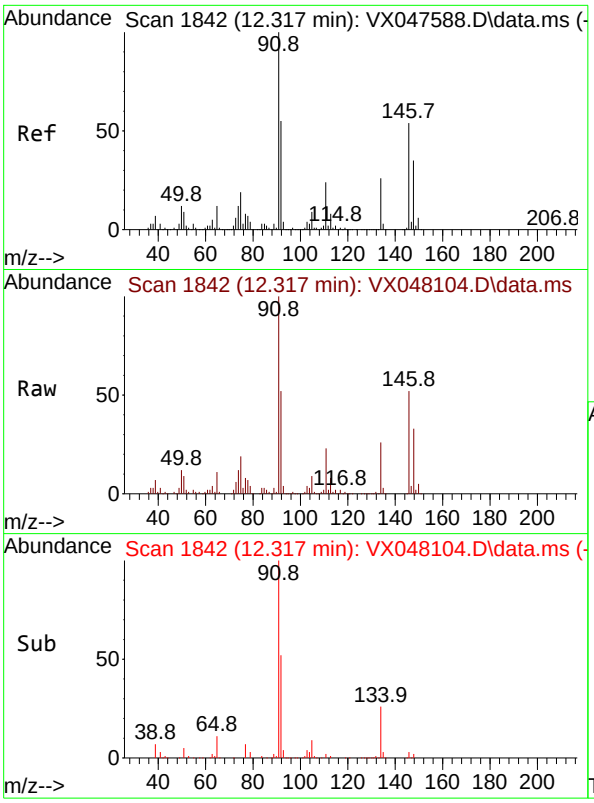


#90
Hexachloroethane
Concen: 18.342 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:117 Resp: 22140

Ion	Ratio	Lower	Upper
117	100		
201	66.7	34.2	102.5

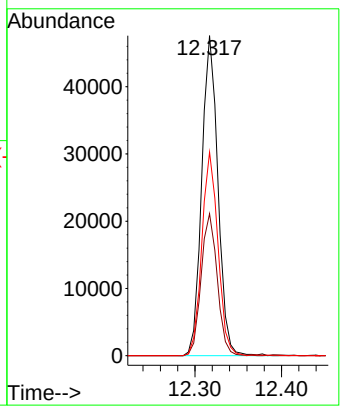




#91
1,2-Dichlorobenzene
Concen: 17.427 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:146 Resp: 6174

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	63.2	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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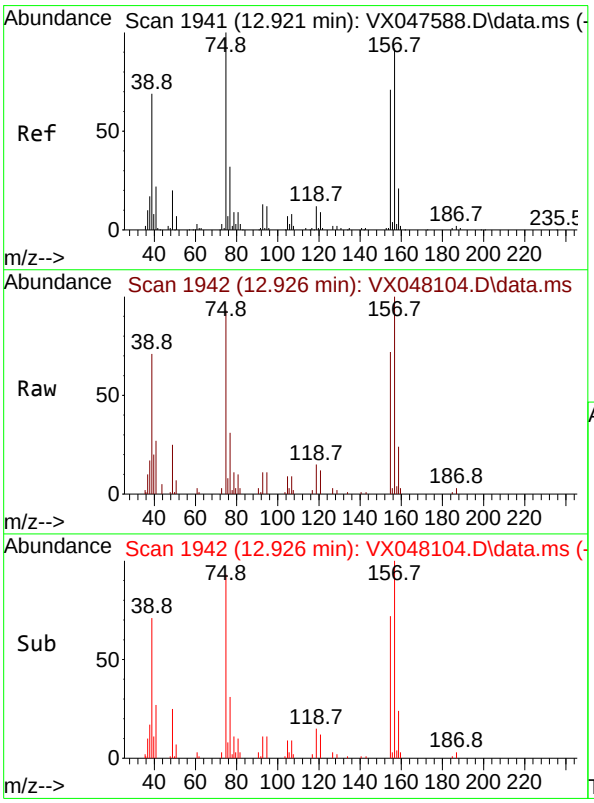
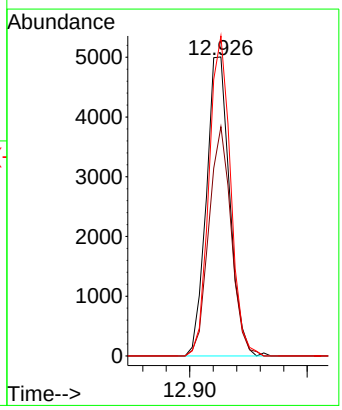
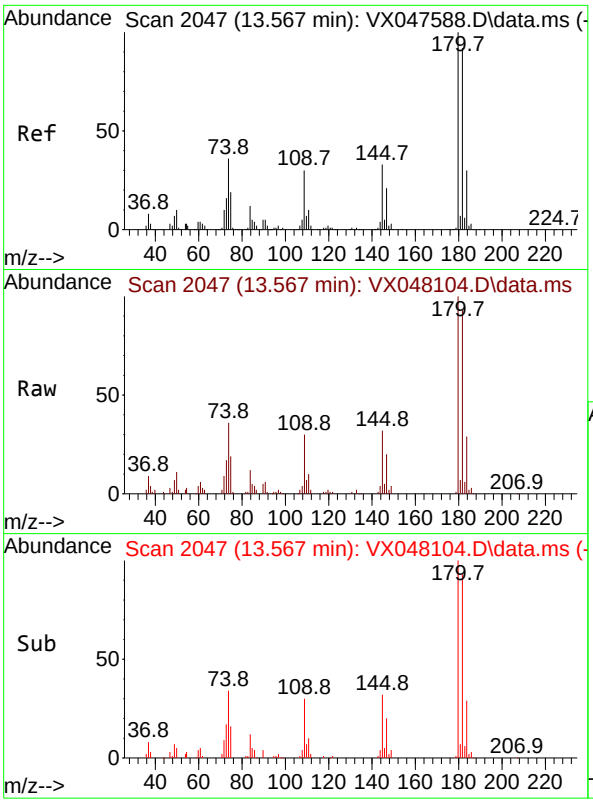


#92
1,2-Dibromo-3-Chloropropane
Concen: 13.877 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 75 Resp: 6910

Ion	Ratio	Lower	Upper
75	100		
155	73.4	37.7	113.1
157	98.8	49.8	149.4

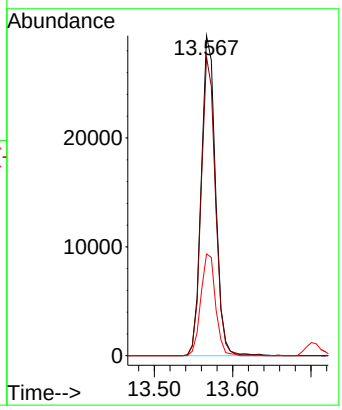




#93
1,2,4-Trichlorobenzene
Concen: 16.070 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:180 Resp: 3700

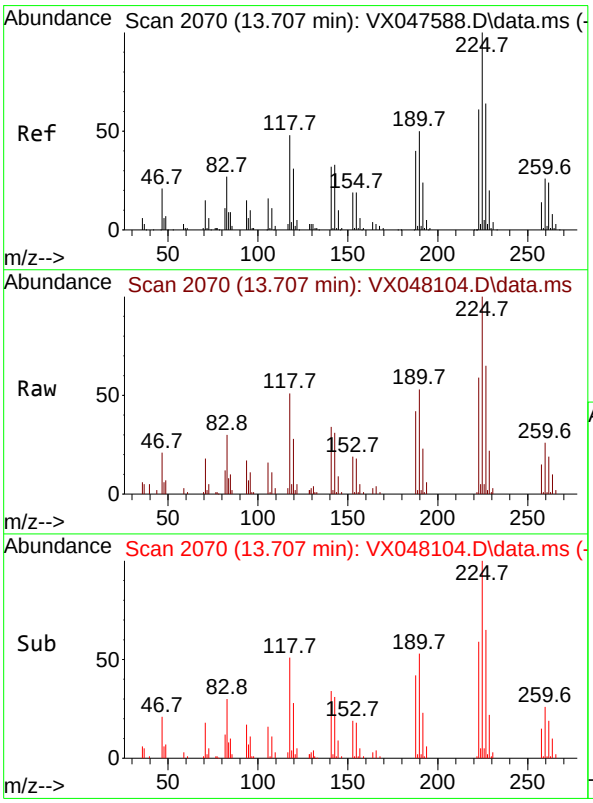
Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.6	139.8
145	32.9	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
APPROVED

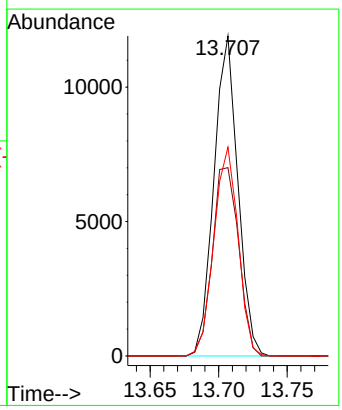
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

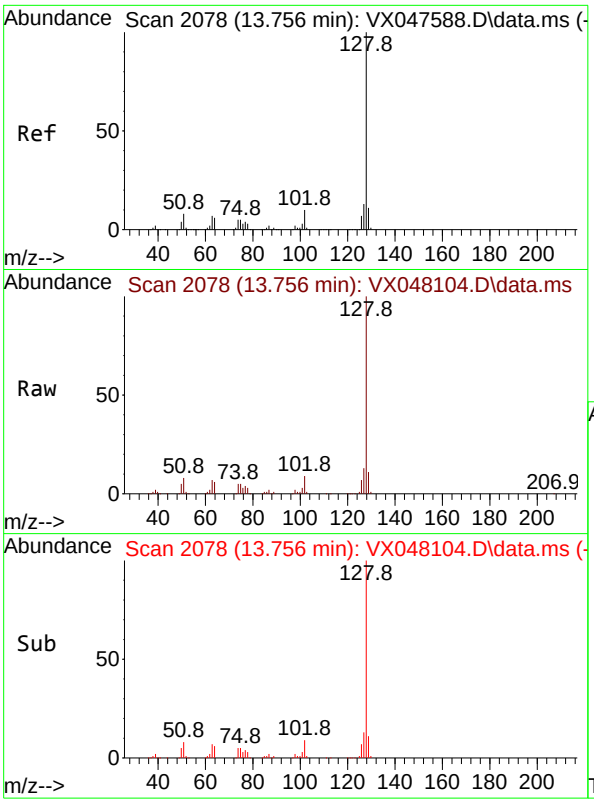


#94
Hexachlorobutadiene
Concen: 18.493 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:225 Resp: 14464

Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.7	95.1
227	66.0	32.0	96.0

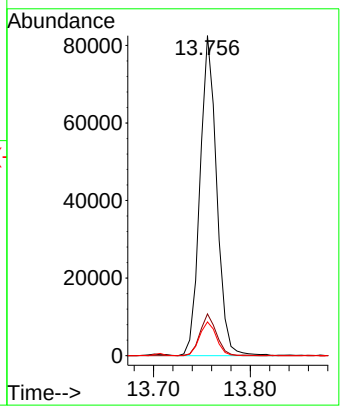




#95
Naphthalene
Concen: 14.169 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:128 Resp: 9934

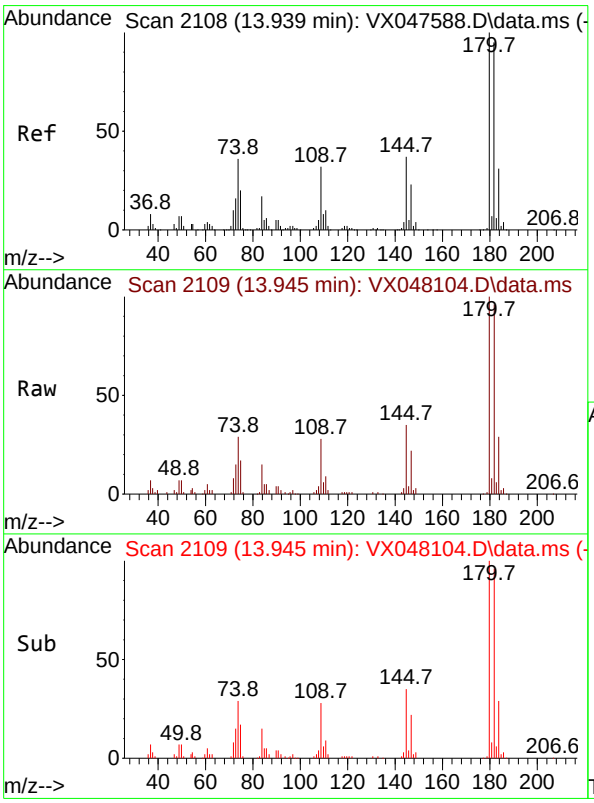
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.6	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
APPROVED

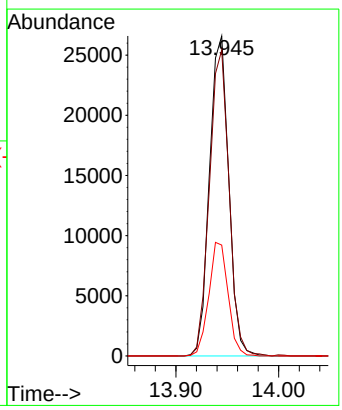
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.133 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:180 Resp: 34556

Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.6	142.8
145	35.5	17.9	53.7



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1013WBS01	SDG No.:	Q3311
Lab Sample ID:	VX1013WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	21.4		1	0.22	1.00	ug/L	10/13/25 10:43	VX101325
74-87-3	Chloromethane	18.7		1	0.32	1.00	ug/L	10/13/25 10:43	VX101325
75-01-4	Vinyl Chloride	20.0		1	0.26	1.00	ug/L	10/13/25 10:43	VX101325
74-83-9	Bromomethane	22.5		1	1.40	5.00	ug/L	10/13/25 10:43	VX101325
75-00-3	Chloroethane	20.0		1	0.47	1.00	ug/L	10/13/25 10:43	VX101325
75-69-4	Trichlorofluoromethane	20.1		1	0.33	1.00	ug/L	10/13/25 10:43	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		1	0.25	1.00	ug/L	10/13/25 10:43	VX101325
75-35-4	1,1-Dichloroethene	19.4		1	0.23	1.00	ug/L	10/13/25 10:43	VX101325
67-64-1	Acetone	79.7		1	1.50	5.00	ug/L	10/13/25 10:43	VX101325
75-15-0	Carbon Disulfide	21.6		1	0.21	1.00	ug/L	10/13/25 10:43	VX101325
1634-04-4	Methyl tert-butyl Ether	16.9		1	0.16	1.00	ug/L	10/13/25 10:43	VX101325
79-20-9	Methyl Acetate	14.3		1	0.27	1.00	ug/L	10/13/25 10:43	VX101325
75-09-2	Methylene Chloride	18.0		1	0.28	1.00	ug/L	10/13/25 10:43	VX101325
156-60-5	trans-1,2-Dichloroethene	19.8		1	0.23	1.00	ug/L	10/13/25 10:43	VX101325
75-34-3	1,1-Dichloroethane	18.7		1	0.23	1.00	ug/L	10/13/25 10:43	VX101325
110-82-7	Cyclohexane	19.6		1	1.50	5.00	ug/L	10/13/25 10:43	VX101325
78-93-3	2-Butanone	77.9		1	0.98	5.00	ug/L	10/13/25 10:43	VX101325
56-23-5	Carbon Tetrachloride	20.0		1	0.25	1.00	ug/L	10/13/25 10:43	VX101325
156-59-2	cis-1,2-Dichloroethene	18.7		1	0.19	1.00	ug/L	10/13/25 10:43	VX101325
74-97-5	Bromochloromethane	18.1		1	0.22	1.00	ug/L	10/13/25 10:43	VX101325
67-66-3	Chloroform	19.1		1	0.25	1.00	ug/L	10/13/25 10:43	VX101325
71-55-6	1,1,1-Trichloroethane	19.5		1	0.20	1.00	ug/L	10/13/25 10:43	VX101325
108-87-2	Methylcyclohexane	19.9		1	0.16	1.00	ug/L	10/13/25 10:43	VX101325
71-43-2	Benzene	19.8		1	0.15	1.00	ug/L	10/13/25 10:43	VX101325
107-06-2	1,2-Dichloroethane	19.1		1	0.22	1.00	ug/L	10/13/25 10:43	VX101325
79-01-6	Trichloroethene	20.2		1	0.090	1.00	ug/L	10/13/25 10:43	VX101325
78-87-5	1,2-Dichloropropane	19.5		1	0.20	1.00	ug/L	10/13/25 10:43	VX101325
75-27-4	Bromodichloromethane	19.8		1	0.22	1.00	ug/L	10/13/25 10:43	VX101325
108-10-1	4-Methyl-2-Pentanone	83.1		1	0.68	5.00	ug/L	10/13/25 10:43	VX101325
108-88-3	Toluene	20.2		1	0.14	1.00	ug/L	10/13/25 10:43	VX101325
10061-02-6	t-1,3-Dichloropropene	18.6		1	0.17	1.00	ug/L	10/13/25 10:43	VX101325
10061-01-5	cis-1,3-Dichloropropene	19.4		1	0.16	1.00	ug/L	10/13/25 10:43	VX101325
79-00-5	1,1,2-Trichloroethane	18.9		1	0.21	1.00	ug/L	10/13/25 10:43	VX101325
591-78-6	2-Hexanone	81.2		1	0.89	5.00	ug/L	10/13/25 10:43	VX101325
124-48-1	Dibromochloromethane	20.1		1	0.18	1.00	ug/L	10/13/25 10:43	VX101325
106-93-4	1,2-Dibromoethane	19.7		1	0.15	1.00	ug/L	10/13/25 10:43	VX101325
127-18-4	Tetrachloroethene	20.4		1	0.23	1.00	ug/L	10/13/25 10:43	VX101325
108-90-7	Chlorobenzene	19.5		1	0.12	1.00	ug/L	10/13/25 10:43	VX101325
100-41-4	Ethyl Benzene	19.2		1	0.13	1.00	ug/L	10/13/25 10:43	VX101325
179601-23-1	m/p-Xylenes	39.4		1	0.24	2.00	ug/L	10/13/25 10:43	VX101325
95-47-6	o-Xylene	19.4		1	0.12	1.00	ug/L	10/13/25 10:43	VX101325
100-42-5	Styrene	19.0		1	0.15	1.00	ug/L	10/13/25 10:43	VX101325
75-25-2	Bromoform	19.6		1	0.19	1.00	ug/L	10/13/25 10:43	VX101325

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1013WBS01	SDG No.:	Q3311
Lab Sample ID:	VX1013WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	18.0		1	0.12	1.00	ug/L	10/13/25 10:43	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	16.9		1	0.26	1.00	ug/L	10/13/25 10:43	VX101325
541-73-1	1,3-Dichlorobenzene	18.0		1	0.16	1.00	ug/L	10/13/25 10:43	VX101325
106-46-7	1,4-Dichlorobenzene	17.8		1	0.19	1.00	ug/L	10/13/25 10:43	VX101325
95-50-1	1,2-Dichlorobenzene	17.8		1	0.16	1.00	ug/L	10/13/25 10:43	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	14.2		1	0.53	1.00	ug/L	10/13/25 10:43	VX101325
120-82-1	1,2,4-Trichlorobenzene	16.4		1	0.20	1.00	ug/L	10/13/25 10:43	VX101325
87-61-6	1,2,3-Trichlorobenzene	16.4		1	0.20	1.00	ug/L	10/13/25 10:43	VX101325
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	50.6			74 - 125	101%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.6			75 - 124	111%	SPK: 50		
2037-26-5	Toluene-d8	53.9			86 - 113	108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.8			77 - 121	110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	148000							
540-36-3	1,4-Difluorobenzene	253000							
3114-55-4	Chlorobenzene-d5	230000							
3855-82-1	1,4-Dichlorobenzene-d4	119000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048129.D
Acq On : 13 Oct 2025 10:43
Operator : JC/MD
Sample : VX1013WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 14 01:50:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.532	168	148350	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	252959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	229883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	119033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	119369	50.551	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.100%			
35) Dibromofluoromethane	5.367	113	94292	55.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.160%			
50) Toluene-d8	8.629	98	316122	53.852	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.700%			
62) 4-Bromofluorobenzene	11.061	95	122028	54.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	32828	21.370	ug/l	100
3) Chloromethane	1.301	50	37661	18.654	ug/l	98
4) Vinyl Chloride	1.380	62	39527	20.000	ug/l	98
5) Bromomethane	1.618	94	28236	22.531	ug/l	99
6) Chloroethane	1.697	64	26398	19.985	ug/l	99
7) Trichlorofluoromethane	1.898	101	59124	20.148	ug/l	95
8) Diethyl Ether	2.136	74	21980	18.311	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	34269	19.972	ug/l	99
10) Methyl Iodide	2.453	142	42630	15.930	ug/l	99
11) Tert butyl alcohol	2.941	59	18334	69.713	ug/l	98
12) 1,1-Dichloroethene	2.325	96	34241	19.427	ug/l	98
13) Acrolein	2.233	56	18241	75.267	ug/l	98
14) Allyl chloride	2.666	41	63862	17.559	ug/l	99
15) Acrylonitrile	3.056	53	79336	81.442	ug/l	100
16) Acetone	2.374	43	81810	79.680	ug/l	100
17) Carbon Disulfide	2.514	76	104233	21.602	ug/l	100
18) Methyl Acetate	2.697	43	32698	14.310	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	108918	16.928	ug/l	98
20) Methylene Chloride	2.788	84	39166	18.021	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	37516	19.770	ug/l	92
22) Diisopropyl ether	3.751	45	128533	18.235	ug/l	98
23) Vinyl Acetate	3.709	43	492314	87.267	ug/l	100
24) 1,1-Dichloroethane	3.599	63	70241	18.748	ug/l	99
25) 2-Butanone	4.538	43	99825	77.945	ug/l	97
26) 2,2-Dichloropropane	4.465	77	58874	18.904	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	43468	18.705	ug/l	99
28) Bromochloromethane	4.885	49	29675	18.143	ug/l	98
29) Tetrahydrofuran	4.983	42	59828	77.654	ug/l	99
30) Chloroform	5.080	83	72428	19.131	ug/l	99
31) Cyclohexane	5.446	56	61201	19.614	ug/l	93
32) 1,1,1-Trichloroethane	5.367	97	62598	19.493	ug/l	98
36) 1,1-Dichloropropene	5.678	75	48401	19.525	ug/l	98
37) Ethyl Acetate	4.690	43	42866	16.150	ug/l	98
38) Carbon Tetrachloride	5.660	117	53844	19.991	ug/l	97
39) Methylcyclohexane	7.367	83	56127	19.946	ug/l	95
40) Benzene	6.019	78	149106	19.804	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048129.D
Acq On : 13 Oct 2025 10:43
Operator : JC/MD
Sample : VX1013WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 14 01:50:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.904	41	22929	16.733	ug/l		98
42) 1,2-Dichloroethane	6.068	62	54826	19.138	ug/l		99
43) Isopropyl Acetate	6.318	43	70749	16.252	ug/l		100
44) Trichloroethene	7.104	130	36689	20.156	ug/l		99
45) 1,2-Dichloropropane	7.415	63	37635	19.521	ug/l		100
46) Dibromomethane	7.562	93	26936	19.199	ug/l		99
47) Bromodichloromethane	7.806	83	57444	19.842	ug/l		99
48) Methyl methacrylate	7.671	41	35340	16.298	ug/l		99
49) 1,4-Dioxane	7.641	88	7765	354.348	ug/l		92
51) 4-Methyl-2-Pentanone	8.555	43	200541	83.089	ug/l		99
52) Toluene	8.702	92	93668	20.193	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	54932	18.602	ug/l		96
54) cis-1,3-Dichloropropene	8.348	75	61143	19.371	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	33878	18.940	ug/l		99
56) Ethyl methacrylate	9.098	69	48553	17.284	ug/l		98
57) 1,3-Dichloropropane	9.293	76	59890	19.491	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	112855	91.363	ug/l		99
59) 2-Hexanone	9.415	43	140828	81.242	ug/l		99
60) Dibromochloromethane	9.506	129	41473	20.123	ug/l		99
61) 1,2-Dibromoethane	9.592	107	35938	19.726	ug/l		100
64) Tetrachloroethene	9.256	164	30626	20.436	ug/l		98
65) Chlorobenzene	10.061	112	101845	19.501	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.147	131	34535	19.163	ug/l		98
67) Ethyl Benzene	10.177	91	173357	19.238	ug/l		97
68) m/p-Xylenes	10.287	106	132267	39.436	ug/l		99
69) o-Xylene	10.622	106	62993	19.418	ug/l		98
70) Styrene	10.634	104	108165	19.029	ug/l		98
71) Bromoform	10.781	173	26427	19.639	ug/l	#	98
73) Isopropylbenzene	10.945	105	162619	17.970	ug/l		99
74) N-amyl acetate	10.823	43	60305	14.613	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	46175	16.865	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	45237m	18.770	ug/l		
77) Bromobenzene	11.177	156	39258	17.613	ug/l		97
78) n-propylbenzene	11.287	91	196547	18.373	ug/l		100
79) 2-Chlorotoluene	11.348	91	119031	18.167	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	136540	18.364	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	13529	14.315	ug/l		95
82) 4-Chlorotoluene	11.433	91	140028	18.095	ug/l		99
83) tert-Butylbenzene	11.695	119	131943	17.336	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	135638	17.994	ug/l		99
85) sec-Butylbenzene	11.872	105	164291	18.173	ug/l		100
86) p-Isopropyltoluene	11.988	119	138550	18.102	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	74328	17.954	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	75672	17.809	ug/l		99
89) n-Butylbenzene	12.311	91	128271	18.112	ug/l		99
90) Hexachloroethane	12.518	117	25236	18.780	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	70052	17.761	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7847	14.156	ug/l		93
93) 1,2,4-Trichlorobenzene	13.567	180	41939	16.361	ug/l		98
94) Hexachlorobutadiene	13.701	225	16364	18.794	ug/l		97
95) Naphthalene	13.756	128	112268	14.383	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	39097	16.397	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048129.D
Acq On : 13 Oct 2025 10:43
Operator : JC/MD
Sample : VX1013WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 14 01:50:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048129.D
Acq On : 13 Oct 2025 10:43
Operator : JC/MD
Sample : VX1013WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 14 01:50:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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Instrument :
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ClientSampleId :
VX1013WBS01

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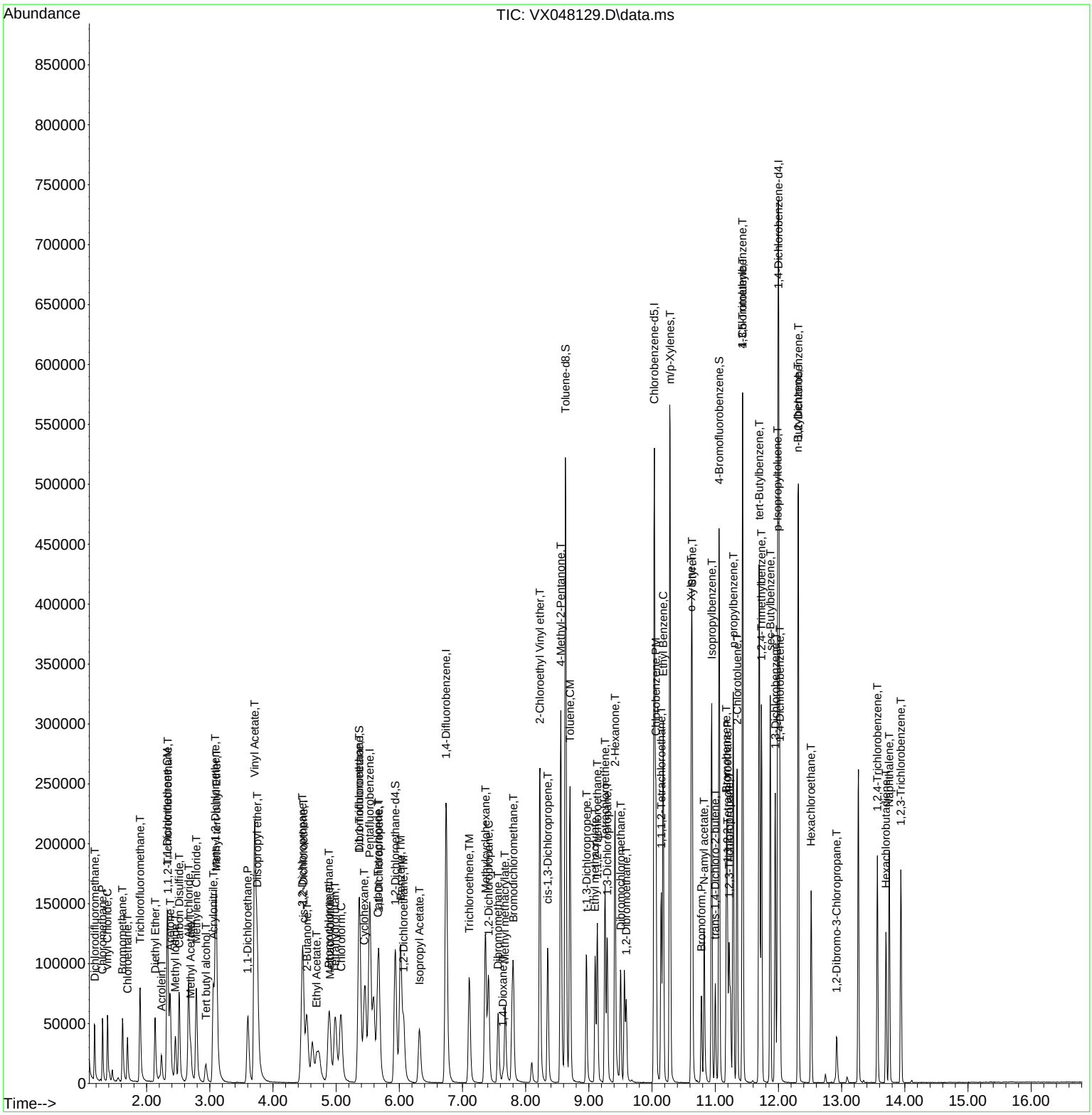
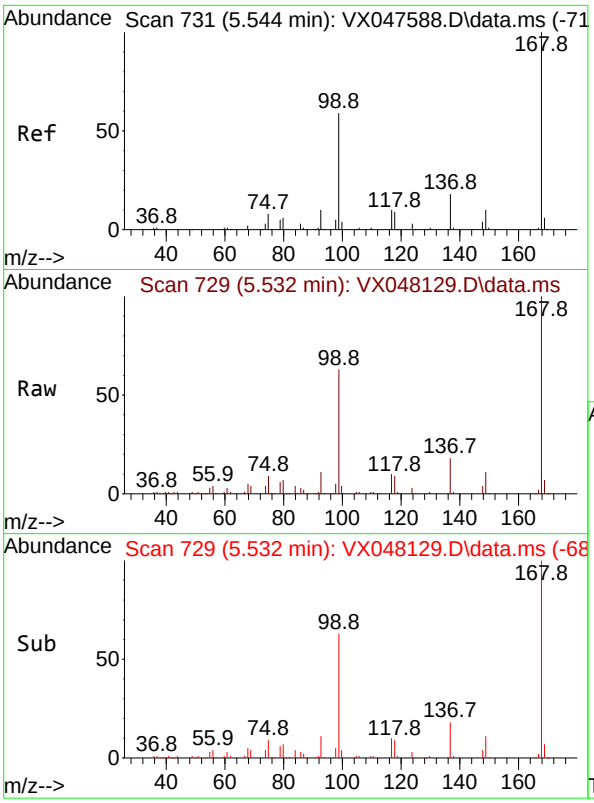
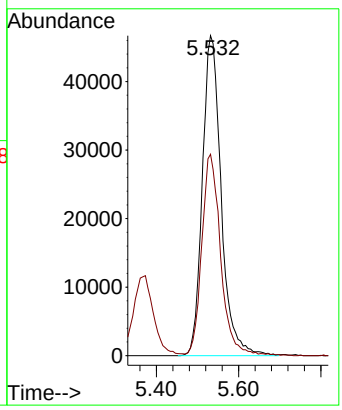




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:168 Resp: 14835

Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
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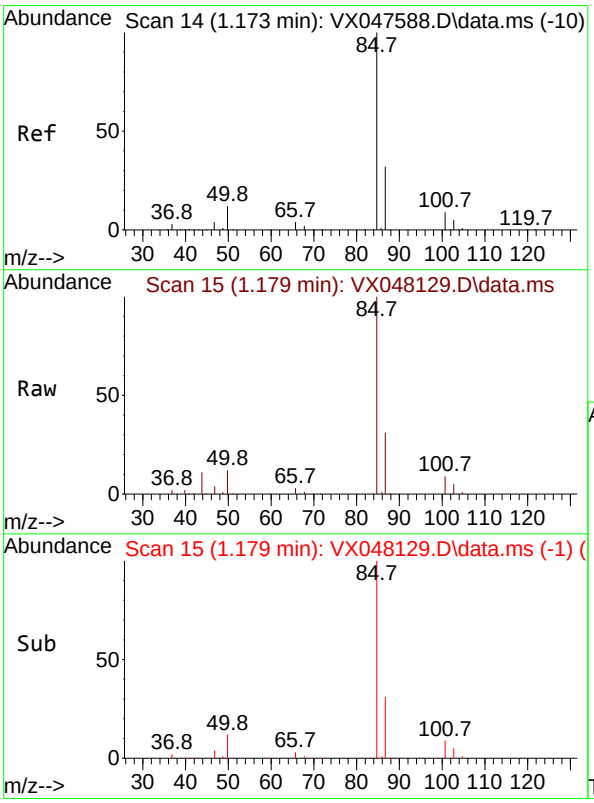
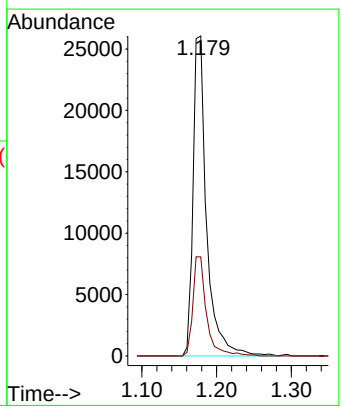
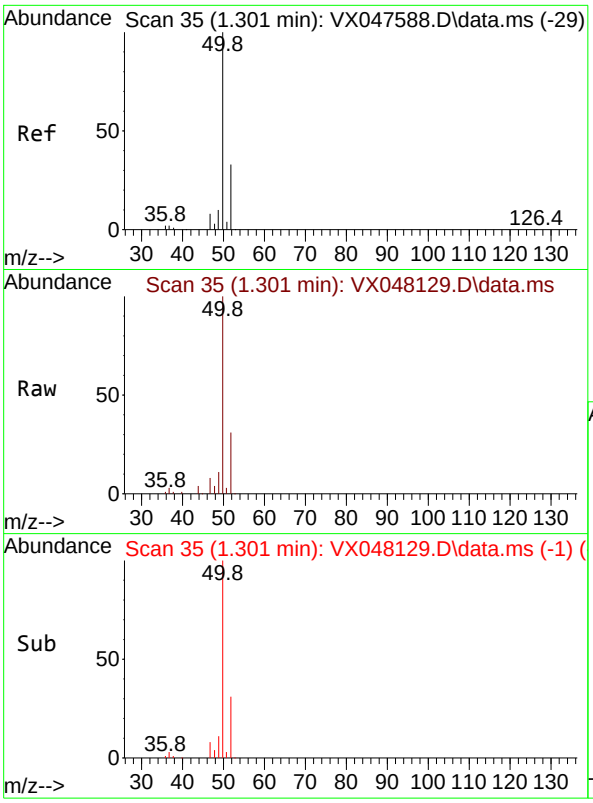


#2
Dichlorodifluoromethane
Concen: 21.370 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 85 Resp: 32828

Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.8	47.3

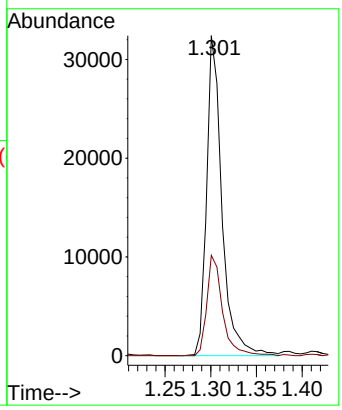




#3
Chloromethane
Concen: 18.654 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 50 Resp: 3766

Ion	Ratio	Lower	Upper
50	100		
52	31.4	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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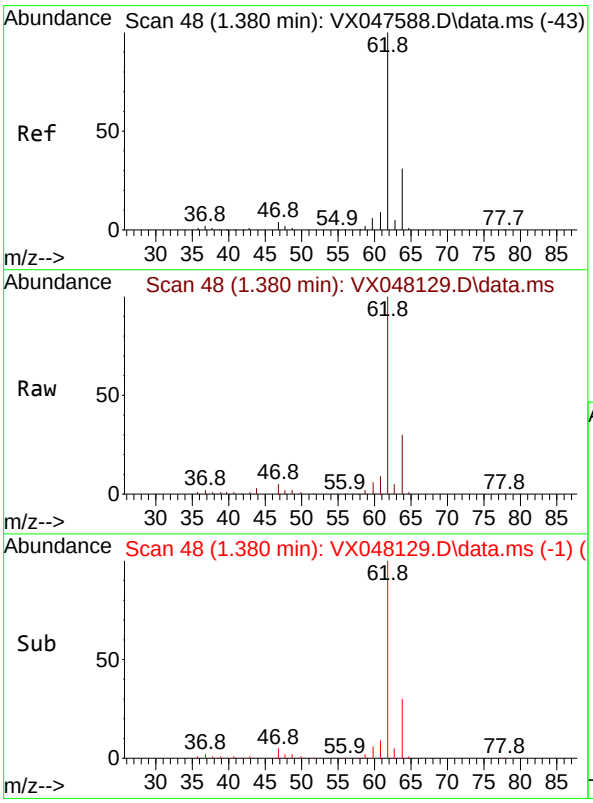
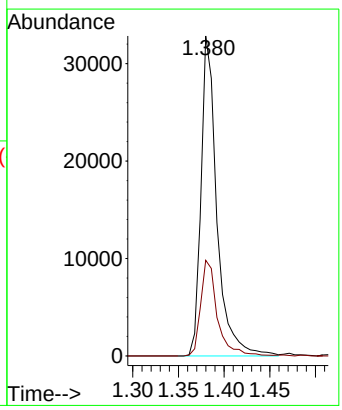
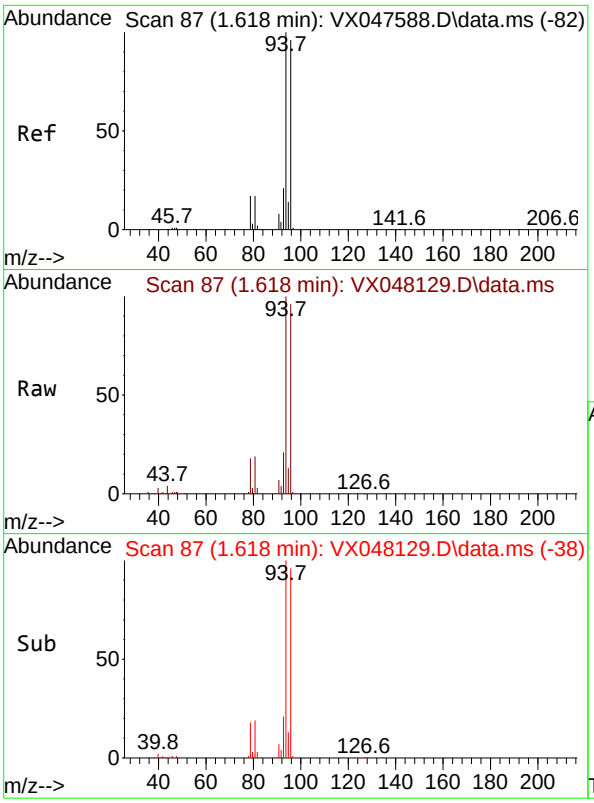


#4
Vinyl Chloride
Concen: 20.000 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 62 Resp: 39527

Ion	Ratio	Lower	Upper
62	100		
64	29.9	24.9	37.3

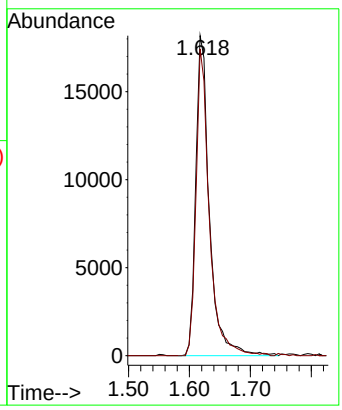




#5
Bromomethane
Concen: 22.531 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 94 Resp: 2823

Ion	Ratio	Lower	Upper
94	100		
96	97.1	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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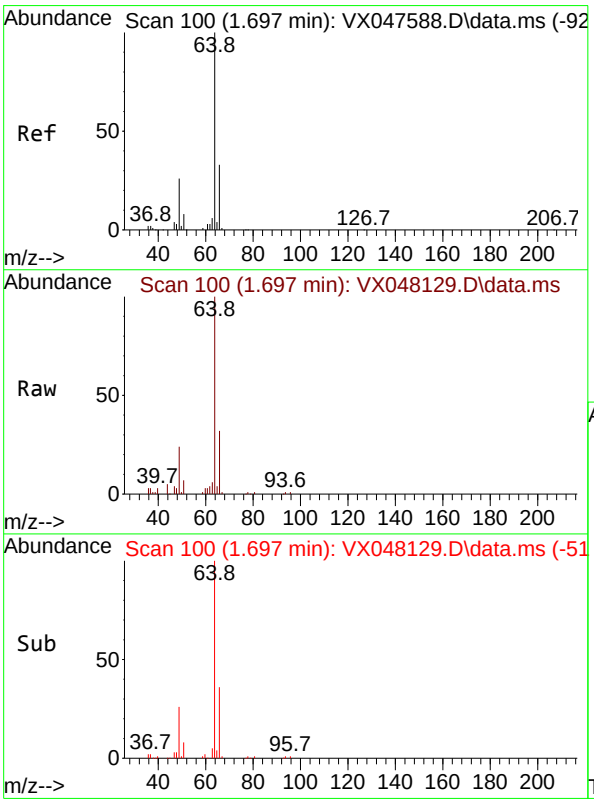
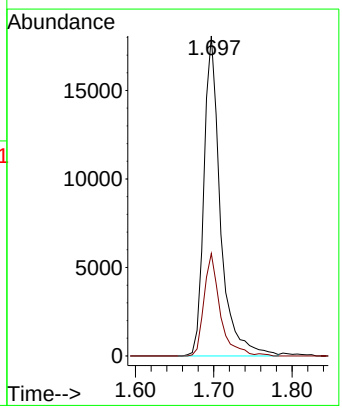
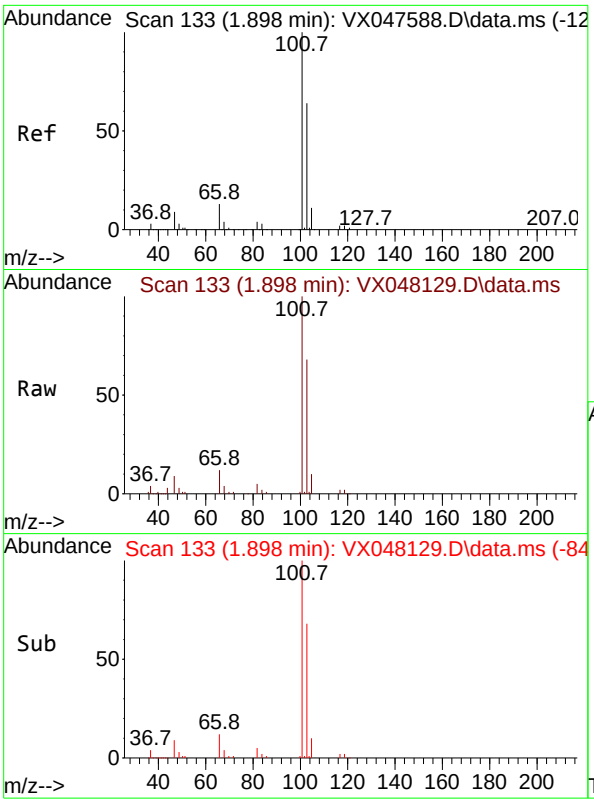


#6
Chloroethane
Concen: 19.985 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 64 Resp: 26398

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.1	39.1

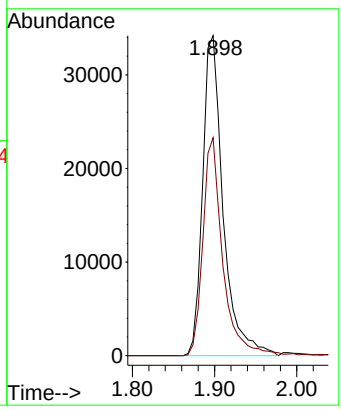




#7
Trichlorofluoromethane
Concen: 20.148 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:101 Resp: 5912

Ion	Ratio	Lower	Upper
101	100		
103	68.1	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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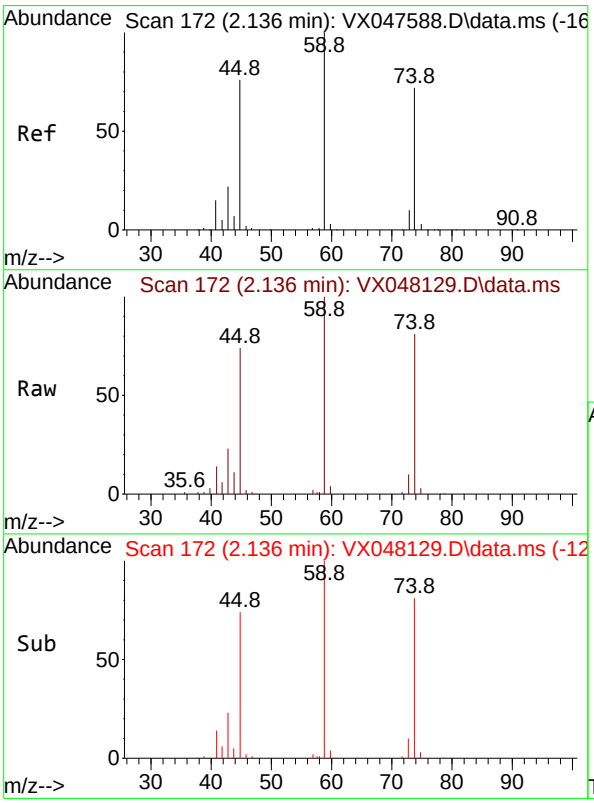
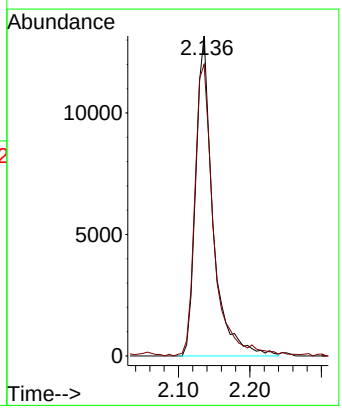
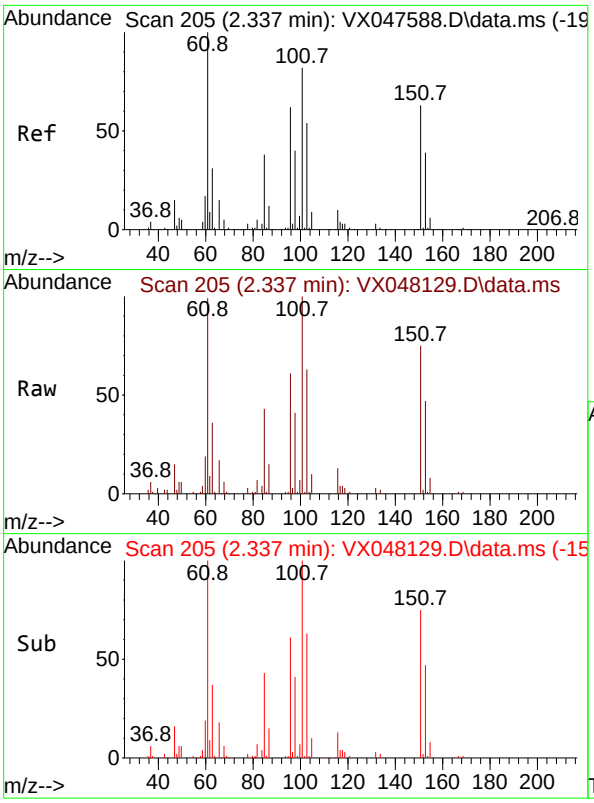


#8
Diethyl Ether
Concen: 18.311 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 74 Resp: 21980

Ion	Ratio	Lower	Upper
74	100		
45	100.4	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.972 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:101 Resp: 3426

Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.5	53.3
151	72.5	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
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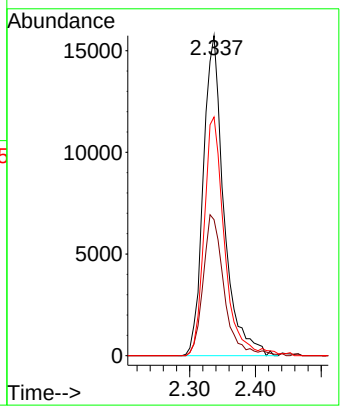
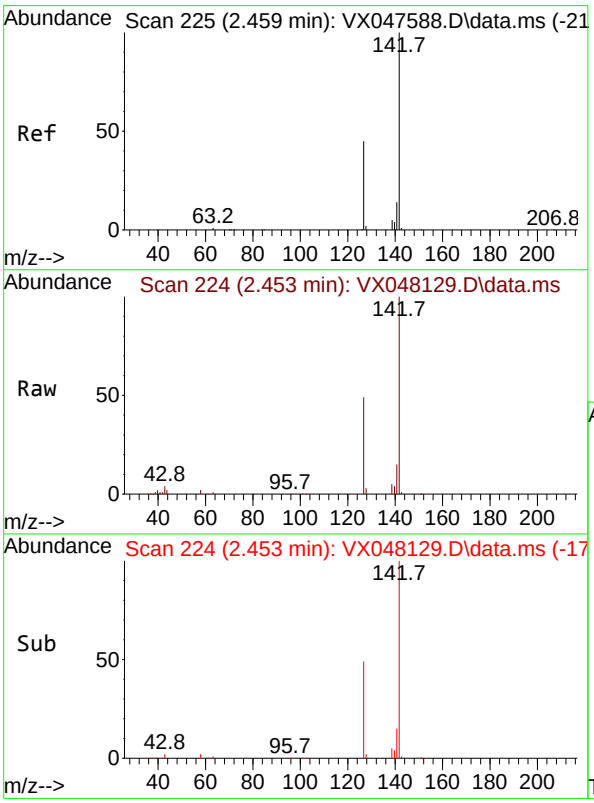
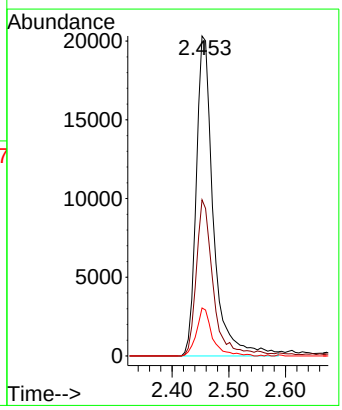


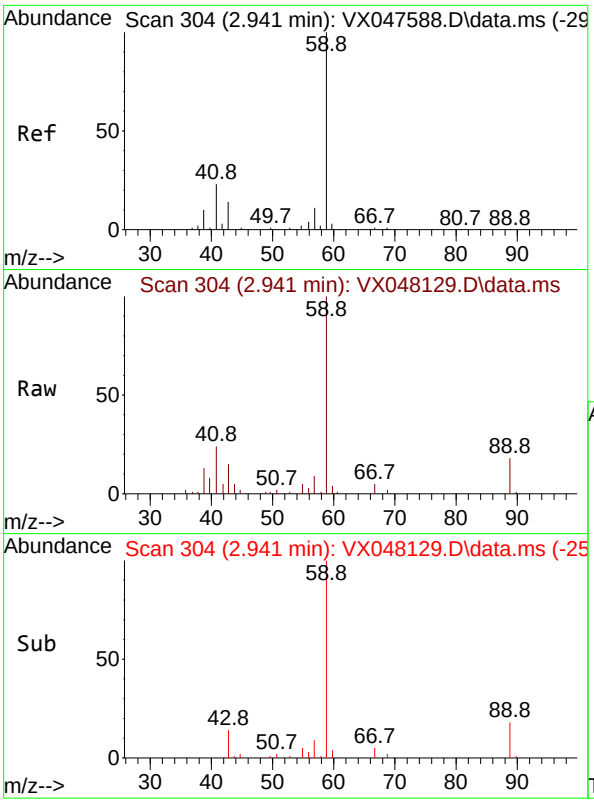


#10
Methyl Iodide
Concen: 15.930 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:142 Resp: 42630

Ion	Ratio	Lower	Upper
142	100		
127	47.5	37.2	55.8
141	13.9	11.4	17.0

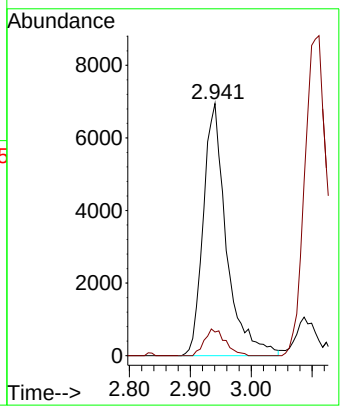




#11
Tert butyl alcohol
Concen: 69.713 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 59 Resp: 1833

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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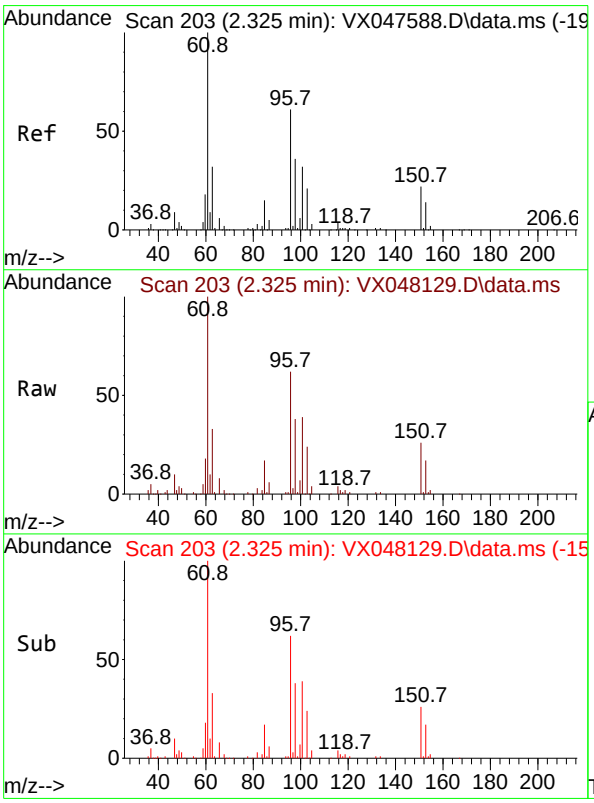
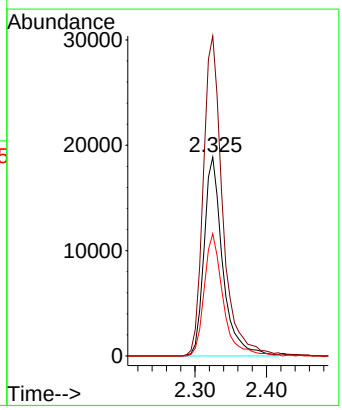
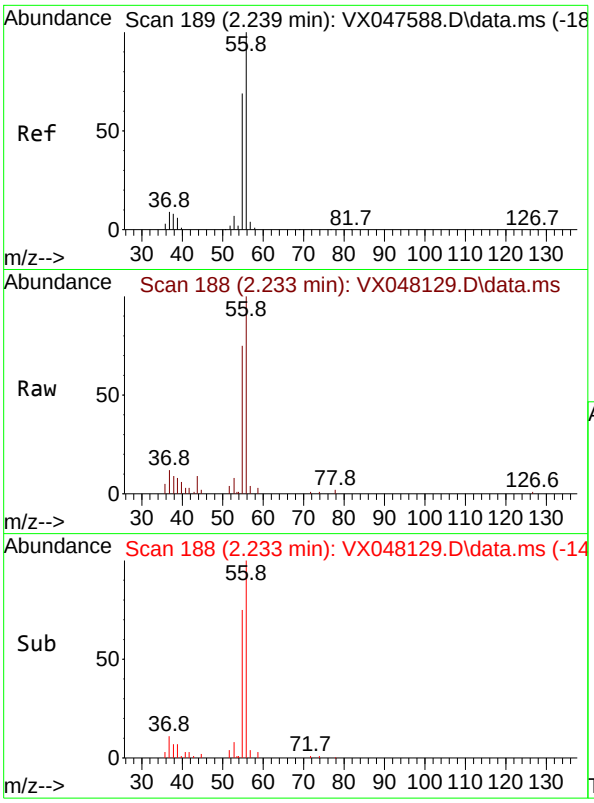


#12
1,1-Dichloroethene
Concen: 19.427 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 96 Resp: 34241

Ion	Ratio	Lower	Upper
96	100		
61	161.0	131.0	196.6
98	61.5	47.7	71.5

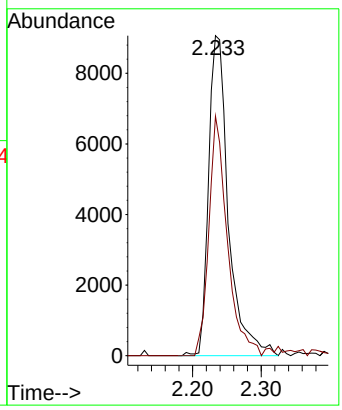




#13
Acrolein
Concen: 75.267 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 56 Resp: 1824

Ion	Ratio	Lower	Upper
56	100		
55	69.7	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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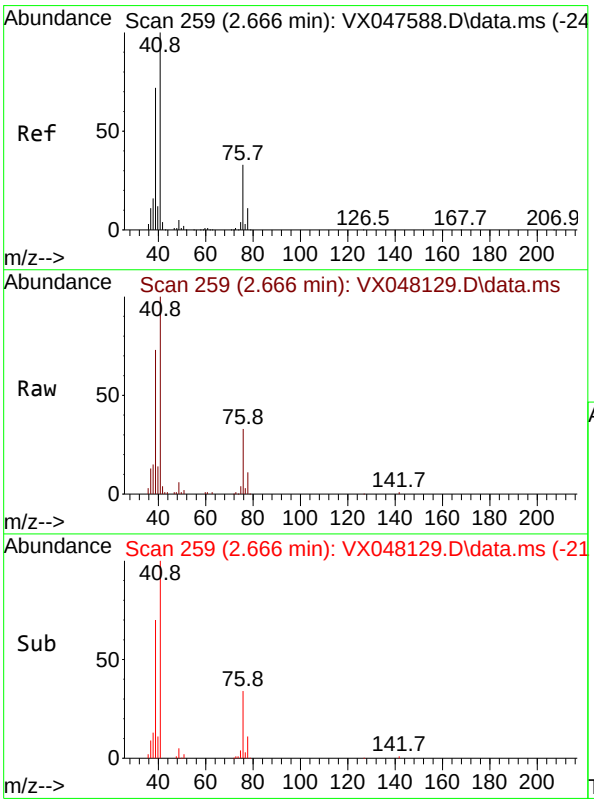
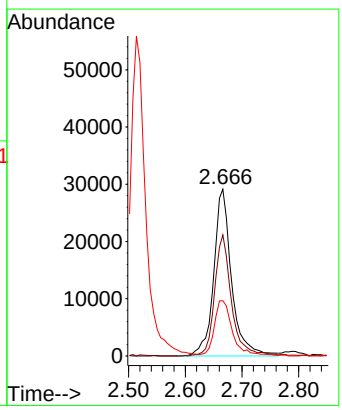
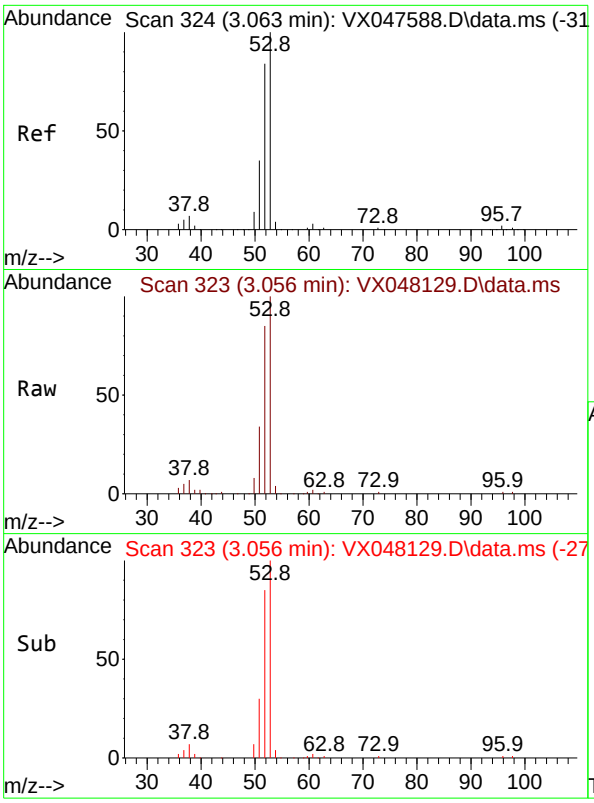


#14
Allyl chloride
Concen: 17.559 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 41 Resp: 63862

Ion	Ratio	Lower	Upper
41	100		
39	68.7	54.7	82.1
76	33.9	25.7	38.5

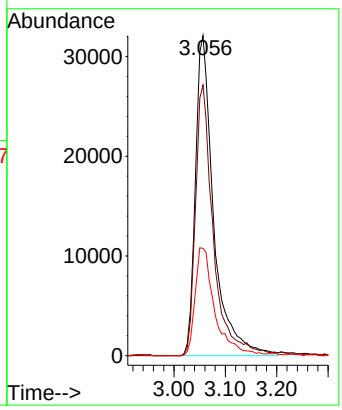




#15
Acrylonitrile
Concen: 81.442 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 53 Resp: 7933

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.4	99.6
51	36.5	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
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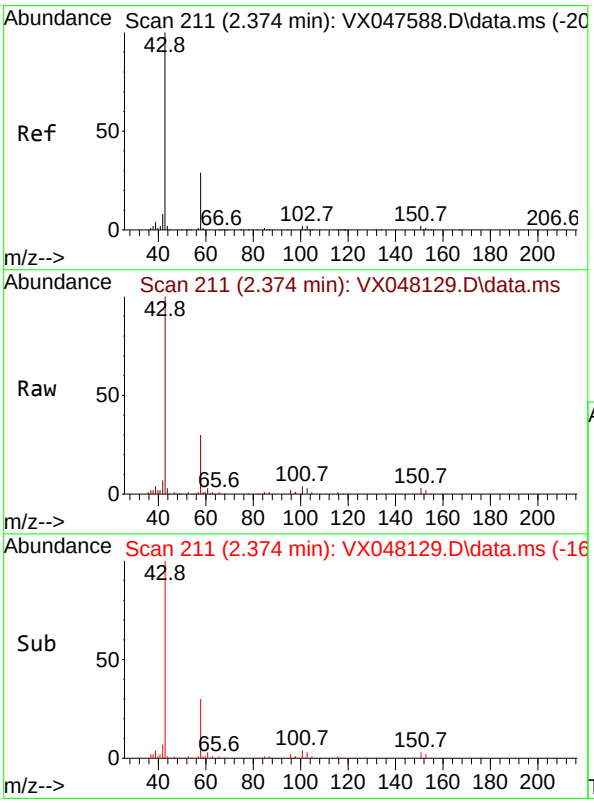
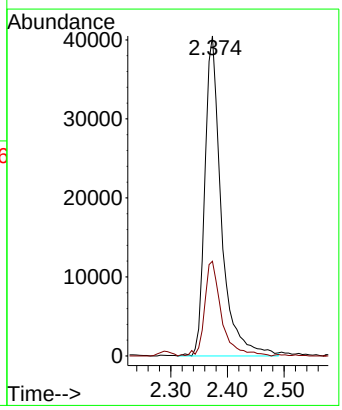
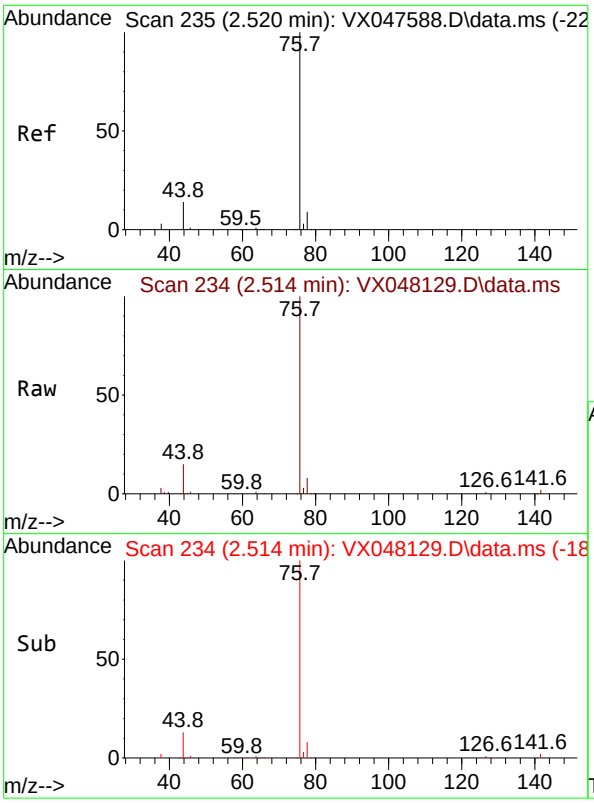


#16
Acetone
Concen: 79.680 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 81810

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0

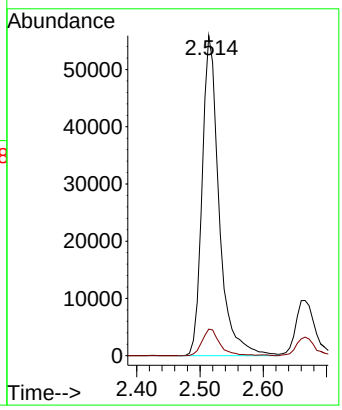




#17
Carbon Disulfide
Concen: 21.602 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 76 Resp: 10423

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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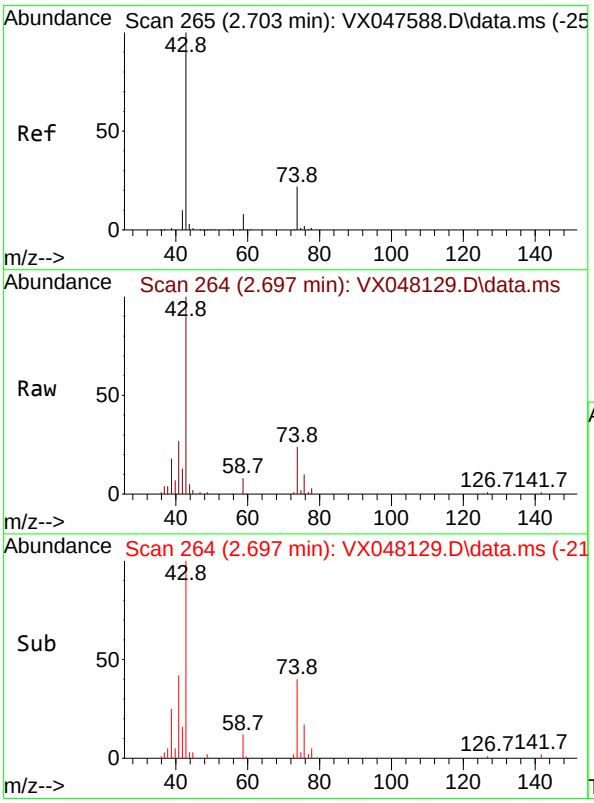
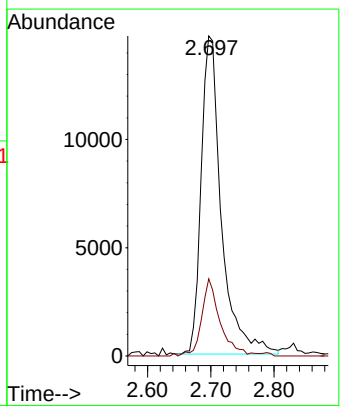
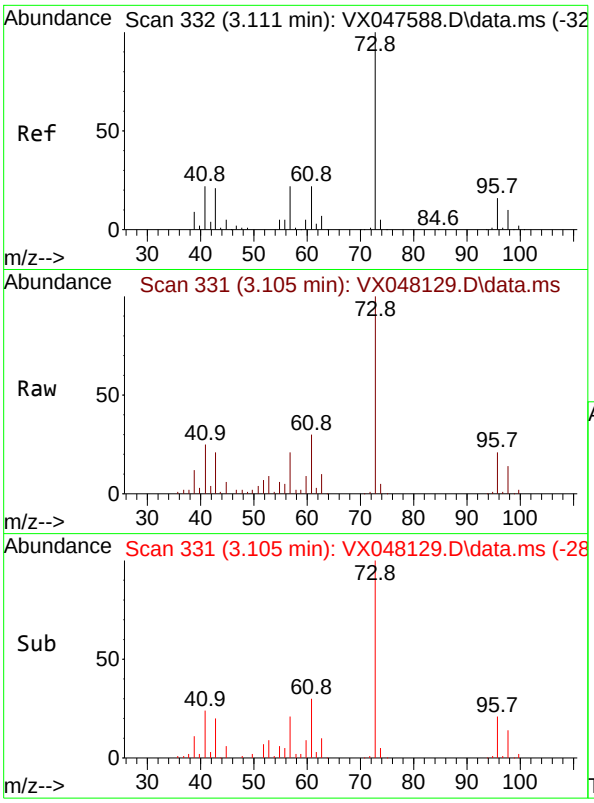


#18
Methyl Acetate
Concen: 14.310 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 32698

Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.4	26.2

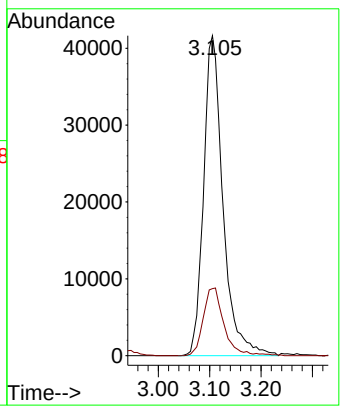




#19
Methyl tert-butyl Ether
Concen: 16.928 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 73 Resp: 10891

Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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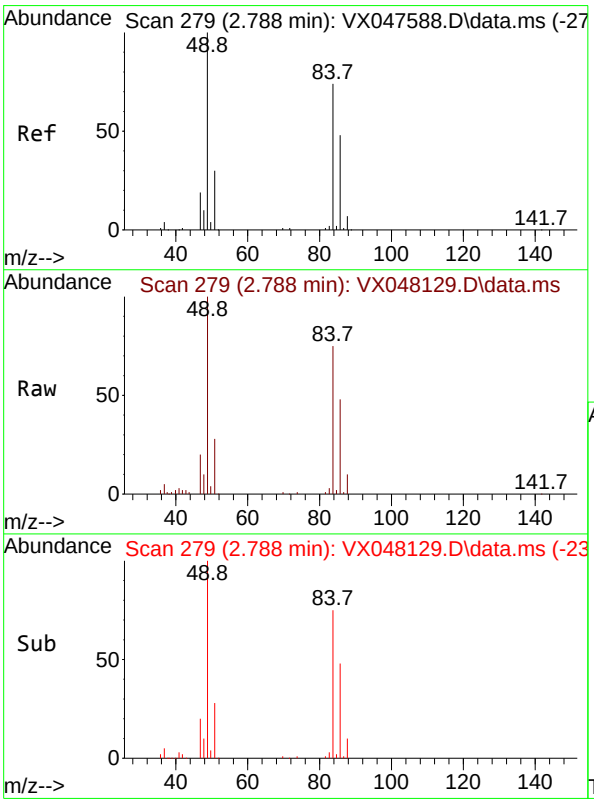
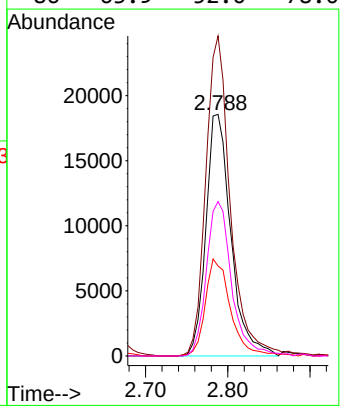
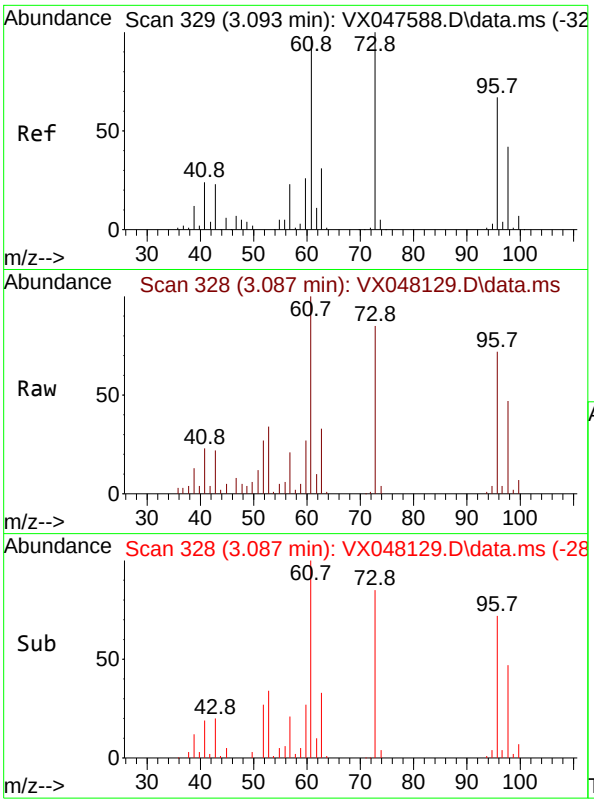


#20
Methylene Chloride
Concen: 18.021 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 84 Resp: 39166

Ion	Ratio	Lower	Upper
84	100		
49	132.5	108.6	162.8
51	37.2	32.6	48.8
86	63.9	52.0	78.0

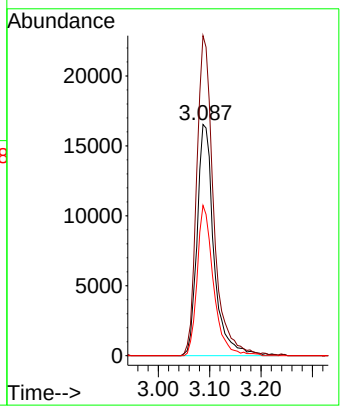




#21
trans-1,2-Dichloroethene
Concen: 19.770 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 96 Resp: 3751

Ion	Ratio	Lower	Upper
96	100		
61	131.9	116.2	174.2
98	62.0	49.3	73.9



Instrument :
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ClientSampleId :
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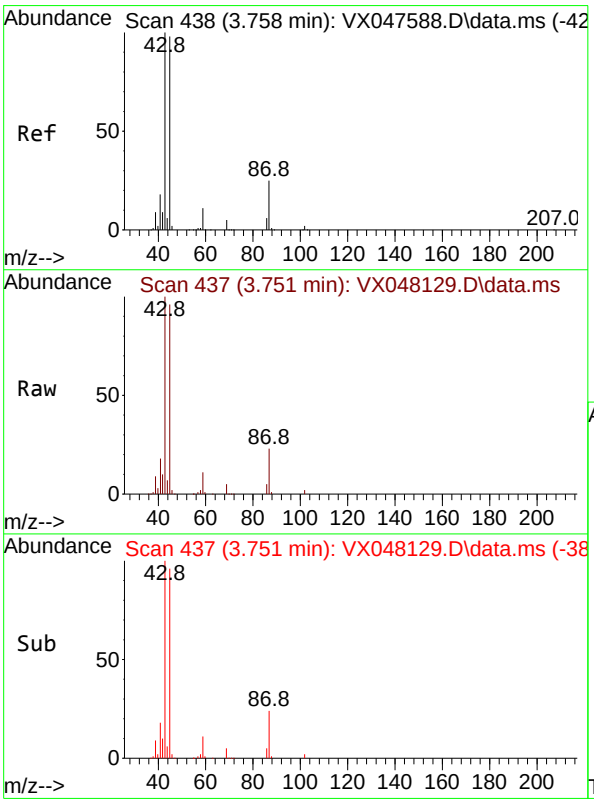
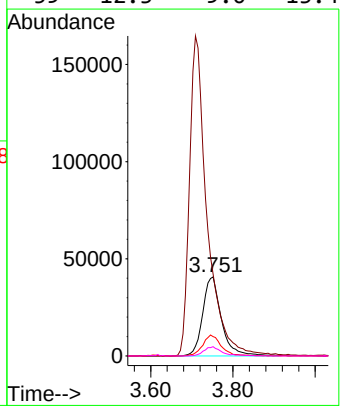
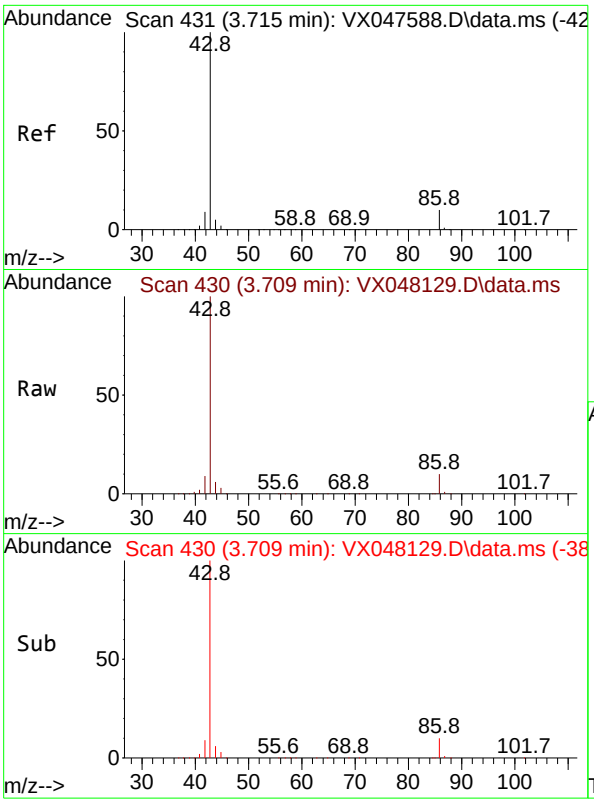


#22
Diisopropyl ether
Concen: 18.235 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 45 Resp: 128533

Ion	Ratio	Lower	Upper
45	100		
43	102.8	81.0	121.4
87	24.4	20.3	30.5
59	12.3	9.0	13.4





#23
Vinyl Acetate
Concen: 87.267 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 49231

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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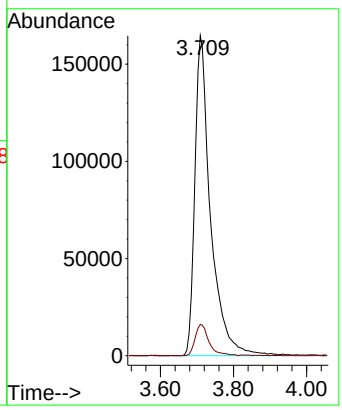
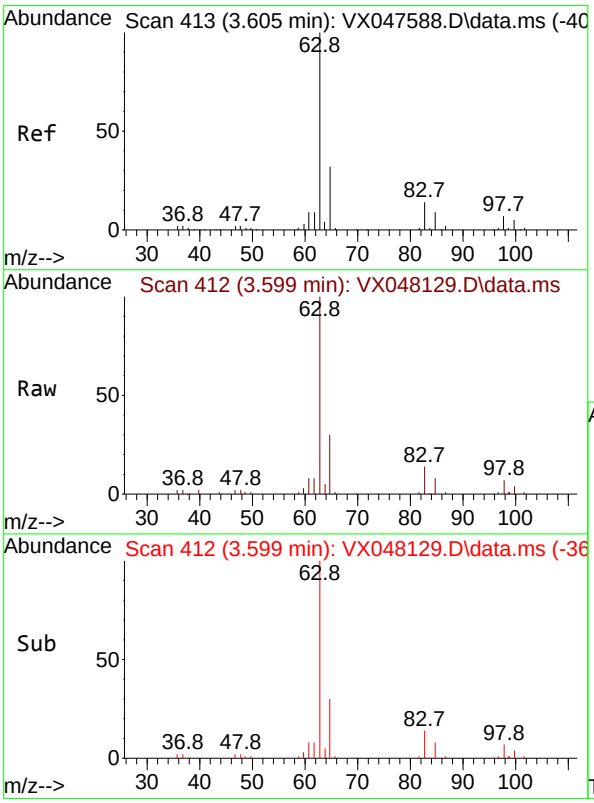
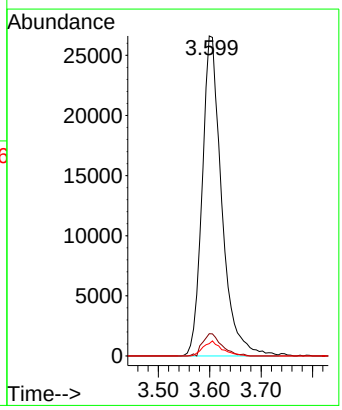


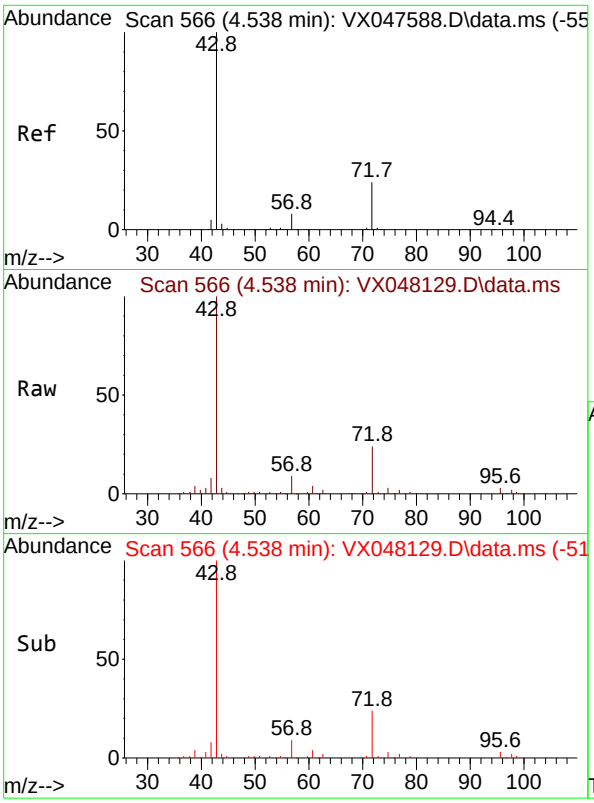


#24
1,1-Dichloroethane
Concen: 18.748 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 63 Resp: 70241

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	3.9	2.3	6.9

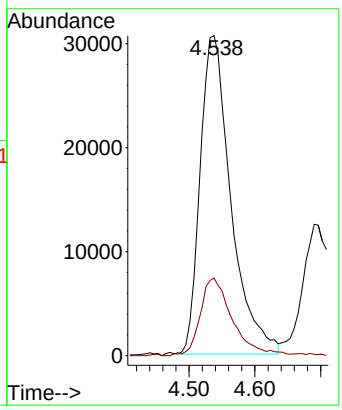




#25
2-Butanone
Concen: 77.945 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 9982

Ion	Ratio	Lower	Upper
43	100		
72	23.4	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
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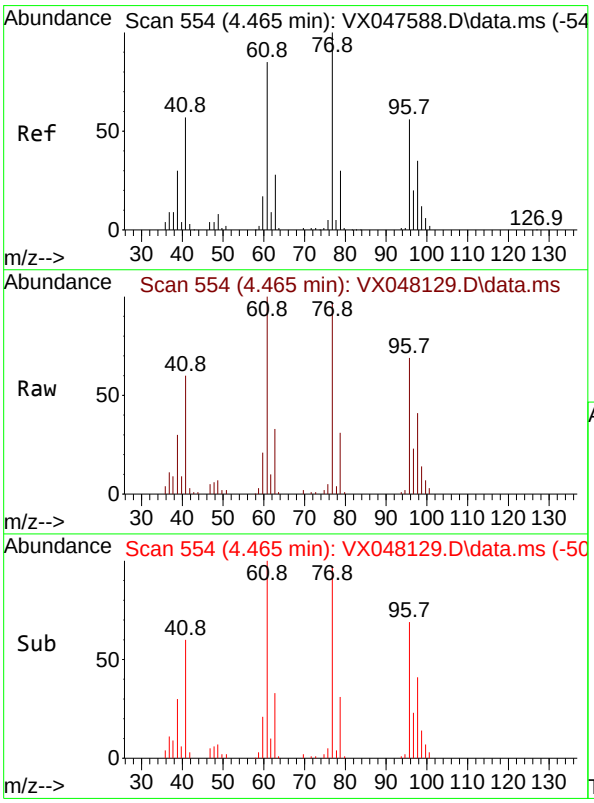
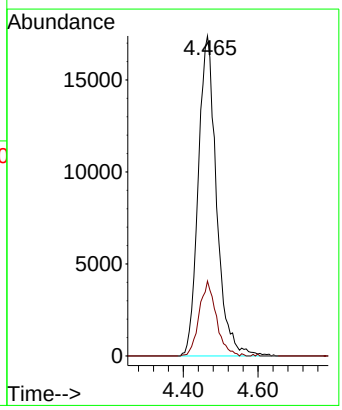
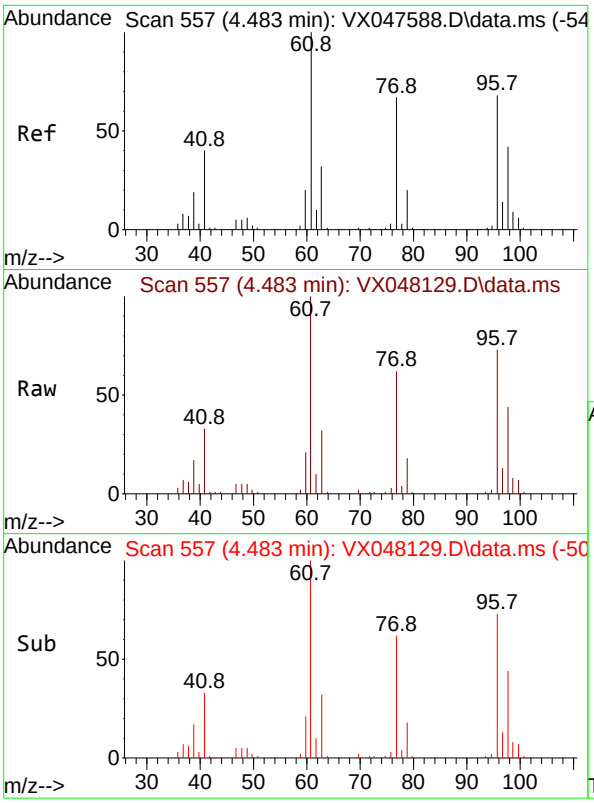


#26
2,2-Dichloropropane
Concen: 18.904 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 77 Resp: 58874

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7

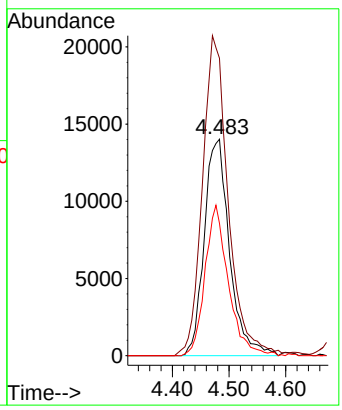




#27
cis-1,2-Dichloroethene
Concen: 18.705 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 96 Resp: 4346

Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	303.2
98	64.2	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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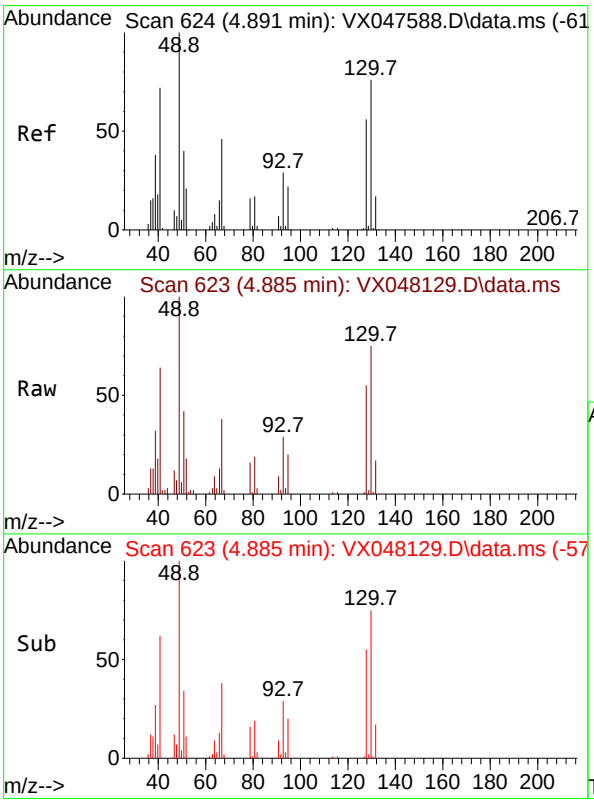
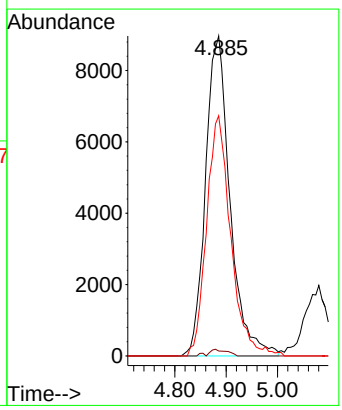
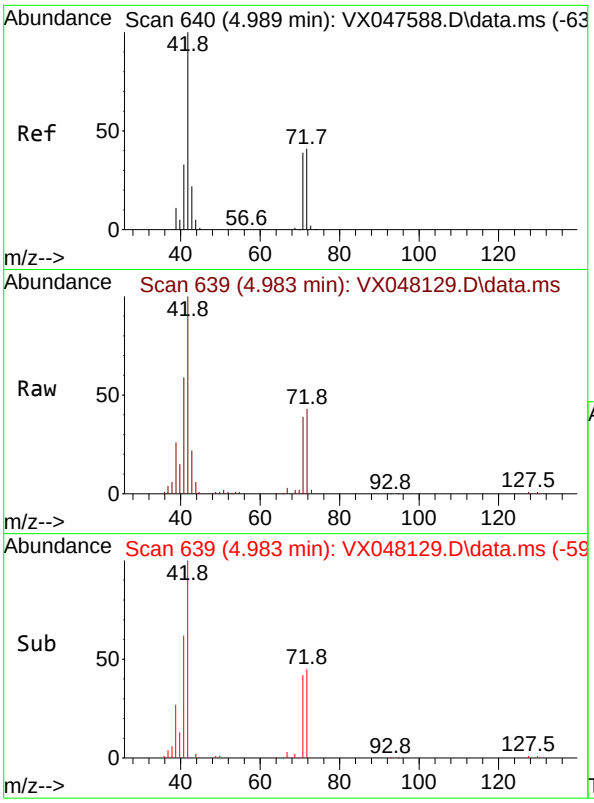


#28
Bromochloromethane
Concen: 18.143 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 49 Resp: 29675

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.2
130	73.9	57.8	86.8

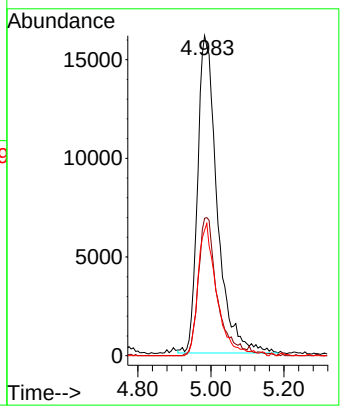




#29
Tetrahydrofuran
Concen: 77.654 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 42 Resp: 5982

Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.2	51.2
71	39.3	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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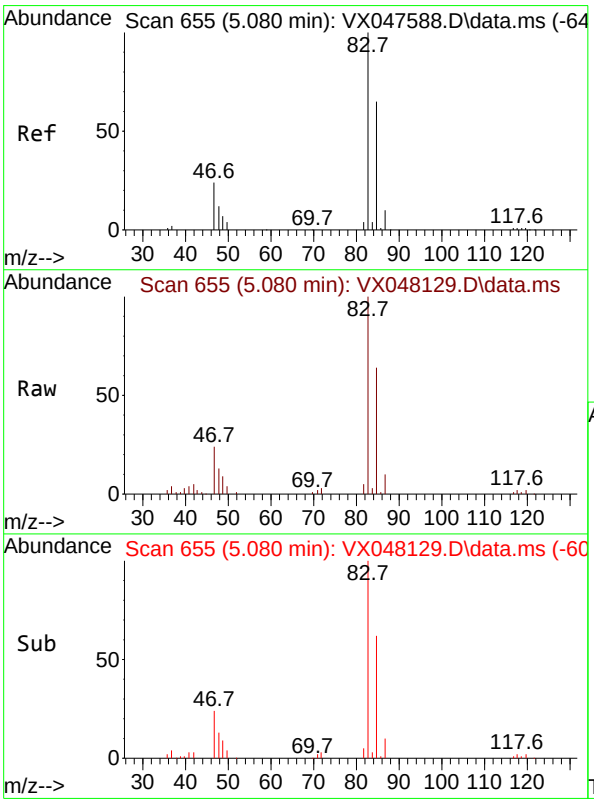
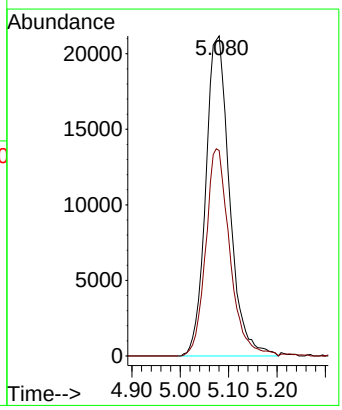
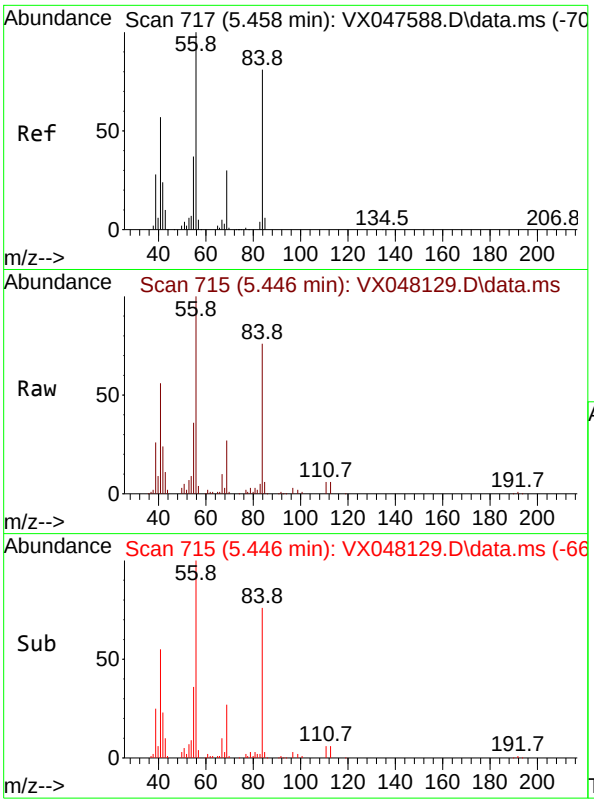


#30
Chloroform
Concen: 19.131 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 83 Resp: 72428

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6

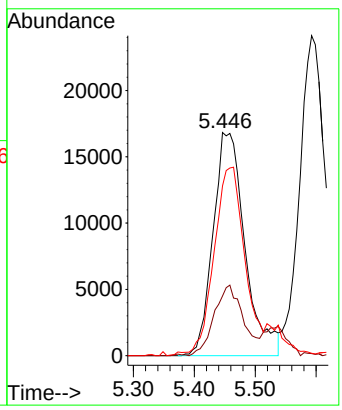




#31
Cyclohexane
Concen: 19.614 ug/l
RT: 5.446 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 56 Resp: 6120

Ion	Ratio	Lower	Upper
56	100		
69	26.0	23.8	35.8
84	74.4	64.6	97.0



Instrument :
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ClientSampleId :
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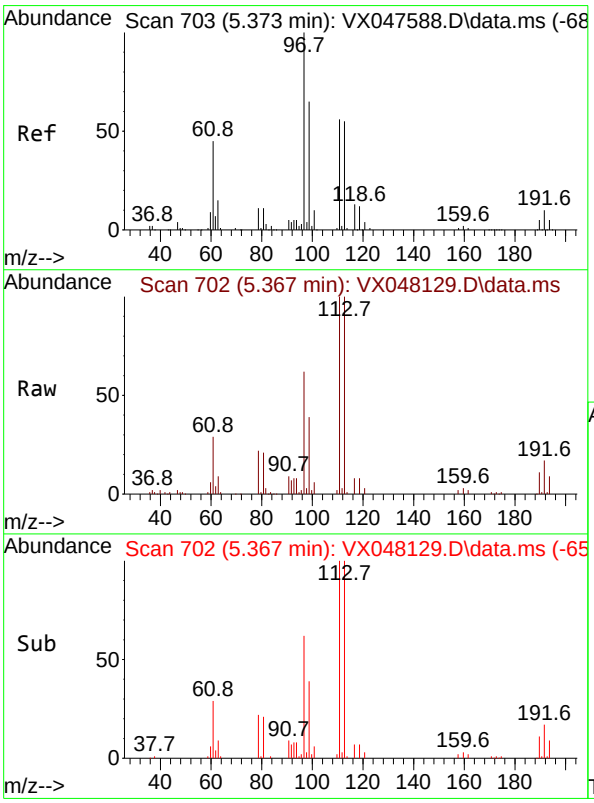
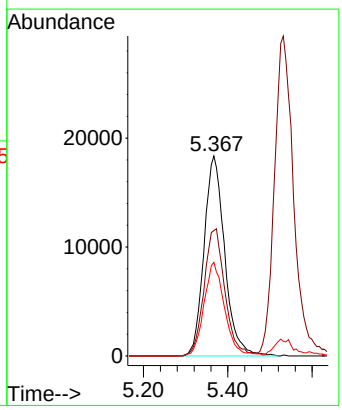
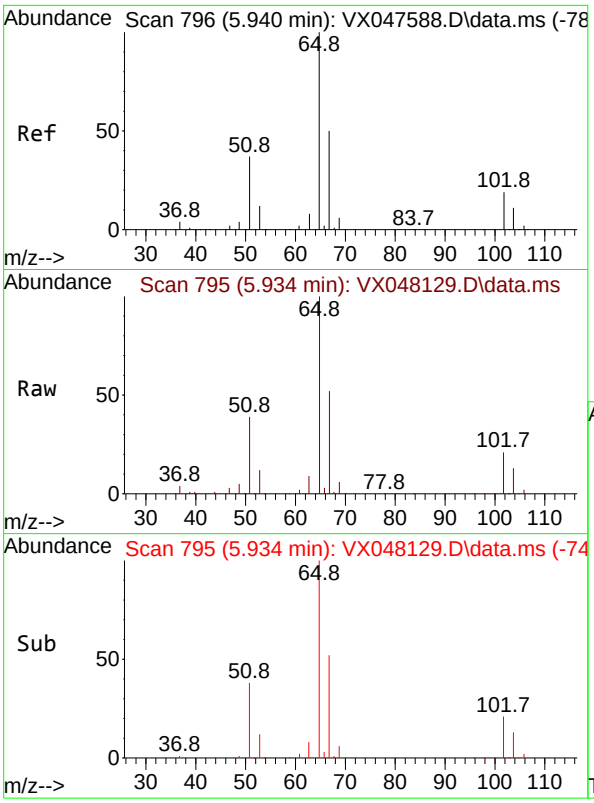


#32
1,1,1-Trichloroethane
Concen: 19.493 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 97 Resp: 62598

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	76.0
61	46.4	35.8	53.8

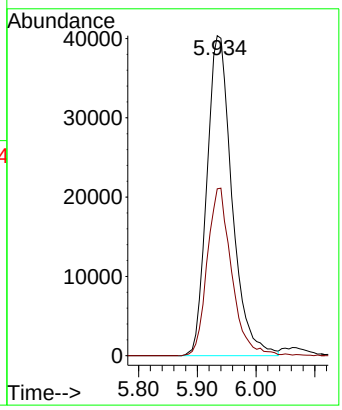




#33
1,2-Dichloroethane-d4
Concen: 50.551 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 65 Resp: 11936

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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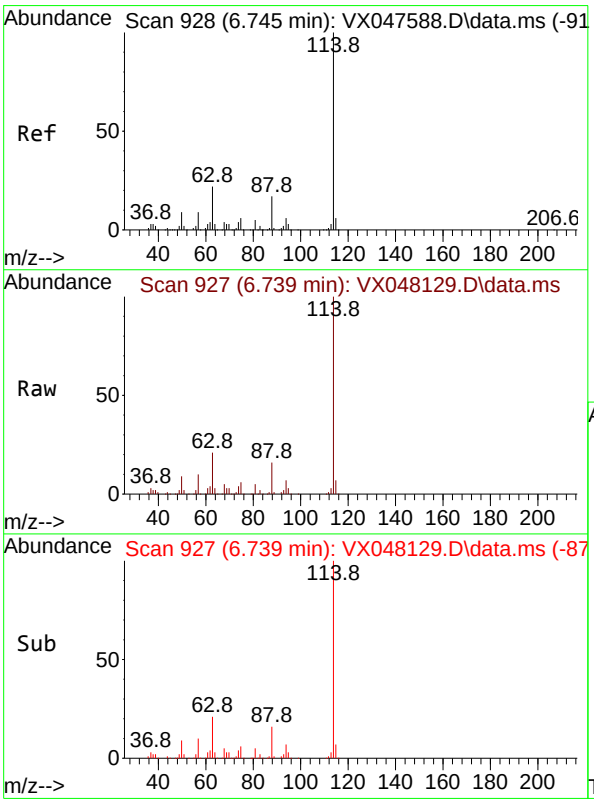
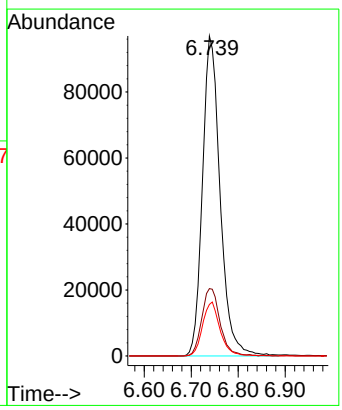
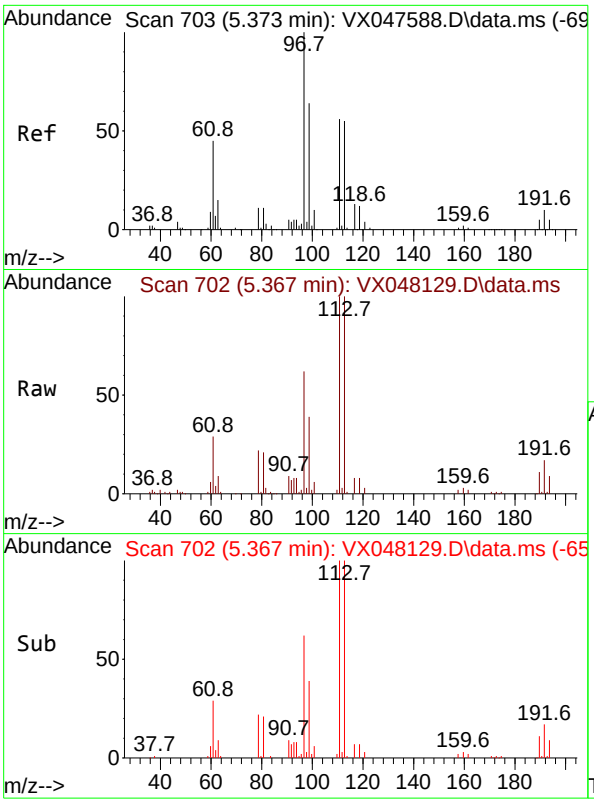


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:114 Resp: 252959

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.1	0.0	34.2

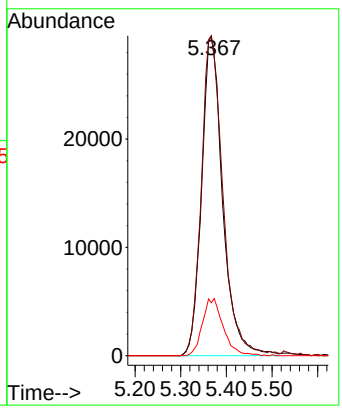




#35
Dibromofluoromethane
Concen: 55.581 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:113 Resp: 9429

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.9	121.3
192	17.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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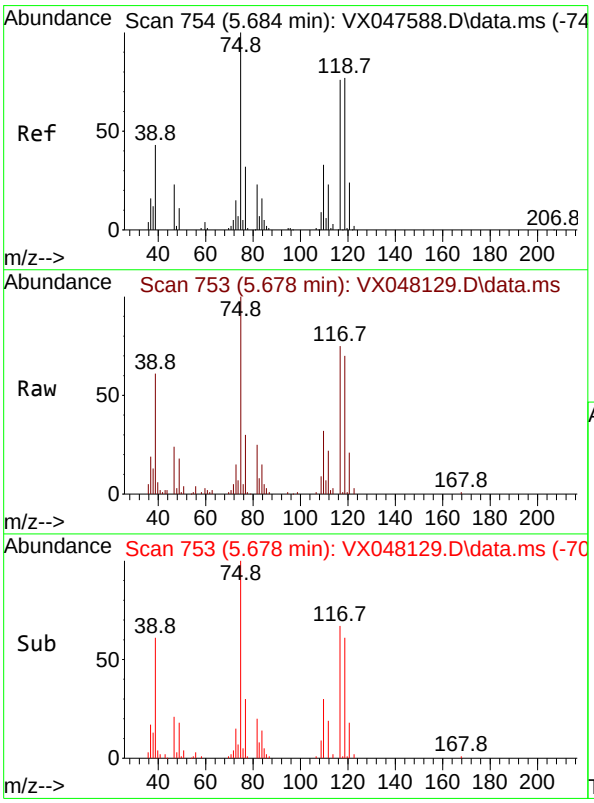
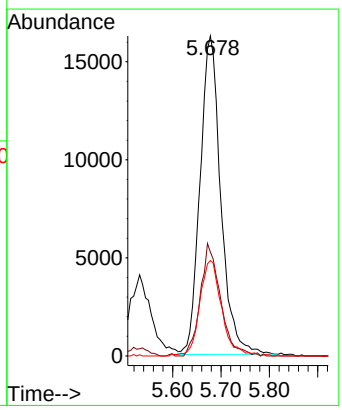
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

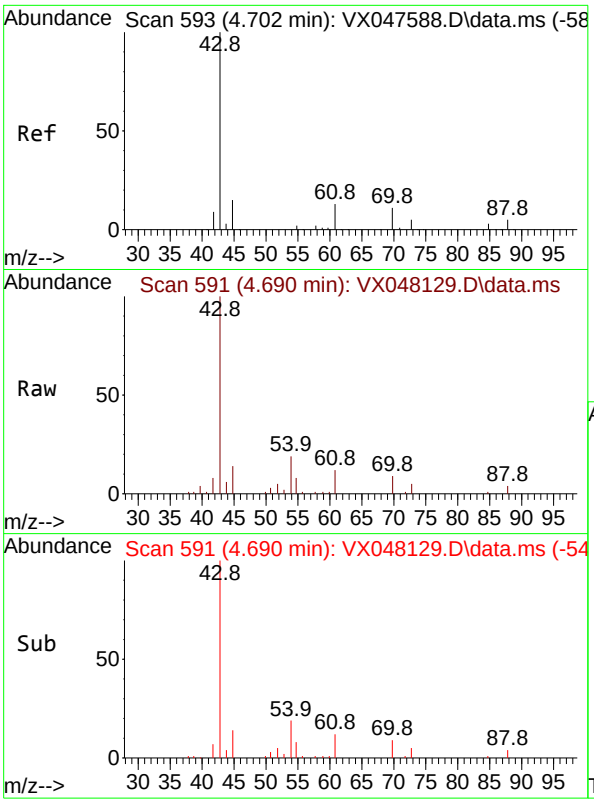


#36
1,1-Dichloropropene
Concen: 19.525 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 75 Resp: 48401

Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.1
77	31.5	24.3	36.5

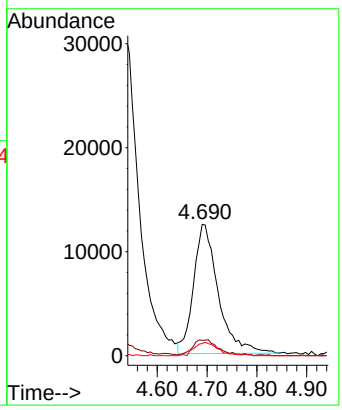




#37
Ethyl Acetate
Concen: 16.150 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 4286

Ion	Ratio	Lower	Upper
43	100		
61	11.2	9.8	14.8
70	9.6	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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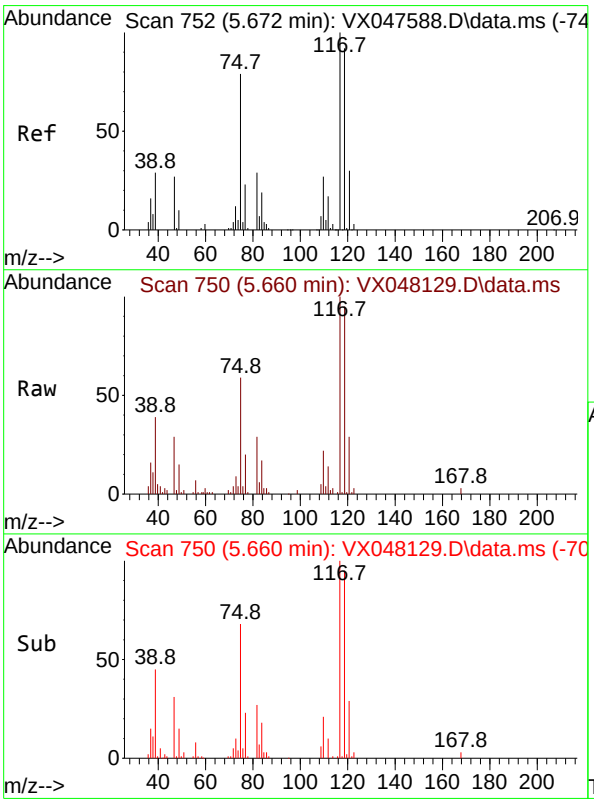
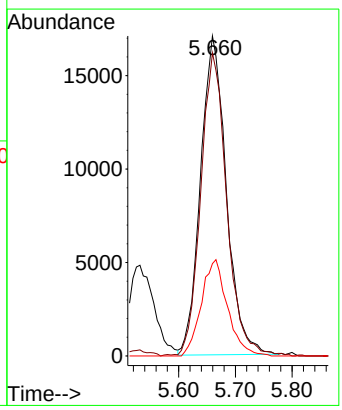
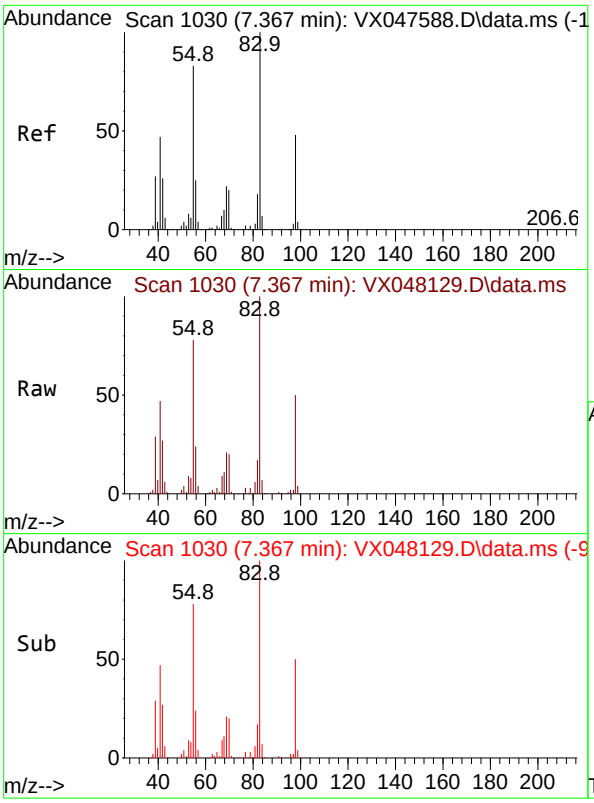


#38
Carbon Tetrachloride
Concen: 19.991 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:117 Resp: 53844

Ion	Ratio	Lower	Upper
117	100		
119	94.9	73.4	110.2
121	29.0	23.8	35.6

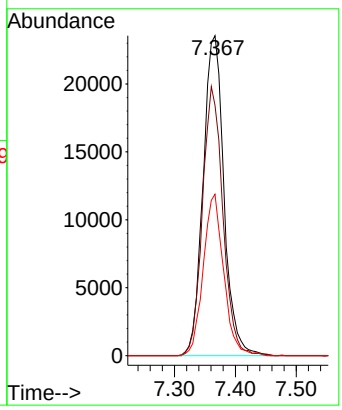




#39
Methylcyclohexane
Concen: 19.946 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 83 Resp: 5612

Ion	Ratio	Lower	Upper
83	100		
55	78.2	66.4	99.6
98	50.5	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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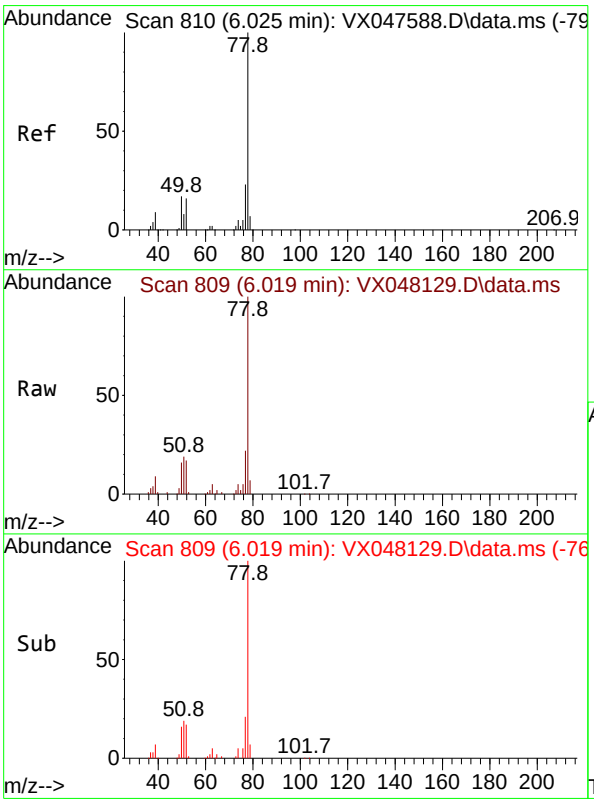
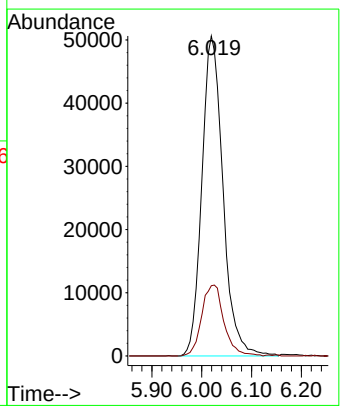
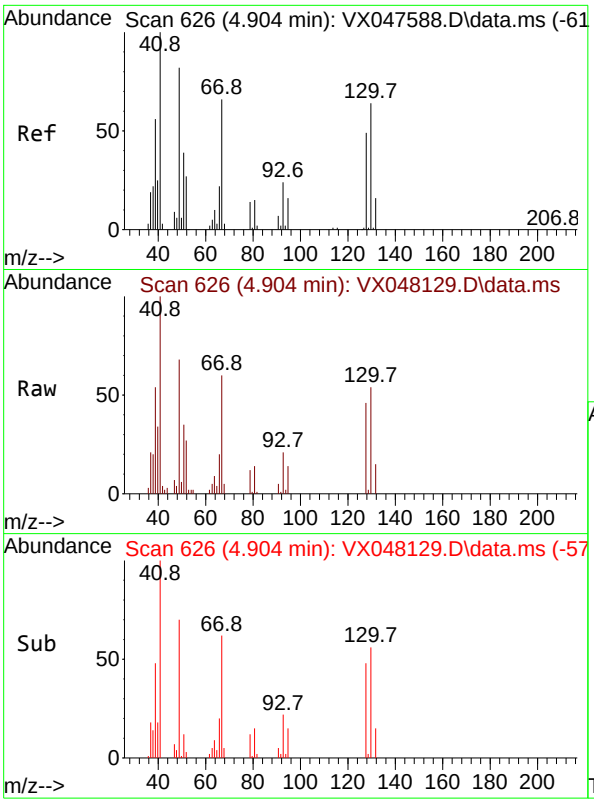


#40
Benzene
Concen: 19.804 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 78 Resp: 149106

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.8	28.2

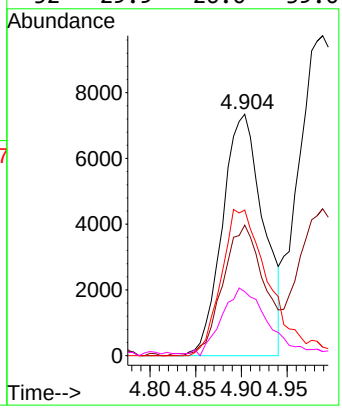




#41
Methacrylonitrile
Concen: 16.733 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 41 Resp: 2292

Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.3	64.9
67	71.0	58.6	87.8
52	29.9	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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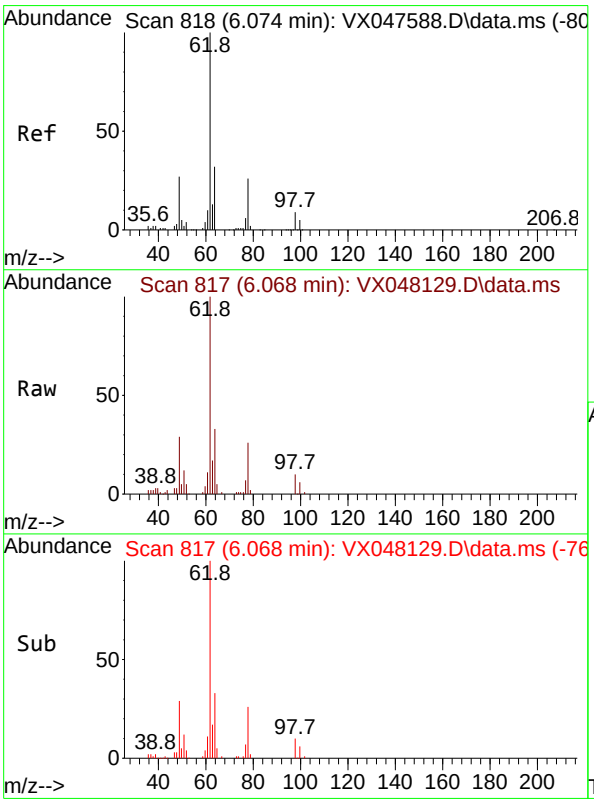
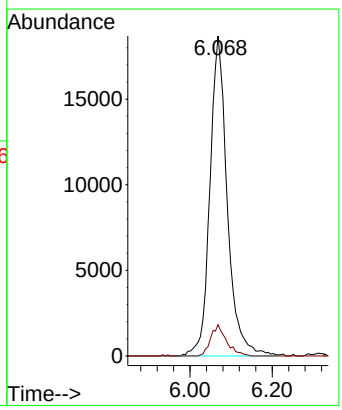
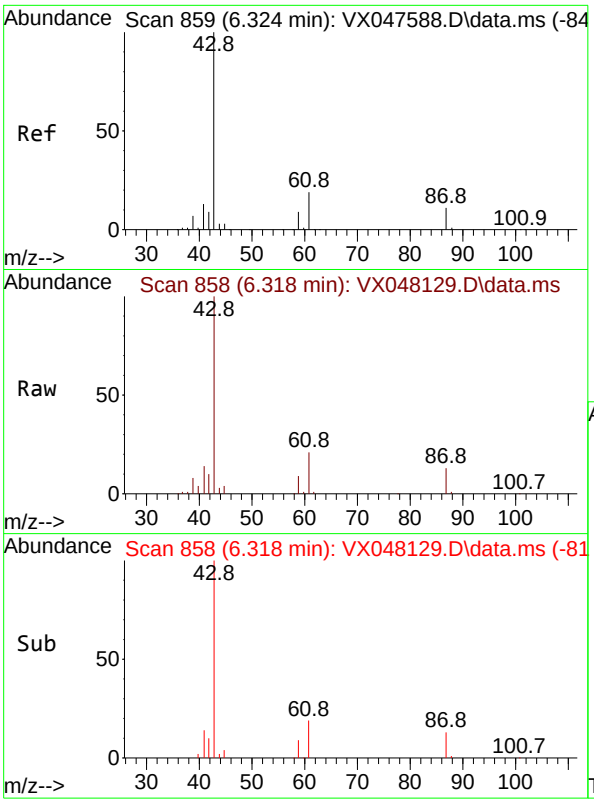


#42
1,2-Dichloroethane
Concen: 19.138 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 62 Resp: 54826

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0

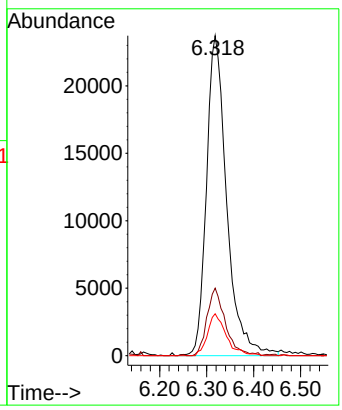




#43
Isopropyl Acetate
Concen: 16.252 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 7074

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	12.2	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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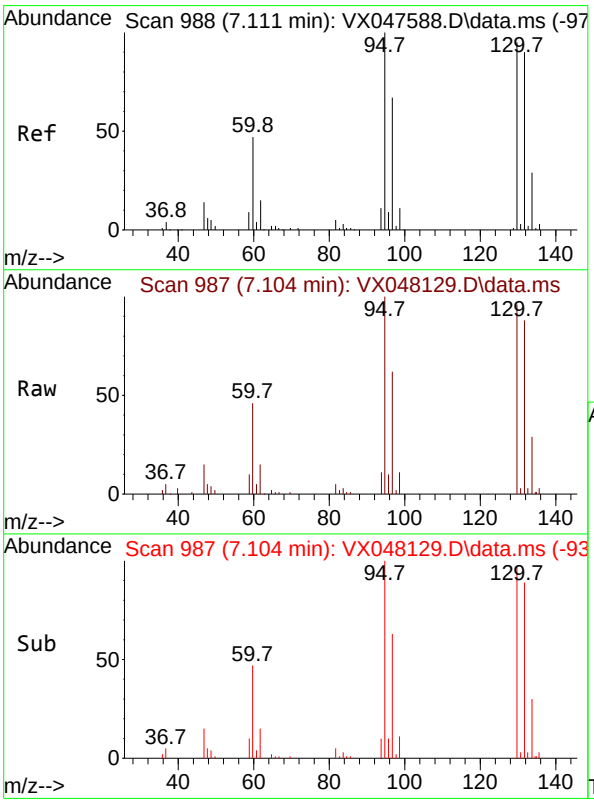
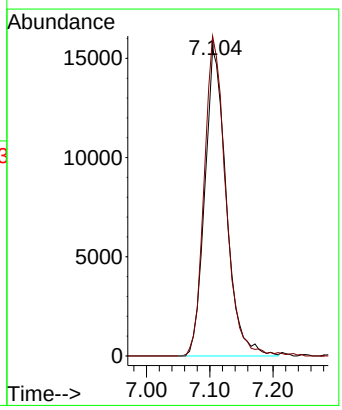
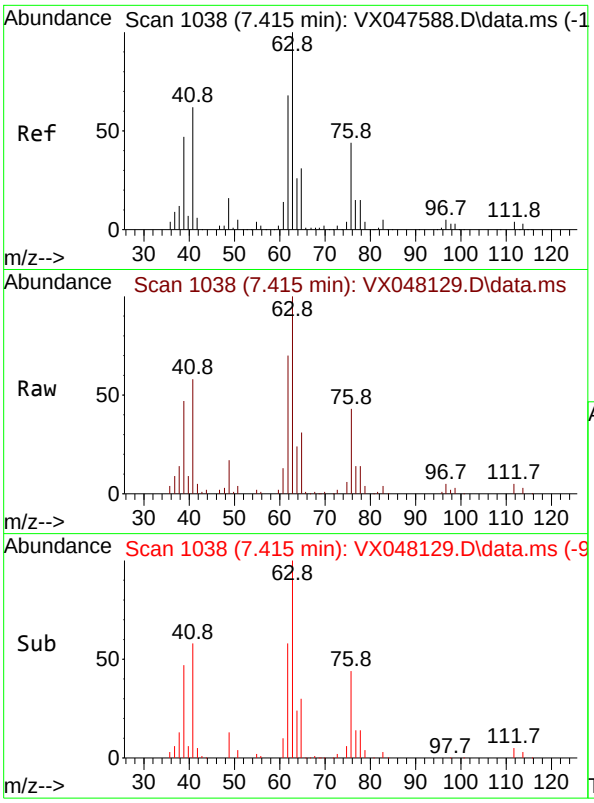


#44
Trichloroethene
Concen: 20.156 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:130 Resp: 36689

Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	210.8

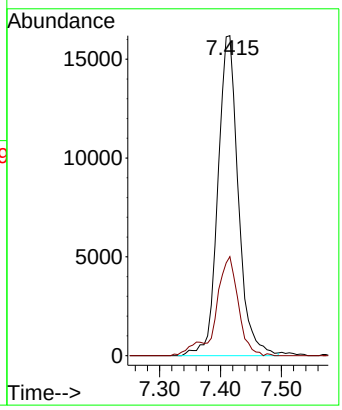




#45
1,2-Dichloropropane
Concen: 19.521 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 63 Resp: 3763

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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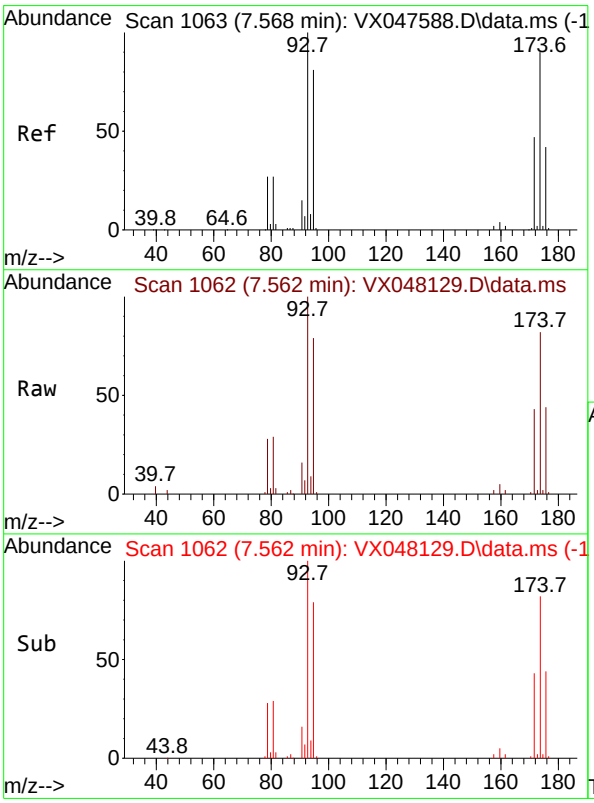
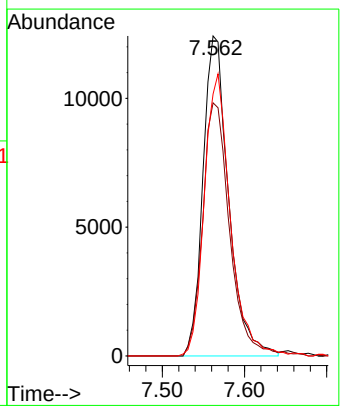
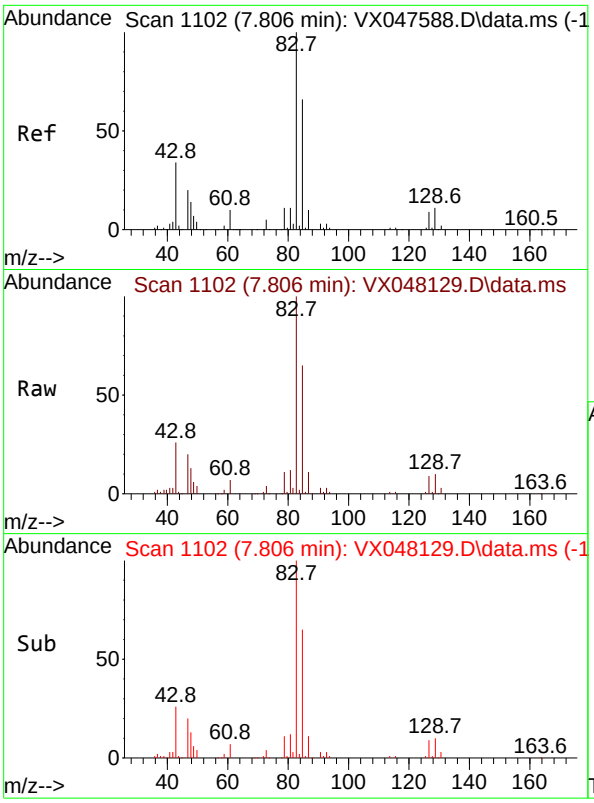


#46
Dibromomethane
Concen: 19.199 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 93 Resp: 26936

Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.0	97.6
174	89.4	71.6	107.4

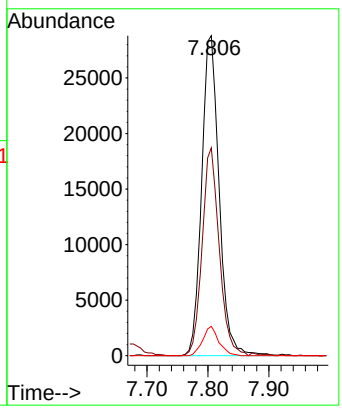




#47
Bromodichloromethane
Concen: 19.842 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 83 Resp: 5744

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7
127	9.1	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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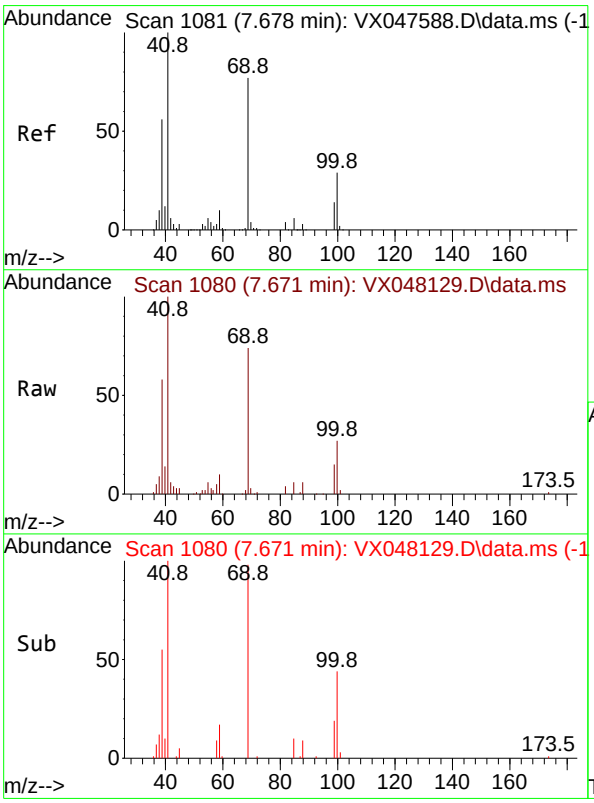
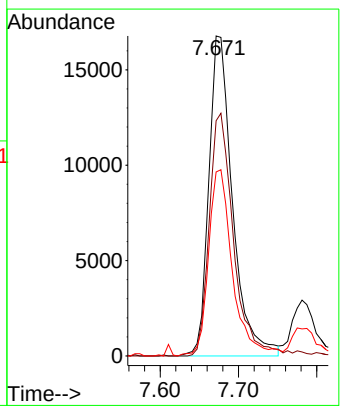
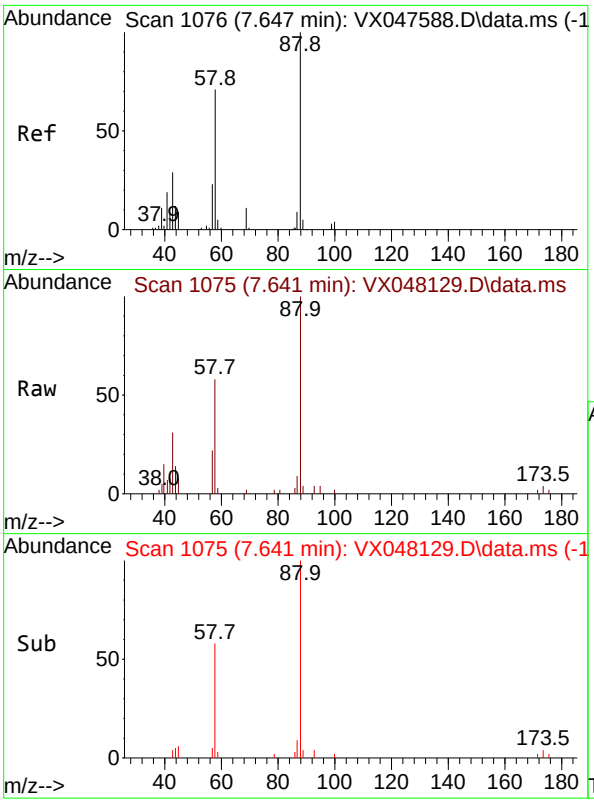


#48
Methyl methacrylate
Concen: 16.298 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 41 Resp: 35340

Ion	Ratio	Lower	Upper
41	100		
69	77.4	61.4	92.2
39	58.9	45.8	68.6

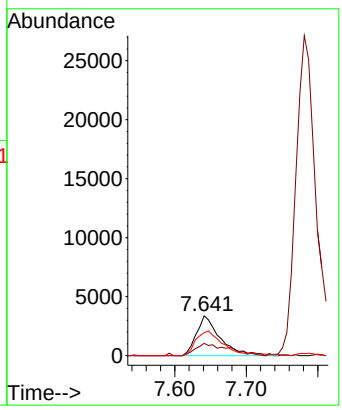




#49
1,4-Dioxane
Concen: 354.348 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 88 Resp: 776

Ion	Ratio	Lower	Upper
88	100		
43	42.6	30.2	45.2
58	68.0	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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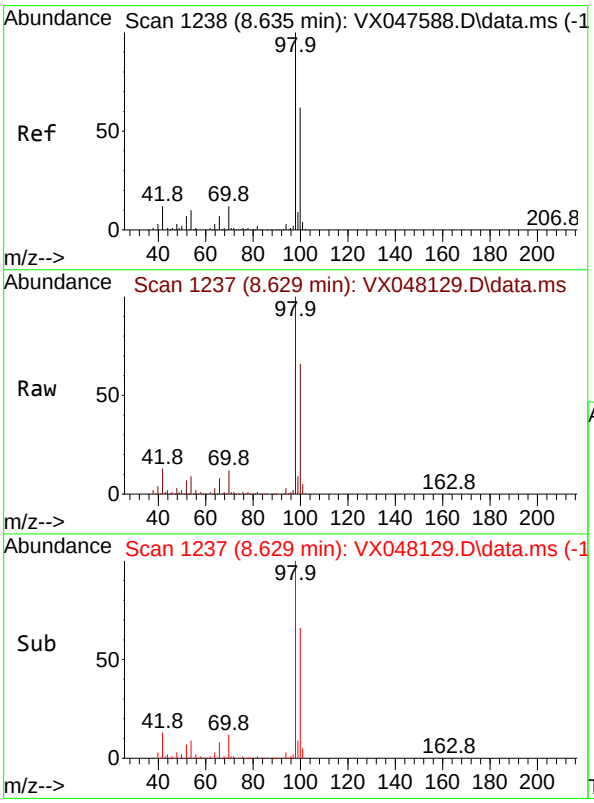
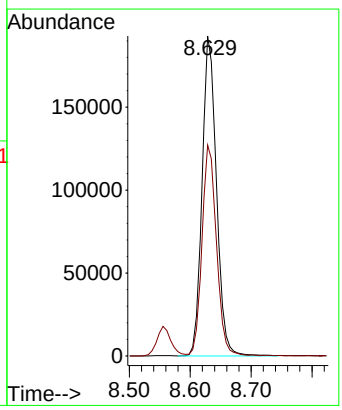
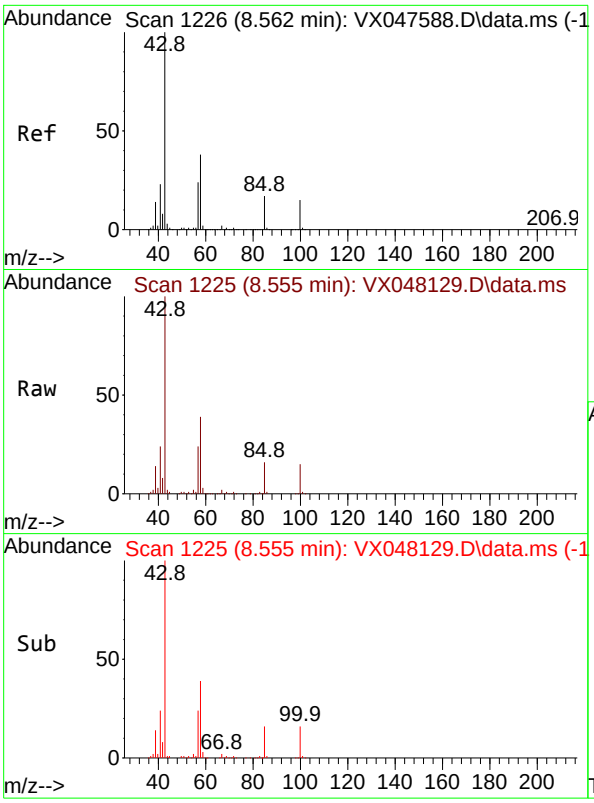


#50
Toluene-d8
Concen: 53.852 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 98 Resp: 316122

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

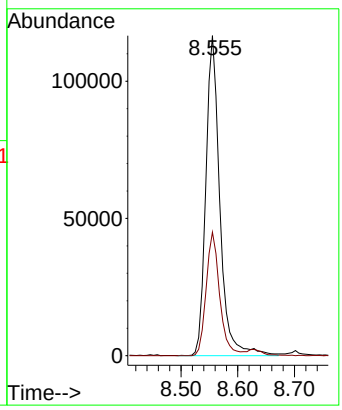




#51
4-Methyl-2-Pentanone
Concen: 83.089 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 20054

Ion	Ratio	Lower	Upper
43	100		
58	37.1	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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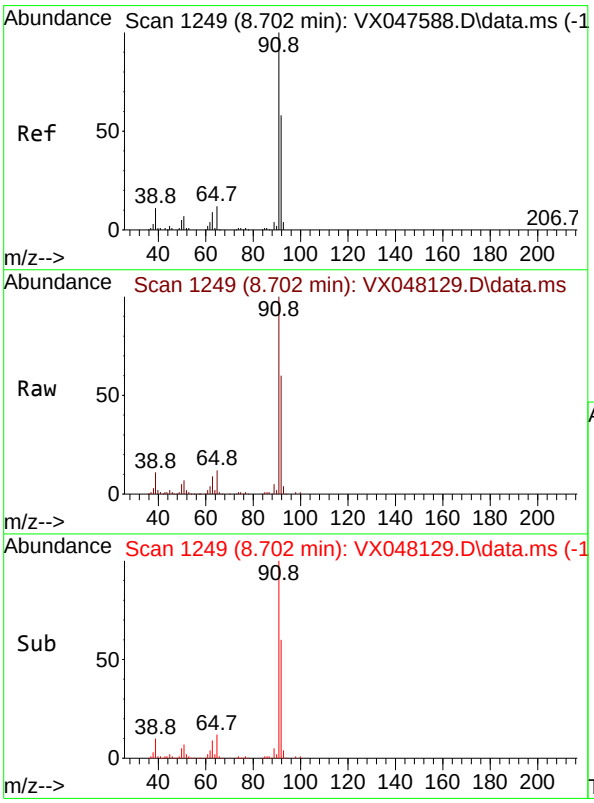
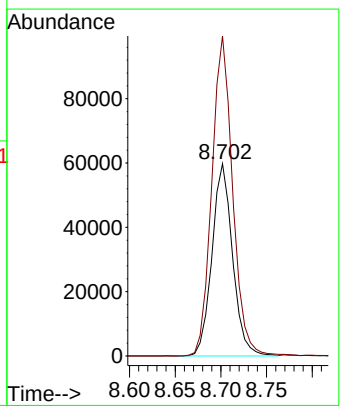
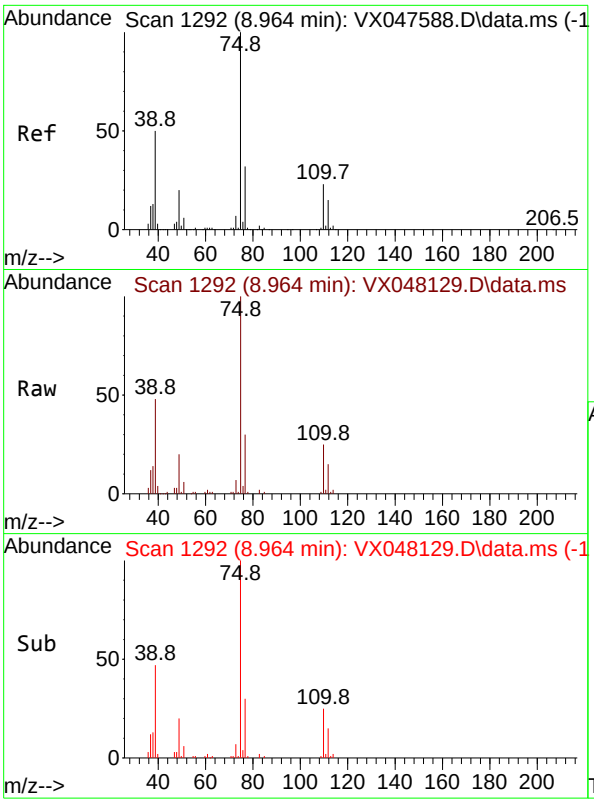


#52
Toluene
Concen: 20.193 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 92 Resp: 93668

Ion	Ratio	Lower	Upper
92	100		
91	168.4	137.1	205.7

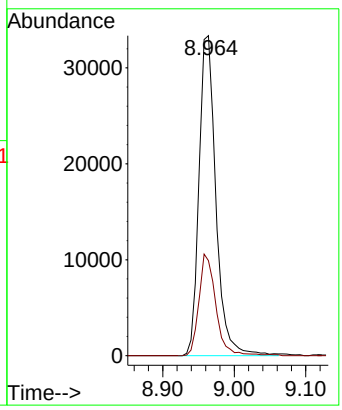




#53
t-1,3-Dichloropropene
Concen: 18.602 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 75 Resp: 5493

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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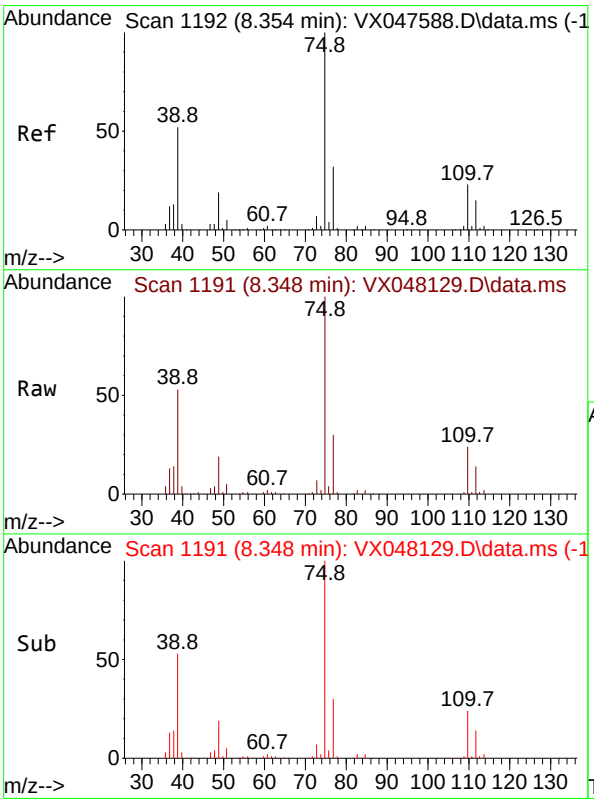
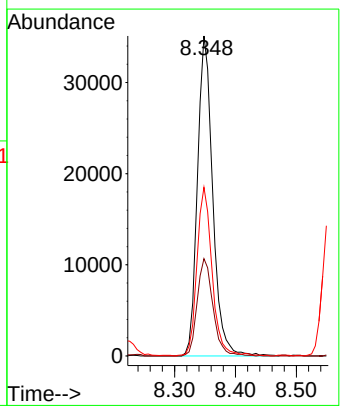
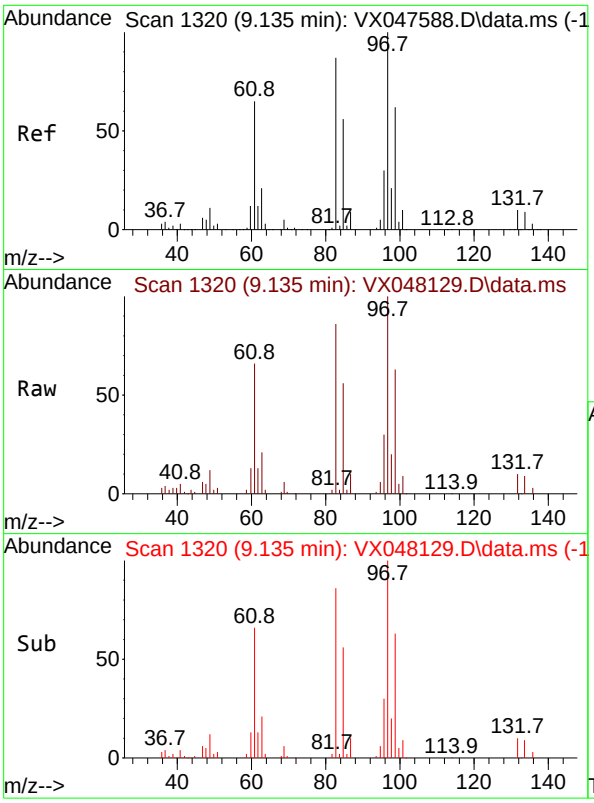


#54
cis-1,3-Dichloropropene
Concen: 19.371 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 75 Resp: 61143

Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.8	38.6
39	52.5	41.4	62.2

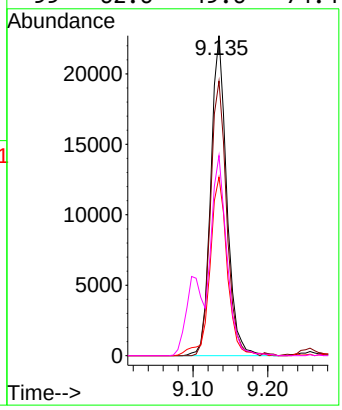




#55
1,1,2-Trichloroethane
Concen: 18.940 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 97 Resp: 3387

Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.6	104.4
85	55.8	45.0	67.6
99	62.6	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
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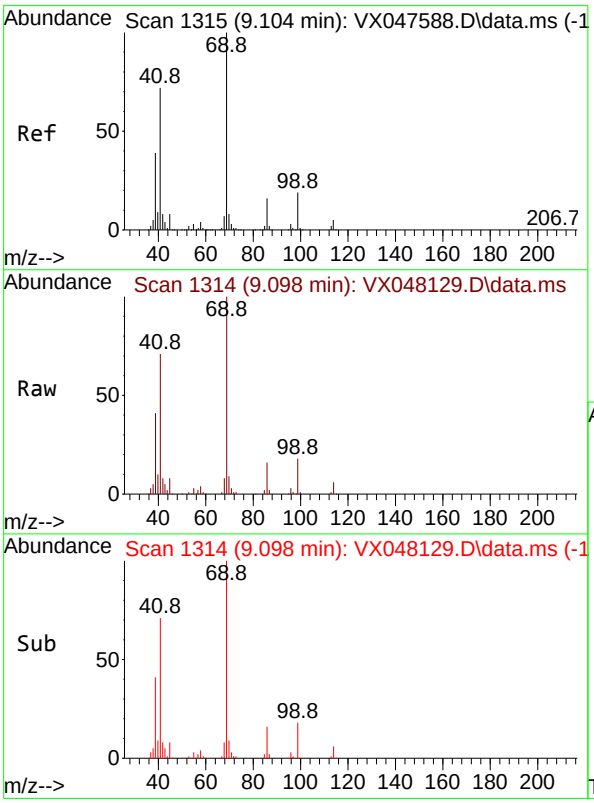
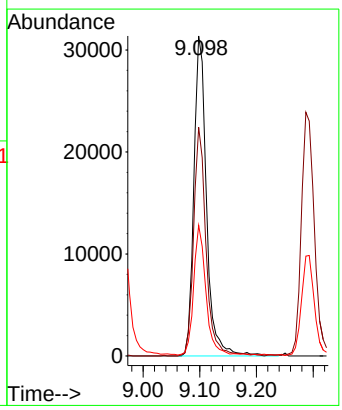
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

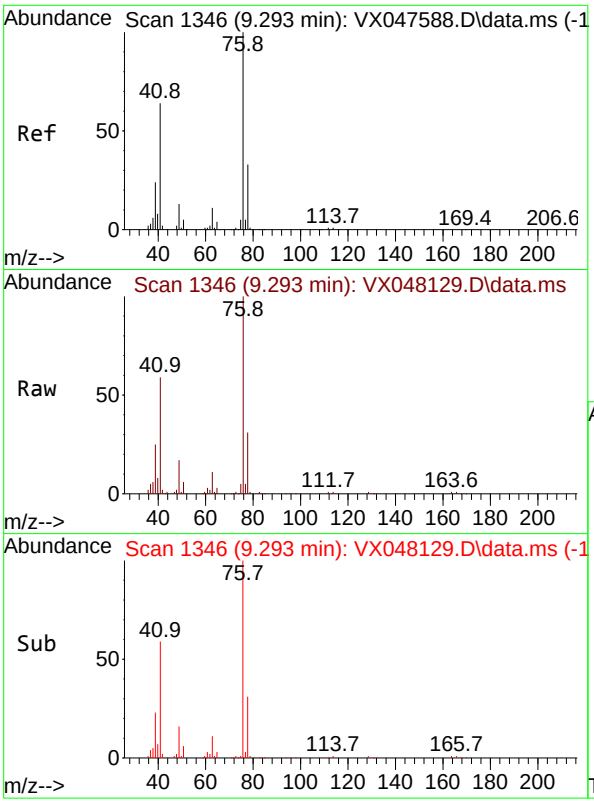


#56
Ethyl methacrylate
Concen: 17.284 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 69 Resp: 48553

Ion	Ratio	Lower	Upper
69	100		
41	70.6	58.6	87.8
39	39.5	31.5	47.3





#57
1,3-Dichloropropane
Concen: 19.491 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 76 Resp: 5989

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
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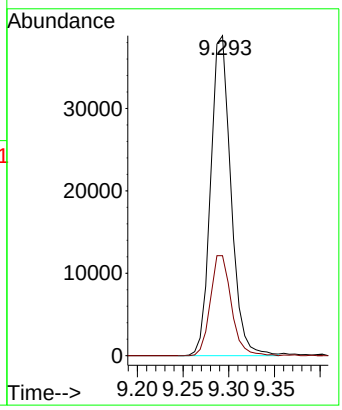
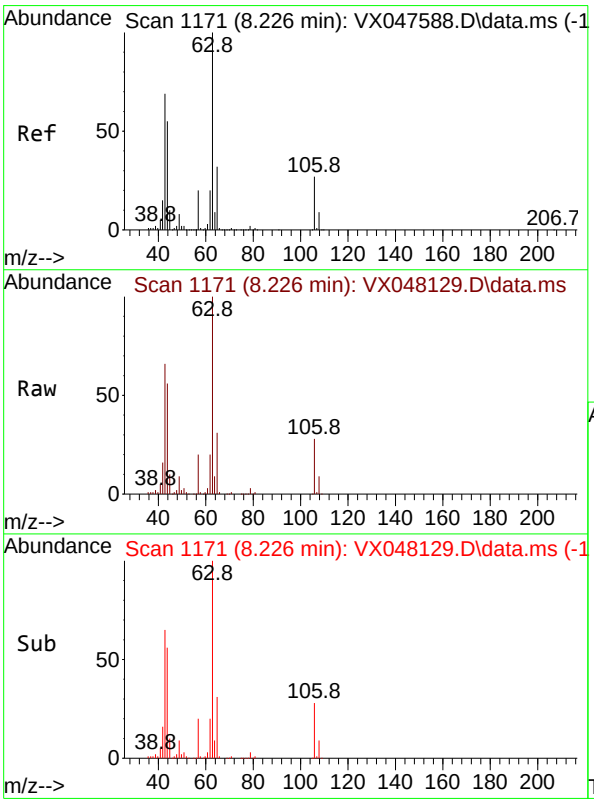
Supervised By :Mahesh Dadoda 10/14/2025

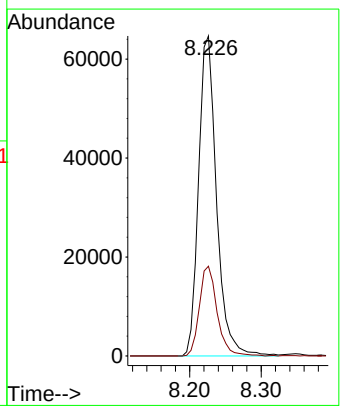


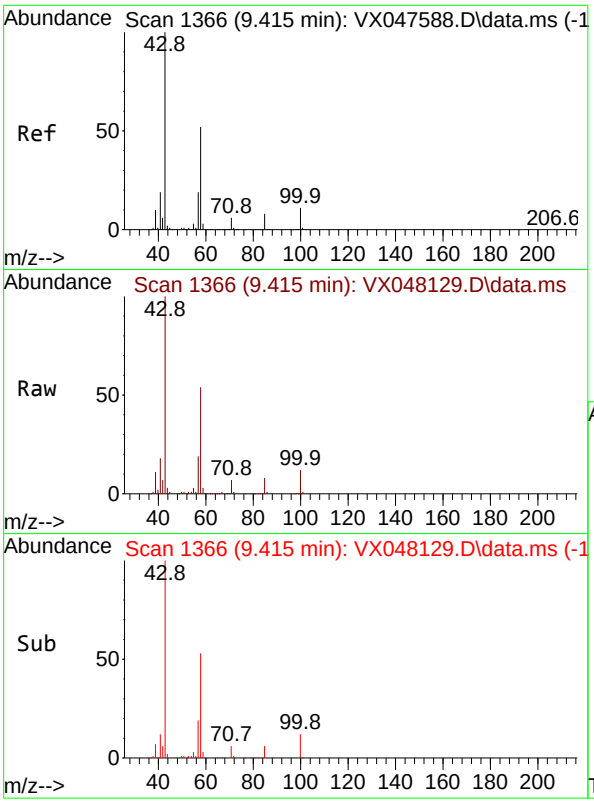


#58
2-Chloroethyl Vinyl ether
Concen: 91.363 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 63 Resp: 112855

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9





#59
2-Hexanone
Concen: 81.242 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 14082

Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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Reviewed By :John Carlone 10/14/2025
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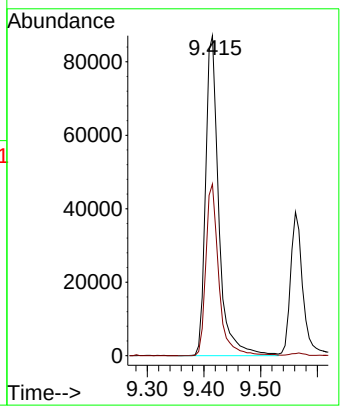
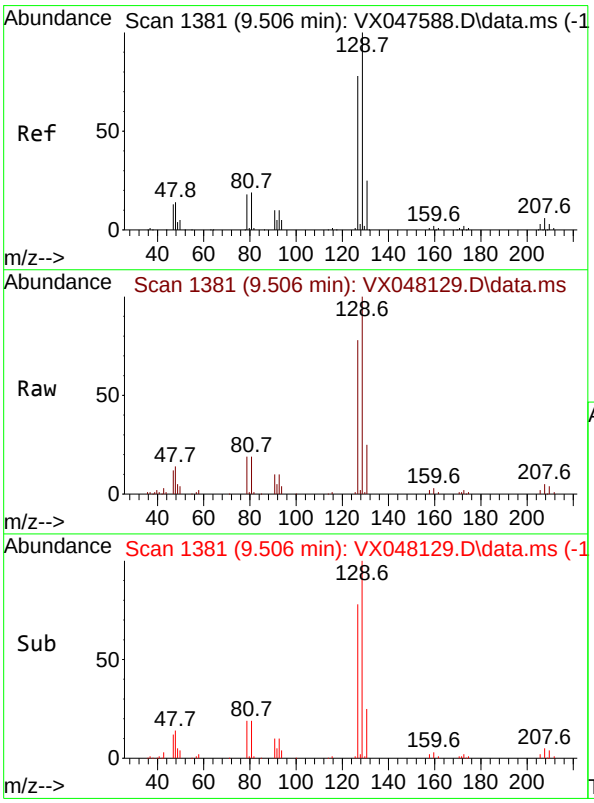
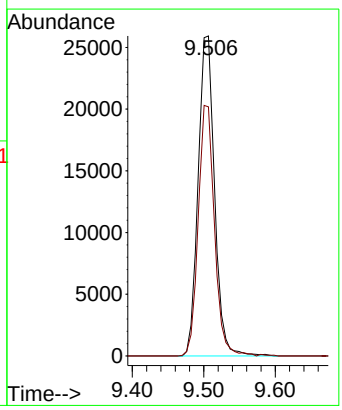


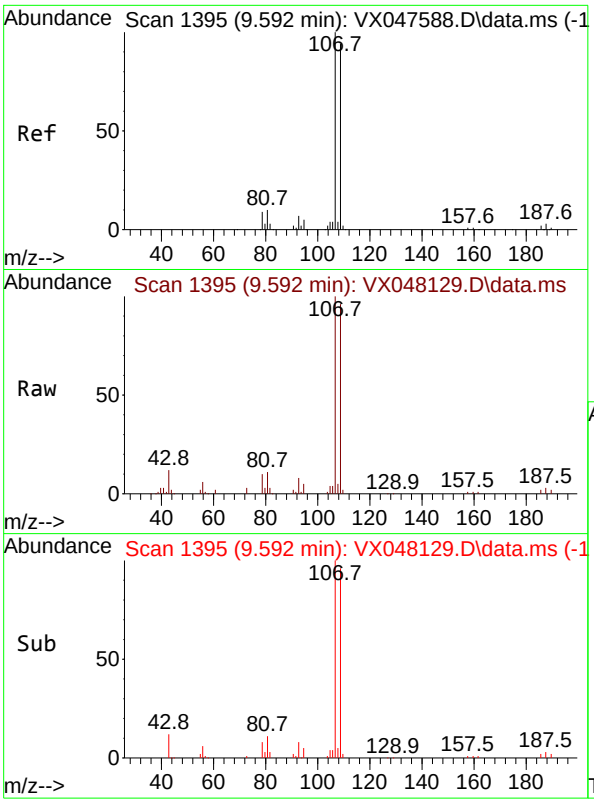


#60
Dibromochloromethane
Concen: 20.123 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:129 Resp: 41473

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.4	115.2

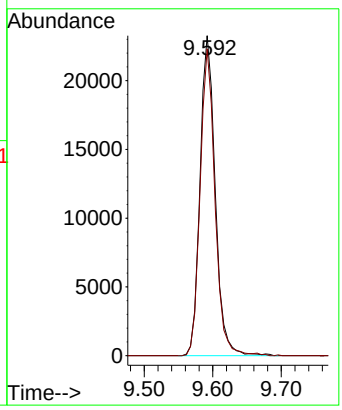




#61
1,2-Dibromoethane
Concen: 19.726 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:107 Resp: 3593

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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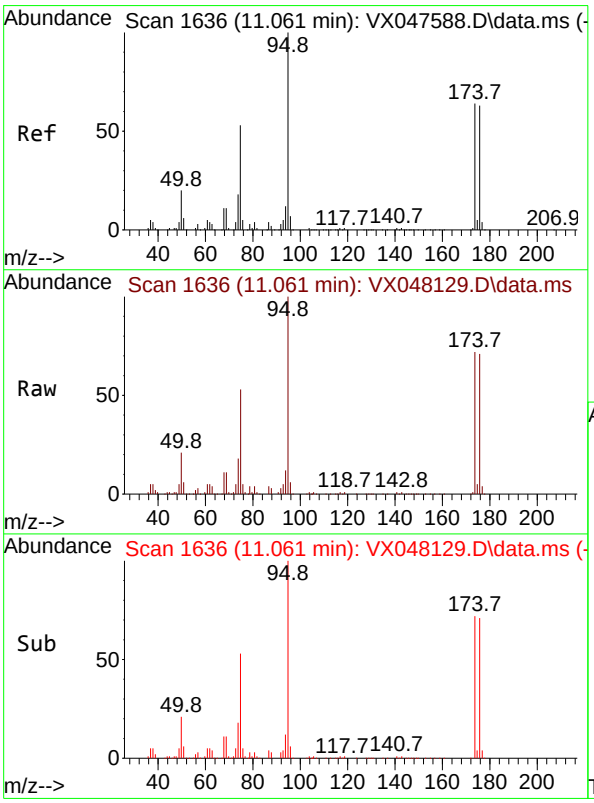
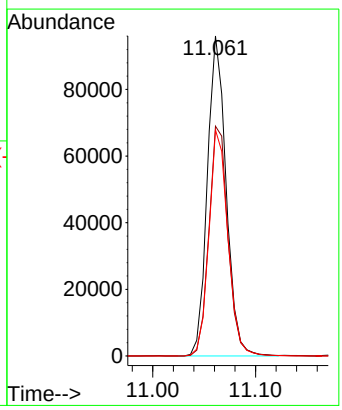
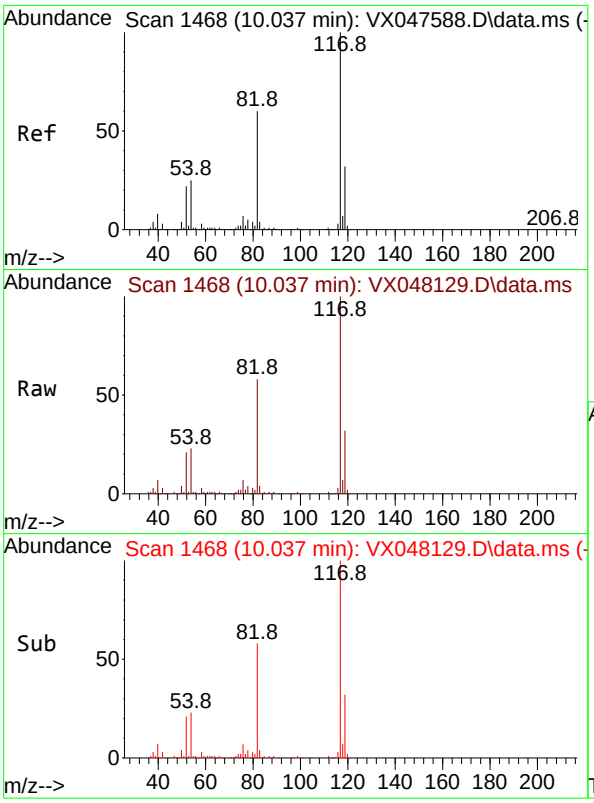


#62
4-Bromofluorobenzene
Concen: 54.774 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 95 Resp: 122028

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	141.6
176	71.4	0.0	138.4

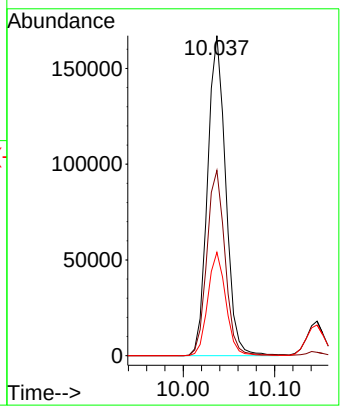




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:117 Resp: 22988

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.6
119	32.3	25.2	37.8



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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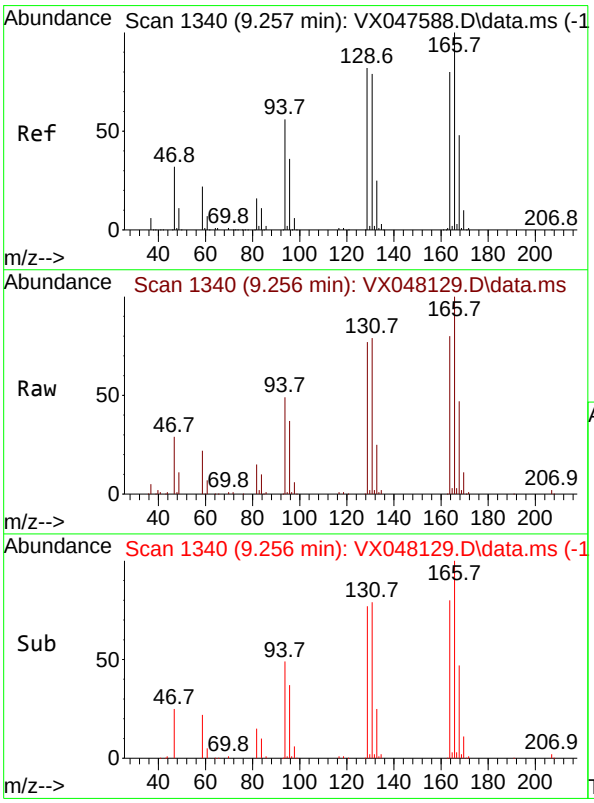
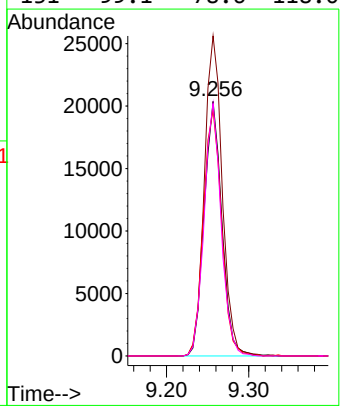
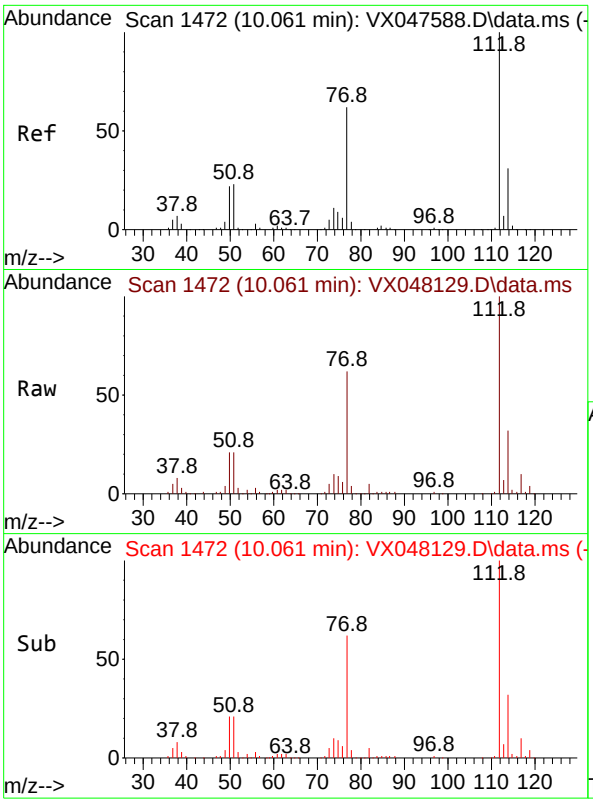


#64
Tetrachloroethene
Concen: 20.436 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:164 Resp: 30626

Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.2	150.2
129	96.5	81.8	122.6
131	99.1	78.6	118.0

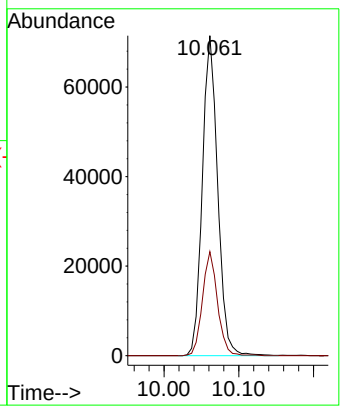




#65
Chlorobenzene
Concen: 19.501 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:112 Resp: 10184

Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
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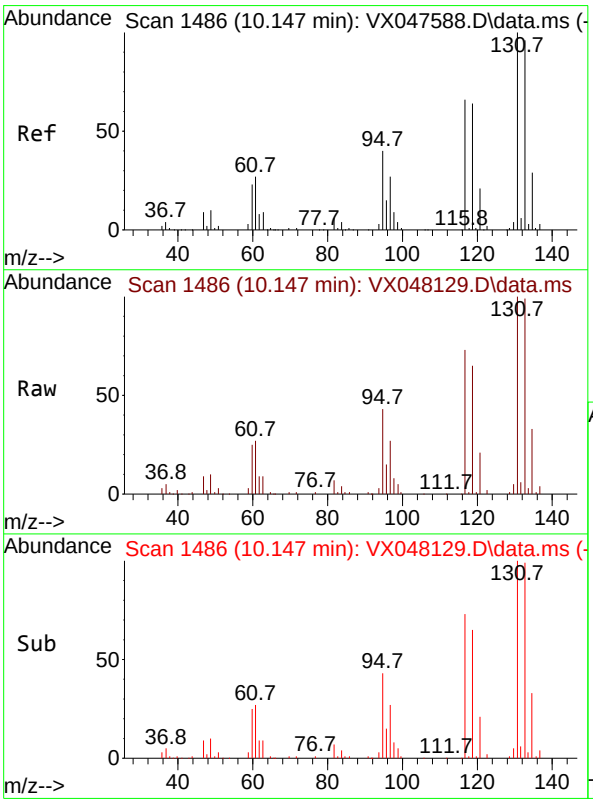
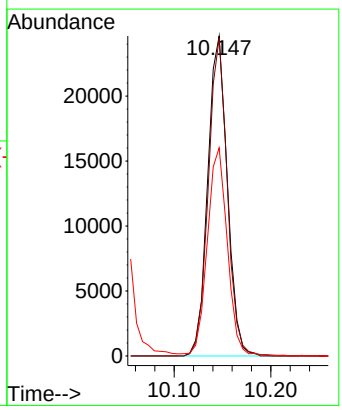
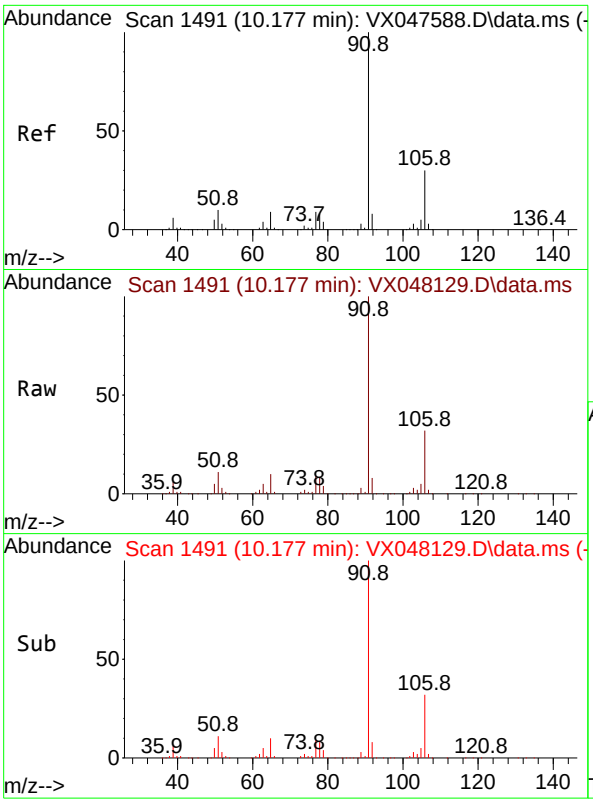


#66
1,1,1,2-Tetrachloroethane
Concen: 19.163 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:131 Resp: 34535

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	142.0
119	66.7	32.0	96.0





#67
Ethyl Benzene
Concen: 19.238 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 91 Resp: 17335

Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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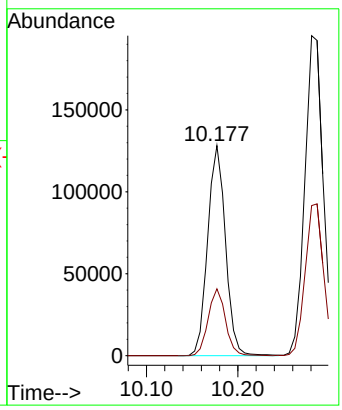
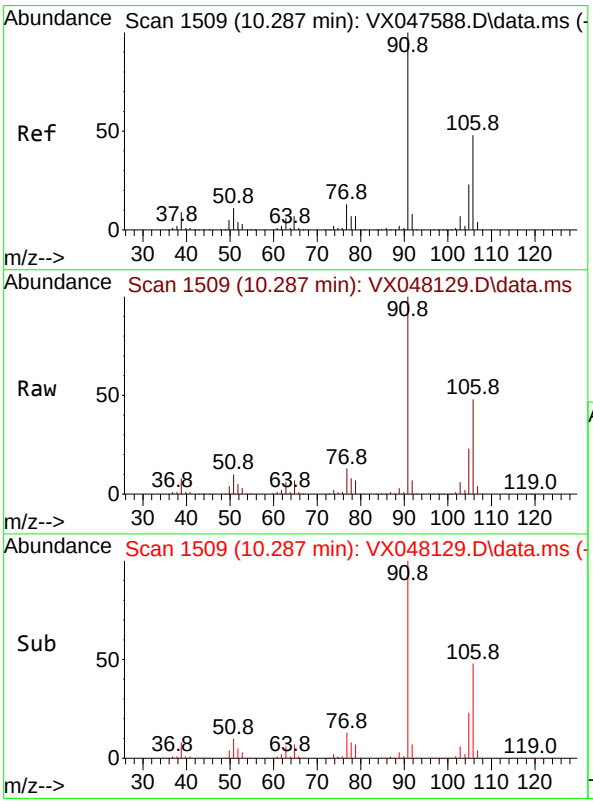
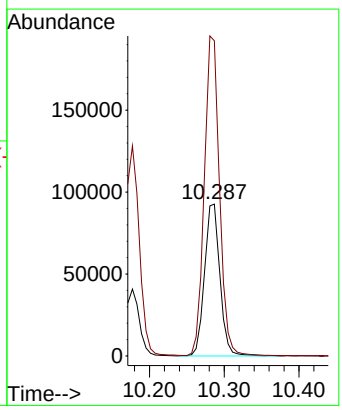


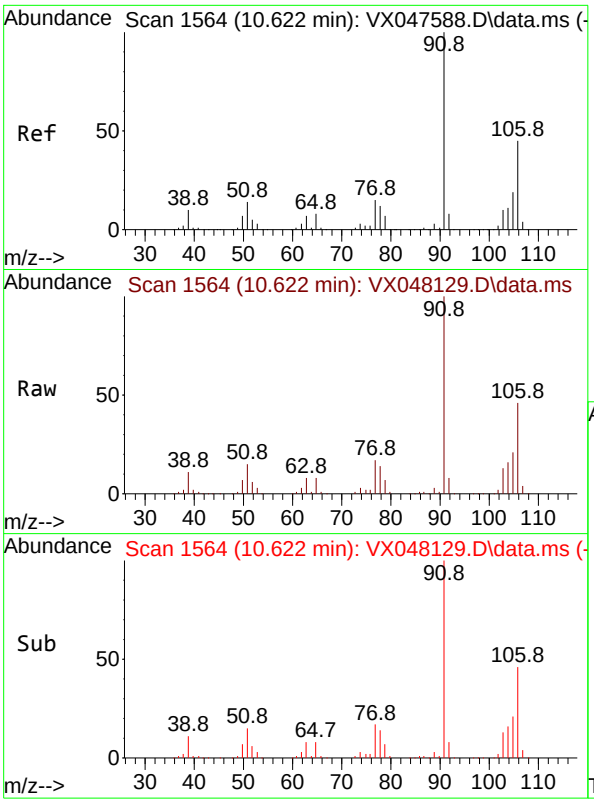


#68
m/p-Xylenes
Concen: 39.436 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:106 Resp: 132267

Ion	Ratio	Lower	Upper
106	100		
91	209.0	167.8	251.8





#69
o-Xylene
Concen: 19.418 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:106 Resp: 6299

Ion	Ratio	Lower	Upper
106	100		
91	219.4	111.1	333.4

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
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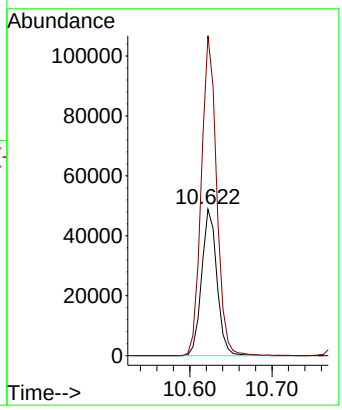
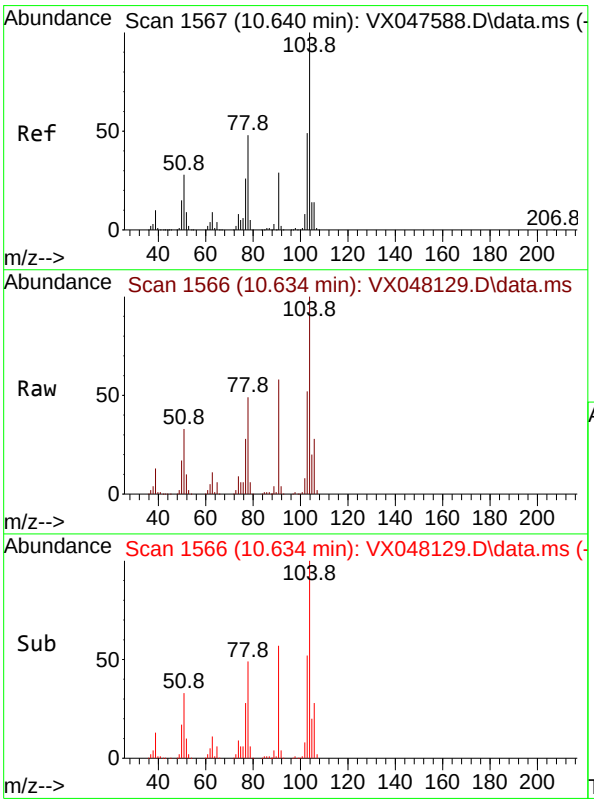
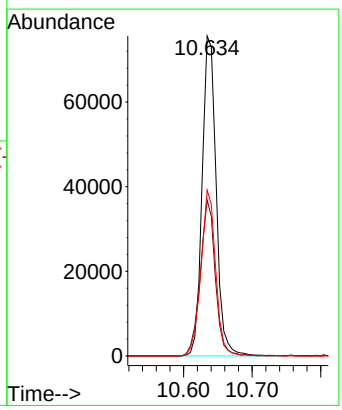


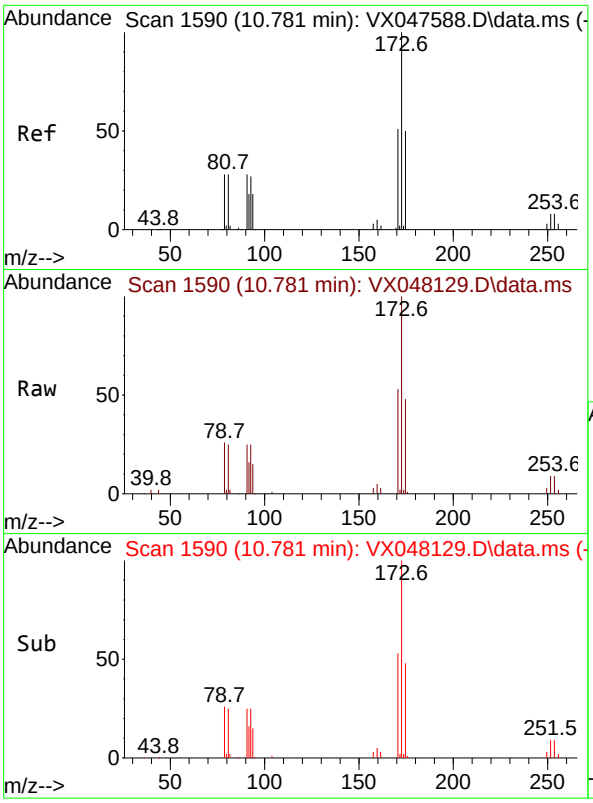


#70
Styrene
Concen: 19.029 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:104 Resp: 108165

Ion	Ratio	Lower	Upper
104	100		
78	52.0	43.1	64.7
103	54.4	43.1	64.7





#71
Bromoform
Concen: 19.639 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:173 Resp: 2642

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.9	74.6
254	0.0	0.1	0.1

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
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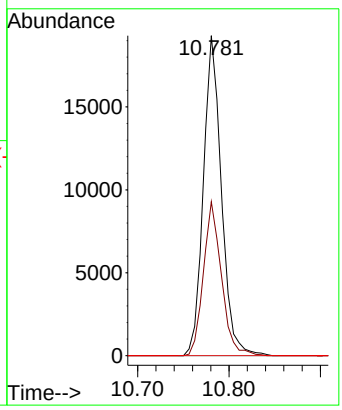
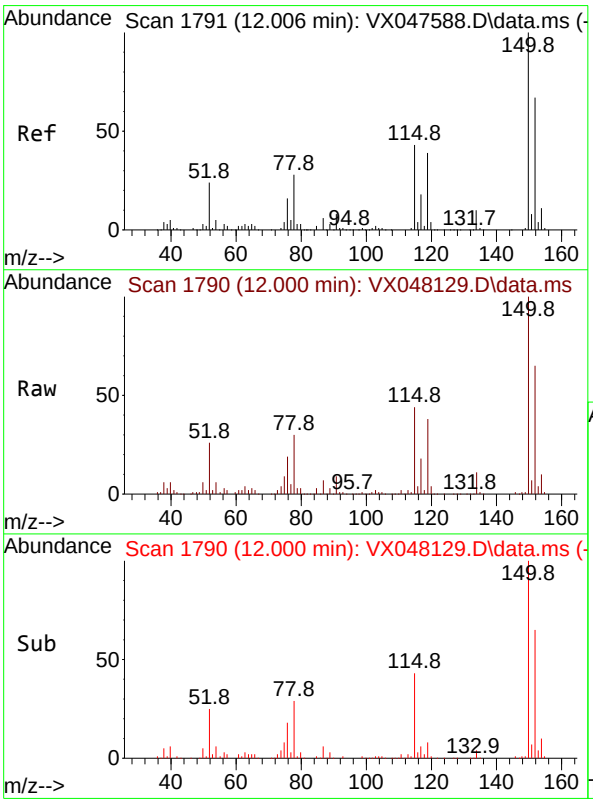
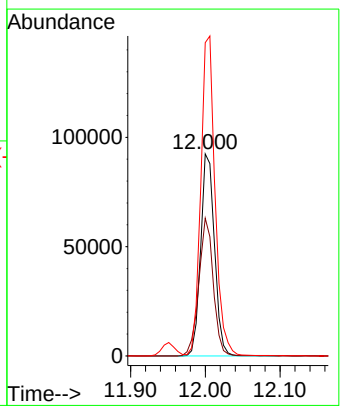


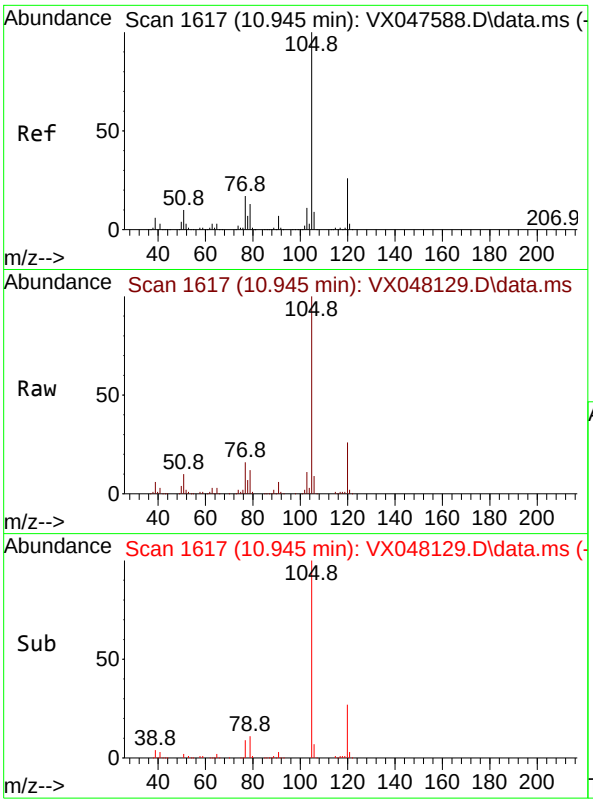


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:152 Resp: 119033

Ion	Ratio	Lower	Upper
152	100		
115	70.8	44.9	134.5
150	163.4	0.0	352.0

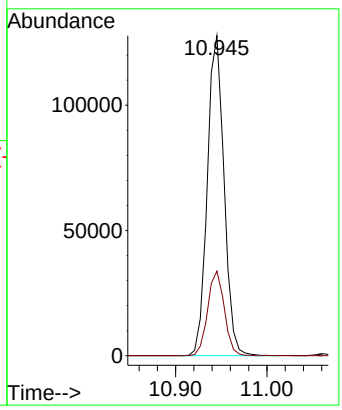




#73
Isopropylbenzene
Concen: 17.970 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:105 Resp: 16261

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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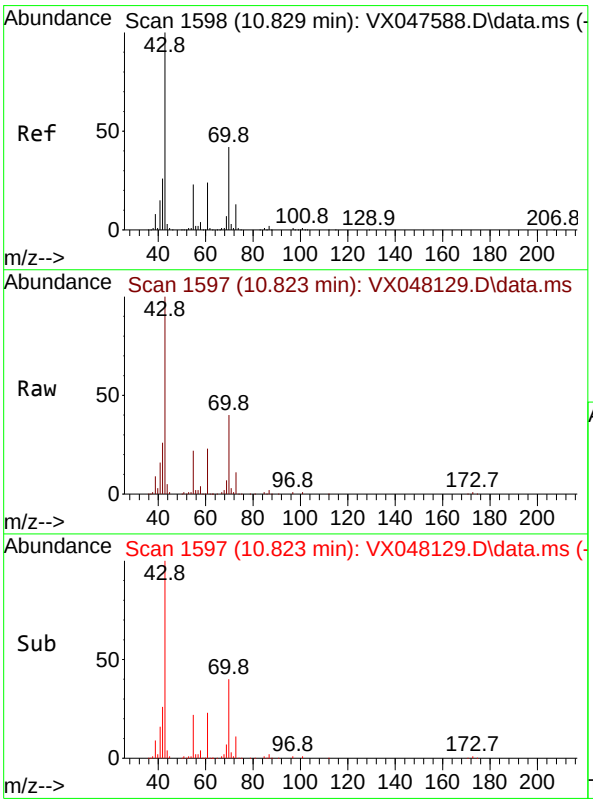
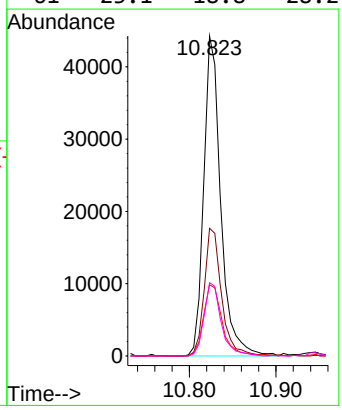
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

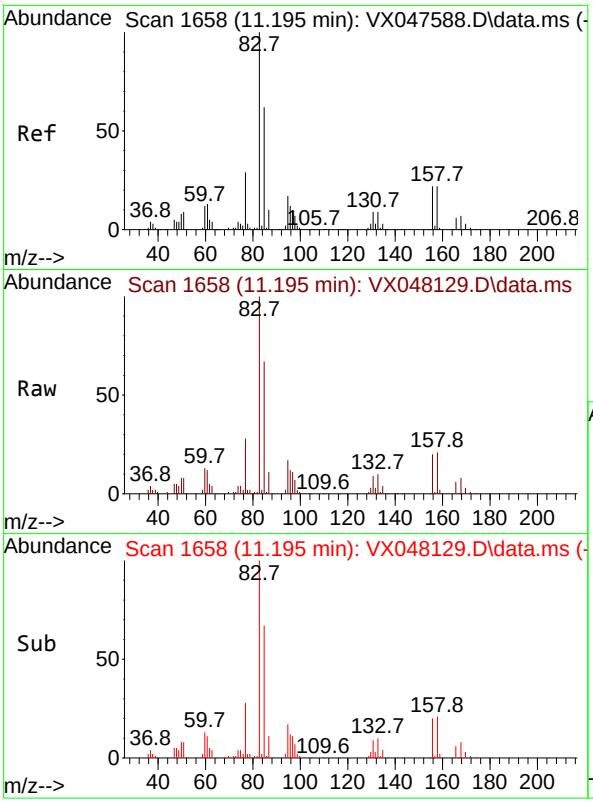


#74
N-amyl acetate
Concen: 14.613 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 60305

Ion	Ratio	Lower	Upper
43	100		
70	41.0	32.0	48.0
55	24.5	18.9	28.3
61	23.1	18.8	28.2

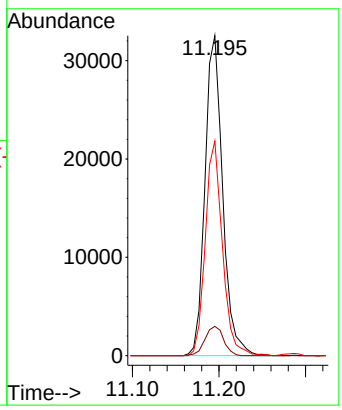




#75
1,1,2,2-Tetrachloroethane
Concen: 16.865 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 83 Resp: 4617

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.9	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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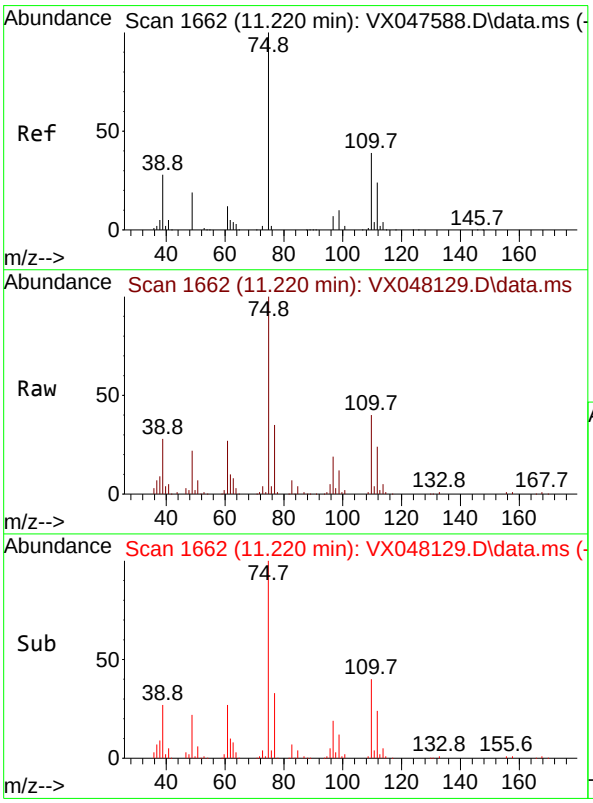
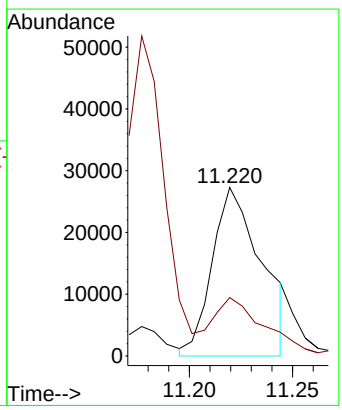
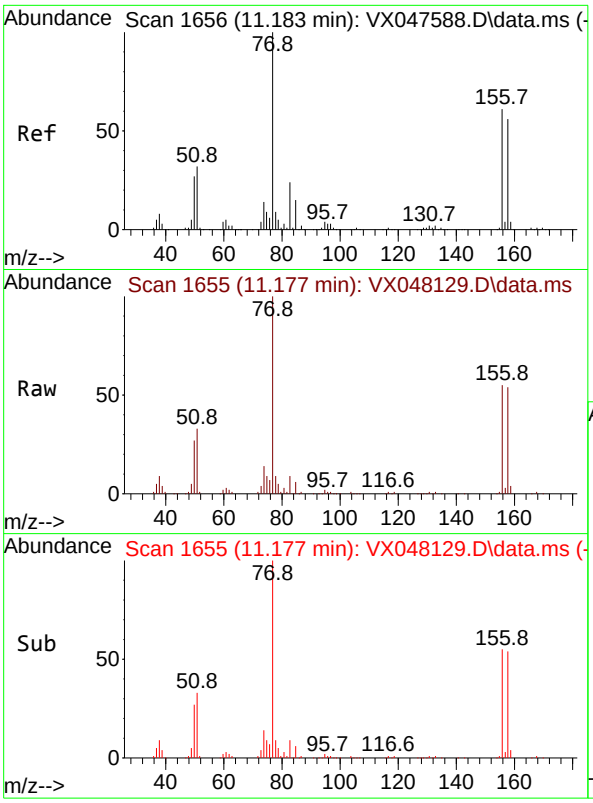


#76
1,2,3-Trichloropropane
Concen: 18.770 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 75 Resp: 45237

Ion	Ratio	Lower	Upper
75	100		
77	34.0	18.8	56.4

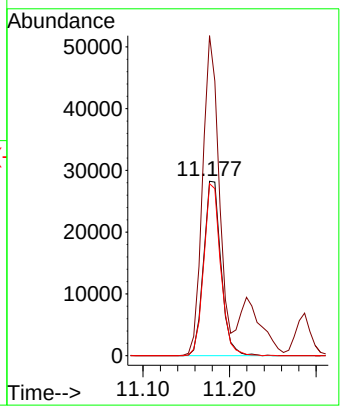




#77
Bromobenzene
Concen: 17.613 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:156 Resp: 3925

Ion	Ratio	Lower	Upper
156	100		
77	174.0	89.7	269.1
158	96.5	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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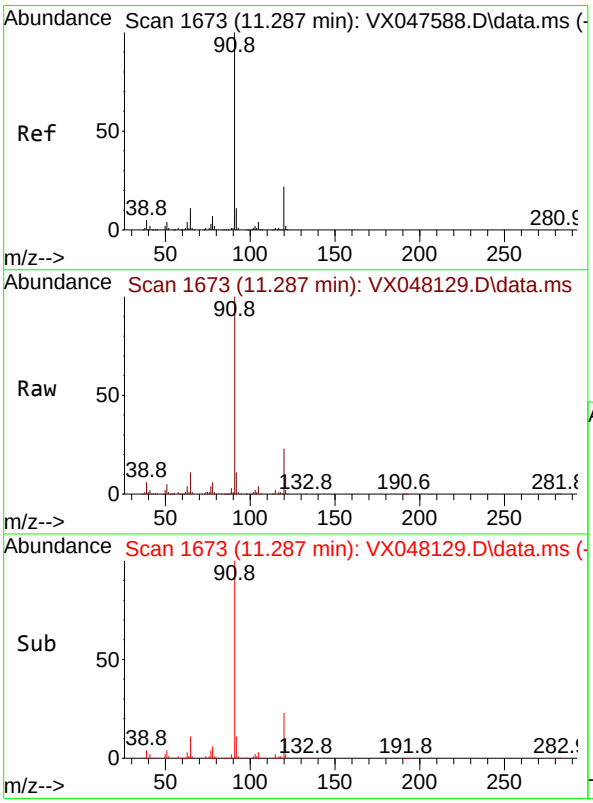
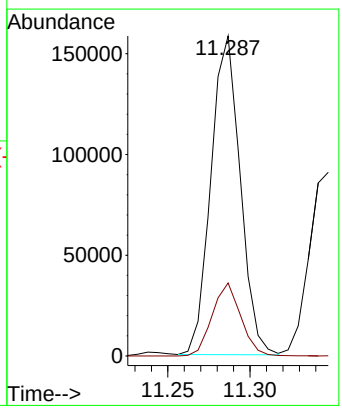
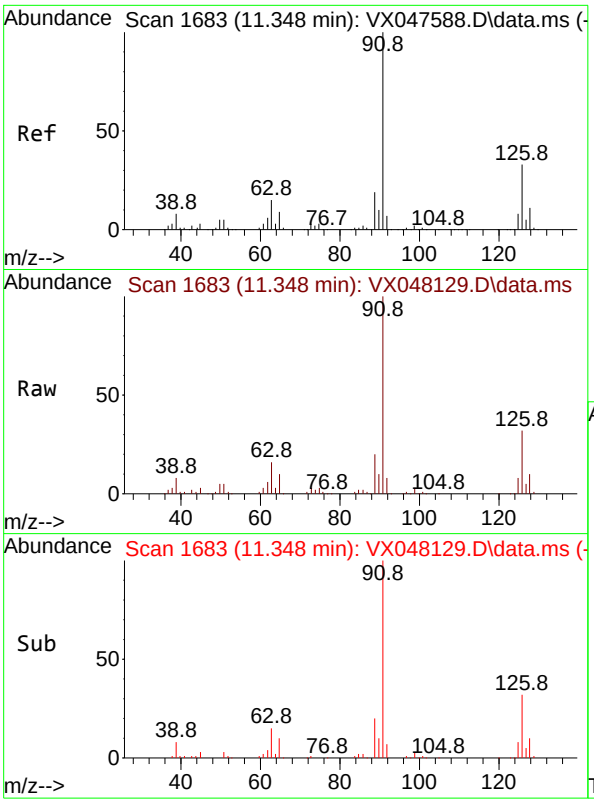


#78
n-propylbenzene
Concen: 18.373 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 91 Resp: 196547

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





#79
2-Chlorotoluene
Concen: 18.167 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 91 Resp: 11903

Ion	Ratio	Lower	Upper
91	100		
126	31.6	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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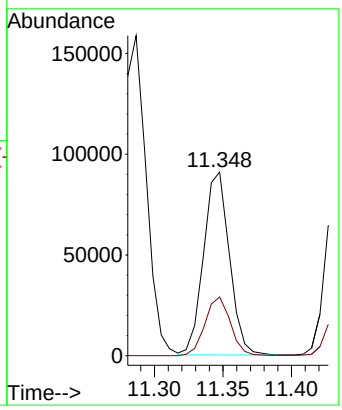
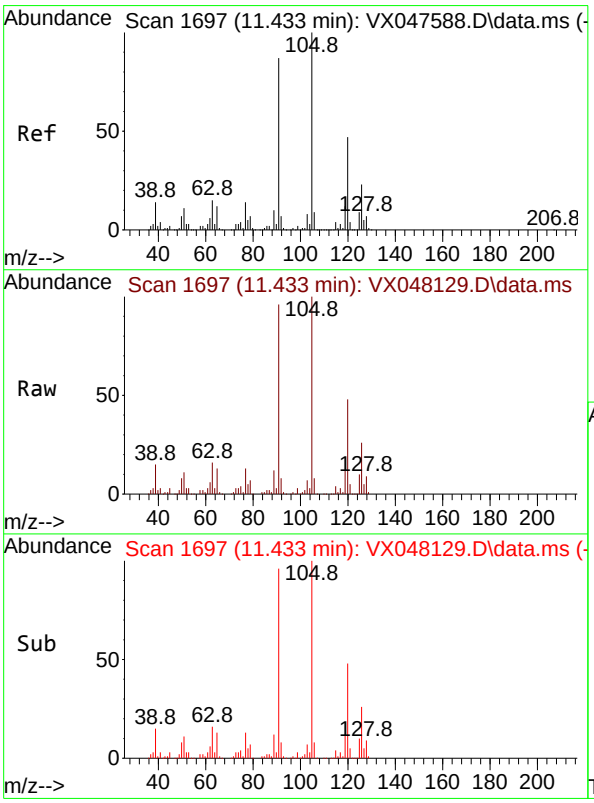
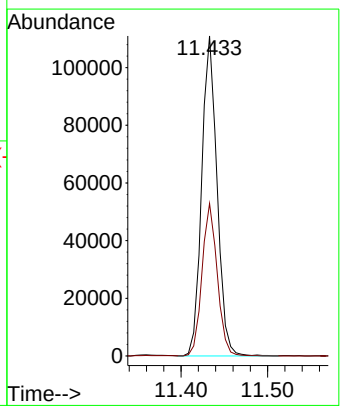


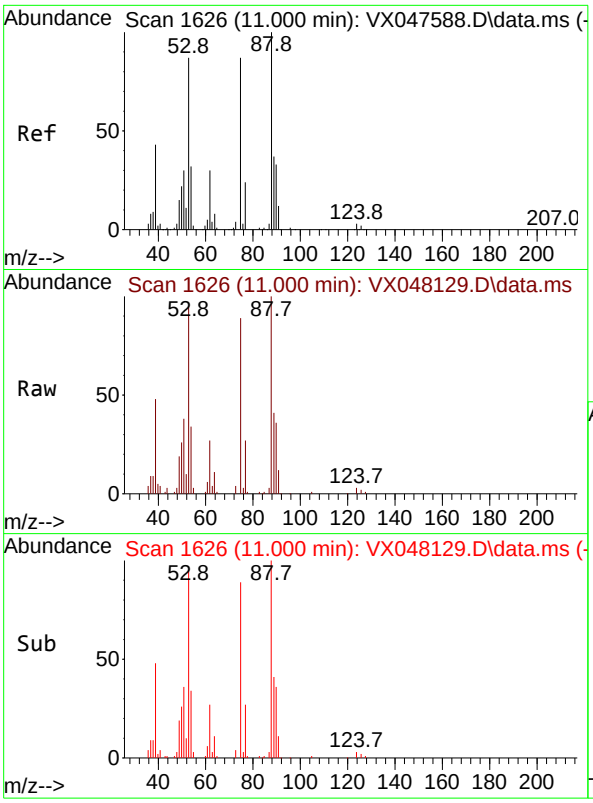


#80
1,3,5-Trimethylbenzene
Concen: 18.364 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:105 Resp: 136540

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.6	70.8

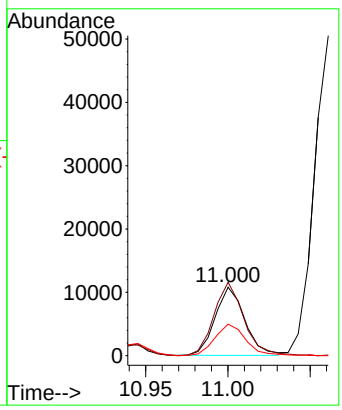




#81
trans-1,4-Dichloro-2-butene
Concen: 14.315 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 75 Resp: 1352

Ion	Ratio	Lower	Upper
75	100		
53	108.8	83.4	125.2
89	48.7	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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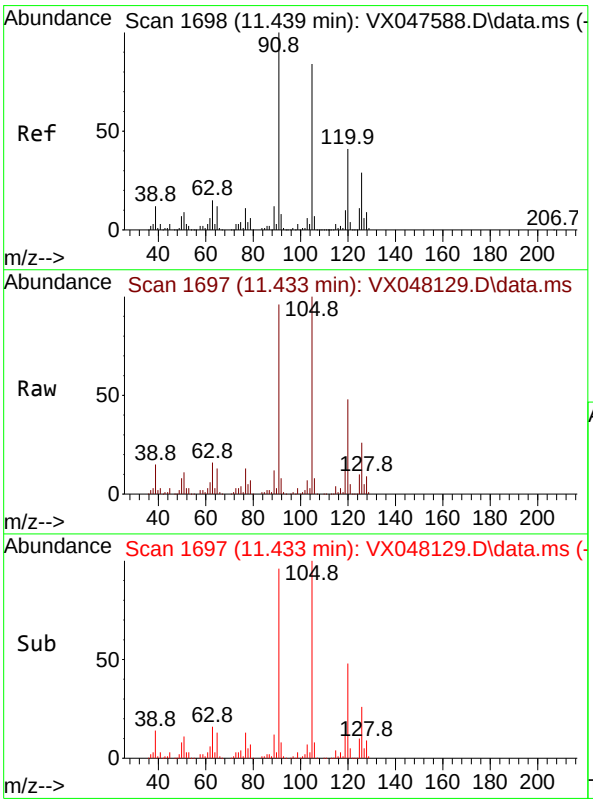
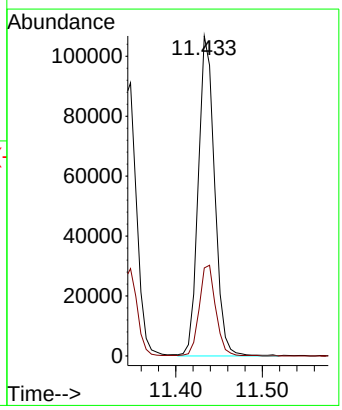
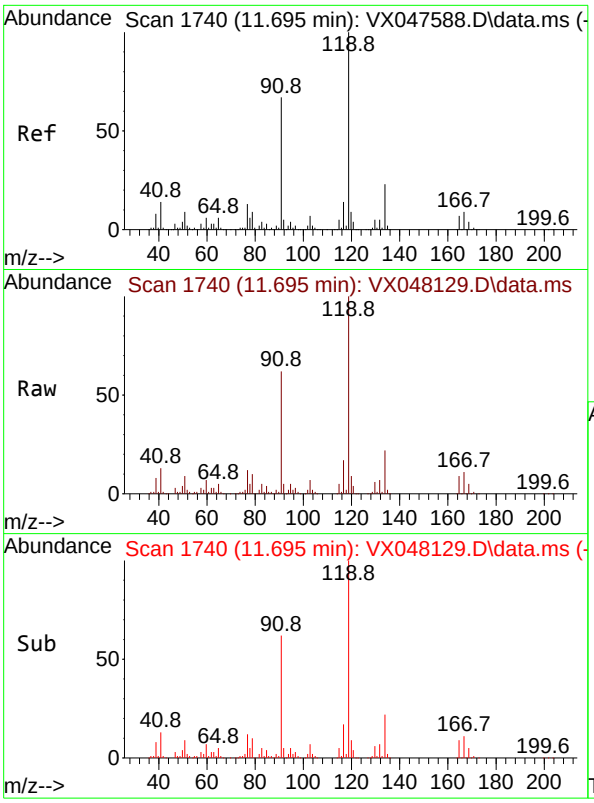


#82
4-Chlorotoluene
Concen: 18.095 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 91 Resp: 140028

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6

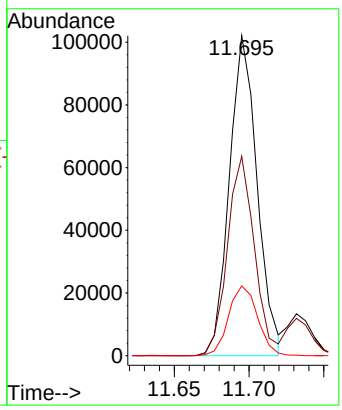




#83
tert-Butylbenzene
Concen: 17.336 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:119 Resp: 13194

Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.6	88.8
134	22.7	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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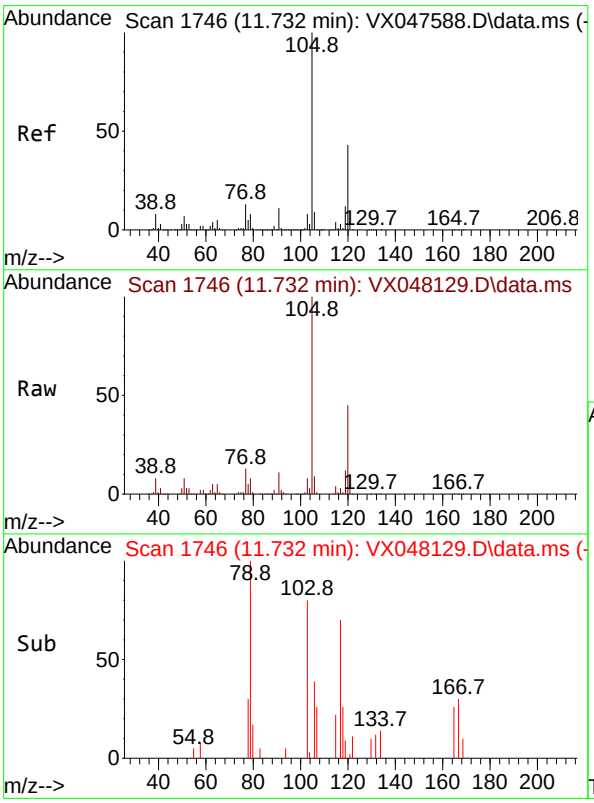
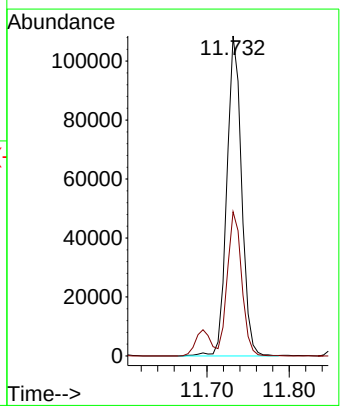
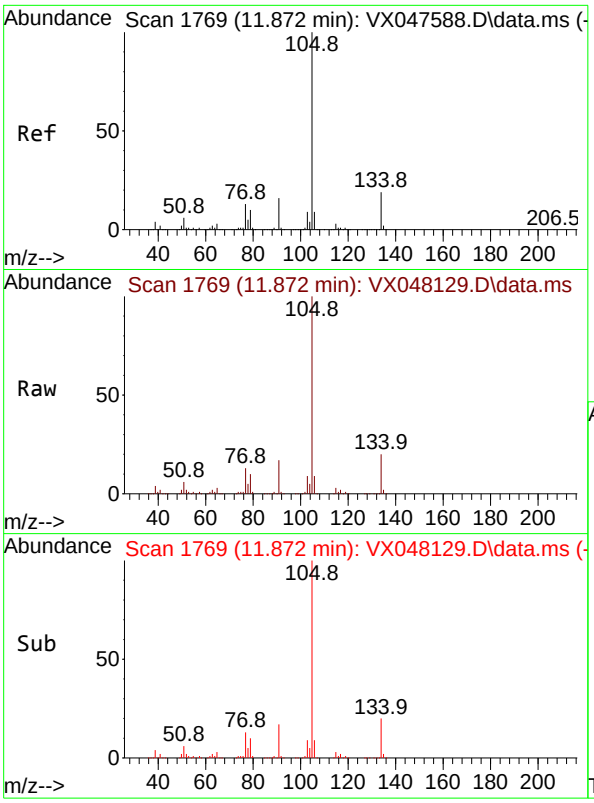


#84
1,2,4-Trimethylbenzene
Concen: 17.994 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:105 Resp: 135638

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1

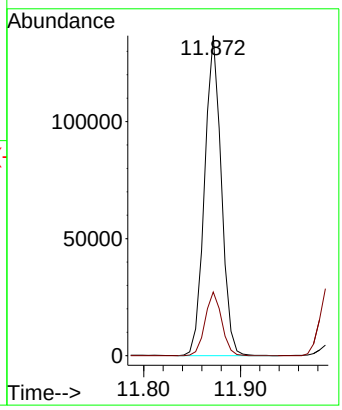




#85
sec-Butylbenzene
Concen: 18.173 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:105 Resp: 16429

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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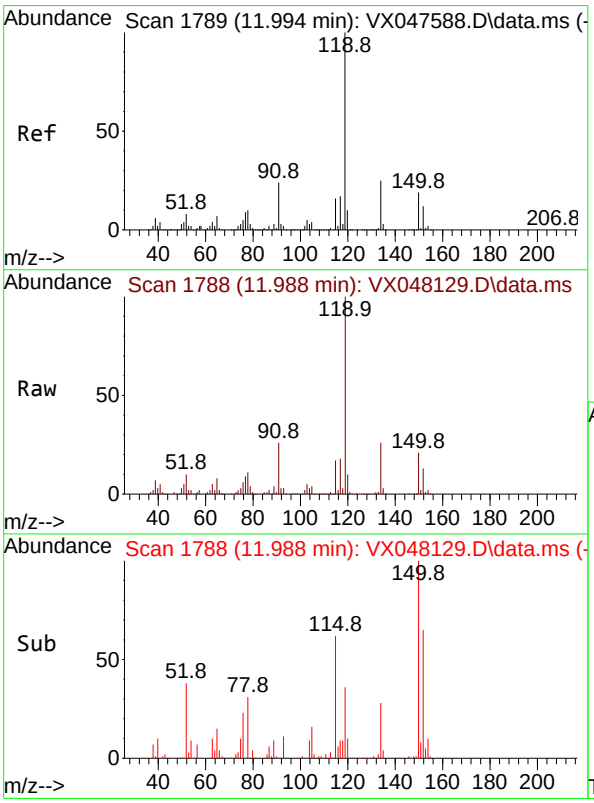
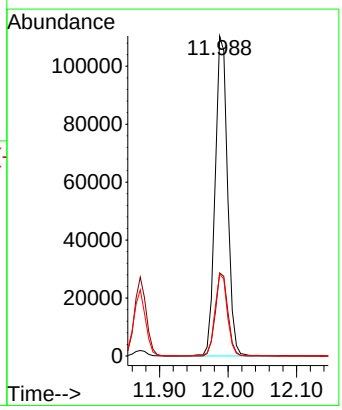
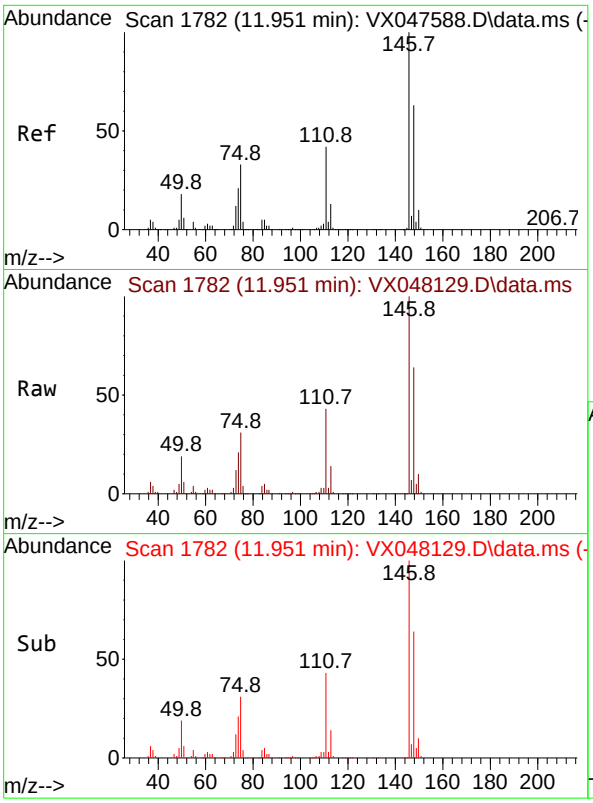


#86
p-Isopropyltoluene
Concen: 18.102 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:119 Resp: 138550

Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.6	37.8
91	25.7	12.6	37.6

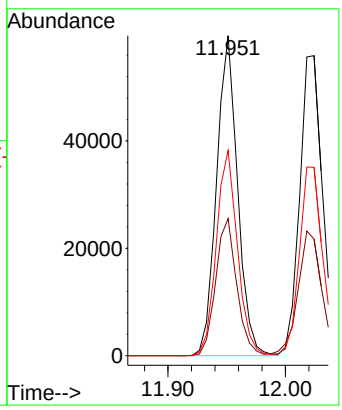




#87
1,3-Dichlorobenzene
Concen: 17.954 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:146 Resp: 7432

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.5	64.5
148	64.5	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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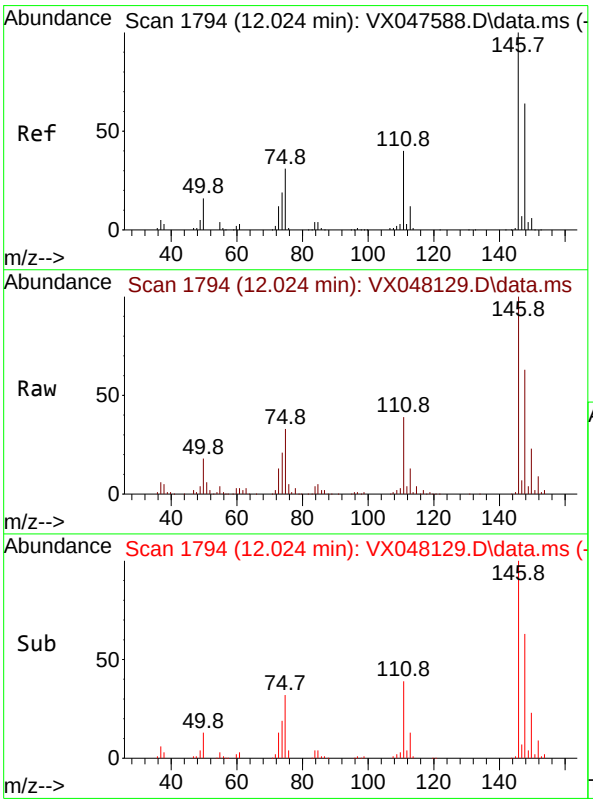
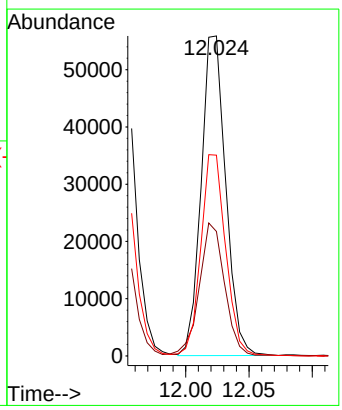
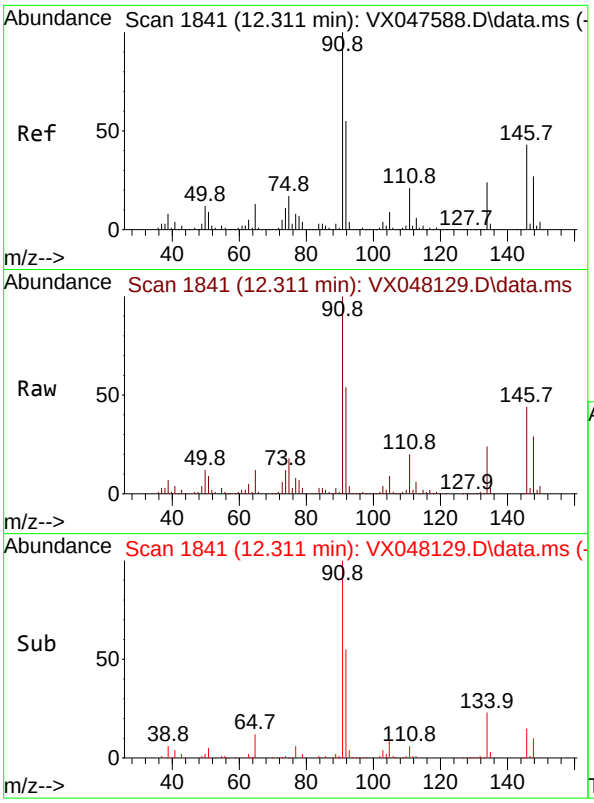


#88
1,4-Dichlorobenzene
Concen: 17.809 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:146 Resp: 75672

Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.8	62.4
148	64.0	31.7	95.1





#89
n-Butylbenzene
Concen: 18.112 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 91 Resp: 12827

Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.6	82.7
134	24.5	12.6	37.8

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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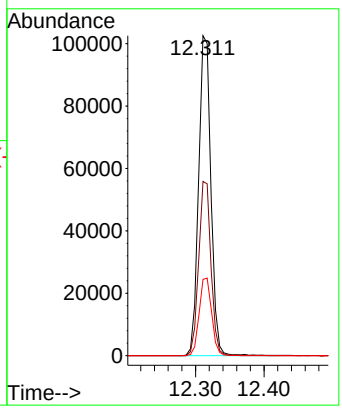
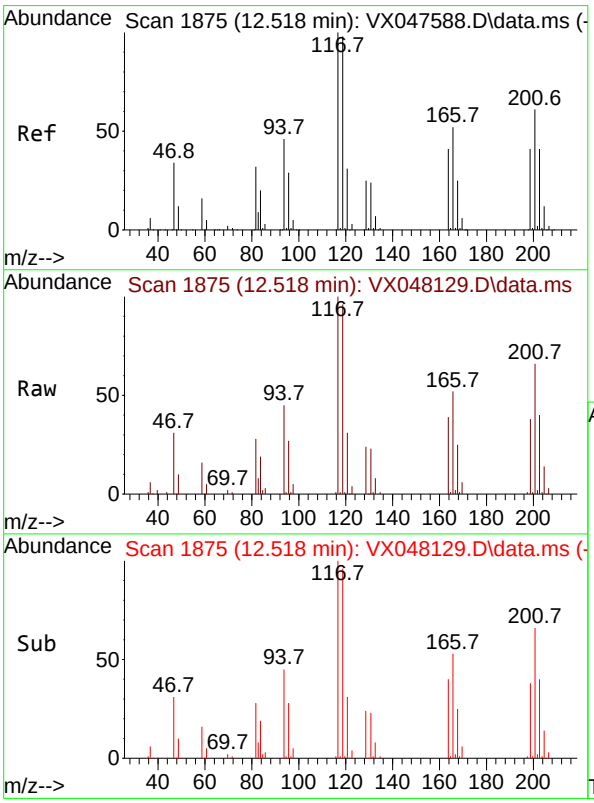
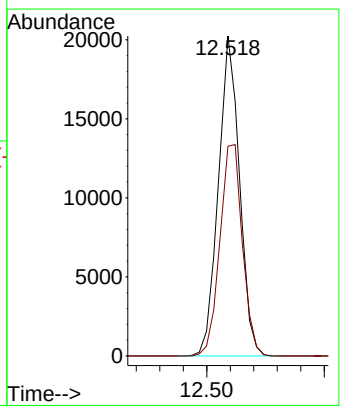


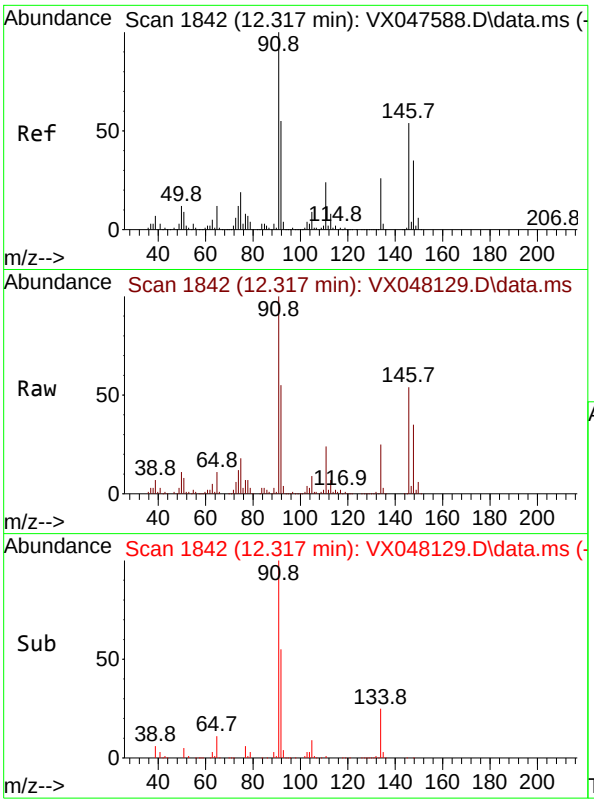


#90
Hexachloroethane
Concen: 18.780 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:117 Resp: 25236

Ion	Ratio	Lower	Upper
117	100		
201	70.6	34.2	102.5

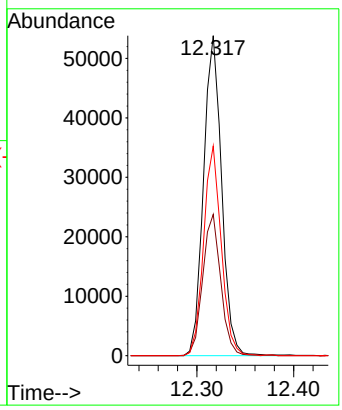




#91
1,2-Dichlorobenzene
Concen: 17.761 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:146 Resp: 7005

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	64.0	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
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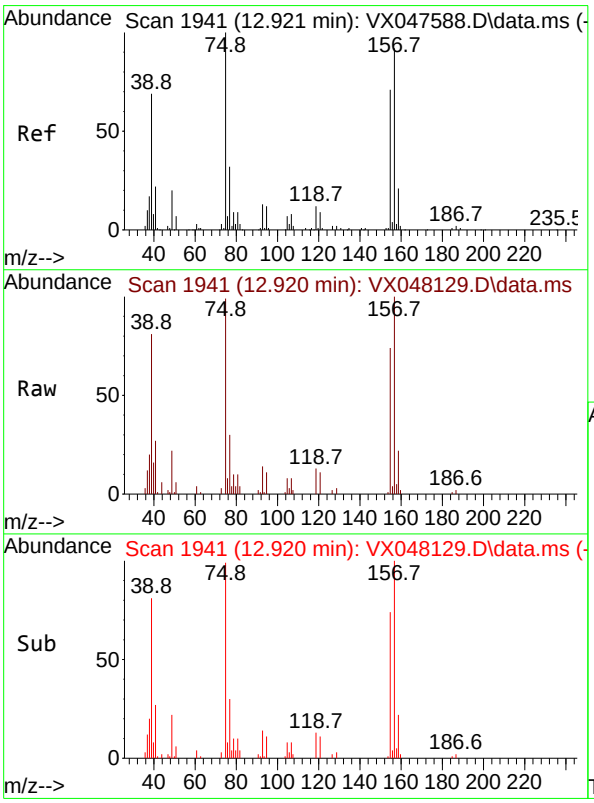
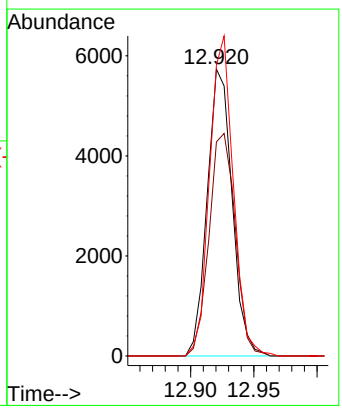
Supervised By :Mahesh Dadoda 10/14/2025

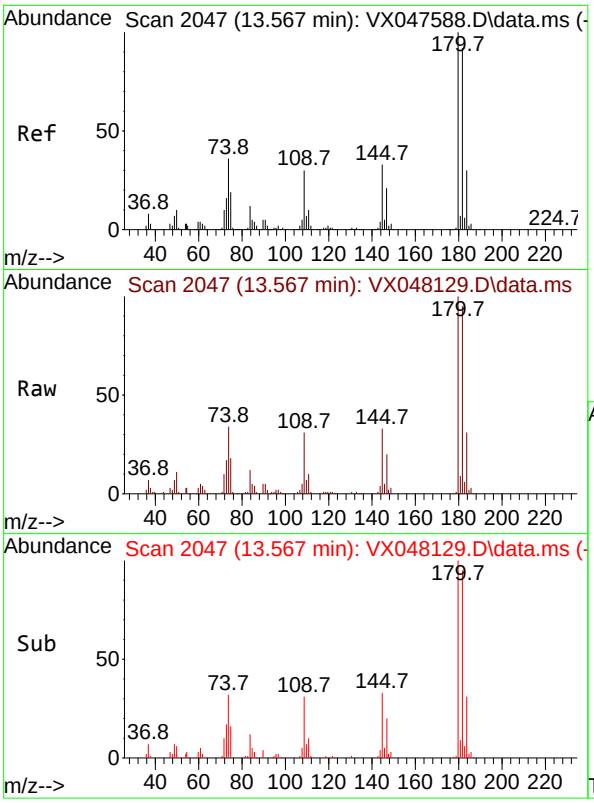


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.156 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 75 Resp: 7847

Ion	Ratio	Lower	Upper
75	100		
155	81.7	37.7	113.1
157	106.2	49.8	149.4

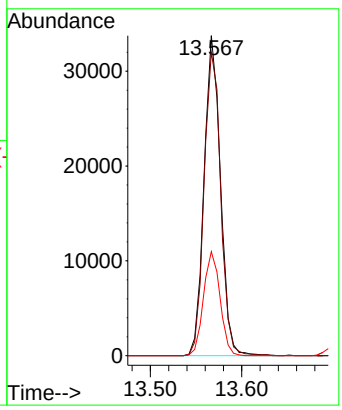




#93
1,2,4-Trichlorobenzene
Concen: 16.361 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:180 Resp: 4193

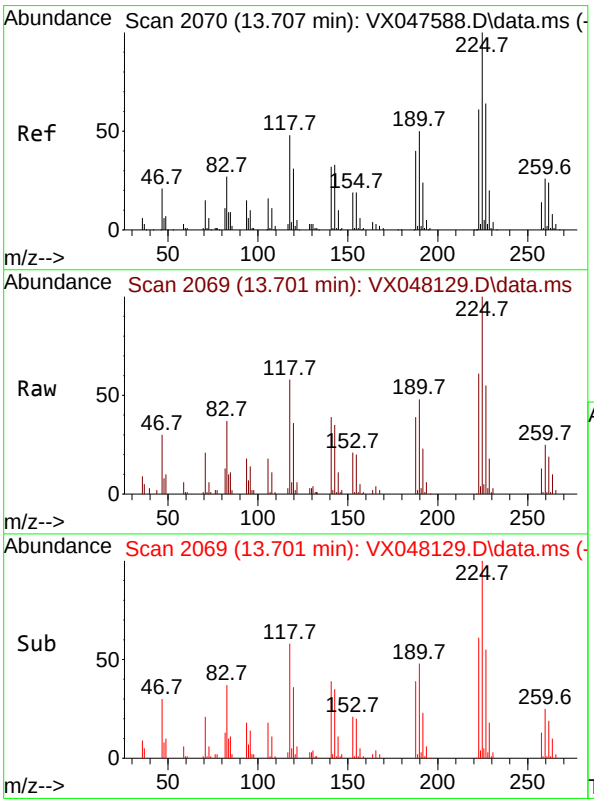
Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.6	139.8
145	32.8	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations APPROVED

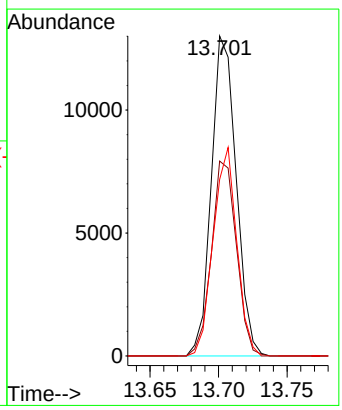
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

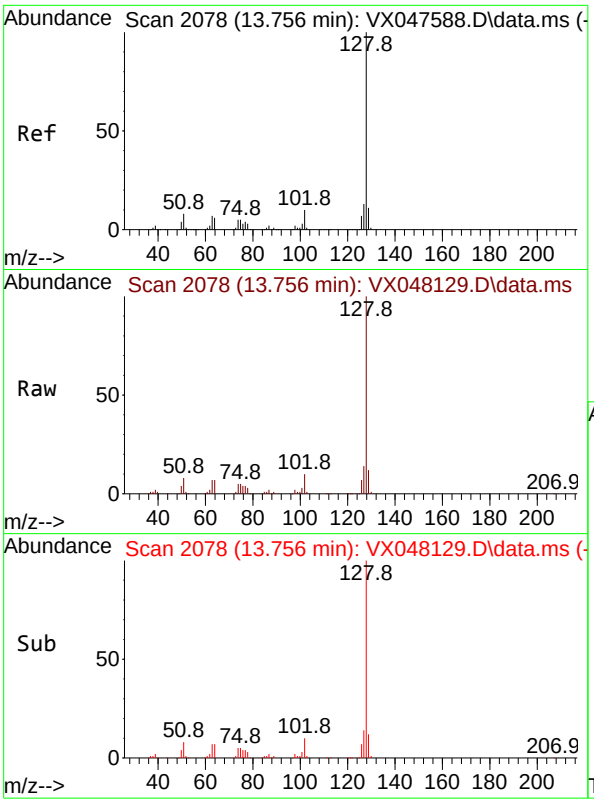


#94
Hexachlorobutadiene
Concen: 18.794 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:225 Resp: 16364

Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.7	95.1
227	61.9	32.0	96.0

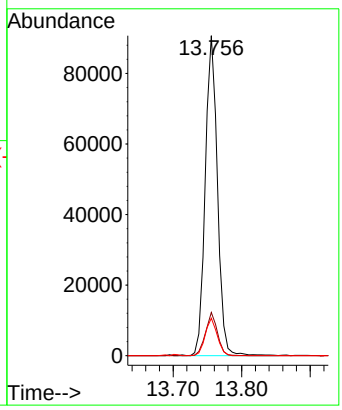




#95
Naphthalene
Concen: 14.383 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:128 Resp: 11226

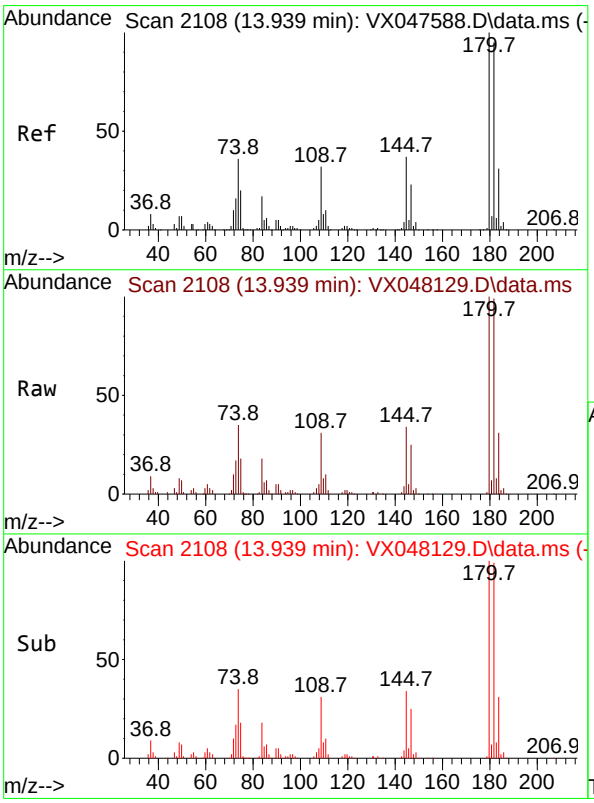
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.6	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
APPROVED

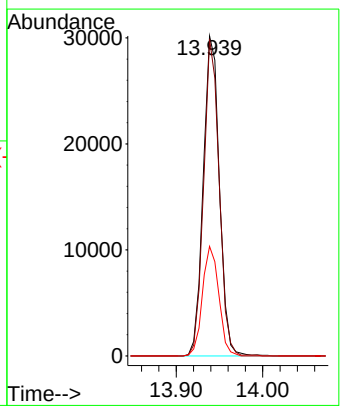
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.397 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:180 Resp: 39097

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.6	142.8
145	34.6	17.9	53.7



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1014WBS01	SDG No.:	Q3311
Lab Sample ID:	VX1014WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	22.9		1	0.22	1.00	ug/L	10/14/25 11:20	VX101425
74-87-3	Chloromethane	17.6		1	0.32	1.00	ug/L	10/14/25 11:20	VX101425
75-01-4	Vinyl Chloride	18.5		1	0.26	1.00	ug/L	10/14/25 11:20	VX101425
74-83-9	Bromomethane	19.3		1	1.40	5.00	ug/L	10/14/25 11:20	VX101425
75-00-3	Chloroethane	17.1		1	0.47	1.00	ug/L	10/14/25 11:20	VX101425
75-69-4	Trichlorofluoromethane	19.4		1	0.33	1.00	ug/L	10/14/25 11:20	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	20.3		1	0.25	1.00	ug/L	10/14/25 11:20	VX101425
75-35-4	1,1-Dichloroethene	18.9		1	0.23	1.00	ug/L	10/14/25 11:20	VX101425
67-64-1	Acetone	62.3		1	1.50	5.00	ug/L	10/14/25 11:20	VX101425
75-15-0	Carbon Disulfide	20.9		1	0.21	1.00	ug/L	10/14/25 11:20	VX101425
1634-04-4	Methyl tert-butyl Ether	15.2		1	0.16	1.00	ug/L	10/14/25 11:20	VX101425
79-20-9	Methyl Acetate	12.9		1	0.27	1.00	ug/L	10/14/25 11:20	VX101425
75-09-2	Methylene Chloride	17.1		1	0.28	1.00	ug/L	10/14/25 11:20	VX101425
156-60-5	trans-1,2-Dichloroethene	18.5		1	0.23	1.00	ug/L	10/14/25 11:20	VX101425
75-34-3	1,1-Dichloroethane	17.0		1	0.23	1.00	ug/L	10/14/25 11:20	VX101425
110-82-7	Cyclohexane	18.8		1	1.50	5.00	ug/L	10/14/25 11:20	VX101425
78-93-3	2-Butanone	67.4		1	0.98	5.00	ug/L	10/14/25 11:20	VX101425
56-23-5	Carbon Tetrachloride	21.2		1	0.25	1.00	ug/L	10/14/25 11:20	VX101425
156-59-2	cis-1,2-Dichloroethene	17.3		1	0.19	1.00	ug/L	10/14/25 11:20	VX101425
74-97-5	Bromochloromethane	17.7		1	0.22	1.00	ug/L	10/14/25 11:20	VX101425
67-66-3	Chloroform	17.6		1	0.25	1.00	ug/L	10/14/25 11:20	VX101425
71-55-6	1,1,1-Trichloroethane	18.6		1	0.20	1.00	ug/L	10/14/25 11:20	VX101425
108-87-2	Methylcyclohexane	21.0		1	0.16	1.00	ug/L	10/14/25 11:20	VX101425
71-43-2	Benzene	19.6		1	0.15	1.00	ug/L	10/14/25 11:20	VX101425
107-06-2	1,2-Dichloroethane	17.4		1	0.22	1.00	ug/L	10/14/25 11:20	VX101425
79-01-6	Trichloroethene	21.1		1	0.090	1.00	ug/L	10/14/25 11:20	VX101425
78-87-5	1,2-Dichloropropane	18.6		1	0.20	1.00	ug/L	10/14/25 11:20	VX101425
75-27-4	Bromodichloromethane	19.1		1	0.22	1.00	ug/L	10/14/25 11:20	VX101425
108-10-1	4-Methyl-2-Pentanone	76.9		1	0.68	5.00	ug/L	10/14/25 11:20	VX101425
108-88-3	Toluene	20.0		1	0.14	1.00	ug/L	10/14/25 11:20	VX101425
10061-02-6	t-1,3-Dichloropropene	18.0		1	0.17	1.00	ug/L	10/14/25 11:20	VX101425
10061-01-5	cis-1,3-Dichloropropene	18.4		1	0.16	1.00	ug/L	10/14/25 11:20	VX101425
79-00-5	1,1,2-Trichloroethane	18.7		1	0.21	1.00	ug/L	10/14/25 11:20	VX101425
591-78-6	2-Hexanone	74.3		1	0.89	5.00	ug/L	10/14/25 11:20	VX101425
124-48-1	Dibromochloromethane	20.3		1	0.18	1.00	ug/L	10/14/25 11:20	VX101425
106-93-4	1,2-Dibromoethane	19.2		1	0.15	1.00	ug/L	10/14/25 11:20	VX101425
127-18-4	Tetrachloroethene	22.8		1	0.23	1.00	ug/L	10/14/25 11:20	VX101425
108-90-7	Chlorobenzene	19.5		1	0.12	1.00	ug/L	10/14/25 11:20	VX101425
100-41-4	Ethyl Benzene	19.2		1	0.13	1.00	ug/L	10/14/25 11:20	VX101425
179601-23-1	m/p-Xylenes	39.5		1	0.24	2.00	ug/L	10/14/25 11:20	VX101425
95-47-6	o-Xylene	19.2		1	0.12	1.00	ug/L	10/14/25 11:20	VX101425
100-42-5	Styrene	19.2		1	0.15	1.00	ug/L	10/14/25 11:20	VX101425
75-25-2	Bromoform	19.9		1	0.19	1.00	ug/L	10/14/25 11:20	VX101425

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1014WBS01	SDG No.:	Q3311
Lab Sample ID:	VX1014WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	17.7		1	0.12	1.00	ug/L	10/14/25 11:20	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	16.0		1	0.26	1.00	ug/L	10/14/25 11:20	VX101425
541-73-1	1,3-Dichlorobenzene	18.0		1	0.16	1.00	ug/L	10/14/25 11:20	VX101425
106-46-7	1,4-Dichlorobenzene	17.7		1	0.19	1.00	ug/L	10/14/25 11:20	VX101425
95-50-1	1,2-Dichlorobenzene	17.5		1	0.16	1.00	ug/L	10/14/25 11:20	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	14.1		1	0.53	1.00	ug/L	10/14/25 11:20	VX101425
120-82-1	1,2,4-Trichlorobenzene	16.1		1	0.20	1.00	ug/L	10/14/25 11:20	VX101425
87-61-6	1,2,3-Trichlorobenzene	16.4		1	0.20	1.00	ug/L	10/14/25 11:20	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	42.8			74 - 125	86%	SPK: 50		
1868-53-7	Dibromofluoromethane	52.5			75 - 124	105%	SPK: 50		
2037-26-5	Toluene-d8	51.6			86 - 113	103%	SPK: 50		
460-00-4	4-Bromofluorobenzene	52.1			77 - 121	104%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	142000							
540-36-3	1,4-Difluorobenzene	232000							
3114-55-4	Chlorobenzene-d5	210000							
3855-82-1	1,4-Dichlorobenzene-d4	113000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048156.D
Acq On : 14 Oct 2025 11:20
Operator : JC/MD
Sample : VX1014WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 02:40:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	142018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	232029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	96724	42.787	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 85.580%			
35) Dibromofluoromethane	5.367	113	81734	52.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	8.635	98	277852	51.603	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.200%			
62) 4-Bromofluorobenzene	11.061	95	106490	52.112	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.220%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	33620	22.861	ug/l	97
3) Chloromethane	1.300	50	34072	17.628	ug/l	97
4) Vinyl Chloride	1.380	62	35065	18.533	ug/l	99
5) Bromomethane	1.617	94	23170	19.313	ug/l	95
6) Chloroethane	1.697	64	21619	17.096	ug/l	95
7) Trichlorofluoromethane	1.898	101	54386	19.360	ug/l	98
8) Diethyl Ether	2.136	74	16812	14.630	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	33278	20.259	ug/l	99
10) Methyl Iodide	2.459	142	34342	13.405	ug/l	98
11) Tert butyl alcohol	2.940	59	15408	61.199	ug/l	97
12) 1,1-Dichloroethene	2.325	96	31946	18.933	ug/l	95
13) Acrolein	2.233	56	15519	66.890	ug/l	100
14) Allyl chloride	2.666	41	53446	15.350	ug/l	96
15) Acrylonitrile	3.056	53	70373	75.462	ug/l	98
16) Acetone	2.373	43	61217	62.282	ug/l	93
17) Carbon Disulfide	2.514	76	96326	20.853	ug/l	99
18) Methyl Acetate	2.697	43	28110	12.851	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	93669	15.207	ug/l	98
20) Methylene Chloride	2.788	84	35652	17.136	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	33587	18.489	ug/l	89
22) Diisopropyl ether	3.745	45	109745	16.264	ug/l	87
23) Vinyl Acetate	3.709	43	391665	72.522	ug/l	99
24) 1,1-Dichloroethane	3.605	63	60815	16.956	ug/l	98
25) 2-Butanone	4.538	43	82654	67.415	ug/l	98
26) 2,2-Dichloropropane	4.458	77	51631	17.318	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	38377	17.250	ug/l	98
28) Bromochloromethane	4.879	49	27637	17.651	ug/l	91
29) Tetrahydrofuran	4.989	42	50003	67.795	ug/l	99
30) Chloroform	5.074	83	63951	17.645	ug/l	97
31) Cyclohexane	5.458	56	56015	18.752	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	57168	18.596	ug/l	99
36) 1,1-Dichloropropene	5.678	75	43496	19.129	ug/l	96
37) Ethyl Acetate	4.696	43	37167	15.266	ug/l	97
38) Carbon Tetrachloride	5.659	117	52488	21.245	ug/l	97
39) Methylcyclohexane	7.366	83	54184	20.992	ug/l	95
40) Benzene	6.019	78	135301	19.591	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048156.D
Acq On : 14 Oct 2025 11:20
Operator : JC/MD
Sample : VX1014WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 02:40:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.897	41	19538	15.545	ug/l		99
42) 1,2-Dichloroethane	6.068	62	45764	17.416	ug/l		95
43) Isopropyl Acetate	6.324	43	58928	14.758	ug/l		98
44) Trichloroethene	7.104	130	35172	21.065	ug/l		87
45) 1,2-Dichloropropane	7.409	63	32826	18.562	ug/l		99
46) Dibromomethane	7.562	93	23919	18.587	ug/l		94
47) Bromodichloromethane	7.805	83	50797	19.128	ug/l		99
48) Methyl methacrylate	7.677	41	28826	14.493	ug/l		95
49) 1,4-Dioxane	7.647	88	6994	347.954	ug/l		98
51) 4-Methyl-2-Pentanone	8.555	43	170189	76.874	ug/l		99
52) Toluene	8.702	92	85201	20.024	ug/l		97
53) t-1,3-Dichloropropene	8.964	75	48713	17.984	ug/l		100
54) cis-1,3-Dichloropropene	8.348	75	53266	18.398	ug/l		97
55) 1,1,2-Trichloroethane	9.134	97	30604	18.653	ug/l		99
56) Ethyl methacrylate	9.098	69	41297	16.027	ug/l		95
57) 1,3-Dichloropropane	9.293	76	53047	18.822	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.226	63	92446	82.539	ug/l		98
59) 2-Hexanone	9.415	43	118193	74.335	ug/l		98
60) Dibromochloromethane	9.500	129	38451	20.340	ug/l		97
61) 1,2-Dibromoethane	9.592	107	32016	19.158	ug/l		99
64) Tetrachloroethene	9.256	164	31243	22.789	ug/l		95
65) Chlorobenzene	10.061	112	93338	19.536	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.146	131	33227	20.154	ug/l		99
67) Ethyl Benzene	10.177	91	157968	19.163	ug/l		99
68) m/p-Xylenes	10.287	106	121203	39.501	ug/l		97
69) o-Xylene	10.622	106	56980	19.199	ug/l		95
70) Styrene	10.640	104	99914	19.214	ug/l		98
71) Bromoform	10.780	173	24461	19.870	ug/l	#	99
73) Isopropylbenzene	10.945	105	151949	17.719	ug/l		100
74) N-amyl acetate	10.823	43	51175	13.087	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.195	83	41410	15.961	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	39967m	17.501	ug/l		
77) Bromobenzene	11.177	156	36845	17.445	ug/l		94
78) n-propylbenzene	11.286	91	181568	17.911	ug/l		99
79) 2-Chlorotoluene	11.347	91	106892	17.216	ug/l		96
80) 1,3,5-Trimethylbenzene	11.433	105	124542	17.677	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.000	75	12293	13.727	ug/l		96
82) 4-Chlorotoluene	11.439	91	127403	17.374	ug/l		98
83) tert-Butylbenzene	11.695	119	124884	17.316	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	124291	17.401	ug/l		99
85) sec-Butylbenzene	11.872	105	156752	18.298	ug/l		100
86) p-Isopropyltoluene	11.988	119	134054	18.484	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	70803	18.048	ug/l		97
88) 1,4-Dichlorobenzene	12.024	146	71083	17.655	ug/l		99
89) n-Butylbenzene	12.311	91	118487	17.656	ug/l		99
90) Hexachloroethane	12.518	117	25707	20.189	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	65420	17.504	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.926	75	7417	14.120	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	39152	16.119	ug/l		98
94) Hexachlorobutadiene	13.707	225	15606	18.915	ug/l		97
95) Naphthalene	13.756	128	103418	13.982	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	37041	16.394	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048156.D
Acq On : 14 Oct 2025 11:20
Operator : JC/MD
Sample : VX1014WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 02:40:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048156.D
Acq On : 14 Oct 2025 11:20
Operator : JC/MD
Sample : VX1014WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 15 02:40:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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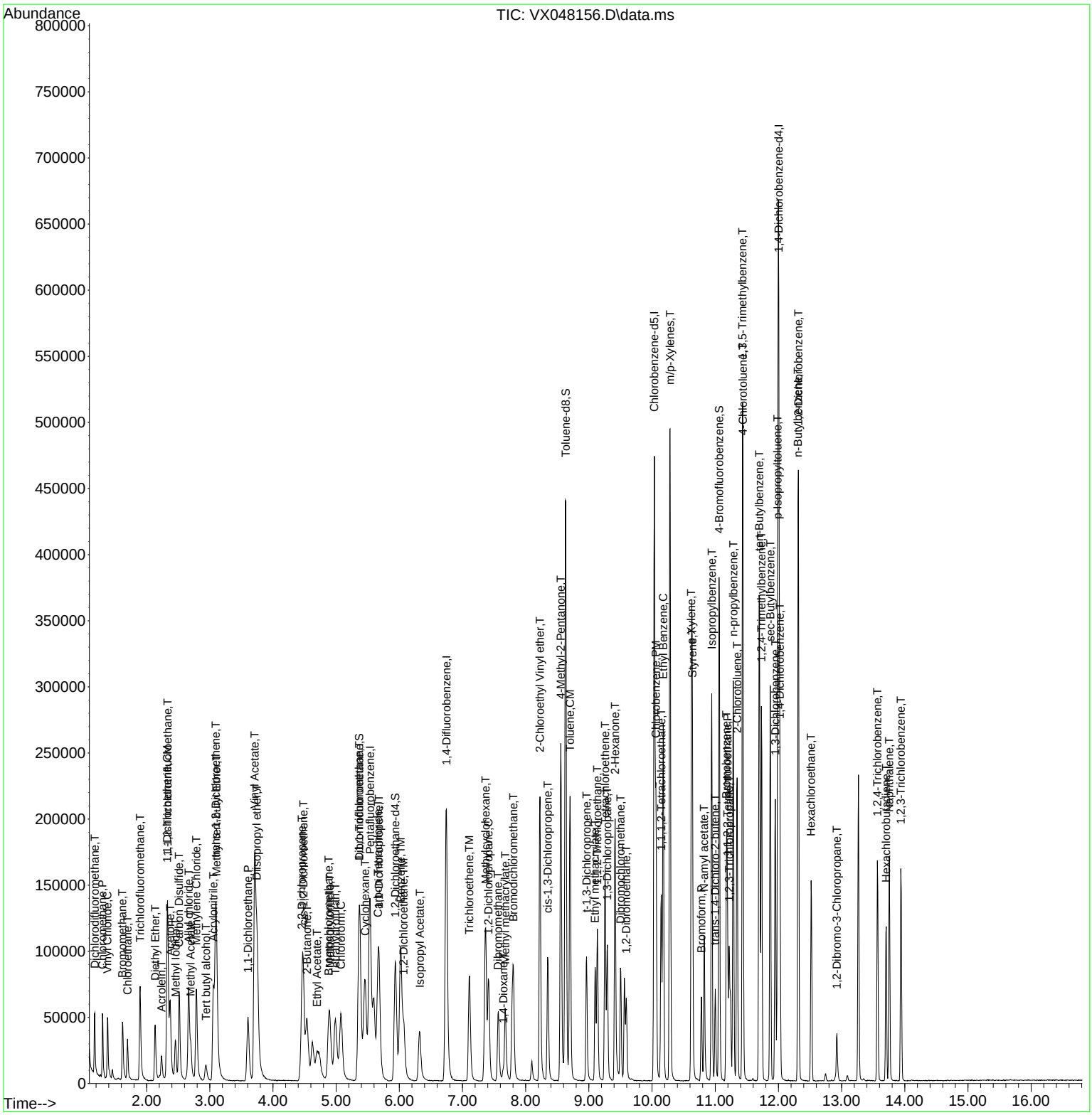
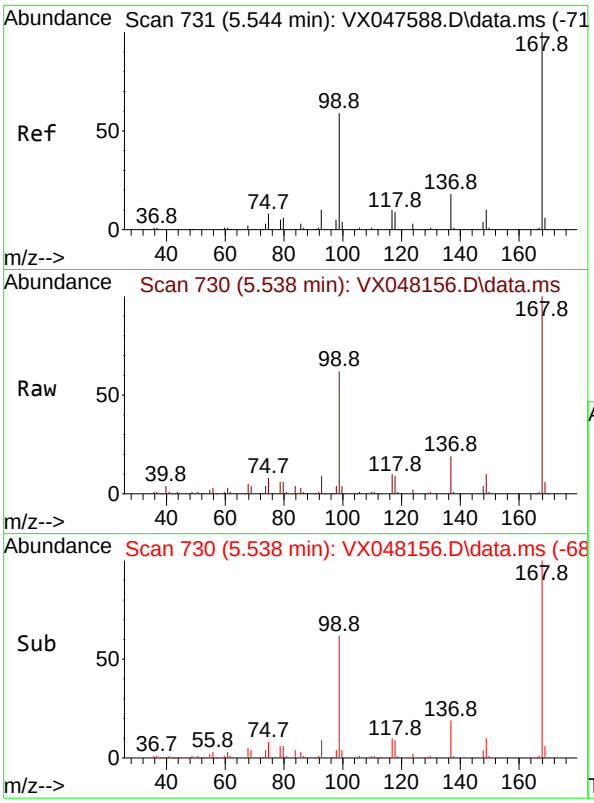
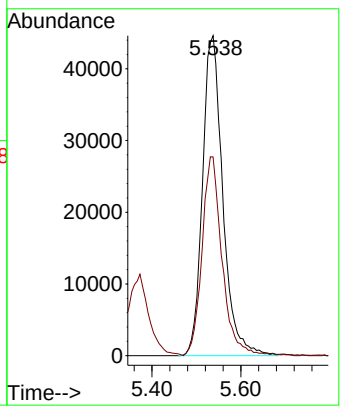




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:168 Resp: 14201

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations
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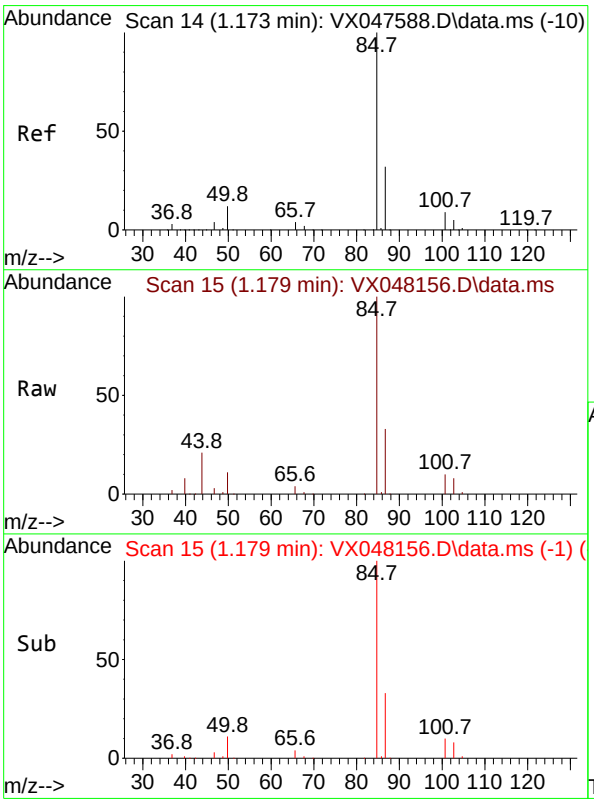
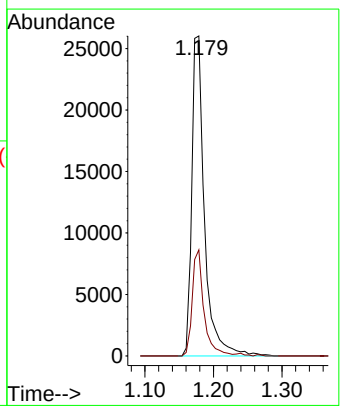
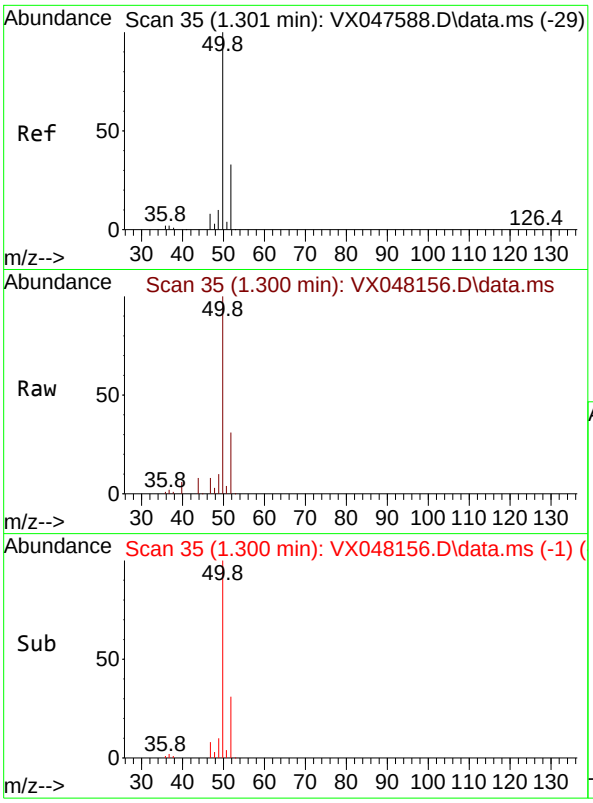


#2
Dichlorodifluoromethane
Concen: 22.861 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 85 Resp: 33620

Ion	Ratio	Lower	Upper
85	100		
87	33.2	15.8	47.3

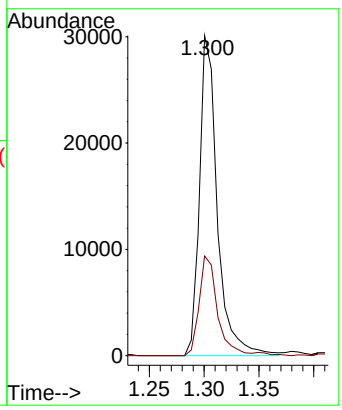




#3
Chloromethane
Concen: 17.628 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 50 Resp: 3407

Ion	Ratio	Lower	Upper
50	100		
52	31.2	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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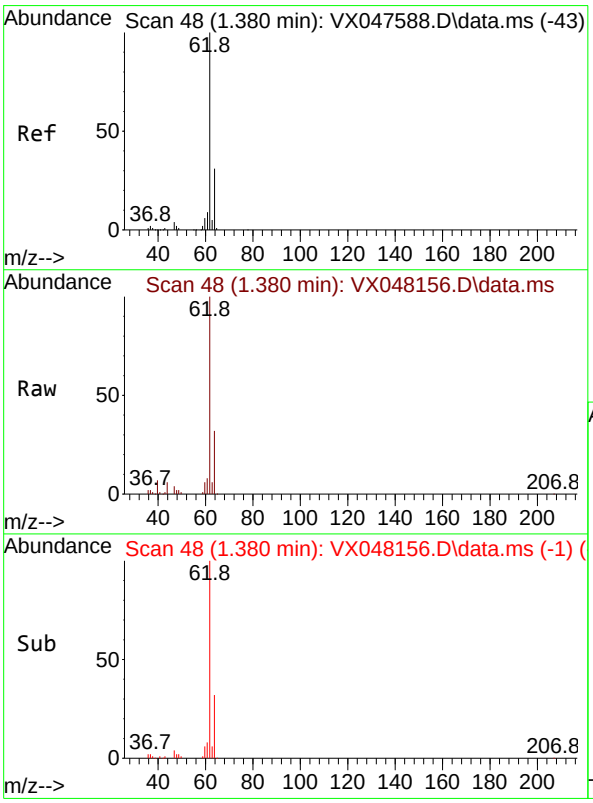
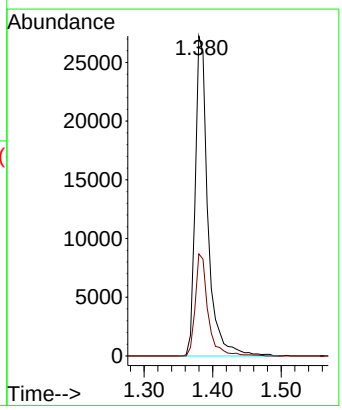
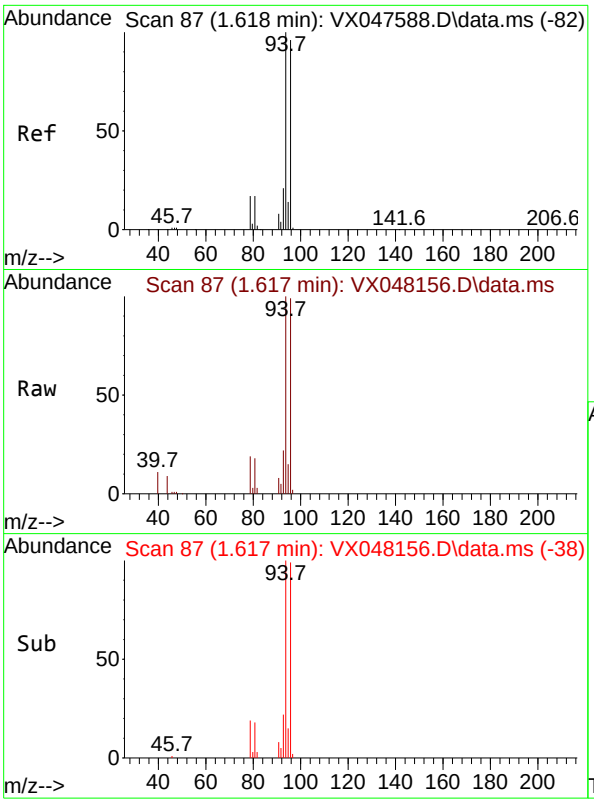


#4
Vinyl Chloride
Concen: 18.533 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 62 Resp: 35065

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.9	37.3

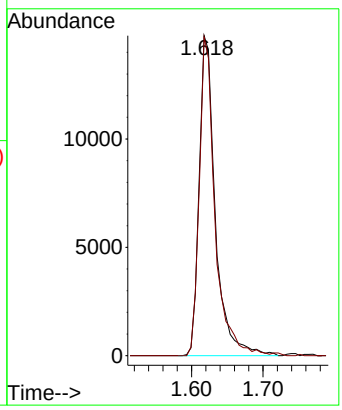




#5
Bromomethane
Concen: 19.313 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 94 Resp: 2317

Ion	Ratio	Lower	Upper
94	100		
96	101.0	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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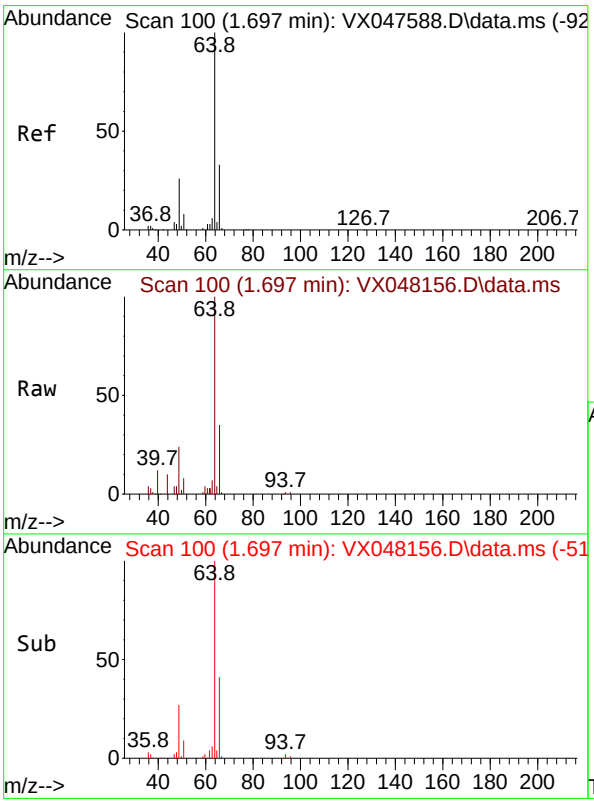
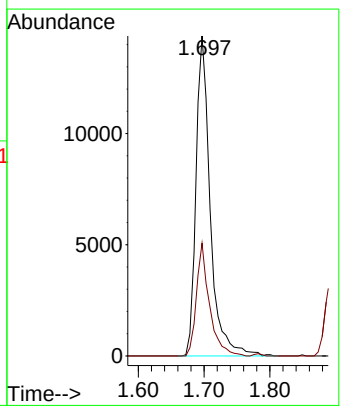
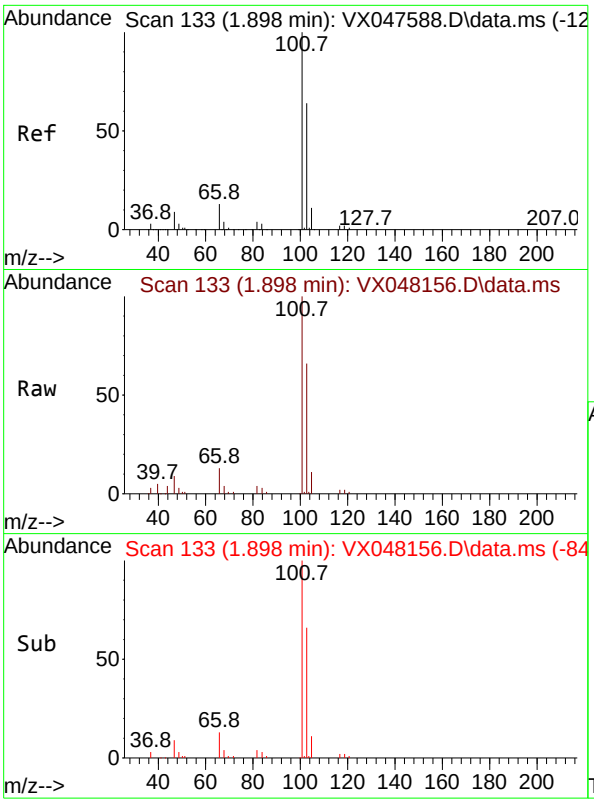


#6
Chloroethane
Concen: 17.096 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 64 Resp: 21619

Ion	Ratio	Lower	Upper
64	100		
66	35.2	26.1	39.1

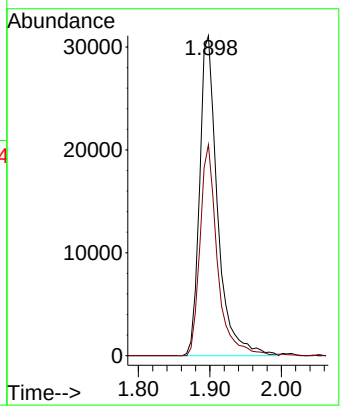




#7
Trichlorofluoromethane
Concen: 19.360 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:101 Resp: 5438

Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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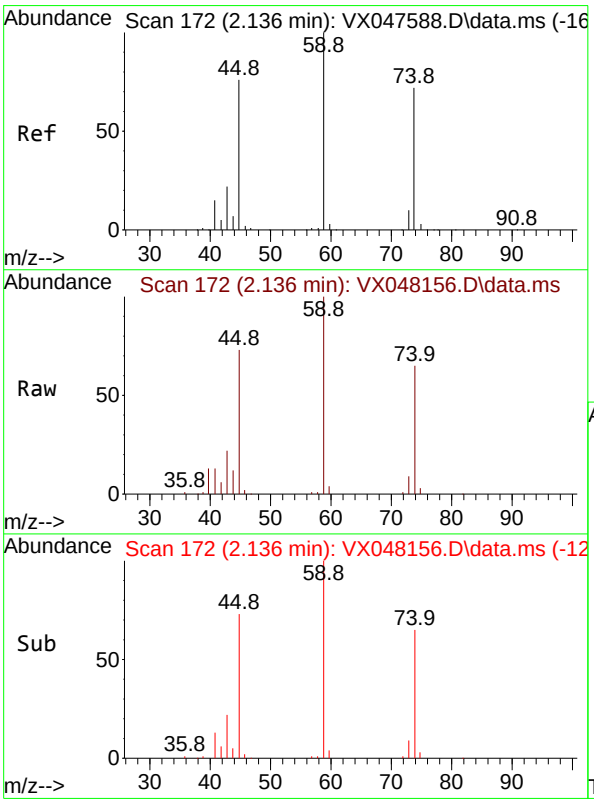
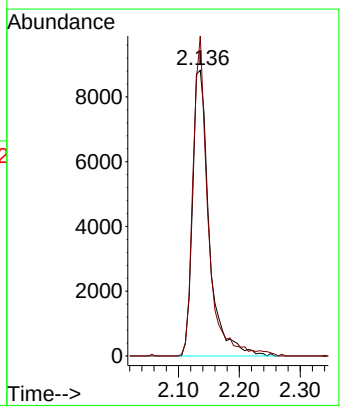
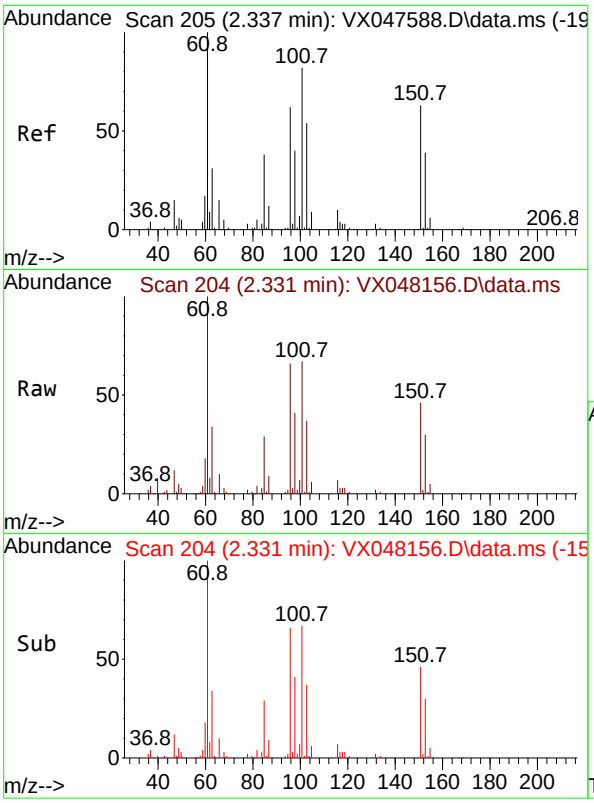


#8
Diethyl Ether
Concen: 14.630 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 74 Resp: 16812

Ion	Ratio	Lower	Upper
74	100		
45	101.6	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.259 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:101 Resp: 3327

Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.5	53.3
151	75.9	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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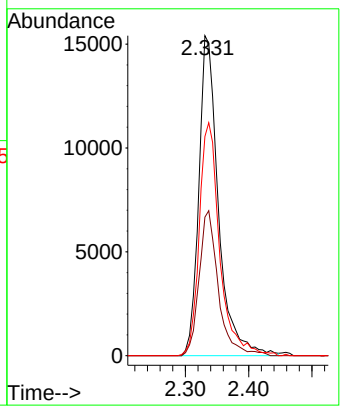
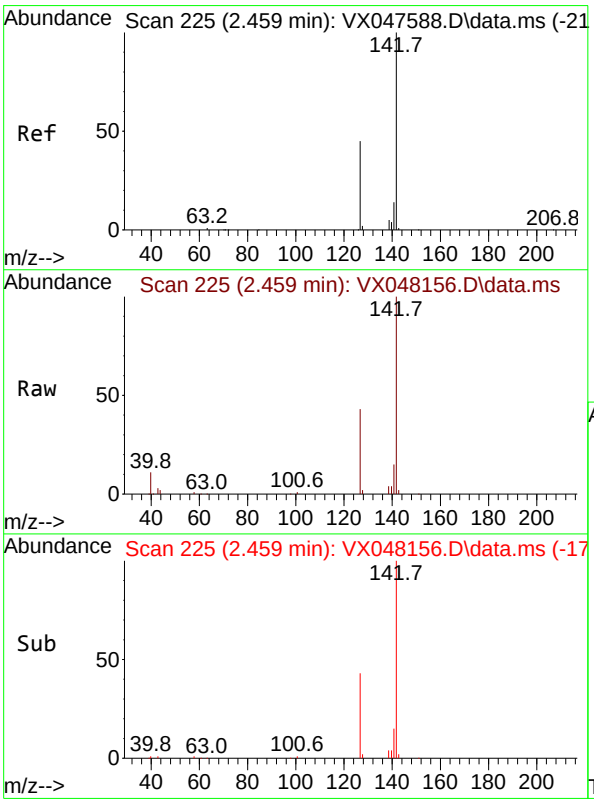
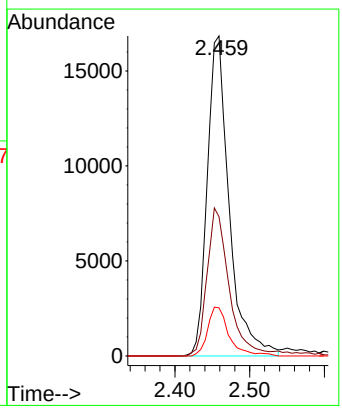


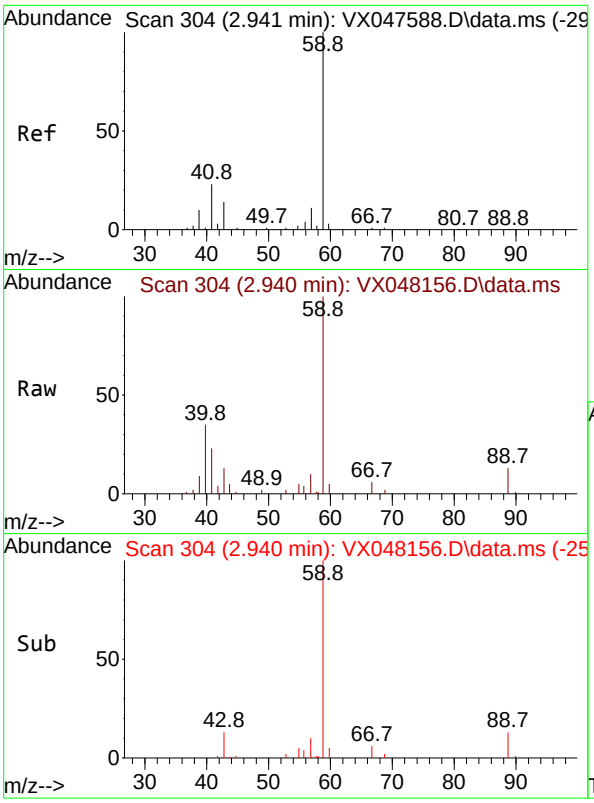


#10
Methyl Iodide
Concen: 13.405 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:142 Resp: 34342

Ion	Ratio	Lower	Upper
142	100		
127	48.1	37.2	55.8
141	14.9	11.4	17.0

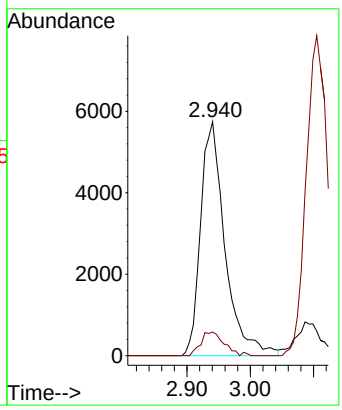




#11
Tert butyl alcohol
Concen: 61.199 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 59 Resp: 1540

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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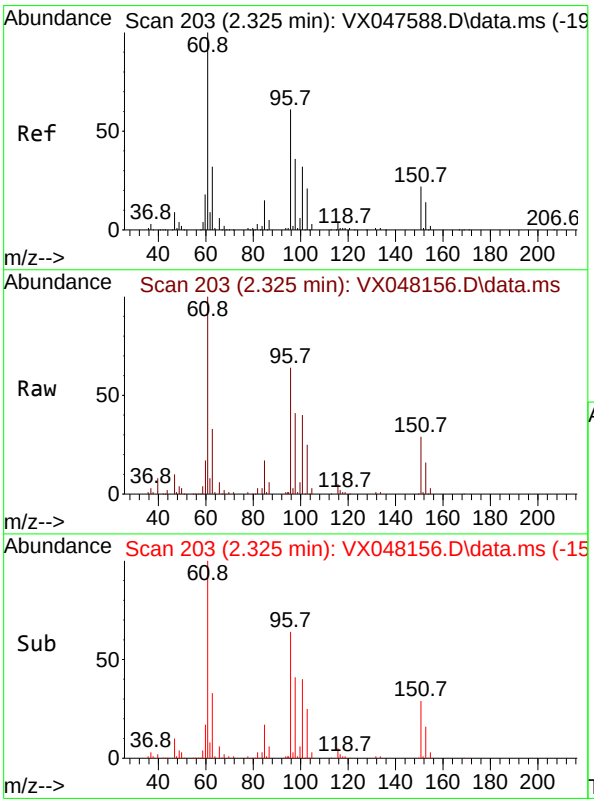
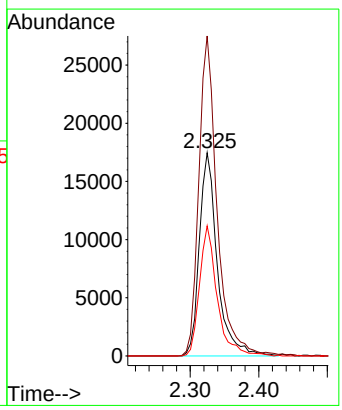
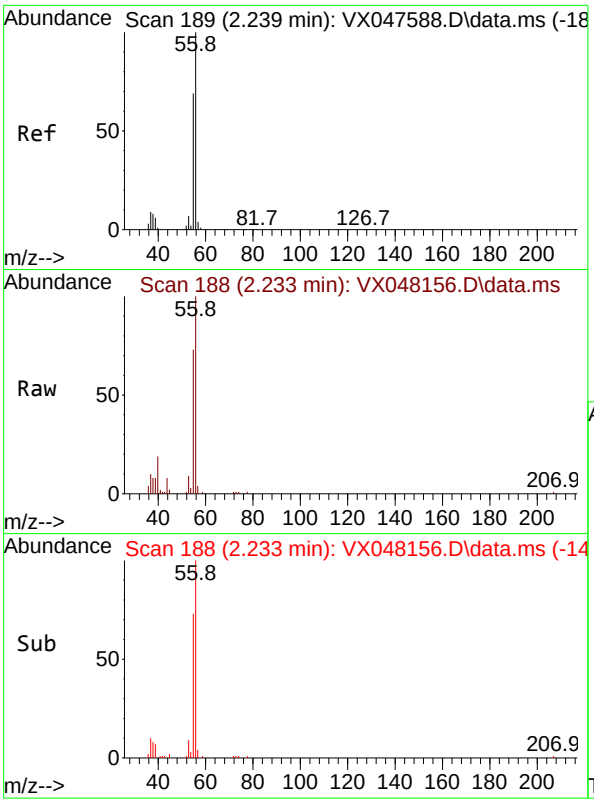


#12
1,1-Dichloroethene
Concen: 18.933 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 96 Resp: 31946

Ion	Ratio	Lower	Upper
96	100		
61	157.4	131.0	196.6
98	64.0	47.7	71.5

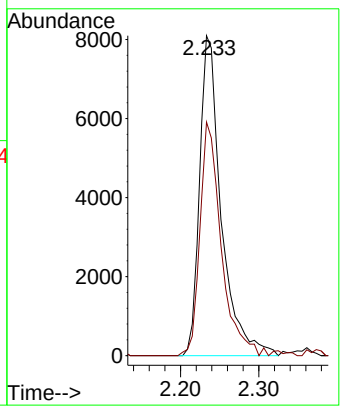




#13
Acrolein
Concen: 66.890 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 56 Resp: 1551

Ion	Ratio	Lower	Upper
56	100		
55	71.8	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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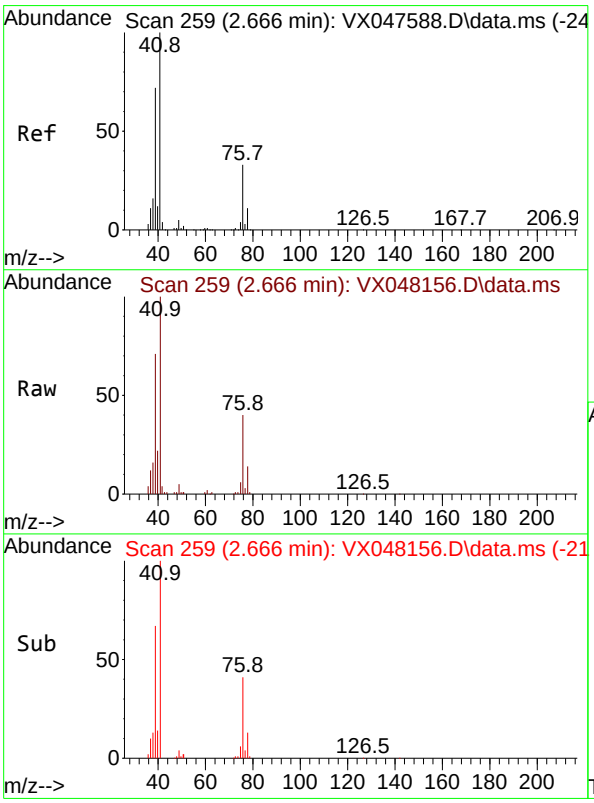
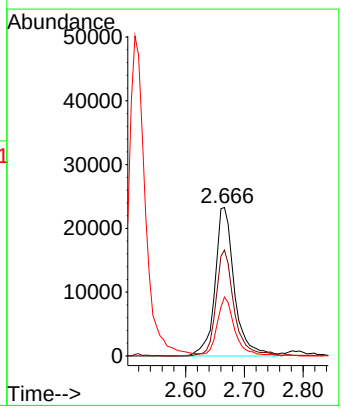
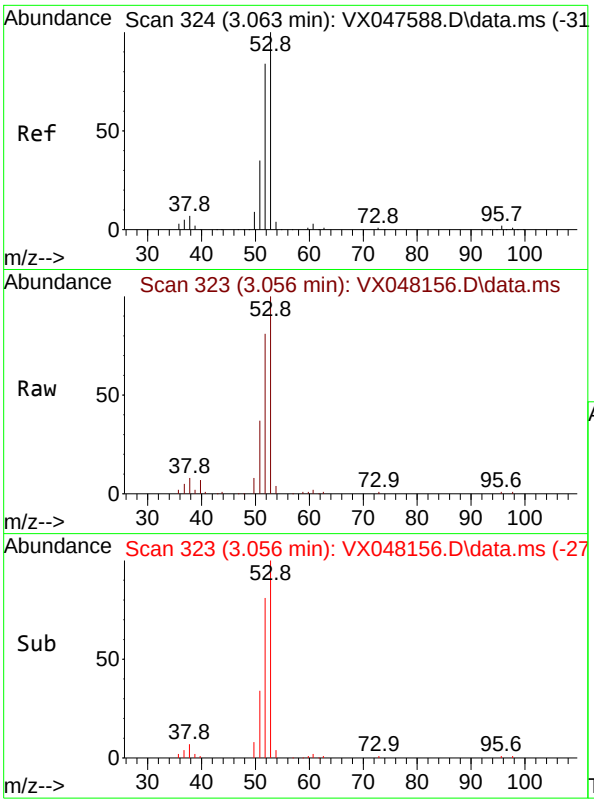


#14
Allyl chloride
Concen: 15.350 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 41 Resp: 53446

Ion	Ratio	Lower	Upper
41	100		
39	66.6	54.7	82.1
76	35.9	25.7	38.5

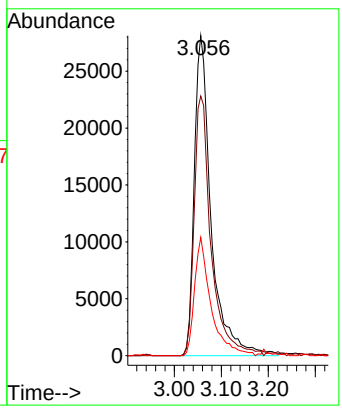




#15
Acrylonitrile
Concen: 75.462 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 53 Resp: 7037

Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.4	99.6
51	36.0	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations
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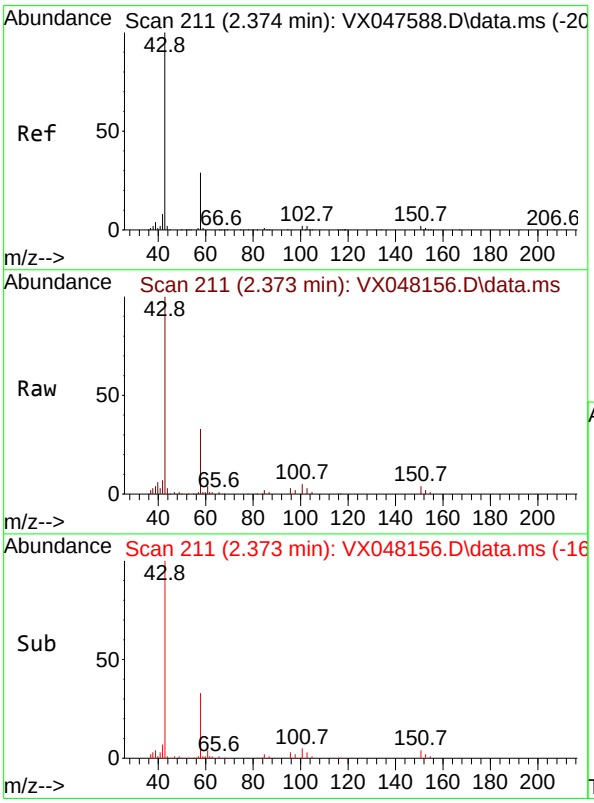
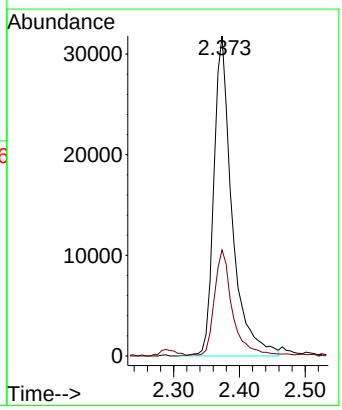
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

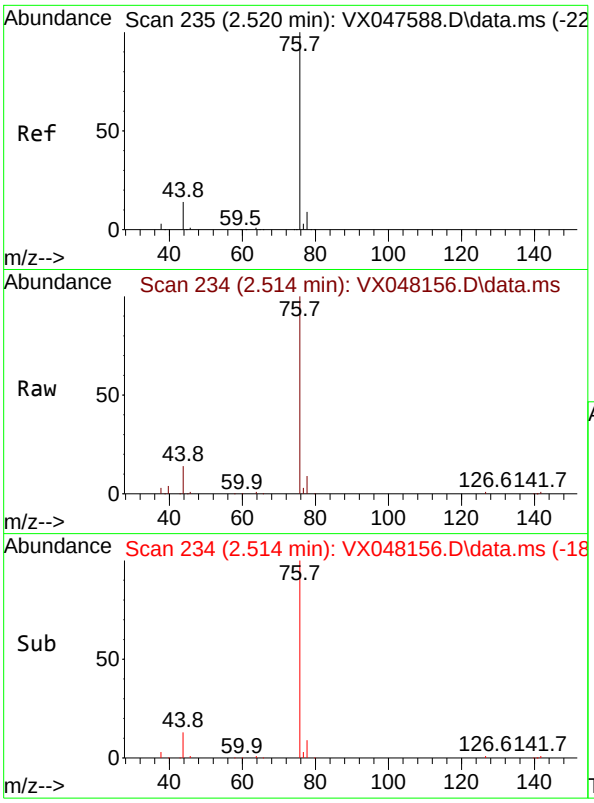


#16
Acetone
Concen: 62.282 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 43 Resp: 61217

Ion	Ratio	Lower	Upper
43	100		
58	32.9	23.4	35.0

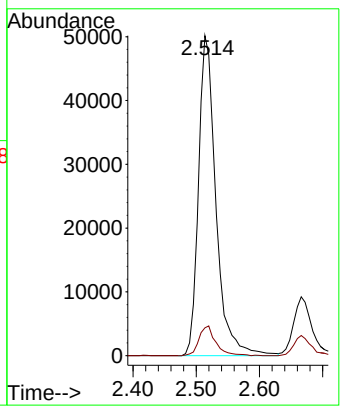




#17
Carbon Disulfide
Concen: 20.853 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 76 Resp: 9632

Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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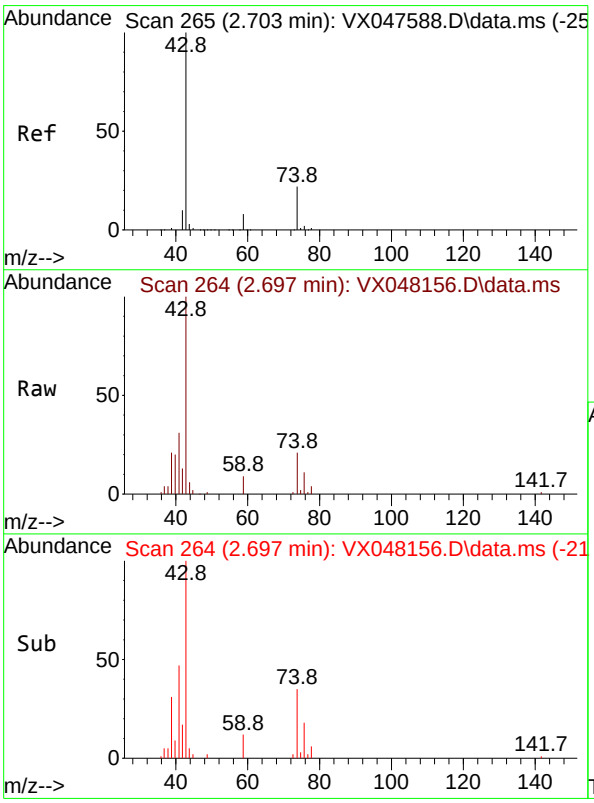
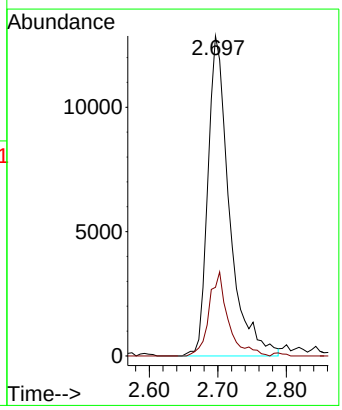
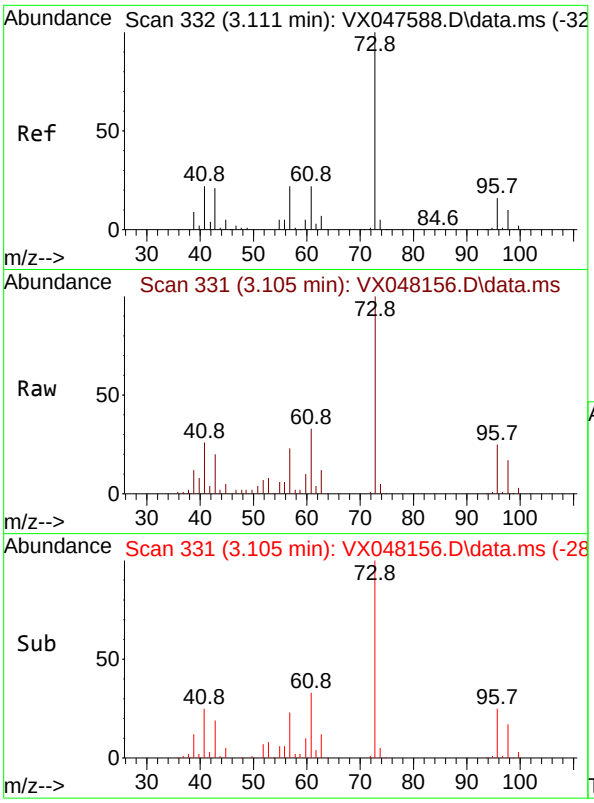


#18
Methyl Acetate
Concen: 12.851 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 43 Resp: 28110

Ion	Ratio	Lower	Upper
43	100		
74	23.4	17.4	26.2

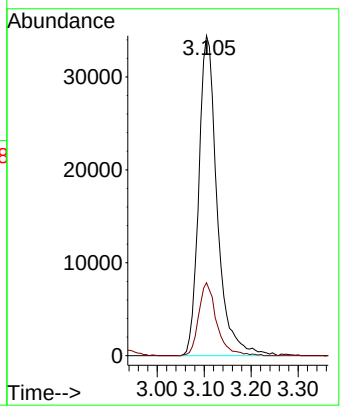




#19
Methyl tert-butyl Ether
Concen: 15.207 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 73 Resp: 9366

Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.4	26.2



Instrument :
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ClientSampleId :
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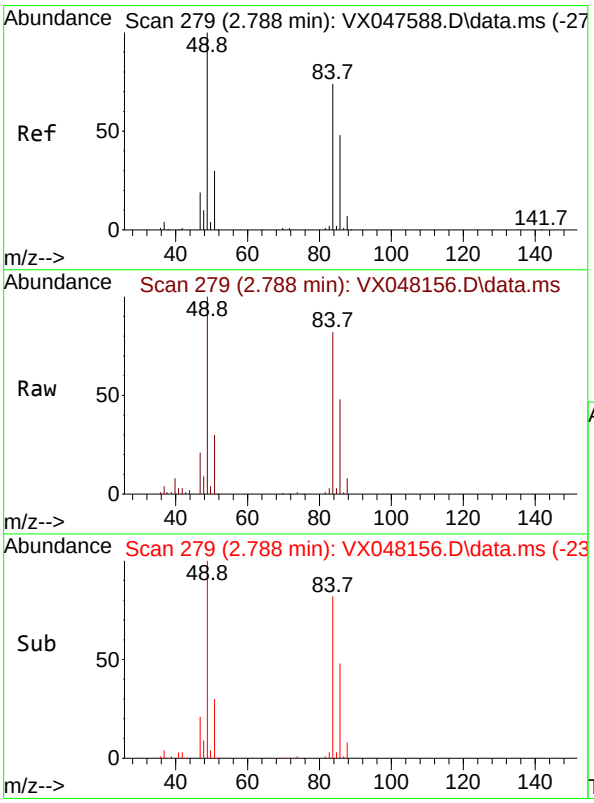
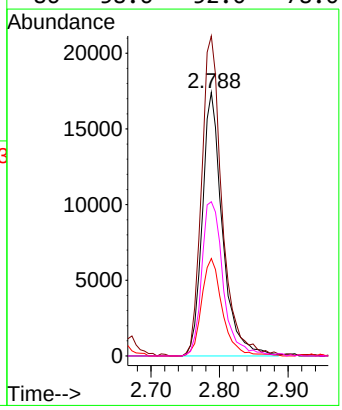
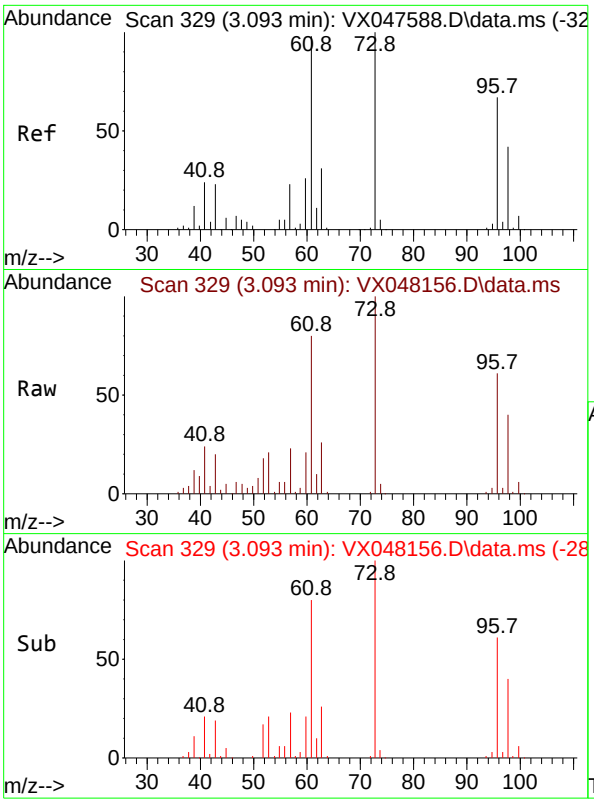


#20
Methylene Chloride
Concen: 17.136 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 84 Resp: 35652

Ion	Ratio	Lower	Upper
84	100		
49	121.5	108.6	162.8
51	37.0	32.6	48.8
86	58.6	52.0	78.0

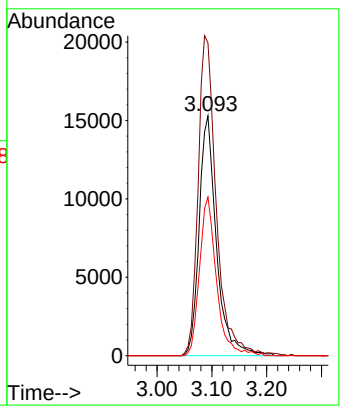




#21
trans-1,2-Dichloroethene
Concen: 18.489 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 96 Resp: 3358

Ion	Ratio	Lower	Upper
96	100		
61	130.5	116.2	174.2
98	67.6	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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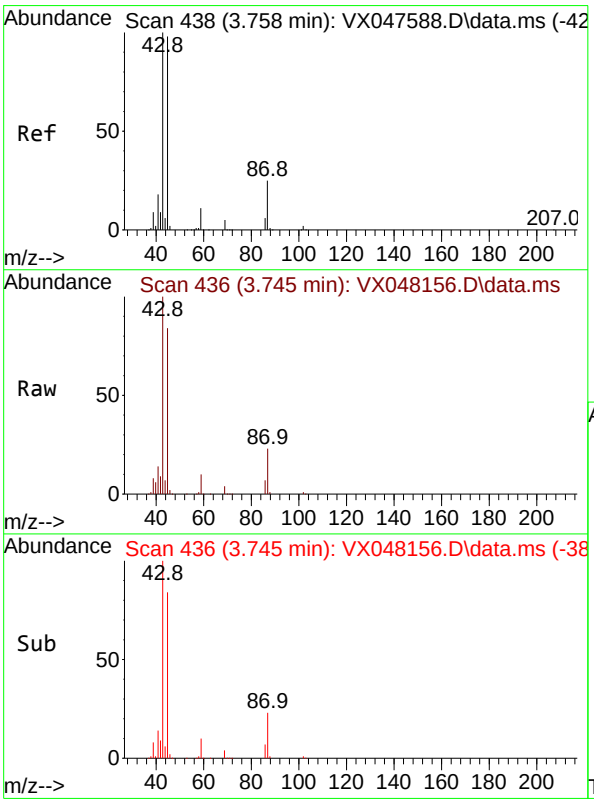
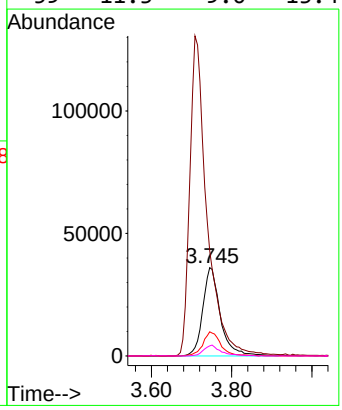
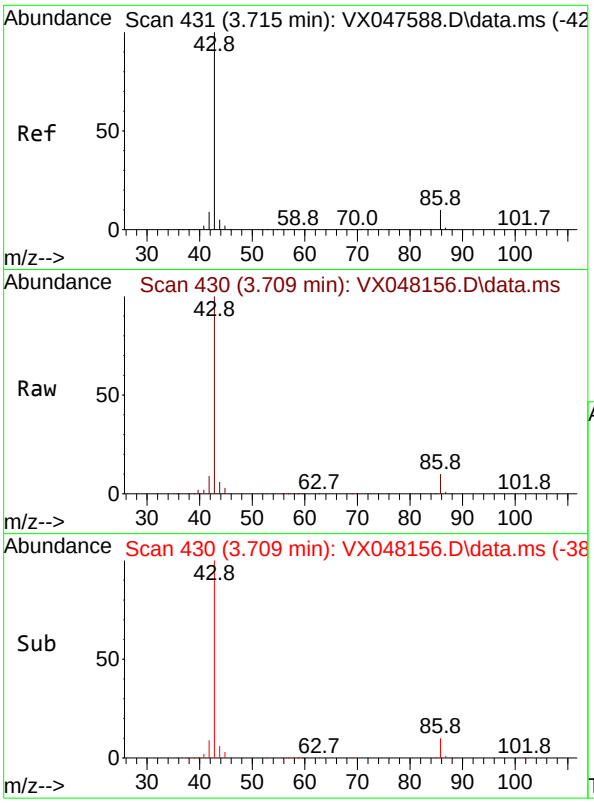


#22
Diisopropyl ether
Concen: 16.264 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 45 Resp: 109745

Ion	Ratio	Lower	Upper
45	100		
43	117.9	81.0	121.4
87	27.3	20.3	30.5
59	11.3	9.0	13.4





#23
Vinyl Acetate
Concen: 72.522 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 43 Resp: 39166

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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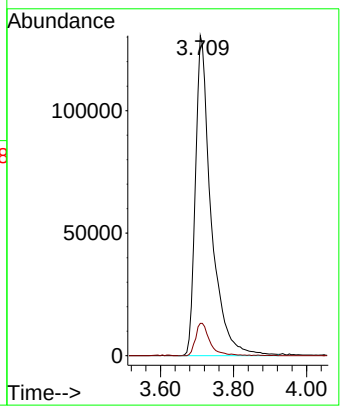
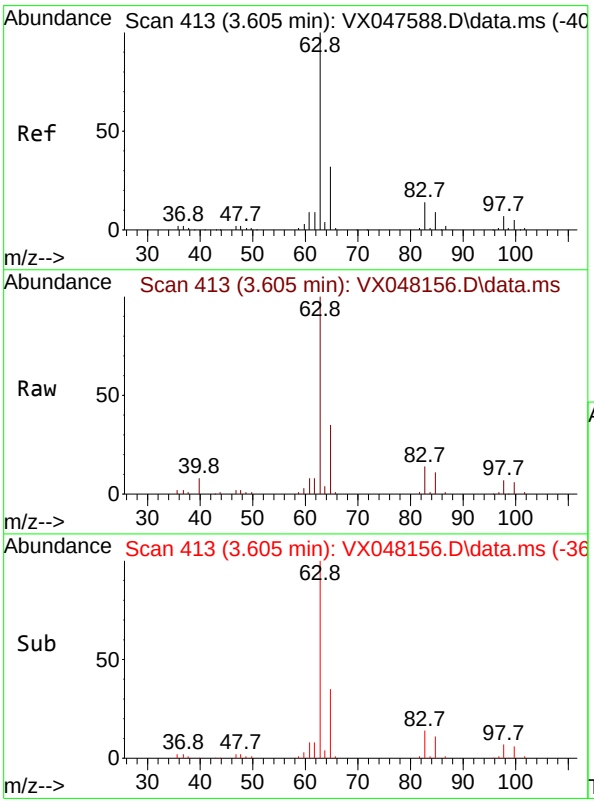
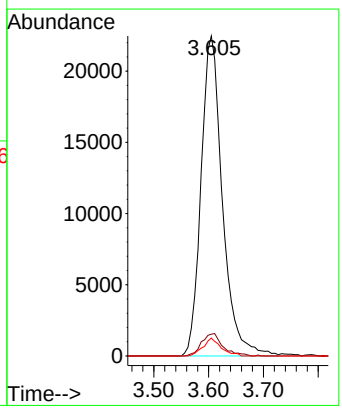


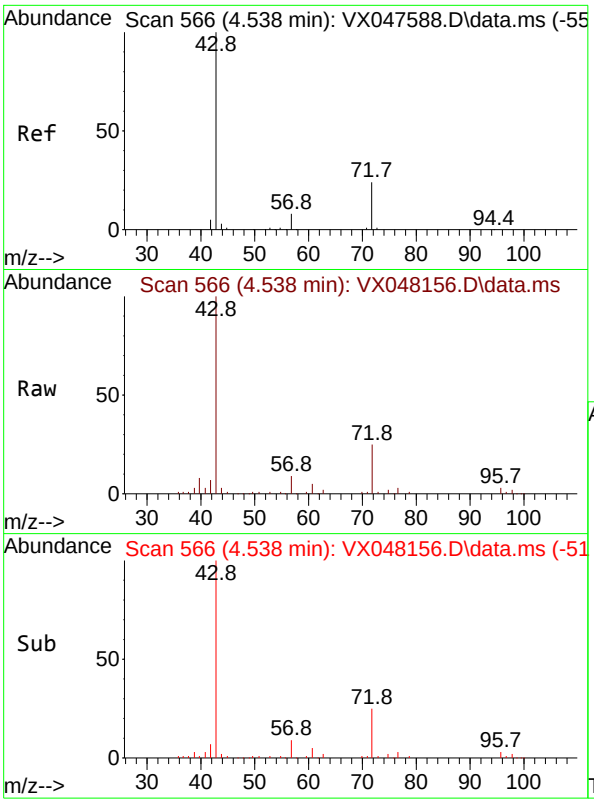


#24
1,1-Dichloroethane
Concen: 16.956 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 63 Resp: 60815

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.8	11.2
100	5.6	2.3	6.9

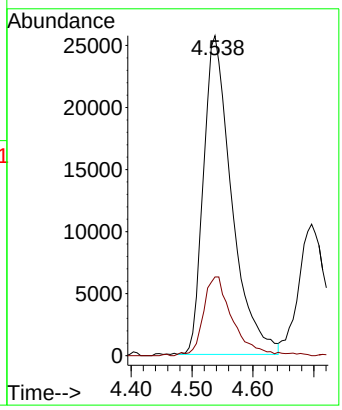




#25
2-Butanone
Concen: 67.415 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 43 Resp: 8265

Ion	Ratio	Lower	Upper
43	100		
72	24.2	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
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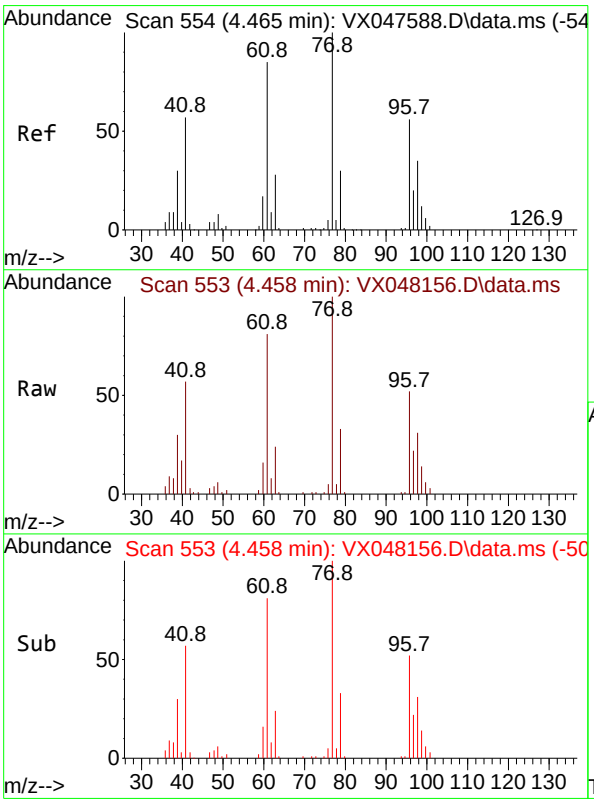
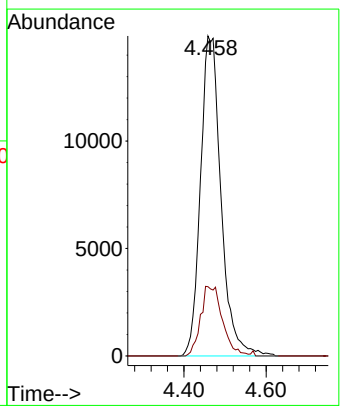
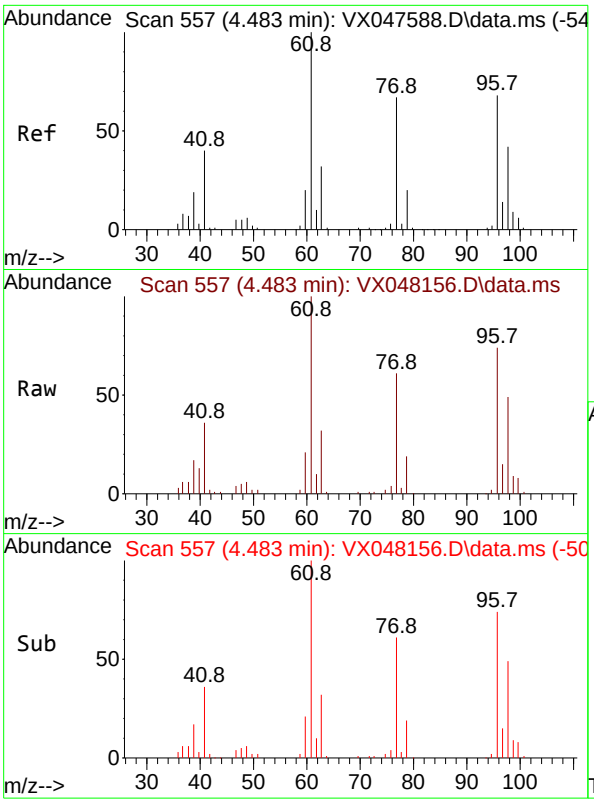


#26
2,2-Dichloropropane
Concen: 17.318 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 77 Resp: 51631

Ion	Ratio	Lower	Upper
77	100		
97	23.0	10.9	32.7

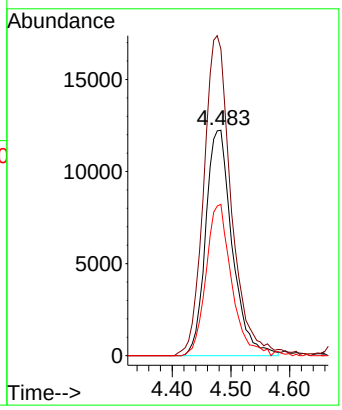




#27
cis-1,2-Dichloroethene
Concen: 17.250 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 96 Resp: 3837

Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	303.2
98	64.7	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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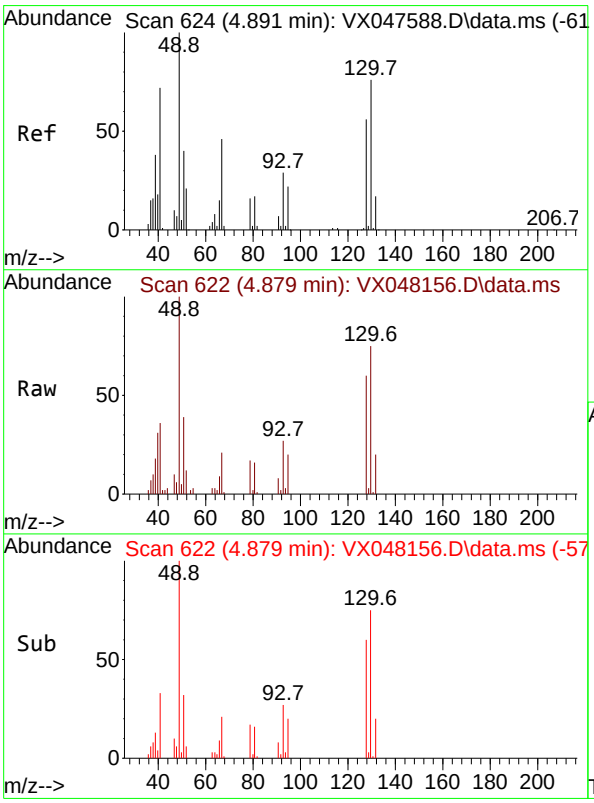
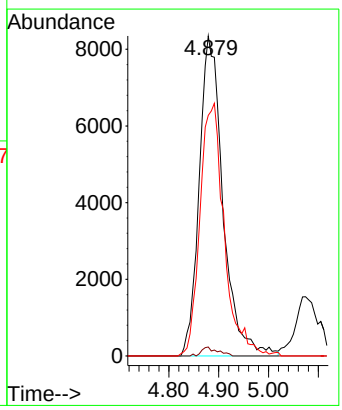
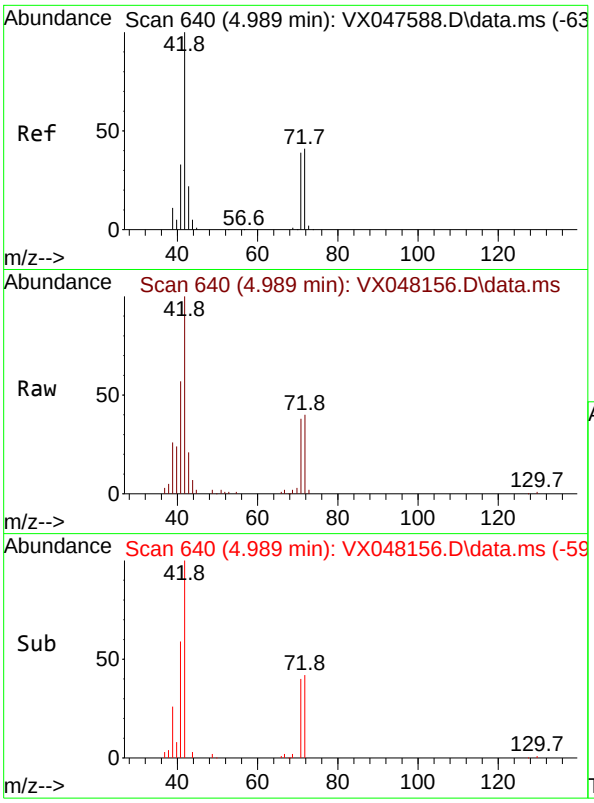


#28
Bromochloromethane
Concen: 17.651 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 49 Resp: 27637

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	80.3	57.8	86.8





#29
Tetrahydrofuran
Concen: 67.795 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 42 Resp: 5000

Ion	Ratio	Lower	Upper
42	100		
72	44.4	34.2	51.2
71	40.0	31.9	47.9

Instrument :
MSVOA_X
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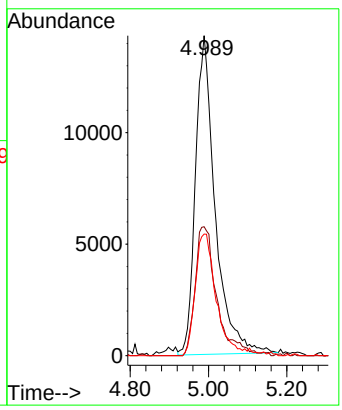
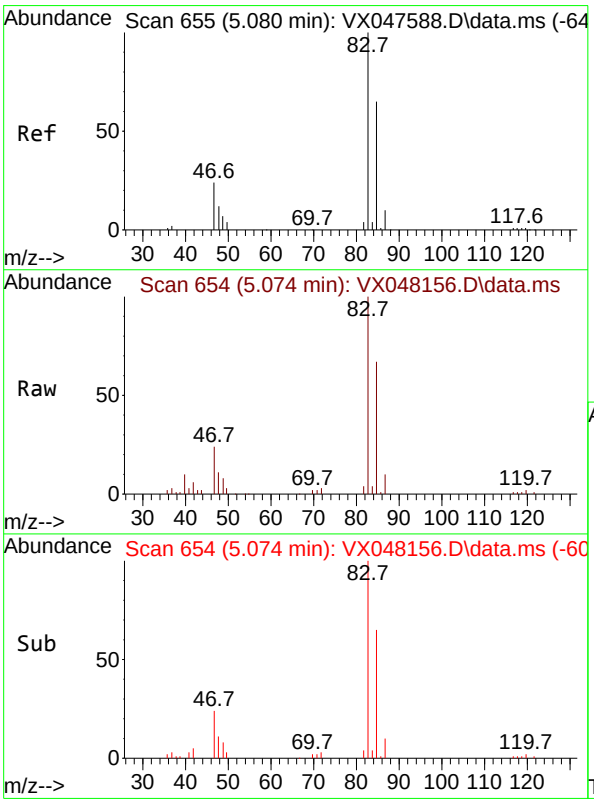
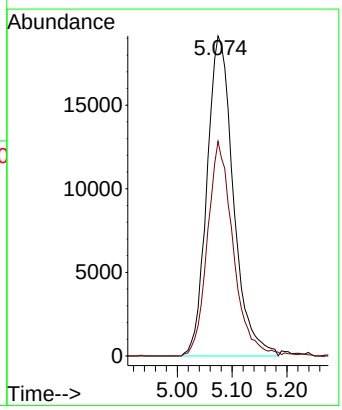


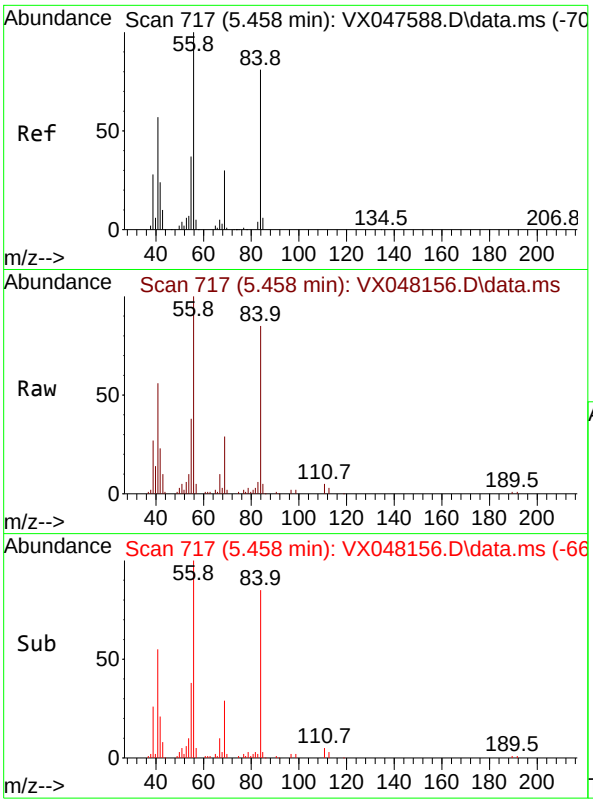


#30
Chloroform
Concen: 17.645 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 83 Resp: 63951

Ion	Ratio	Lower	Upper
83	100		
85	67.1	51.8	77.6

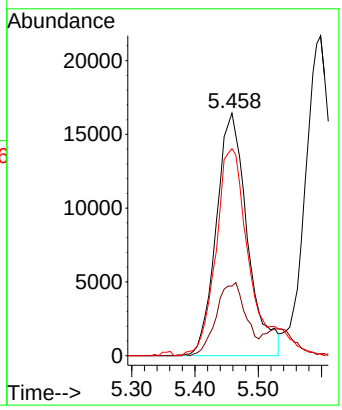




#31
Cyclohexane
Concen: 18.752 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 56 Resp: 5601

Ion	Ratio	Lower	Upper
56	100		
69	28.4	23.8	35.8
84	85.3	64.6	97.0



Instrument :
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ClientSampleId :
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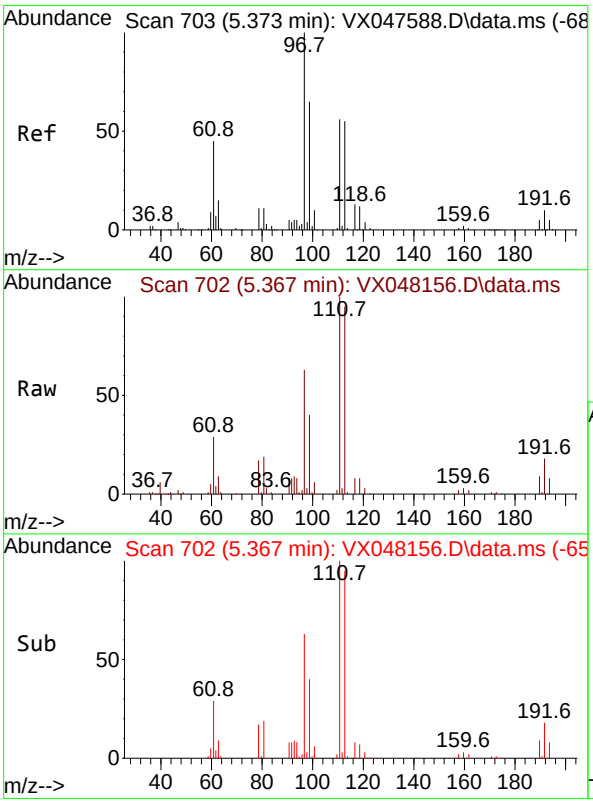
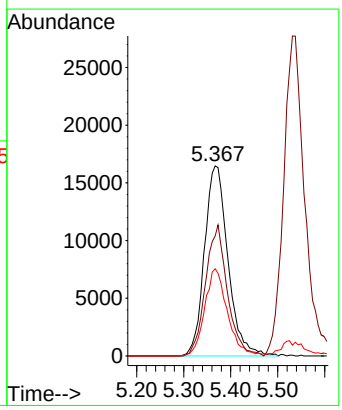
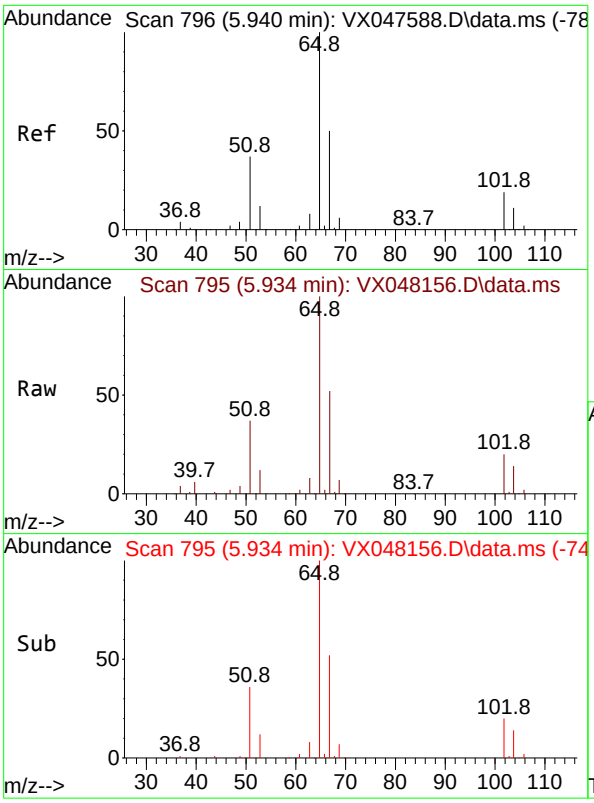


#32
1,1,1-Trichloroethane
Concen: 18.596 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 97 Resp: 57168

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	76.0
61	44.4	35.8	53.8

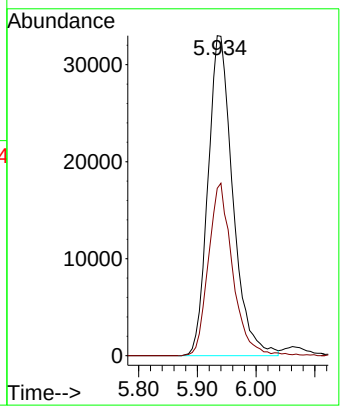




#33
1,2-Dichloroethane-d4
Concen: 42.787 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 65 Resp: 9672

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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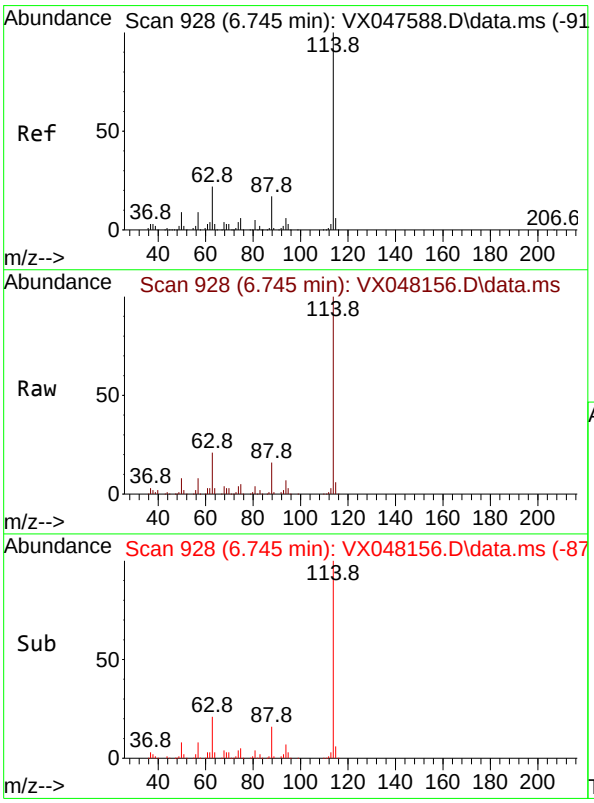
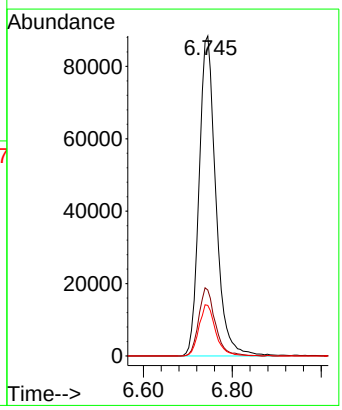
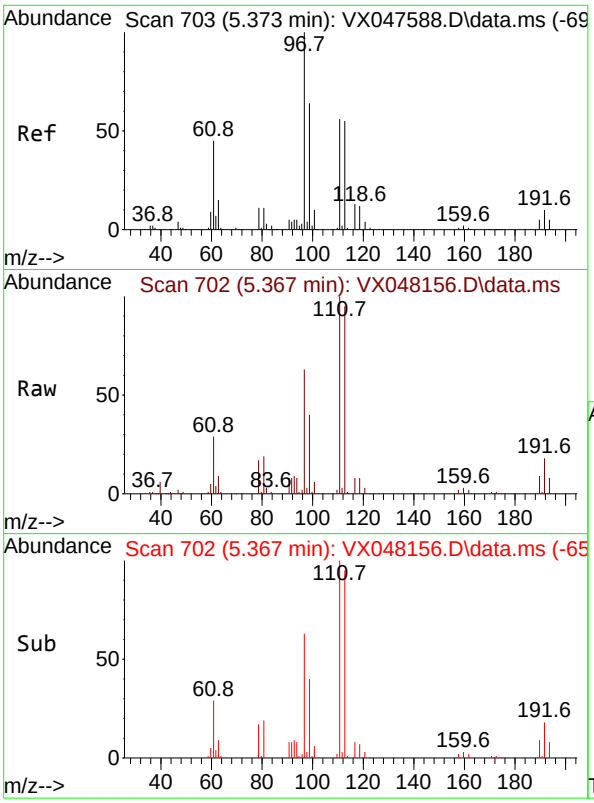


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:114 Resp: 232029

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	44.0
88	15.8	0.0	34.2

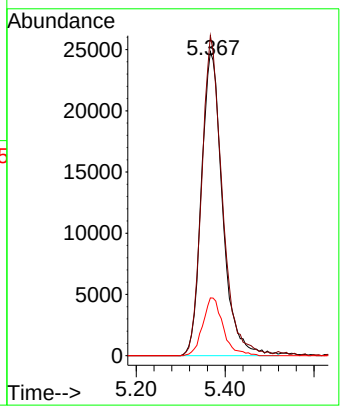




#35
Dibromofluoromethane
Concen: 52.524 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:113 Resp: 8173

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.9	121.3
192	18.5	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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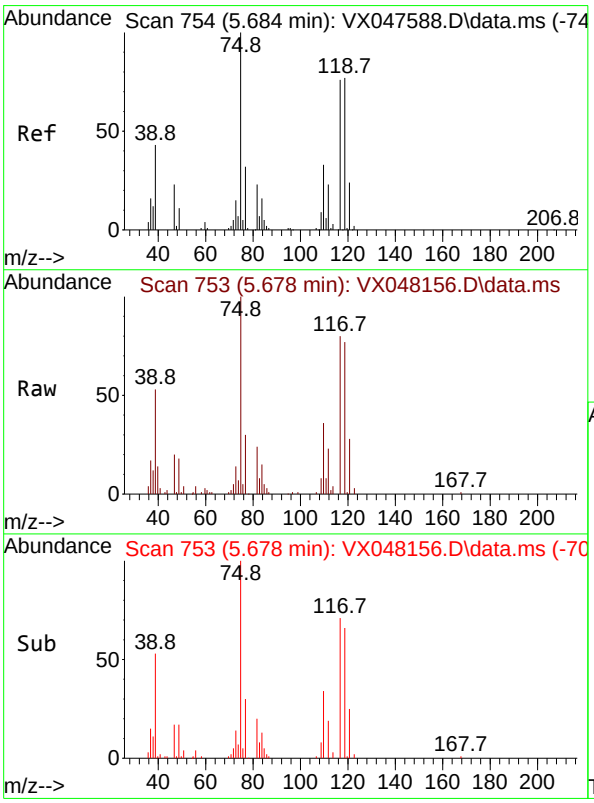
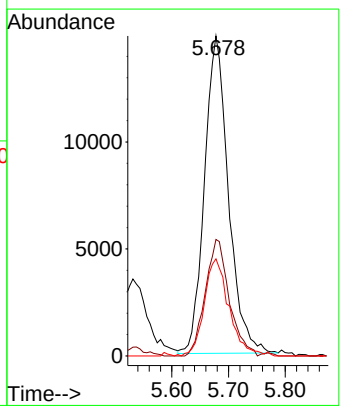
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

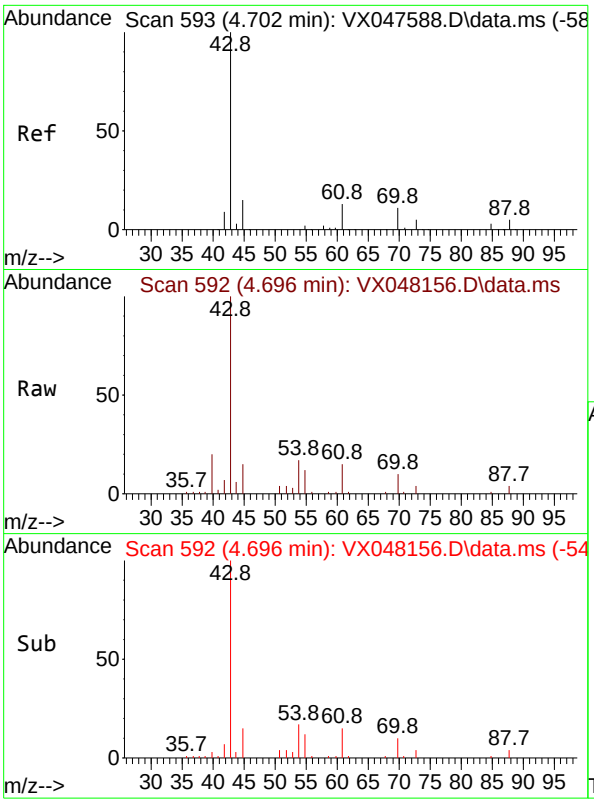


#36
1,1-Dichloropropene
Concen: 19.129 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 75 Resp: 43496

Ion	Ratio	Lower	Upper
75	100		
110	36.8	16.7	50.1
77	31.8	24.3	36.5

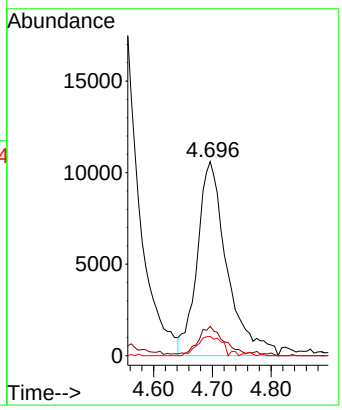




#37
Ethyl Acetate
Concen: 15.266 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 43 Resp: 3716

Ion	Ratio	Lower	Upper
43	100		
61	11.3	9.8	14.8
70	8.5	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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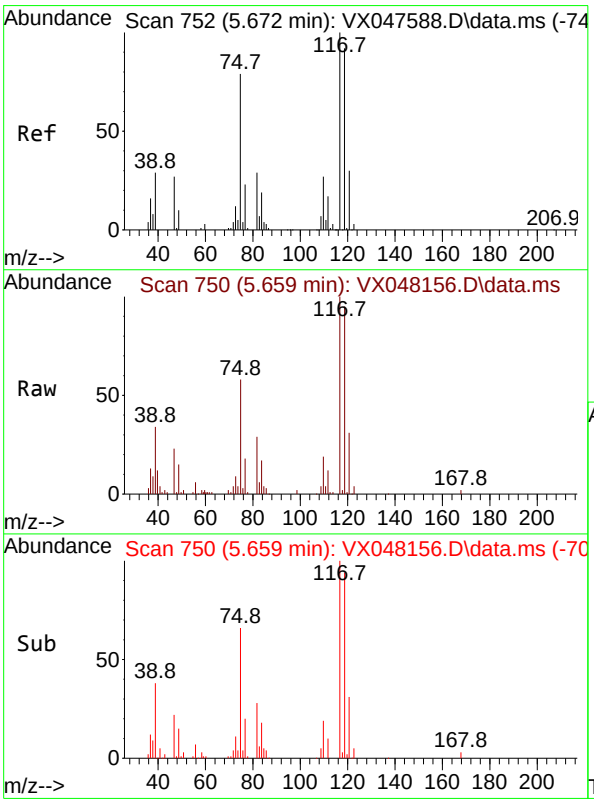
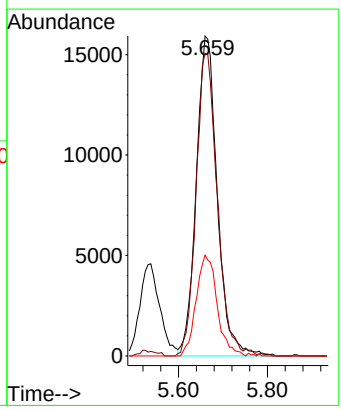
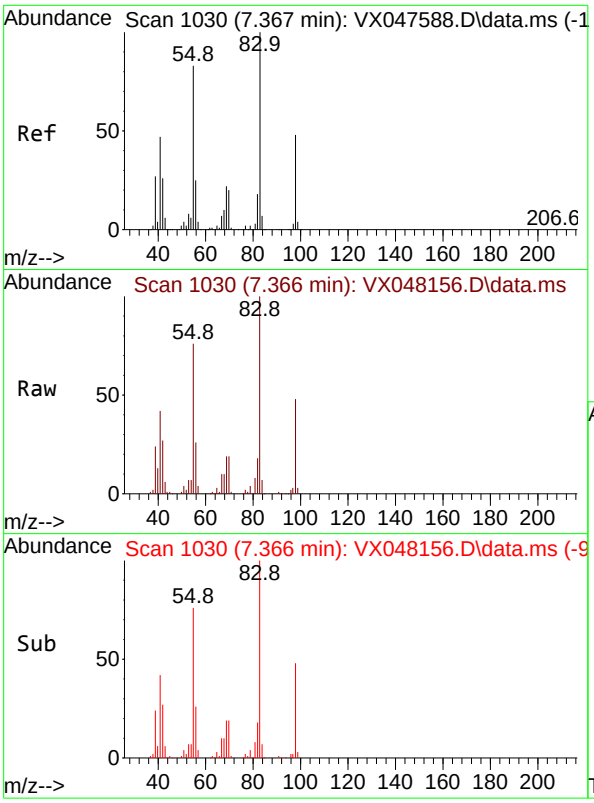


#38
Carbon Tetrachloride
Concen: 21.245 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:117 Resp: 52488

Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.4	110.2
121	31.5	23.8	35.6

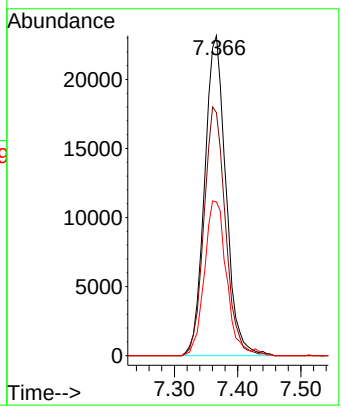




#39
Methylcyclohexane
Concen: 20.992 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 83 Resp: 5418

Ion	Ratio	Lower	Upper
83	100		
55	75.9	66.4	99.6
98	48.0	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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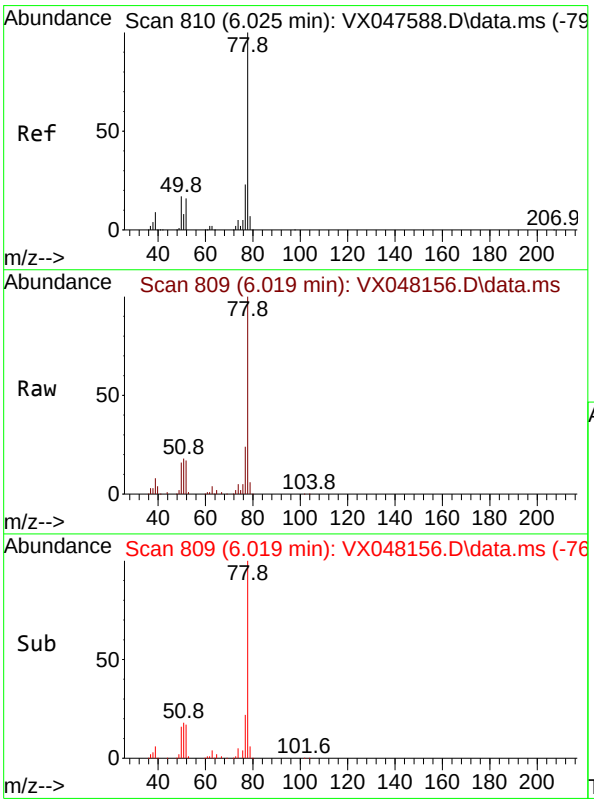
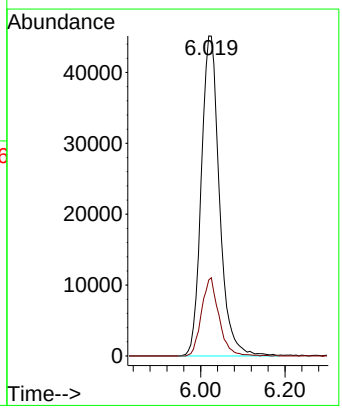
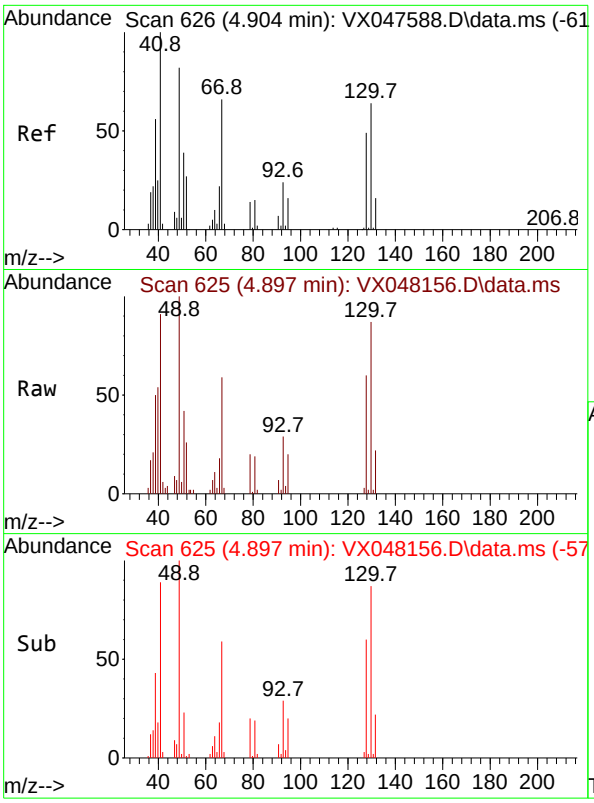


#40
Benzene
Concen: 19.591 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 78 Resp: 135301

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2

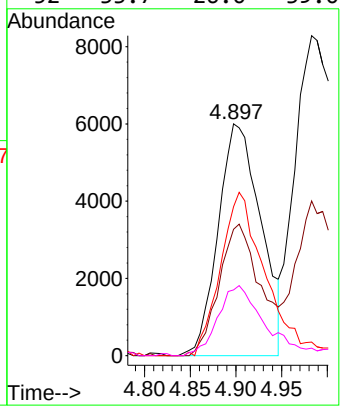




#41
Methacrylonitrile
Concen: 15.545 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 41 Resp: 1953

Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	73.9	58.6	87.8
52	33.7	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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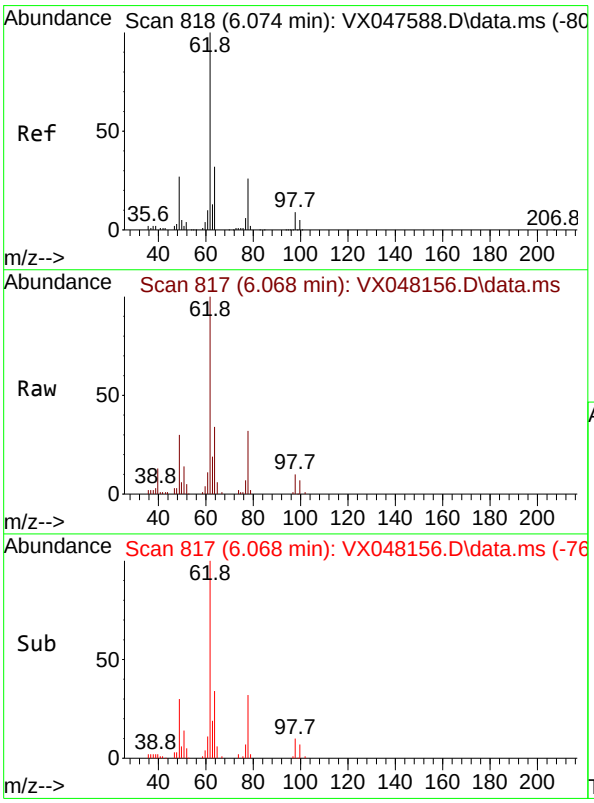
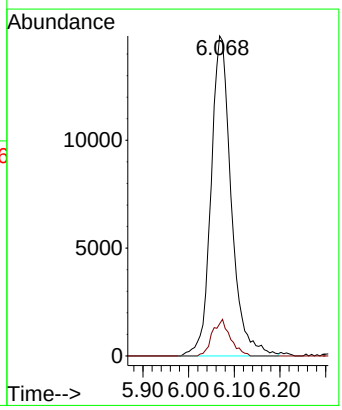
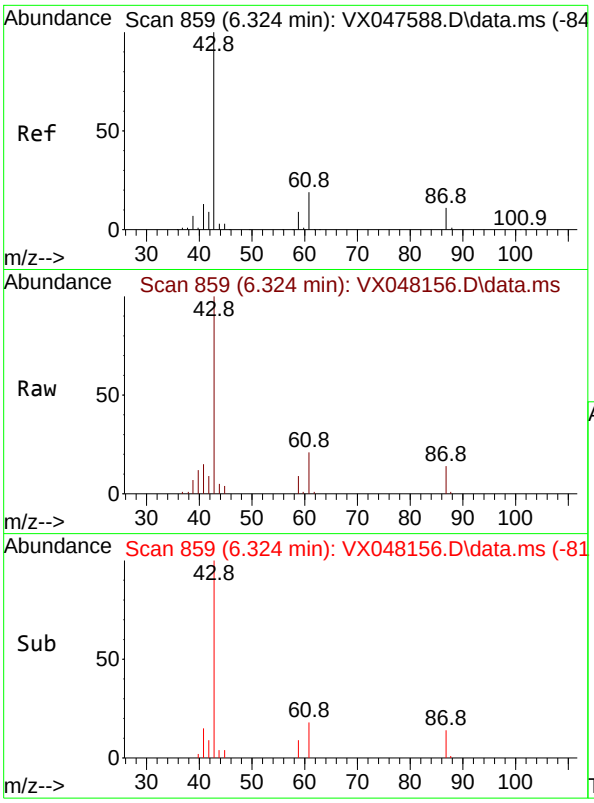


#42
1,2-Dichloroethane
Concen: 17.416 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 62 Resp: 45764

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	17.0

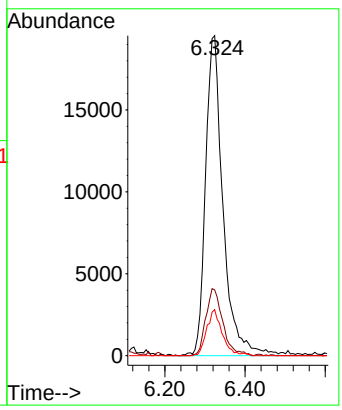




#43
Isopropyl Acetate
Concen: 14.758 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 43 Resp: 5892

Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.2	22.8
87	12.7	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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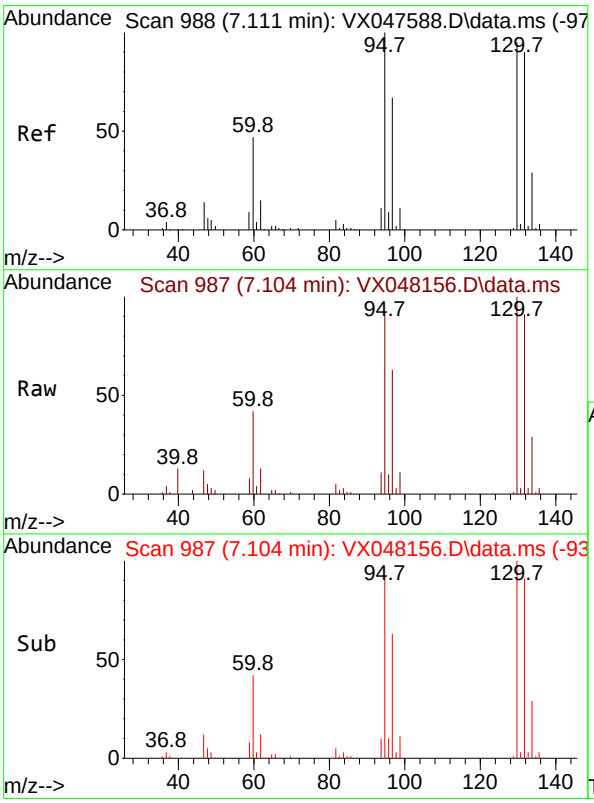
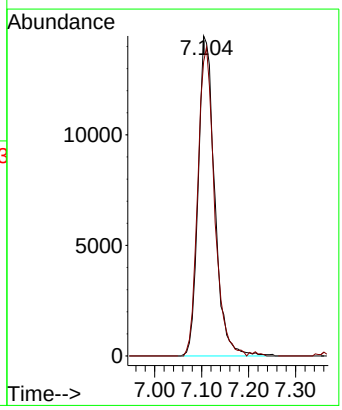
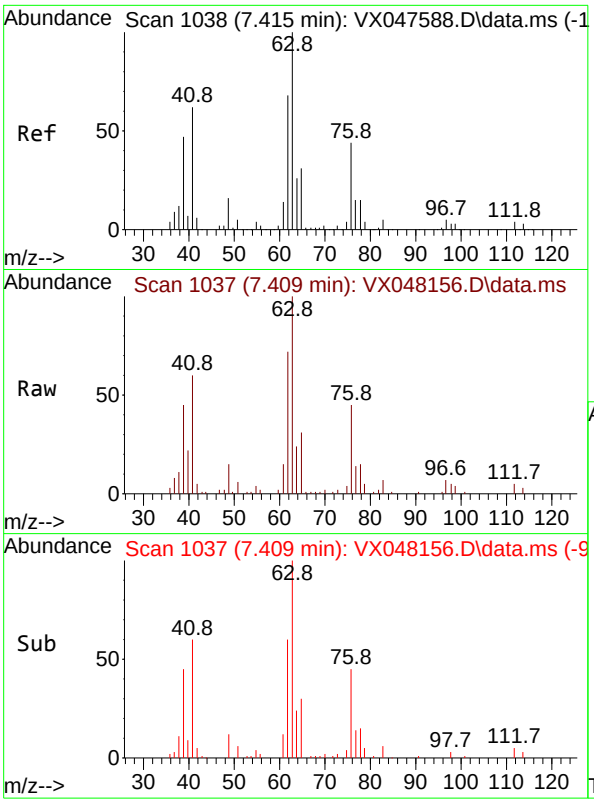


#44
Trichloroethene
Concen: 21.065 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:130 Resp: 35172

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	210.8

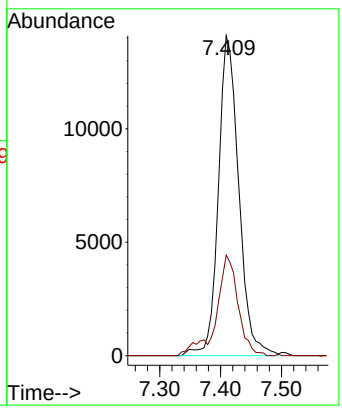




#45
1,2-Dichloropropane
Concen: 18.562 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 63 Resp: 3282

Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations
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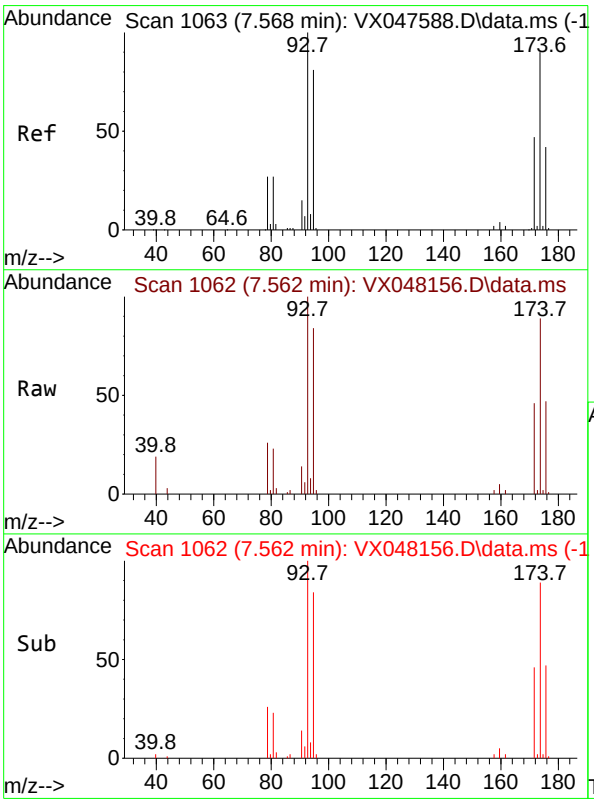
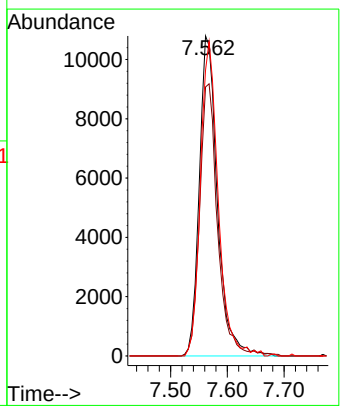
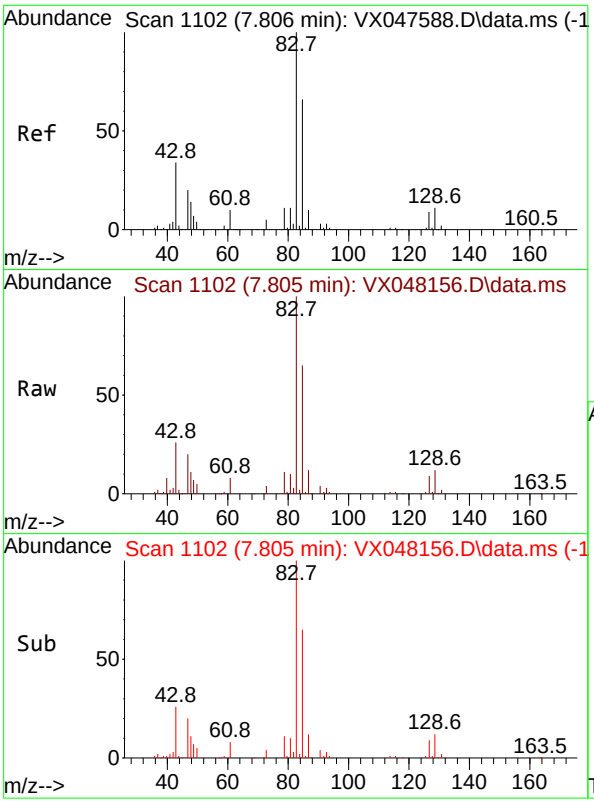


#46
Dibromomethane
Concen: 18.587 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 93 Resp: 23919

Ion	Ratio	Lower	Upper
93	100		
95	84.6	65.0	97.6
174	96.9	71.6	107.4

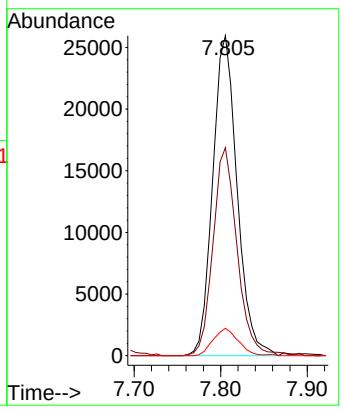




#47
Bromodichloromethane
Concen: 19.128 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 83 Resp: 5079

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7
127	8.6	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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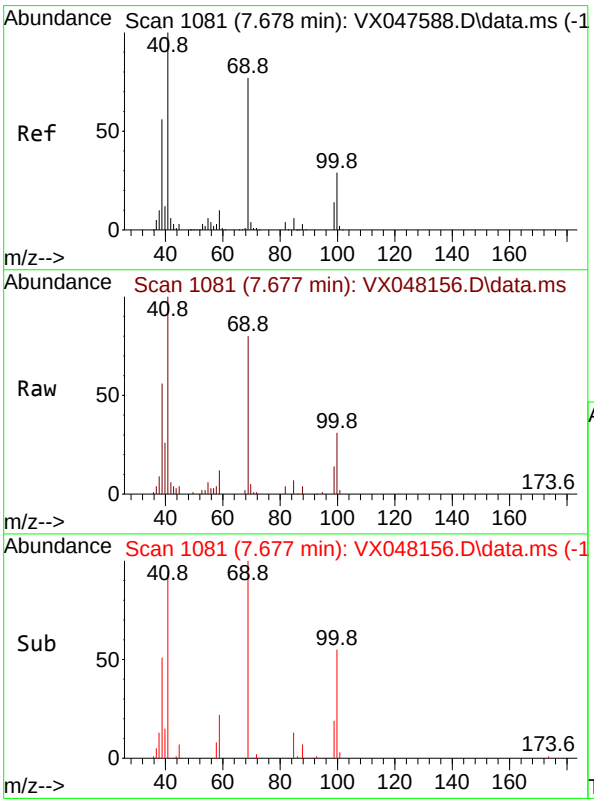
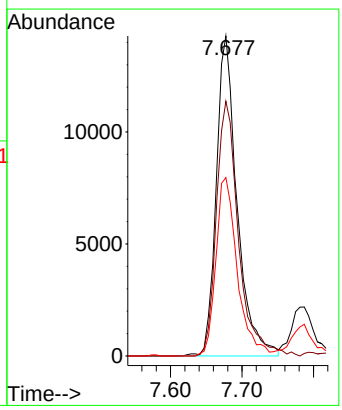
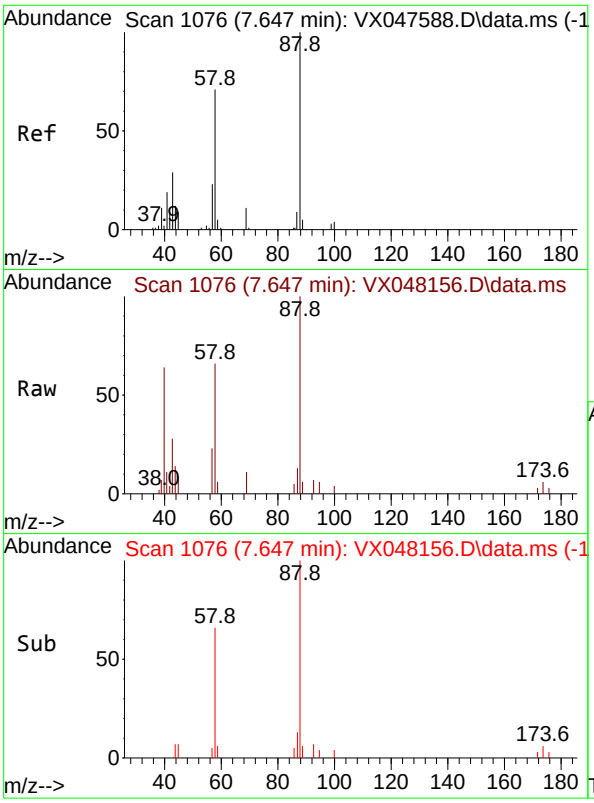


#48
Methyl methacrylate
Concen: 14.493 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 41 Resp: 28826

Ion	Ratio	Lower	Upper
41	100		
69	84.6	61.4	92.2
39	57.5	45.8	68.6

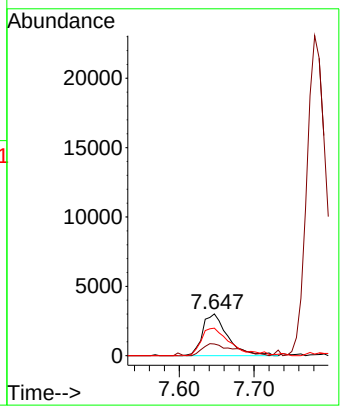




#49
1,4-Dioxane
Concen: 347.954 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 88 Resp: 699

Ion	Ratio	Lower	Upper
88	100		
43	37.4	30.2	45.2
58	77.1	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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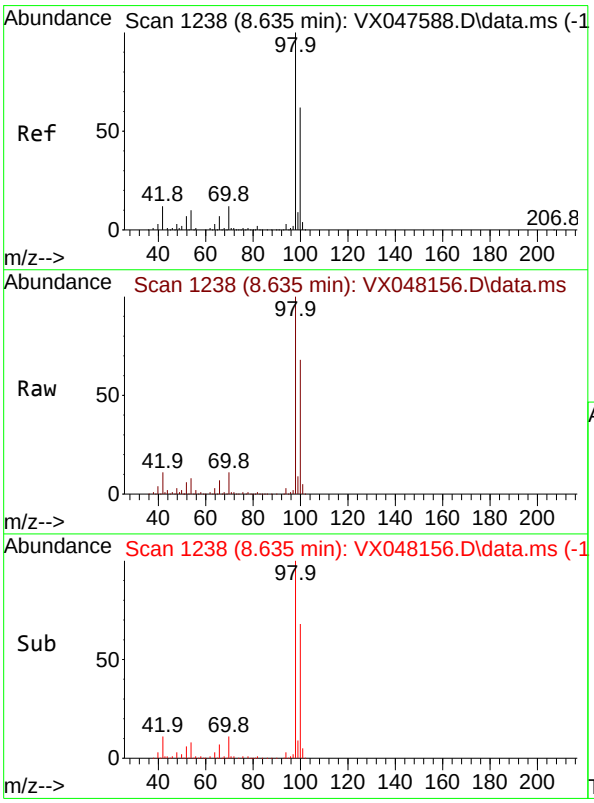
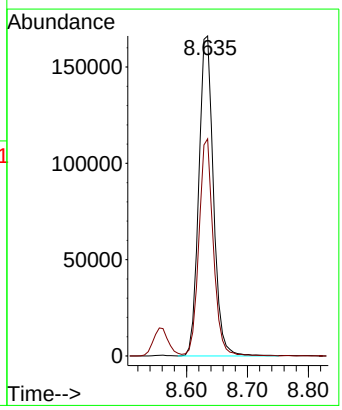
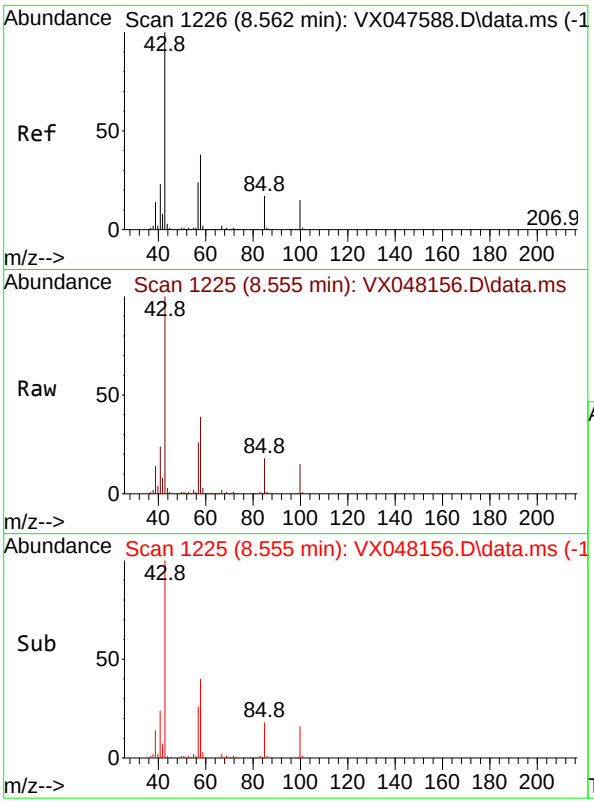


#50
Toluene-d8
Concen: 51.603 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 98 Resp: 277852

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

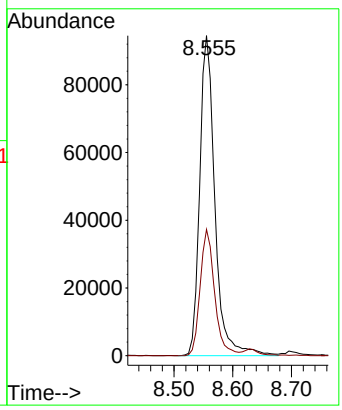




#51
4-Methyl-2-Pentanone
Concen: 76.874 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 43 Resp: 17018

Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations
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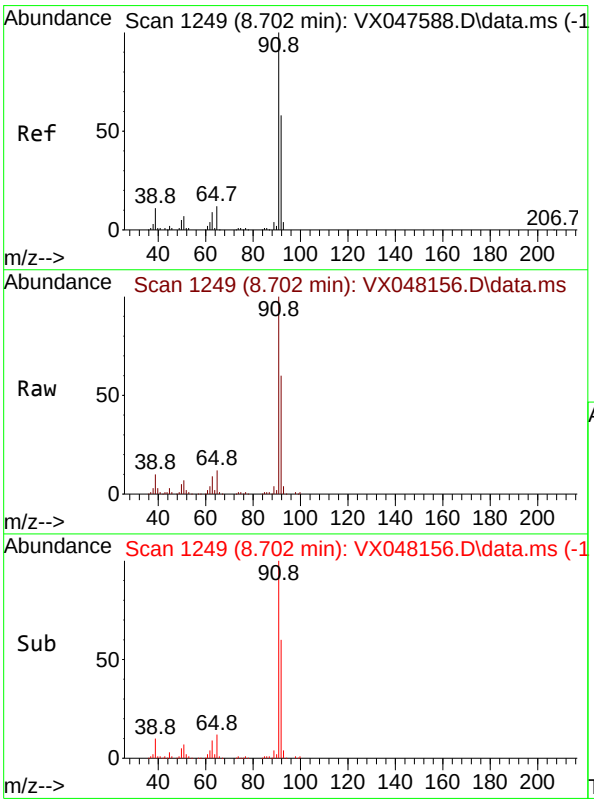
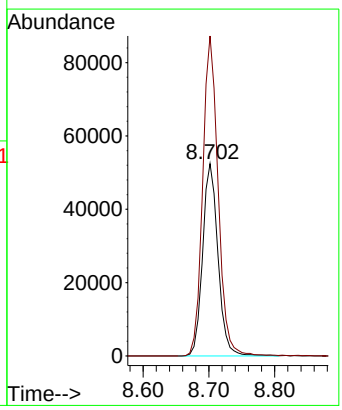
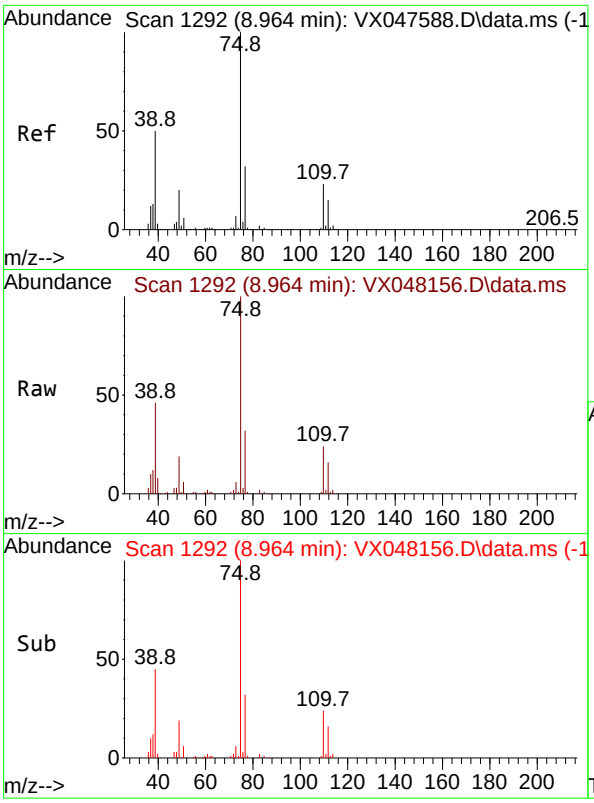


#52
Toluene
Concen: 20.024 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 92 Resp: 85201

Ion	Ratio	Lower	Upper
92	100		
91	167.3	137.1	205.7

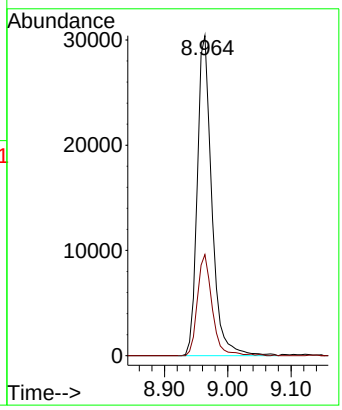




#53
t-1,3-Dichloropropene
Concen: 17.984 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 75 Resp: 4871

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations
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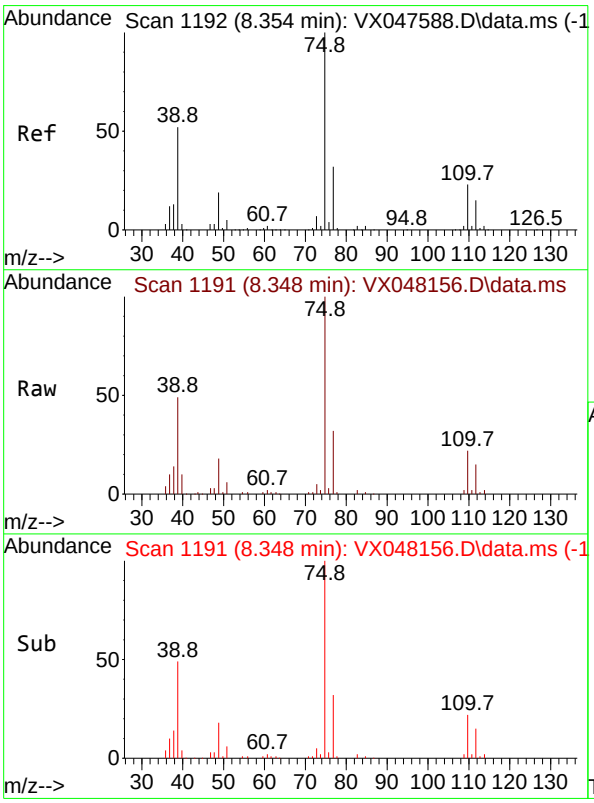
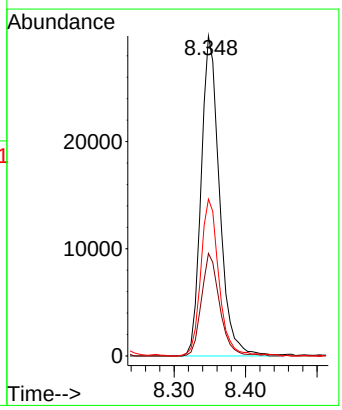
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

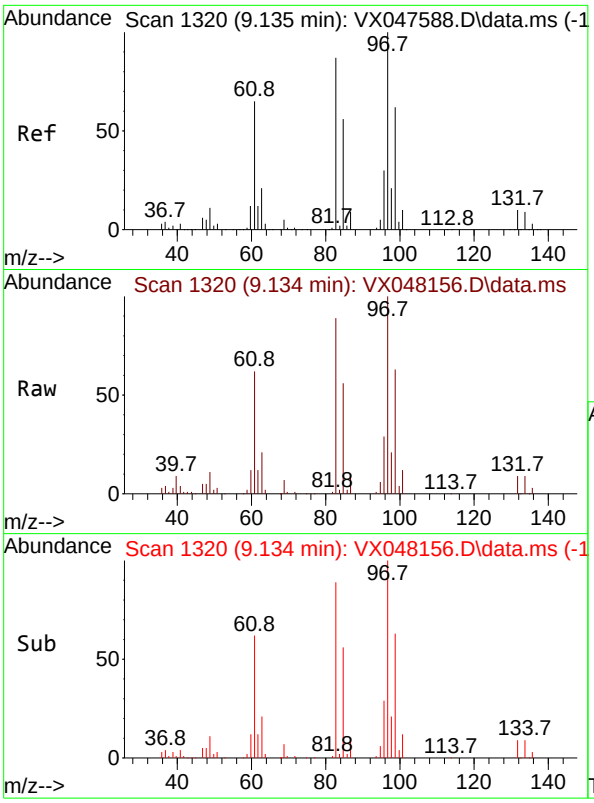


#54
cis-1,3-Dichloropropene
Concen: 18.398 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 75 Resp: 53266

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
39	48.6	41.4	62.2

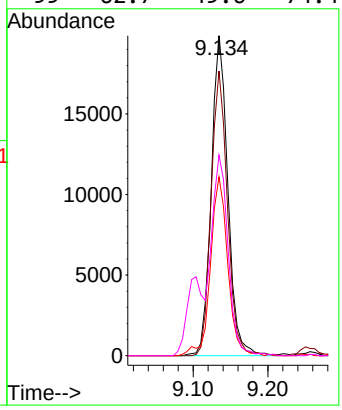




#55
1,1,2-Trichloroethane
Concen: 18.653 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 97 Resp: 3060

Ion	Ratio	Lower	Upper
97	100		
83	89.0	69.6	104.4
85	55.8	45.0	67.6
99	62.7	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations APPROVED

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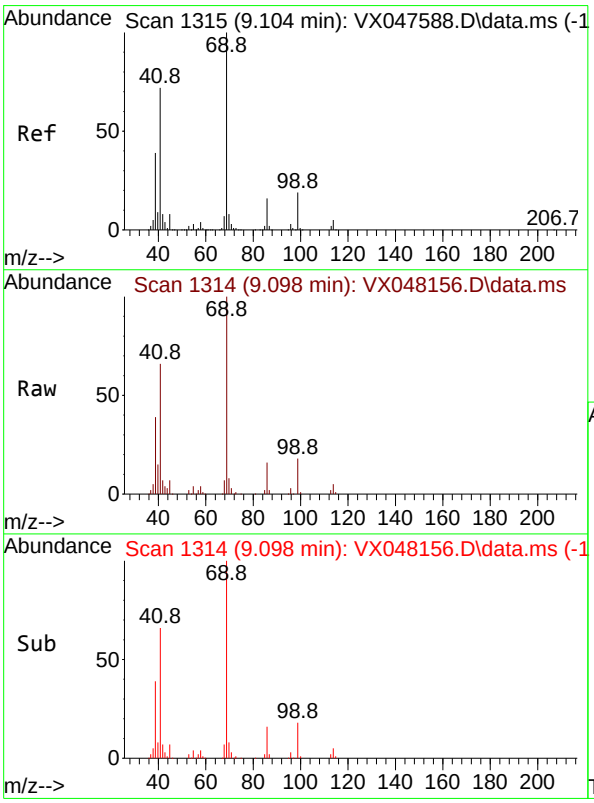
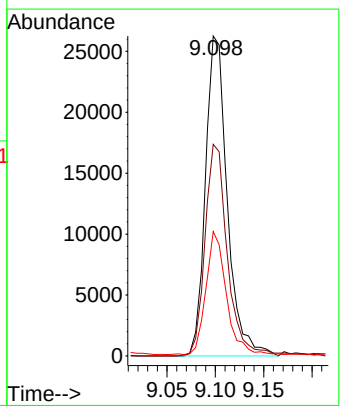
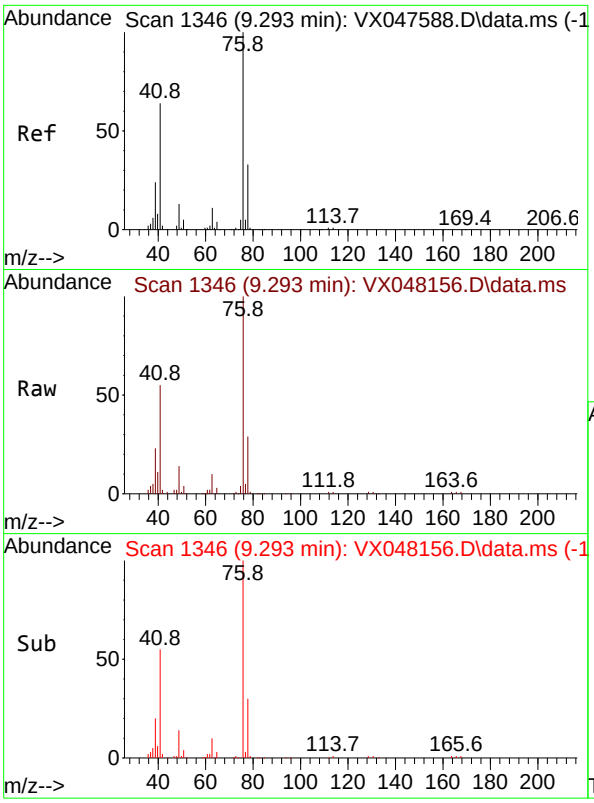


#56
Ethyl methacrylate
Concen: 16.027 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 69 Resp: 41297

Ion	Ratio	Lower	Upper
69	100		
41	68.8	58.6	87.8
39	36.0	31.5	47.3

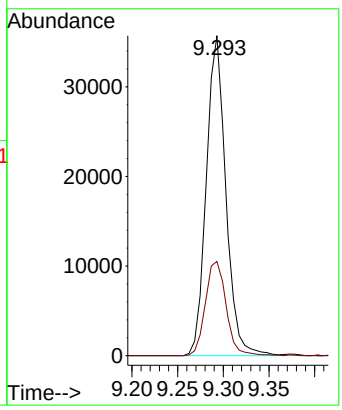




#57
1,3-Dichloropropane
Concen: 18.822 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 76 Resp: 5304

Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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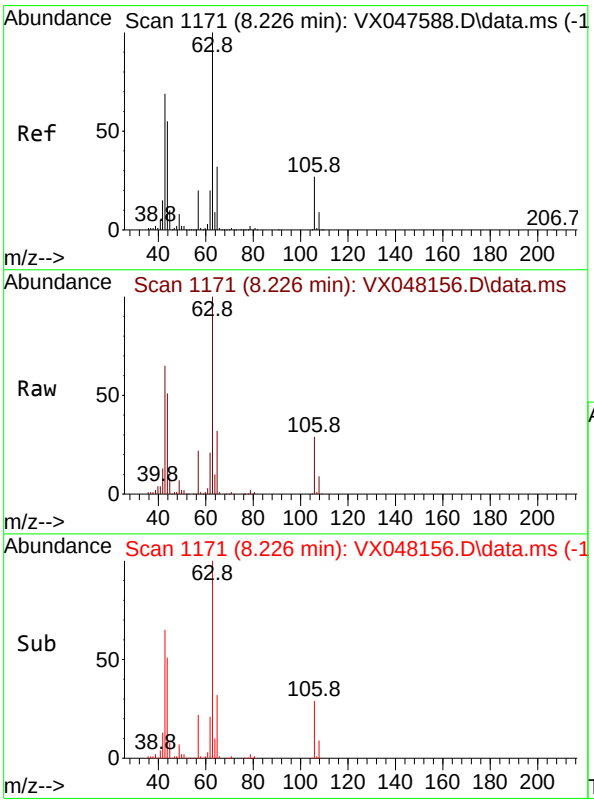
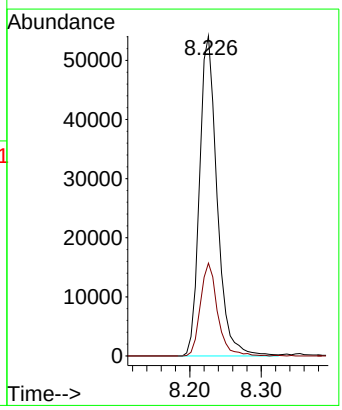
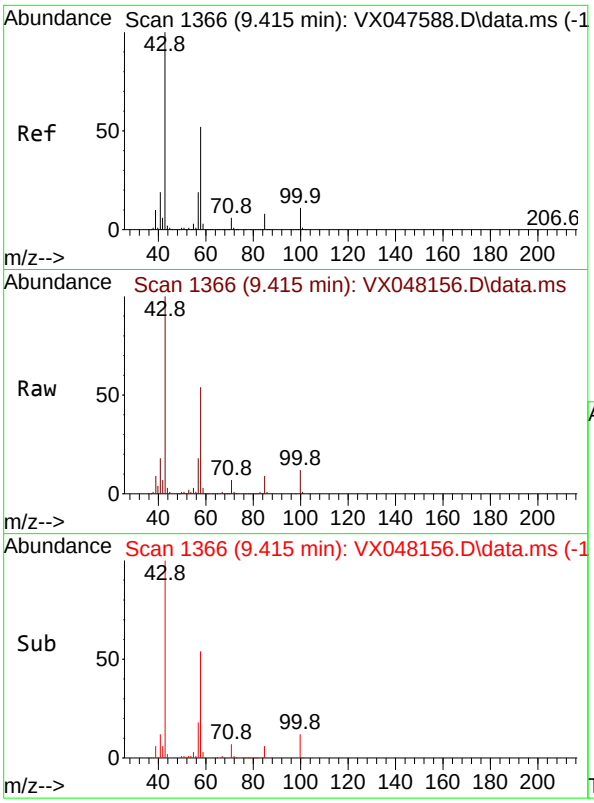


#58
2-Chloroethyl Vinyl ether
Concen: 82.539 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 63 Resp: 92446

Ion	Ratio	Lower	Upper
63	100		
106	28.2	21.9	32.9





#59
2-Hexanone
Concen: 74.335 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 43 Resp: 11819

Ion	Ratio	Lower	Upper
43	100		
58	53.5	26.1	78.2

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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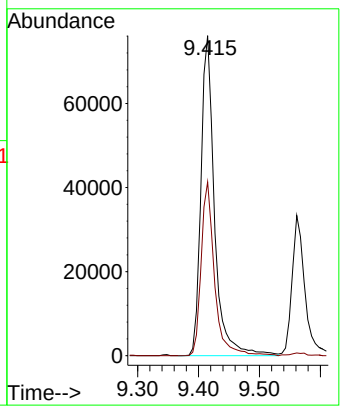
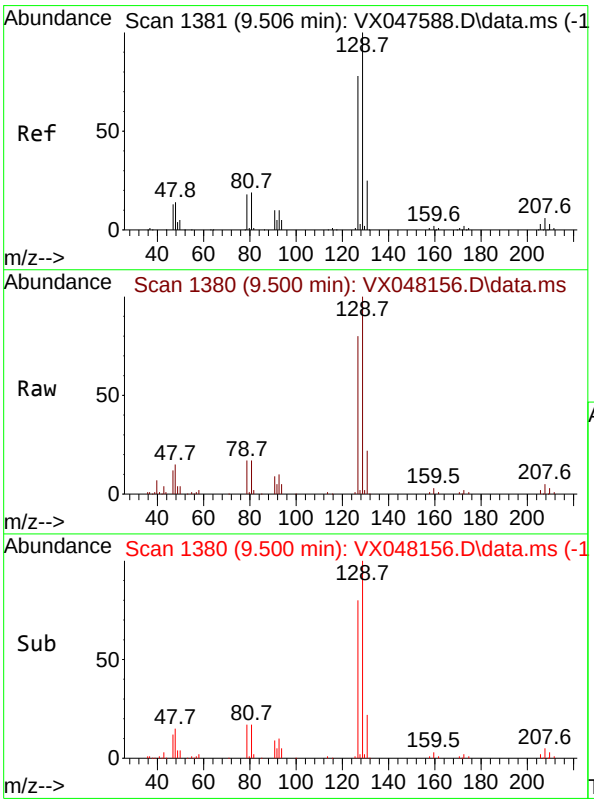
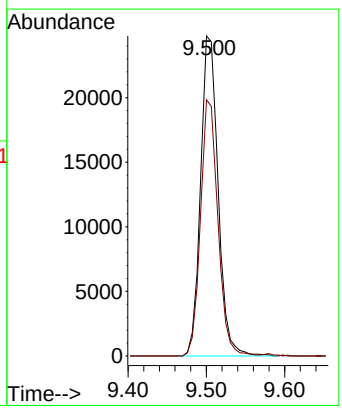


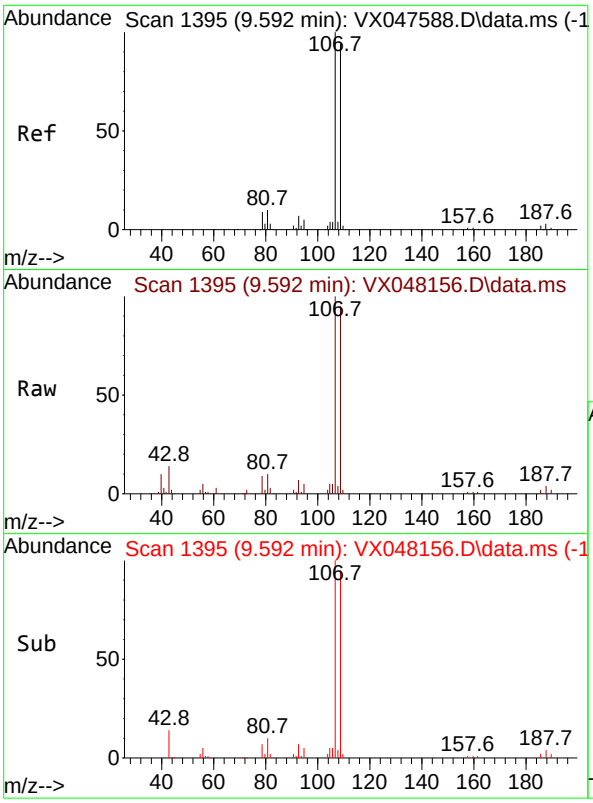


#60
Dibromochloromethane
Concen: 20.340 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:129 Resp: 38451

Ion	Ratio	Lower	Upper
129	100		
127	79.5	38.4	115.2

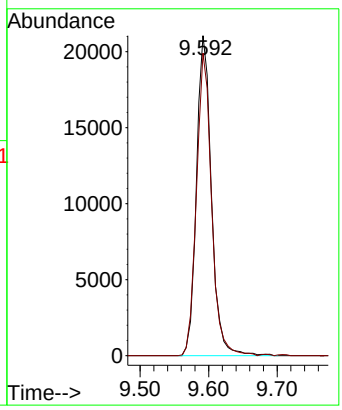




#61
1,2-Dibromoethane
Concen: 19.158 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:107 Resp: 3201

Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
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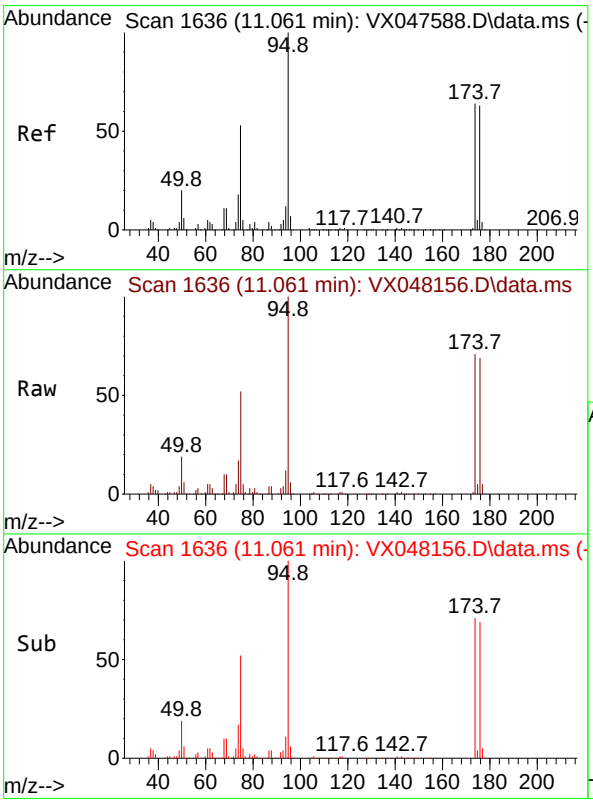
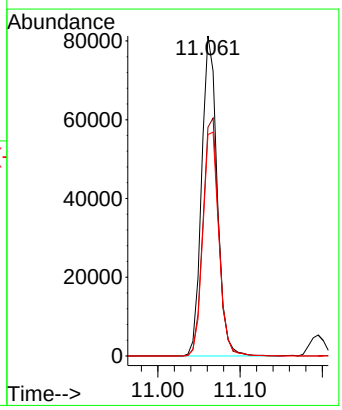
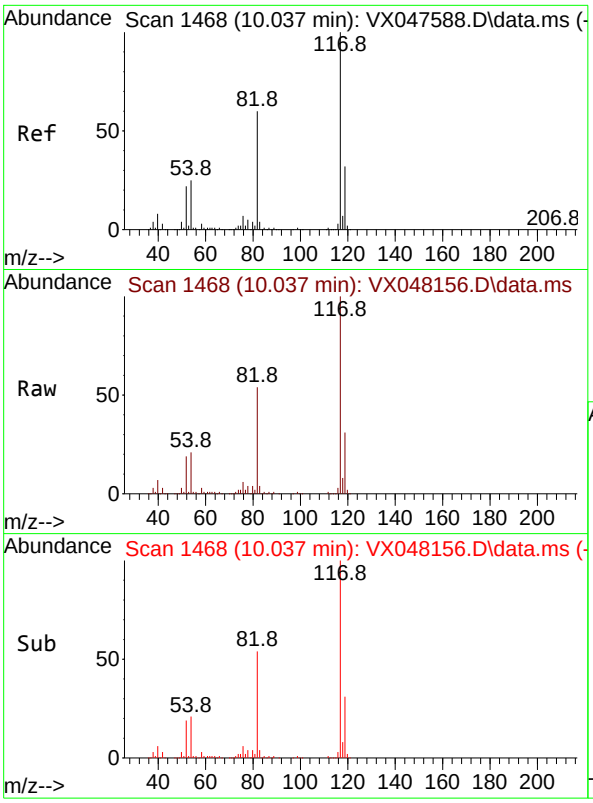


#62
4-Bromofluorobenzene
Concen: 52.112 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 95 Resp: 106490

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	141.6
176	72.4	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:117 Resp: 21030

Ion	Ratio	Lower	Upper
117	100		
82	54.4	47.8	71.6
119	31.0	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations
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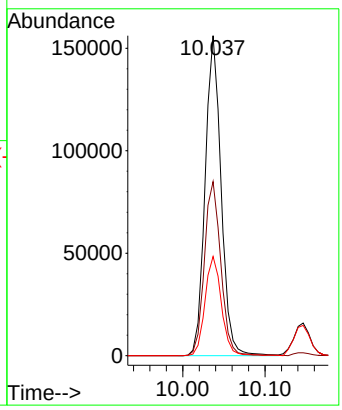
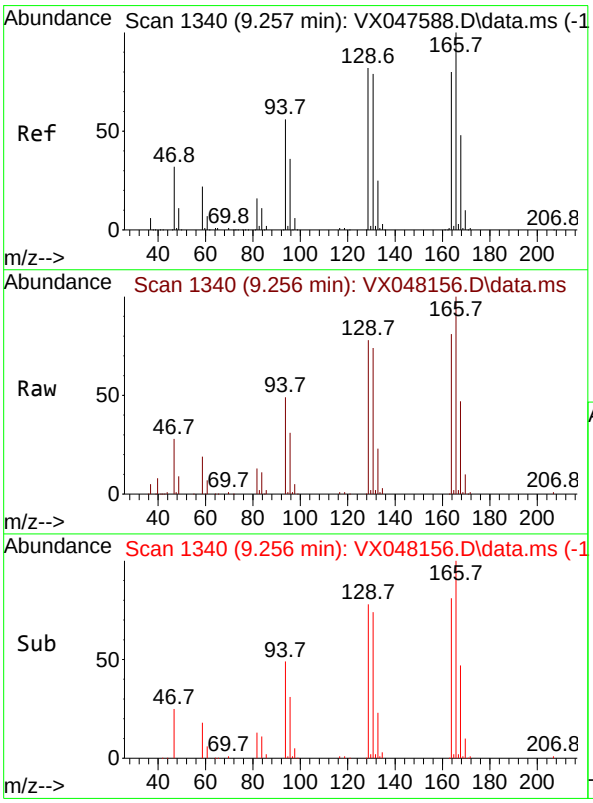
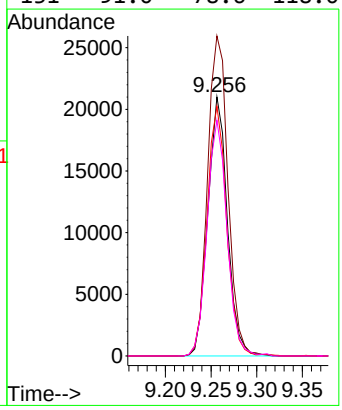


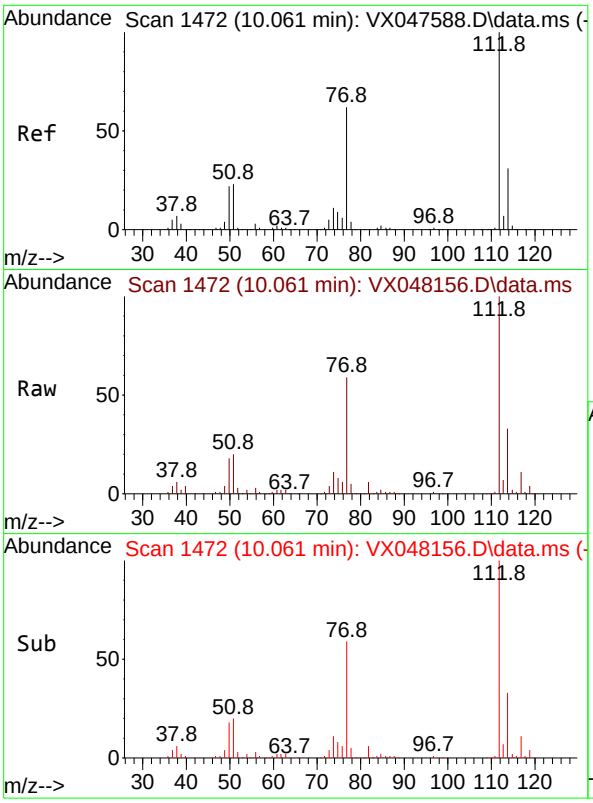


#64
Tetrachloroethene
Concen: 22.789 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:164 Resp: 31243

Ion	Ratio	Lower	Upper
164	100		
166	123.5	100.2	150.2
129	96.4	81.8	122.6
131	91.0	78.6	118.0

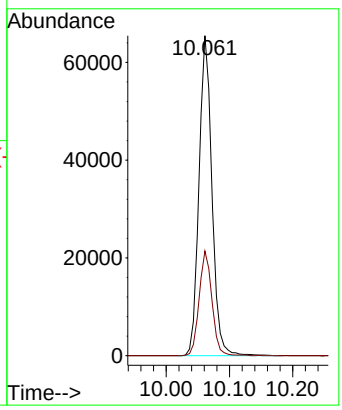




#65
Chlorobenzene
Concen: 19.536 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:112 Resp: 9333

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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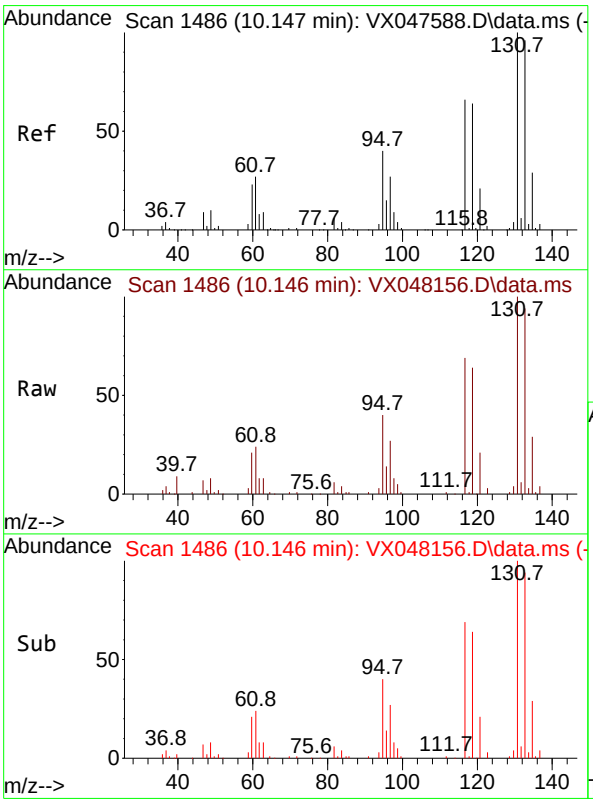
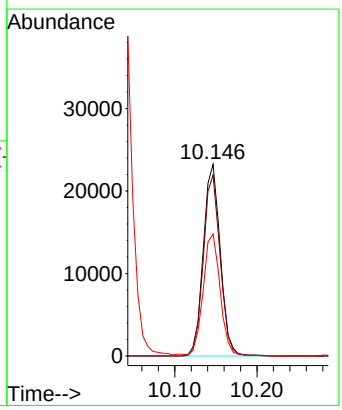
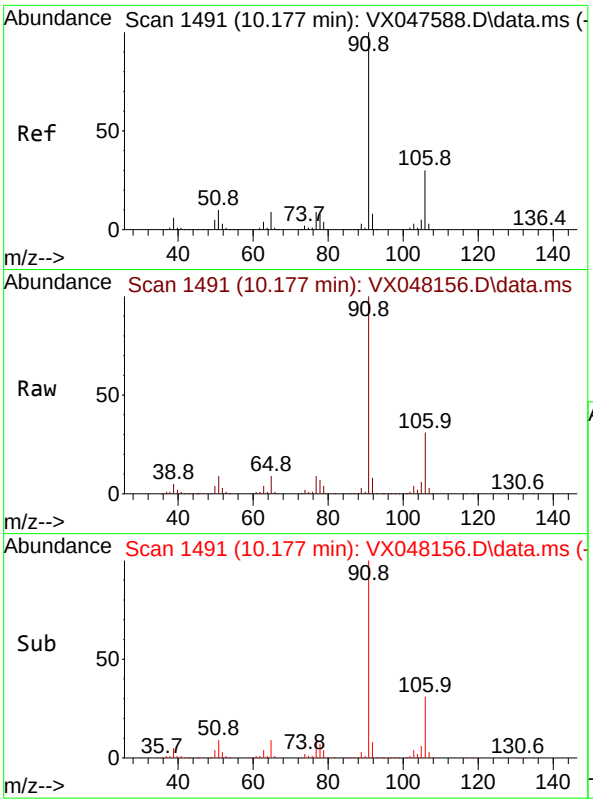


#66
1,1,1,2-Tetrachloroethane
Concen: 20.154 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:131 Resp: 33227

Ion	Ratio	Lower	Upper
131	100		
133	93.6	47.3	142.0
119	64.2	32.0	96.0

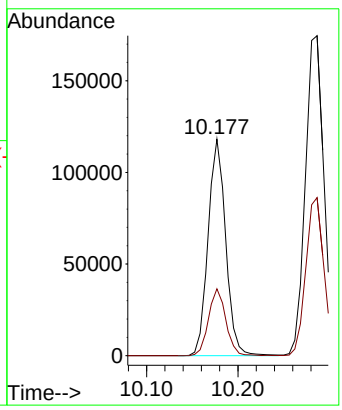




#67
Ethyl Benzene
Concen: 19.163 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 91 Resp: 15796

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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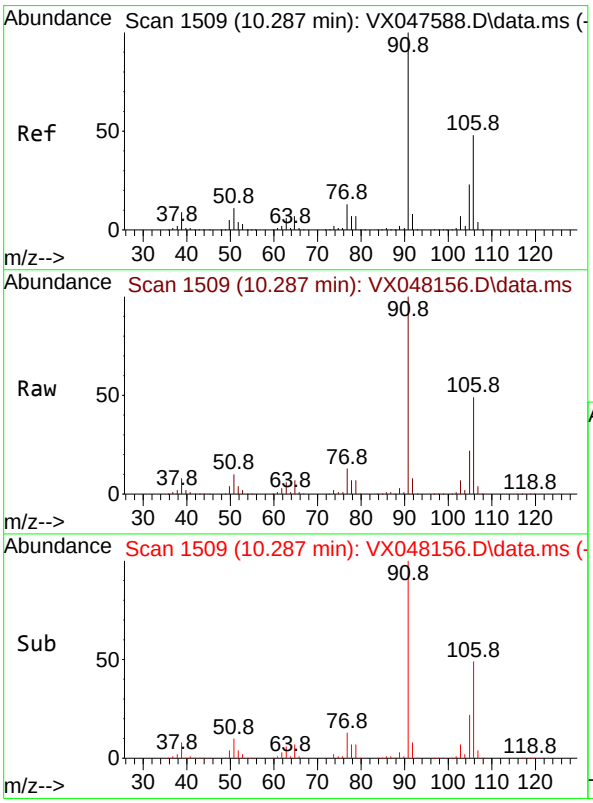
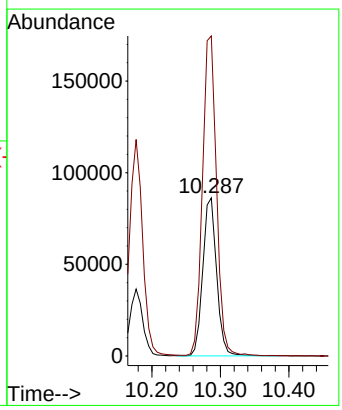
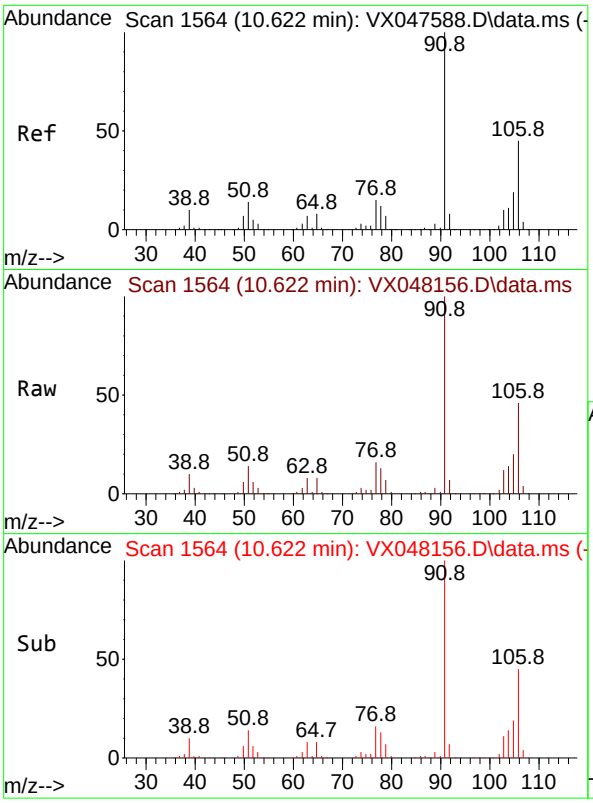


#68
m/p-Xylenes
Concen: 39.501 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:106 Resp: 121203

Ion	Ratio	Lower	Upper
106	100		
91	205.4	167.8	251.8

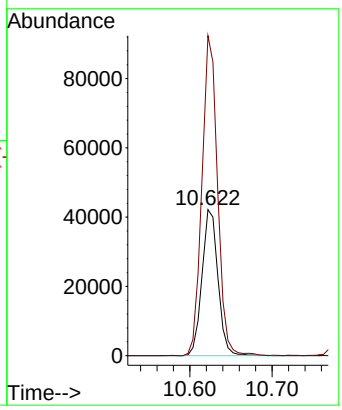




#69
o-Xylene
Concen: 19.199 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:106 Resp: 5698

Ion	Ratio	Lower	Upper
106	100		
91	214.6	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
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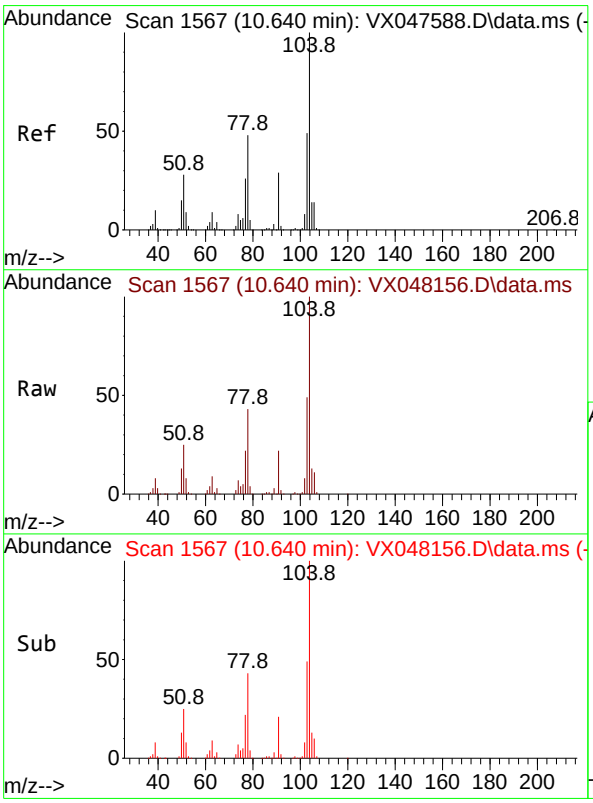
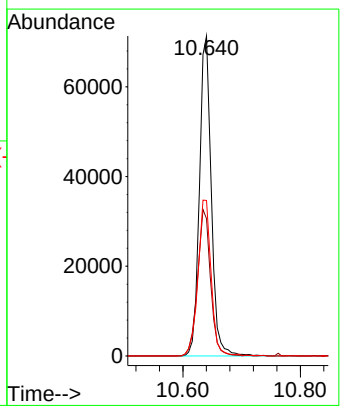
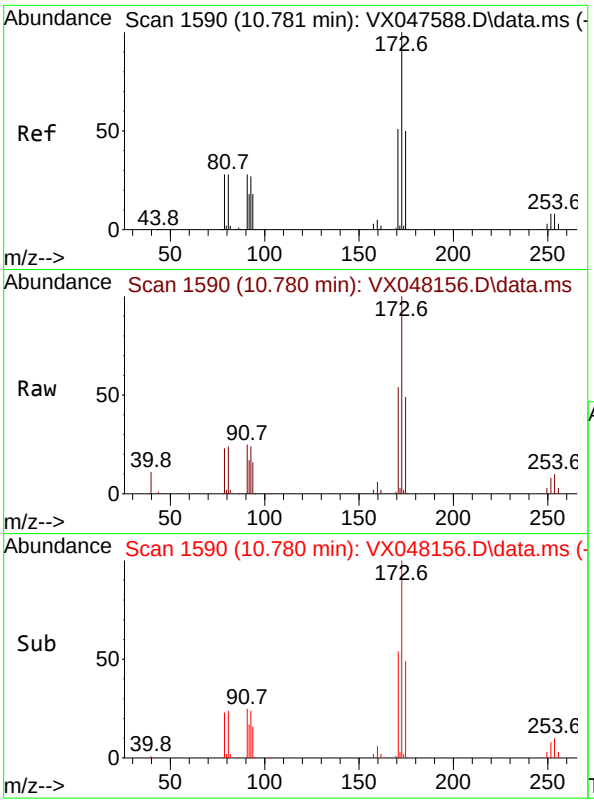


#70
Styrene
Concen: 19.214 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:104 Resp: 99914

Ion	Ratio	Lower	Upper
104	100		
78	50.4	43.1	64.7
103	54.0	43.1	64.7

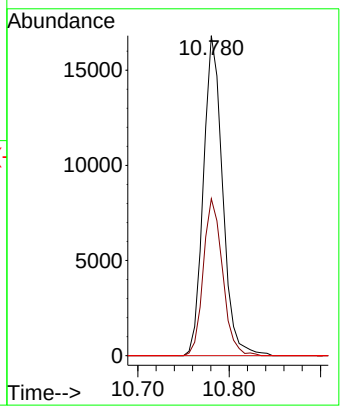




#71
Bromoform
Concen: 19.870 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:173 Resp: 2446

Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations APPROVED

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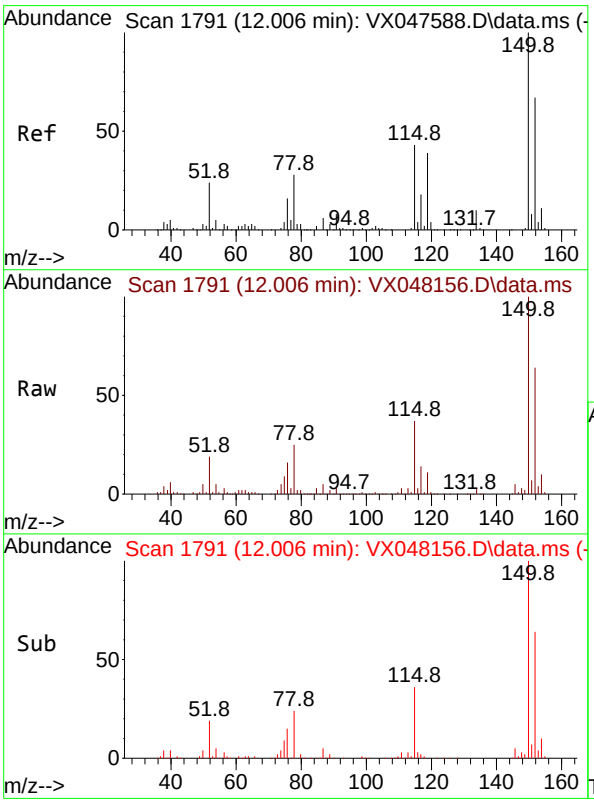
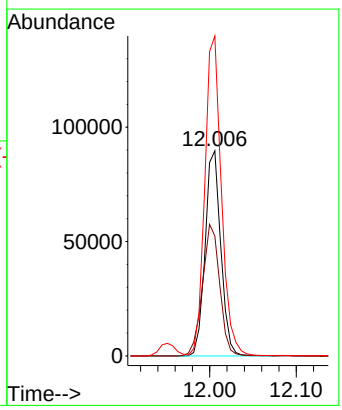
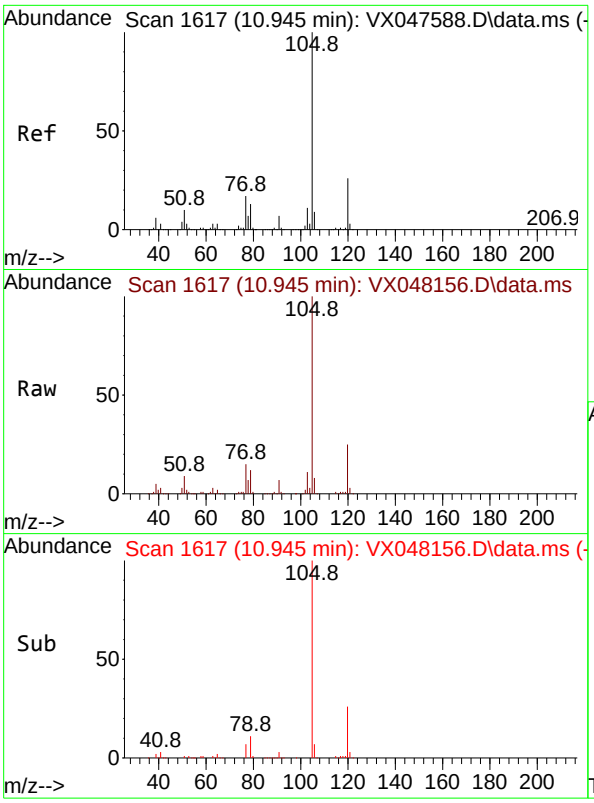


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:152 Resp: 112794

Ion	Ratio	Lower	Upper
152	100		
115	70.6	44.9	134.5
150	164.9	0.0	352.0

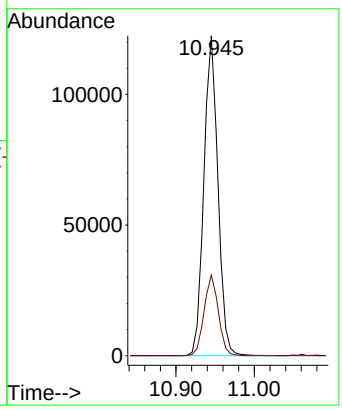




#73
Isopropylbenzene
Concen: 17.719 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:105 Resp: 15194

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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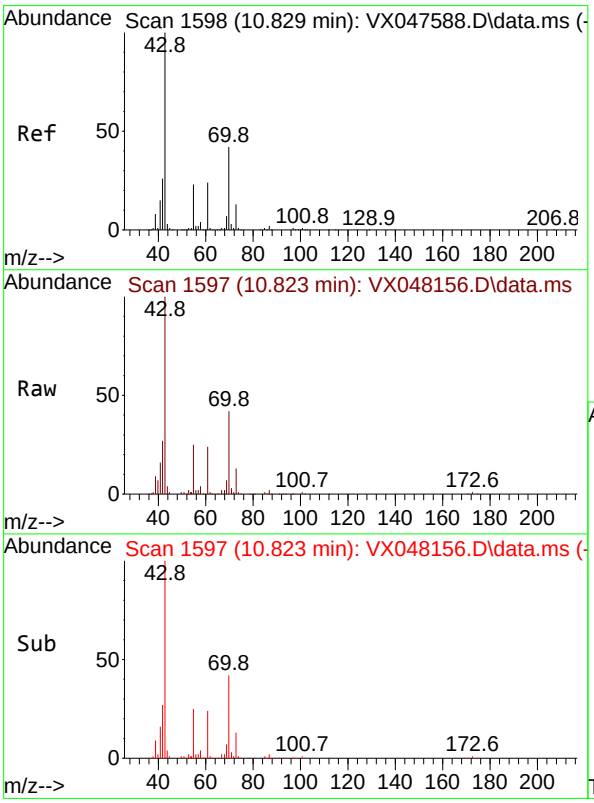
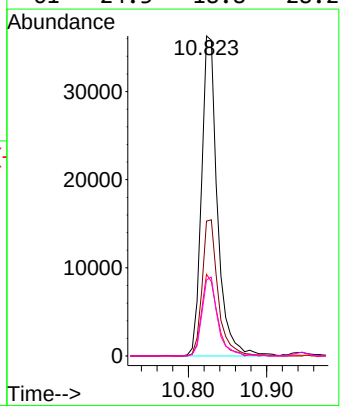
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

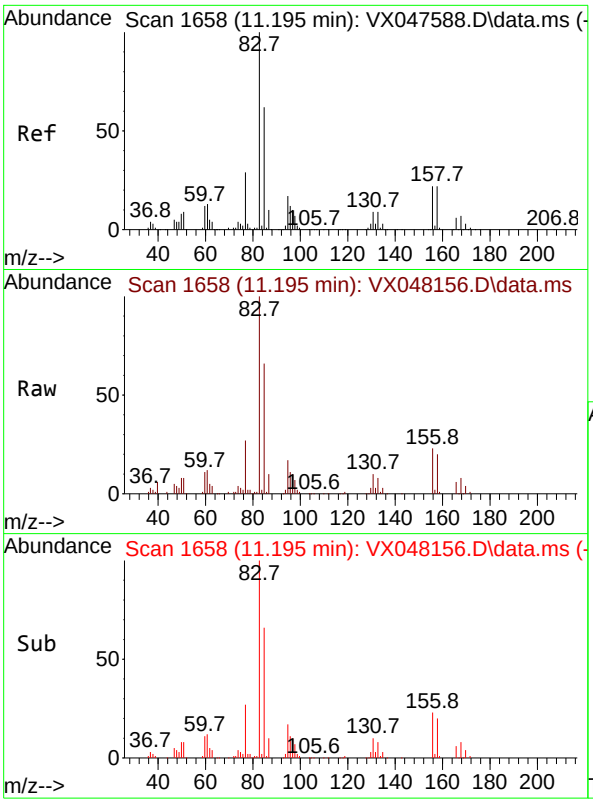


#74
N-amyl acetate
Concen: 13.087 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 43 Resp: 51175

Ion	Ratio	Lower	Upper
43	100		
70	42.6	32.0	48.0
55	25.4	18.9	28.3
61	24.3	18.8	28.2

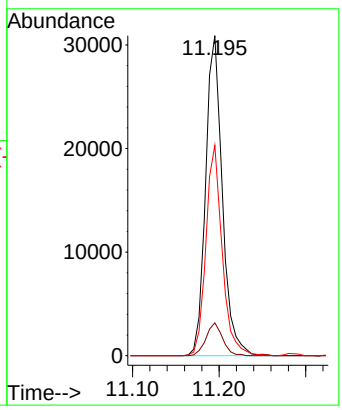




#75
1,1,2,2-Tetrachloroethane
Concen: 15.961 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 83 Resp: 4141

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	64.1	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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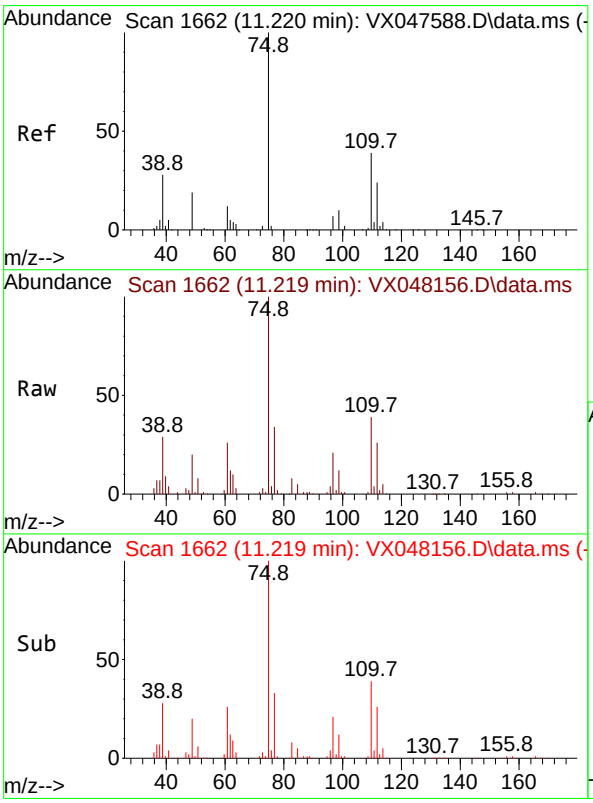
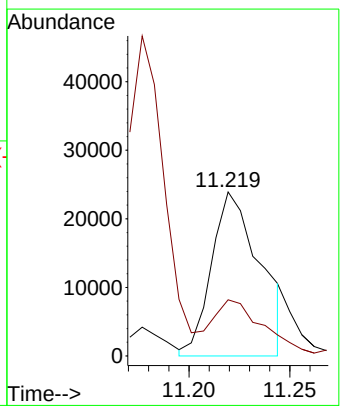
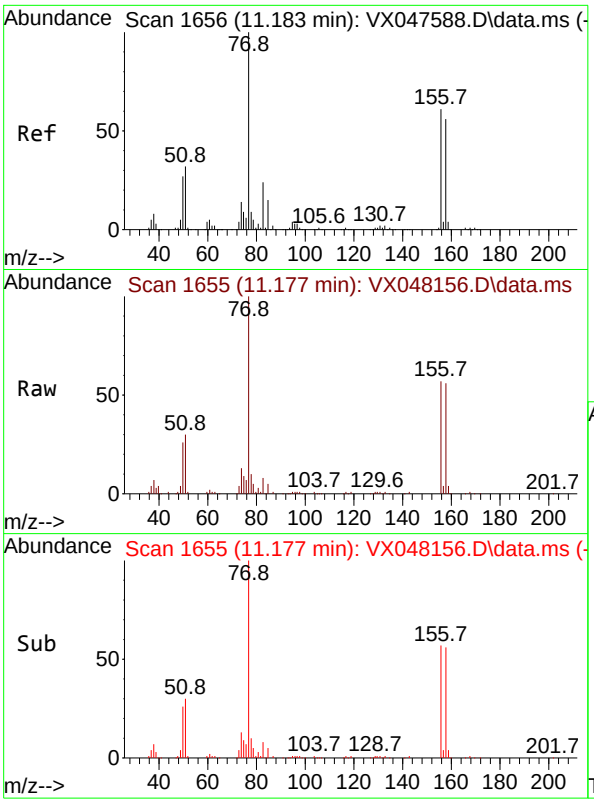


#76
1,2,3-Trichloropropane
Concen: 17.501 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 75 Resp: 39967

Ion	Ratio	Lower	Upper
75	100		
77	34.0	18.8	56.4

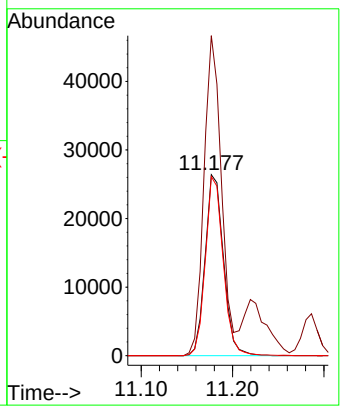




#77
Bromobenzene
Concen: 17.445 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:156 Resp: 3684

Ion	Ratio	Lower	Upper
156	100		
77	166.7	89.7	269.1
158	96.4	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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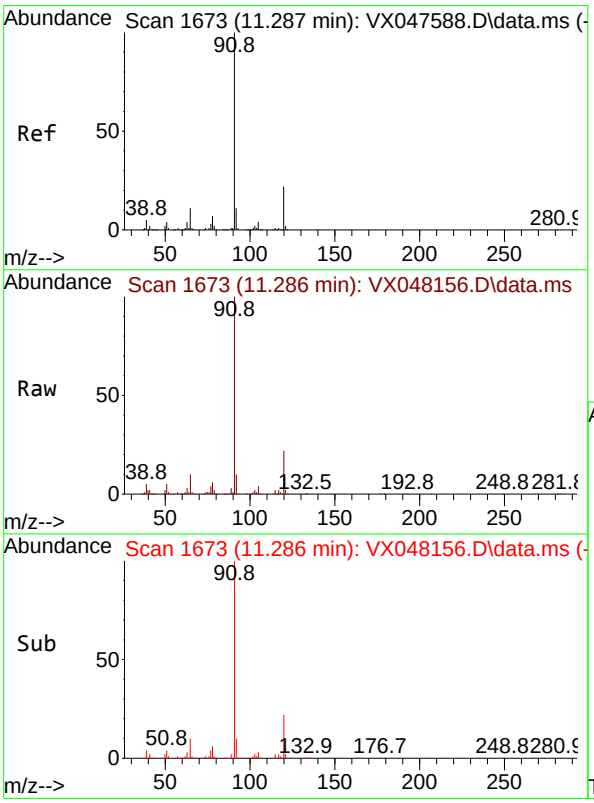
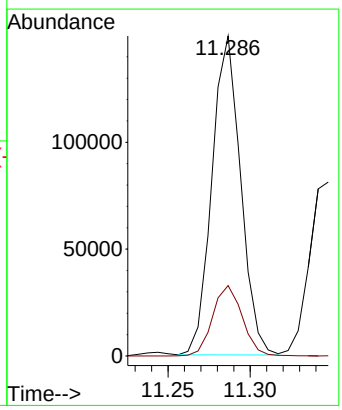
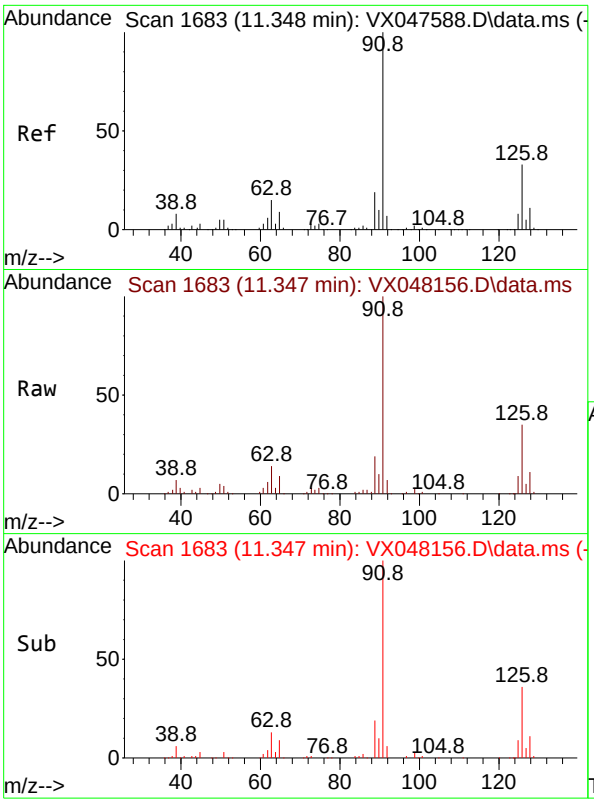


#78
n-propylbenzene
Concen: 17.911 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 91 Resp: 181568

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1

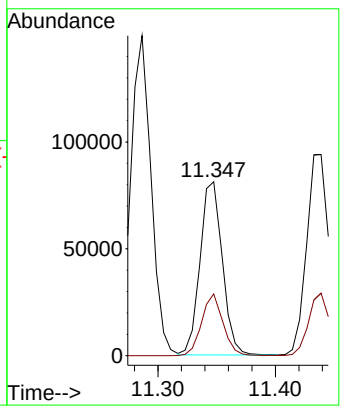




#79
2-Chlorotoluene
Concen: 17.216 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 91 Resp: 10689

Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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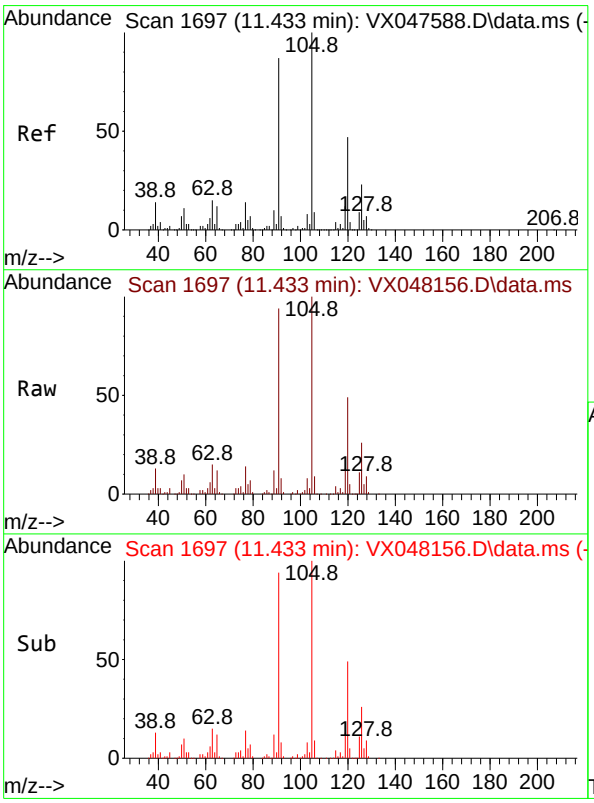
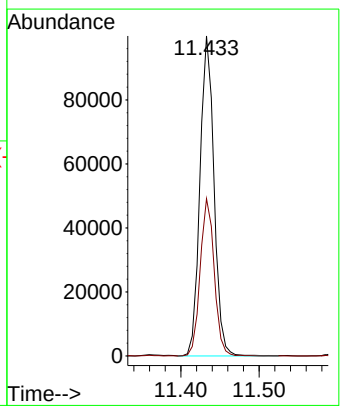
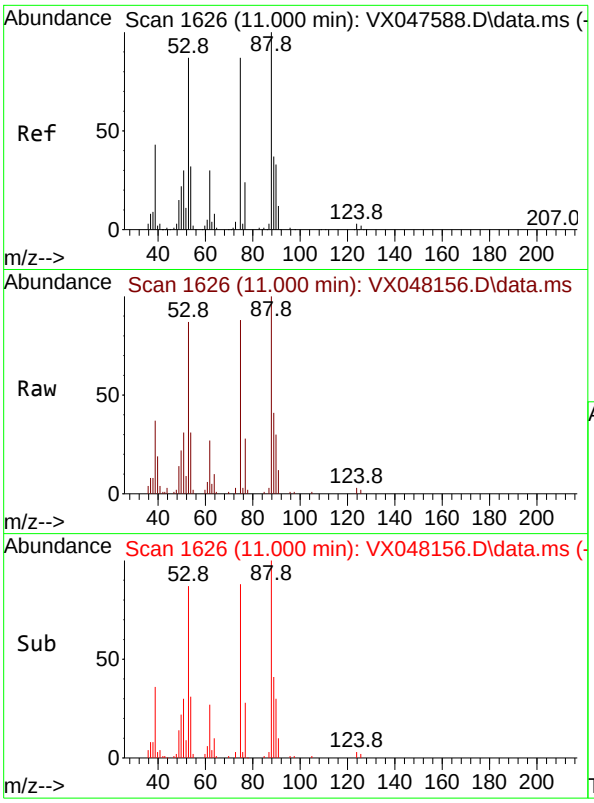


#80
1,3,5-Trimethylbenzene
Concen: 17.677 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:105 Resp: 124542

Ion	Ratio	Lower	Upper
105	100		
120	49.0	23.6	70.8

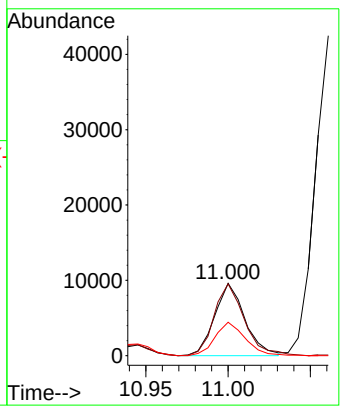




#81
trans-1,4-Dichloro-2-butene
Concen: 13.727 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 75 Resp: 1229

Ion	Ratio	Lower	Upper
75	100		
53	99.2	83.4	125.2
89	46.1	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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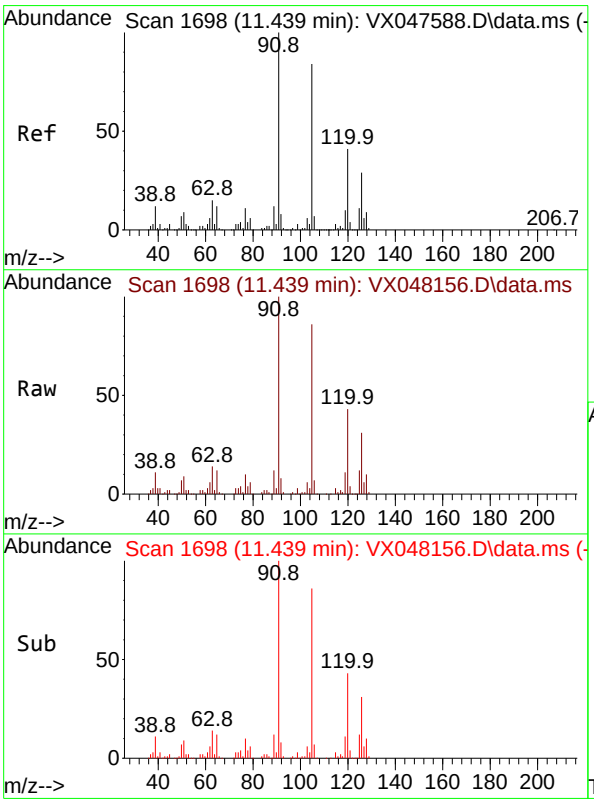
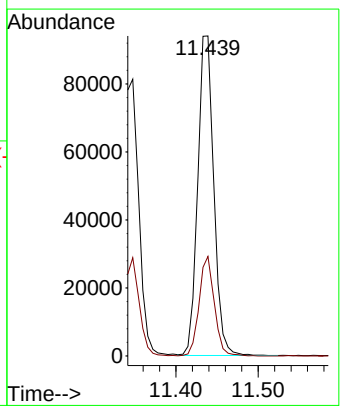
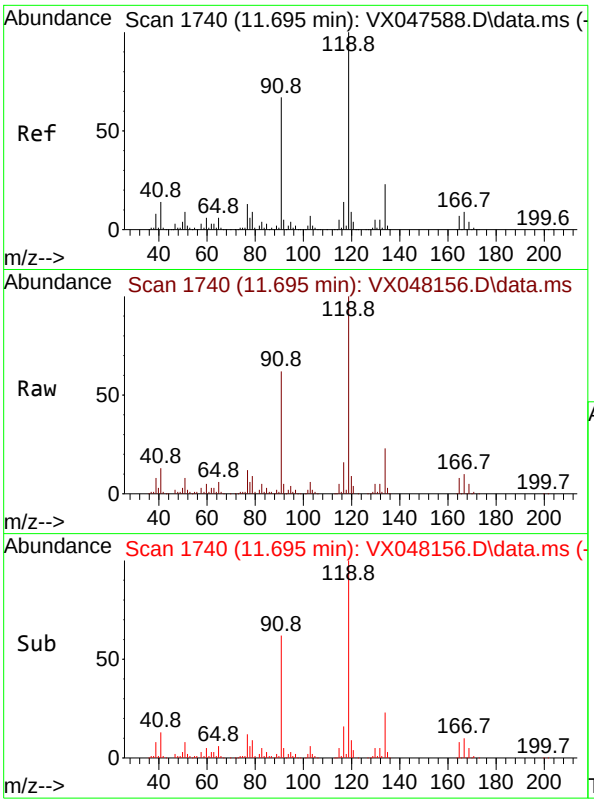


#82
4-Chlorotoluene
Concen: 17.374 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 91 Resp: 127403

Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.2	42.6

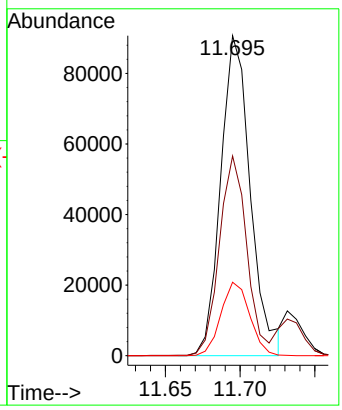




#83
tert-Butylbenzene
Concen: 17.316 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:119 Resp: 12488

Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.6	88.8
134	22.4	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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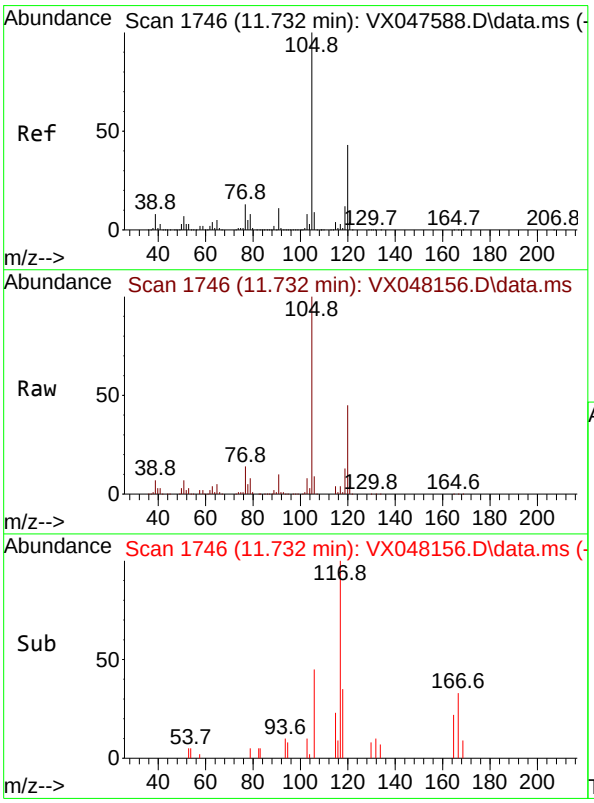
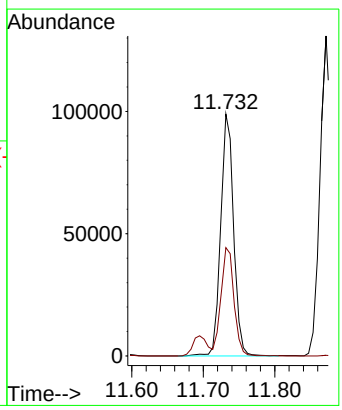
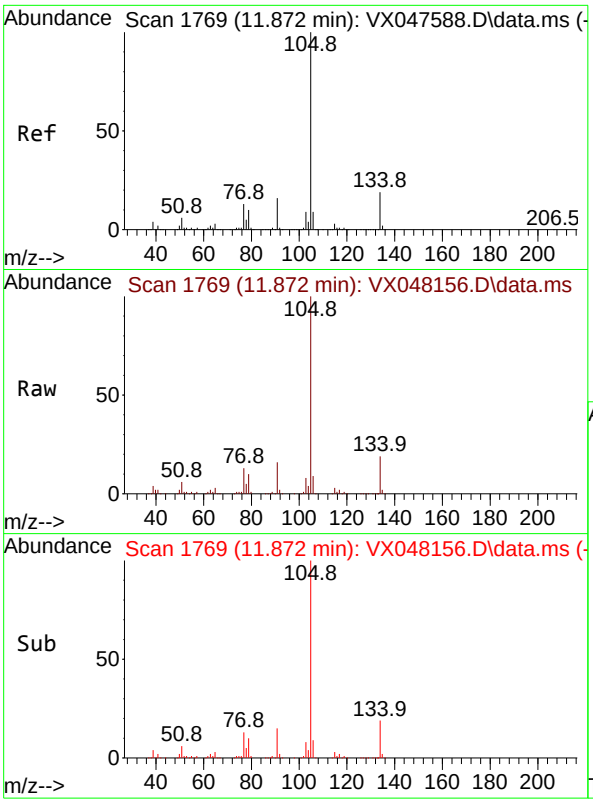


#84
1,2,4-Trimethylbenzene
Concen: 17.401 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:105 Resp: 124291

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.1	66.1

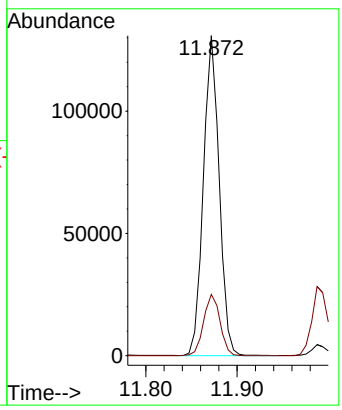




#85
sec-Butylbenzene
Concen: 18.298 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:105 Resp: 15675

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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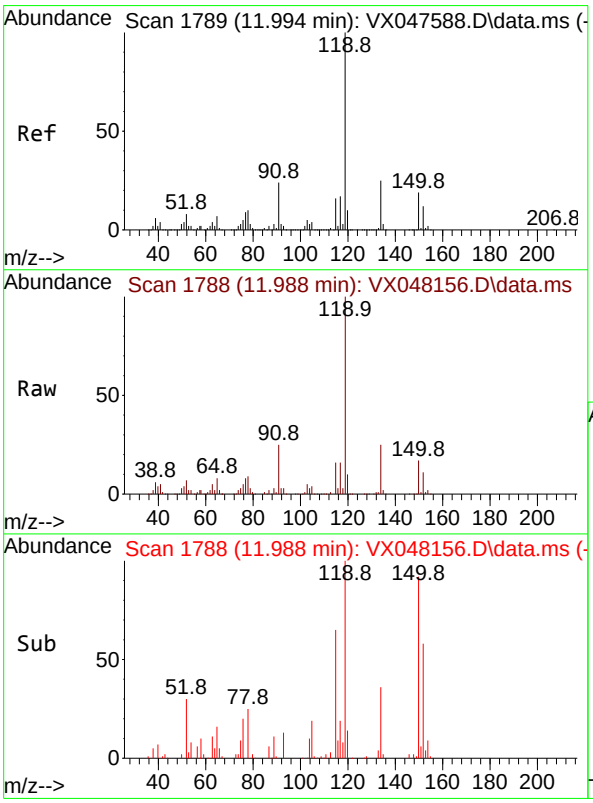
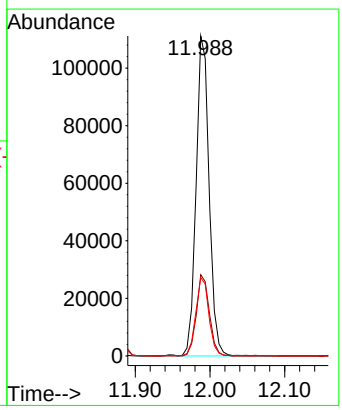
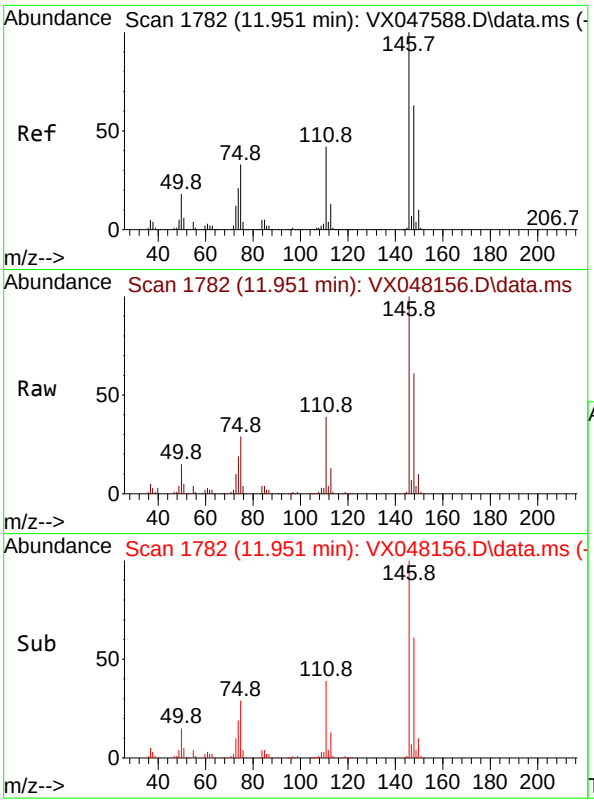


#86
p-Isopropyltoluene
Concen: 18.484 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:119 Resp: 134054

Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.6	37.8
91	24.9	12.6	37.6

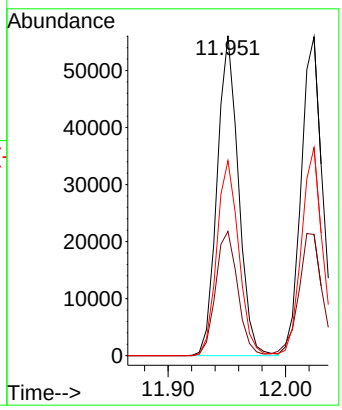




#87
1,3-Dichlorobenzene
Concen: 18.048 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:146 Resp: 7080

Ion	Ratio	Lower	Upper
146	100		
111	40.3	21.5	64.5
148	62.7	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

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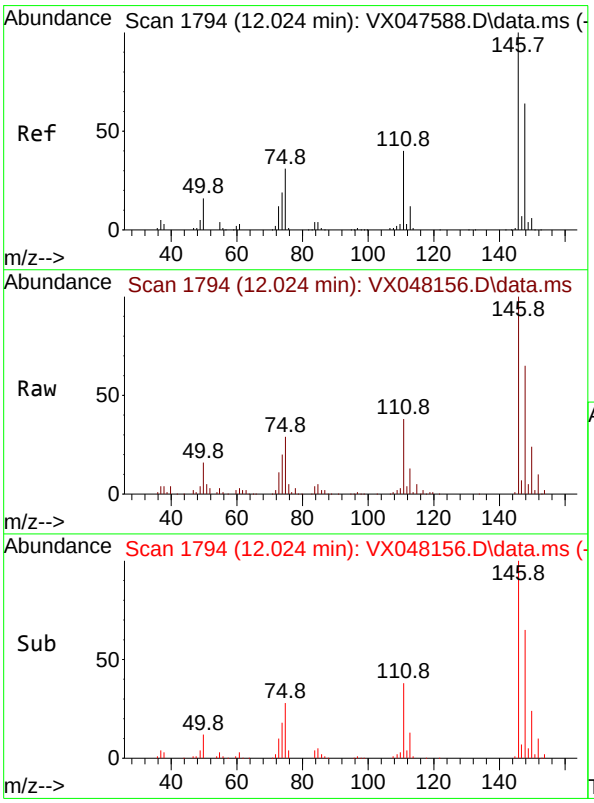
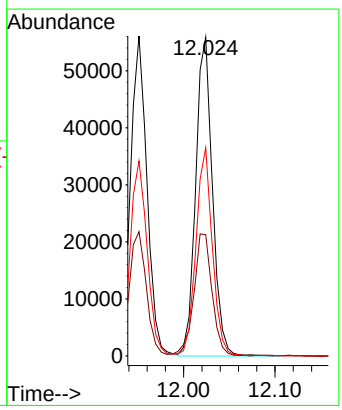
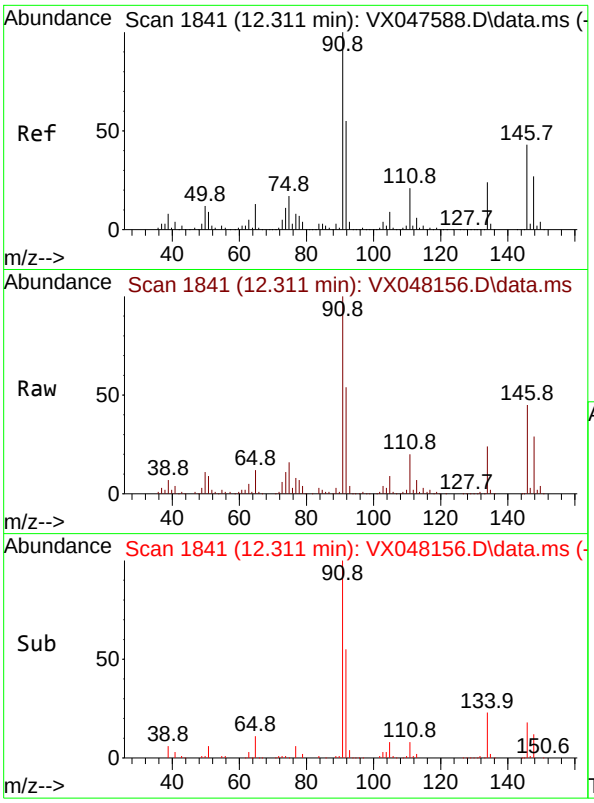


#88
1,4-Dichlorobenzene
Concen: 17.655 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:146 Resp: 71083

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.4
148	63.7	31.7	95.1

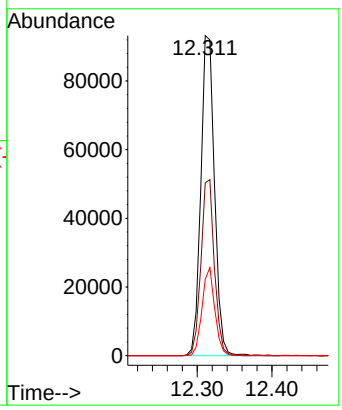




#89
n-Butylbenzene
Concen: 17.656 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 91 Resp: 11848

Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.6	82.7
134	25.6	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations
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Reviewed By :John Carlone 10/15/2025
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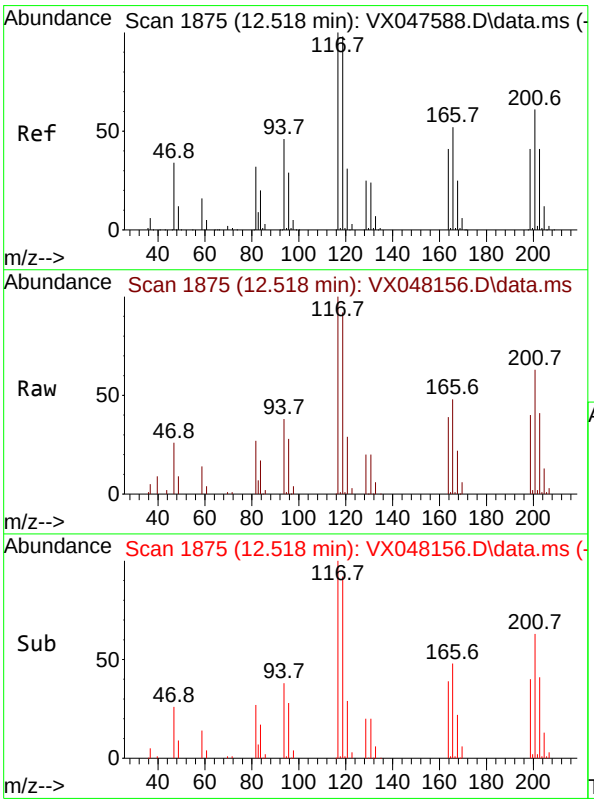
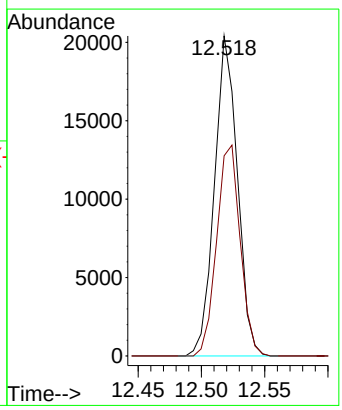
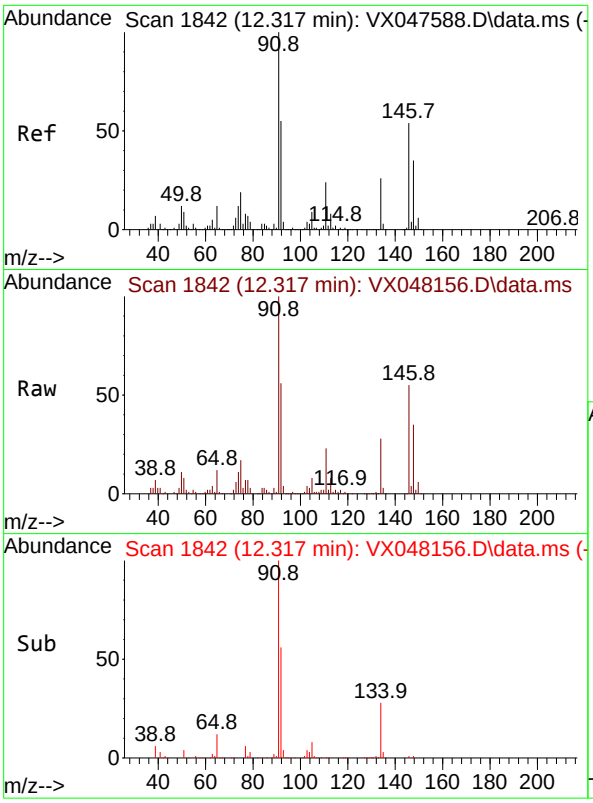


#90
Hexachloroethane
Concen: 20.189 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:117 Resp: 25707

Ion	Ratio	Lower	Upper
117	100		
201	67.7	34.2	102.5

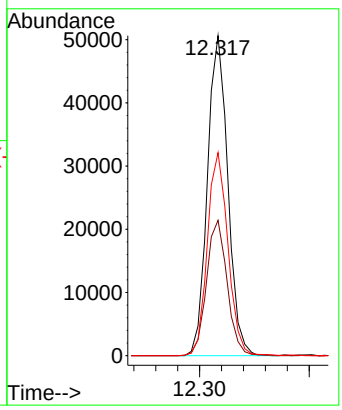




#91
1,2-Dichlorobenzene
Concen: 17.504 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:146 Resp: 6542

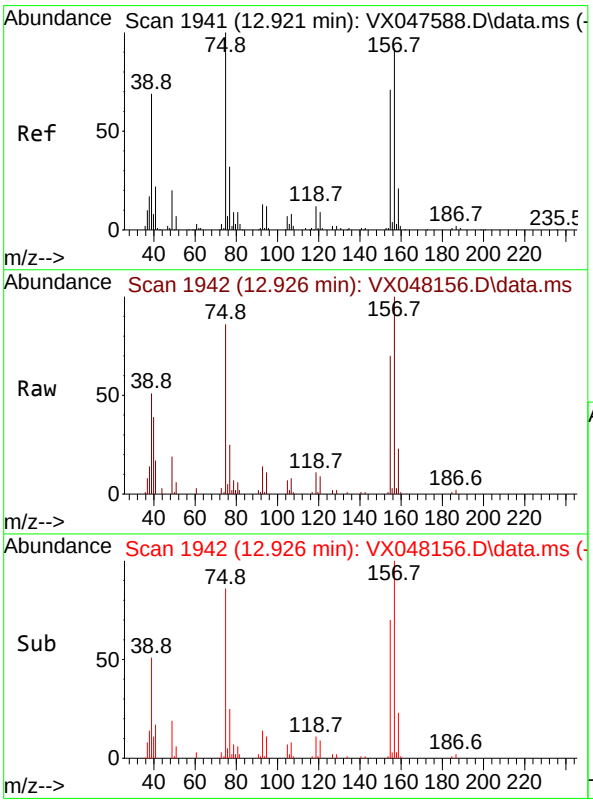
Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.2	66.6
148	64.2	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations
APPROVED

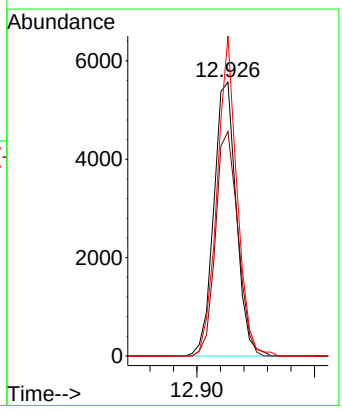
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

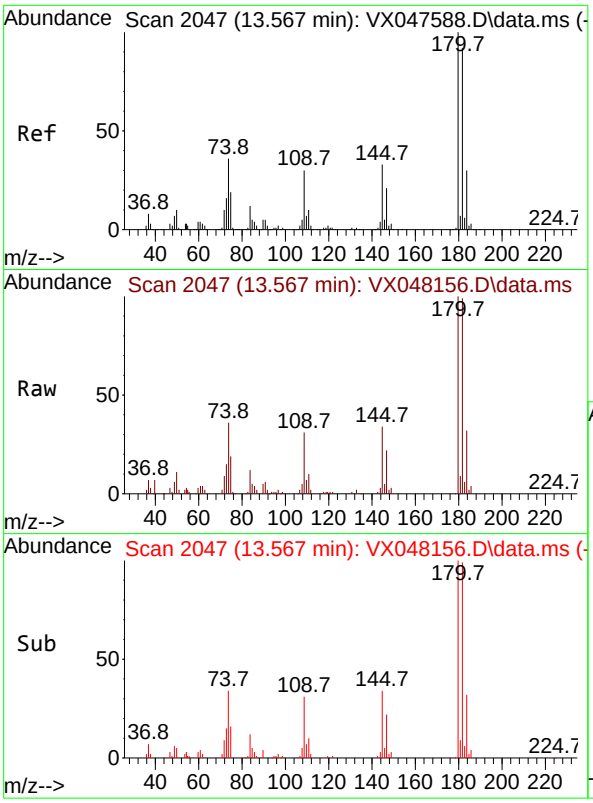


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.120 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion: 75 Resp: 7417

Ion	Ratio	Lower	Upper
75	100		
155	81.5	37.7	113.1
157	103.4	49.8	149.4

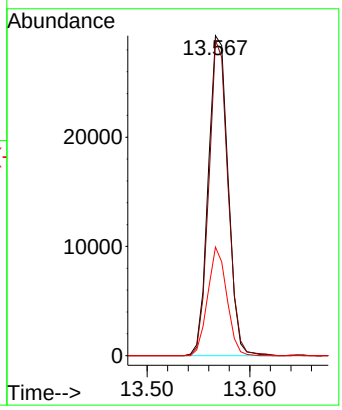




#93
1,2,4-Trichlorobenzene
Concen: 16.119 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:180 Resp: 3915

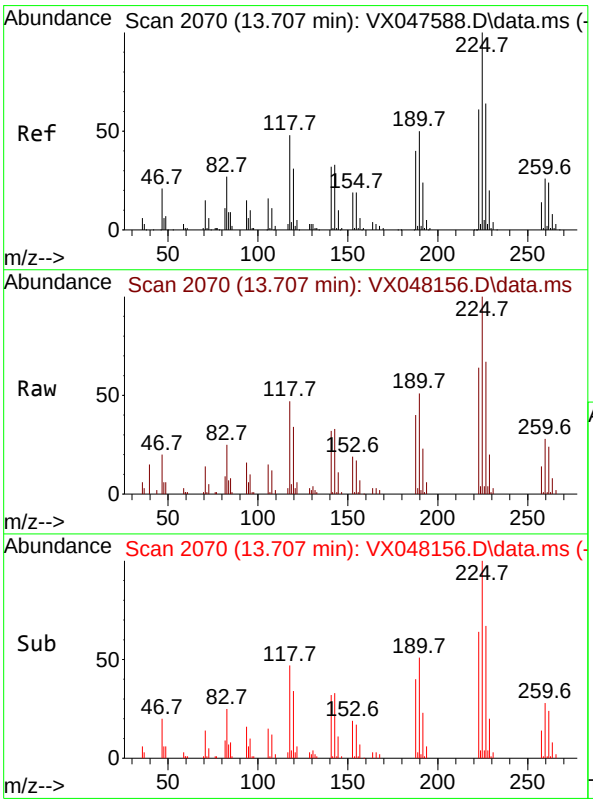
Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.6	139.8
145	32.8	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations
APPROVED

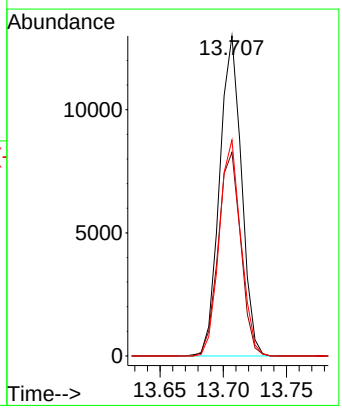
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

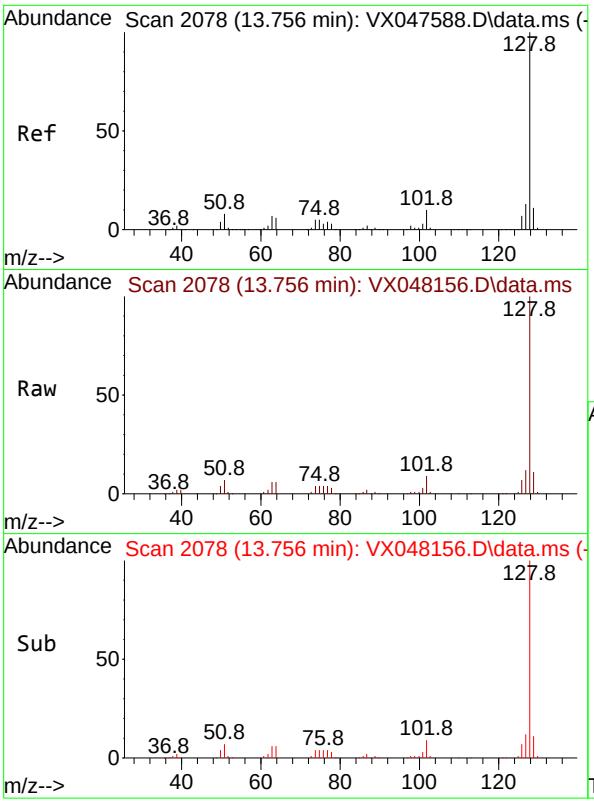


#94
Hexachlorobutadiene
Concen: 18.915 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:225 Resp: 15606

Ion	Ratio	Lower	Upper
225	100		
223	65.1	31.7	95.1
227	66.6	32.0	96.0

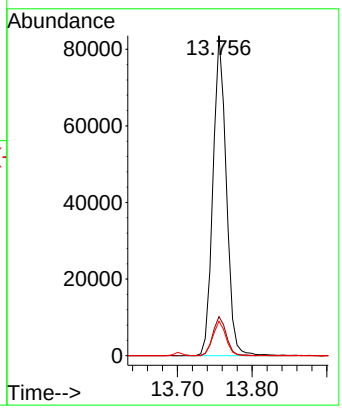




#95
Naphthalene
Concen: 13.982 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:128 Resp: 10341

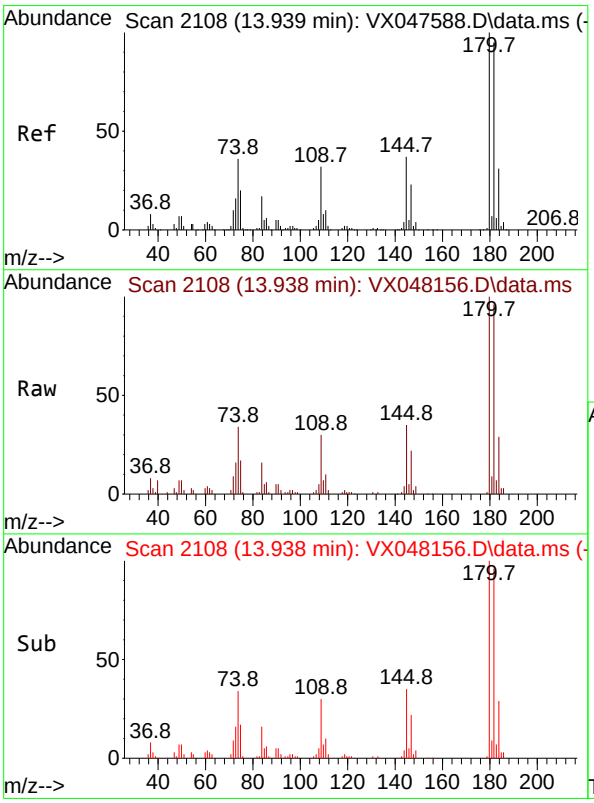
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.6	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX1014WBS01

Manual Integrations
APPROVED

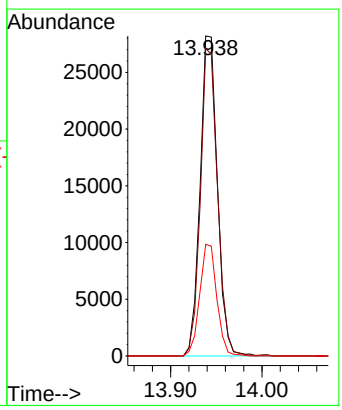
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.394 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048156.D
Acq: 14 Oct 2025 11:20

Tgt Ion:180 Resp: 37041

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	34.5	17.9	53.7



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1017WBS01	SDG No.:	Q3311
Lab Sample ID:	VX1017WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	18.3		1	0.22	1.00	ug/L	10/17/25 14:03	VX101725
74-87-3	Chloromethane	18.5		1	0.32	1.00	ug/L	10/17/25 14:03	VX101725
75-01-4	Vinyl Chloride	18.7		1	0.26	1.00	ug/L	10/17/25 14:03	VX101725
74-83-9	Bromomethane	19.2		1	1.40	5.00	ug/L	10/17/25 14:03	VX101725
75-00-3	Chloroethane	17.9		1	0.47	1.00	ug/L	10/17/25 14:03	VX101725
75-69-4	Trichlorofluoromethane	17.8		1	0.33	1.00	ug/L	10/17/25 14:03	VX101725
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		1	0.25	1.00	ug/L	10/17/25 14:03	VX101725
75-35-4	1,1-Dichloroethene	19.1		1	0.23	1.00	ug/L	10/17/25 14:03	VX101725
67-64-1	Acetone	86.1		1	1.50	5.00	ug/L	10/17/25 14:03	VX101725
75-15-0	Carbon Disulfide	18.8		1	0.21	1.00	ug/L	10/17/25 14:03	VX101725
1634-04-4	Methyl tert-butyl Ether	19.2		1	0.16	1.00	ug/L	10/17/25 14:03	VX101725
79-20-9	Methyl Acetate	18.9		1	0.27	1.00	ug/L	10/17/25 14:03	VX101725
75-09-2	Methylene Chloride	18.7		1	0.28	1.00	ug/L	10/17/25 14:03	VX101725
156-60-5	trans-1,2-Dichloroethene	20.1		1	0.23	1.00	ug/L	10/17/25 14:03	VX101725
75-34-3	1,1-Dichloroethane	18.1		1	0.23	1.00	ug/L	10/17/25 14:03	VX101725
110-82-7	Cyclohexane	20.9		1	1.50	5.00	ug/L	10/17/25 14:03	VX101725
78-93-3	2-Butanone	95.3		1	0.98	5.00	ug/L	10/17/25 14:03	VX101725
56-23-5	Carbon Tetrachloride	19.9		1	0.25	1.00	ug/L	10/17/25 14:03	VX101725
156-59-2	cis-1,2-Dichloroethene	18.2		1	0.19	1.00	ug/L	10/17/25 14:03	VX101725
74-97-5	Bromochloromethane	18.9		1	0.22	1.00	ug/L	10/17/25 14:03	VX101725
67-66-3	Chloroform	18.2		1	0.25	1.00	ug/L	10/17/25 14:03	VX101725
71-55-6	1,1,1-Trichloroethane	19.8		1	0.20	1.00	ug/L	10/17/25 14:03	VX101725
108-87-2	Methylcyclohexane	20.5		1	0.16	1.00	ug/L	10/17/25 14:03	VX101725
71-43-2	Benzene	19.5		1	0.15	1.00	ug/L	10/17/25 14:03	VX101725
107-06-2	1,2-Dichloroethane	19.9		1	0.22	1.00	ug/L	10/17/25 14:03	VX101725
79-01-6	Trichloroethene	19.5		1	0.090	1.00	ug/L	10/17/25 14:03	VX101725
78-87-5	1,2-Dichloropropane	19.3		1	0.20	1.00	ug/L	10/17/25 14:03	VX101725
75-27-4	Bromodichloromethane	19.3		1	0.22	1.00	ug/L	10/17/25 14:03	VX101725
108-10-1	4-Methyl-2-Pentanone	110		1	0.68	5.00	ug/L	10/17/25 14:03	VX101725
108-88-3	Toluene	20.1		1	0.14	1.00	ug/L	10/17/25 14:03	VX101725
10061-02-6	t-1,3-Dichloropropene	19.4		1	0.17	1.00	ug/L	10/17/25 14:03	VX101725
10061-01-5	cis-1,3-Dichloropropene	19.5		1	0.16	1.00	ug/L	10/17/25 14:03	VX101725
79-00-5	1,1,2-Trichloroethane	20.6		1	0.21	1.00	ug/L	10/17/25 14:03	VX101725
591-78-6	2-Hexanone	100		1	0.89	5.00	ug/L	10/17/25 14:03	VX101725
124-48-1	Dibromochloromethane	20.5		1	0.18	1.00	ug/L	10/17/25 14:03	VX101725
106-93-4	1,2-Dibromoethane	20.9		1	0.15	1.00	ug/L	10/17/25 14:03	VX101725
127-18-4	Tetrachloroethene	18.9		1	0.23	1.00	ug/L	10/17/25 14:03	VX101725
108-90-7	Chlorobenzene	19.3		1	0.12	1.00	ug/L	10/17/25 14:03	VX101725
100-41-4	Ethyl Benzene	19.4		1	0.13	1.00	ug/L	10/17/25 14:03	VX101725
179601-23-1	m/p-Xylenes	39.5		1	0.24	2.00	ug/L	10/17/25 14:03	VX101725
95-47-6	o-Xylene	19.9		1	0.12	1.00	ug/L	10/17/25 14:03	VX101725
100-42-5	Styrene	20.0		1	0.15	1.00	ug/L	10/17/25 14:03	VX101725
75-25-2	Bromoform	19.0		1	0.19	1.00	ug/L	10/17/25 14:03	VX101725

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	The Wills Building	Date Received:	
Client Sample ID:	VX1017WBS01	SDG No.:	Q3311
Lab Sample ID:	VX1017WBS01	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	19.8		1	0.12	1.00	ug/L	10/17/25 14:03	VX101725
79-34-5	1,1,2,2-Tetrachloroethane	19.3		1	0.26	1.00	ug/L	10/17/25 14:03	VX101725
541-73-1	1,3-Dichlorobenzene	19.0		1	0.16	1.00	ug/L	10/17/25 14:03	VX101725
106-46-7	1,4-Dichlorobenzene	18.8		1	0.19	1.00	ug/L	10/17/25 14:03	VX101725
95-50-1	1,2-Dichlorobenzene	18.9		1	0.16	1.00	ug/L	10/17/25 14:03	VX101725
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1	0.53	1.00	ug/L	10/17/25 14:03	VX101725
120-82-1	1,2,4-Trichlorobenzene	19.1		1	0.20	1.00	ug/L	10/17/25 14:03	VX101725
87-61-6	1,2,3-Trichlorobenzene	19.4		1	0.20	1.00	ug/L	10/17/25 14:03	VX101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	43.7			74 - 125	87%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.2			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	48.1			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.9			77 - 121	96%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	157000							
540-36-3	1,4-Difluorobenzene	249000							
3114-55-4	Chlorobenzene-d5	238000							
3855-82-1	1,4-Dichlorobenzene-d4	113000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048209.D
Acq On : 17 Oct 2025 14:03
Operator : JC/MD
Sample : VX1017WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 18 00:17:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	157010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	248908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	238012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	112861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106326	43.712	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 87.420%			
35) Dibromofluoromethane	5.373	113	88411	51.179	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.360%			
50) Toluene-d8	8.635	98	299387	48.107	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.220%			
62) 4-Bromofluorobenzene	11.061	95	108470	47.853	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	30110	18.272	ug/l	95
3) Chloromethane	1.301	50	36990	18.528	ug/l	100
4) Vinyl Chloride	1.380	62	39303	18.683	ug/l	97
5) Bromomethane	1.618	94	26832	19.181	ug/l	85
6) Chloroethane	1.697	64	24006	17.932	ug/l	96
7) Trichlorofluoromethane	1.898	101	58645	17.761	ug/l	99
8) Diethyl Ether	2.136	74	18866	16.751	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	36206	19.458	ug/l	97
10) Methyl Iodide	2.459	142	37969	17.036	ug/l	98
11) Tert butyl alcohol	2.941	59	16068	99.557	ug/l	100
12) 1,1-Dichloroethene	2.325	96	34747	19.098	ug/l	97
13) Acrolein	2.240	56	33337	98.285	ug/l	97
14) Allyl chloride	2.666	41	59307	18.122	ug/l	97
15) Acrylonitrile	3.056	53	79131	102.319	ug/l	99
16) Acetone	2.374	43	71466	86.128	ug/l	92
17) Carbon Disulfide	2.514	76	105072	18.770	ug/l	98
18) Methyl Acetate	2.703	43	31977	18.921	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	105416	19.235	ug/l	99
20) Methylene Chloride	2.788	84	37881	18.740	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	37759	20.061	ug/l	96
22) Diisopropyl ether	3.751	45	119467	18.642	ug/l	98
23) Vinyl Acetate	3.715	43	452806	94.497	ug/l	100
24) 1,1-Dichloroethane	3.605	63	65904	18.127	ug/l	99
25) 2-Butanone	4.538	43	92133	95.306	ug/l	96
26) 2,2-Dichloropropane	4.465	77	54738	17.615	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	40699	18.219	ug/l	99
28) Bromochloromethane	4.885	49	31672	18.899	ug/l	99
29) Tetrahydrofuran	4.989	42	56880	100.192	ug/l	99
30) Chloroform	5.080	83	69488	18.154	ug/l	98
31) Cyclohexane	5.465	56	62035	20.853	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	62355	19.827	ug/l	98
36) 1,1-Dichloropropene	5.684	75	48361	19.873	ug/l	97
37) Ethyl Acetate	4.702	43	37880	19.477	ug/l	98
38) Carbon Tetrachloride	5.666	117	55723	19.949	ug/l	95
39) Methylcyclohexane	7.367	83	56194	20.480	ug/l	97
40) Benzene	6.032	78	140774	19.481	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048209.D
Acq On : 17 Oct 2025 14:03
Operator : JC/MD
Sample : VX1017WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 18 00:17:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	21229	20.382	ug/l		99
42) 1,2-Dichloroethane	6.080	62	51600	19.931	ug/l		100
43) Isopropyl Acetate	6.324	43	65065	19.930	ug/l		99
44) Trichloroethene	7.111	130	35571	19.532	ug/l		96
45) 1,2-Dichloropropane	7.415	63	35357	19.333	ug/l		98
46) Dibromomethane	7.568	93	25130	19.098	ug/l		99
47) Bromodichloromethane	7.806	83	54902	19.305	ug/l		97
48) Methyl methacrylate	7.678	41	32876	19.672	ug/l		99
49) 1,4-Dioxane	7.647	88	6796	451.757	ug/l		97
51) 4-Methyl-2-Pentanone	8.555	43	191122	105.205	ug/l		99
52) Toluene	8.702	92	87476	20.141	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	51564	19.354	ug/l		98
54) cis-1,3-Dichloropropene	8.354	75	56663	19.512	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	33335	20.571	ug/l		98
56) Ethyl methacrylate	9.104	69	47159	21.397	ug/l		99
57) 1,3-Dichloropropane	9.293	76	57528	20.319	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.226	63	136897	109.367	ug/l		99
59) 2-Hexanone	9.415	43	129529	101.935	ug/l		98
60) Dibromochloromethane	9.506	129	41679	20.548	ug/l		99
61) 1,2-Dibromoethane	9.592	107	34752	20.914	ug/l		98
64) Tetrachloroethene	9.257	164	31547	18.903	ug/l		97
65) Chlorobenzene	10.061	112	100187	19.252	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.147	131	35260	18.802	ug/l		99
67) Ethyl Benzene	10.177	91	172737	19.361	ug/l		99
68) m/p-Xylenes	10.287	106	131393	39.531	ug/l		100
69) o-Xylene	10.622	106	62181	19.873	ug/l		97
70) Styrene	10.640	104	107727	20.002	ug/l		100
71) Bromoform	10.781	173	26139	18.981	ug/l	#	98
73) Isopropylbenzene	10.945	105	155506	19.810	ug/l		99
74) N-amyl acetate	10.823	43	58589	20.007	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42974	19.324	ug/l		98
76) 1,2,3-Trichloropropane	11.220	75	33224m	19.278	ug/l		
77) Bromobenzene	11.177	156	36894	18.781	ug/l		98
78) n-propylbenzene	11.287	91	188796	19.833	ug/l		99
79) 2-Chlorotoluene	11.348	91	111935	19.463	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	128993	20.019	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	12898	18.325	ug/l		95
82) 4-Chlorotoluene	11.433	91	132212	19.562	ug/l		99
83) tert-Butylbenzene	11.695	119	129716	19.927	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	129055	20.114	ug/l		99
85) sec-Butylbenzene	11.872	105	162650	20.438	ug/l		99
86) p-Isopropyltoluene	11.994	119	136589	20.362	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	69779	18.994	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	71568	18.794	ug/l		98
89) n-Butylbenzene	12.317	91	124016	19.849	ug/l		100
90) Hexachloroethane	12.518	117	26380	18.632	ug/l		99
91) 1,2-Dichlorobenzene	12.317	146	65429	18.851	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	7737	19.040	ug/l		95
93) 1,2,4-Trichlorobenzene	13.567	180	39156	19.110	ug/l		99
94) Hexachlorobutadiene	13.707	225	16336	20.672	ug/l		97
95) Naphthalene	13.756	128	105740	19.577	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	36752	19.441	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048209.D
Acq On : 17 Oct 2025 14:03
Operator : JC/MD
Sample : VX1017WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 18 00:17:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
Data File : VX048209.D
Acq On : 17 Oct 2025 14:03
Operator : JC/MD
Sample : VX1017WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 18 00:17:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 18 00:06:31 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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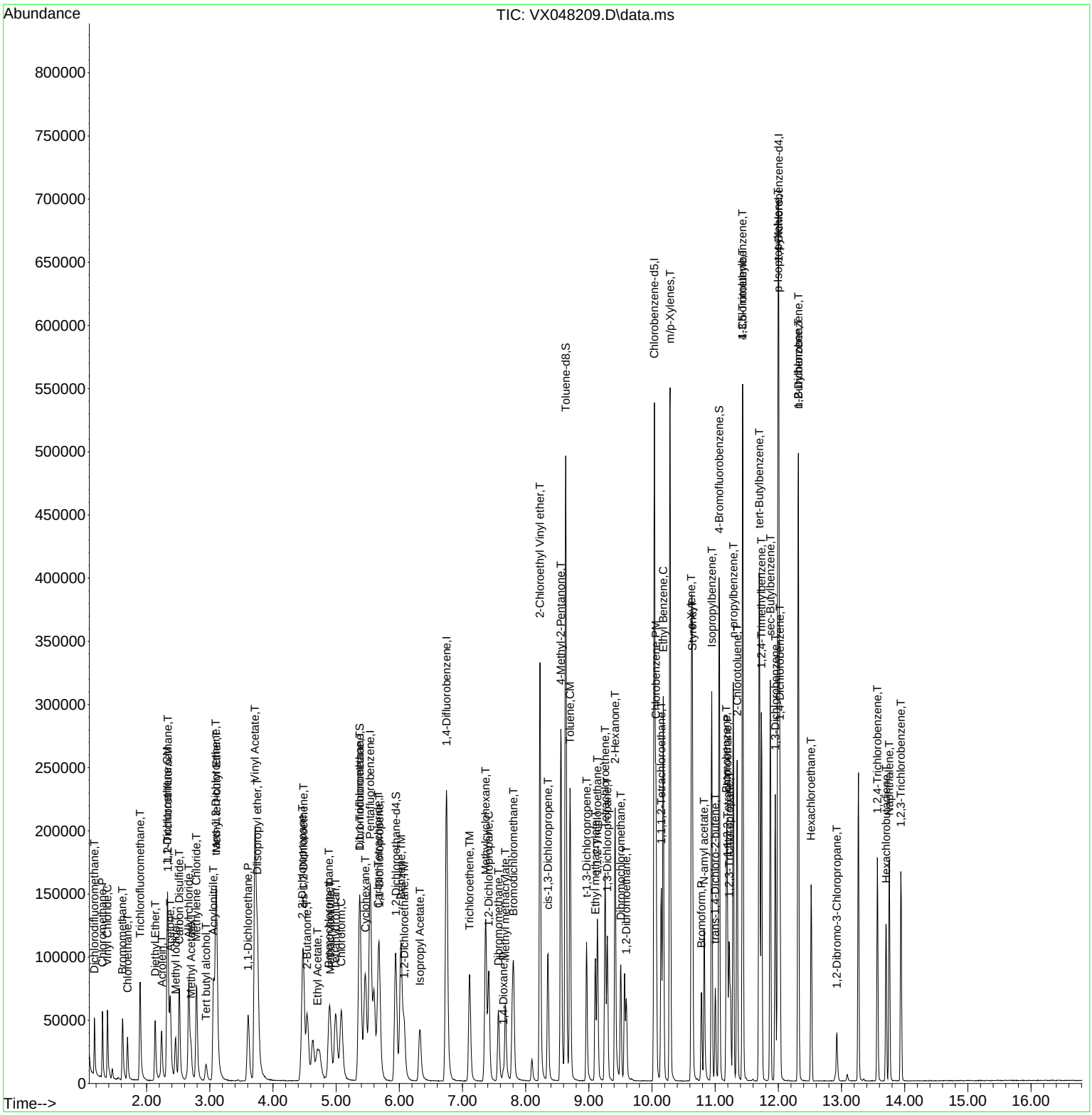
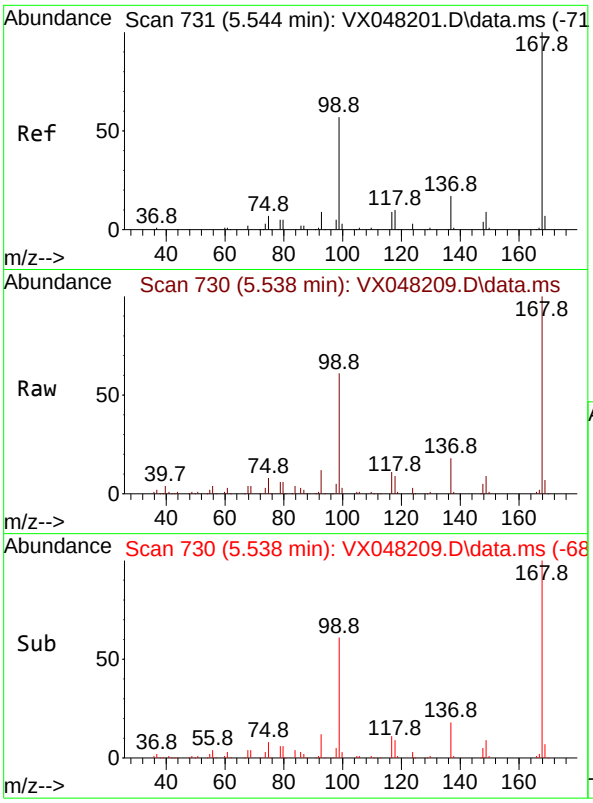
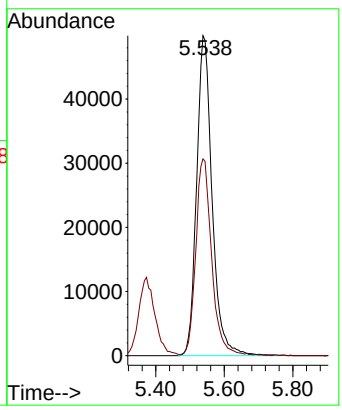




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:168 Resp: 15701

Ion	Ratio	Lower	Upper
168	100		
99	61.4	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
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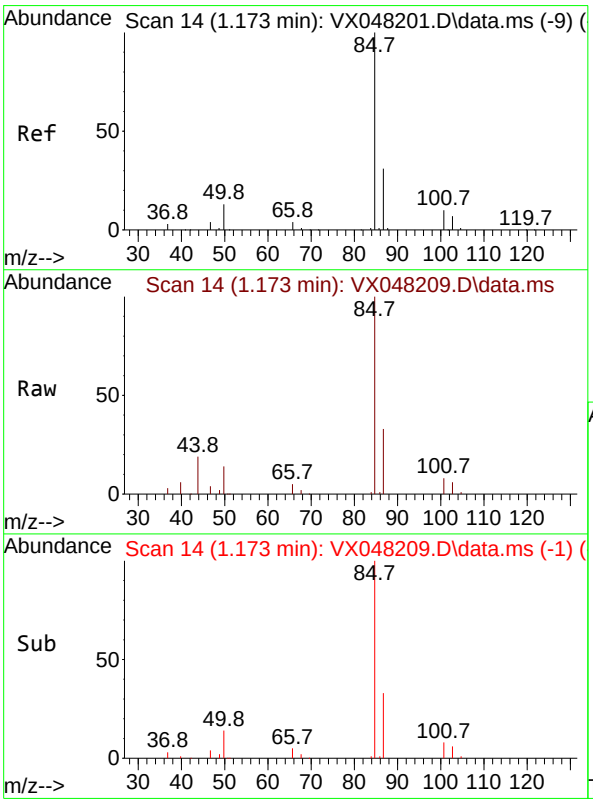
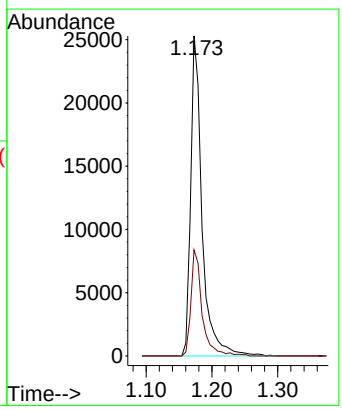
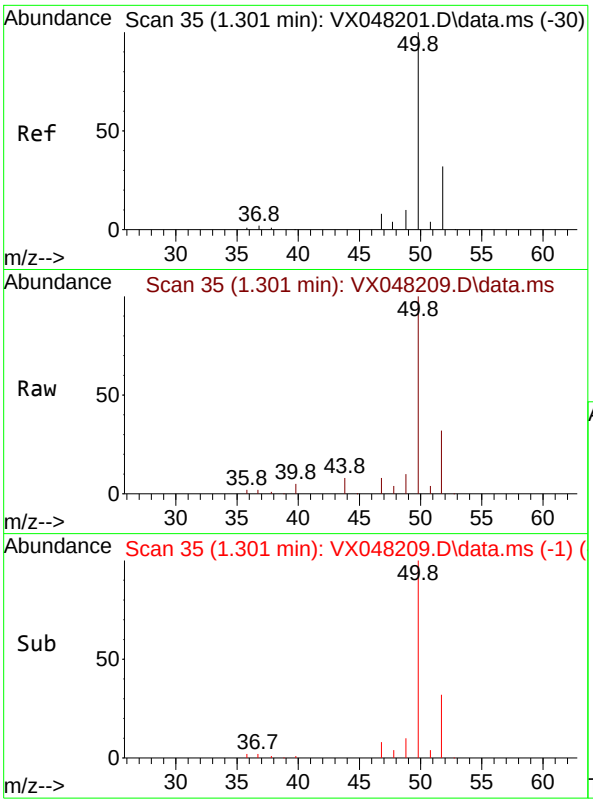


#2
Dichlorodifluoromethane
Concen: 18.272 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 85 Resp: 30110

Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.3	45.9

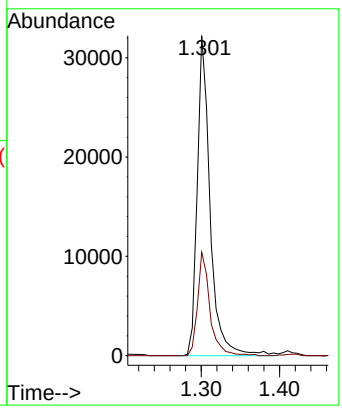




#3
Chloromethane
Concen: 18.528 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 50 Resp: 3699

Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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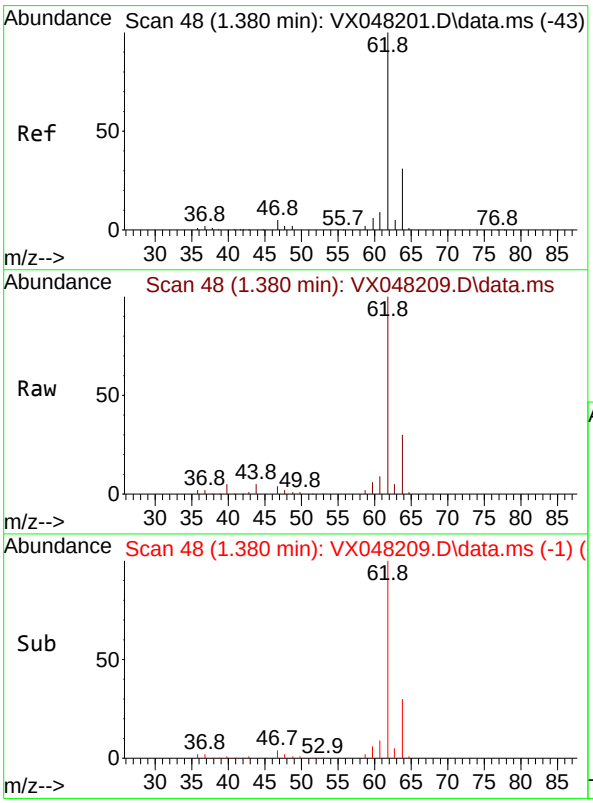
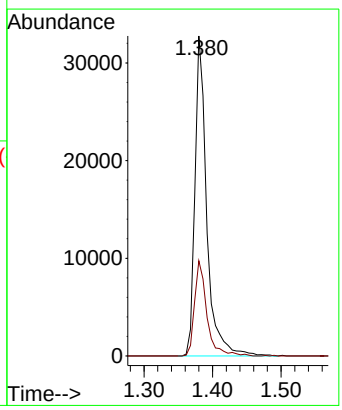
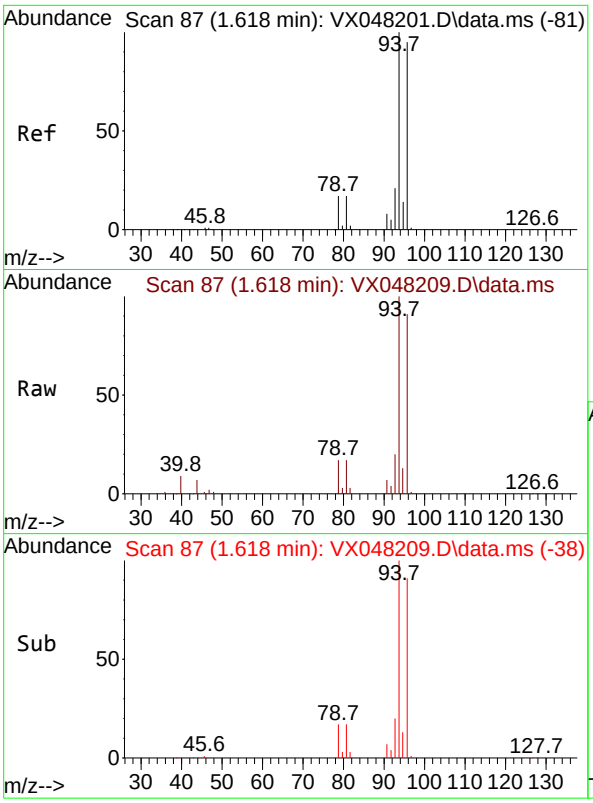


#4
Vinyl Chloride
Concen: 18.683 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 62 Resp: 39303

Ion	Ratio	Lower	Upper
62	100		
64	29.8	25.1	37.7

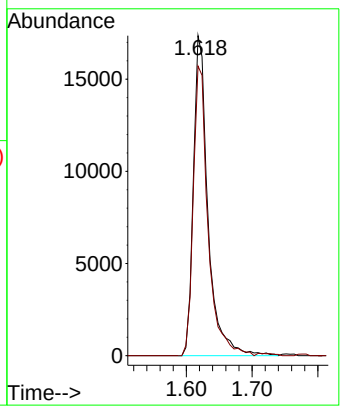




#5
Bromomethane
Concen: 19.181 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 94 Resp: 2683

Ion	Ratio	Lower	Upper
94	100		
96	80.3	76.0	114.0



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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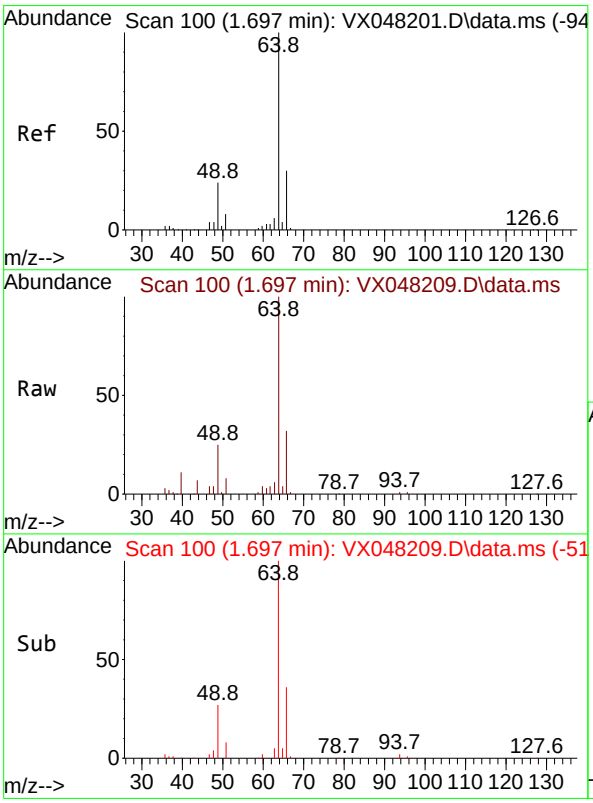
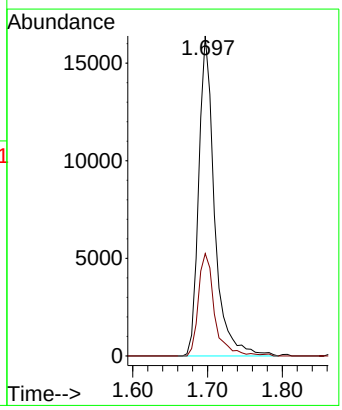
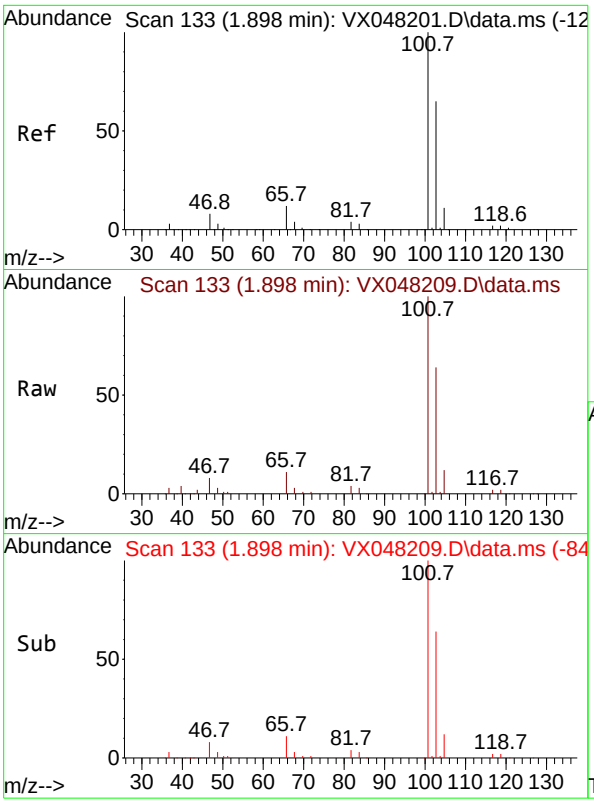


#6
Chloroethane
Concen: 17.932 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 64 Resp: 24006

Ion	Ratio	Lower	Upper
64	100		
66	32.0	23.9	35.9





#7
Trichlorofluoromethane
Concen: 17.761 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:101 Resp: 5864

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.6	77.4

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
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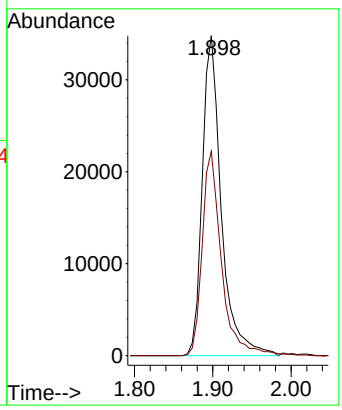
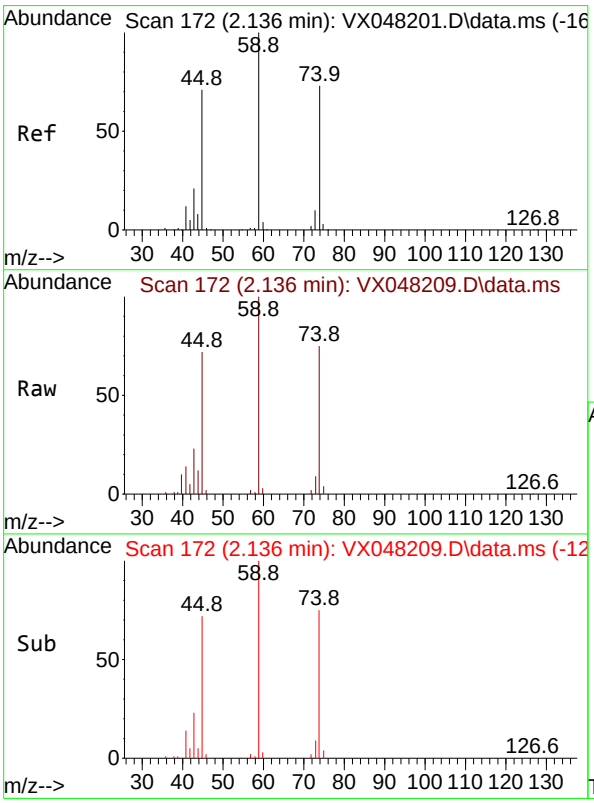
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

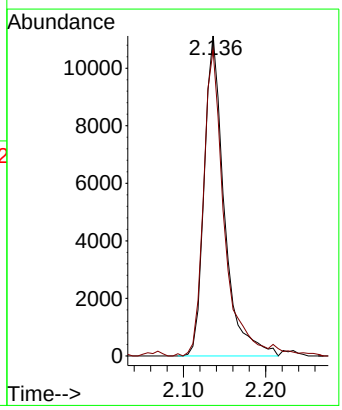


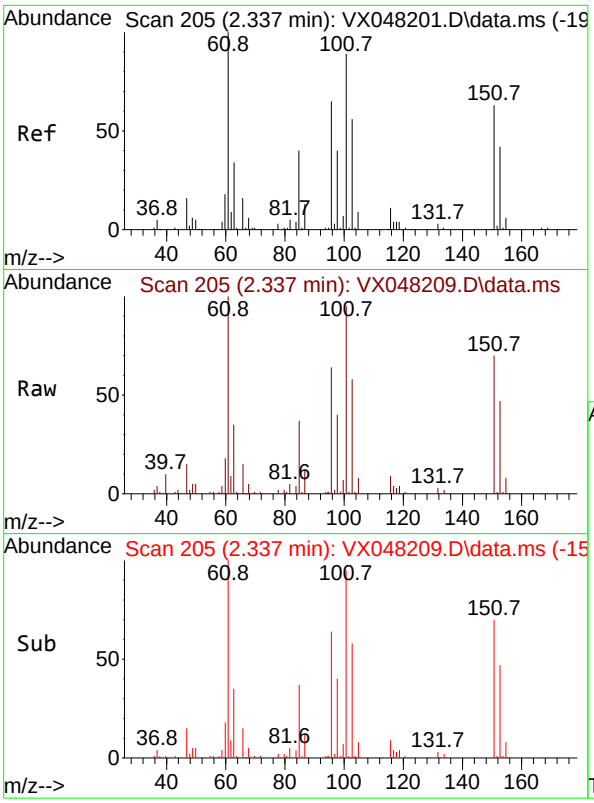


#8
Diethyl Ether
Concen: 16.751 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 74 Resp: 18866

Ion	Ratio	Lower	Upper
74	100		
45	100.6	50.0	149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.458 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:101 Resp: 3620

Ion	Ratio	Lower	Upper
101	100		
85	41.4	35.6	53.4
151	73.6	58.0	87.0

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
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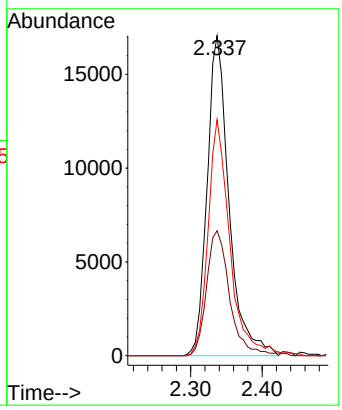
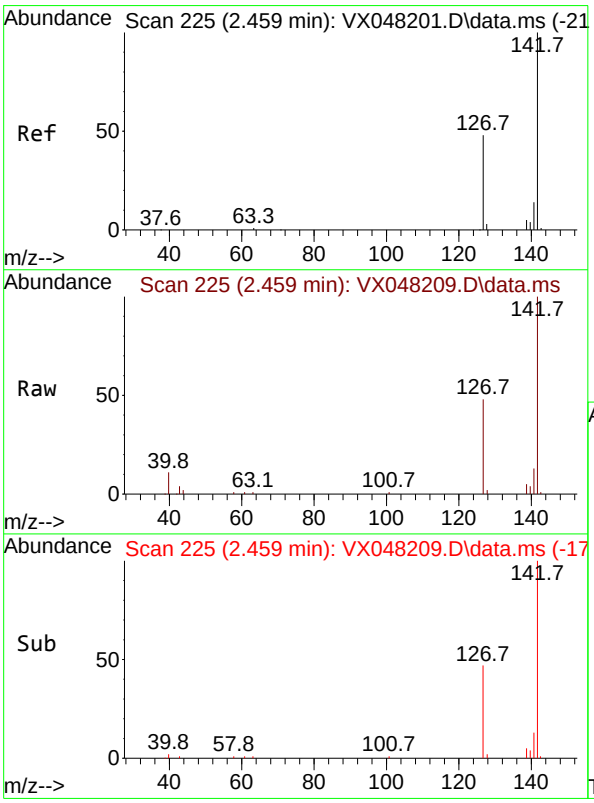
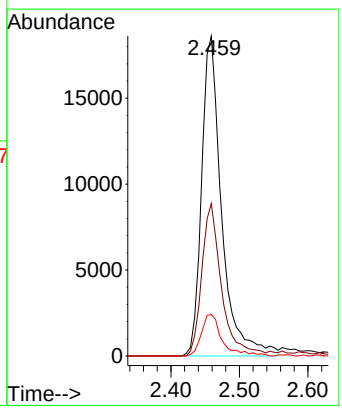


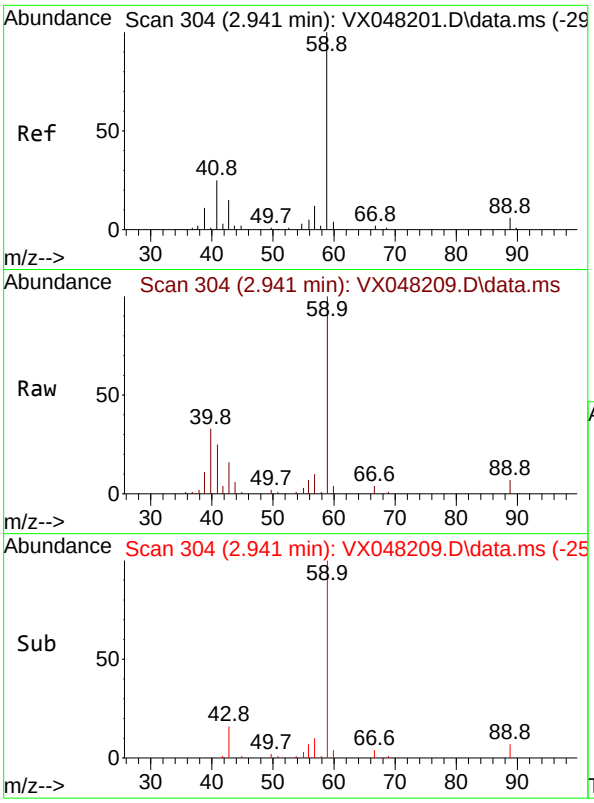


#10
Methyl Iodide
Concen: 17.036 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:142 Resp: 37969

Ion	Ratio	Lower	Upper
142	100		
127	46.6	38.5	57.7
141	13.3	11.6	17.4

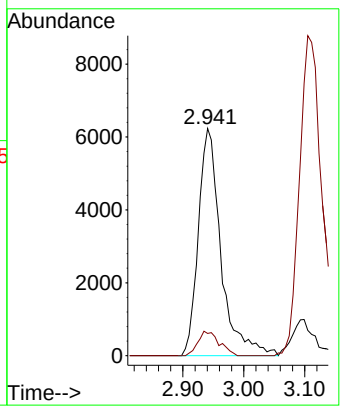




#11
Tert butyl alcohol
Concen: 99.557 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 59 Resp: 1606

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
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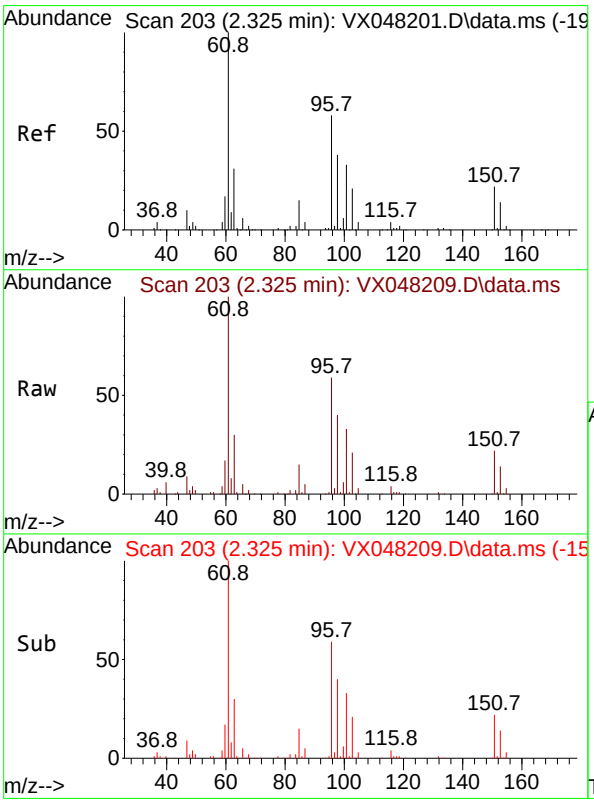
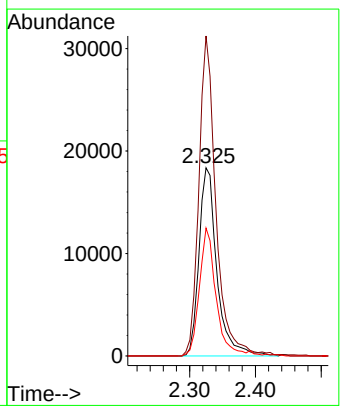
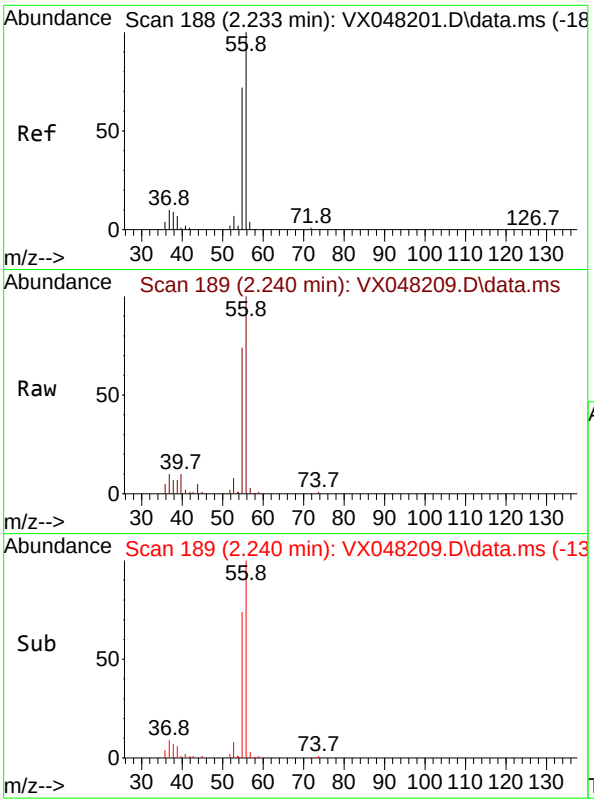


#12
1,1-Dichloroethene
Concen: 19.098 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 96 Resp: 34747

Ion	Ratio	Lower	Upper
96	100		
61	170.0	139.0	208.6
98	68.0	52.4	78.6

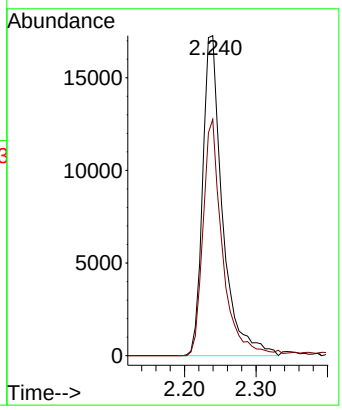




#13
Acrolein
Concen: 98.285 ug/l
RT: 2.240 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 56 Resp: 3333

Ion	Ratio	Lower	Upper
56	100		
55	72.3	56.1	84.1



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
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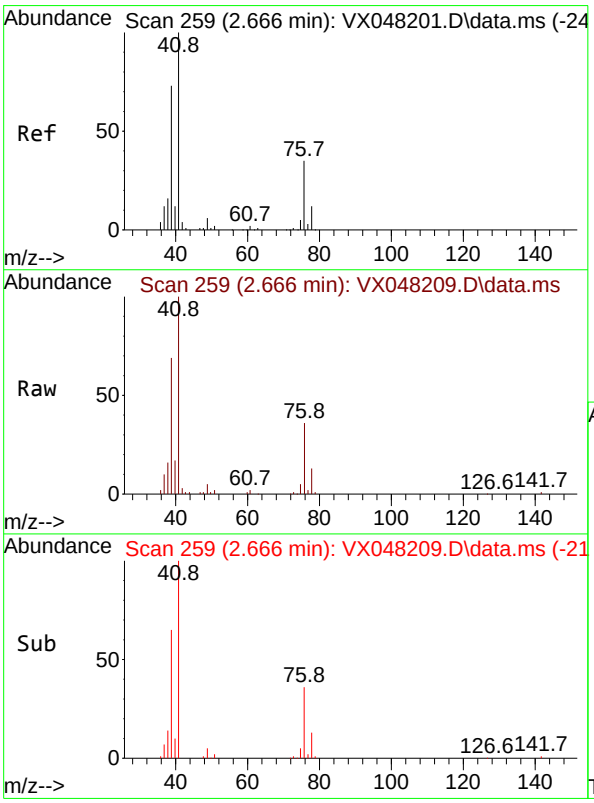
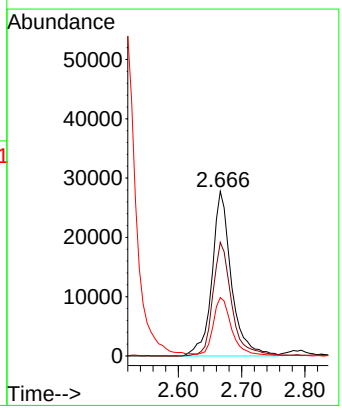
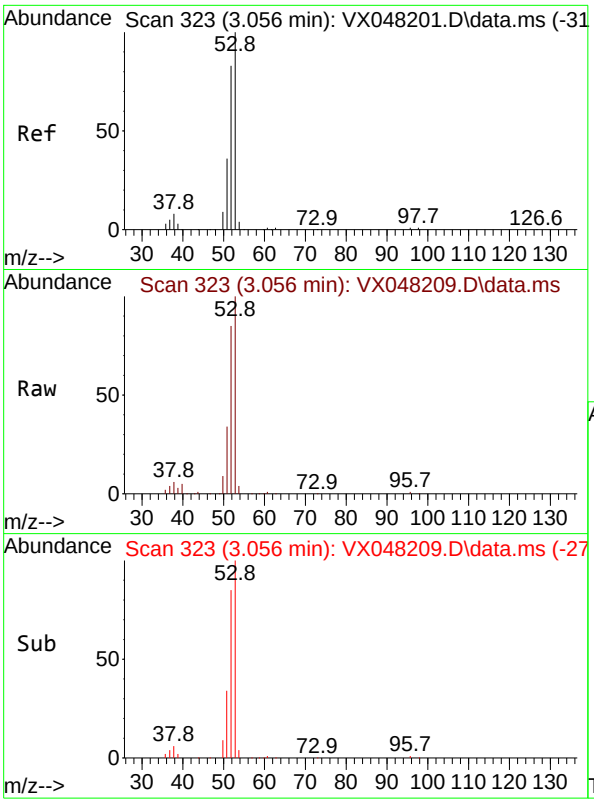


#14
Allyl chloride
Concen: 18.122 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 41 Resp: 59307

Ion	Ratio	Lower	Upper
41	100		
39	66.7	56.0	84.0
76	33.3	27.5	41.3





#15
Acrylonitrile
Concen: 102.319 ug/l
RT: 3.056 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 53 Resp: 7913

Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.1	99.1
51	36.0	29.0	43.4

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
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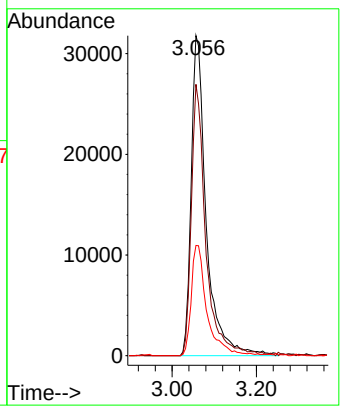
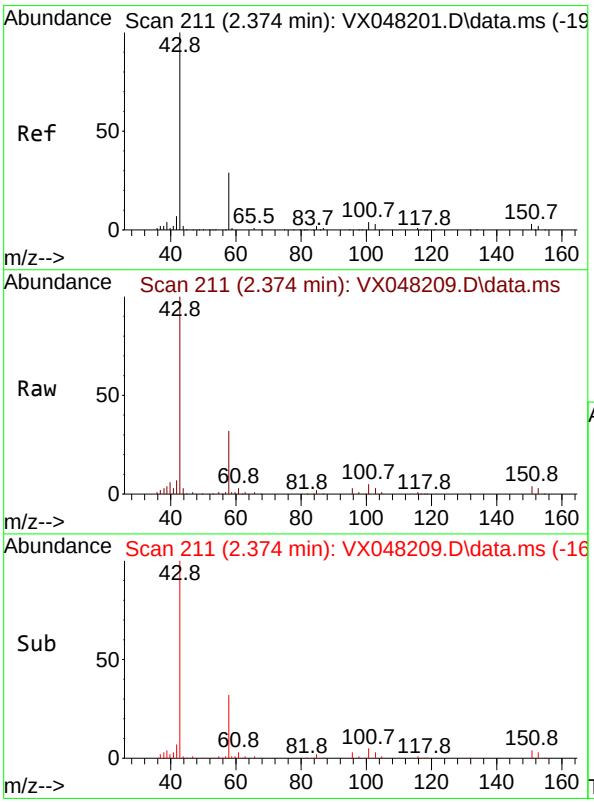
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

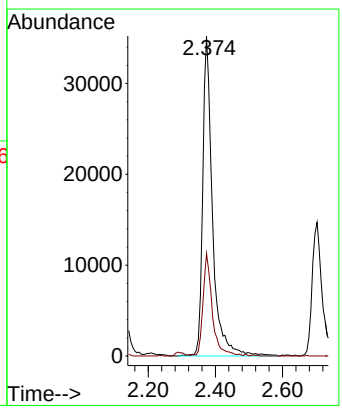


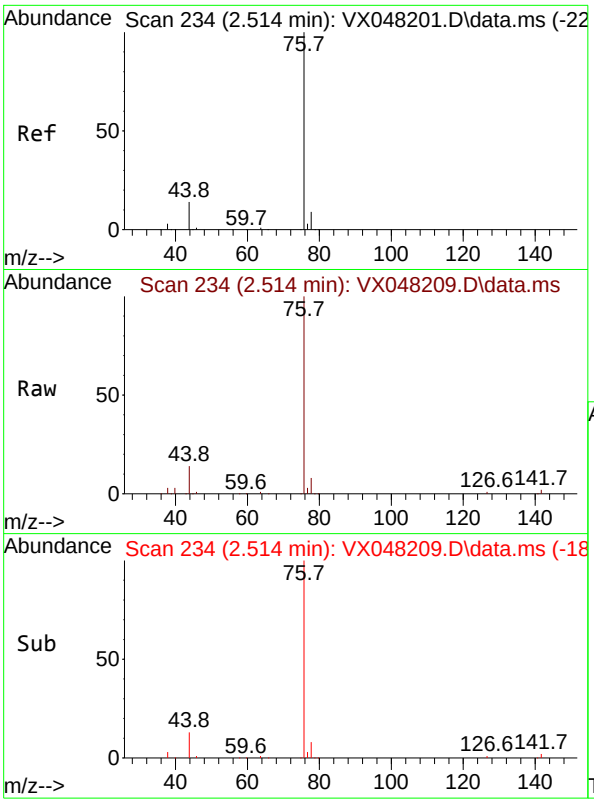


#16
Acetone
Concen: 86.128 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 71466

Ion	Ratio	Lower	Upper
43	100		
58	33.8	23.4	35.2

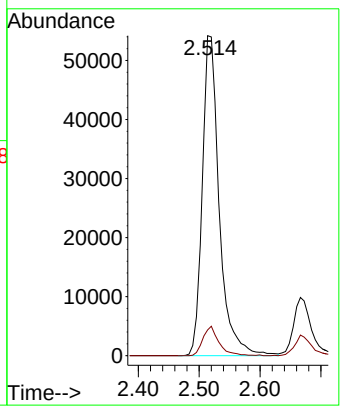




#17
Carbon Disulfide
Concen: 18.770 ug/l
RT: 2.514 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 76 Resp: 10507

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.1	10.7



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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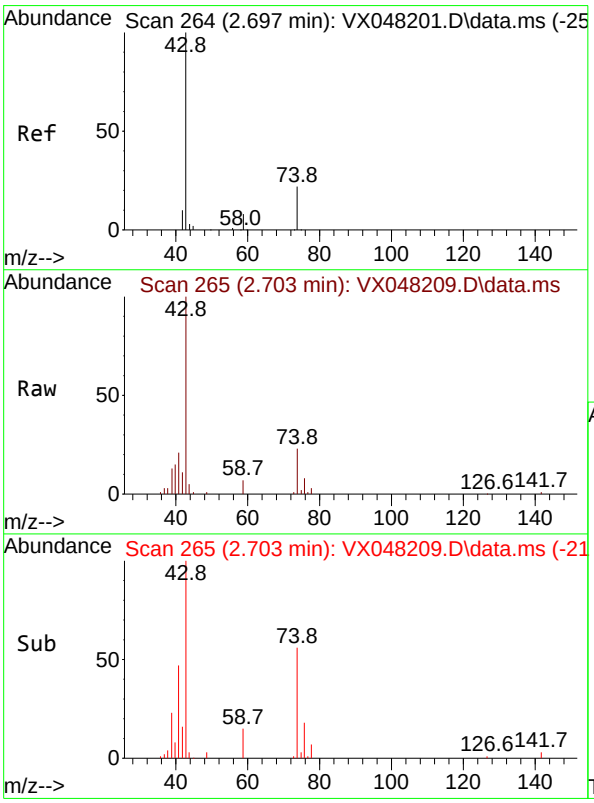
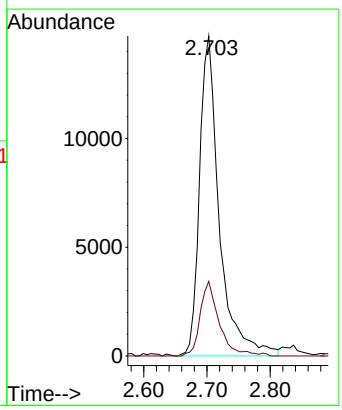
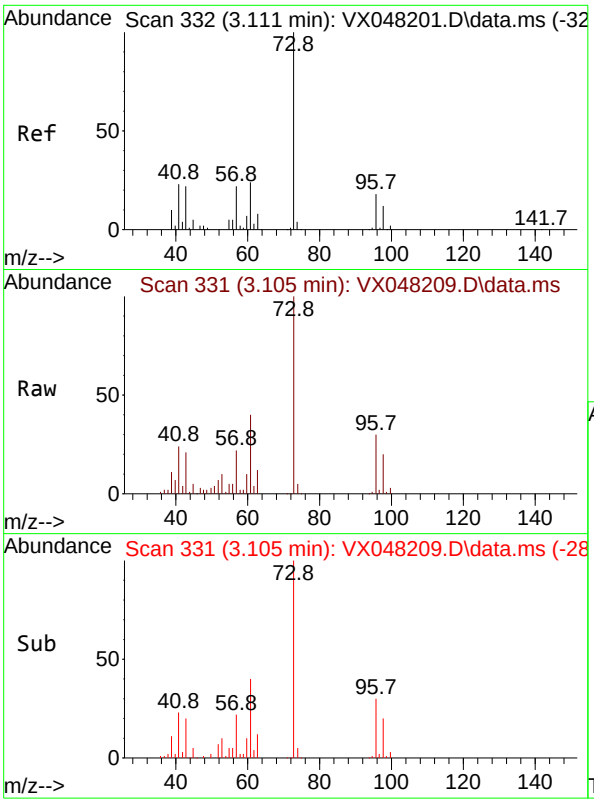


#18
Methyl Acetate
Concen: 18.921 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 31977

Ion	Ratio	Lower	Upper
43	100		
74	22.5	17.5	26.3

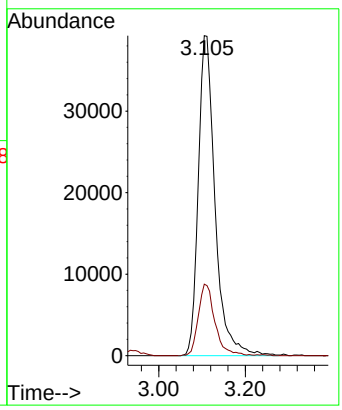




#19
Methyl tert-butyl Ether
Concen: 19.235 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 73 Resp: 10541

Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.7	26.5



Instrument :
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ClientSampleId :
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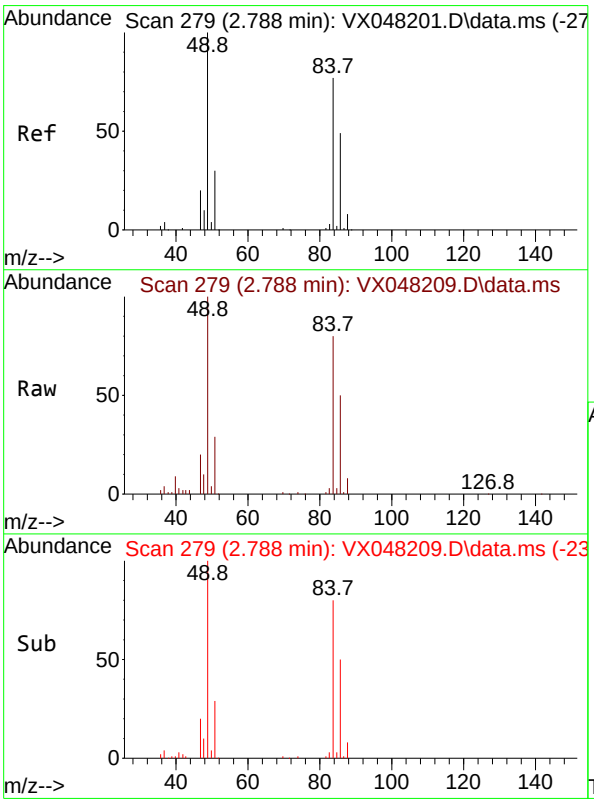
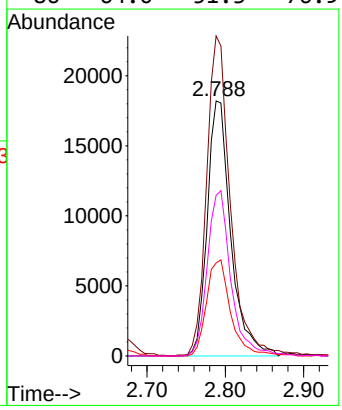
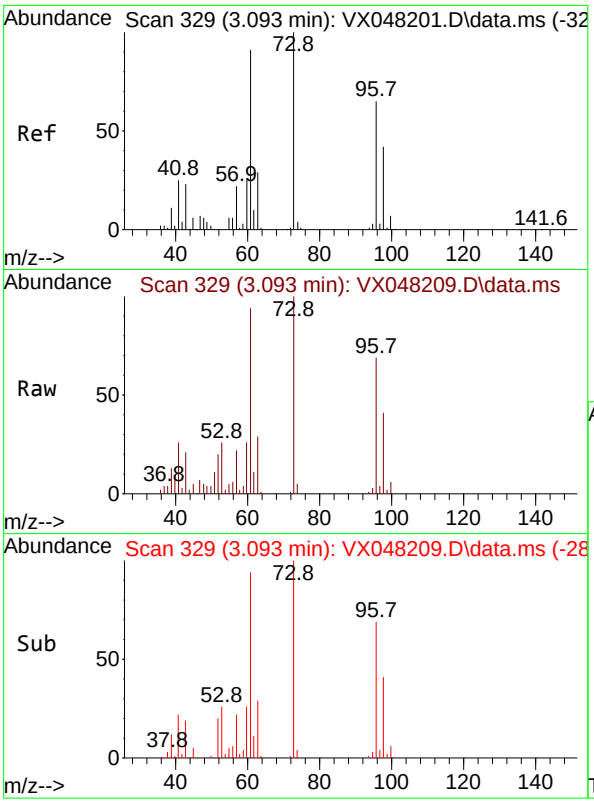


#20
Methylene Chloride
Concen: 18.740 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 84 Resp: 37881

Ion	Ratio	Lower	Upper
84	100		
49	125.1	104.1	156.1
51	36.4	31.3	46.9
86	64.0	51.3	76.9

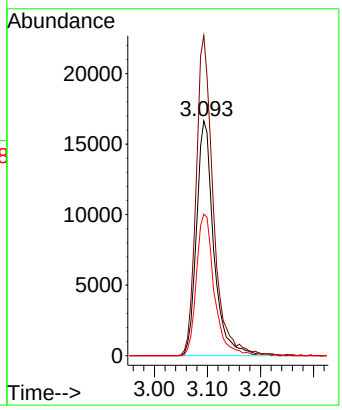




#21
trans-1,2-Dichloroethene
Concen: 20.061 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 96 Resp: 3775

Ion	Ratio	Lower	Upper
96	100		
61	136.2	111.9	167.9
98	60.2	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
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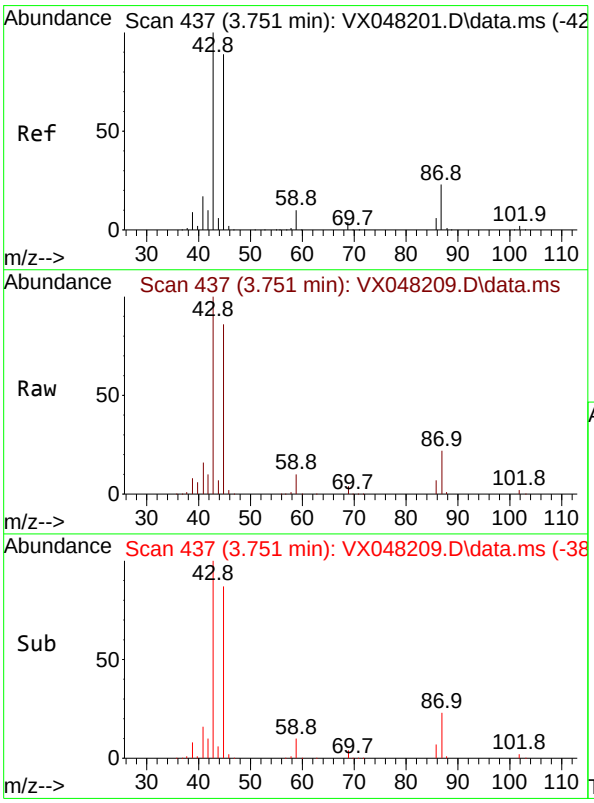
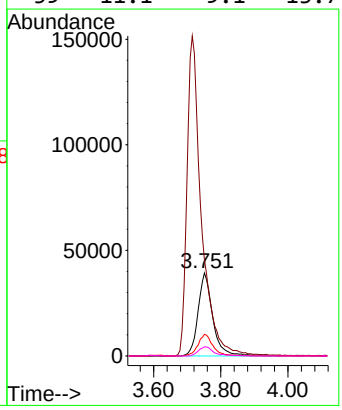
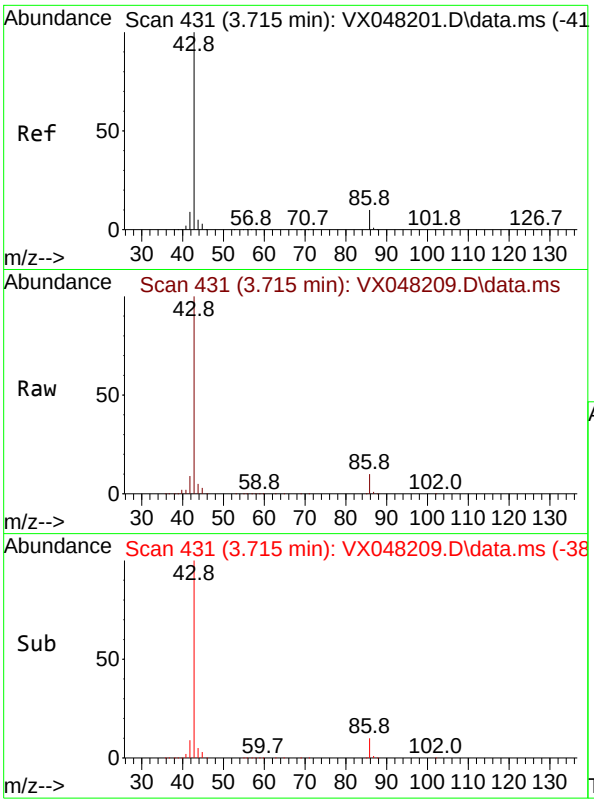


#22
Diisopropyl ether
Concen: 18.642 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 45 Resp: 119467

Ion	Ratio	Lower	Upper
45	100		
43	114.6	89.8	134.8
87	26.0	20.6	31.0
59	11.1	9.1	13.7





#23
Vinyl Acetate
Concen: 94.497 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 45280

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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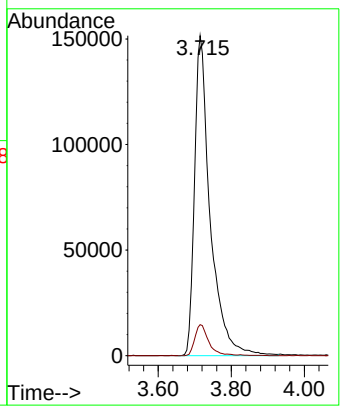
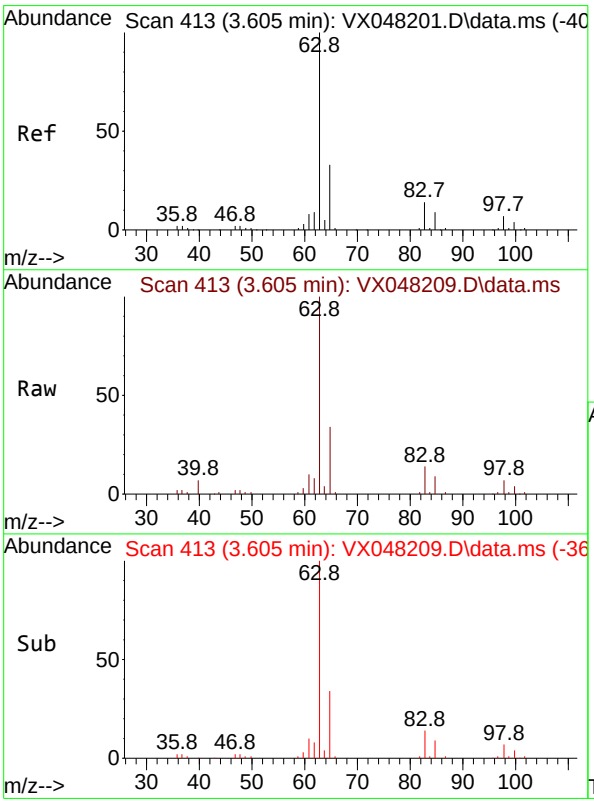
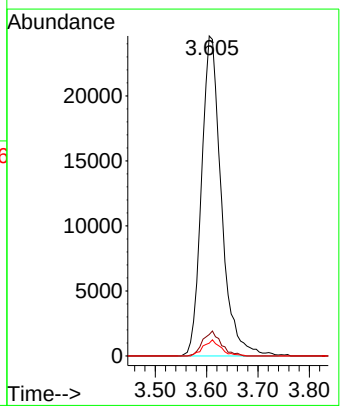


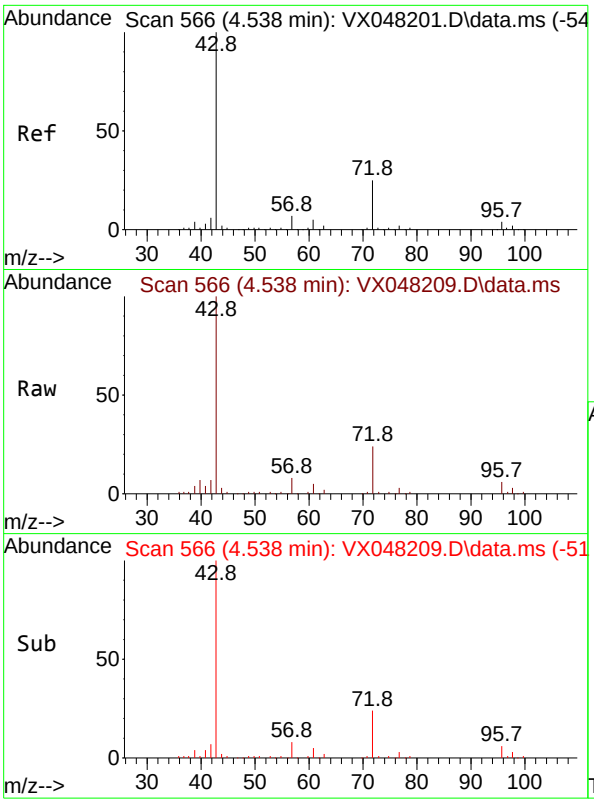


#24
1,1-Dichloroethane
Concen: 18.127 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 63 Resp: 65904

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.5	10.6
100	4.0	2.1	6.3

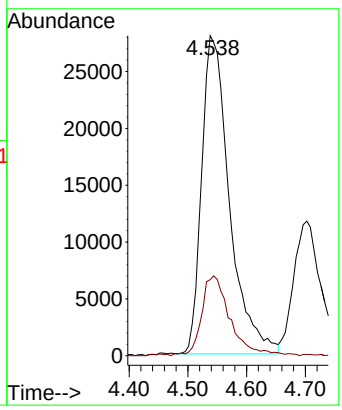




#25
2-Butanone
Concen: 95.306 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 9213

Ion	Ratio	Lower	Upper
43	100		
72	22.9	19.9	29.9



Instrument :
MSVOA_X
ClientSampleId :
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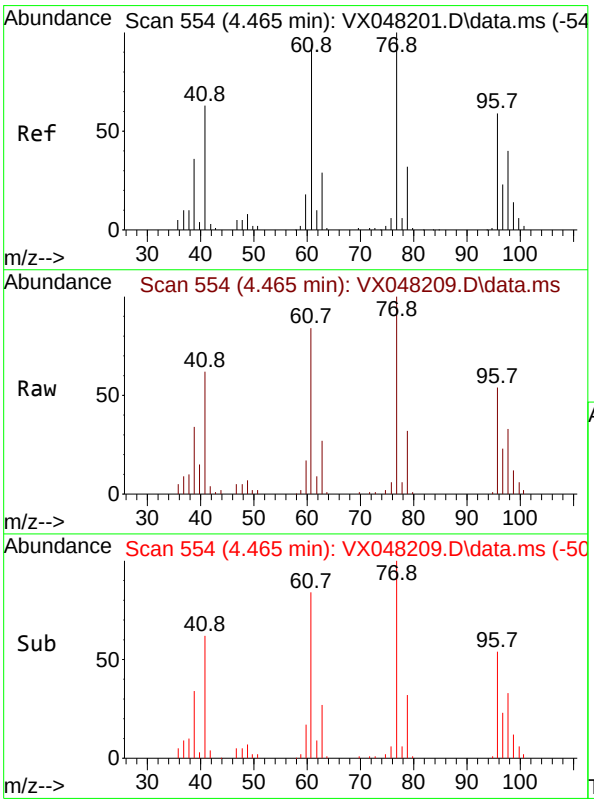
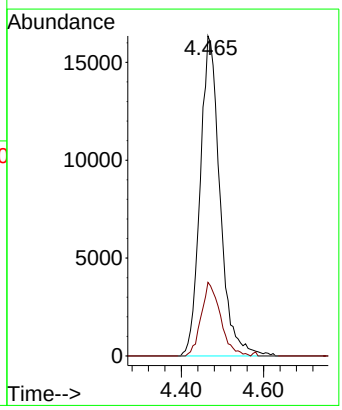
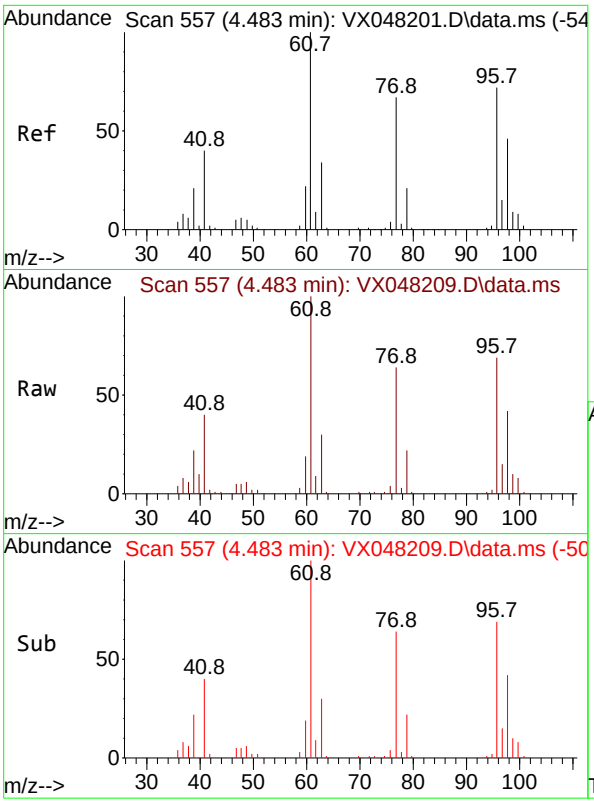


#26
2,2-Dichloropropane
Concen: 17.615 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 77 Resp: 54738

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.1	33.3

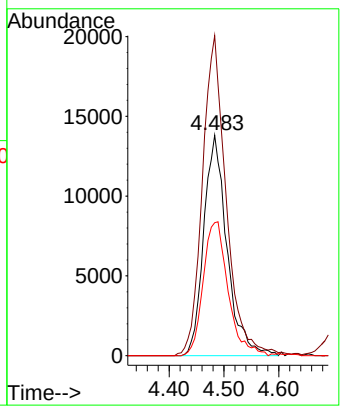




#27
cis-1,2-Dichloroethene
Concen: 18.219 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 96 Resp: 4069

Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	294.2
98	64.9	0.0	128.4



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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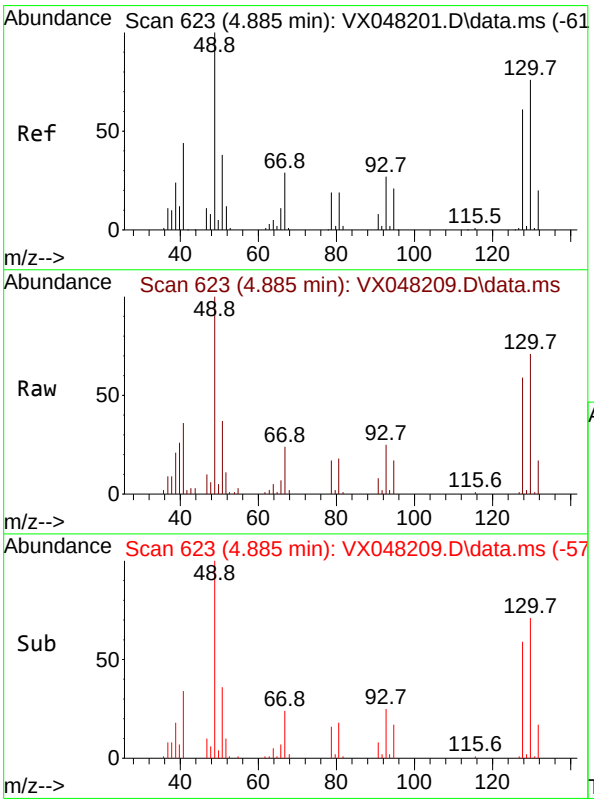
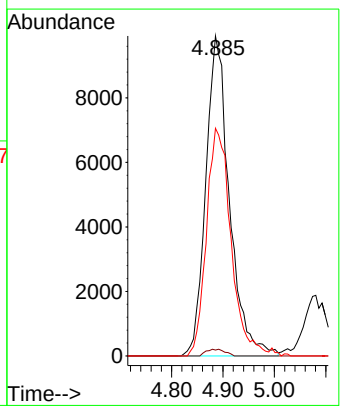
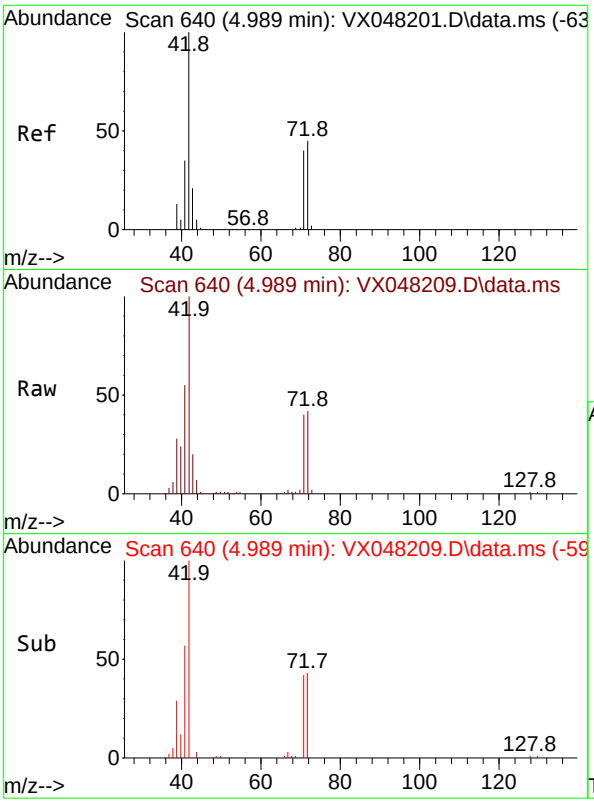


#28
Bromochloromethane
Concen: 18.899 ug/l
RT: 4.885 min Scan# 623
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 49 Resp: 31672

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	73.6	59.3	88.9





#29
Tetrahydrofuran
Concen: 100.192 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 42 Resp: 5688

Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.3	52.9
71	39.8	32.2	48.4

Instrument :
MSVOA_X
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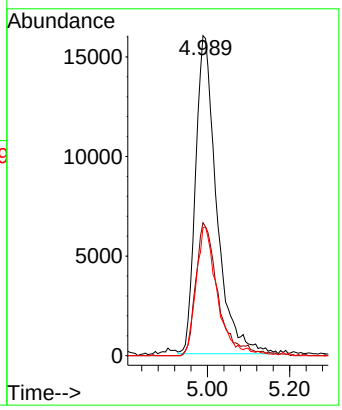
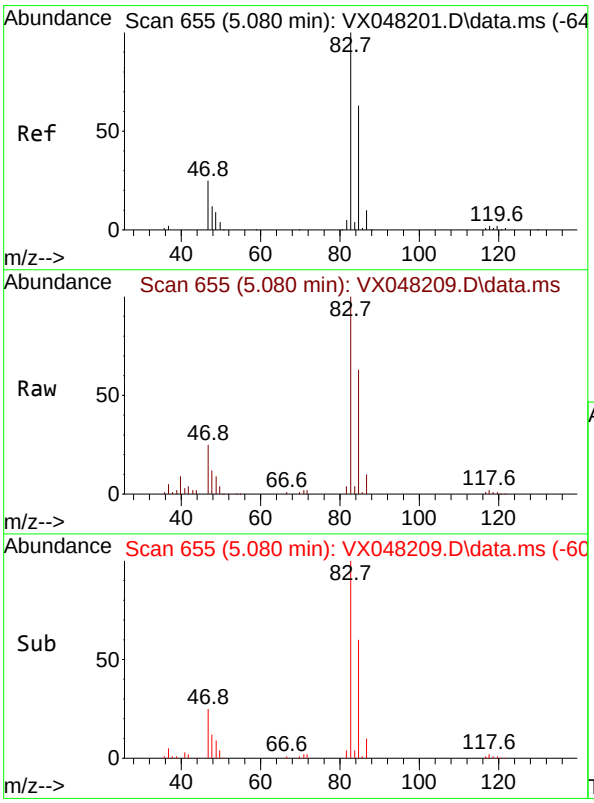
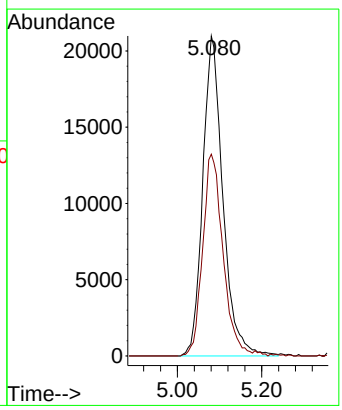


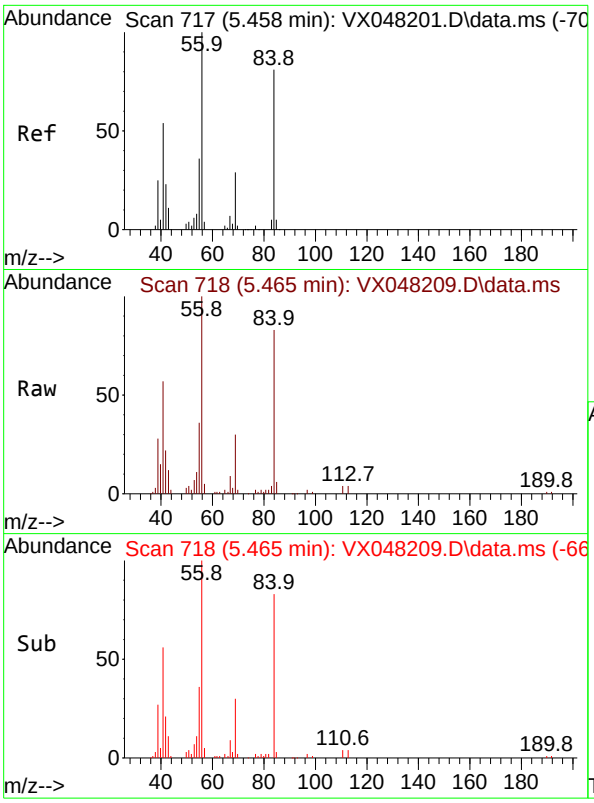


#30
Chloroform
Concen: 18.154 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 83 Resp: 69488

Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.1	75.1

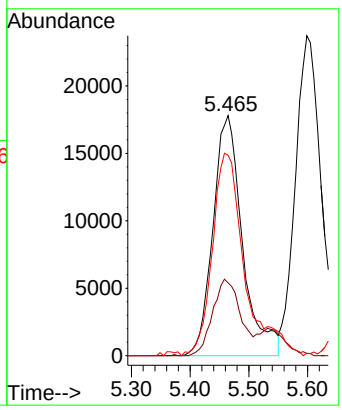




#31
Cyclohexane
Concen: 20.853 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 56 Resp: 6203

Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.0	34.6
84	81.8	64.6	97.0



Instrument :
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ClientSampleId :
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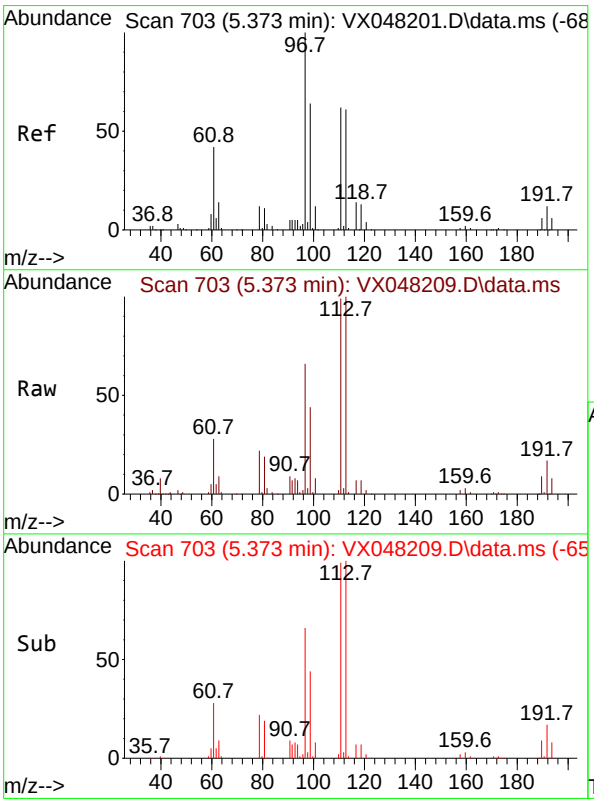
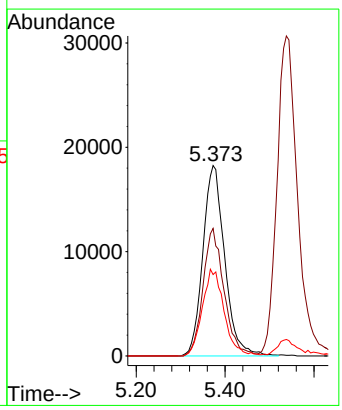
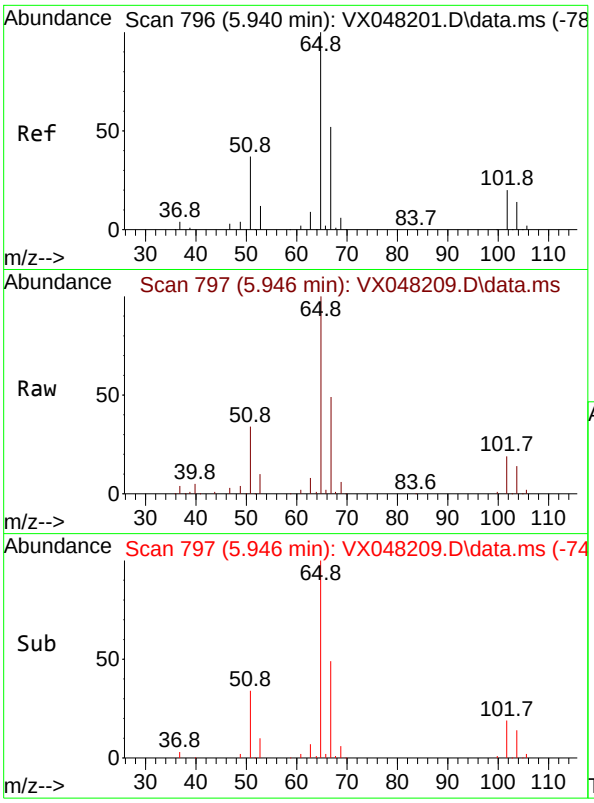


#32
1,1,1-Trichloroethane
Concen: 19.827 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 97 Resp: 62355

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	45.6	34.8	52.2

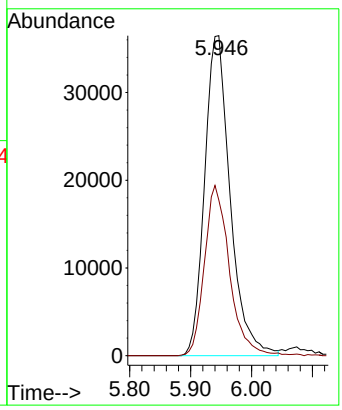




#33
1,2-Dichloroethane-d4
Concen: 43.712 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 65 Resp: 10632

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.0



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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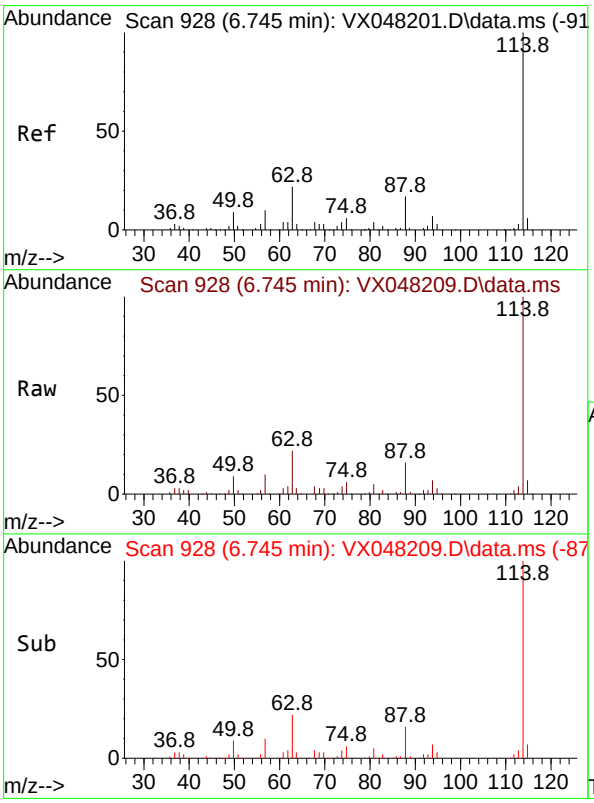
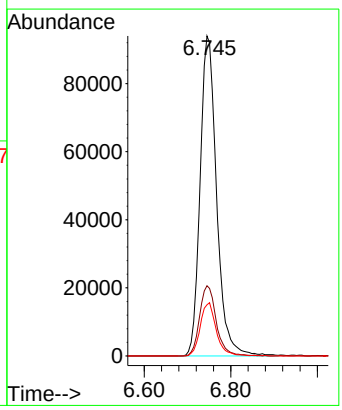
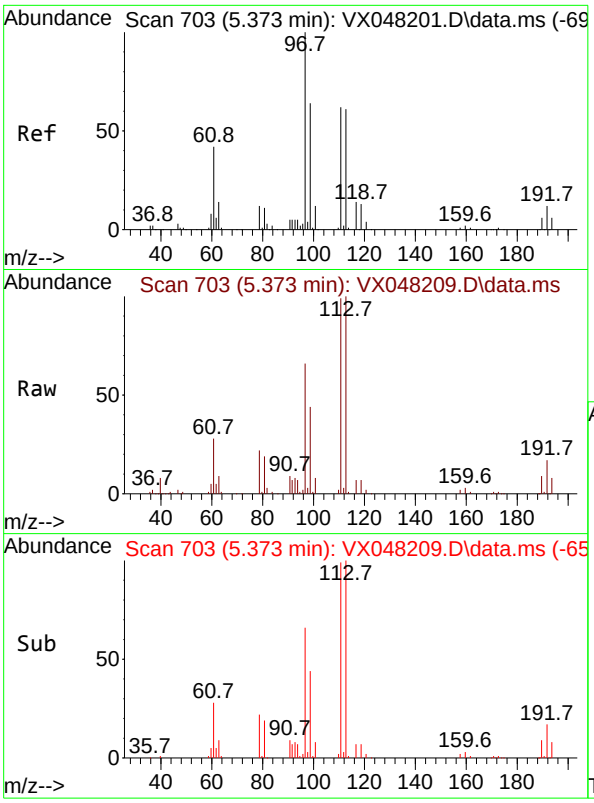


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:114 Resp: 248908

Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	43.2
88	16.0	0.0	33.6

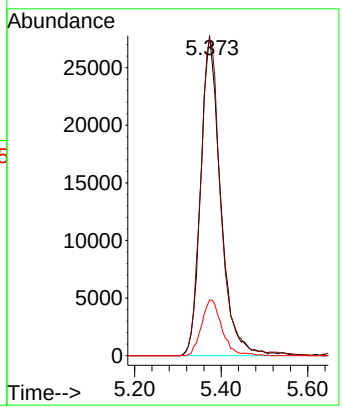




#35
Dibromofluoromethane
Concen: 51.179 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:113 Resp: 8841

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	18.0	15.1	22.7



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
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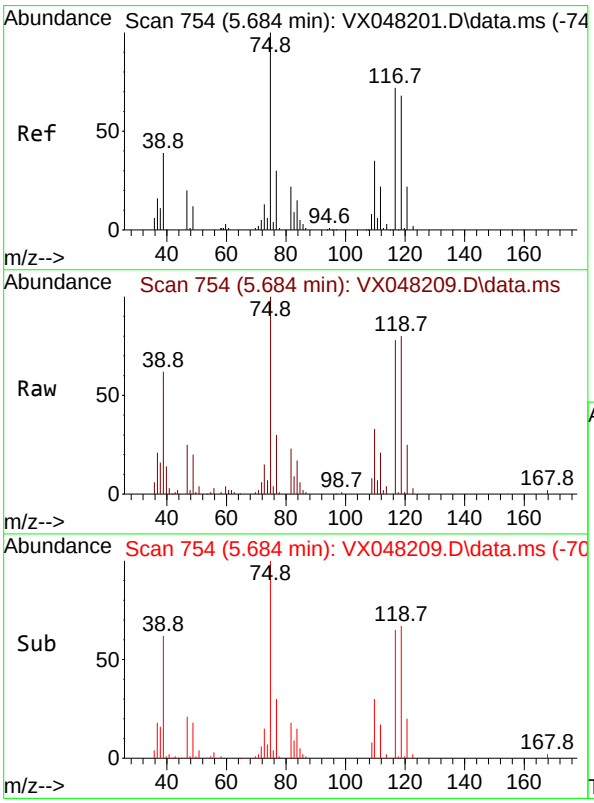
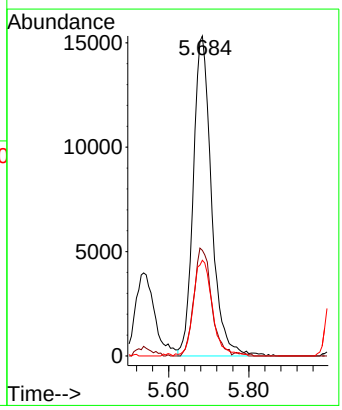
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

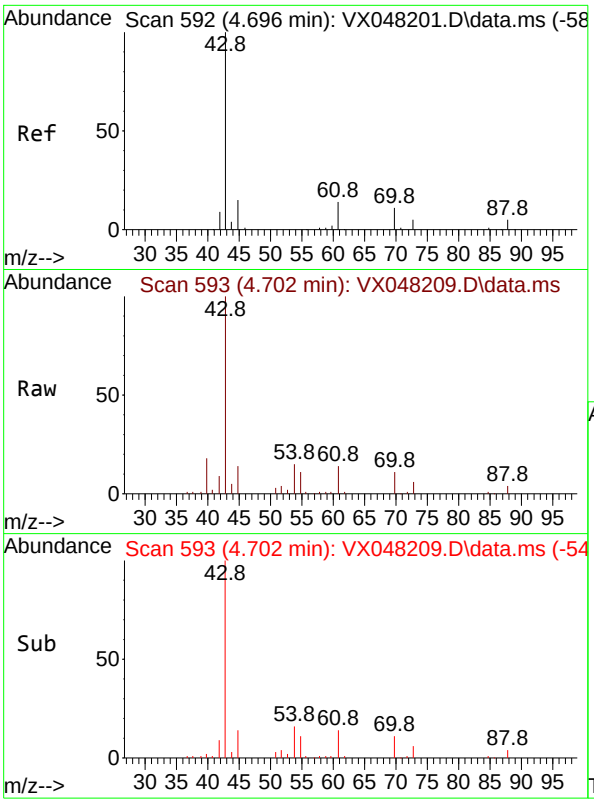


#36
1,1-Dichloropropene
Concen: 19.873 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 75 Resp: 48361

Ion	Ratio	Lower	Upper
75	100		
110	32.7	17.7	53.1
77	31.2	24.3	36.5

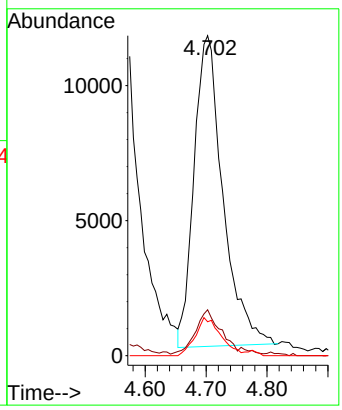




#37
Ethyl Acetate
Concen: 19.477 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 3788

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.6	15.8
70	11.1	7.8	11.6



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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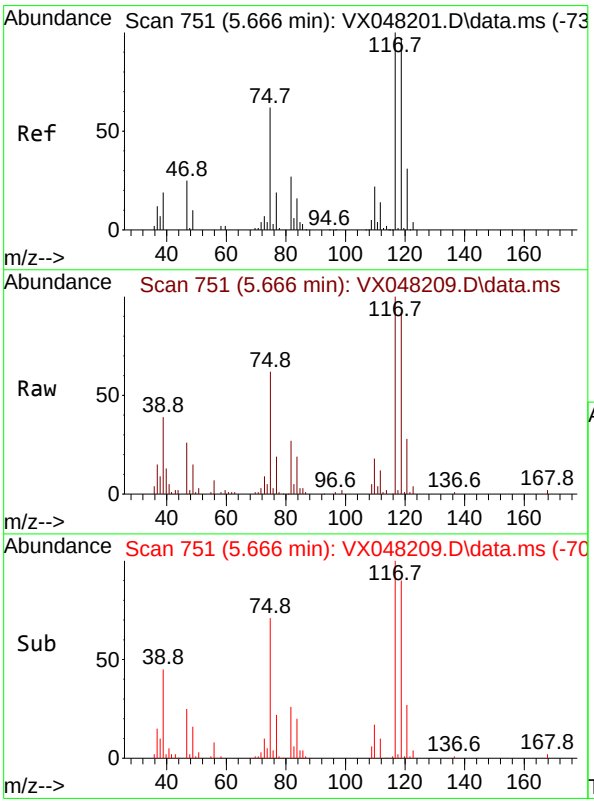
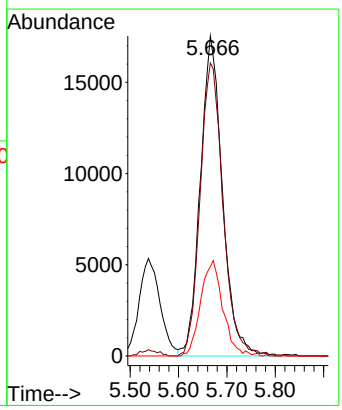
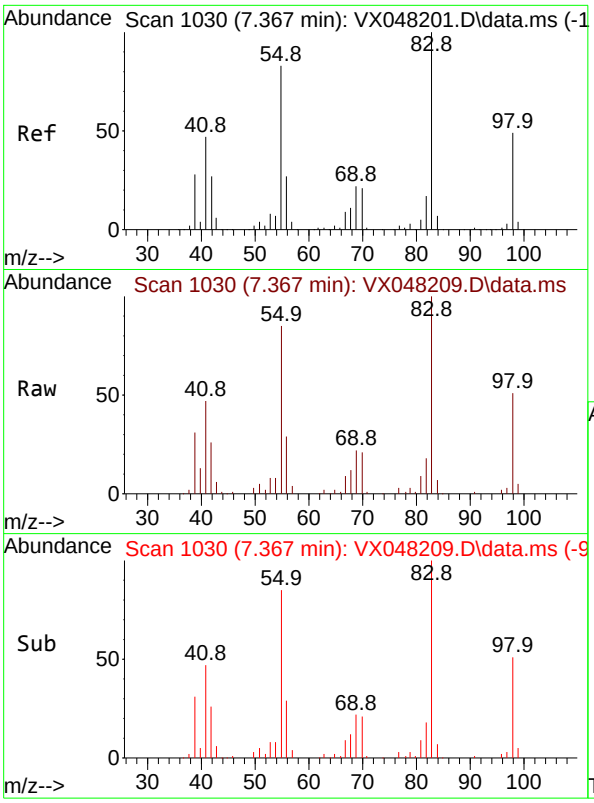


#38
Carbon Tetrachloride
Concen: 19.949 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:117 Resp: 55723

Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.2	115.8
121	27.9	24.8	37.2

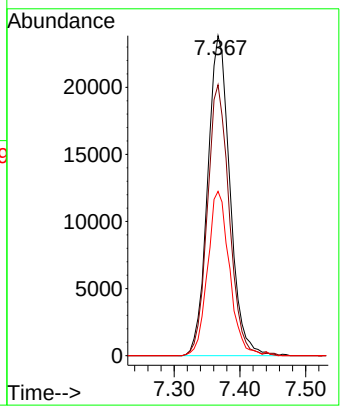




#39
Methylcyclohexane
Concen: 20.480 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 83 Resp: 5619

Ion	Ratio	Lower	Upper
83	100		
55	84.6	66.2	99.2
98	51.3	38.9	58.3



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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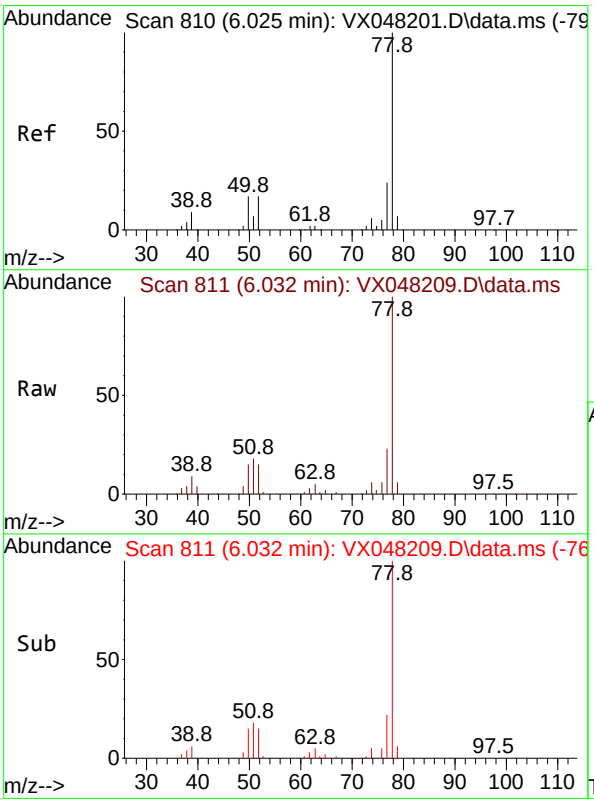
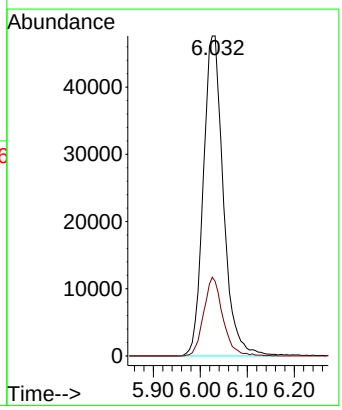
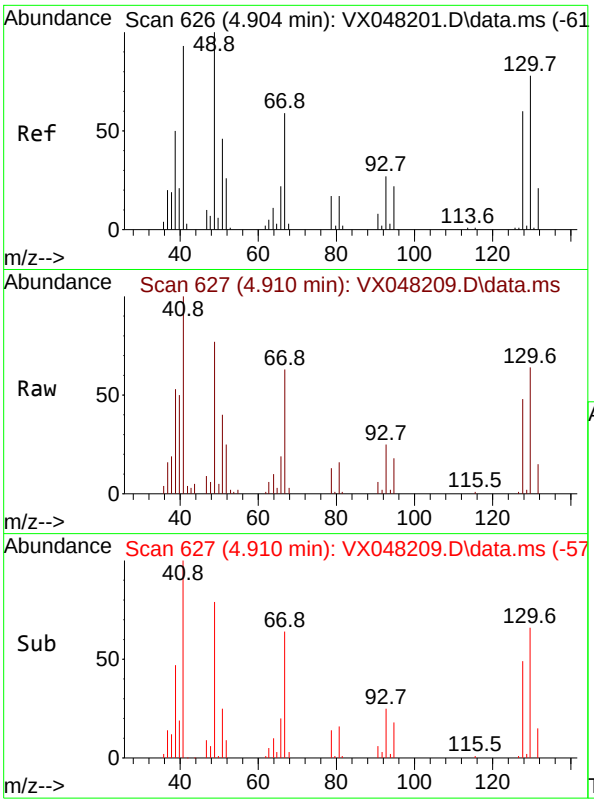


#40
Benzene
Concen: 19.481 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 78 Resp: 140774

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.3	28.9

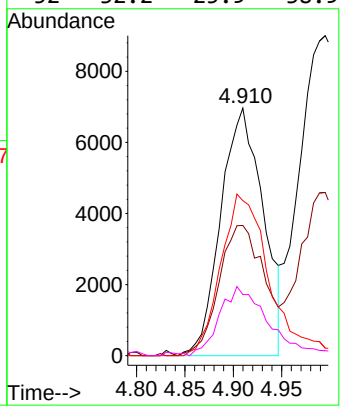




#41
Methacrylonitrile
Concen: 20.382 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 41 Resp: 2122

Ion	Ratio	Lower	Upper
41	100		
39	56.2	44.0	66.0
67	74.5	58.7	88.1
52	32.2	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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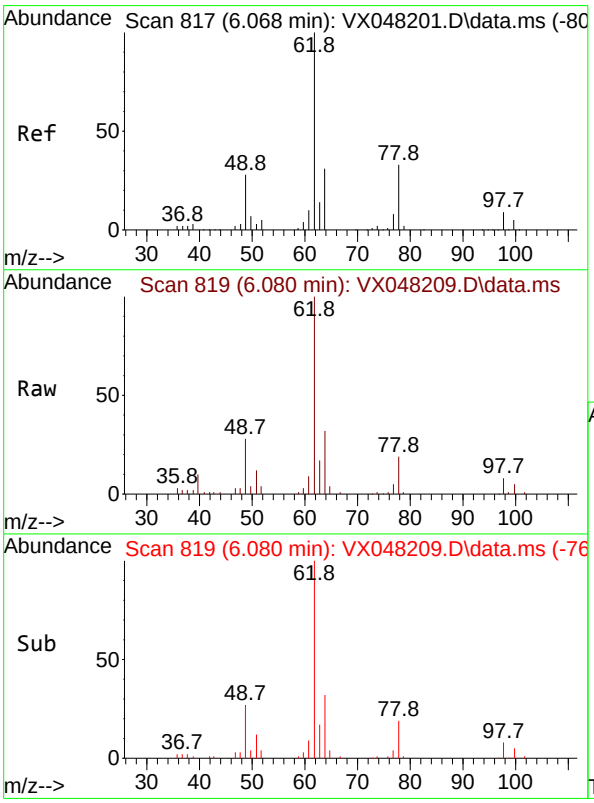
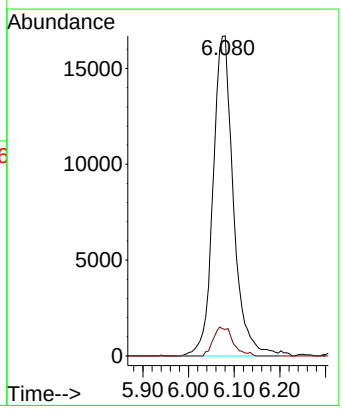
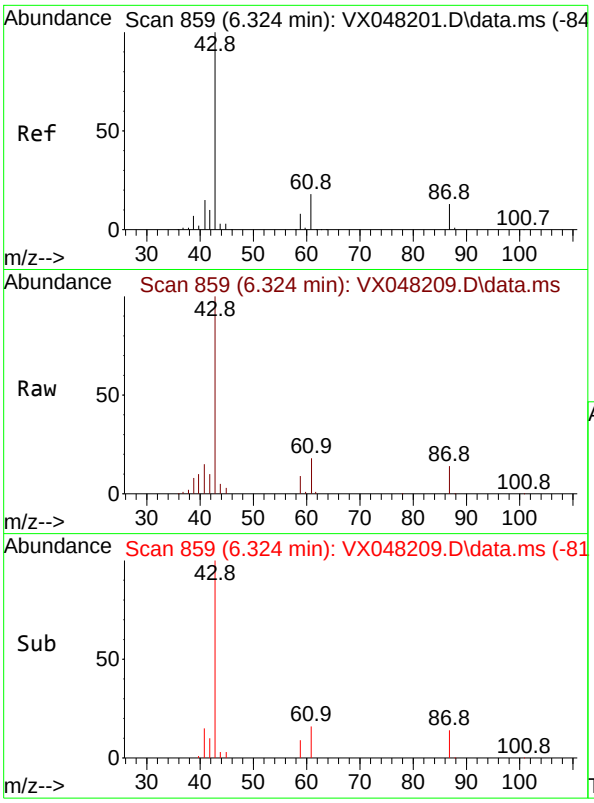


#42
1,2-Dichloroethane
Concen: 19.931 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.012 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 62 Resp: 51600

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2





#43
Isopropyl Acetate
Concen: 19.930 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 6506

Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.9	22.3
87	11.9	9.4	14.2

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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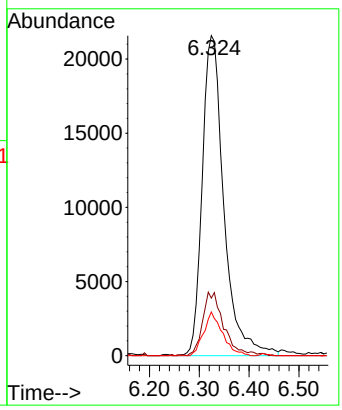
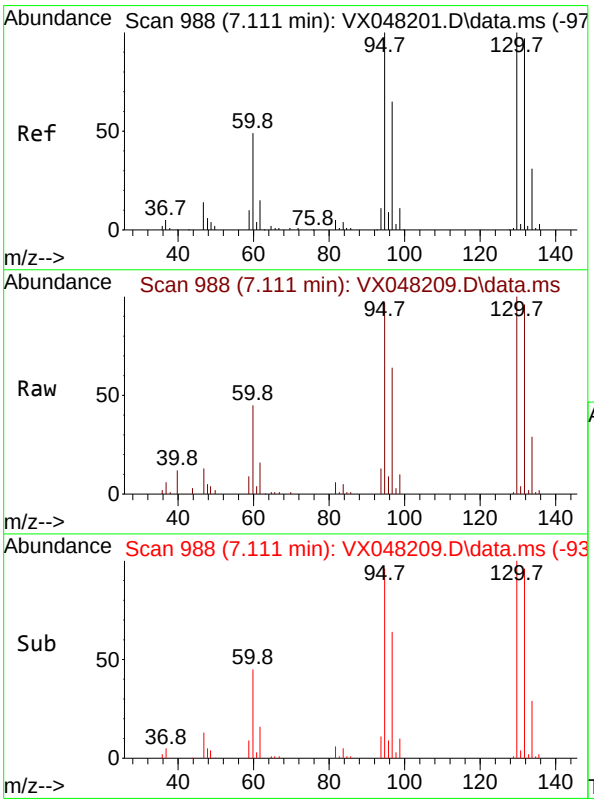
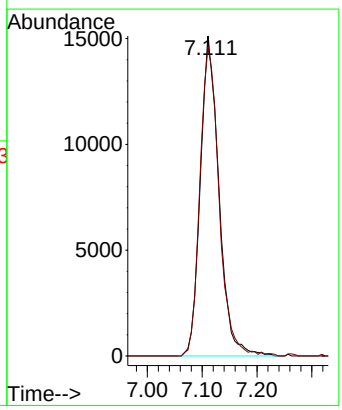


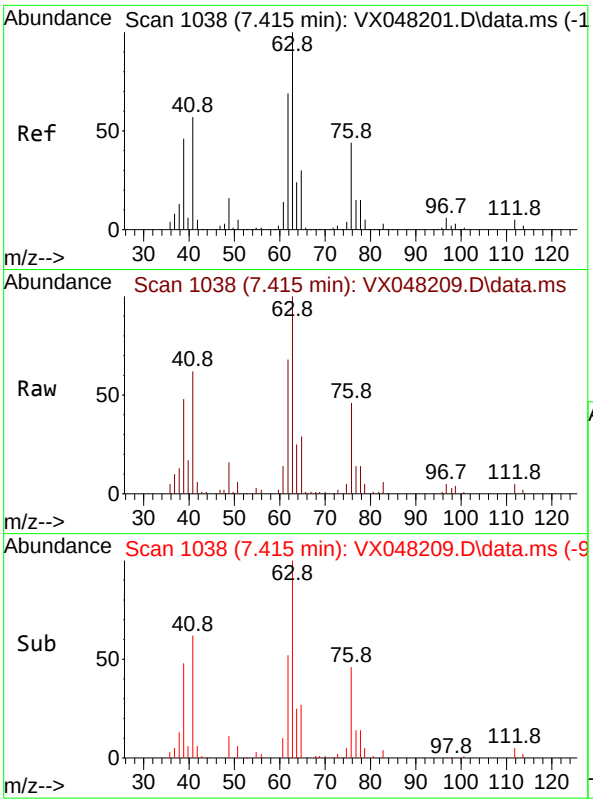


#44
Trichloroethene
Concen: 19.532 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:130 Resp: 35571

Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	200.6

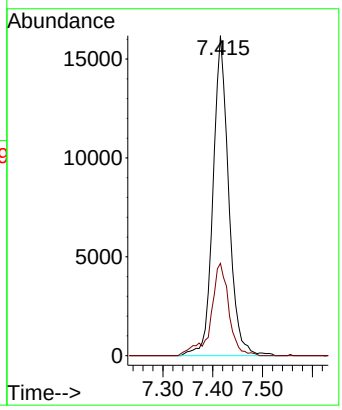




#45
1,2-Dichloropropane
Concen: 19.333 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 63 Resp: 3535

Ion	Ratio	Lower	Upper
63	100		
65	28.9	24.1	36.1



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
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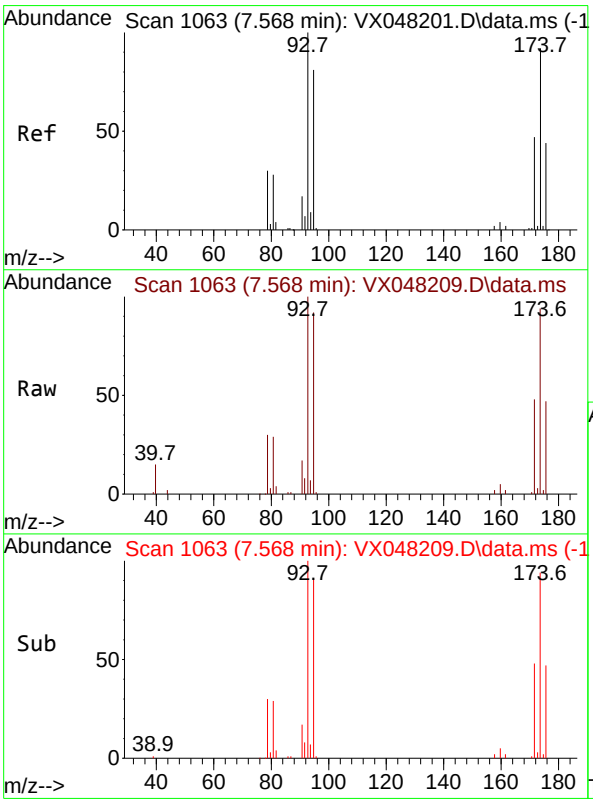
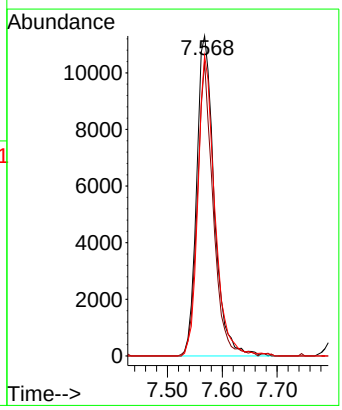
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

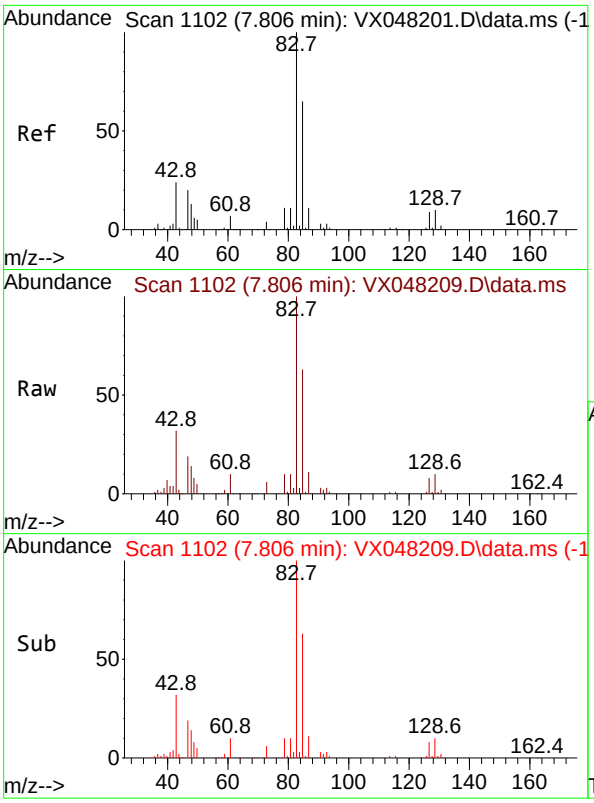


#46
Dibromomethane
Concen: 19.098 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 93 Resp: 25130

Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.9	98.9
174	90.7	71.7	107.5

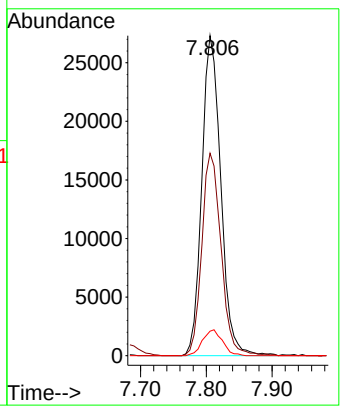




#47
Bromodichloromethane
Concen: 19.305 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 83 Resp: 5490

Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.2	78.4
127	7.6	7.3	10.9



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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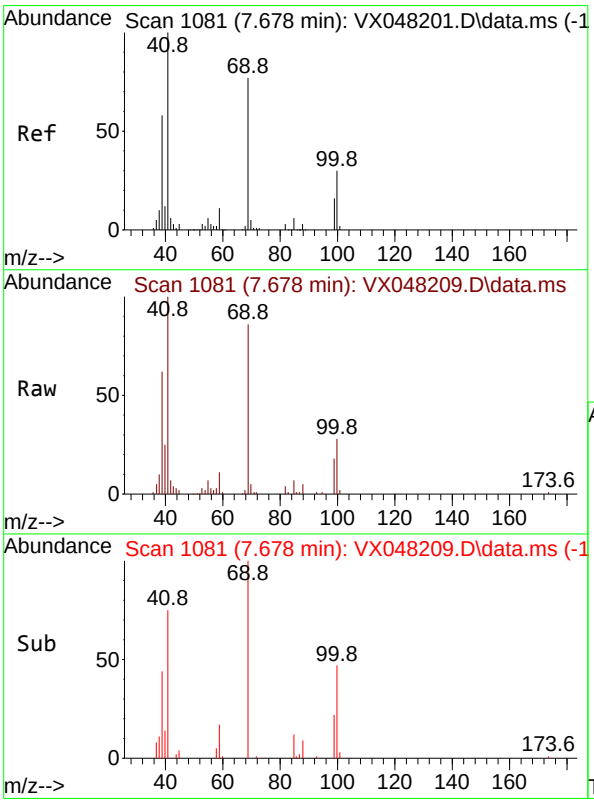
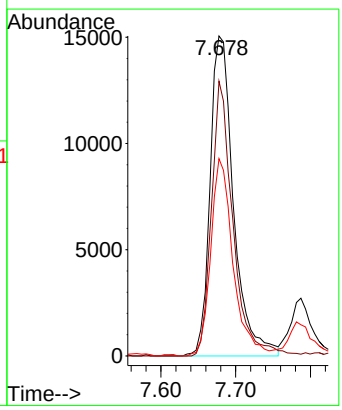
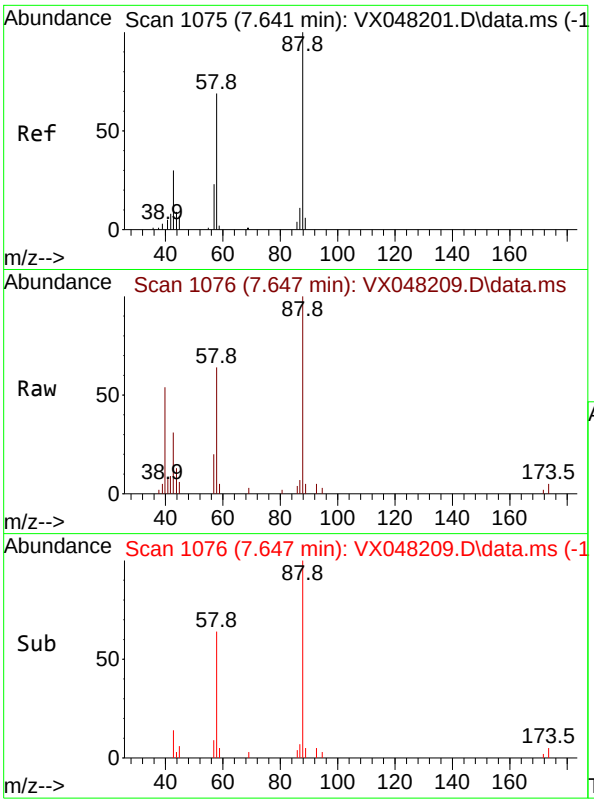


#48
Methyl methacrylate
Concen: 19.672 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 41 Resp: 32876

Ion	Ratio	Lower	Upper
41	100		
69	78.7	63.4	95.0
39	58.5	47.1	70.7

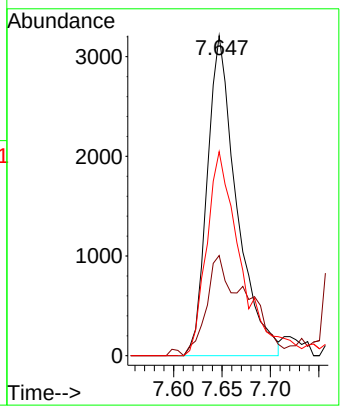




#49
1,4-Dioxane
Concen: 451.757 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 88 Resp: 679

Ion	Ratio	Lower	Upper
88	100		
43	43.7	35.0	52.4
58	74.0	61.9	92.9



Instrument :
MSVOA_X
ClientSampleId :
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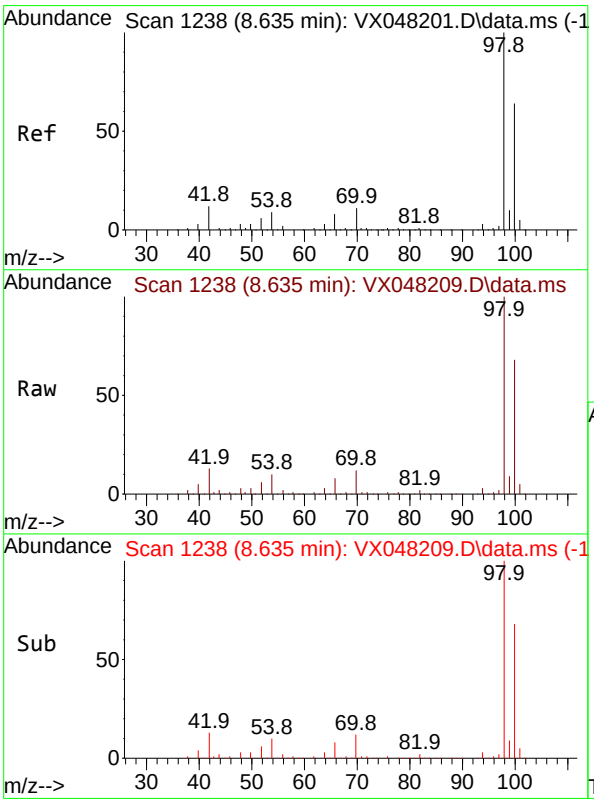
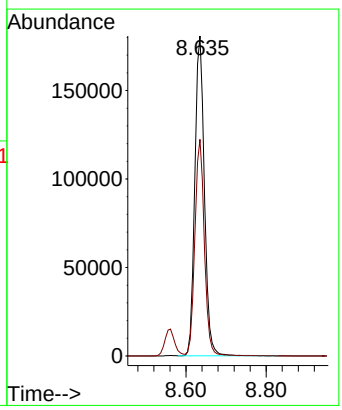
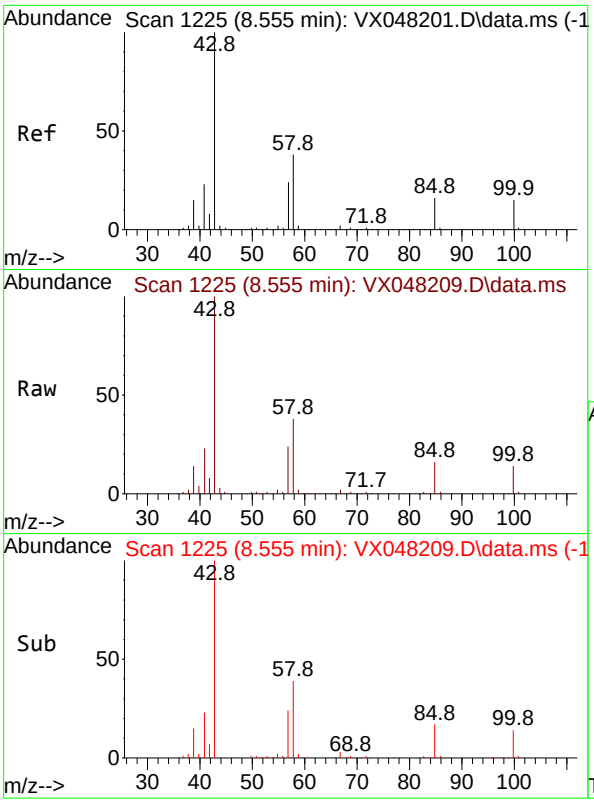


#50
Toluene-d8
Concen: 48.107 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 98 Resp: 299387

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4

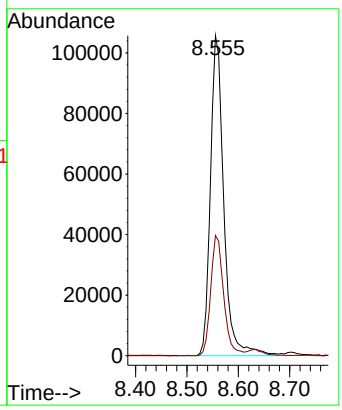




#51
4-Methyl-2-Pentanone
Concen: 105.205 ug/l
RT: 8.555 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 19112

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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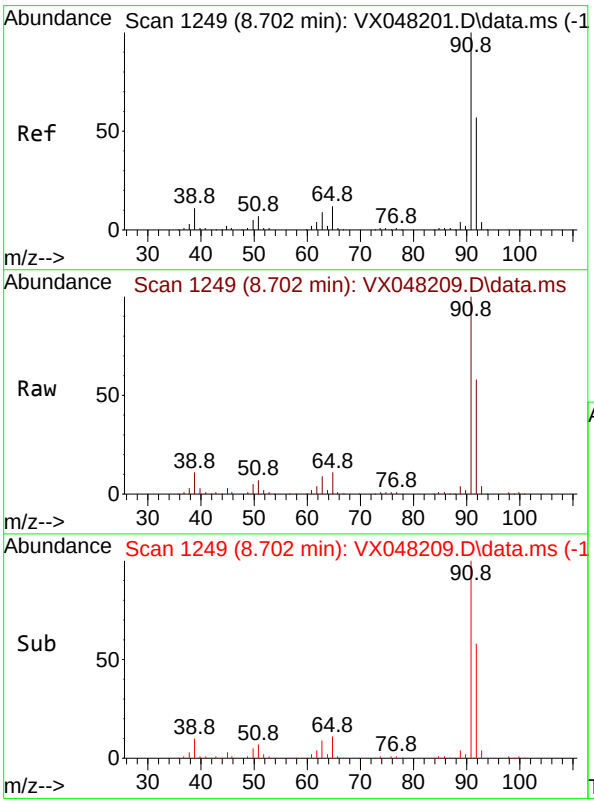
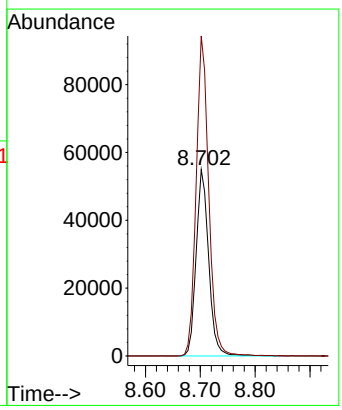
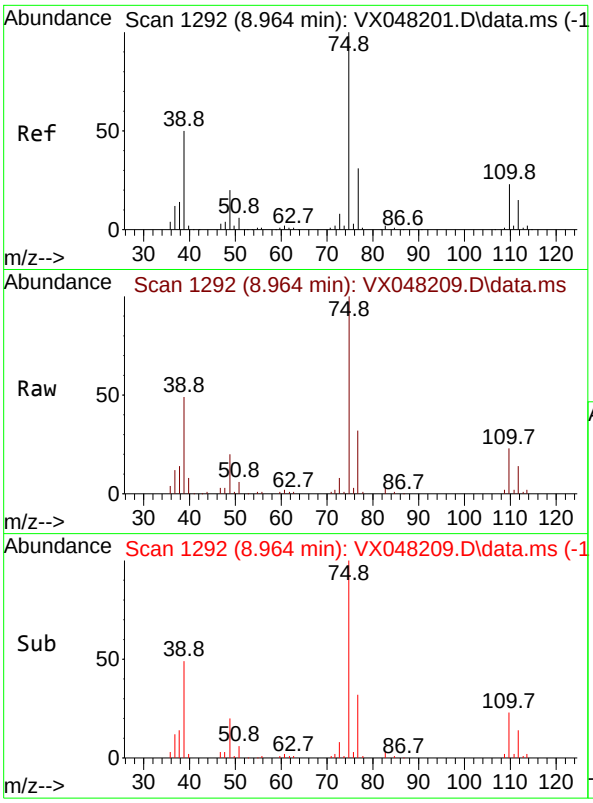


#52
Toluene
Concen: 20.141 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 92 Resp: 87476

Ion	Ratio	Lower	Upper
92	100		
91	171.8	136.1	204.1

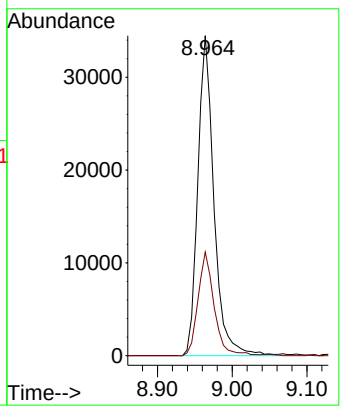




#53
t-1,3-Dichloropropene
Concen: 19.354 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 75 Resp: 5156

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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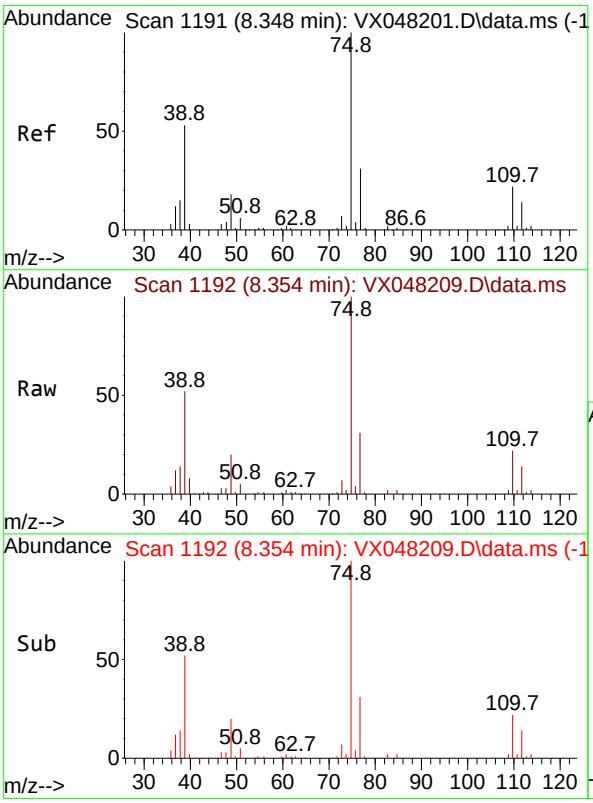
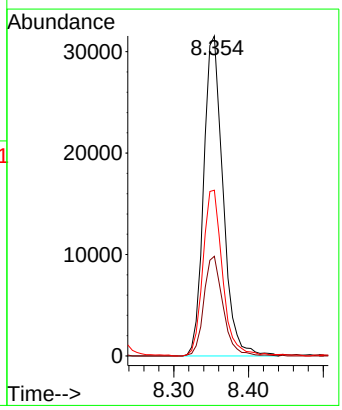
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

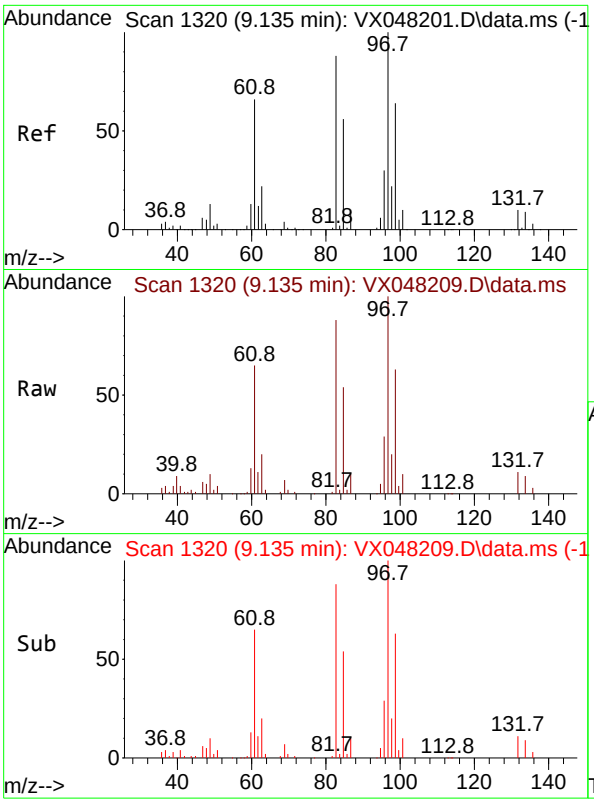


#54
cis-1,3-Dichloropropene
Concen: 19.512 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 75 Resp: 56663

Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.9	37.3
39	51.8	42.6	64.0

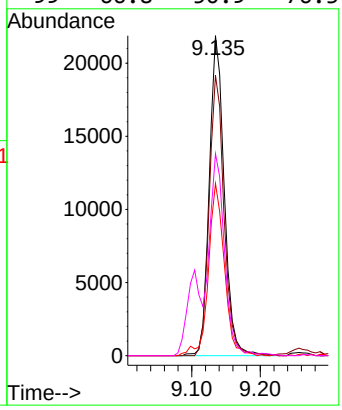




#55
1,1,2-Trichloroethane
Concen: 20.571 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 97 Resp: 3333

Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.6	105.8
85	53.8	45.0	67.6
99	66.8	50.9	76.3



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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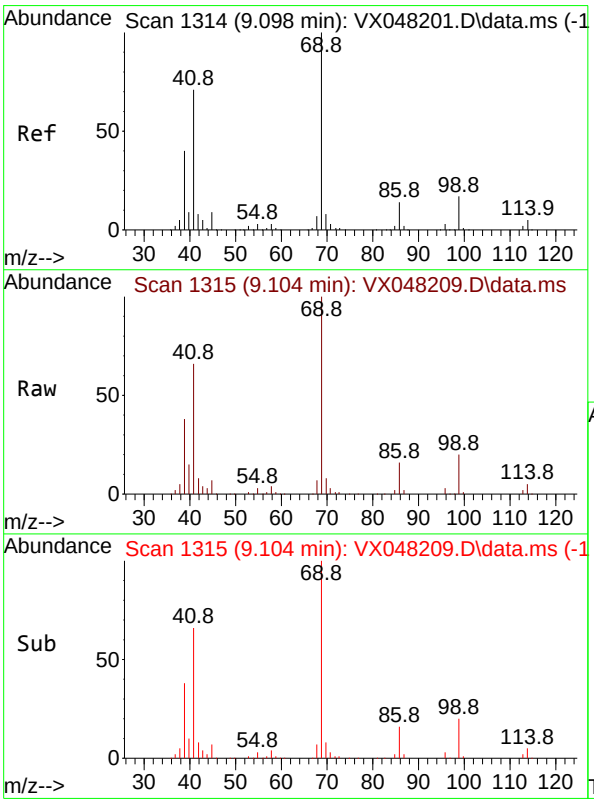
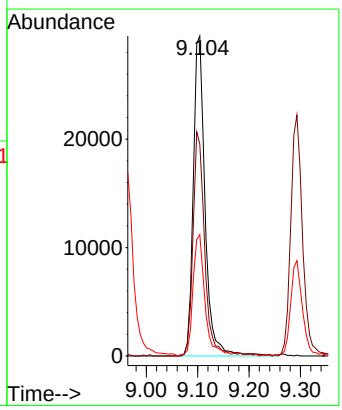
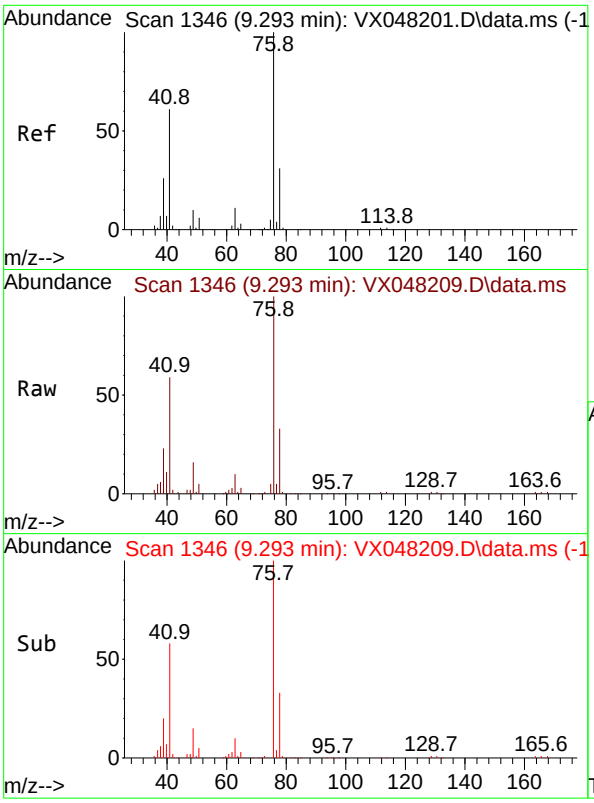


#56
Ethyl methacrylate
Concen: 21.397 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 69 Resp: 47159

Ion	Ratio	Lower	Upper
69	100		
41	69.4	56.0	84.0
39	39.4	31.6	47.4

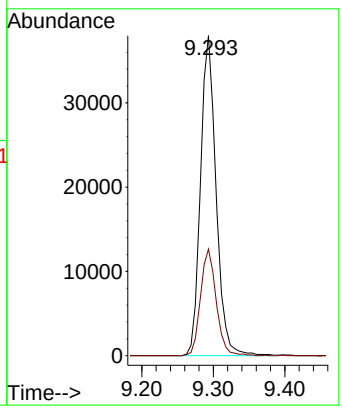




#57
1,3-Dichloropropane
Concen: 20.319 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 76 Resp: 5752

Ion	Ratio	Lower	Upper
76	100		
78	33.4	25.4	38.0



Instrument :
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ClientSampleId :
VX1017WBS01

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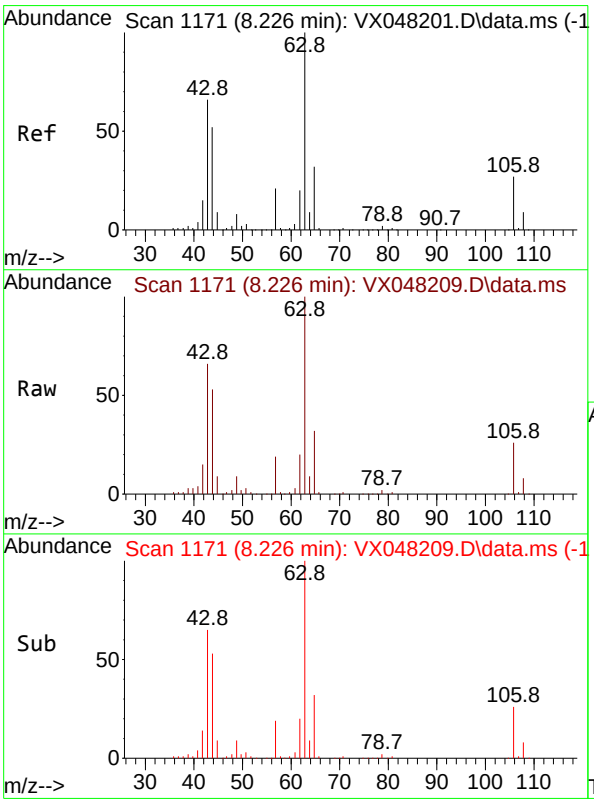
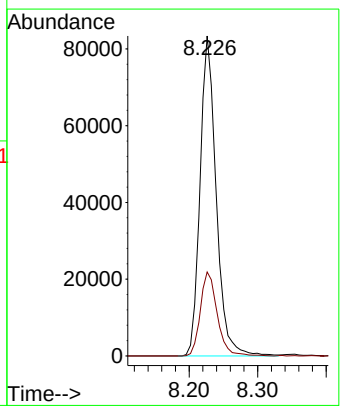
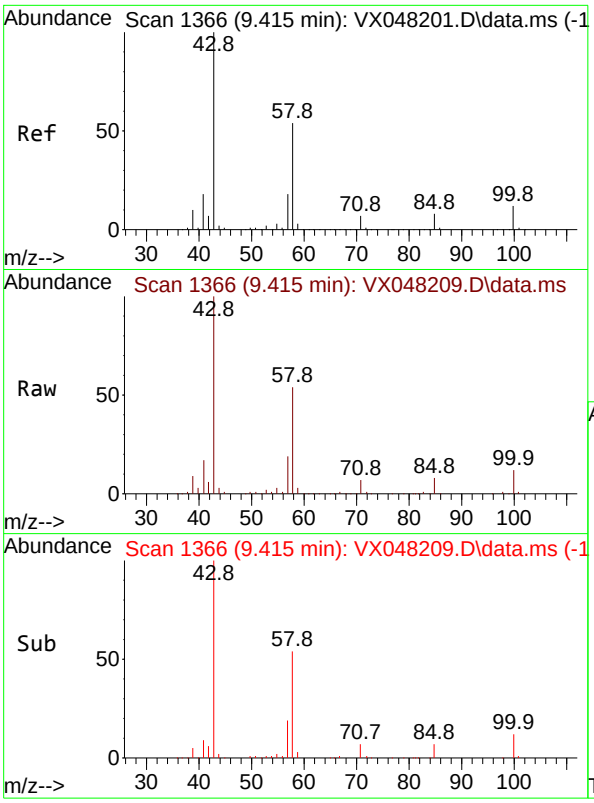


#58
2-Chloroethyl Vinyl ether
Concen: 109.367 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 63 Resp: 136897

Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.2	33.2

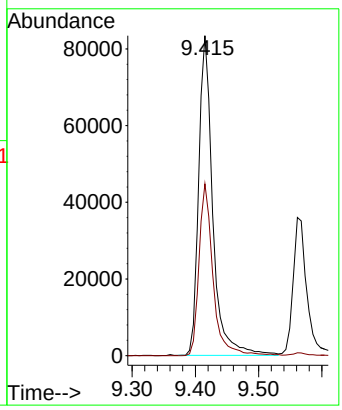




#59
2-Hexanone
Concen: 101.935 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 12952

Ion	Ratio	Lower	Upper
43	100		
58	53.6	26.3	78.8



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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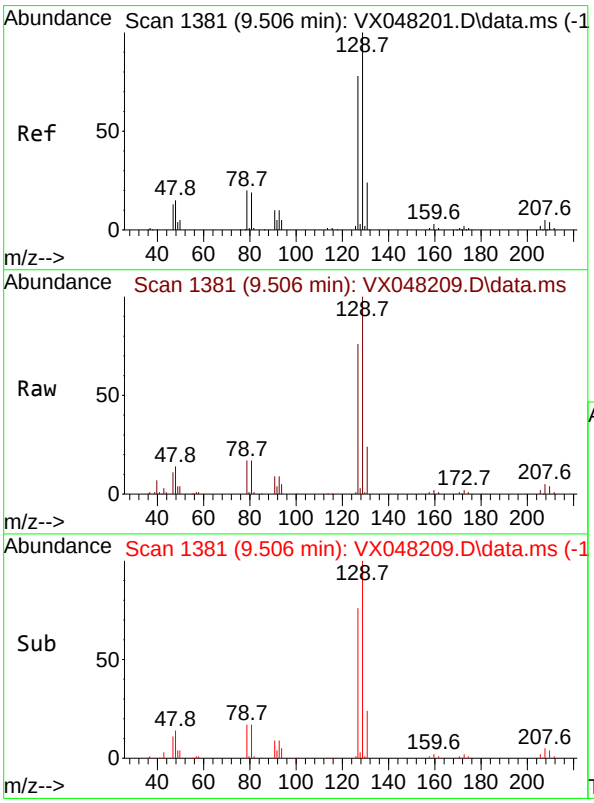
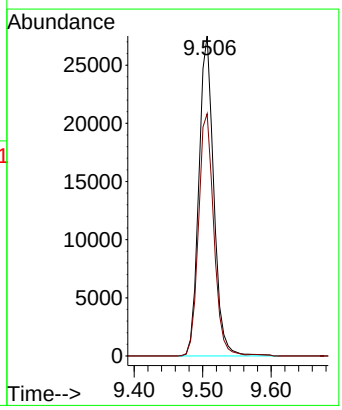
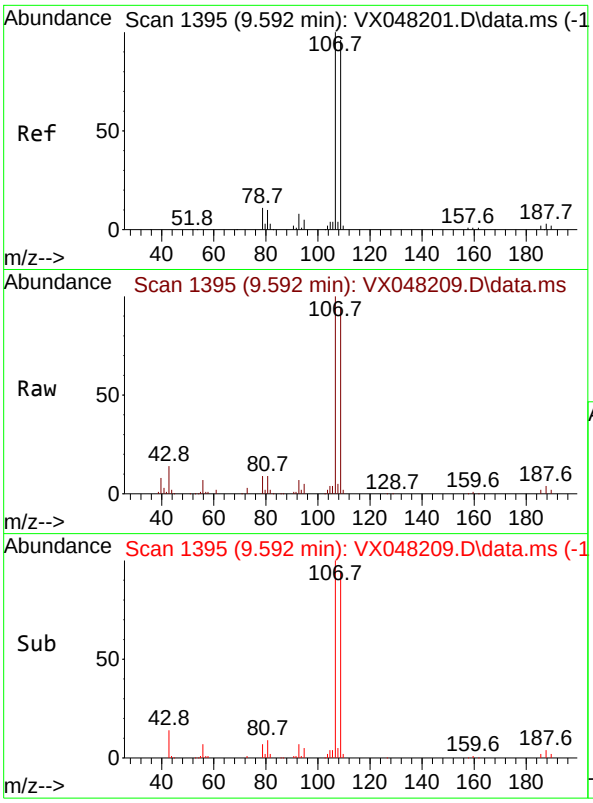


#60
Dibromochloromethane
Concen: 20.548 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:129 Resp: 41679

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.6	115.7

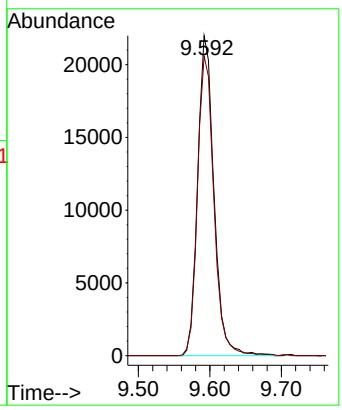




#61
1,2-Dibromoethane
Concen: 20.914 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:107 Resp: 3475

Ion	Ratio	Lower	Upper
107	100		
109	94.4	77.0	115.4



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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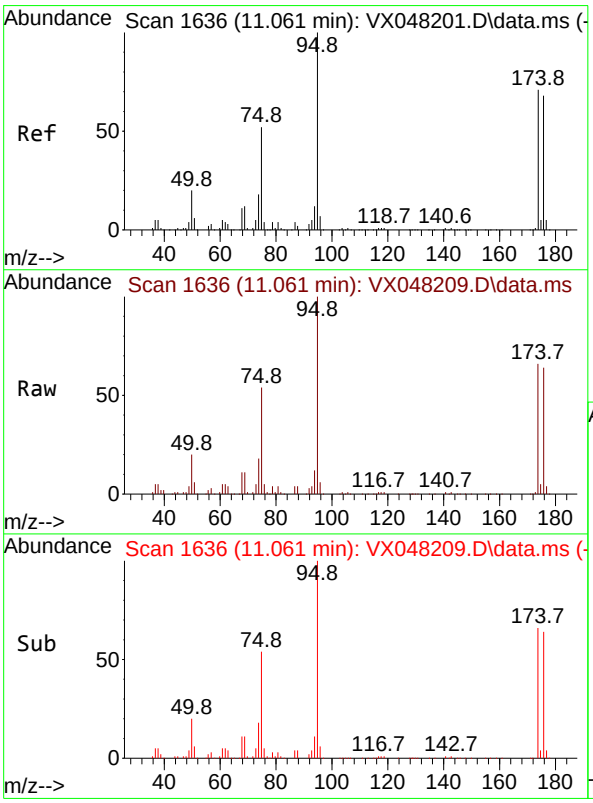
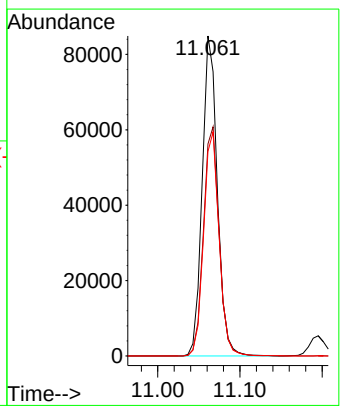
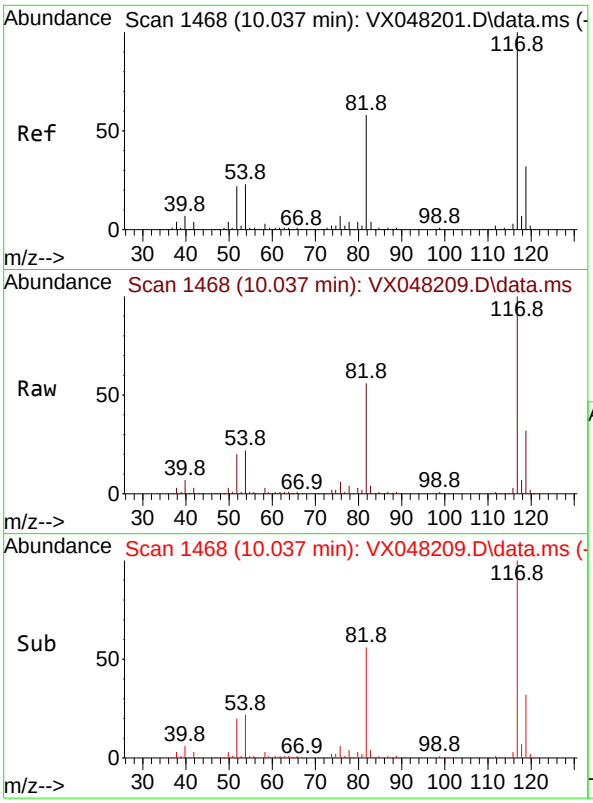


#62
4-Bromofluorobenzene
Concen: 47.853 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 95 Resp: 108470

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	147.8
176	71.6	0.0	142.8

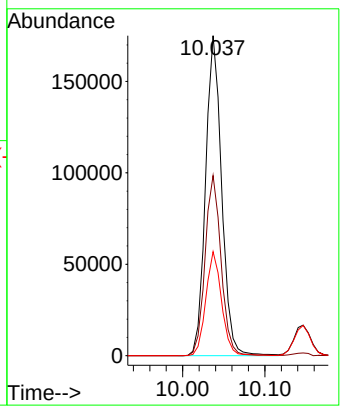




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:117 Resp: 23801

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.5	69.7
119	32.5	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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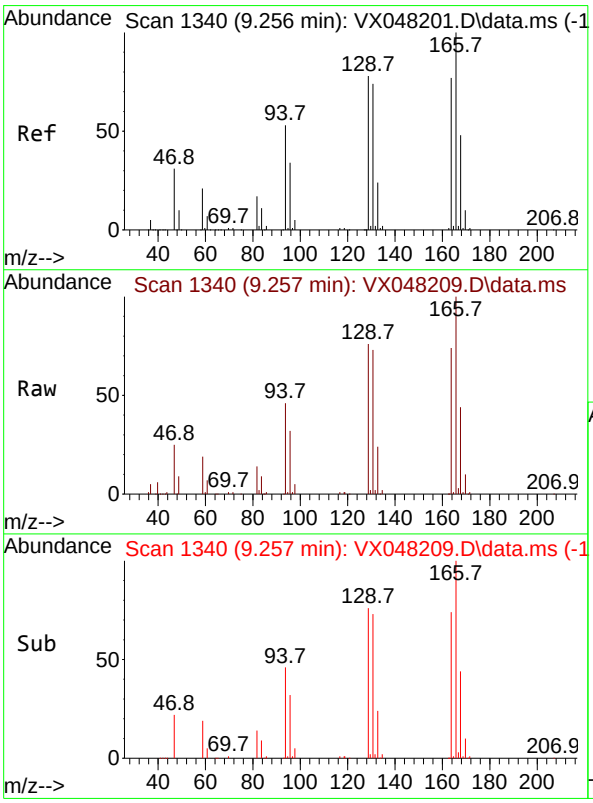
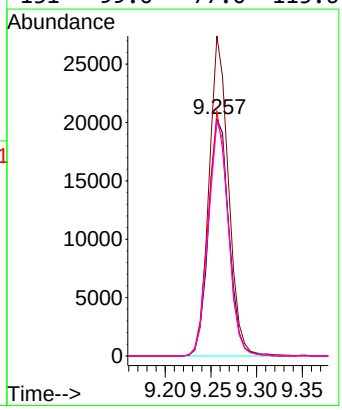
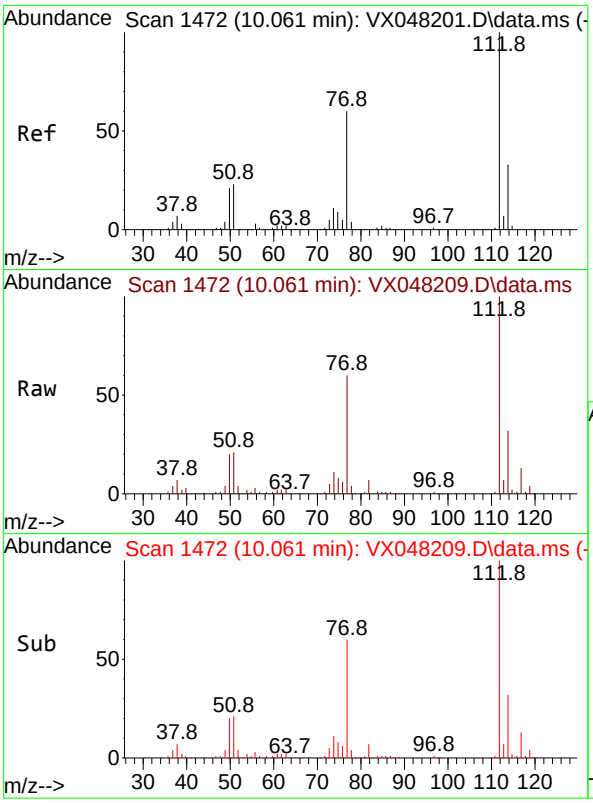


#64
Tetrachloroethene
Concen: 18.903 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:164 Resp: 31547

Ion	Ratio	Lower	Upper
164	100		
166	135.2	104.5	156.7
129	103.3	81.8	122.6
131	99.0	77.0	115.6

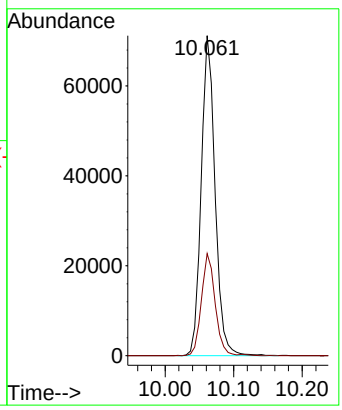




#65
Chlorobenzene
Concen: 19.252 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:112 Resp: 10018

Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.2	39.2



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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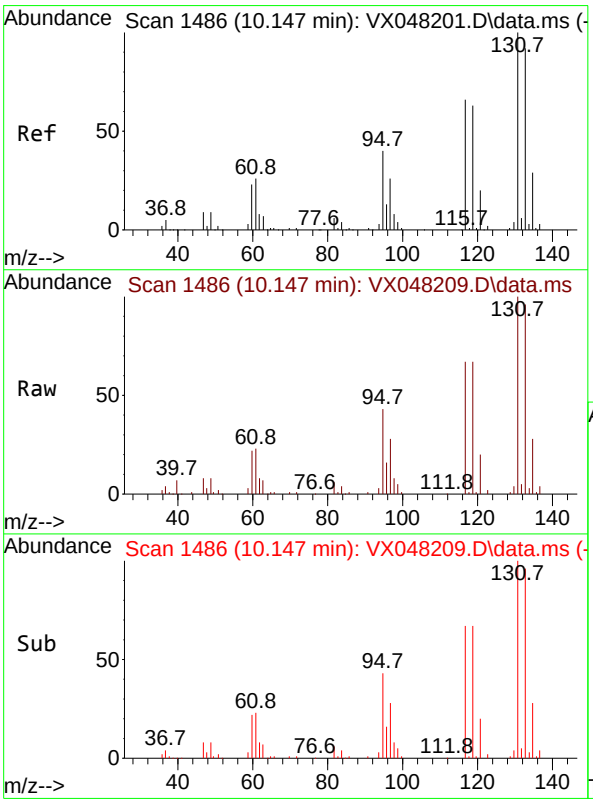
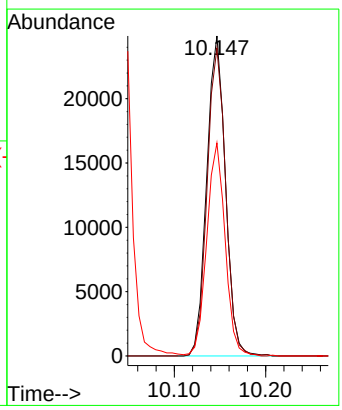
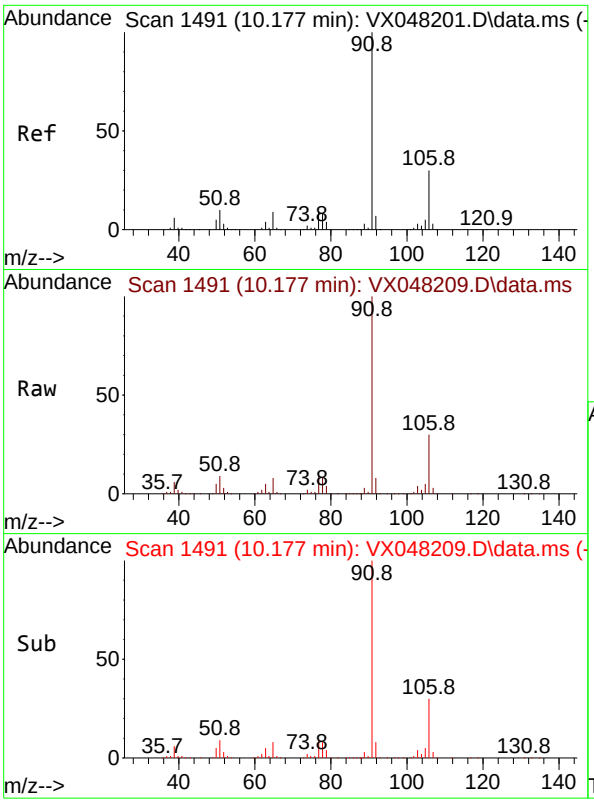


#66
1,1,1,2-Tetrachloroethane
Concen: 18.802 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:131 Resp: 35260

Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.6	142.8
119	65.5	32.5	97.5

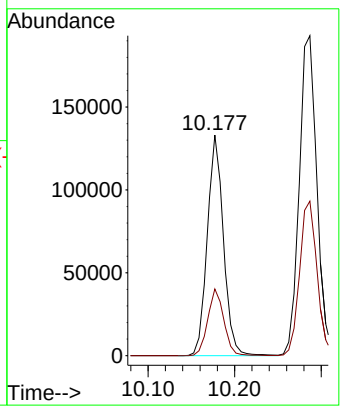




#67
Ethyl Benzene
Concen: 19.361 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 91 Resp: 17273

Ion	Ratio	Lower	Upper
91	100		
106	30.2	23.8	35.6



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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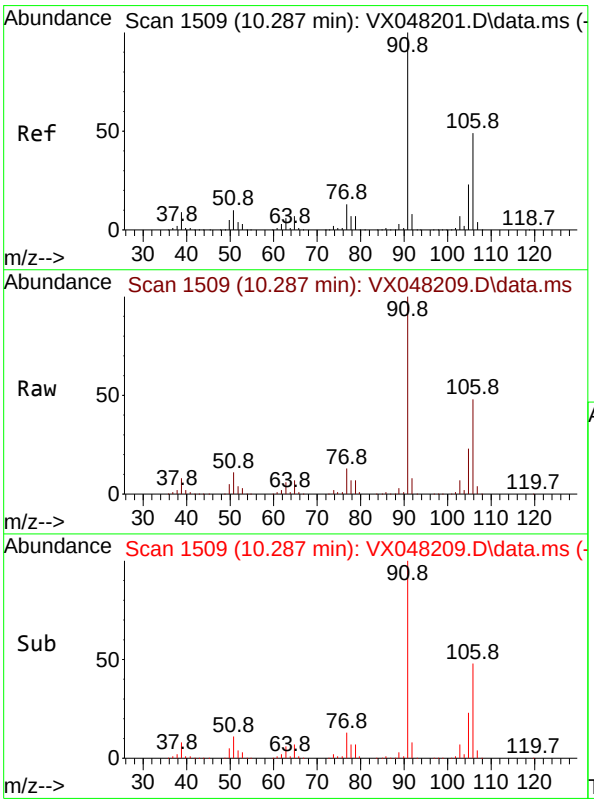
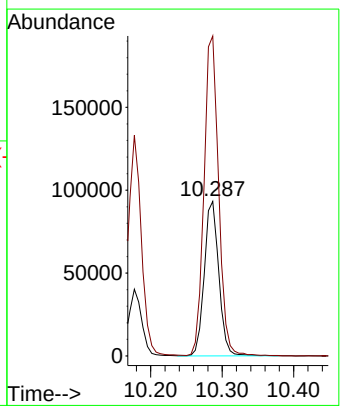
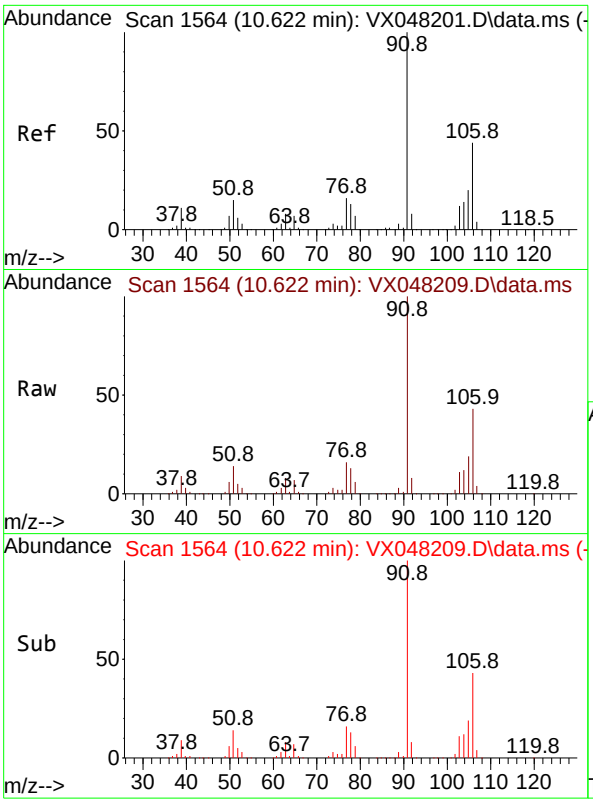


#68
m/p-Xylenes
Concen: 39.531 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:106 Resp: 131393

Ion	Ratio	Lower	Upper
106	100		
91	209.4	167.9	251.9

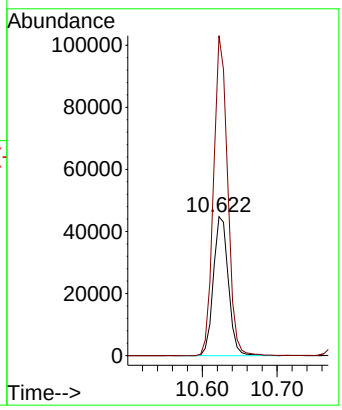




#69
o-Xylene
Concen: 19.873 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:106 Resp: 6218

Ion	Ratio	Lower	Upper
106	100		
91	217.3	111.3	333.9



Instrument :
MSVOA_X
ClientSampleId :
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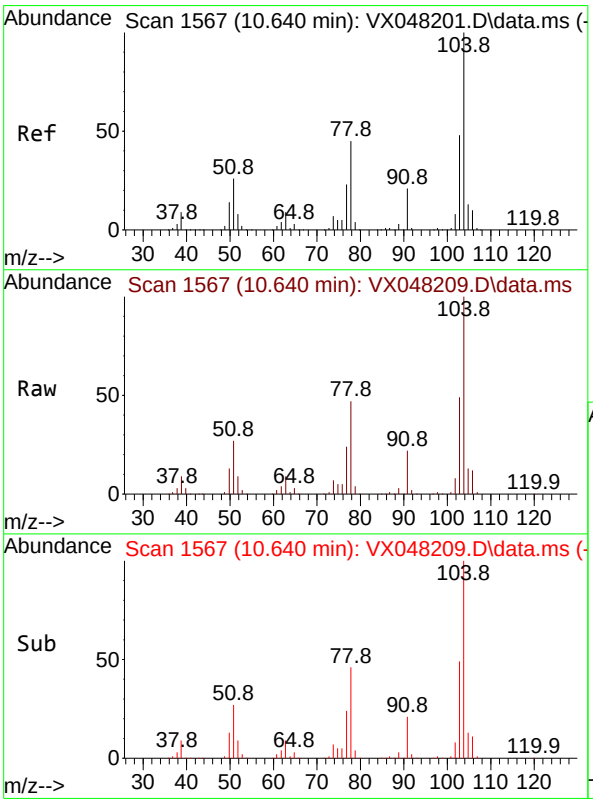
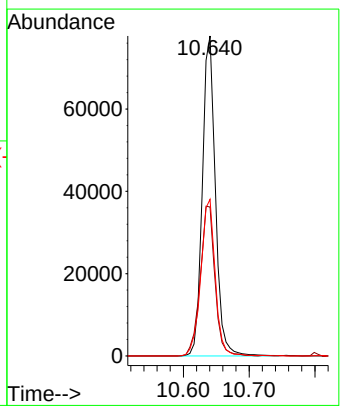
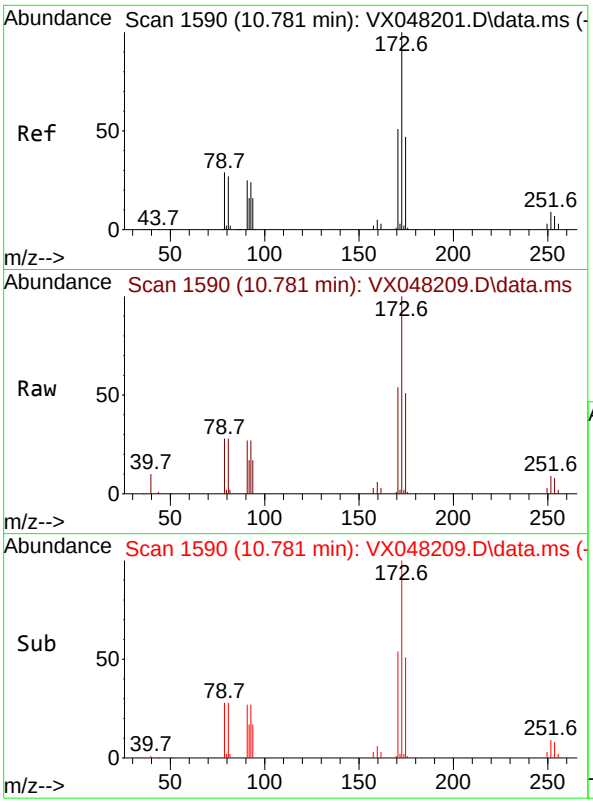


#70
Styrene
Concen: 20.002 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:104 Resp: 107727

Ion	Ratio	Lower	Upper
104	100		
78	52.8	42.2	63.4
103	53.8	43.0	64.4

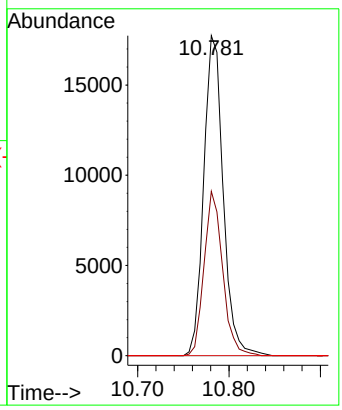




#71
Bromoform
Concen: 18.981 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:173 Resp: 2613

Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.0	72.0
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
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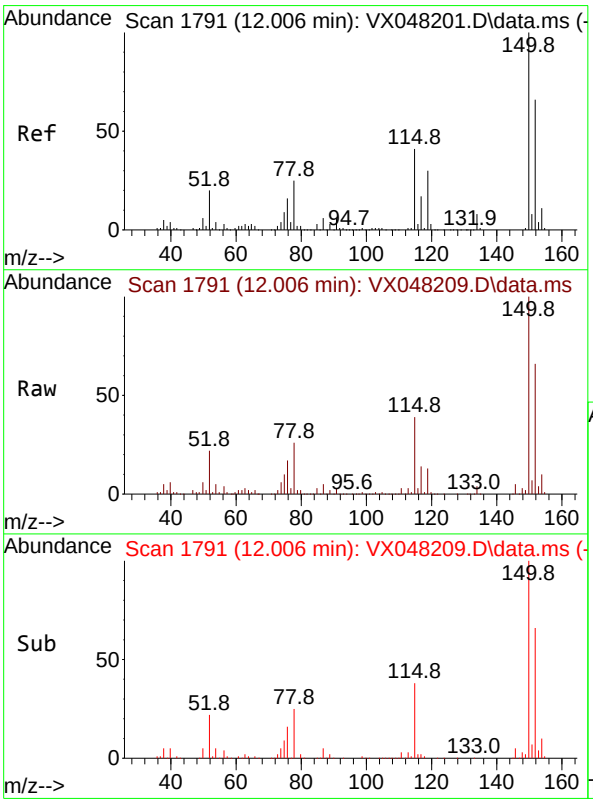
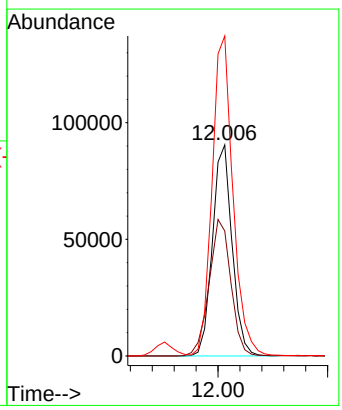
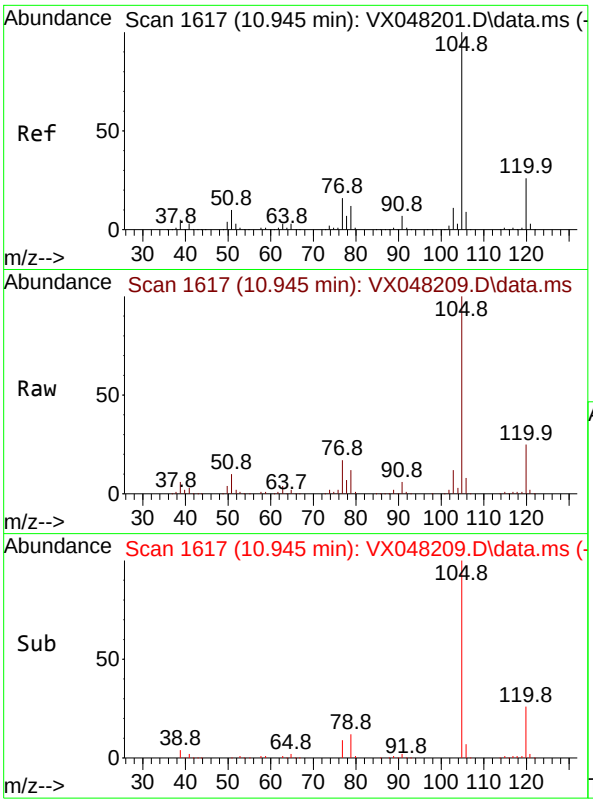


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:152 Resp: 112861

Ion	Ratio	Lower	Upper
152	100		
115	71.4	43.1	129.4
150	160.9	0.0	353.0





#73
Isopropylbenzene
Concen: 19.810 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:105 Resp: 15550

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.0	38.9

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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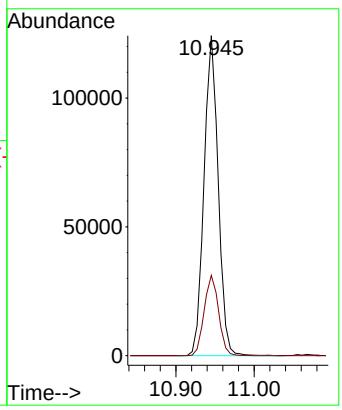
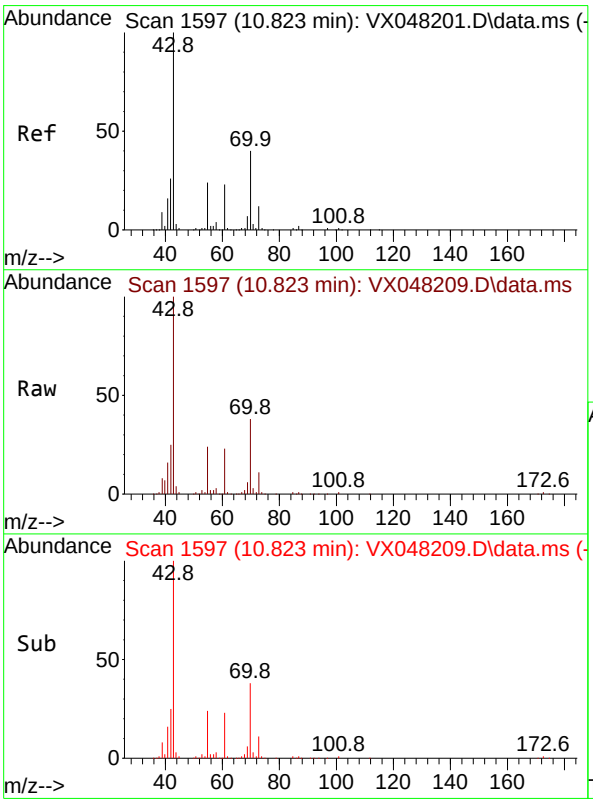
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

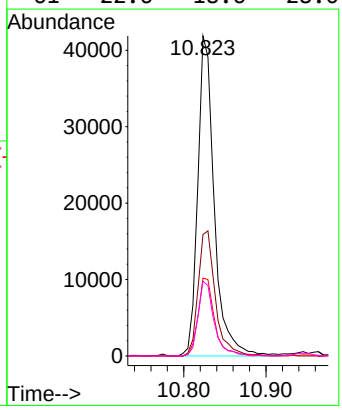


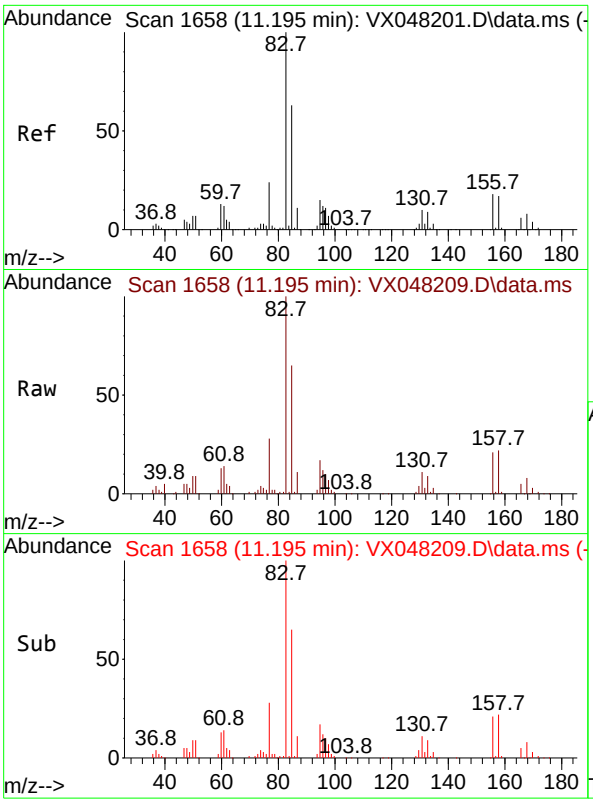


#74
N-amyl acetate
Concen: 20.007 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 43 Resp: 58589

Ion	Ratio	Lower	Upper
43	100		
70	40.8	32.2	48.2
55	24.3	19.1	28.7
61	22.6	18.6	28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.324 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 83 Resp: 4297

Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.8	14.4
85	65.6	31.9	95.7

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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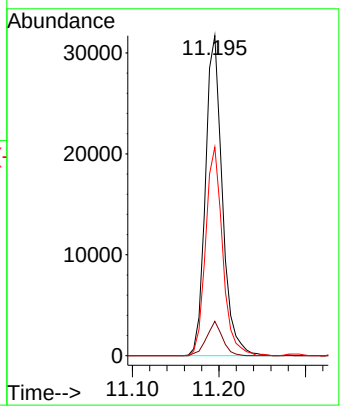
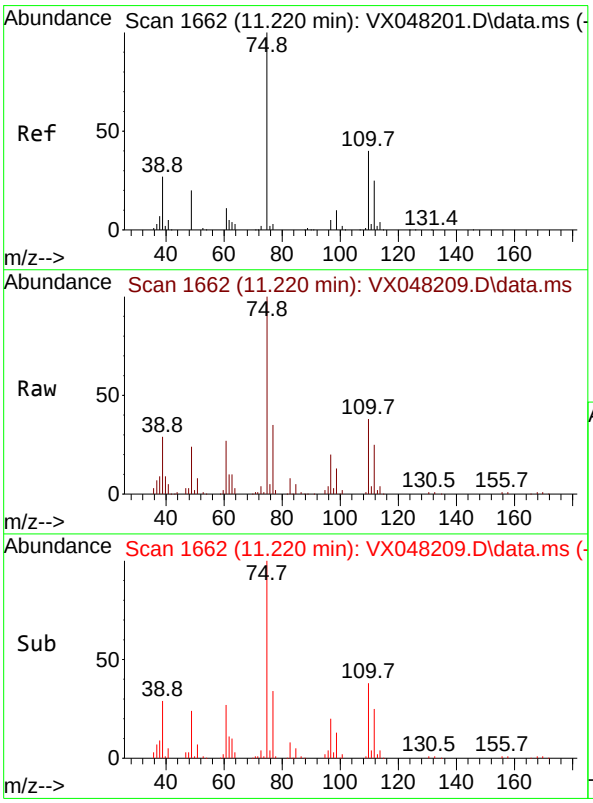
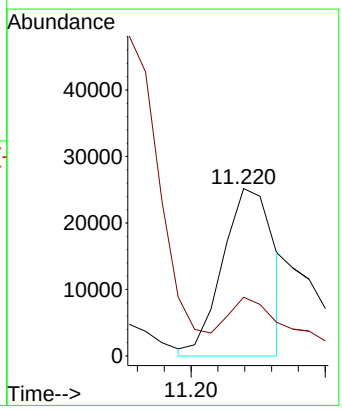


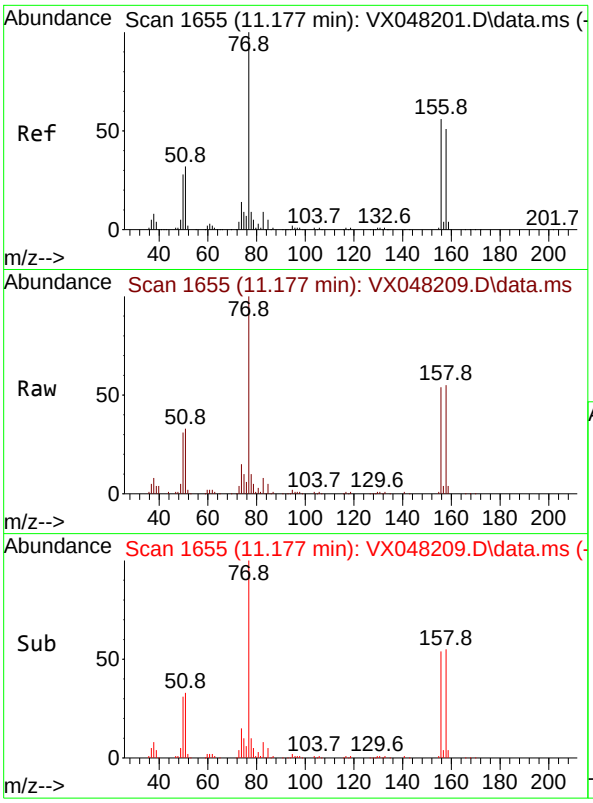


#76
1,2,3-Trichloropropane
Concen: 19.278 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 75 Resp: 33224

Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.4	67.2

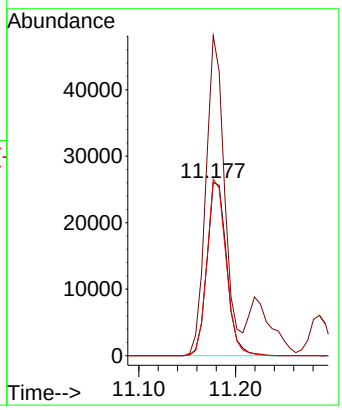




#77
Bromobenzene
Concen: 18.781 ug/l
RT: 11.177 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:156 Resp: 3689

Ion	Ratio	Lower	Upper
156	100		
77	176.1	87.0	261.0
158	99.0	47.8	143.4



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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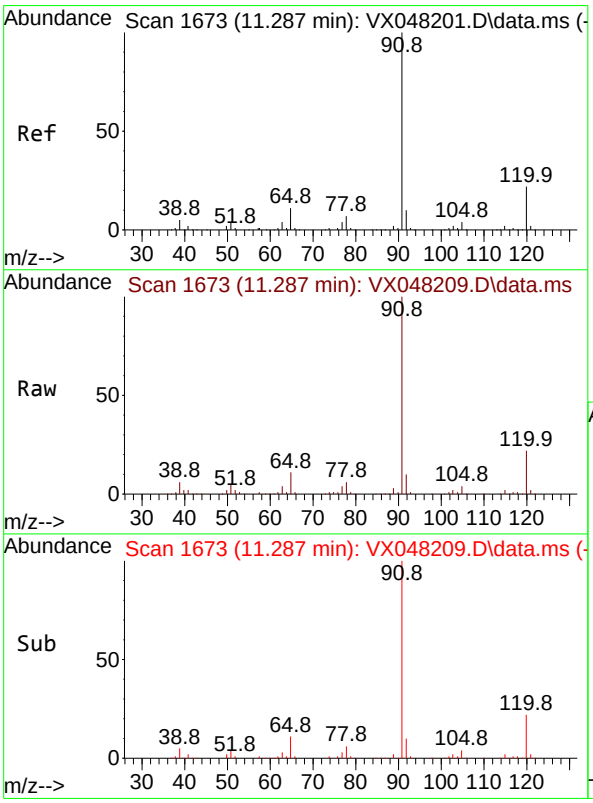
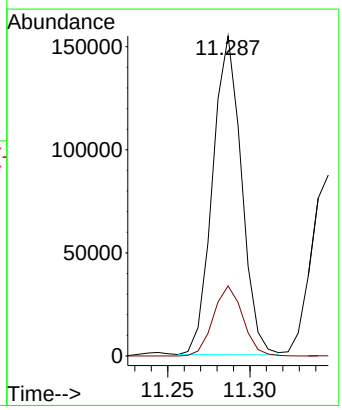
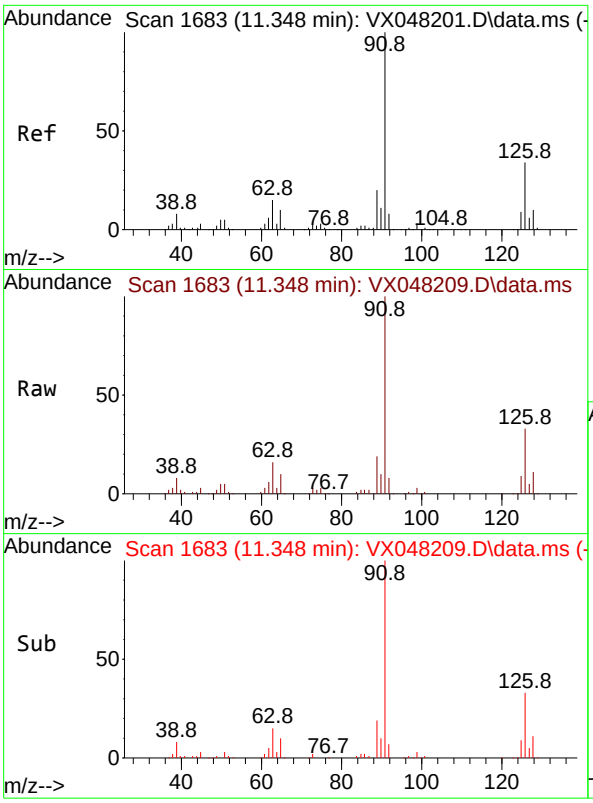


#78
n-propylbenzene
Concen: 19.833 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 91 Resp: 188796

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1





#79
2-Chlorotoluene
Concen: 19.463 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 91 Resp: 11193

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.4

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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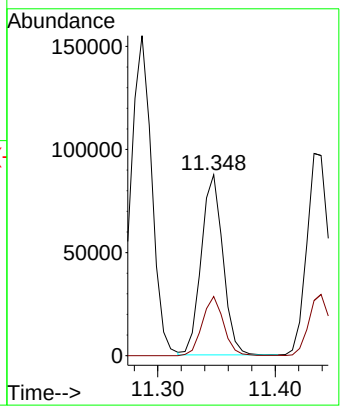
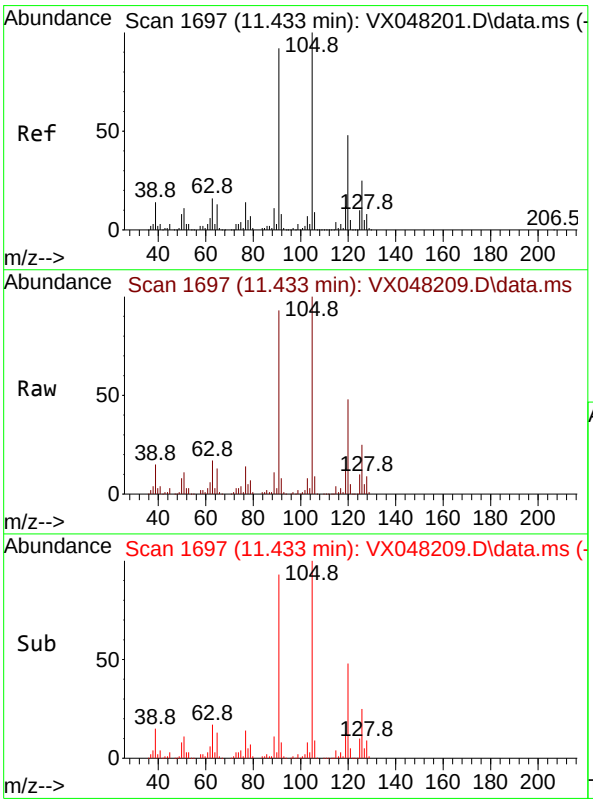
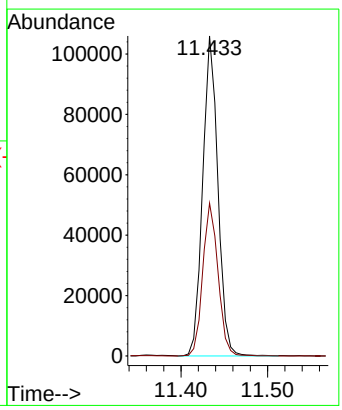


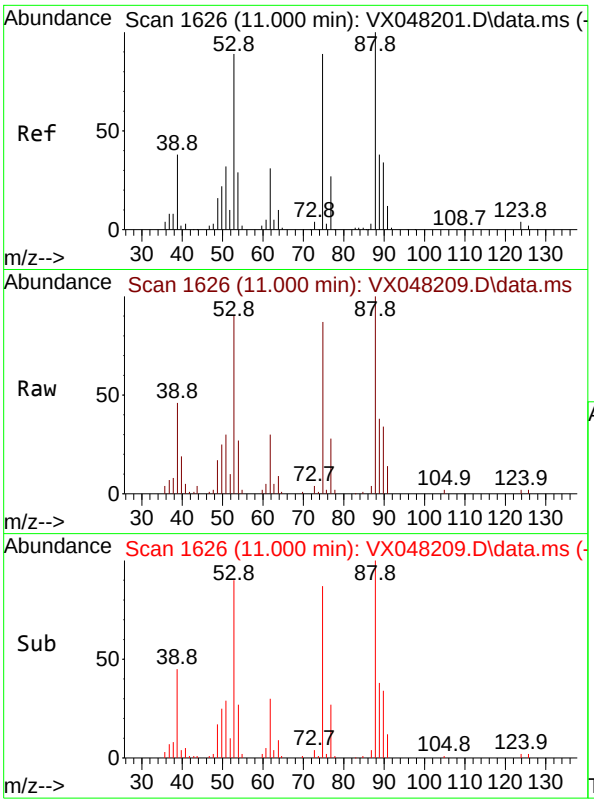


#80
1,3,5-Trimethylbenzene
Concen: 20.019 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:105 Resp: 128993

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.0	72.0

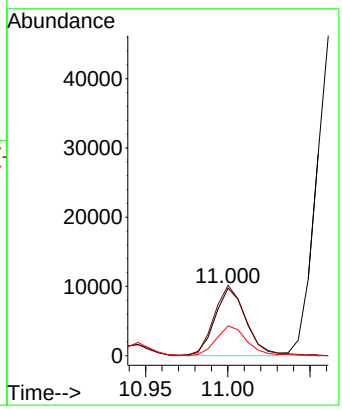




#81
trans-1,4-Dichloro-2-butene
Concen: 18.325 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 75 Resp: 1289

Ion	Ratio	Lower	Upper
75	100		
53	105.5	79.5	119.3
89	43.7	36.8	55.2



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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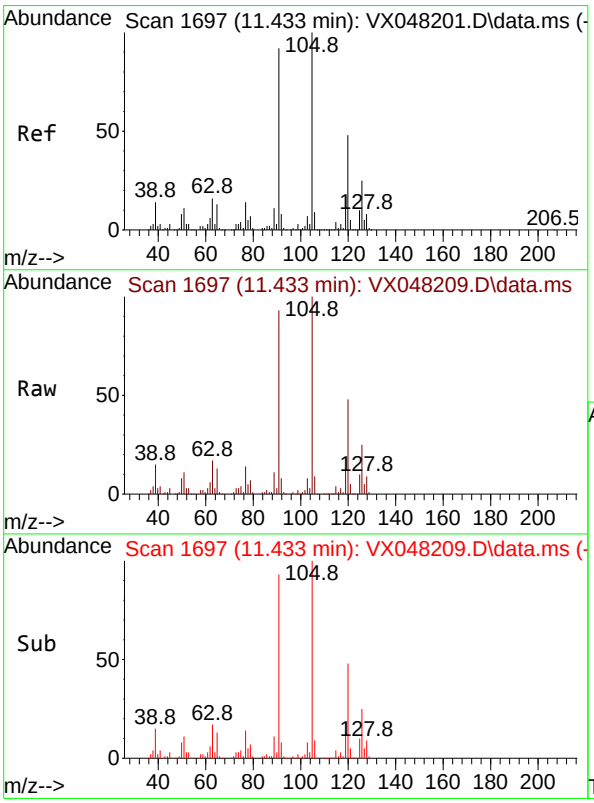
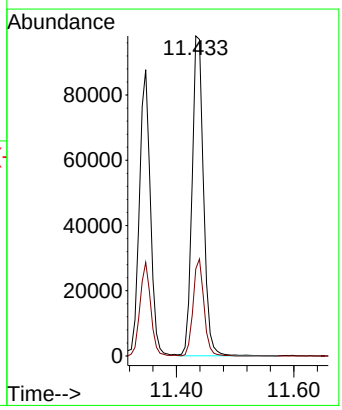
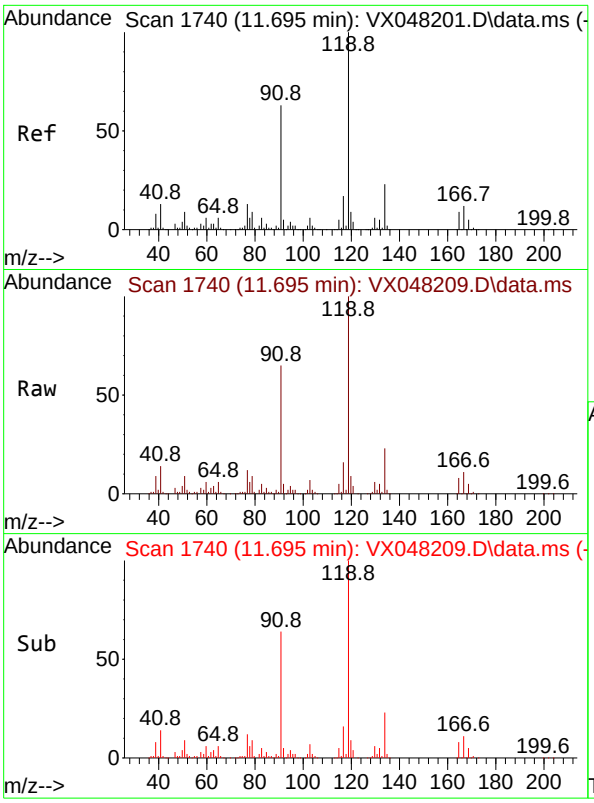


#82
4-Chlorotoluene
Concen: 19.562 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 91 Resp: 132212

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.1	42.4

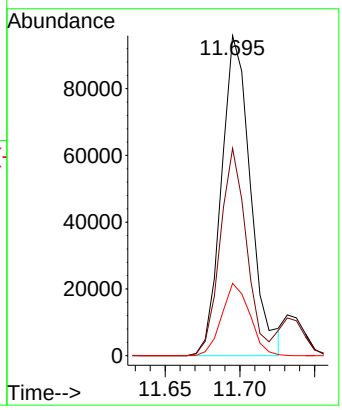




#83
tert-Butylbenzene
Concen: 19.927 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:119 Resp: 12971

Ion	Ratio	Lower	Upper
119	100		
91	59.1	30.3	91.0
134	21.8	11.4	34.2



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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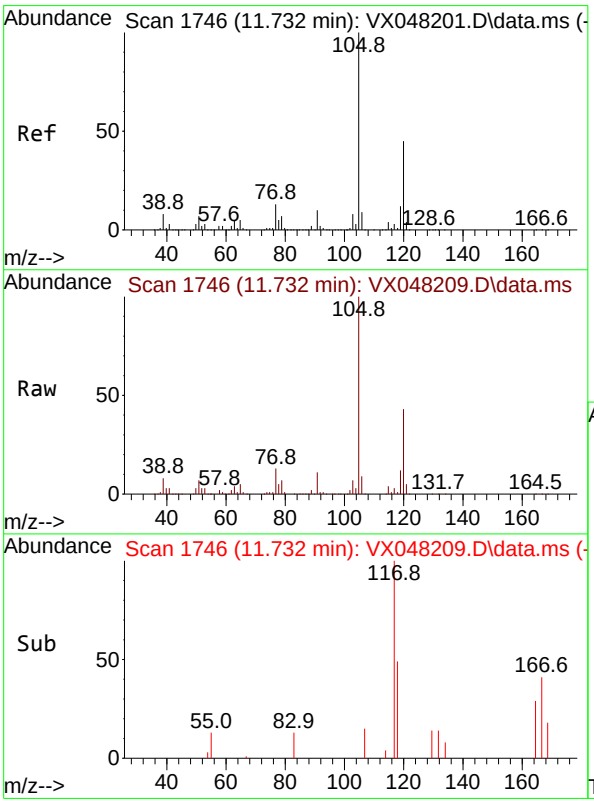
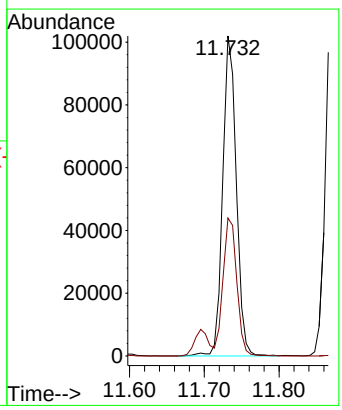
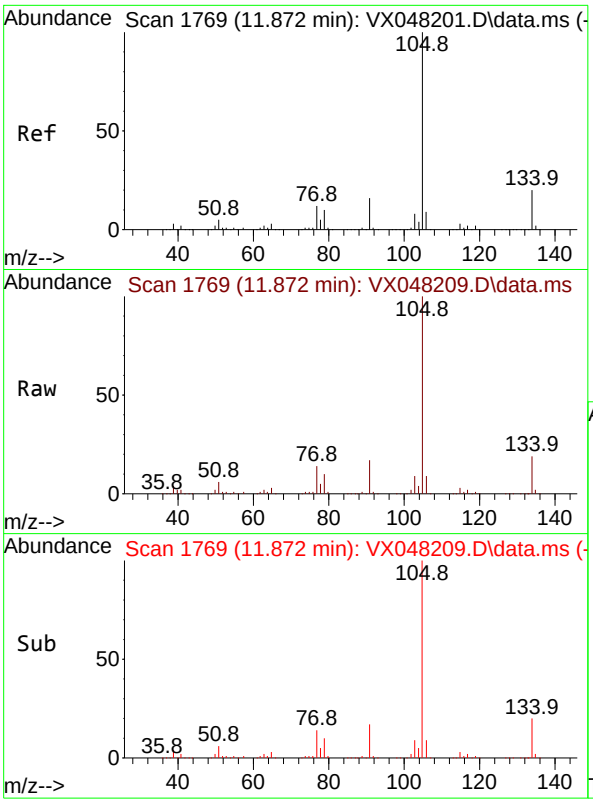


#84
1,2,4-Trimethylbenzene
Concen: 20.114 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:105 Resp: 129055

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.1	66.5

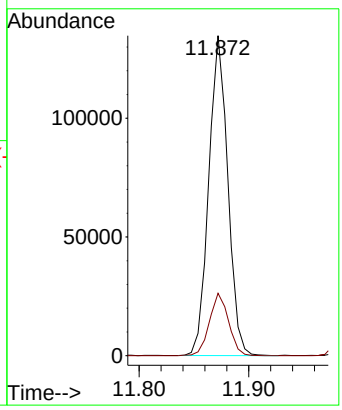




#85
sec-Butylbenzene
Concen: 20.438 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:105 Resp: 16265

Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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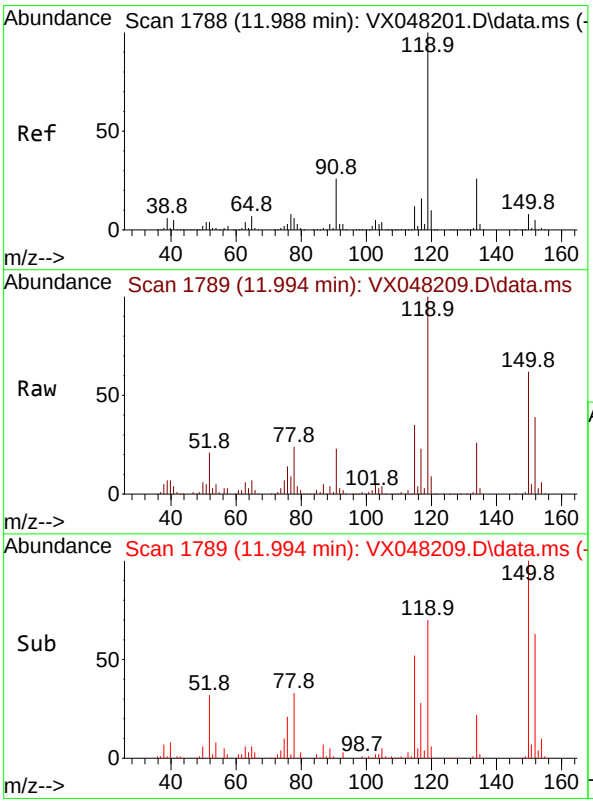
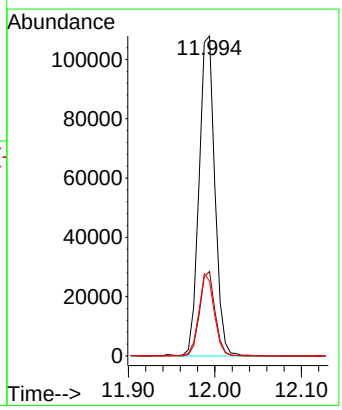
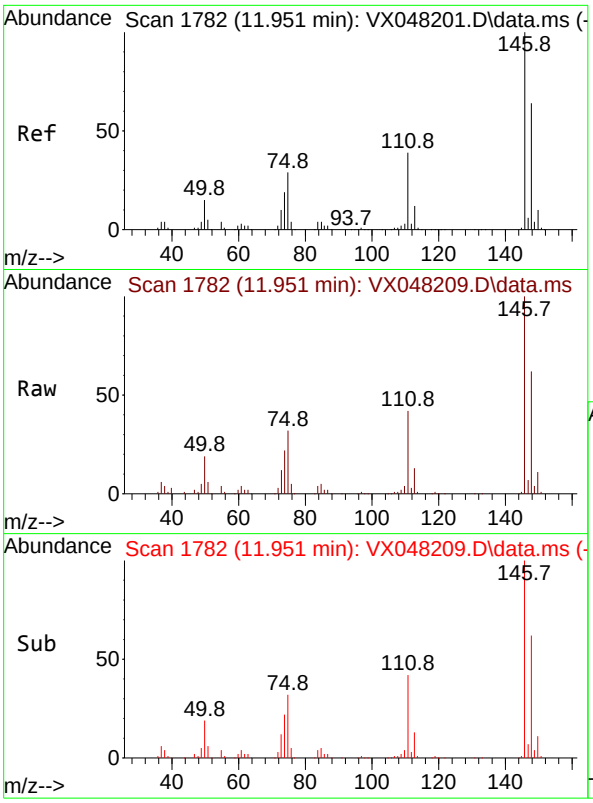


#86
p-Isopropyltoluene
Concen: 20.362 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:119 Resp: 136589

Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.0	39.0
91	25.1	12.1	36.3

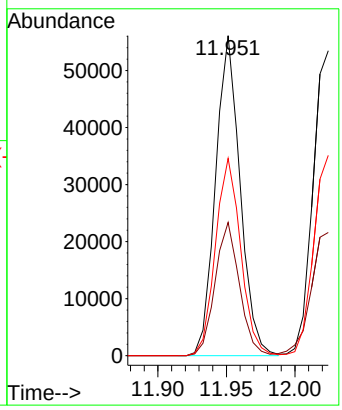




#87
1,3-Dichlorobenzene
Concen: 18.994 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:146 Resp: 6977

Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.4	61.2
148	63.5	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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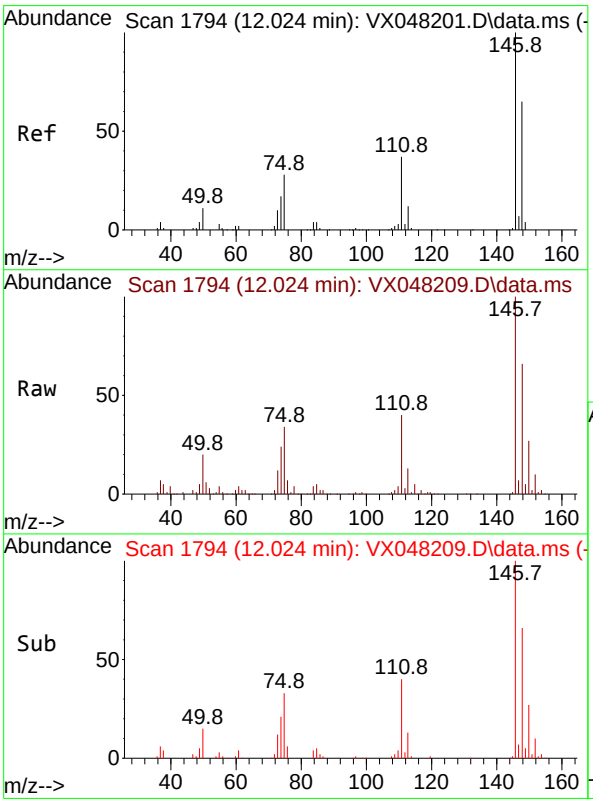
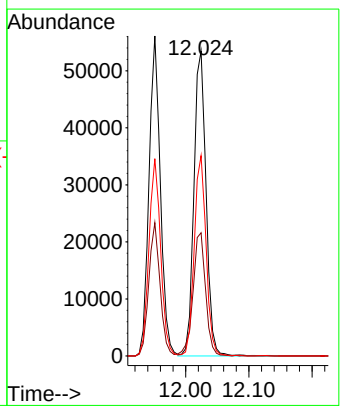
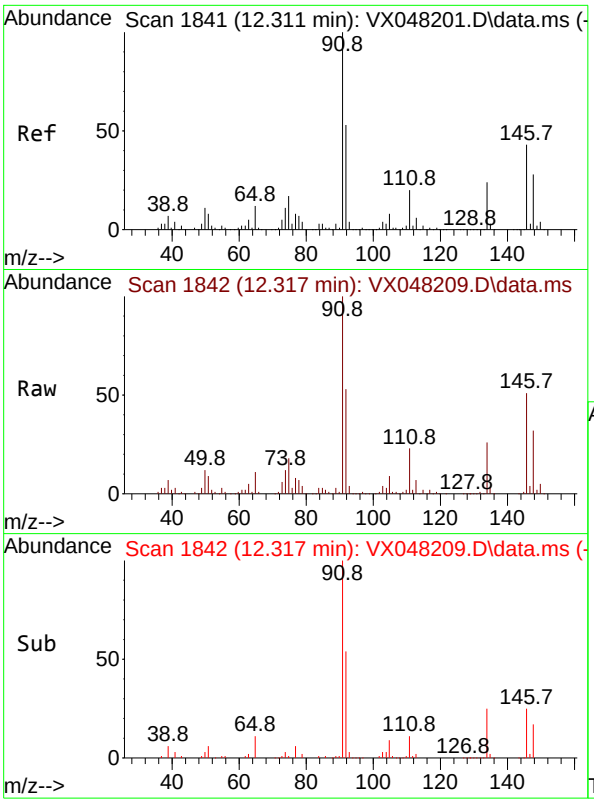


#88
1,4-Dichlorobenzene
Concen: 18.794 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:146 Resp: 71568

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.1	60.2
148	63.9	31.8	95.3

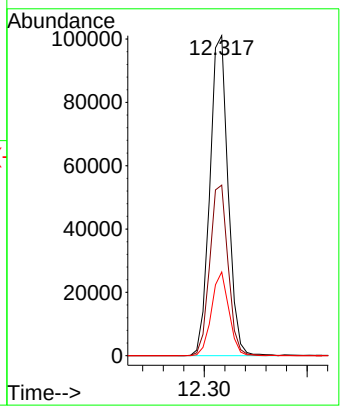




#89
n-Butylbenzene
Concen: 19.849 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 91 Resp: 12401

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.6
134	25.0	12.7	38.1



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

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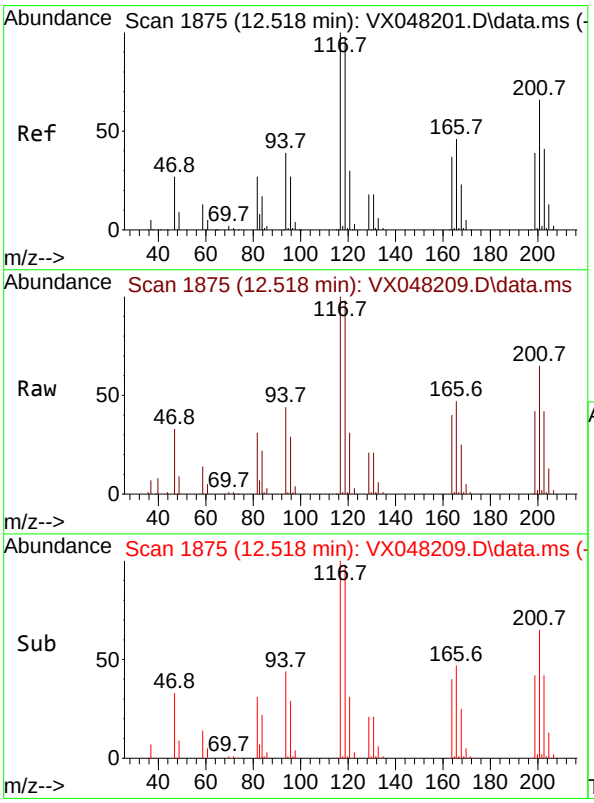
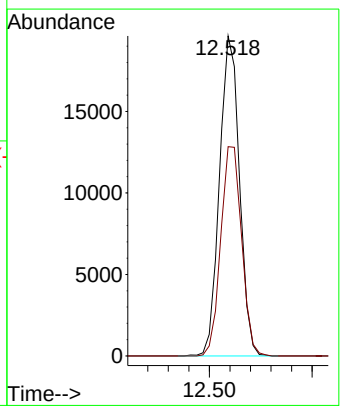
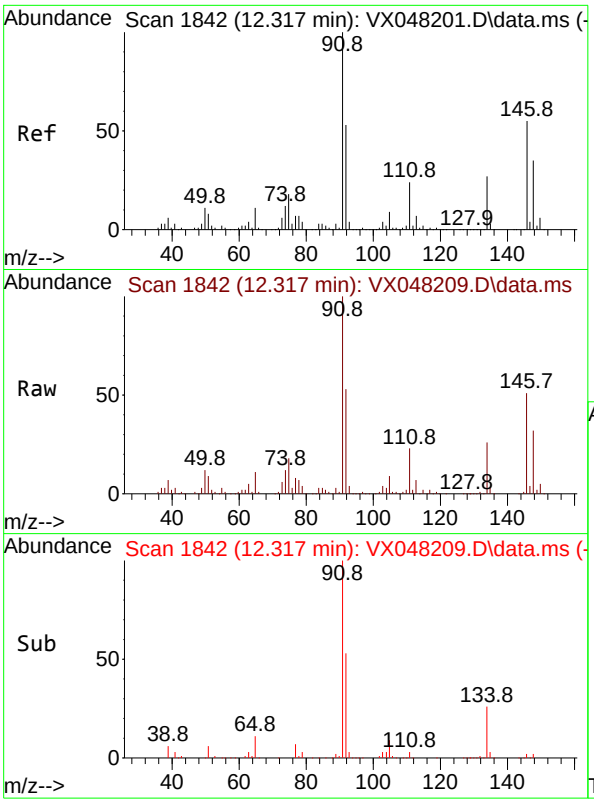


#90
Hexachloroethane
Concen: 18.632 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:117 Resp: 26380

Ion	Ratio	Lower	Upper
117	100		
201	68.6	34.1	102.2

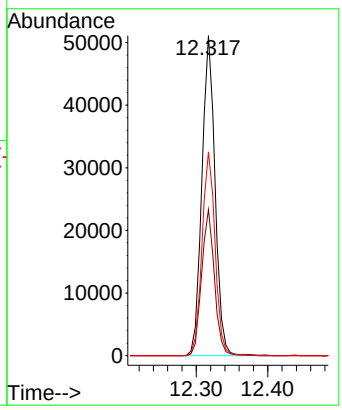




#91
1,2-Dichlorobenzene
Concen: 18.851 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:146 Resp: 6542

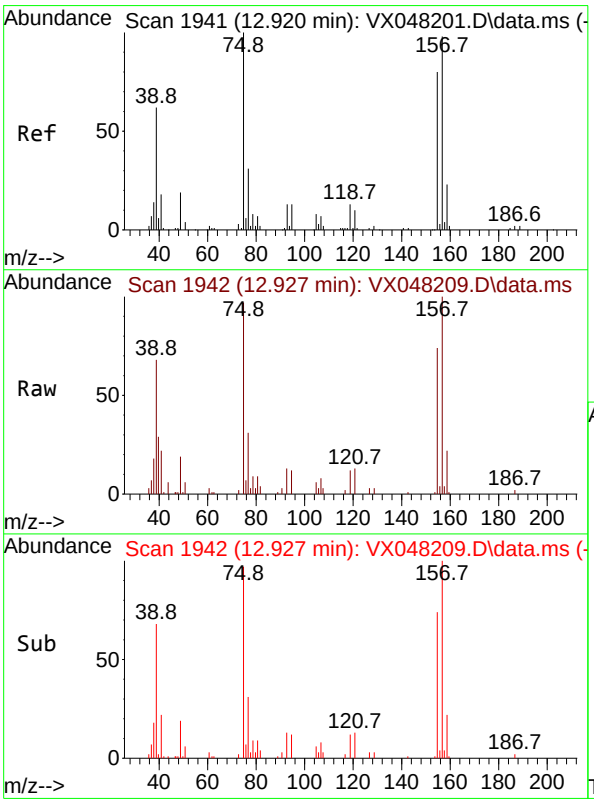
Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.9	65.5
148	63.4	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations APPROVED

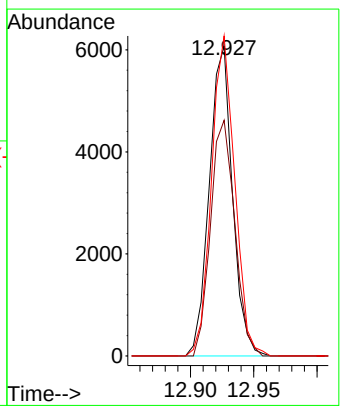
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

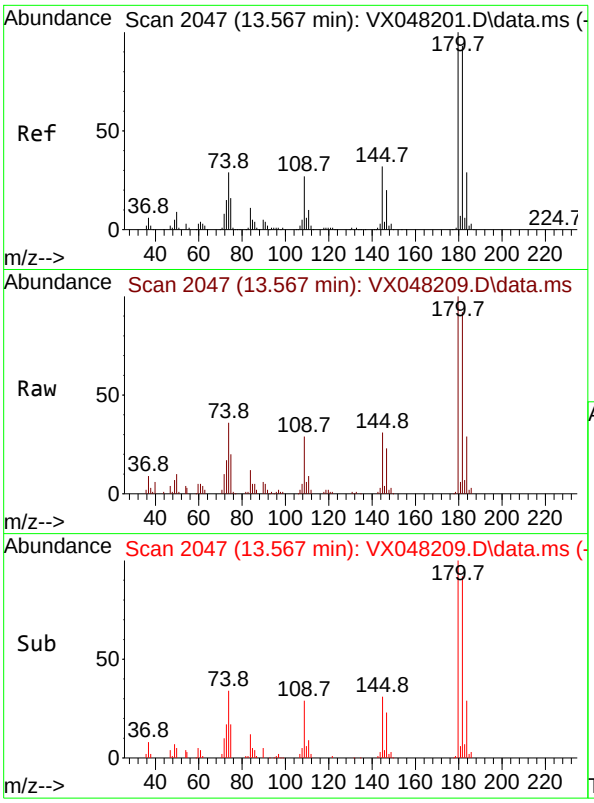


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.040 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion: 75 Resp: 7737

Ion	Ratio	Lower	Upper
75	100		
155	79.6	42.8	128.4
157	103.6	54.2	162.6

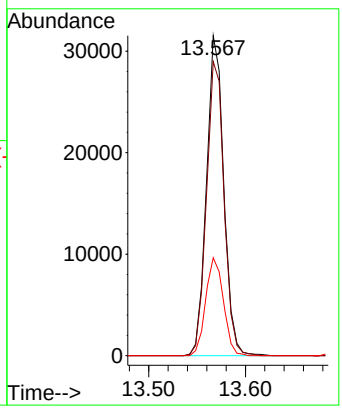




#93
1,2,4-Trichlorobenzene
Concen: 19.110 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:180 Resp: 3915

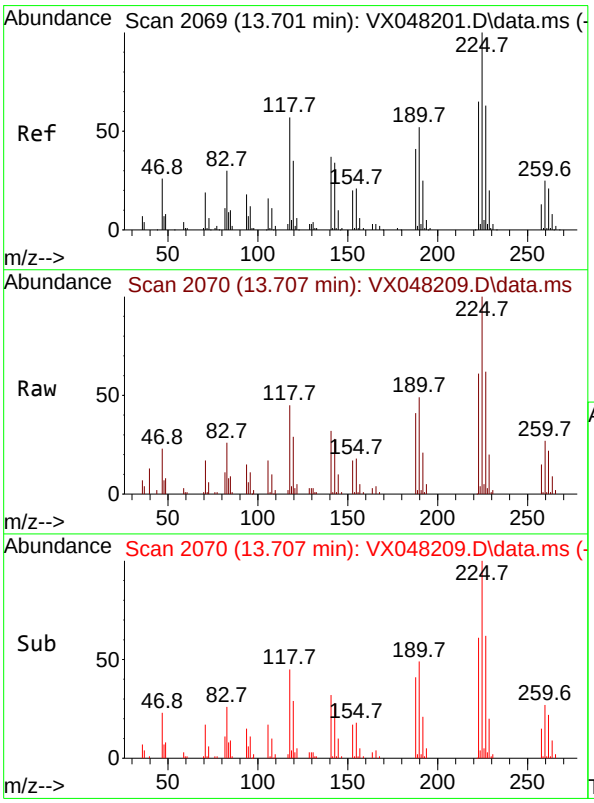
Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	142.0
145	31.4	16.3	48.9



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
APPROVED

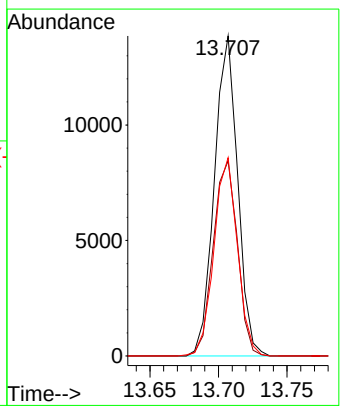
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

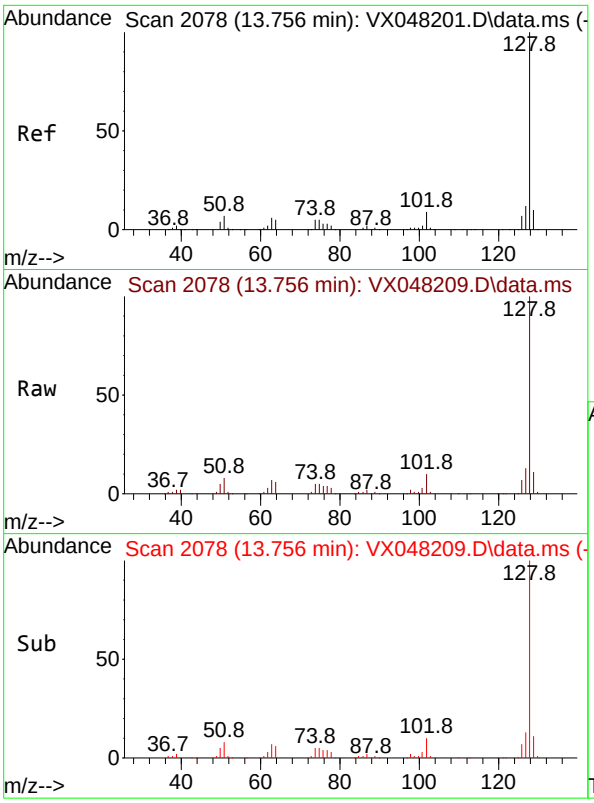


#94
Hexachlorobutadiene
Concen: 20.672 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:225 Resp: 16336

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.6	97.7
227	62.6	32.5	97.4

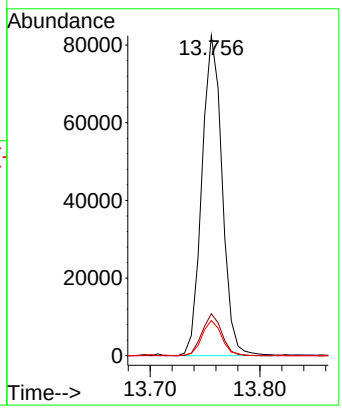




#95
Naphthalene
Concen: 19.577 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:128 Resp: 10574

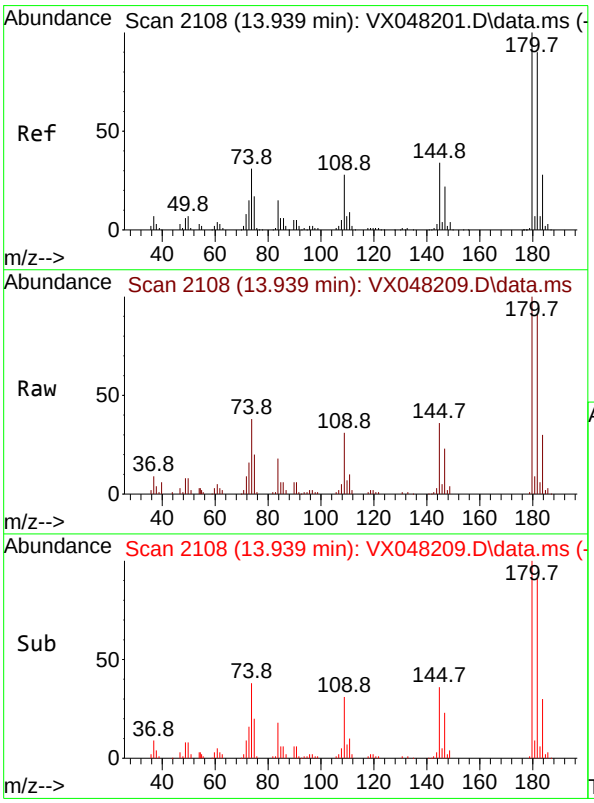
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Manual Integrations
APPROVED

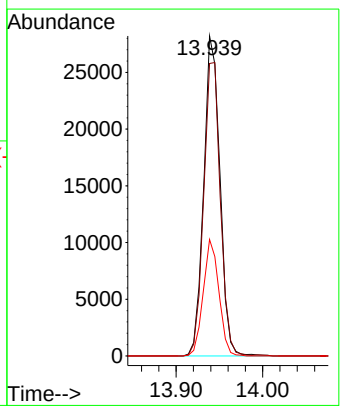
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.441 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048209.D
Acq: 17 Oct 2025 14:03

Tgt Ion:180 Resp: 36752

Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.6	139.7
145	35.1	16.9	50.7



Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-219MS	SDG No.:	Q3311
Lab Sample ID:	Q3311-03MS	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	46.5		1	0.22	1.00	ug/L	10/14/25 18:59	VX101425
74-87-3	Chloromethane	46.1		1	0.32	1.00	ug/L	10/14/25 18:59	VX101425
75-01-4	Vinyl Chloride	49.1		1	0.26	1.00	ug/L	10/14/25 18:59	VX101425
74-83-9	Bromomethane	50.8		1	1.40	5.00	ug/L	10/14/25 18:59	VX101425
75-00-3	Chloroethane	47.0		1	0.47	1.00	ug/L	10/14/25 18:59	VX101425
75-69-4	Trichlorofluoromethane	49.3		1	0.33	1.00	ug/L	10/14/25 18:59	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	47.4		1	0.25	1.00	ug/L	10/14/25 18:59	VX101425
75-35-4	1,1-Dichloroethene	47.1		1	0.23	1.00	ug/L	10/14/25 18:59	VX101425
67-64-1	Acetone	170		1	1.50	5.00	ug/L	10/14/25 18:59	VX101425
75-15-0	Carbon Disulfide	52.0		1	0.21	1.00	ug/L	10/14/25 18:59	VX101425
1634-04-4	Methyl tert-butyl Ether	43.8		1	0.16	1.00	ug/L	10/14/25 18:59	VX101425
79-20-9	Methyl Acetate	39.0		1	0.27	1.00	ug/L	10/14/25 18:59	VX101425
75-09-2	Methylene Chloride	46.1		1	0.28	1.00	ug/L	10/14/25 18:59	VX101425
156-60-5	trans-1,2-Dichloroethene	47.9		1	0.23	1.00	ug/L	10/14/25 18:59	VX101425
75-34-3	1,1-Dichloroethane	46.4		1	0.23	1.00	ug/L	10/14/25 18:59	VX101425
110-82-7	Cyclohexane	43.8		1	1.50	5.00	ug/L	10/14/25 18:59	VX101425
78-93-3	2-Butanone	210		1	0.98	5.00	ug/L	10/14/25 18:59	VX101425
56-23-5	Carbon Tetrachloride	49.8		1	0.25	1.00	ug/L	10/14/25 18:59	VX101425
156-59-2	cis-1,2-Dichloroethene	46.8		1	0.19	1.00	ug/L	10/14/25 18:59	VX101425
74-97-5	Bromochloromethane	47.8		1	0.22	1.00	ug/L	10/14/25 18:59	VX101425
67-66-3	Chloroform	48.7		1	0.25	1.00	ug/L	10/14/25 18:59	VX101425
71-55-6	1,1,1-Trichloroethane	46.9		1	0.20	1.00	ug/L	10/14/25 18:59	VX101425
108-87-2	Methylcyclohexane	47.3		1	0.16	1.00	ug/L	10/14/25 18:59	VX101425
71-43-2	Benzene	50.1		1	0.15	1.00	ug/L	10/14/25 18:59	VX101425
107-06-2	1,2-Dichloroethane	49.3		1	0.22	1.00	ug/L	10/14/25 18:59	VX101425
79-01-6	Trichloroethene	54.2		1	0.090	1.00	ug/L	10/14/25 18:59	VX101425
78-87-5	1,2-Dichloropropane	49.7		1	0.20	1.00	ug/L	10/14/25 18:59	VX101425
75-27-4	Bromodichloromethane	51.3		1	0.22	1.00	ug/L	10/14/25 18:59	VX101425
108-10-1	4-Methyl-2-Pentanone	240		1	0.68	5.00	ug/L	10/14/25 18:59	VX101425
108-88-3	Toluene	50.2		1	0.14	1.00	ug/L	10/14/25 18:59	VX101425
10061-02-6	t-1,3-Dichloropropene	48.0		1	0.17	1.00	ug/L	10/14/25 18:59	VX101425
10061-01-5	cis-1,3-Dichloropropene	46.8		1	0.16	1.00	ug/L	10/14/25 18:59	VX101425
79-00-5	1,1,2-Trichloroethane	50.9		1	0.21	1.00	ug/L	10/14/25 18:59	VX101425
591-78-6	2-Hexanone	220		1	0.89	5.00	ug/L	10/14/25 18:59	VX101425
124-48-1	Dibromochloromethane	51.9		1	0.18	1.00	ug/L	10/14/25 18:59	VX101425
106-93-4	1,2-Dibromoethane	51.5		1	0.15	1.00	ug/L	10/14/25 18:59	VX101425
127-18-4	Tetrachloroethene	280	E	1	0.23	1.00	ug/L	10/14/25 18:59	VX101425
108-90-7	Chlorobenzene	44.5		1	0.12	1.00	ug/L	10/14/25 18:59	VX101425
100-41-4	Ethyl Benzene	44.7		1	0.13	1.00	ug/L	10/14/25 18:59	VX101425
179601-23-1	m/p-Xylenes	91.1		1	0.24	2.00	ug/L	10/14/25 18:59	VX101425
95-47-6	o-Xylene	44.5		1	0.12	1.00	ug/L	10/14/25 18:59	VX101425
100-42-5	Styrene	45.0		1	0.15	1.00	ug/L	10/14/25 18:59	VX101425
75-25-2	Bromoform	49.2		1	0.19	1.00	ug/L	10/14/25 18:59	VX101425

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-219MS	SDG No.:	Q3311
Lab Sample ID:	Q3311-03MS	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	38.9		1	0.12	1.00	ug/L	10/14/25 18:59	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	40.3		1	0.26	1.00	ug/L	10/14/25 18:59	VX101425
541-73-1	1,3-Dichlorobenzene	38.9		1	0.16	1.00	ug/L	10/14/25 18:59	VX101425
106-46-7	1,4-Dichlorobenzene	38.7		1	0.19	1.00	ug/L	10/14/25 18:59	VX101425
95-50-1	1,2-Dichlorobenzene	38.9		1	0.16	1.00	ug/L	10/14/25 18:59	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	36.8		1	0.53	1.00	ug/L	10/14/25 18:59	VX101425
120-82-1	1,2,4-Trichlorobenzene	34.7		1	0.20	1.00	ug/L	10/14/25 18:59	VX101425
87-61-6	1,2,3-Trichlorobenzene	36.5		1	0.20	1.00	ug/L	10/14/25 18:59	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	46.6			74 - 125	93%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.2			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	47.3			86 - 113	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	50.3			77 - 121	101%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	113000							
540-36-3	1,4-Difluorobenzene	188000							
3114-55-4	Chlorobenzene-d5	184000							
3855-82-1	1,4-Dichlorobenzene-d4	100000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048177.D
Acq On : 14 Oct 2025 18:59
Operator : JC/MD
Sample : Q3311-03MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 15 02:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	113183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	188359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	183859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	100149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83904	46.572	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.140%			
35) Dibromofluoromethane	5.379	113	64643	51.172	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.340%			
50) Toluene-d8	8.635	98	206823	47.316	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.640%			
62) 4-Bromofluorobenzene	11.061	95	83421	50.287	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	54540	46.535	ug/l	99
3) Chloromethane	1.301	50	71003	46.095	ug/l	99
4) Vinyl Chloride	1.380	62	74070	49.123	ug/l	100
5) Bromomethane	1.618	94	48538	50.764	ug/l	98
6) Chloroethane	1.697	64	47379	47.013	ug/l	98
7) Trichlorofluoromethane	1.898	101	110316	49.273	ug/l	100
8) Diethyl Ether	2.136	74	41320	45.117	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	62091	47.430	ug/l	98
10) Methyl Iodide	2.459	142	76950	37.689	ug/l	99
11) Tert butyl alcohol	2.947	59	36744	183.126	ug/l	100
12) 1,1-Dichloroethene	2.325	96	63315	47.084	ug/l	95
13) Acrolein	2.239	56	30503	164.969	ug/l	99
14) Allyl chloride	2.666	41	117162	42.222	ug/l	98
15) Acrylonitrile	3.062	53	173110	232.920	ug/l	98
16) Acetone	2.373	43	135005	172.346	ug/l	96
17) Carbon Disulfide	2.520	76	191520	52.025	ug/l	99
18) Methyl Acetate	2.703	43	67978	38.994	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	215114	43.821	ug/l	98
20) Methylene Chloride	2.794	84	76520	46.149	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	69387	47.927	ug/l	98
22) Diisopropyl ether	3.757	45	245040	45.565	ug/l	98
23) Vinyl Acetate	3.715	43	936217	217.517	ug/l	100
24) 1,1-Dichloroethane	3.611	63	132635	46.402	ug/l	99
25) 2-Butanone	4.538	43	202872	207.624	ug/l	98
26) 2,2-Dichloropropane	4.471	77	94427	39.741	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	82963	46.792	ug/l	98
28) Bromochloromethane	4.891	49	59641	47.794	ug/l	100
29) Tetrahydrofuran	4.995	42	128311	218.287	ug/l	99
30) Chloroform	5.086	83	140781	48.739	ug/l	98
31) Cyclohexane	5.464	56	104351	43.833	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	114857	46.880	ug/l	98
36) 1,1-Dichloropropene	5.684	75	89974	48.743	ug/l	99
37) Ethyl Acetate	4.702	43	88046	44.548	ug/l	98
38) Carbon Tetrachloride	5.666	117	99803	49.762	ug/l	97
39) Methylcyclohexane	7.367	83	99094	47.293	ug/l	99
40) Benzene	6.025	78	280855	50.095	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048177.D
Acq On : 14 Oct 2025 18:59
Operator : JC/MD
Sample : Q3311-03MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 15 02:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.910	41	47567	46.619	ug/l		96
42) 1,2-Dichloroethane	6.074	62	105095	49.267	ug/l		99
43) Isopropyl Acetate	6.324	43	142381	43.925	ug/l		99
44) Trichloroethene	7.110	130	73396	54.150	ug/l		97
45) 1,2-Dichloropropane	7.415	63	71391	49.729	ug/l		99
46) Dibromomethane	7.568	93	52143	49.913	ug/l		96
47) Bromodichloromethane	7.805	83	110549	51.281	ug/l		100
48) Methyl methacrylate	7.677	41	72740	45.051	ug/l		96
49) 1,4-Dioxane	7.647	88	16171	991.034	ug/l		96
51) 4-Methyl-2-Pentanone	8.555	43	435584	242.367	ug/l		100
52) Toluene	8.702	92	173526	50.237	ug/l		100
53) t-1,3-Dichloropropene	8.964	75	105505	47.981	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	110077	46.835	ug/l		99
55) 1,1,2-Trichloroethane	9.134	97	67743	50.862	ug/l		99
56) Ethyl methacrylate	9.104	69	99551	47.594	ug/l		99
57) 1,3-Dichloropropane	9.293	76	115447	50.458	ug/l		99
59) 2-Hexanone	9.415	43	290363	224.955	ug/l		100
60) Dibromochloromethane	9.506	129	79592	51.864	ug/l		98
61) 1,2-Dibromoethane	9.592	107	69831	51.475	ug/l		100
64) Tetrachloroethene	9.256	164	338188	282.160	ug/l		99
65) Chlorobenzene	10.061	112	185963	44.521	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	66507	46.142	ug/l		98
67) Ethyl Benzene	10.177	91	321978	44.676	ug/l		99
68) m/p-Xylenes	10.287	106	244482	91.140	ug/l		98
69) o-Xylene	10.628	106	115463	44.501	ug/l		100
70) Styrene	10.640	104	204406	44.962	ug/l		99
71) Bromoform	10.781	173	52960	49.208	ug/l	#	98
73) Isopropylbenzene	10.945	105	296306	38.916	ug/l		99
74) N-amyl acetate	10.829	43	118143	34.027	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	92851	40.307	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	91617m	45.183	ug/l		
77) Bromobenzene	11.183	156	73610	39.253	ug/l		98
78) n-propylbenzene	11.287	91	353805	39.309	ug/l		100
79) 2-Chlorotoluene	11.348	91	214818	38.968	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	245592	39.260	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	26756	33.650	ug/l		97
82) 4-Chlorotoluene	11.439	91	255455	39.236	ug/l		100
83) tert-Butylbenzene	11.695	119	245346	38.313	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	248576	39.195	ug/l		99
85) sec-Butylbenzene	11.872	105	294940	38.776	ug/l		99
86) p-Isopropyltoluene	11.994	119	244107	37.908	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	135392	38.871	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	138429	38.722	ug/l		99
89) n-Butylbenzene	12.317	91	223001	37.426	ug/l		98
90) Hexachloroethane	12.518	117	48235	42.664	ug/l		95
91) 1,2-Dichlorobenzene	12.317	146	128968	38.864	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17178	36.832	ug/l		94
93) 1,2,4-Trichlorobenzene	13.567	180	74788	34.678	ug/l		95
94) Hexachlorobutadiene	13.707	225	25789	35.204	ug/l		99
95) Naphthalene	13.756	128	234346	35.684	ug/l		99
96) 1,2,3-Trichlorobenzene	13.938	180	73249	36.512	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048177.D
Acq On : 14 Oct 2025 18:59
Operator : JC/MD
Sample : Q3311-03MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 15 02:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048177.D
Acq On : 14 Oct 2025 18:59
Operator : JC/MD
Sample : Q3311-03MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 15 02:51:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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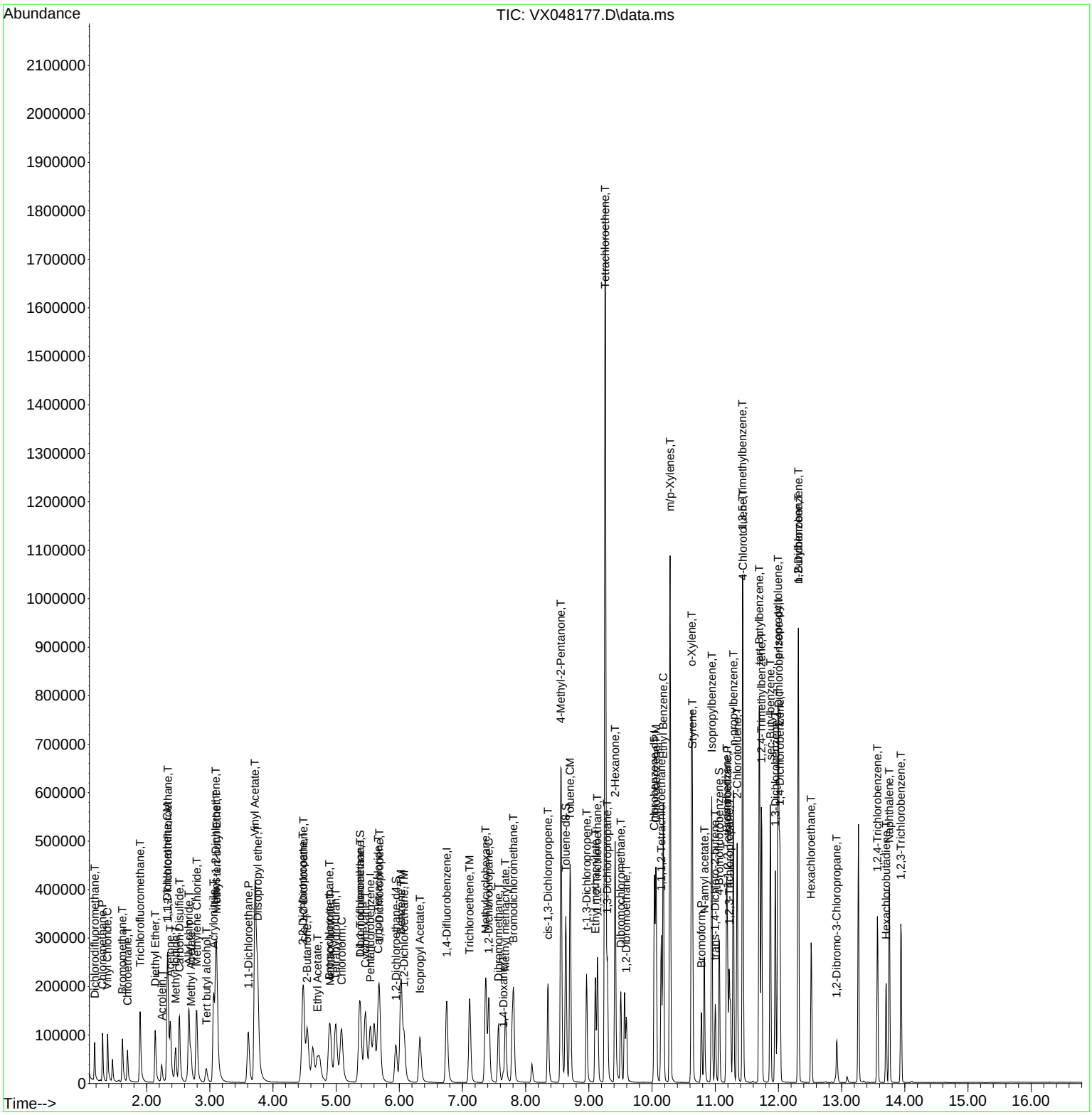
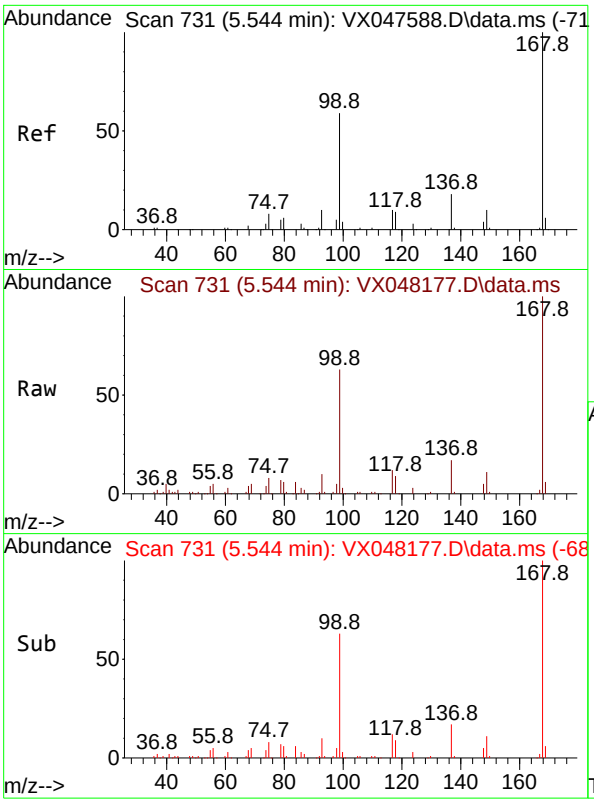
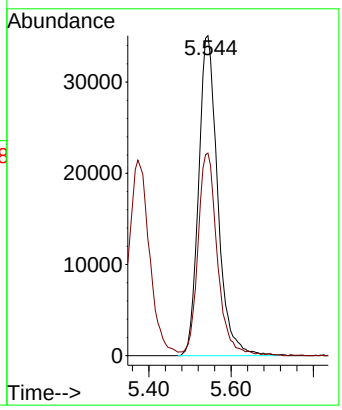




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:168 Resp: 11318

Ion	Ratio	Lower	Upper
168	100		
99	63.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
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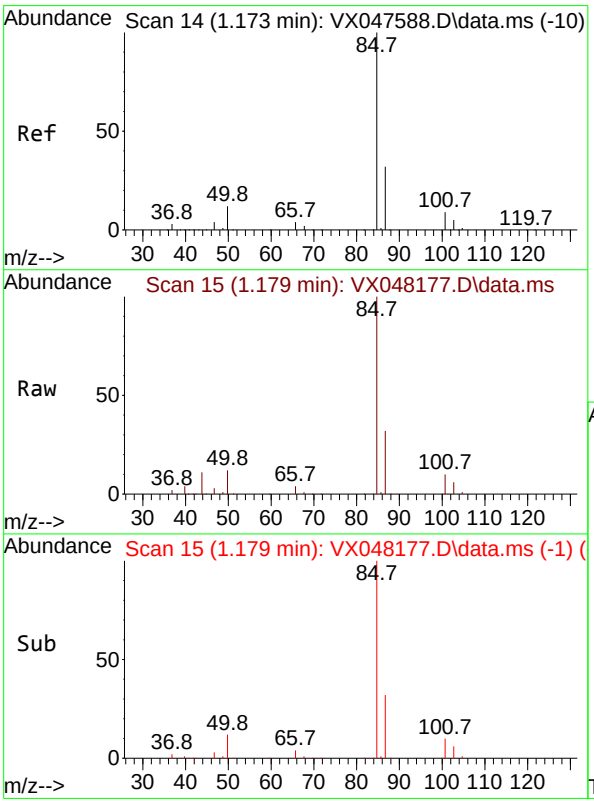
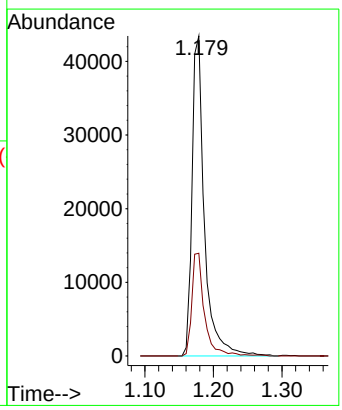
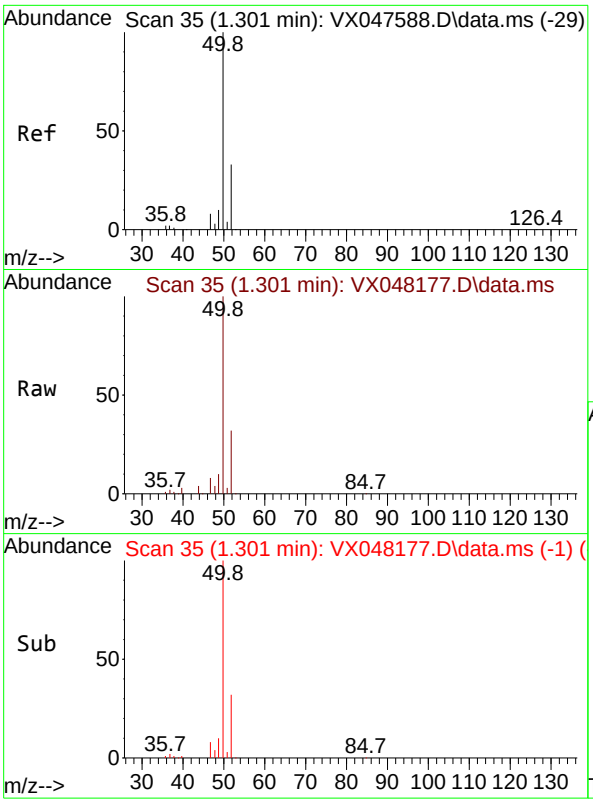


#2
Dichlorodifluoromethane
Concen: 46.535 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 85 Resp: 54540

Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.8	47.3

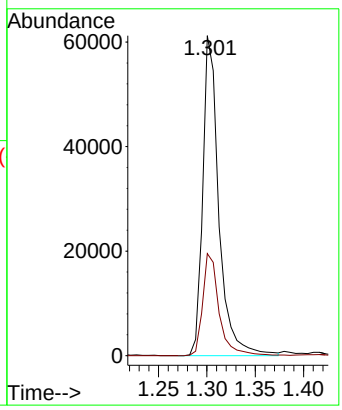




#3
Chloromethane
Concen: 46.095 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 50 Resp: 7100

Ion	Ratio	Lower	Upper
50	100		
52	31.9	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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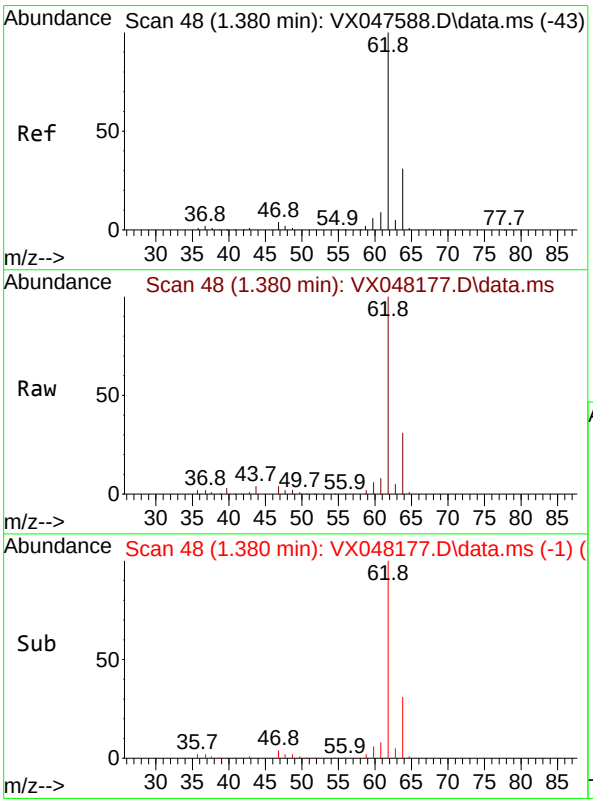
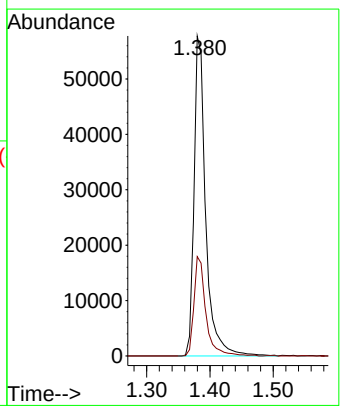
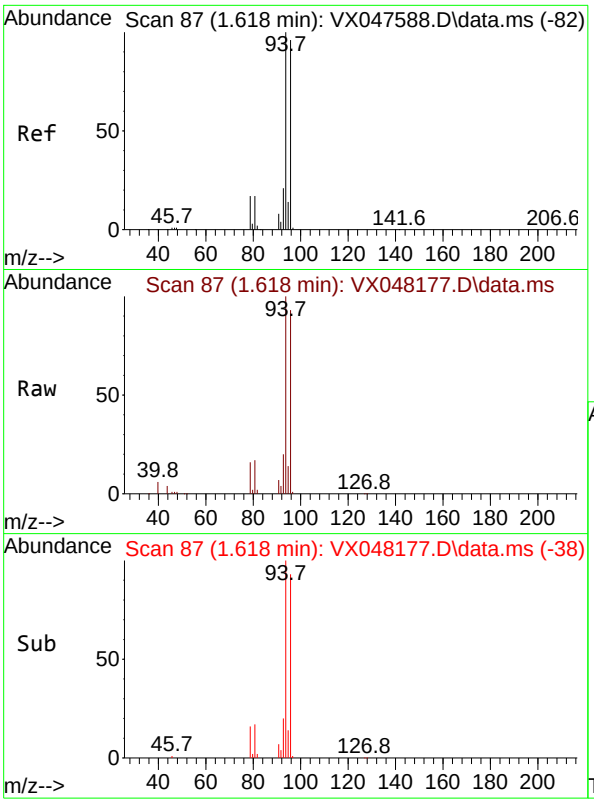


#4
Vinyl Chloride
Concen: 49.123 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 62 Resp: 74070

Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.9	37.3

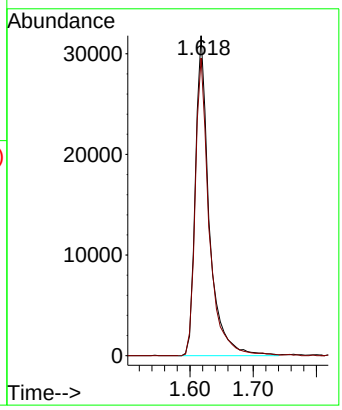




#5
Bromomethane
Concen: 50.764 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 94 Resp: 4853

Ion	Ratio	Lower	Upper
94	100		
96	94.1	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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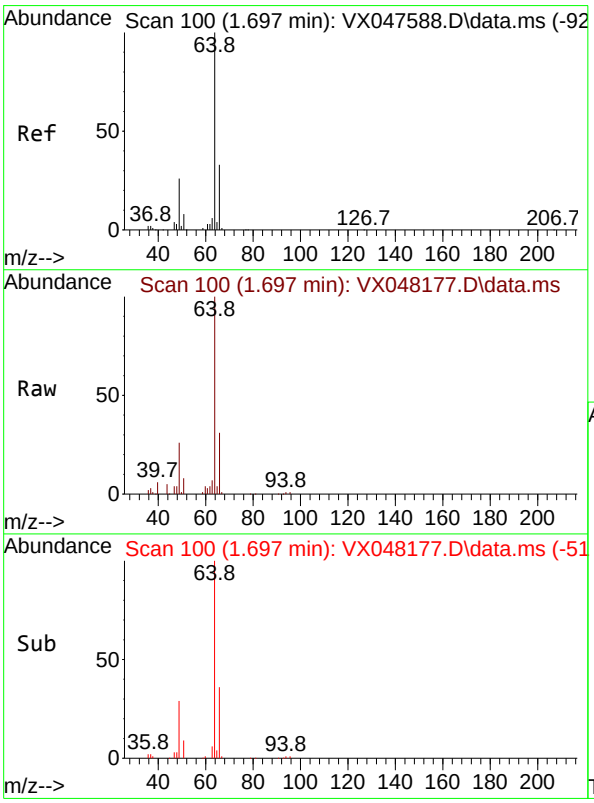
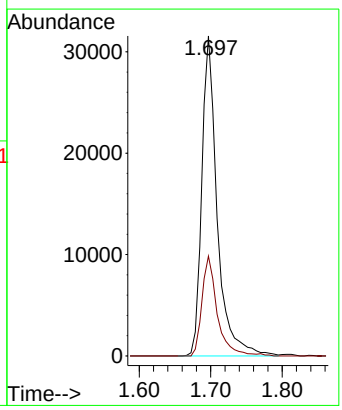
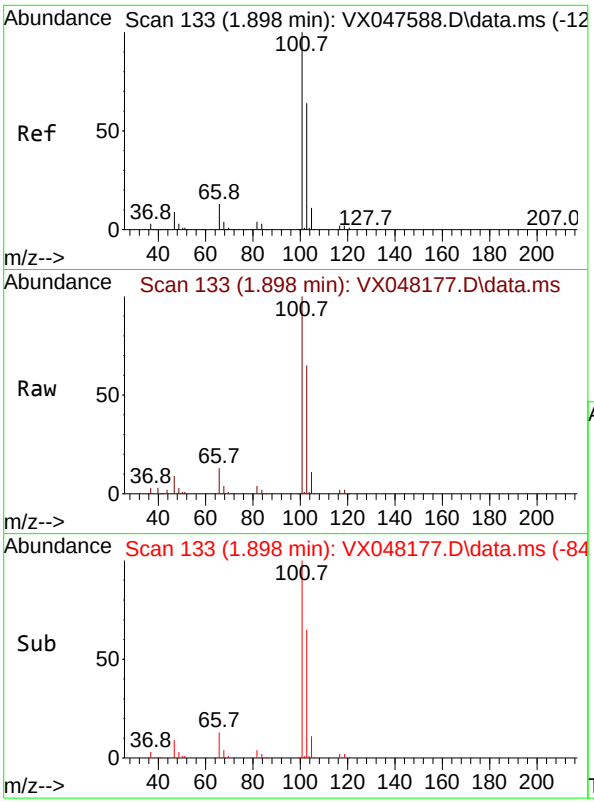


#6
Chloroethane
Concen: 47.013 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 64 Resp: 47379

Ion	Ratio	Lower	Upper
64	100		
66	31.2	26.1	39.1

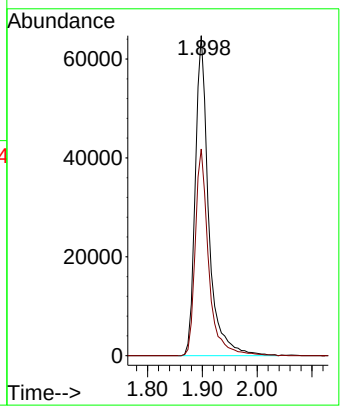




#7
Trichlorofluoromethane
Concen: 49.273 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:101 Resp: 11031

Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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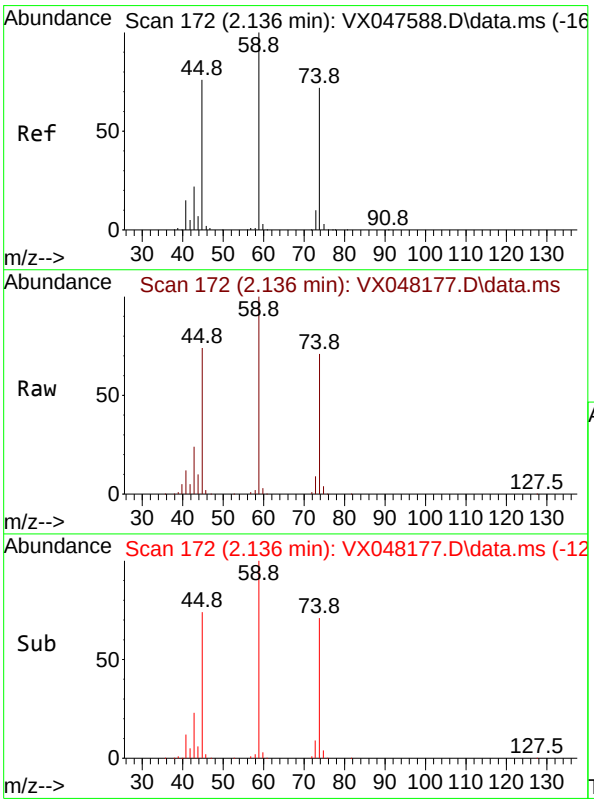
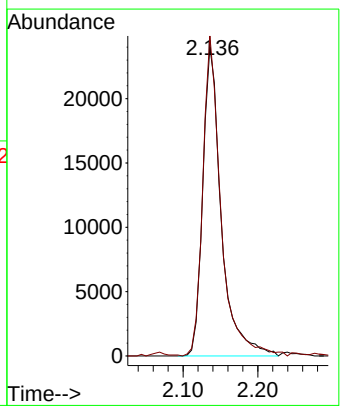
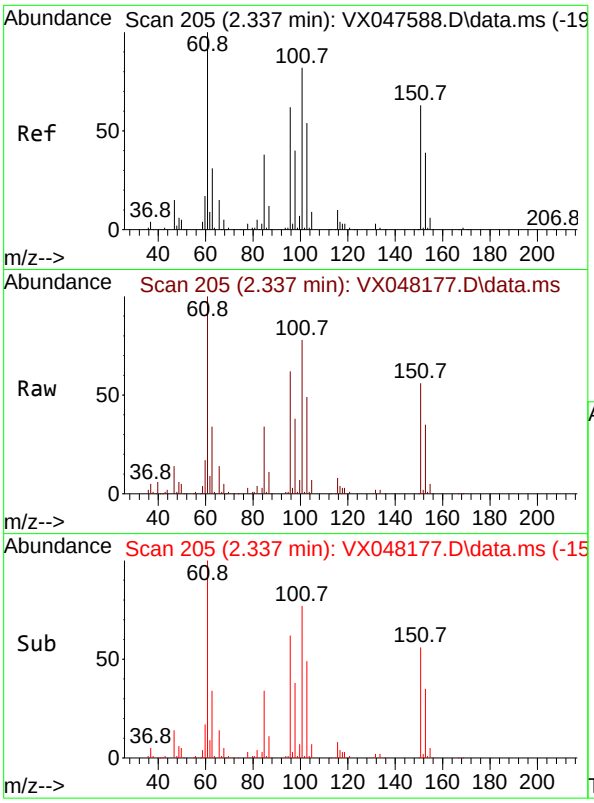


#8
Diethyl Ether
Concen: 45.117 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 74 Resp: 41320

Ion	Ratio	Lower	Upper
74	100		
45	101.7	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.430 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:101 Resp: 6209

Ion	Ratio	Lower	Upper
101	100		
85	44.5	35.5	53.3
151	72.2	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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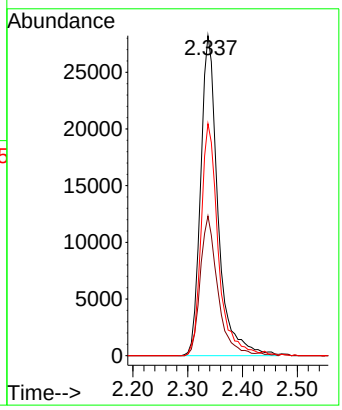
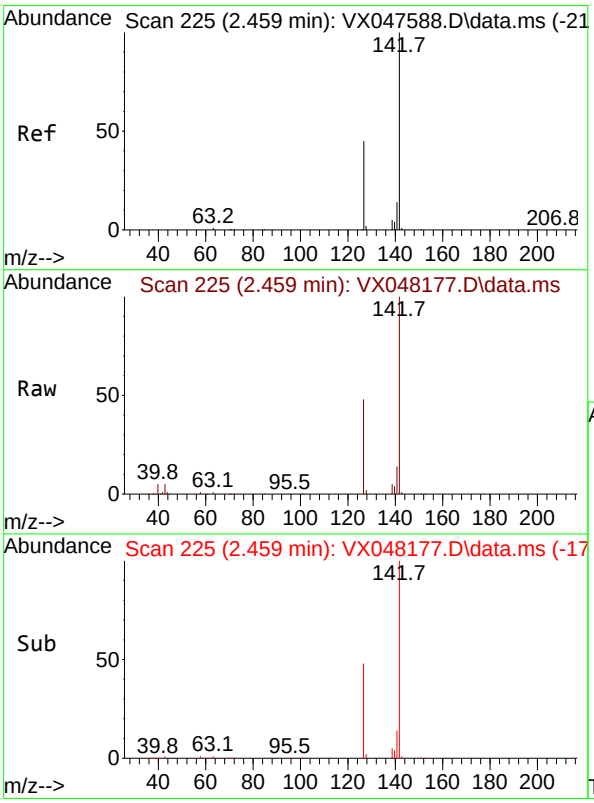
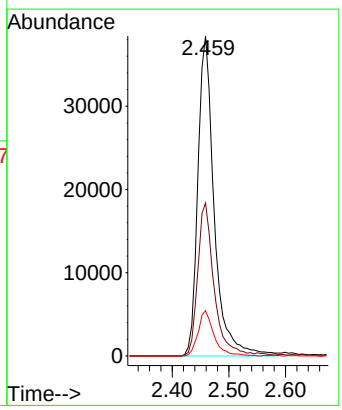


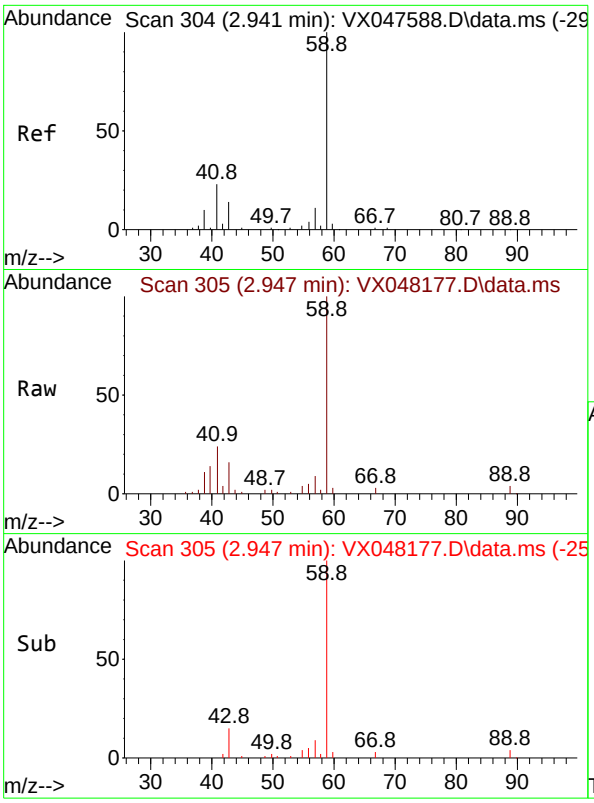


#10
Methyl Iodide
Concen: 37.689 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:142 Resp: 76950

Ion	Ratio	Lower	Upper
142	100		
127	47.5	37.2	55.8
141	13.8	11.4	17.0

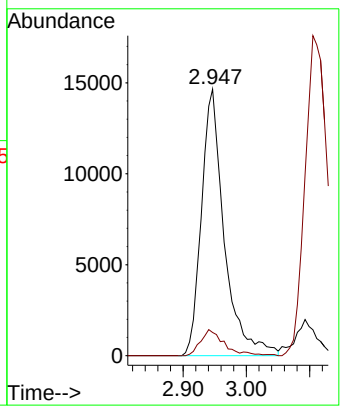




#11
Tert butyl alcohol
Concen: 183.126 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 59 Resp: 3674

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
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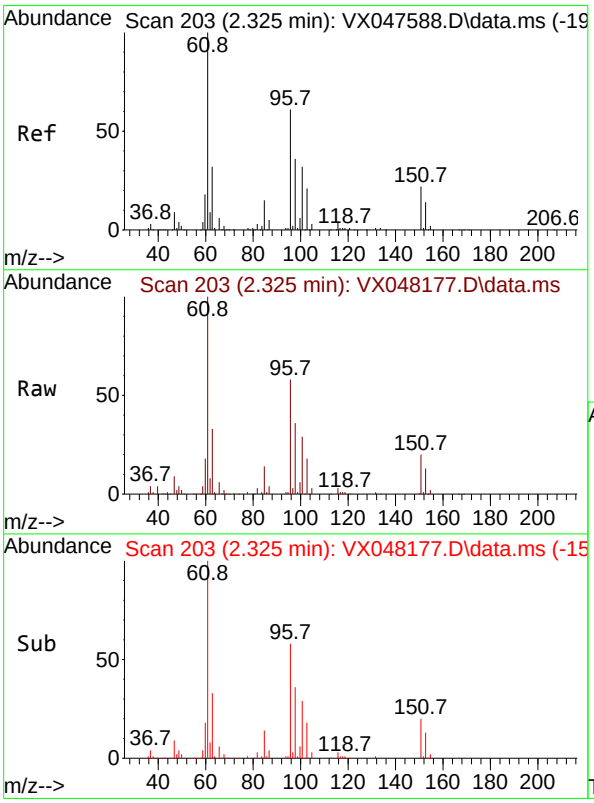
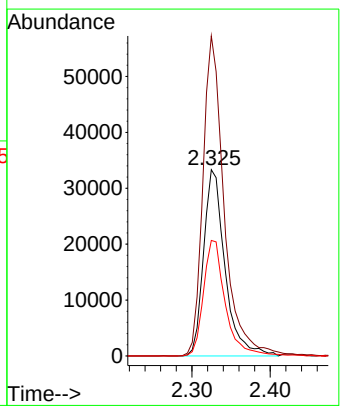
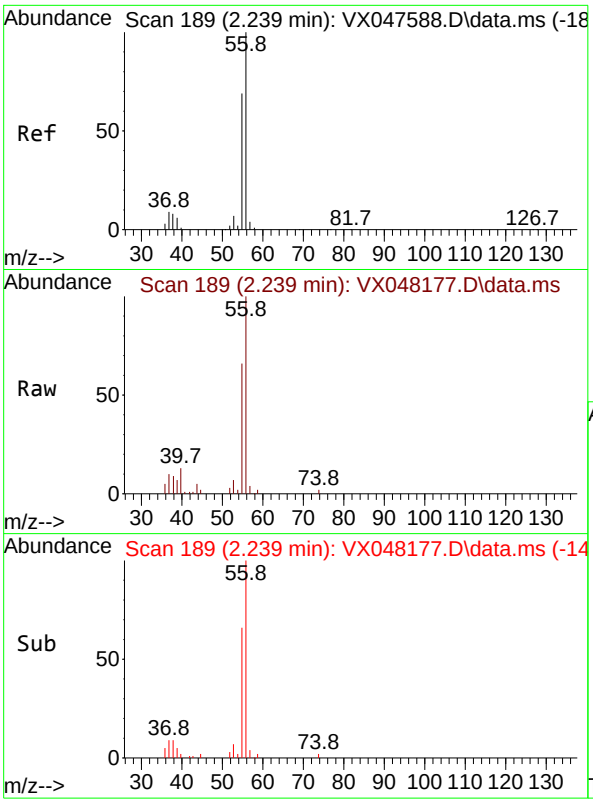


#12
1,1-Dichloroethene
Concen: 47.084 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 96 Resp: 63315

Ion	Ratio	Lower	Upper
96	100		
61	171.8	131.0	196.6
98	62.0	47.7	71.5

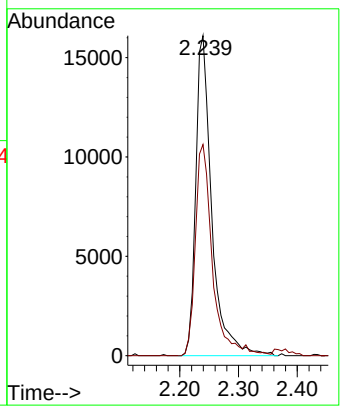




#13
Acrolein
Concen: 164.969 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 56 Resp: 3050

Ion	Ratio	Lower	Upper
56	100		
55	70.5	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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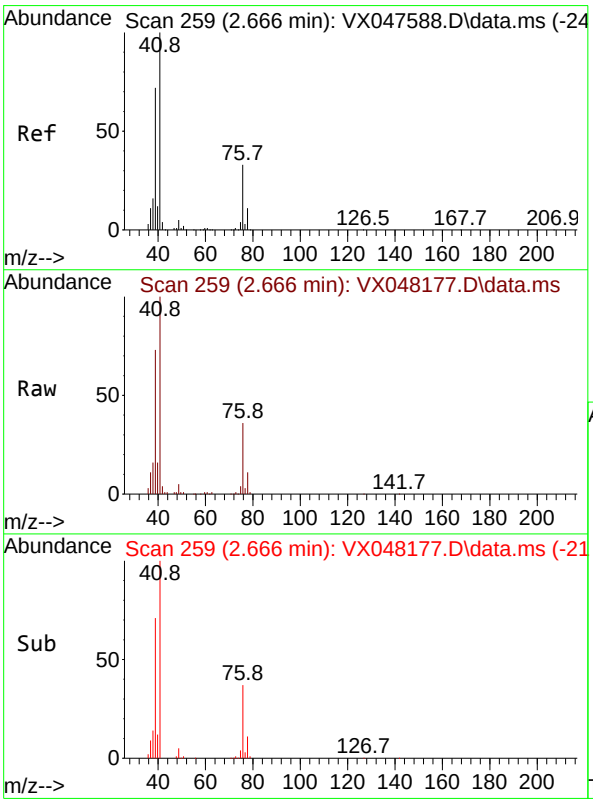
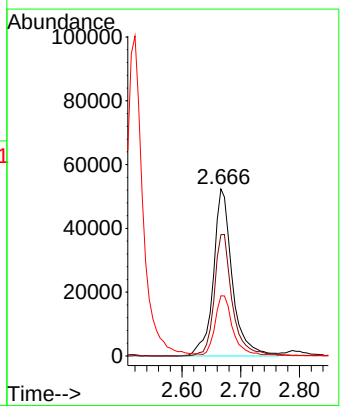
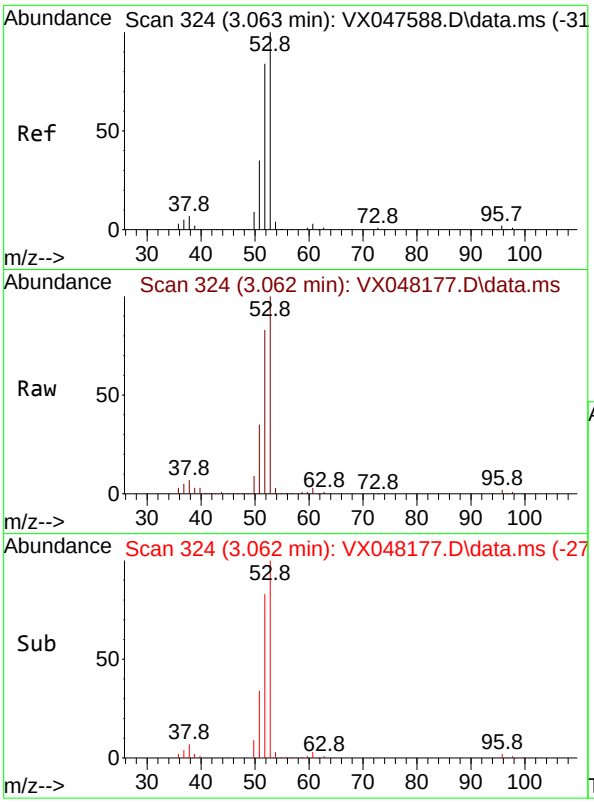


#14
Allyl chloride
Concen: 42.222 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 41 Resp: 117162

Ion	Ratio	Lower	Upper
41	100		
39	69.8	54.7	82.1
76	34.1	25.7	38.5

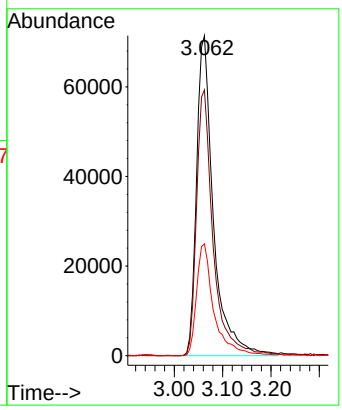




#15
Acrylonitrile
Concen: 232.920 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 53 Resp: 17311

Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.4	99.6
51	36.0	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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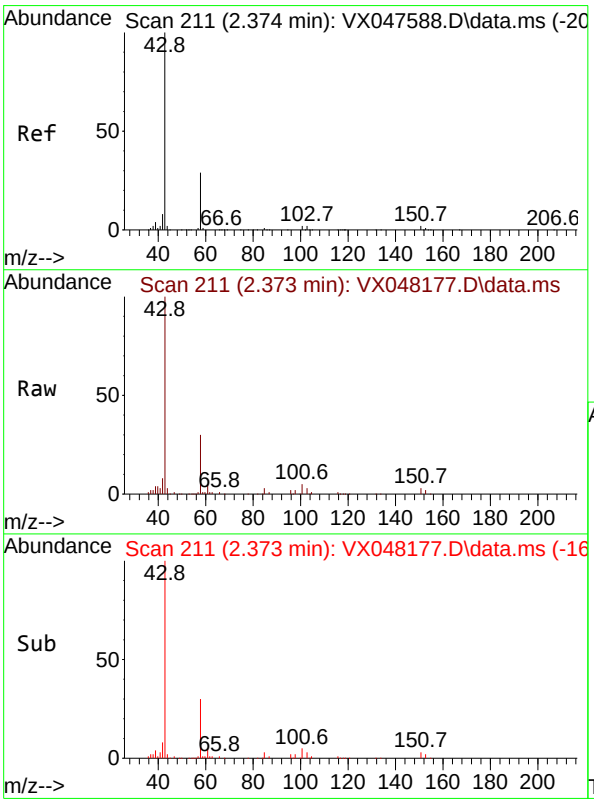
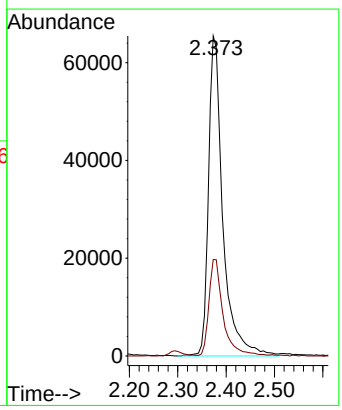
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

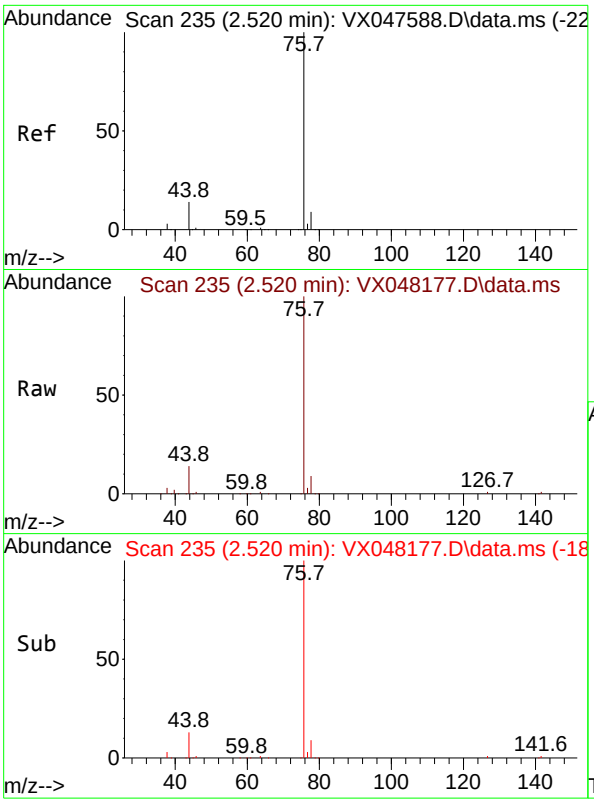


#16
Acetone
Concen: 172.346 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 43 Resp: 135005

Ion	Ratio	Lower	Upper
43	100		
58	31.5	23.4	35.0

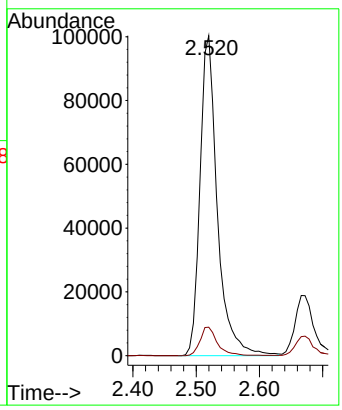




#17
Carbon Disulfide
Concen: 52.025 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 76 Resp: 19152

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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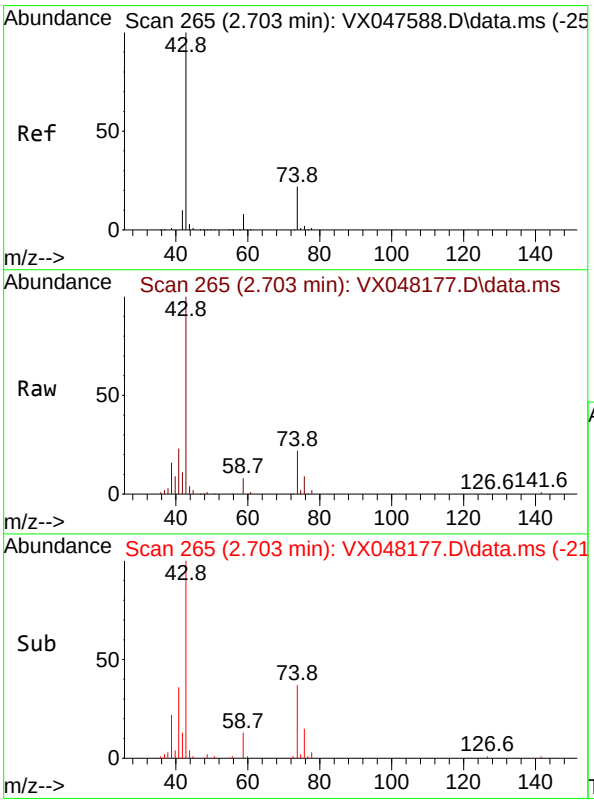
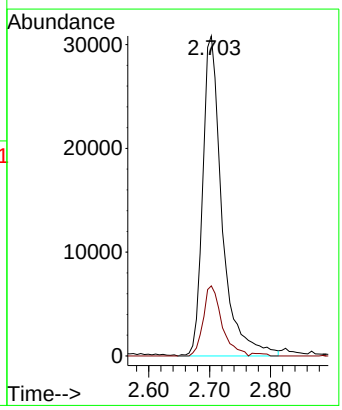
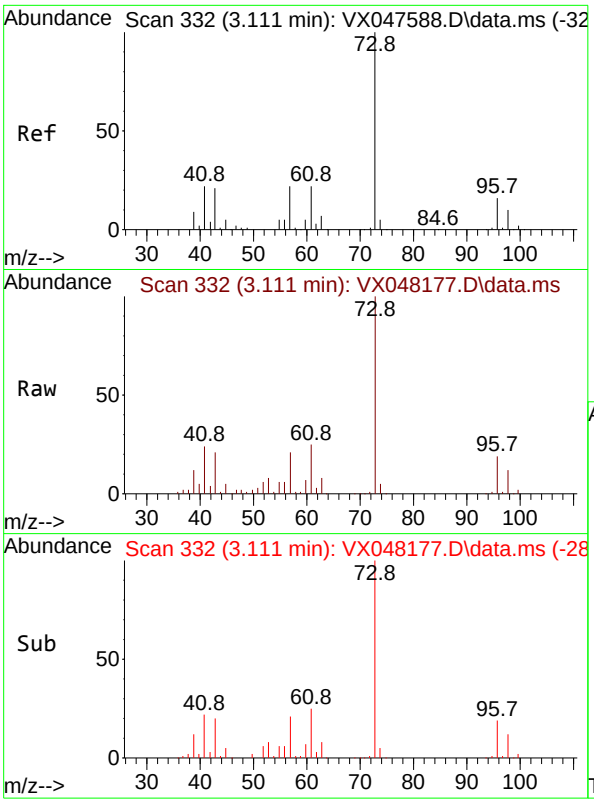


#18
Methyl Acetate
Concen: 38.994 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 43 Resp: 67978

Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.4	26.2

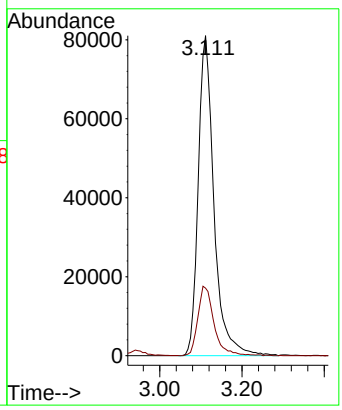




#19
Methyl tert-butyl Ether
Concen: 43.821 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 73 Resp: 21511

Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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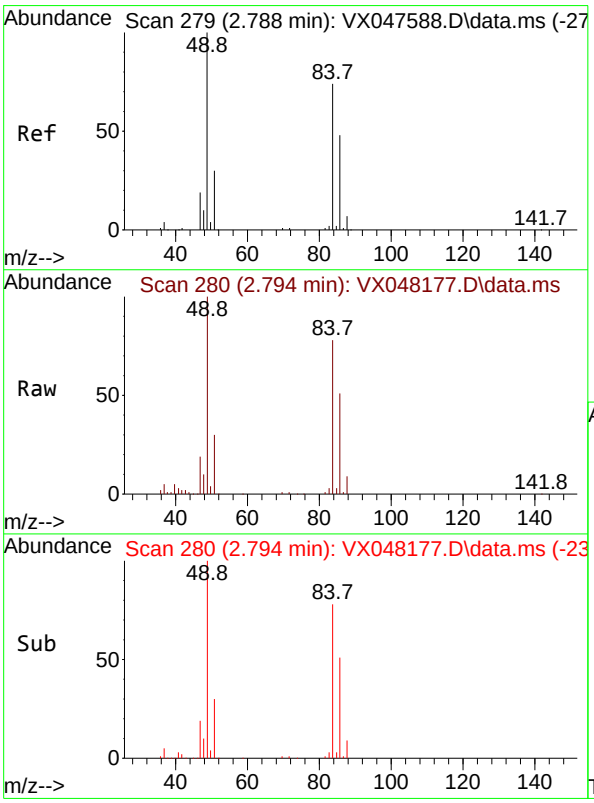
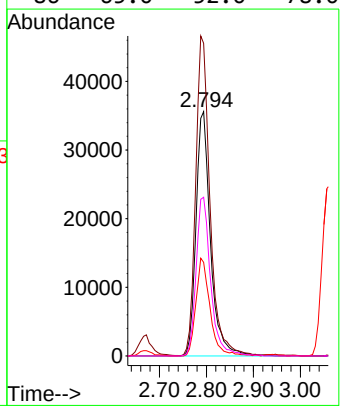
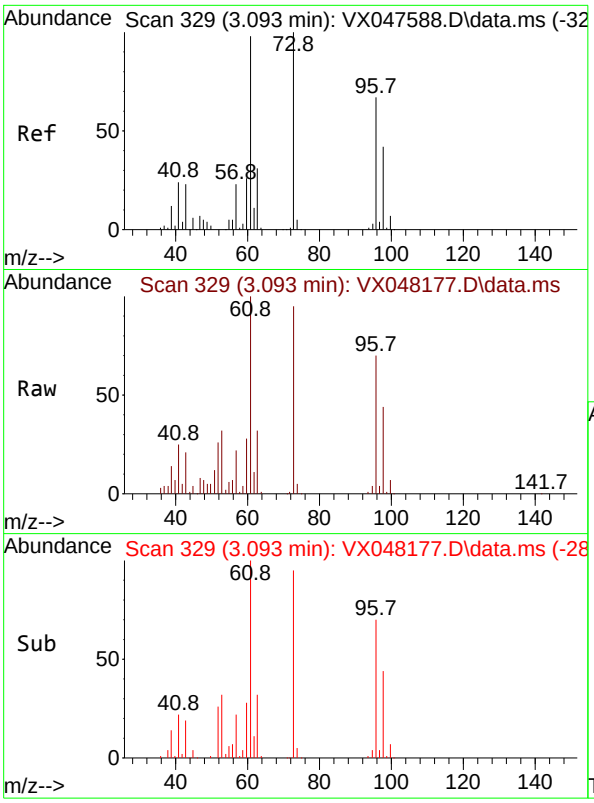


#20
Methylene Chloride
Concen: 46.149 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 84 Resp: 76520

Ion	Ratio	Lower	Upper
84	100		
49	127.8	108.6	162.8
51	38.3	32.6	48.8
86	65.0	52.0	78.0

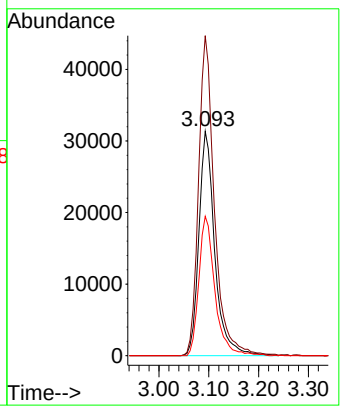




#21
trans-1,2-Dichloroethene
Concen: 47.927 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 96 Resp: 6938

Ion	Ratio	Lower	Upper
96	100		
61	142.6	116.2	174.2
98	62.1	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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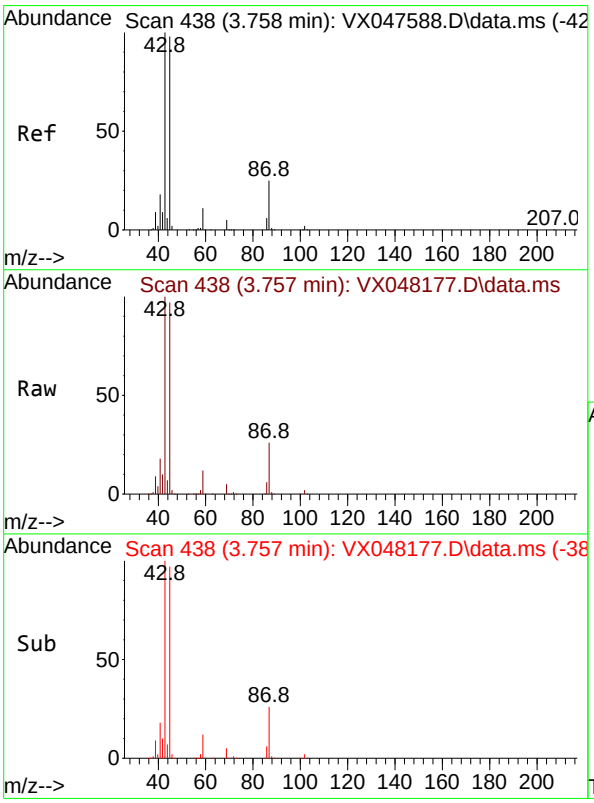
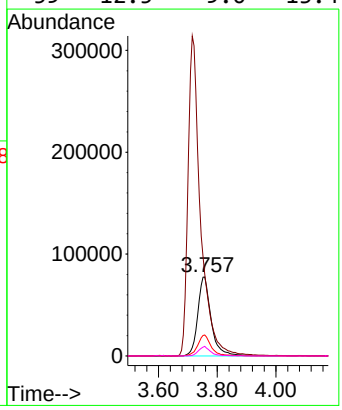
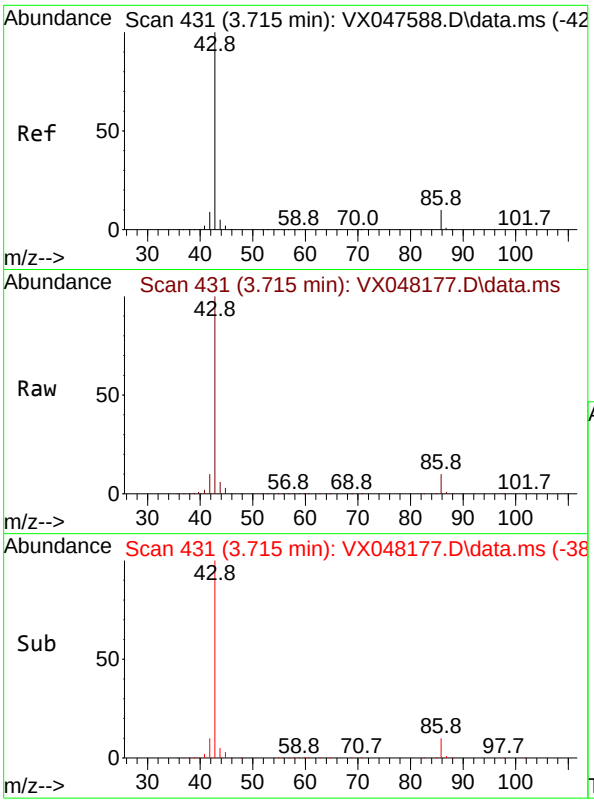


#22
Diisopropyl ether
Concen: 45.565 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 45 Resp: 245040

Ion	Ratio	Lower	Upper
45	100		
43	103.1	81.0	121.4
87	26.6	20.3	30.5
59	12.5	9.0	13.4





#23
Vinyl Acetate
Concen: 217.517 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 43 Resp: 93621

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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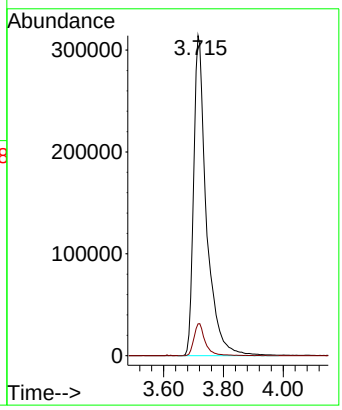
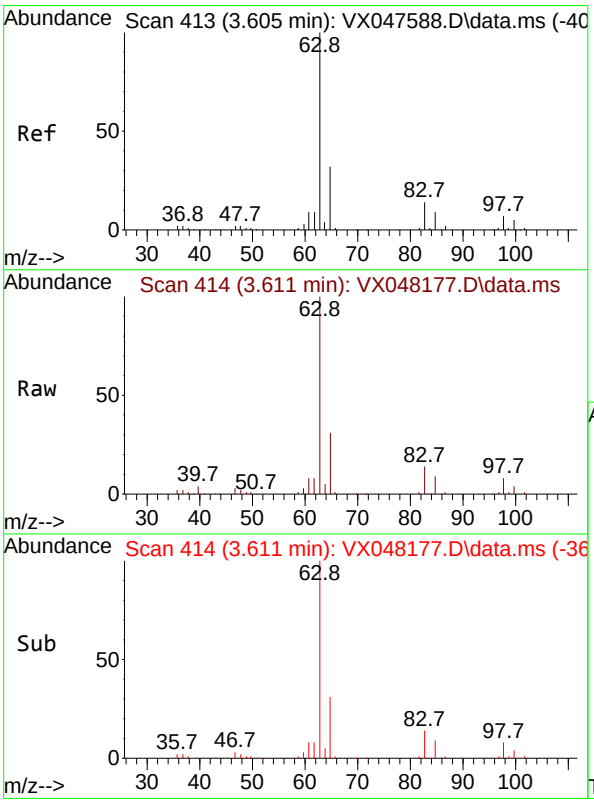
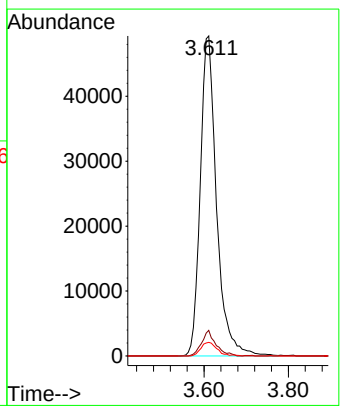


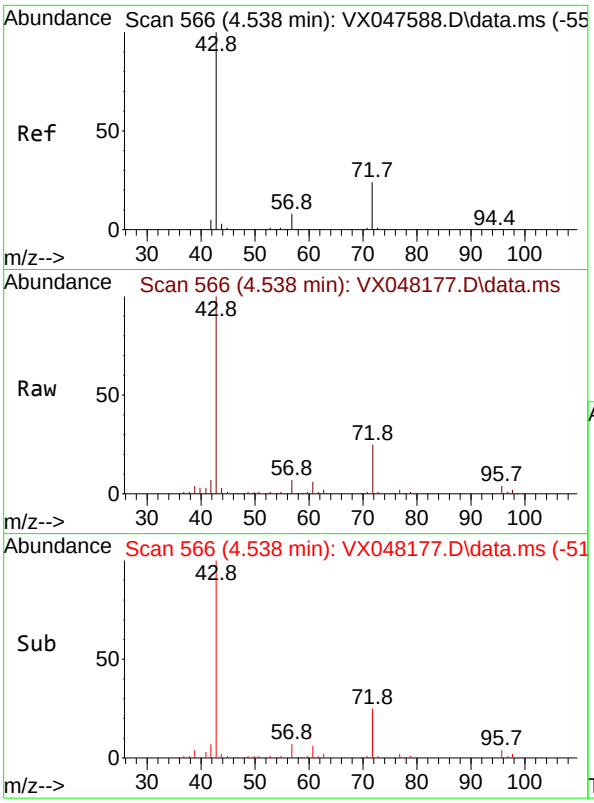


#24
1,1-Dichloroethane
Concen: 46.402 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 63 Resp: 132635

Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.8	11.2
100	4.3	2.3	6.9

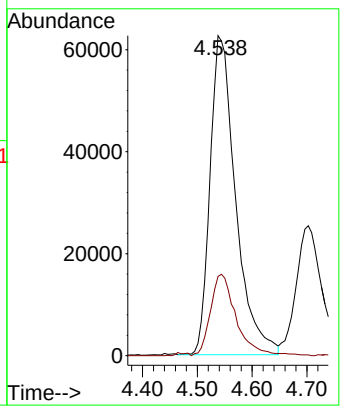




#25
2-Butanone
Concen: 207.624 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 43 Resp: 20287

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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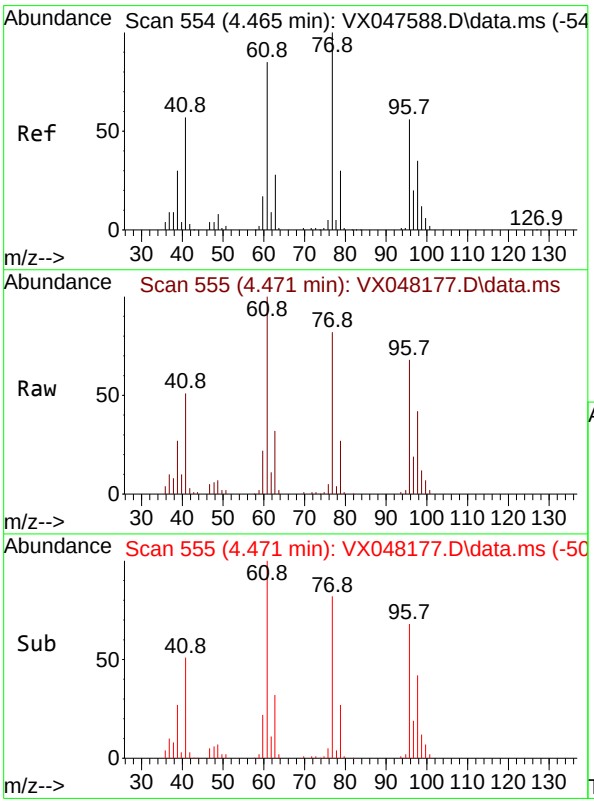
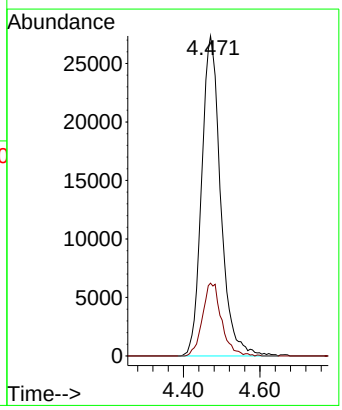
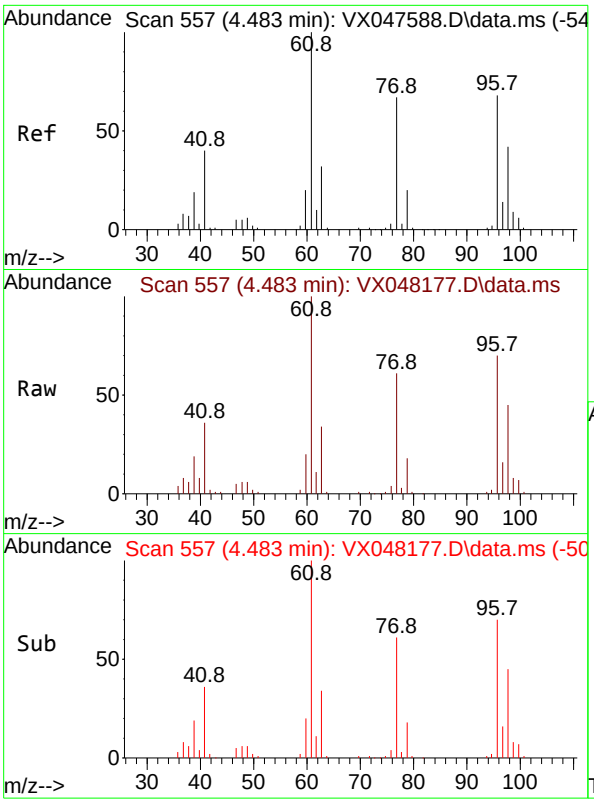


#26
2,2-Dichloropropane
Concen: 39.741 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 77 Resp: 94427

Ion	Ratio	Lower	Upper
77	100		
97	22.8	10.9	32.7

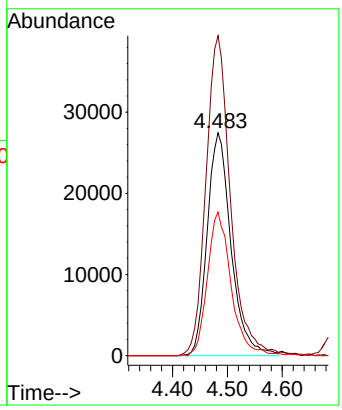




#27
cis-1,2-Dichloroethene
Concen: 46.792 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 96 Resp: 8296

Ion	Ratio	Lower	Upper
96	100		
61	147.9	0.0	303.2
98	63.9	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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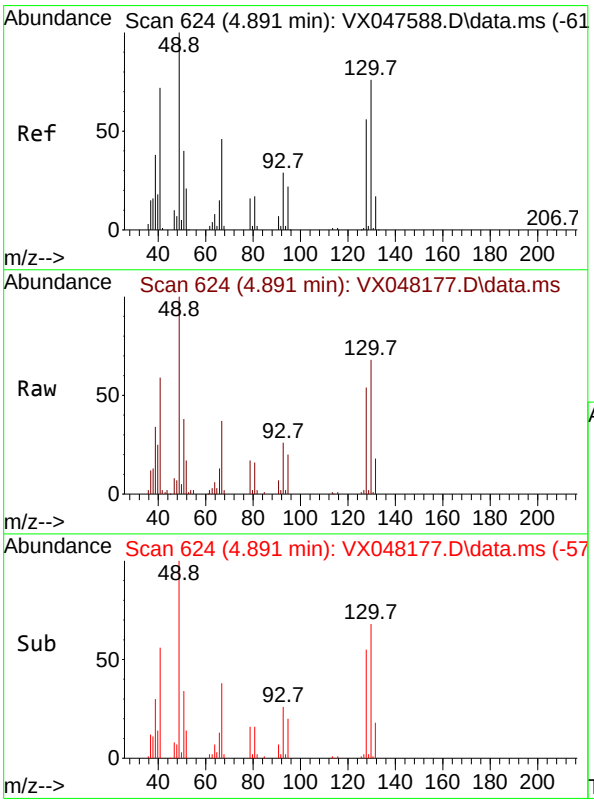
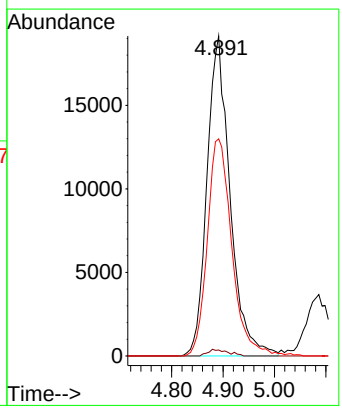
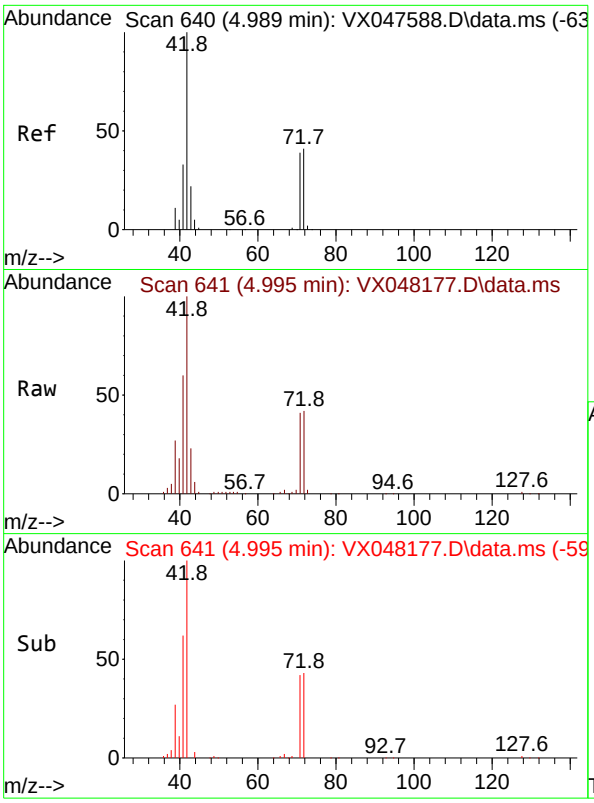


#28
Bromochloromethane
Concen: 47.794 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 49 Resp: 59641

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	72.1	57.8	86.8

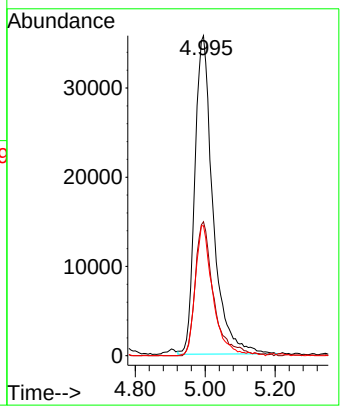




#29
Tetrahydrofuran
Concen: 218.287 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 42 Resp: 12831

Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.2	51.2
71	39.5	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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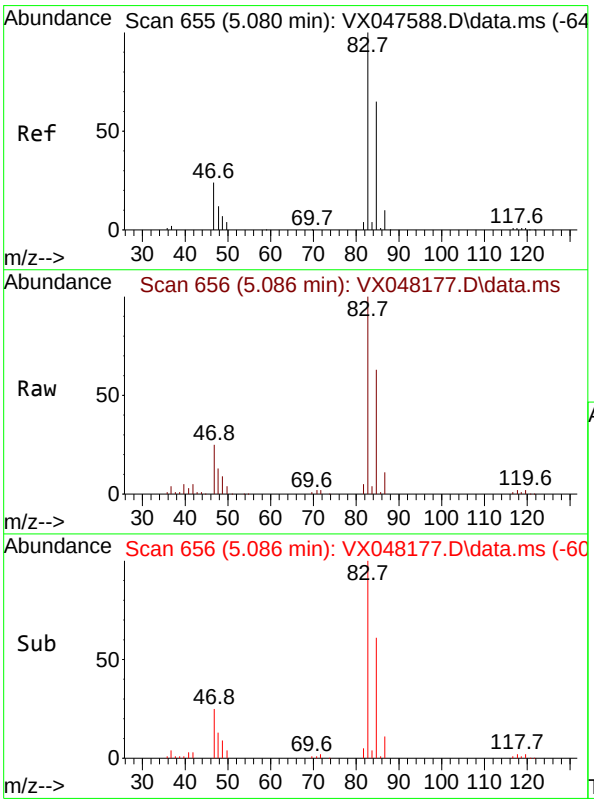
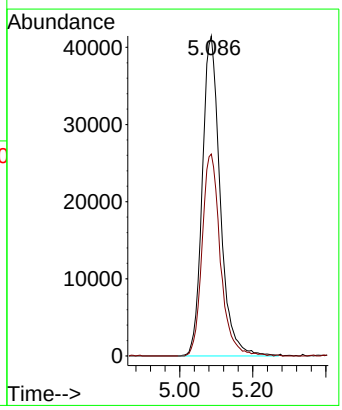
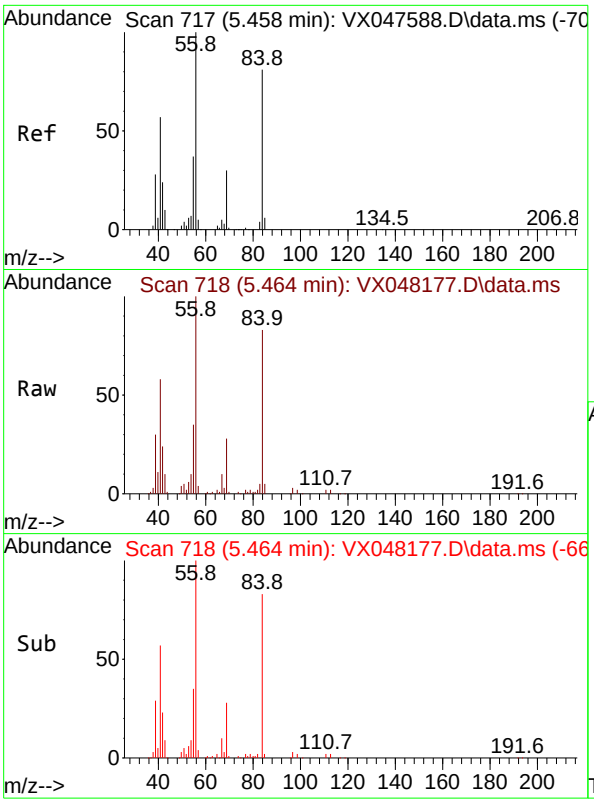


#30
Chloroform
Concen: 48.739 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 83 Resp: 140781

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.6

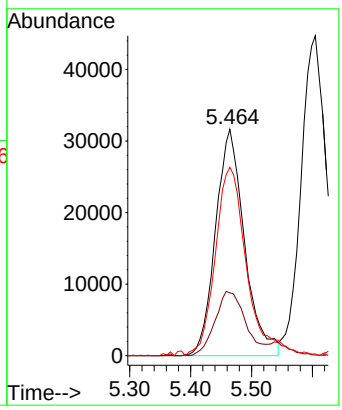




#31
Cyclohexane
Concen: 43.833 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 56 Resp: 10435

Ion	Ratio	Lower	Upper
56	100		
69	27.4	23.8	35.8
84	81.2	64.6	97.0



Instrument :
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ClientSampleId :
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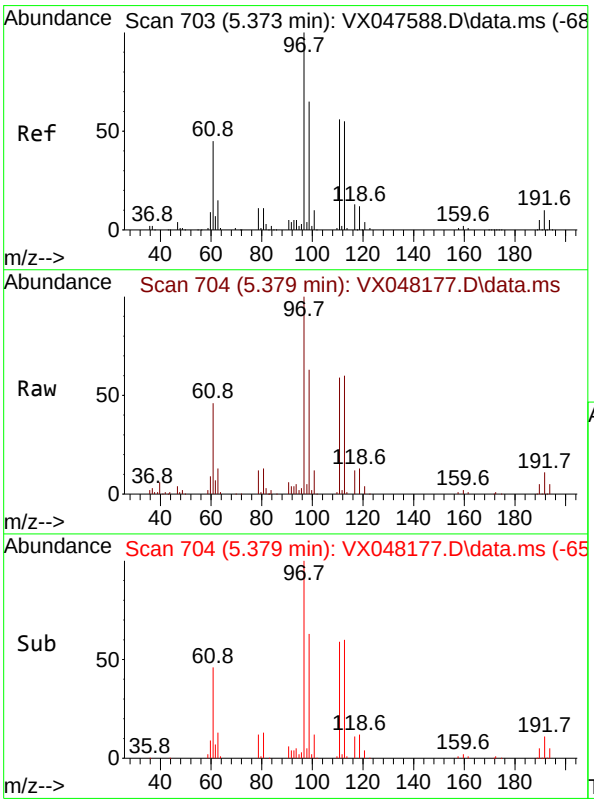
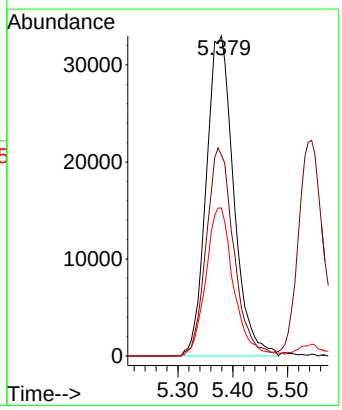
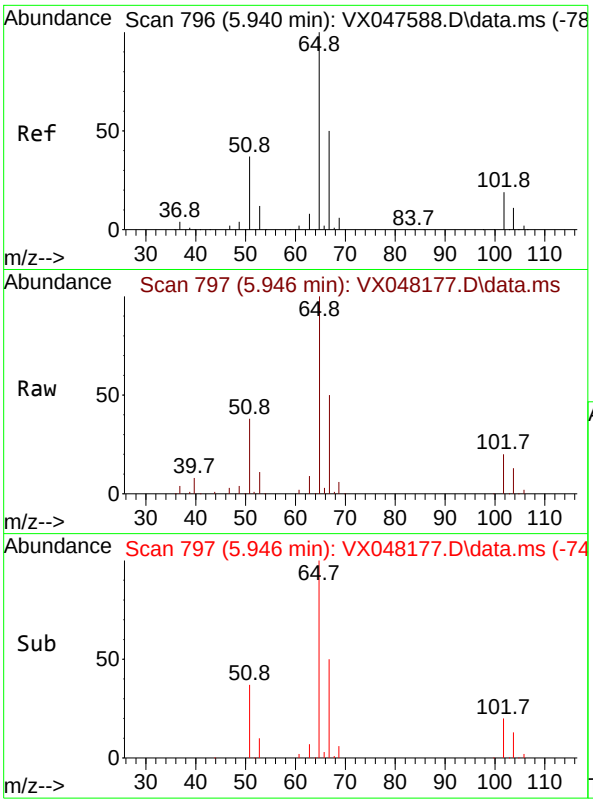


#32
1,1,1-Trichloroethane
Concen: 46.880 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 97 Resp: 114857

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.6	76.0
61	46.6	35.8	53.8

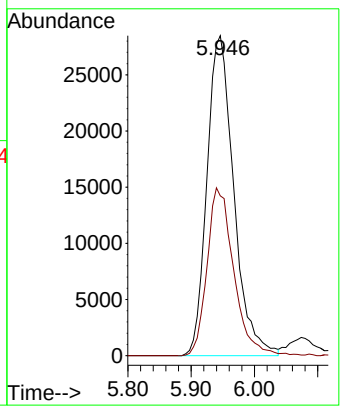




#33
1,2-Dichloroethane-d4
Concen: 46.572 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 65 Resp: 8390

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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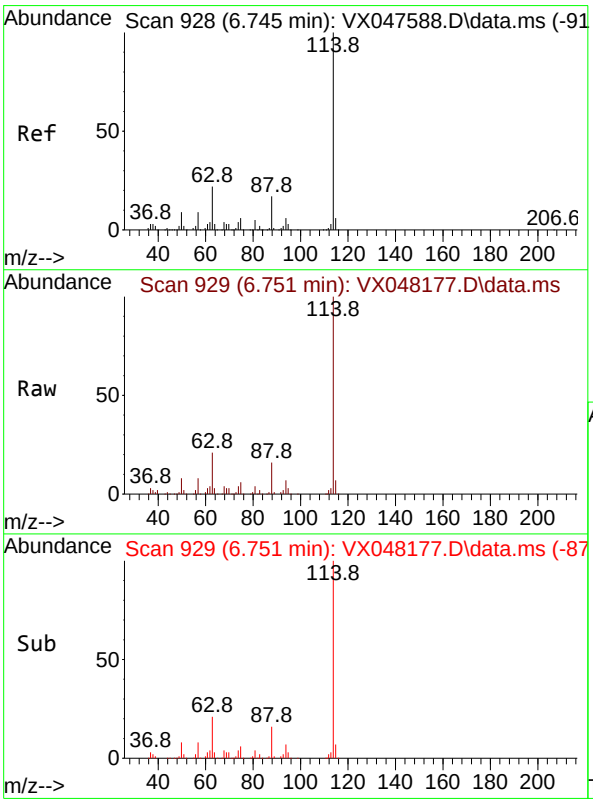
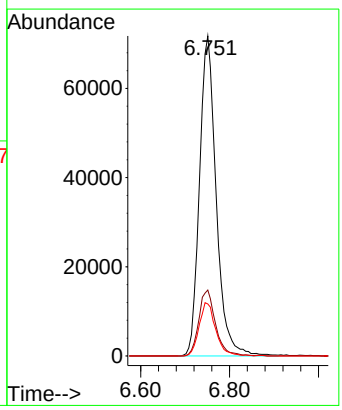
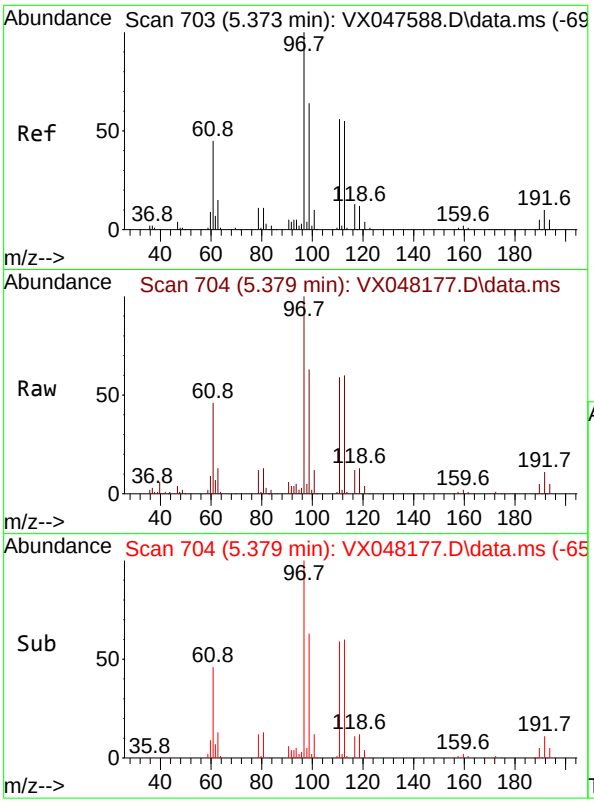


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:114 Resp: 188359

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	44.0
88	16.2	0.0	34.2

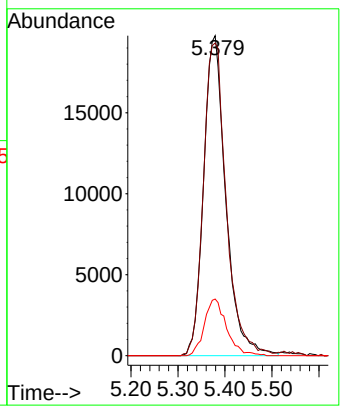




#35
Dibromofluoromethane
Concen: 51.172 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:113 Resp: 6464

Ion	Ratio	Lower	Upper
113	100		
111	100.9	80.9	121.3
192	17.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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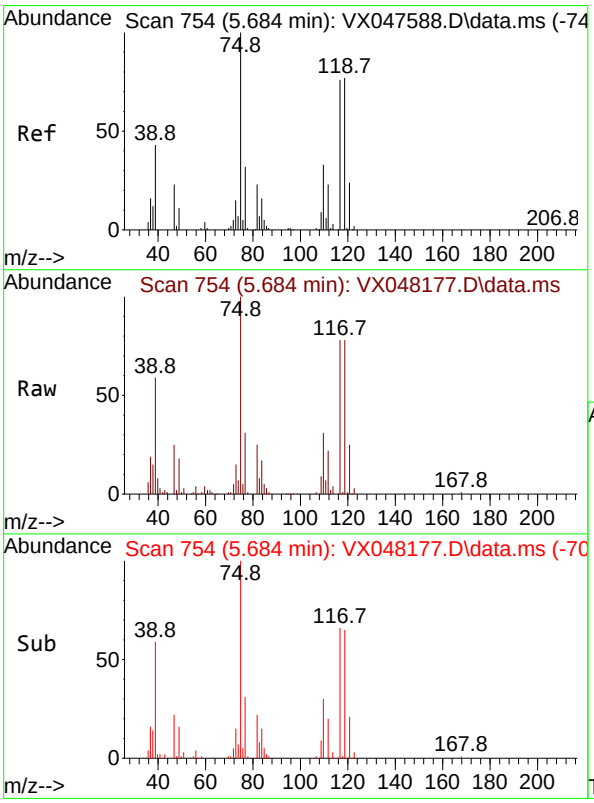
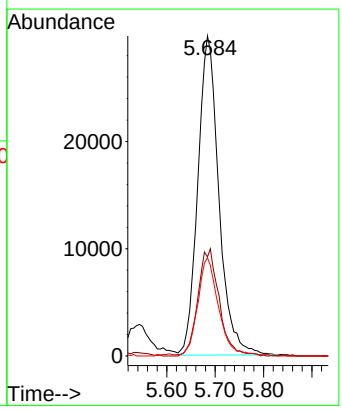
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

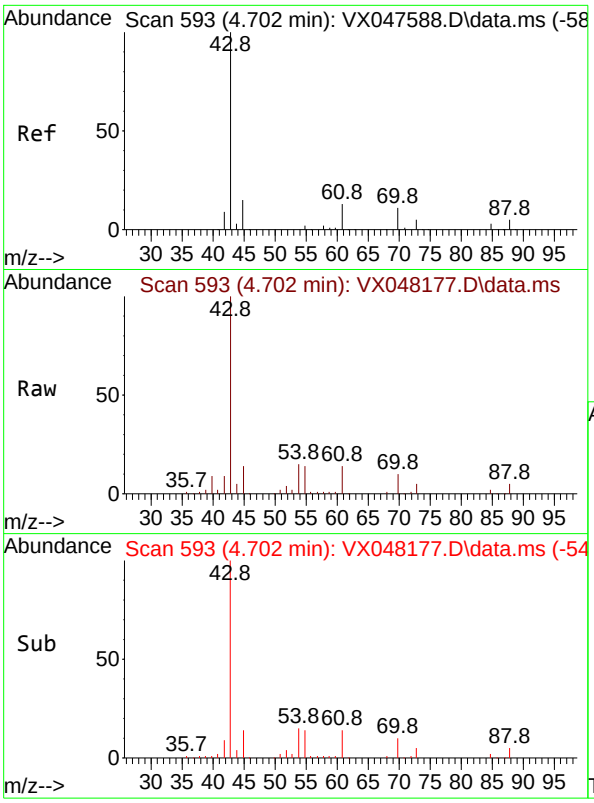


#36
1,1-Dichloropropene
Concen: 48.743 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 75 Resp: 89974

Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.7	50.1
77	29.7	24.3	36.5





#37
Ethyl Acetate
Concen: 44.548 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 43 Resp: 8804

Ion	Ratio	Lower	Upper
43	100		
61	11.4	9.8	14.8
70	9.4	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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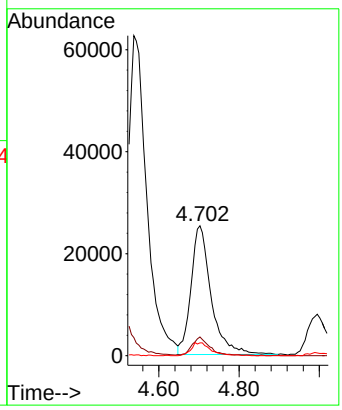
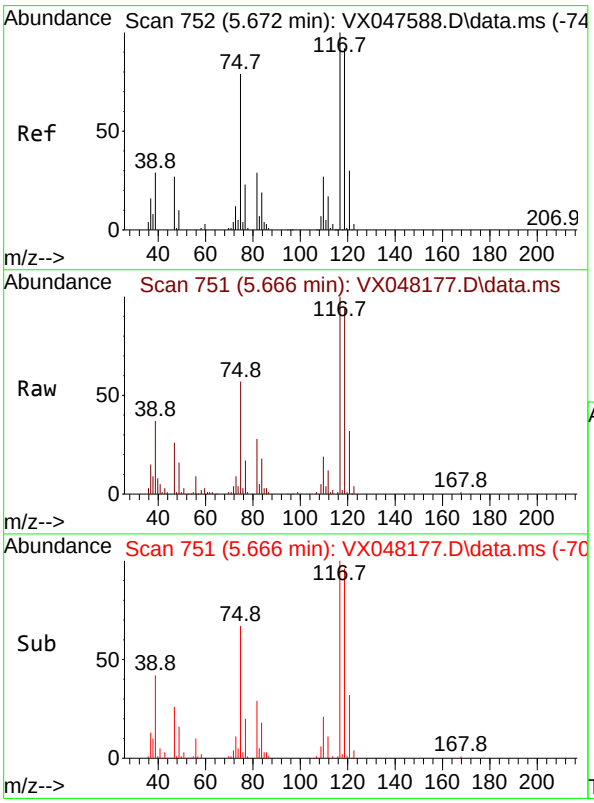
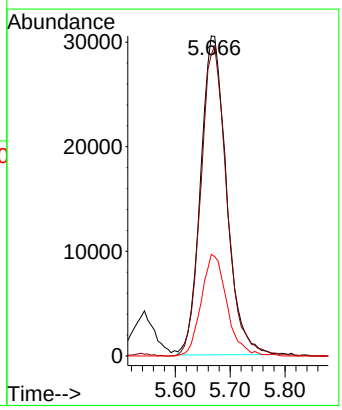


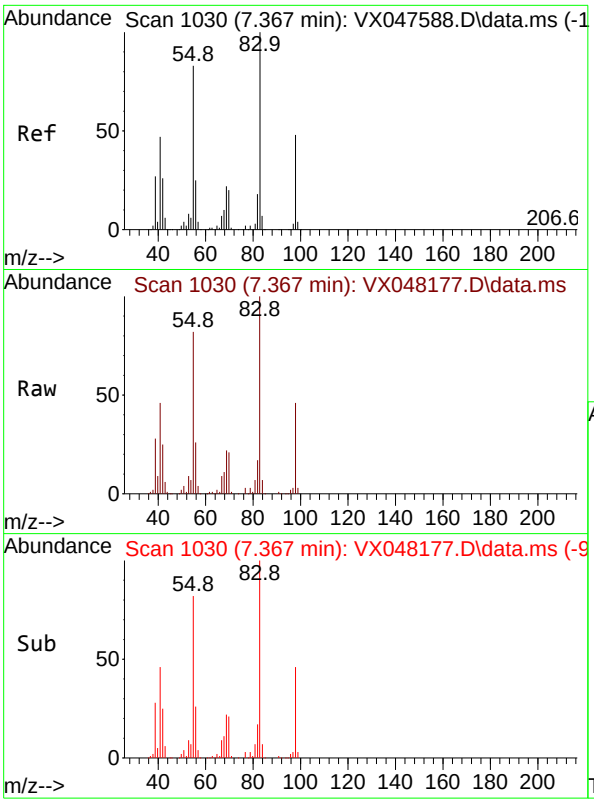


#38
Carbon Tetrachloride
Concen: 49.762 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:117 Resp: 99803

Ion	Ratio	Lower	Upper
117	100		
119	94.3	73.4	110.2
121	31.7	23.8	35.6

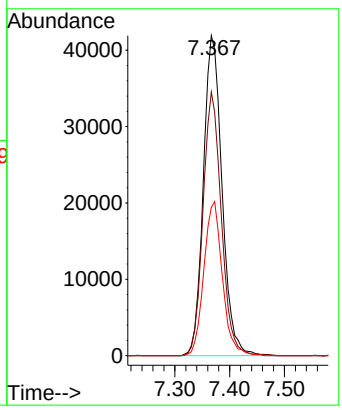




#39
Methylcyclohexane
Concen: 47.293 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 83 Resp: 9909

Ion	Ratio	Lower	Upper
83	100		
55	82.4	66.4	99.6
98	46.4	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
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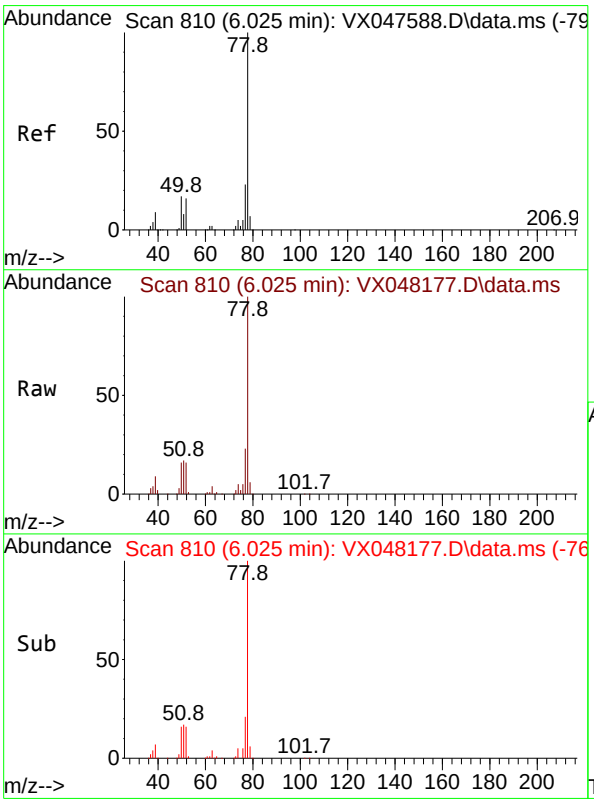
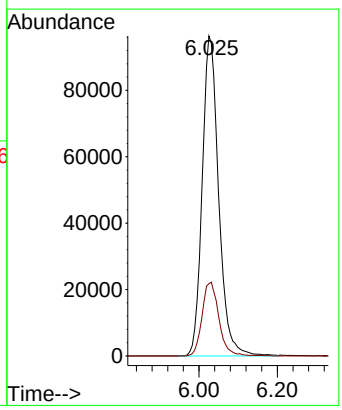
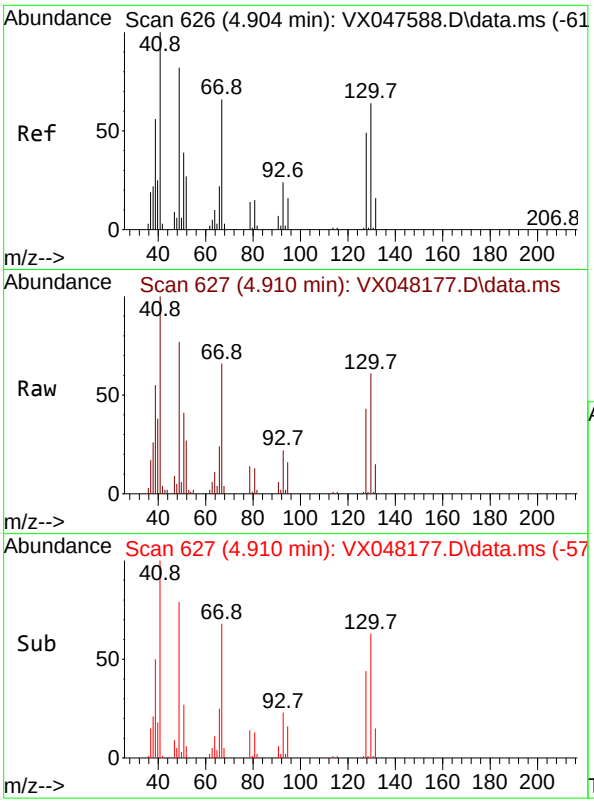


#40
Benzene
Concen: 50.095 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 78 Resp: 280855

Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2

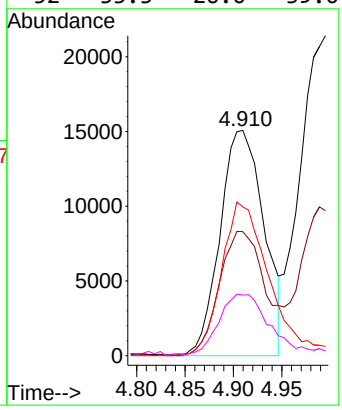




#41
Methacrylonitrile
Concen: 46.619 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 41 Resp: 4756

Ion	Ratio	Lower	Upper
41	100		
39	59.0	43.3	64.9
67	76.2	58.6	87.8
52	33.3	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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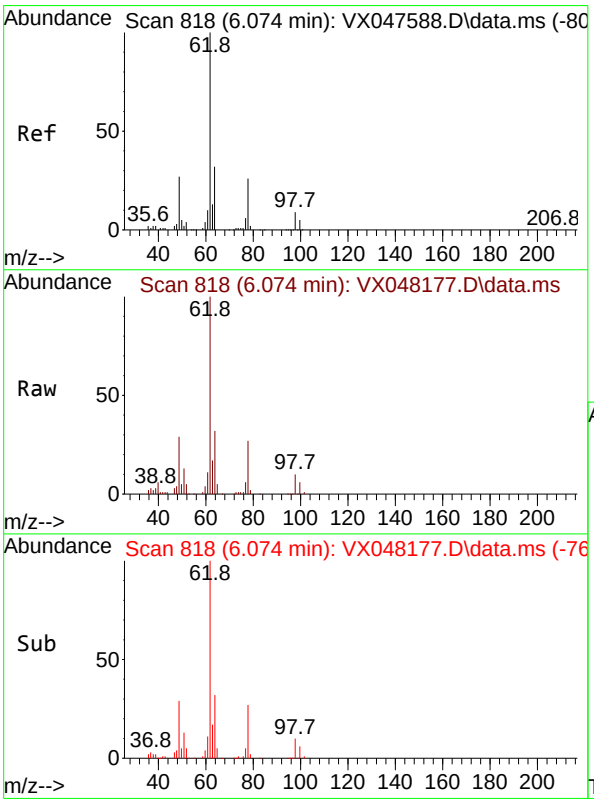
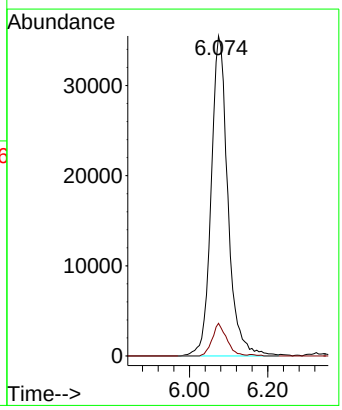
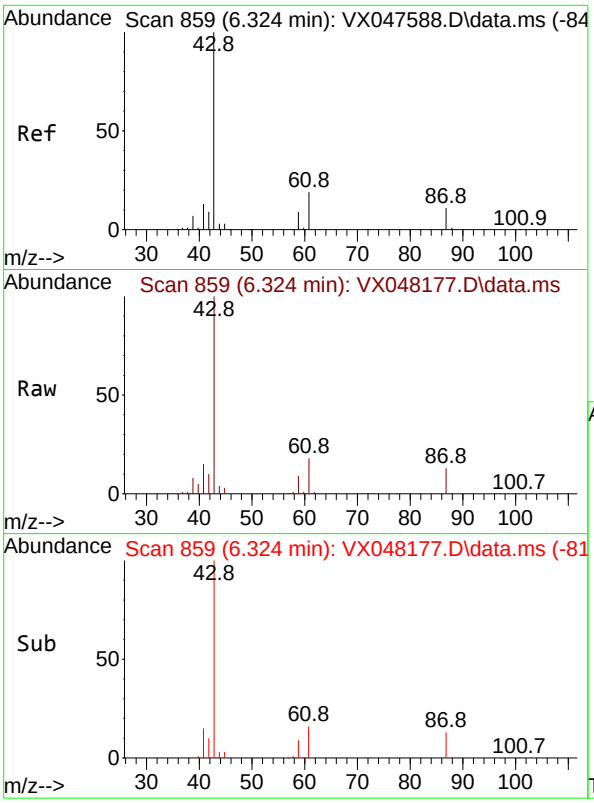


#42
1,2-Dichloroethane
Concen: 49.267 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 62 Resp: 105095

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.0

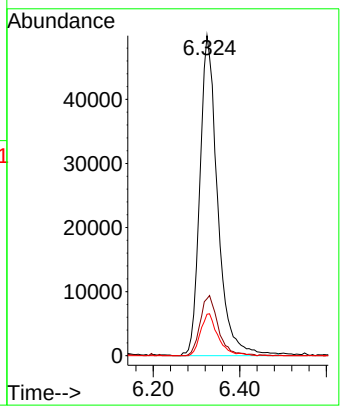




#43
Isopropyl Acetate
Concen: 43.925 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 43 Resp: 14238

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.9	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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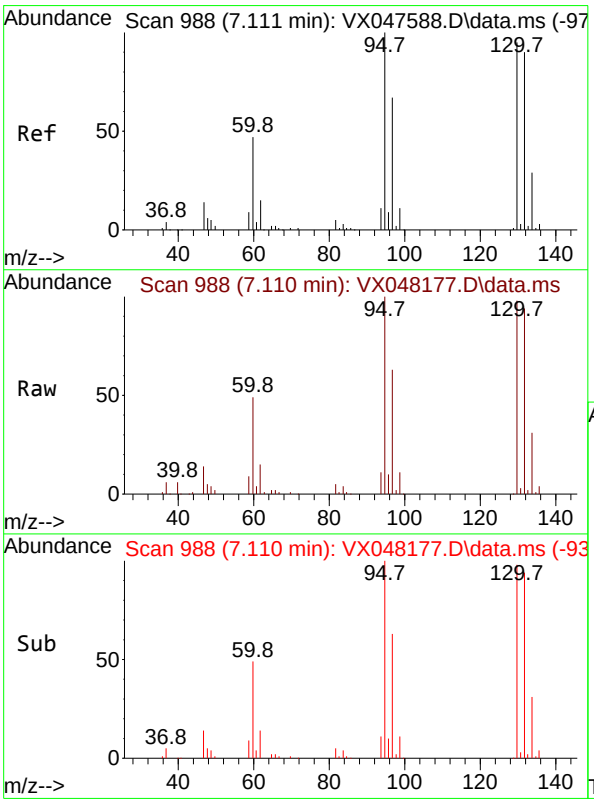
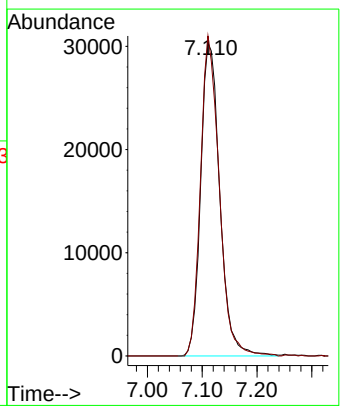
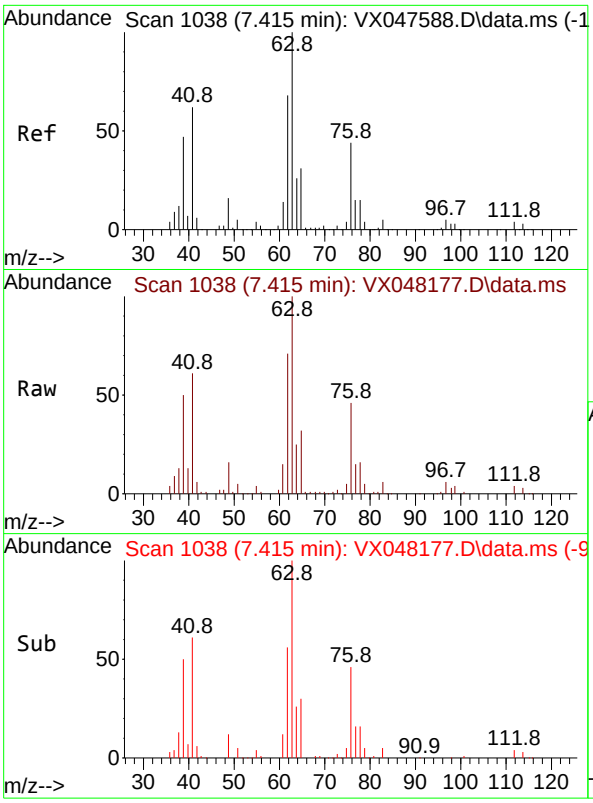


#44
Trichloroethene
Concen: 54.150 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:130 Resp: 73396

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	210.8

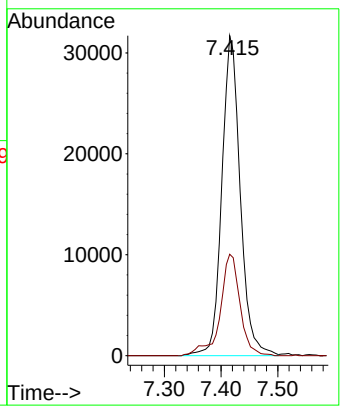




#45
1,2-Dichloropropane
Concen: 49.729 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 63 Resp: 7139

Ion	Ratio	Lower	Upper
63	100		
65	31.7	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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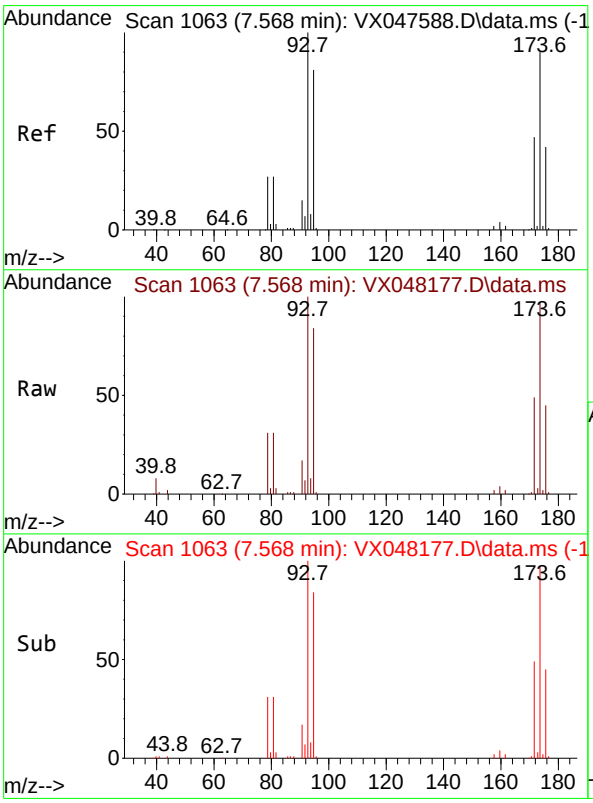
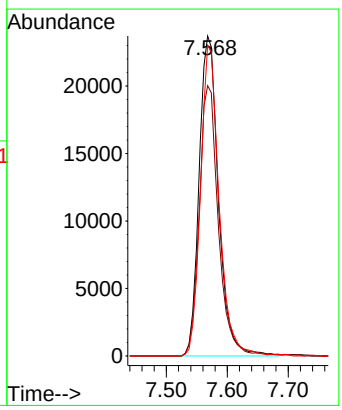
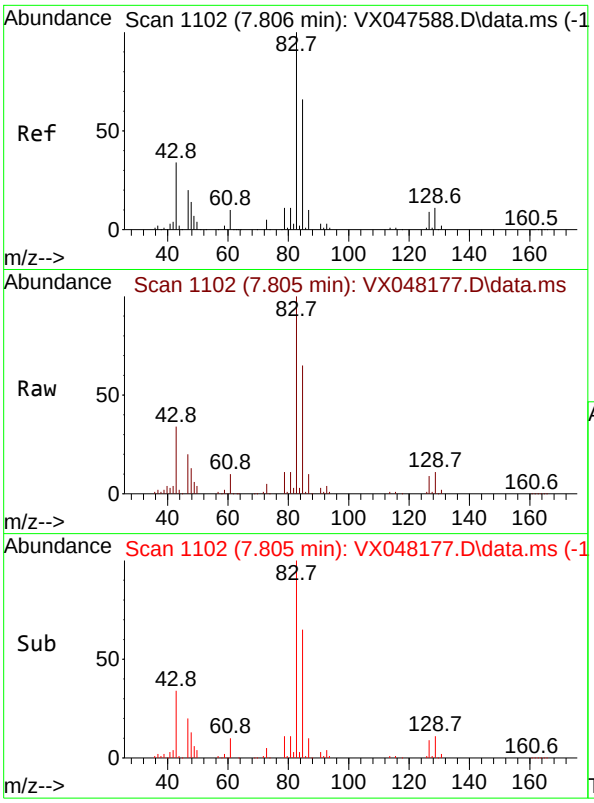


#46
Dibromomethane
Concen: 49.913 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 93 Resp: 52143

Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.0	97.6
174	93.4	71.6	107.4

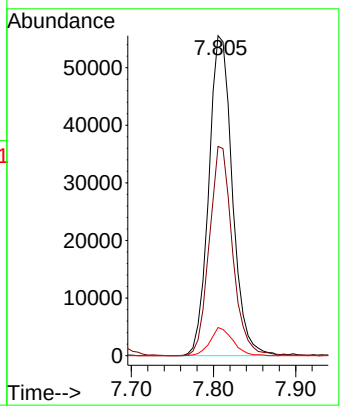




#47
Bromodichloromethane
Concen: 51.281 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 83 Resp: 11054

Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.5	78.7
127	8.8	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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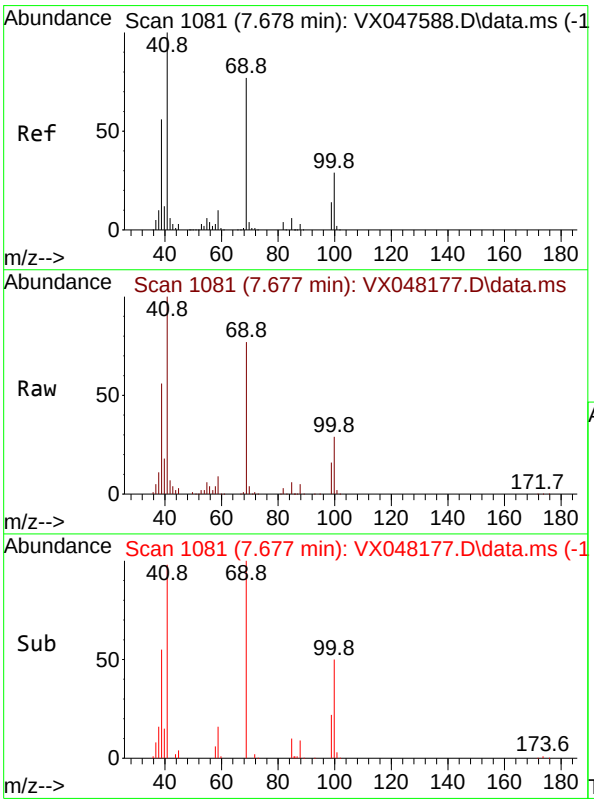
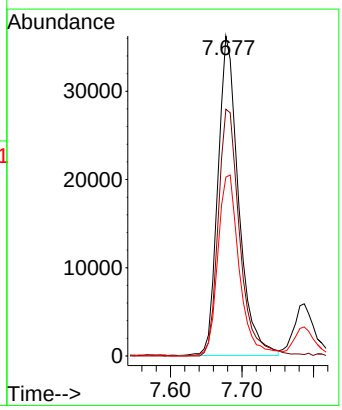
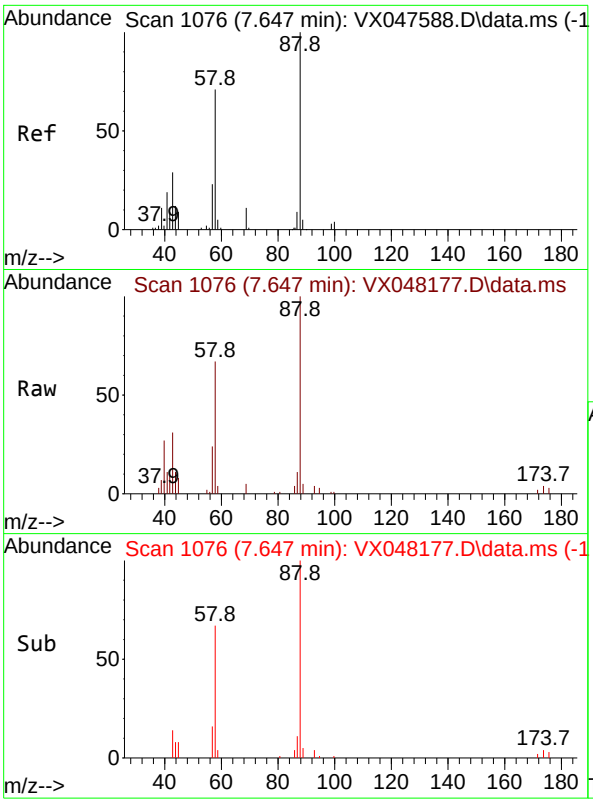


#48
Methyl methacrylate
Concen: 45.051 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 41 Resp: 72740

Ion	Ratio	Lower	Upper
41	100		
69	80.4	61.4	92.2
39	59.4	45.8	68.6

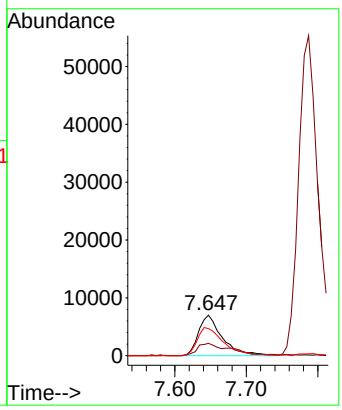




#49
1,4-Dioxane
Concen: 991.034 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 88 Resp: 1617

Ion	Ratio	Lower	Upper
88	100		
43	42.4	30.2	45.2
58	76.8	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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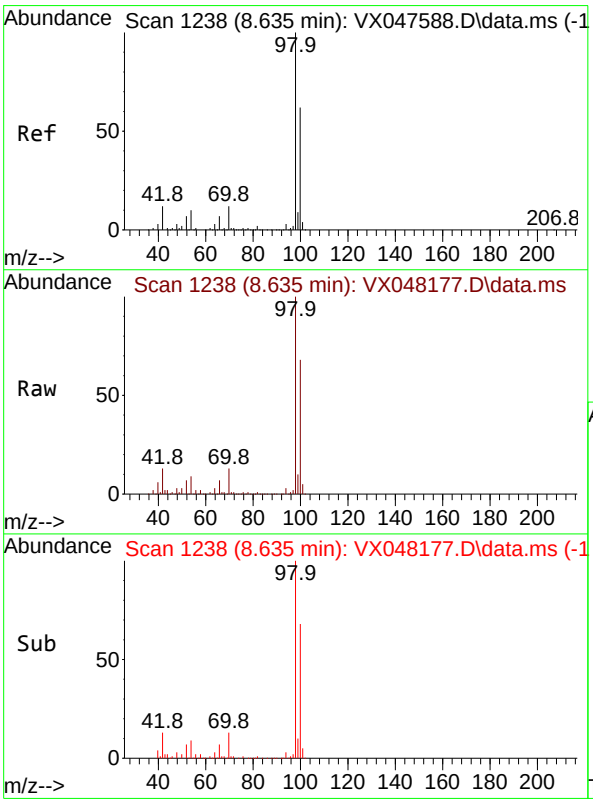
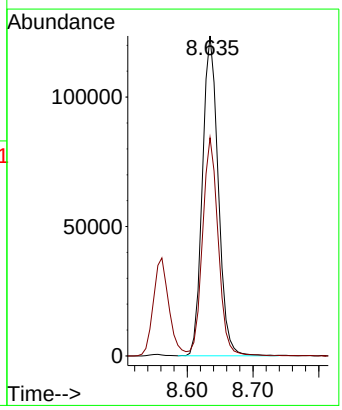
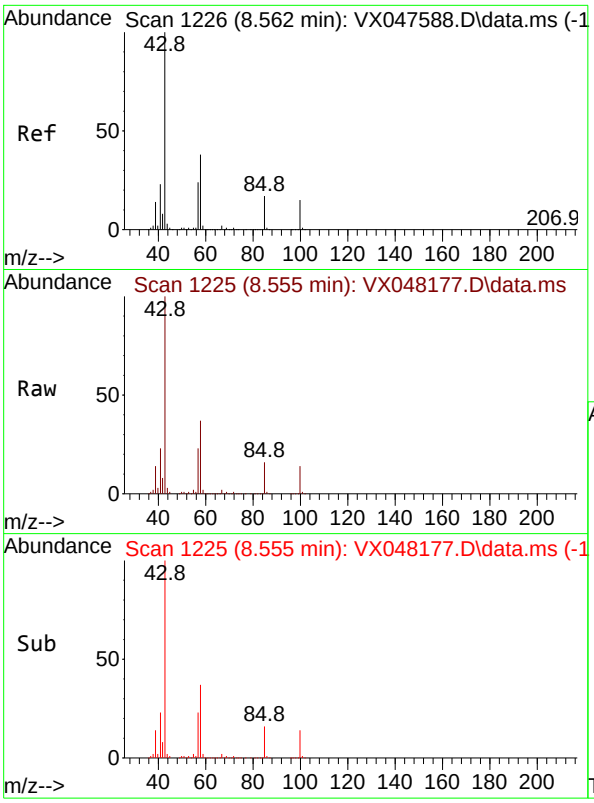


#50
Toluene-d8
Concen: 47.316 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 98 Resp: 206823

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4

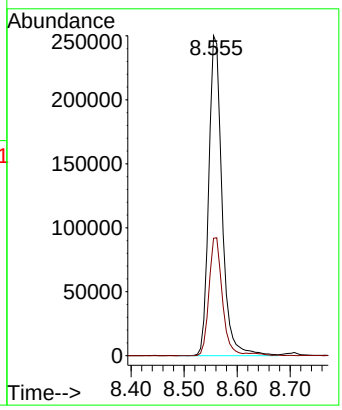




#51
4-Methyl-2-Pentanone
Concen: 242.367 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 43 Resp: 43558

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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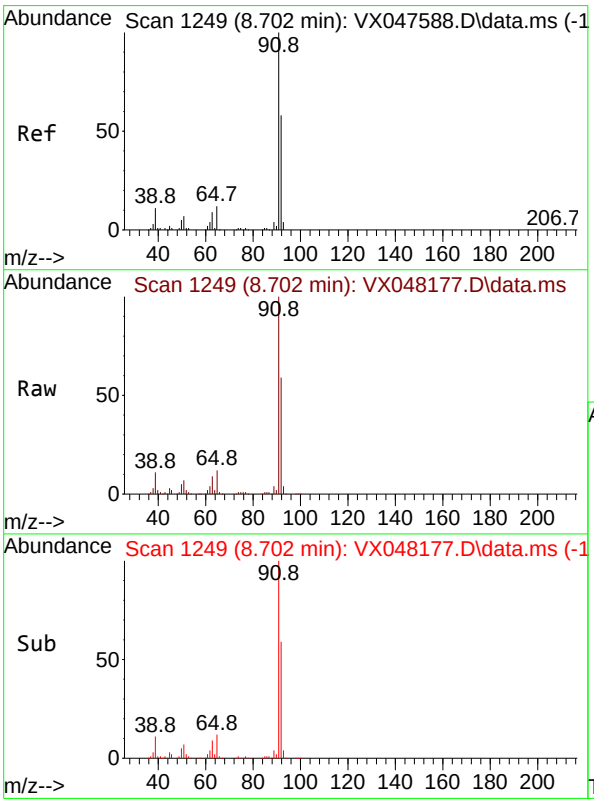
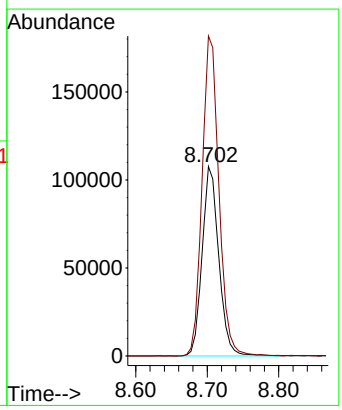
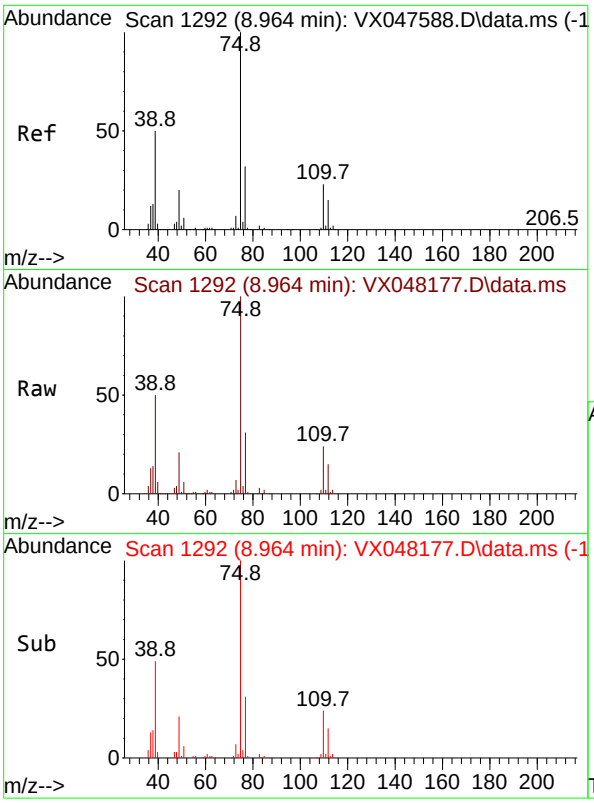


#52
Toluene
Concen: 50.237 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 92 Resp: 173526

Ion	Ratio	Lower	Upper
92	100		
91	171.2	137.1	205.7

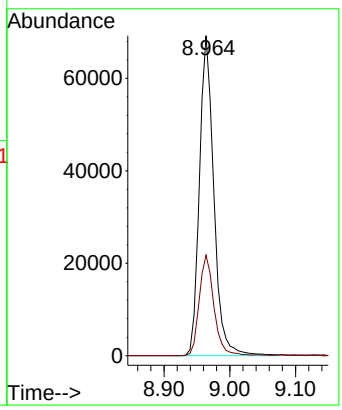




#53
t-1,3-Dichloropropene
Concen: 47.981 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 75 Resp: 10550

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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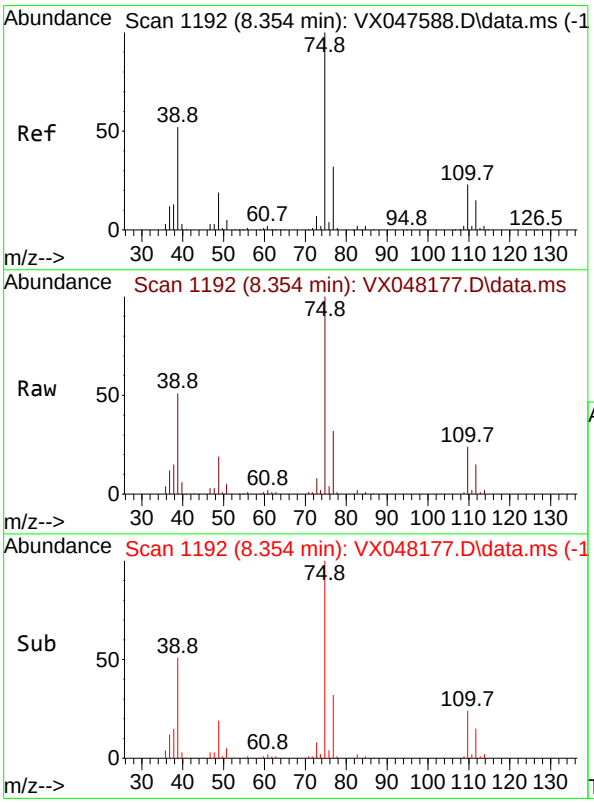
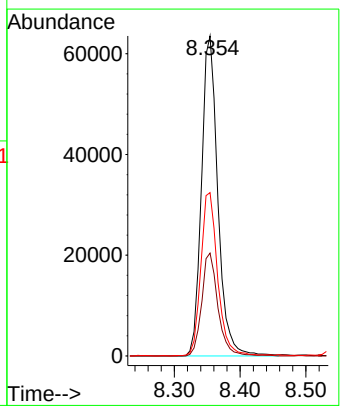
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

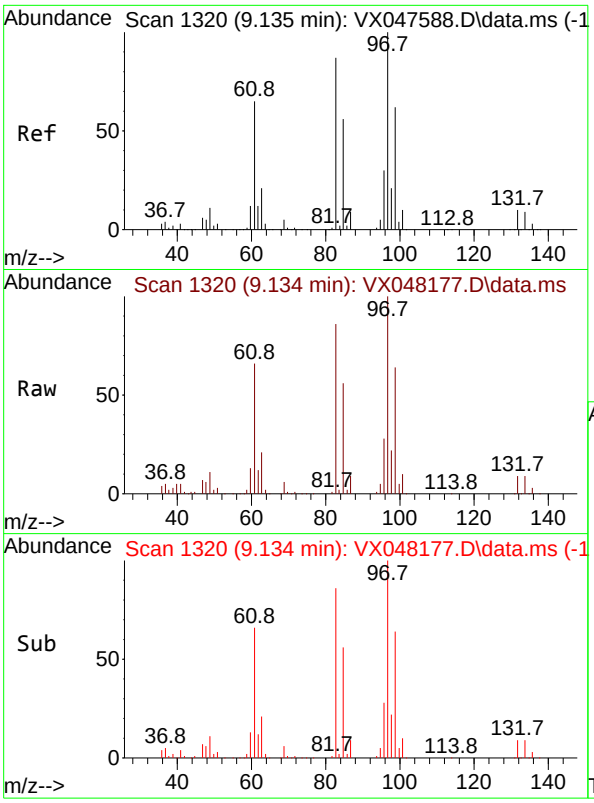


#54
cis-1,3-Dichloropropene
Concen: 46.835 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 75 Resp: 110077

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
39	50.9	41.4	62.2

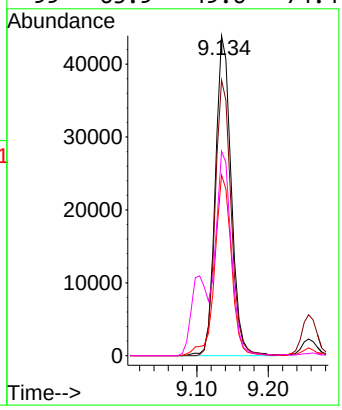




#55
1,1,2-Trichloroethane
Concen: 50.862 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 97 Resp: 6774

Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.6	104.4
85	56.5	45.0	67.6
99	63.9	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
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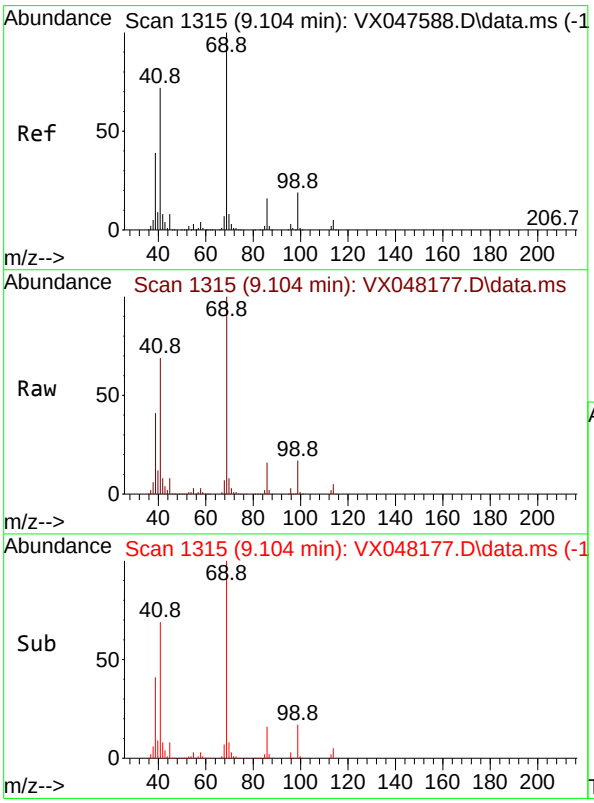
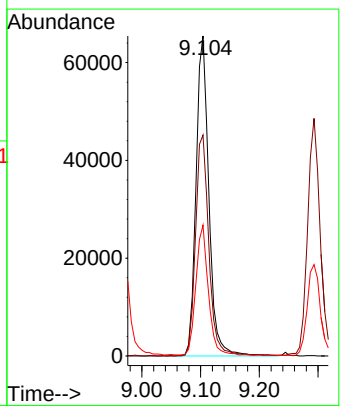
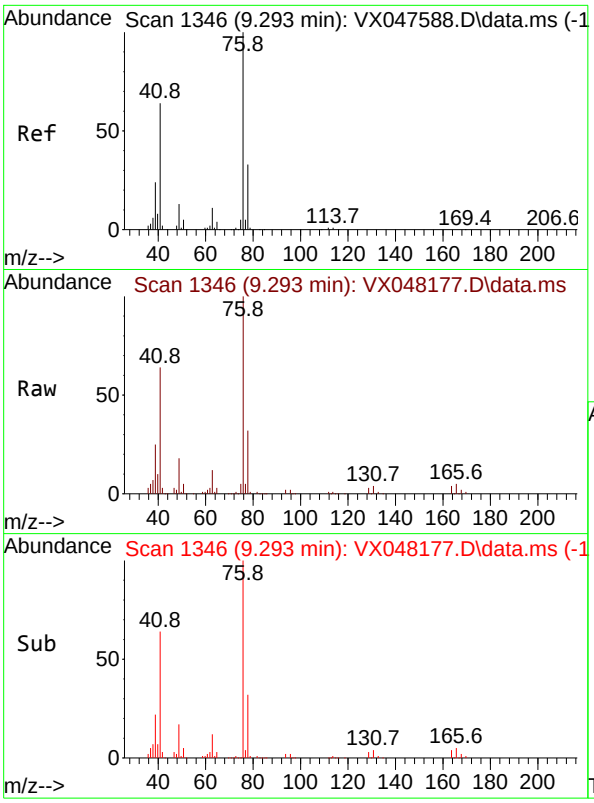


#56
Ethyl methacrylate
Concen: 47.594 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 69 Resp: 99551

Ion	Ratio	Lower	Upper
69	100		
41	71.6	58.6	87.8
39	39.5	31.5	47.3





#57
1,3-Dichloropropane
Concen: 50.458 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 76 Resp: 11544

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4

Instrument :
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ClientSampleId :
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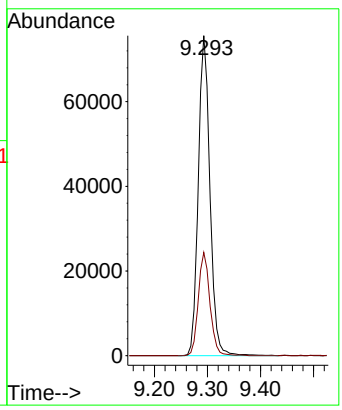
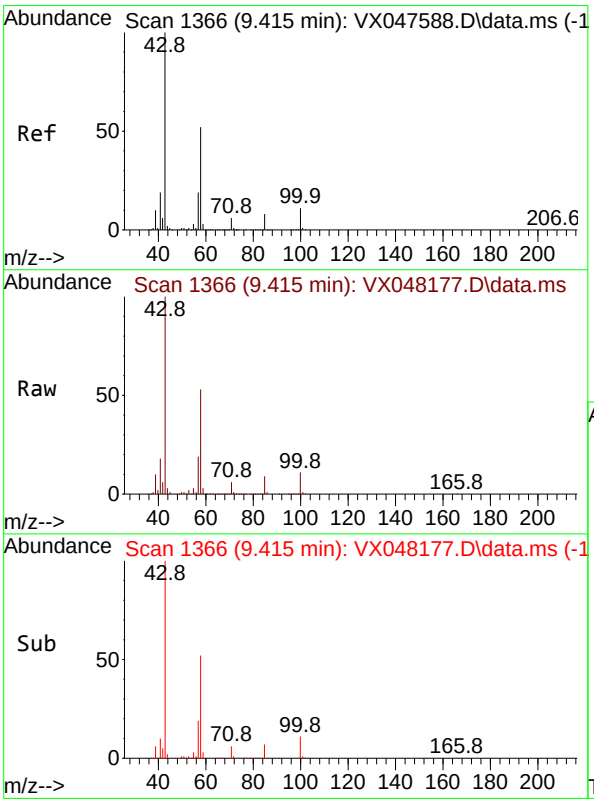
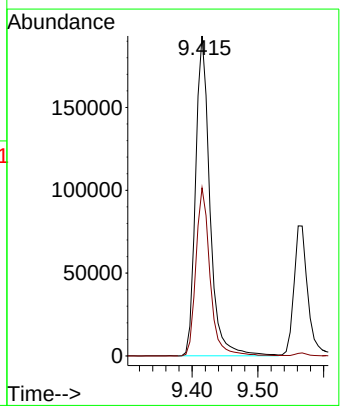


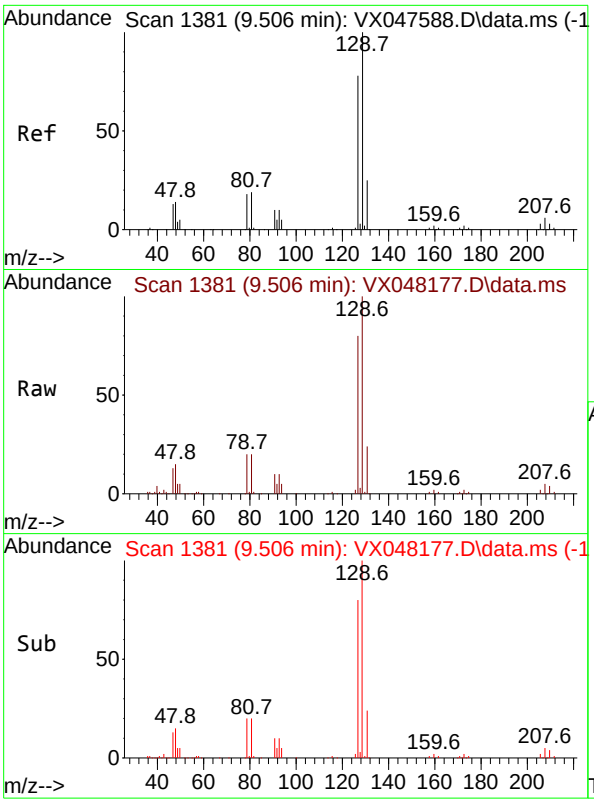


#59
2-Hexanone
Concen: 224.955 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 43 Resp: 290363

Ion	Ratio	Lower	Upper
43	100		
58	52.2	26.1	78.2

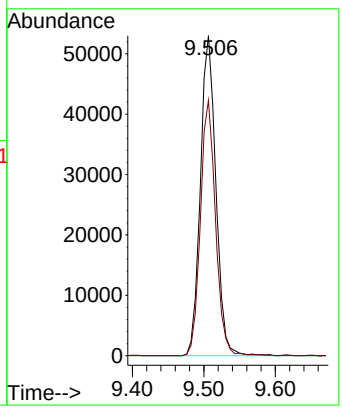




#60
Dibromochloromethane
Concen: 51.864 ug/l
RT: 9.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:129 Resp: 7959

Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.4	115.2



Instrument :
MSVOA_X
ClientSampleId :
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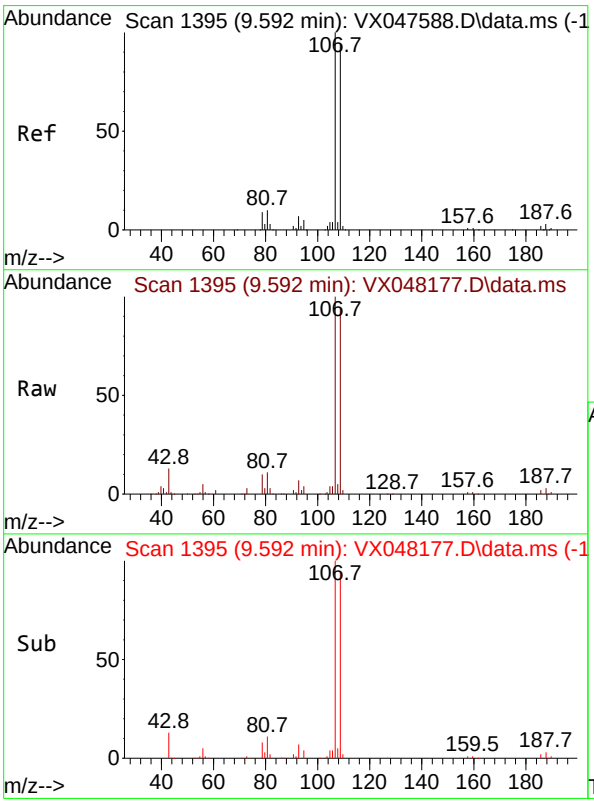
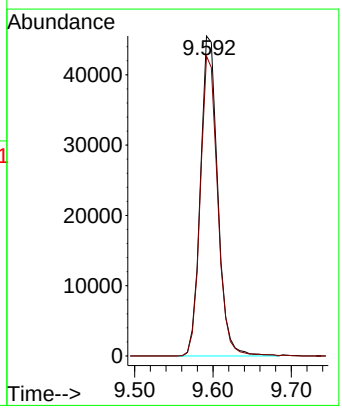
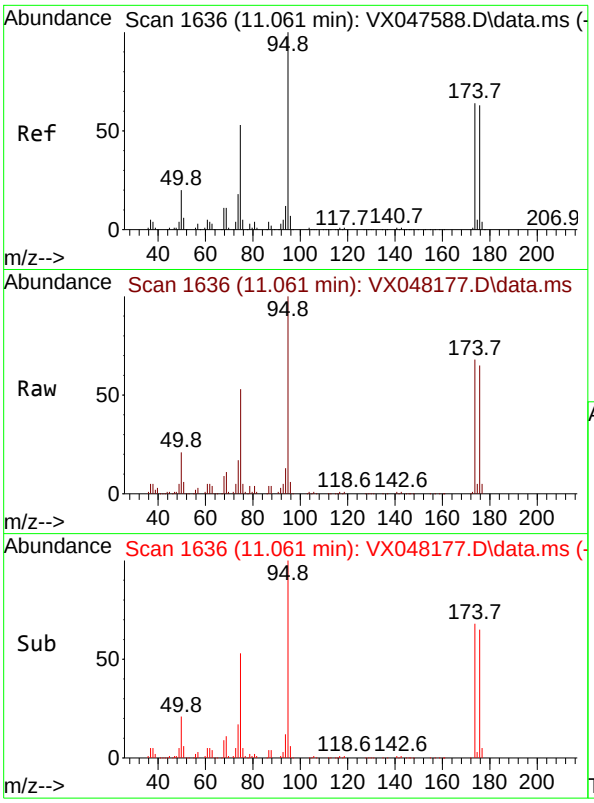


#61
1,2-Dibromoethane
Concen: 51.475 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:107 Resp: 69831

Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.3	112.9

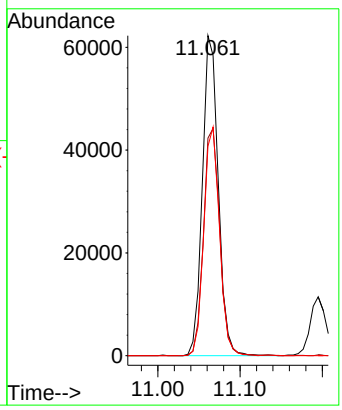




#62
4-Bromofluorobenzene
Concen: 50.287 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 95 Resp: 8342

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	141.6
176	70.7	0.0	138.4



Instrument :
MSVOA_X
ClientSampleId :
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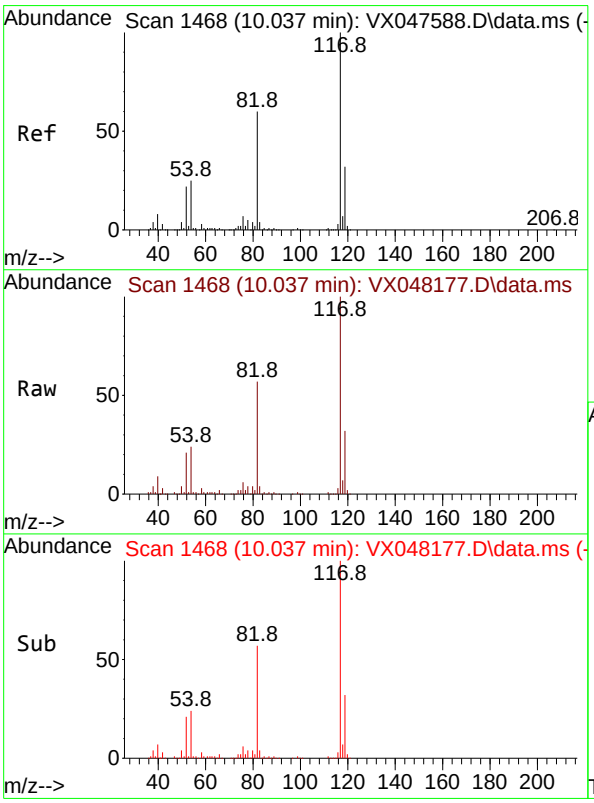
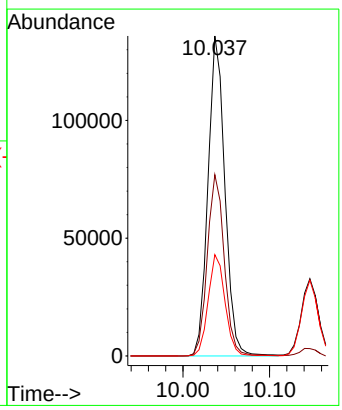
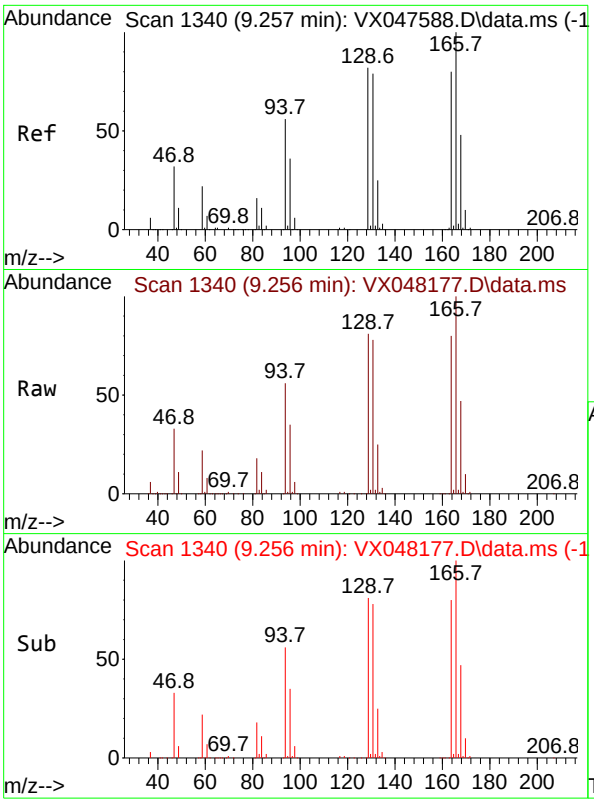


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:117 Resp: 183859

Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.8	71.6
119	31.6	25.2	37.8

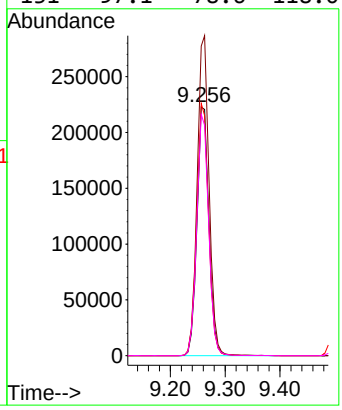




#64
Tetrachloroethene
Concen: 282.160 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:164 Resp: 33818

Ion	Ratio	Lower	Upper
164	100		
166	124.5	100.2	150.2
129	101.5	81.8	122.6
131	97.1	78.6	118.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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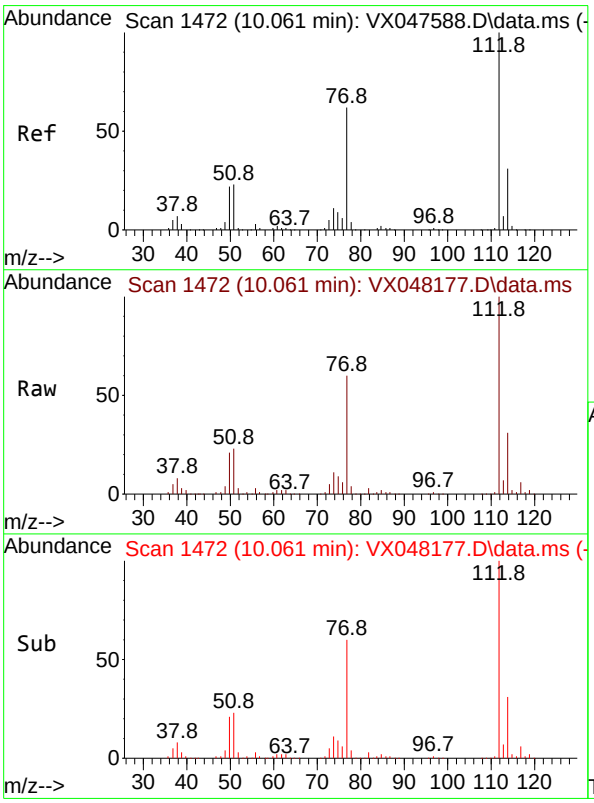
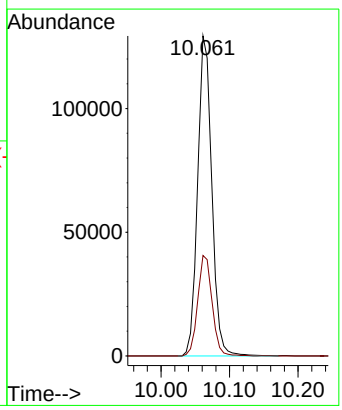
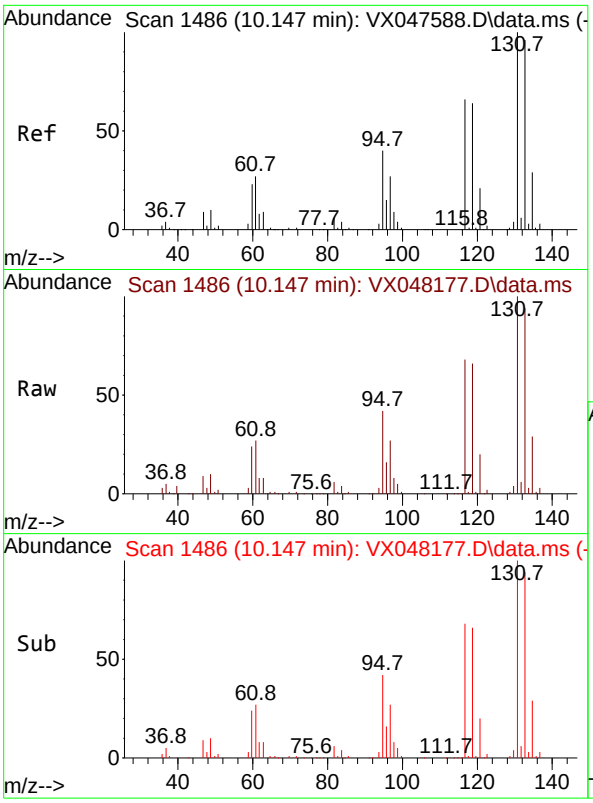


#65
Chlorobenzene
Concen: 44.521 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:112 Resp: 185963

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 46.142 ug/l
RT: 10.147 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:131 Resp: 6650

Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.3	142.0
119	65.3	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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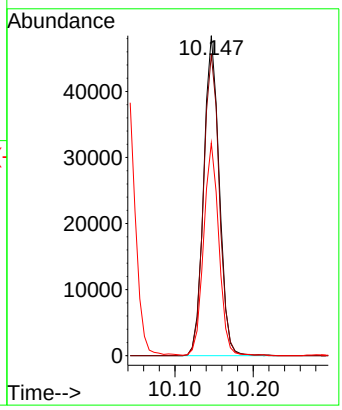
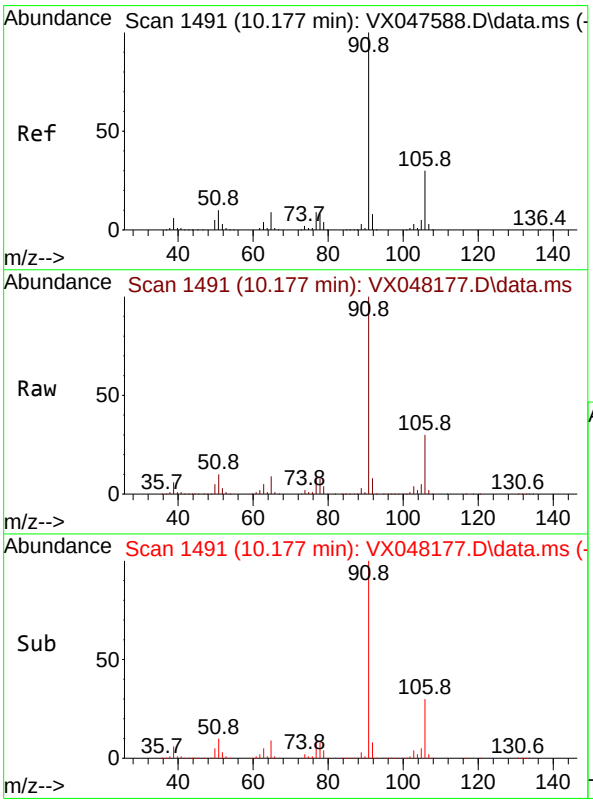
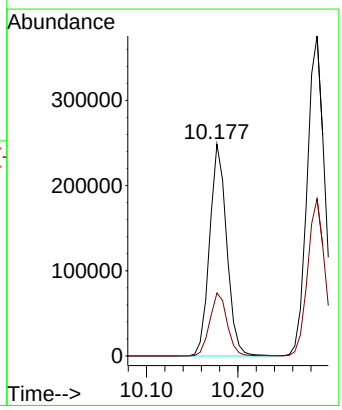


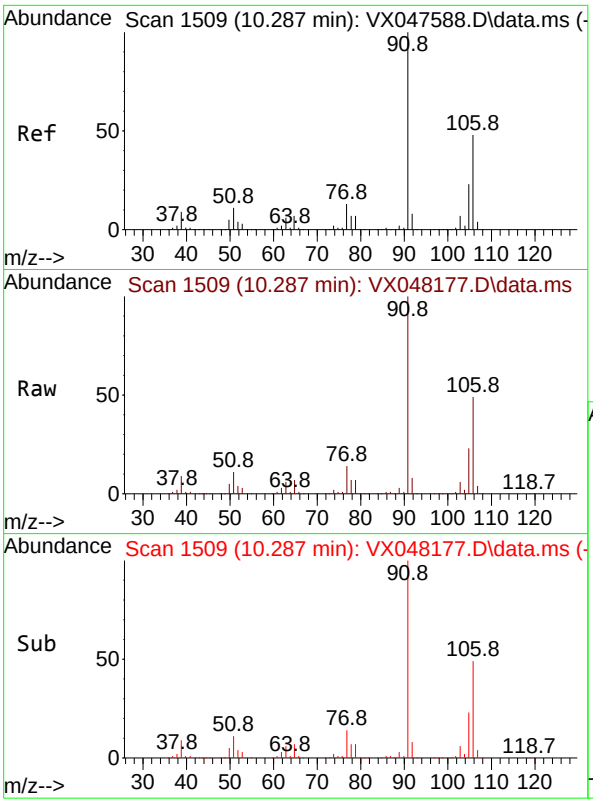


#67
Ethyl Benzene
Concen: 44.676 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 91 Resp: 321978

Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.3	36.5

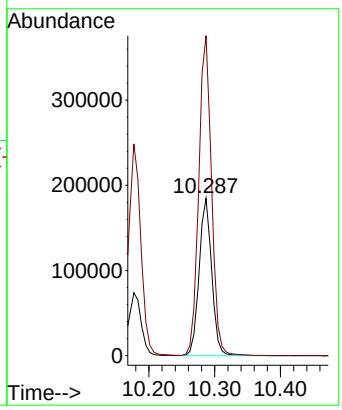




#68
m/p-Xylenes
Concen: 91.140 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:106 Resp: 24448

Ion	Ratio	Lower	Upper
106	100		
91	206.8	167.8	251.8



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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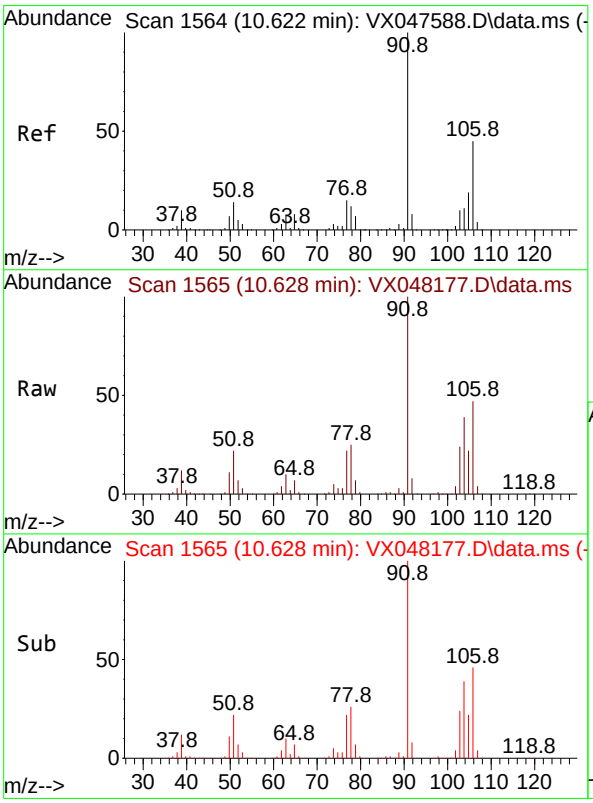
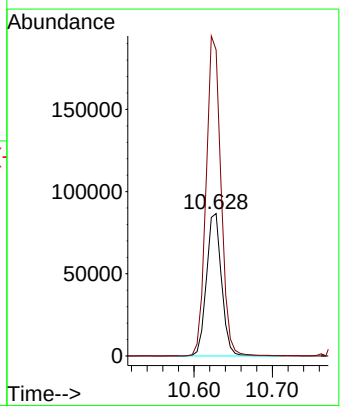
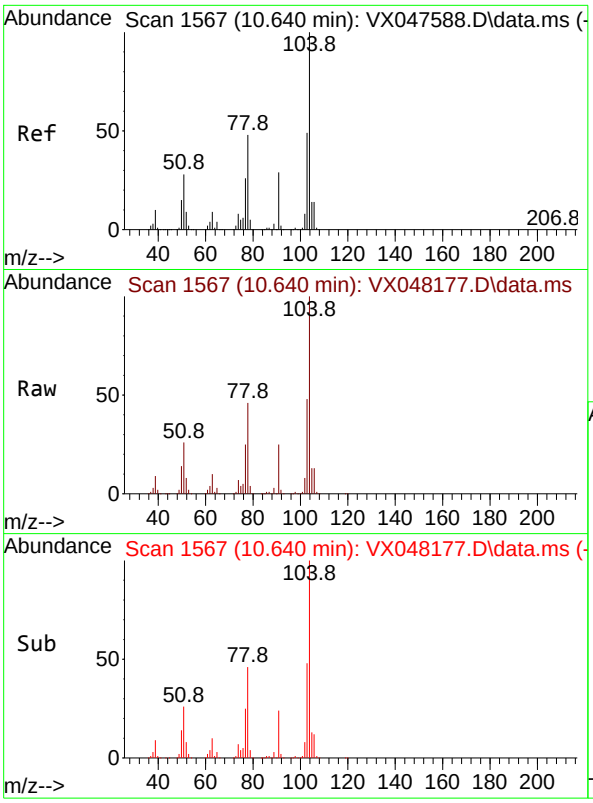


#69
o-Xylene
Concen: 44.501 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:106 Resp: 115463

Ion	Ratio	Lower	Upper
106	100		
91	221.8	111.1	333.4

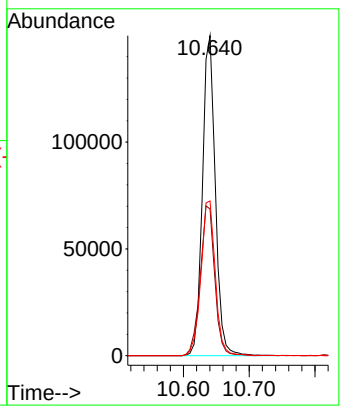




#70
Styrene
Concen: 44.962 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:104 Resp: 20440

Ion	Ratio	Lower	Upper
104	100		
78	52.6	43.1	64.7
103	53.9	43.1	64.7



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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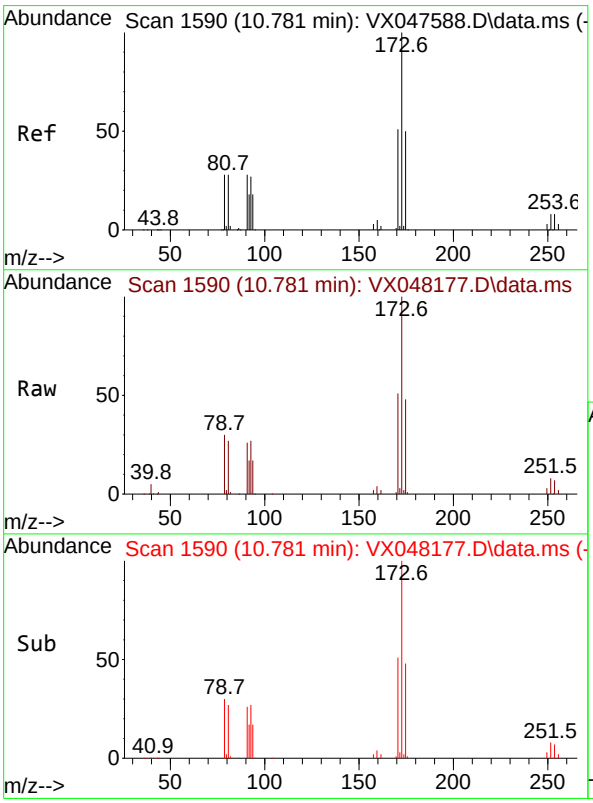
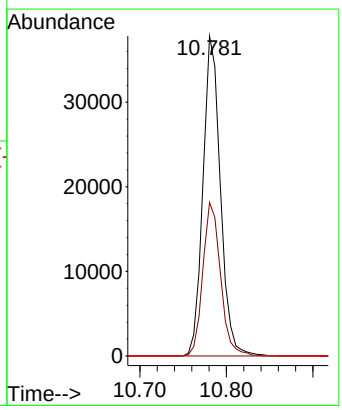
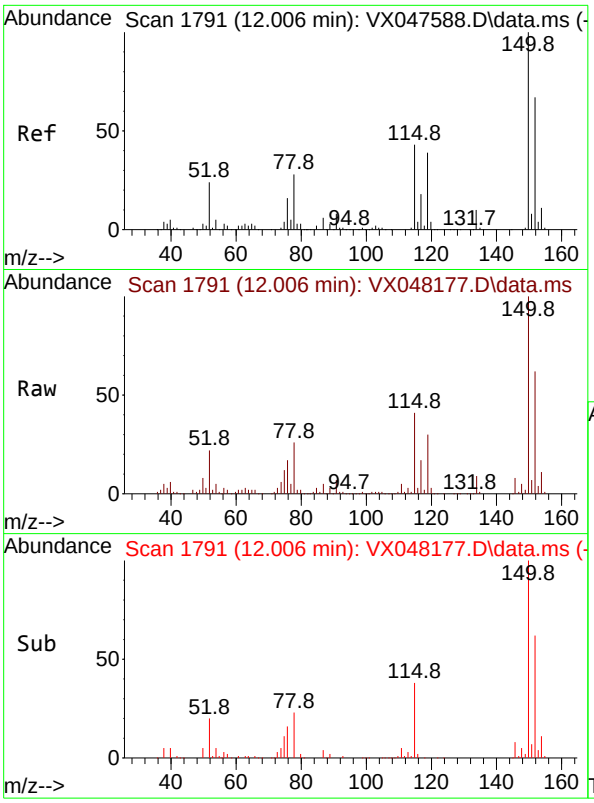


#71
Bromoform
Concen: 49.208 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:173 Resp: 52960

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.0	0.1	0.1#

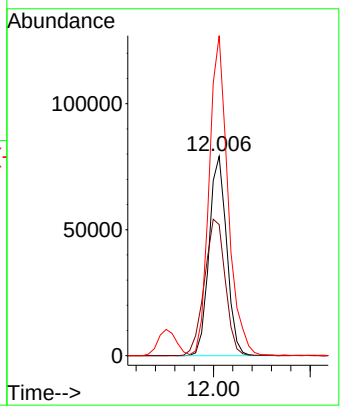




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:152 Resp: 10014

Ion	Ratio	Lower	Upper
152	100		
115	81.3	44.9	134.5
150	171.2	0.0	352.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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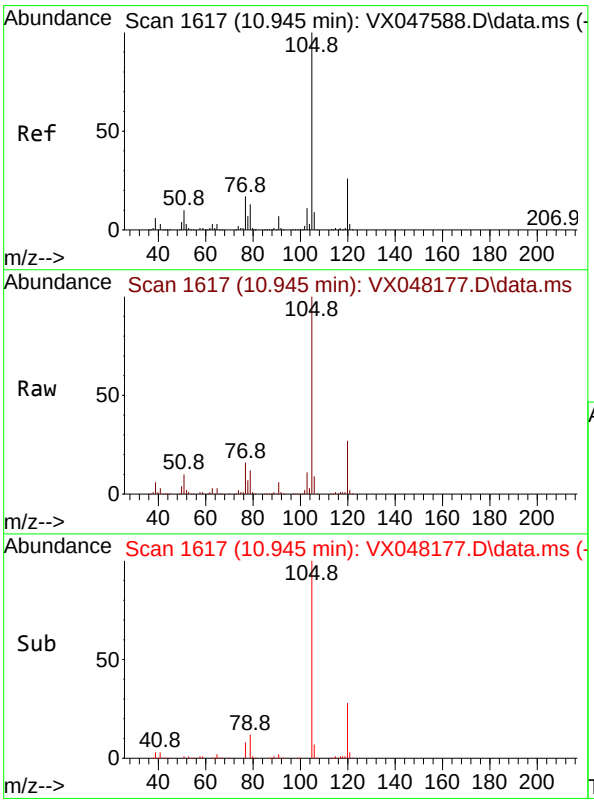
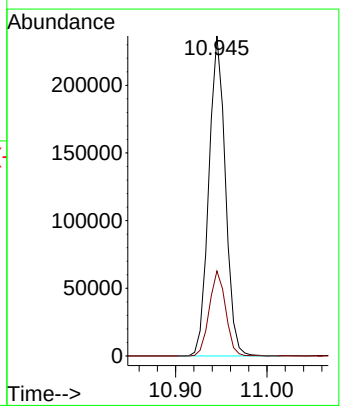
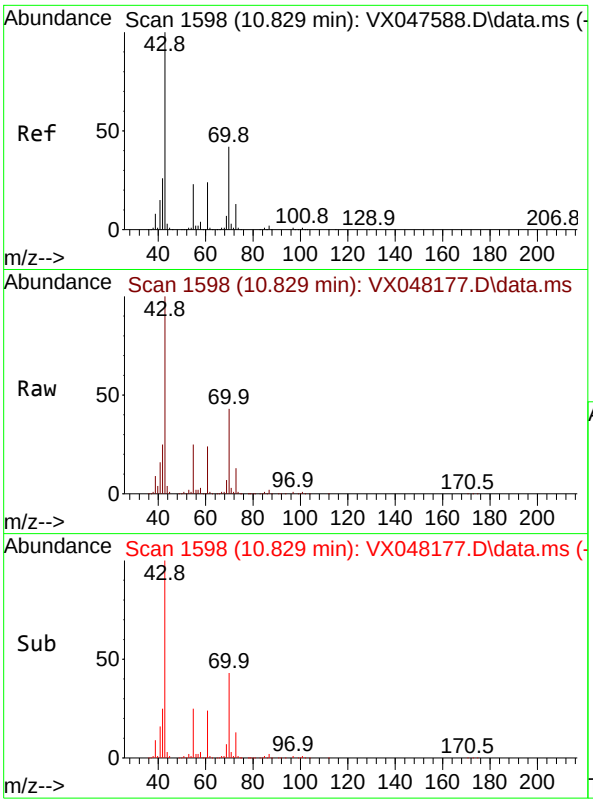


#73
Isopropylbenzene
Concen: 38.916 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:105 Resp: 296306

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.8	38.4

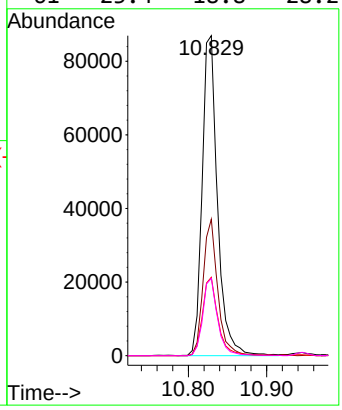




#74
N-amyl acetate
Concen: 34.027 ug/l
RT: 10.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 43 Resp: 11814

Ion	Ratio	Lower	Upper
43	100		
70	40.8	32.0	48.0
55	24.8	18.9	28.3
61	23.4	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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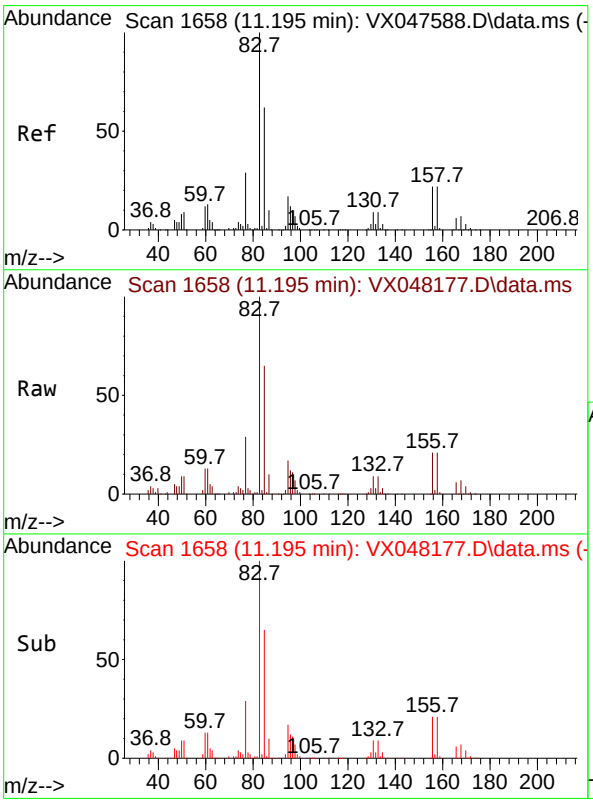
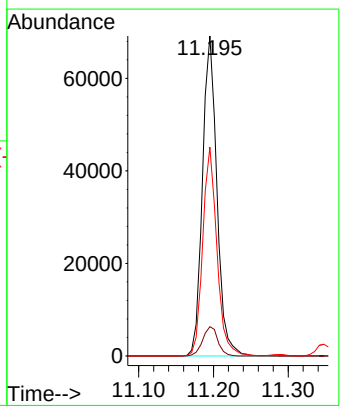
Supervised By :Mahesh Dadoda 10/16/2025

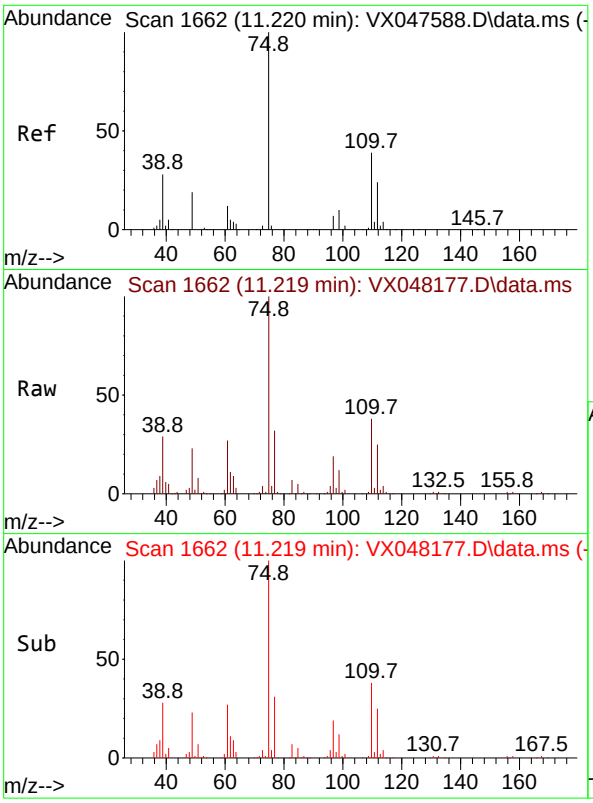


#75
1,1,2,2-Tetrachloroethane
Concen: 40.307 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 83 Resp: 92851

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	64.3	31.6	95.0





#76
1,2,3-Trichloropropane
Concen: 45.183 ug/l m
RT: 11.219 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 75 Resp: 9161

Ion	Ratio	Lower	Upper
75	100		
77	33.6	18.8	56.4

Instrument :
MSVOA_X
ClientSampleId :
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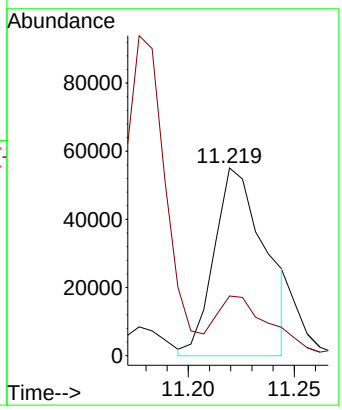
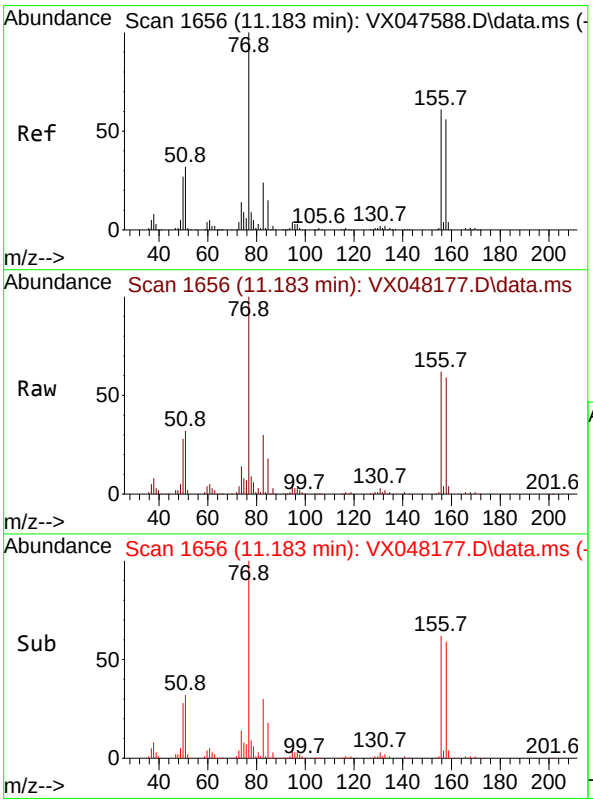
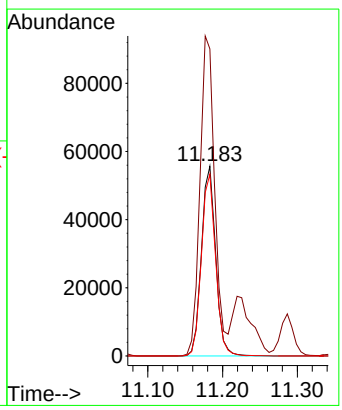


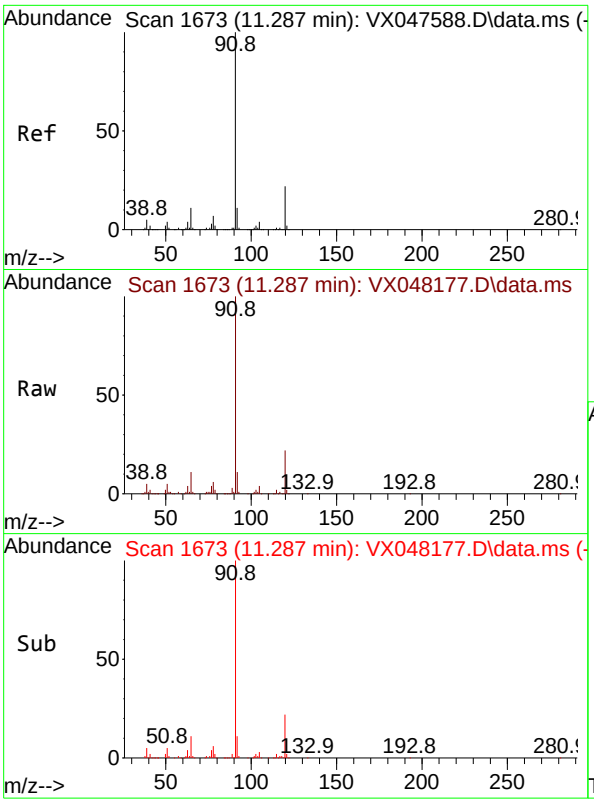


#77
Bromobenzene
Concen: 39.253 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:156 Resp: 73610

Ion	Ratio	Lower	Upper
156	100		
77	175.1	89.7	269.1
158	96.0	47.9	143.6

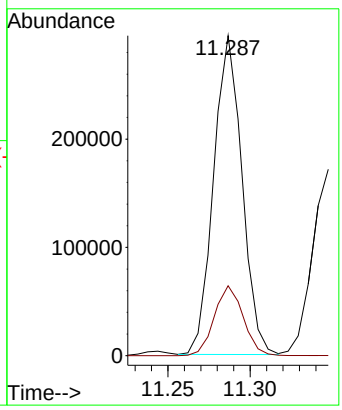




#78
n-propylbenzene
Concen: 39.309 ug/l
RT: 11.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 91 Resp: 35380

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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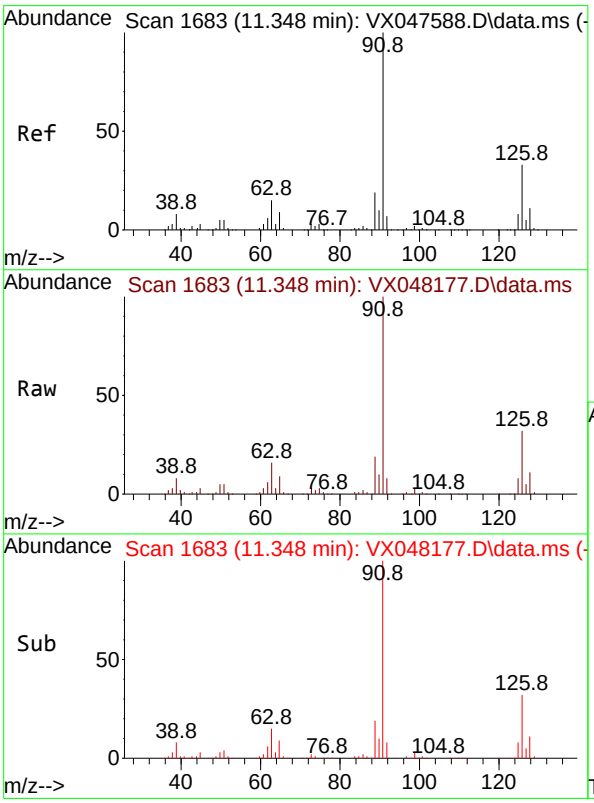
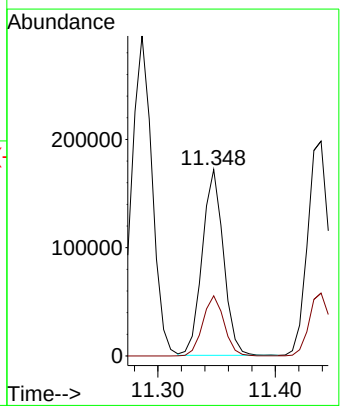
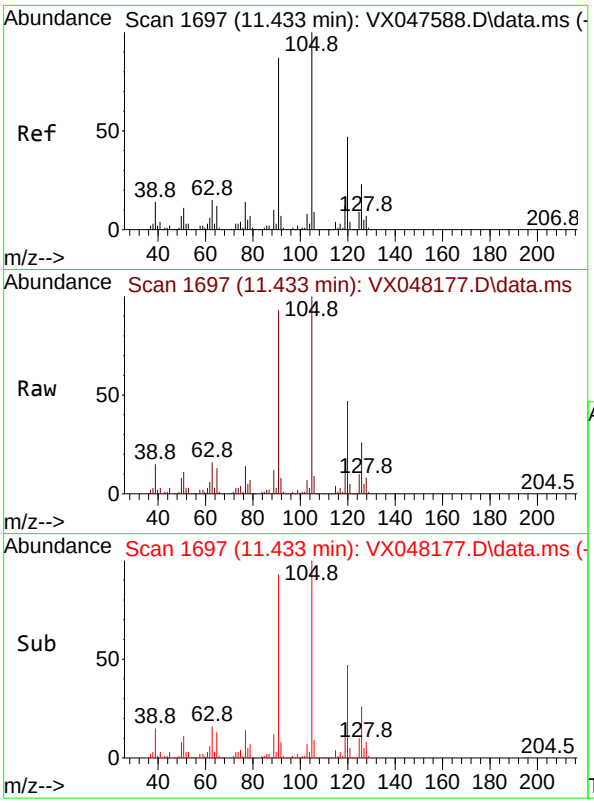


#79
2-Chlorotoluene
Concen: 38.968 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 91 Resp: 214818

Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.3

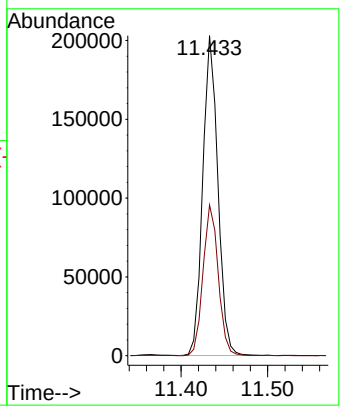




#80
1,3,5-Trimethylbenzene
Concen: 39.260 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:105 Resp: 24559

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.6	70.8



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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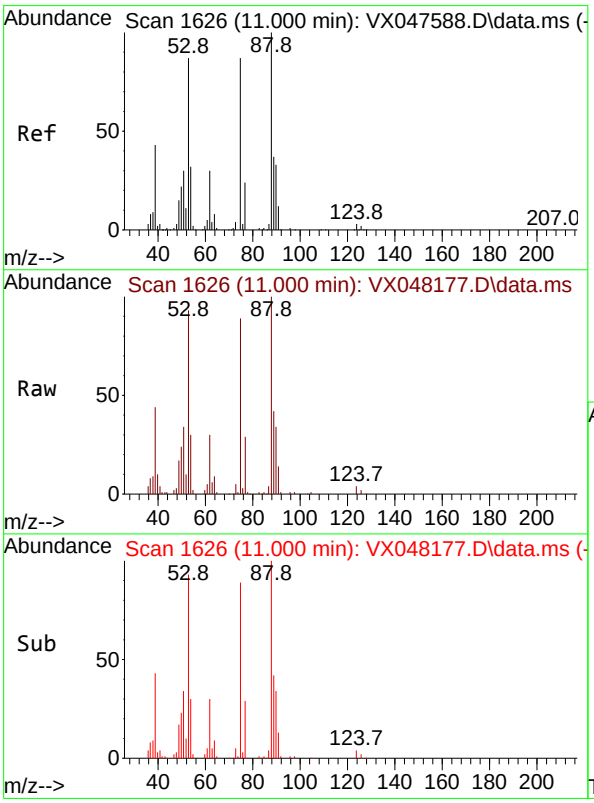
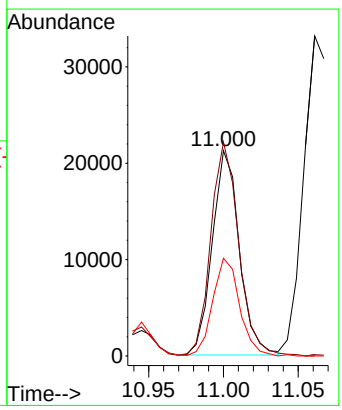
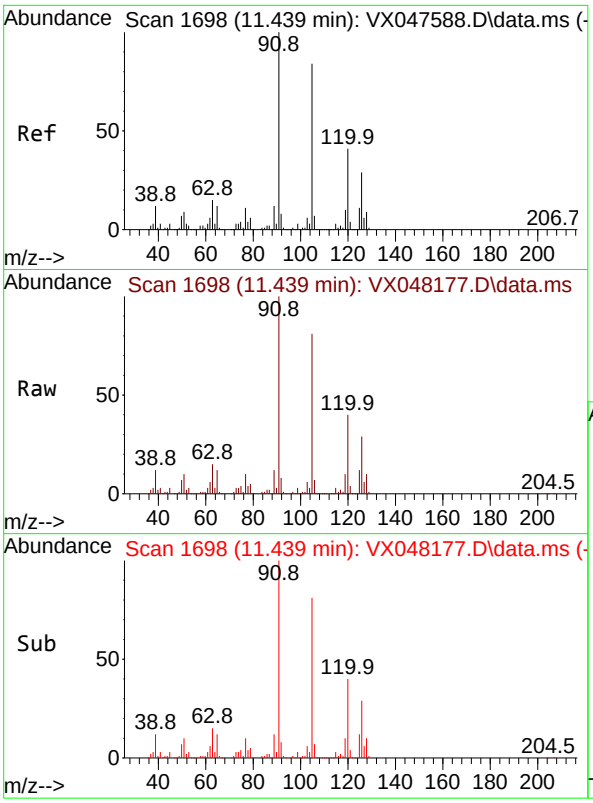


#81
trans-1,4-Dichloro-2-butene
Concen: 33.650 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 75 Resp: 26756

Ion	Ratio	Lower	Upper
75	100		
53	107.9	83.4	125.2
89	47.5	36.3	54.5

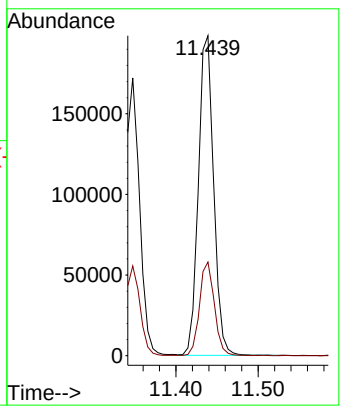




#82
4-Chlorotoluene
Concen: 39.236 ug/l
RT: 11.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 91 Resp: 25545

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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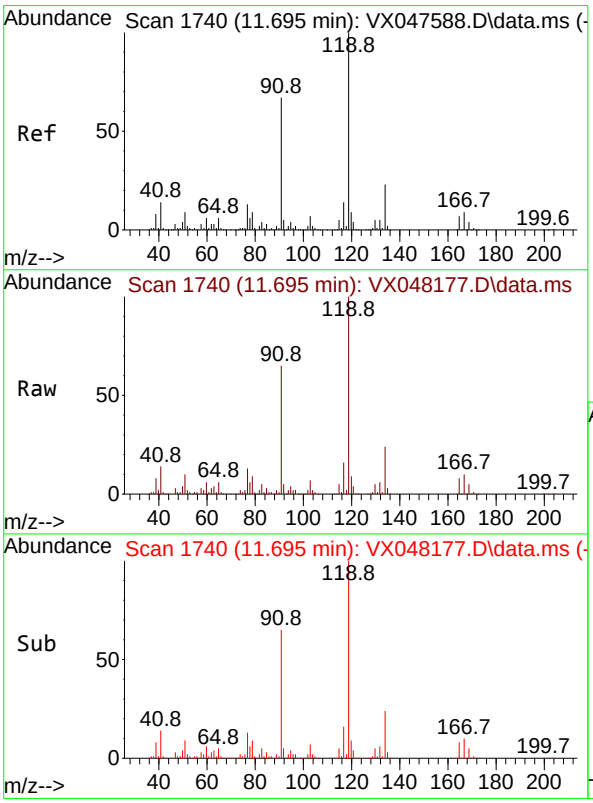
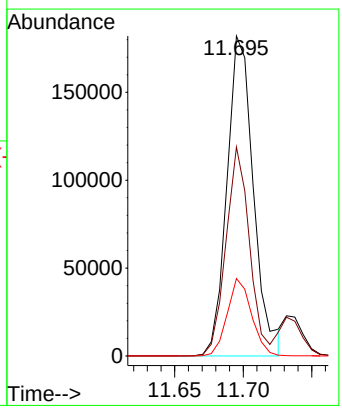
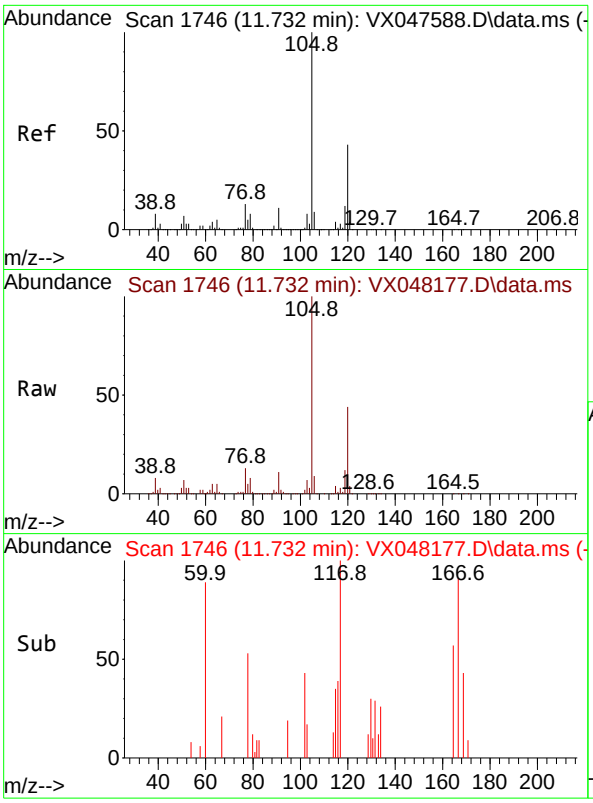


#83
tert-Butylbenzene
Concen: 38.313 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:119 Resp: 245346

Ion	Ratio	Lower	Upper
119	100		
91	58.1	29.6	88.8
134	22.2	11.0	33.0

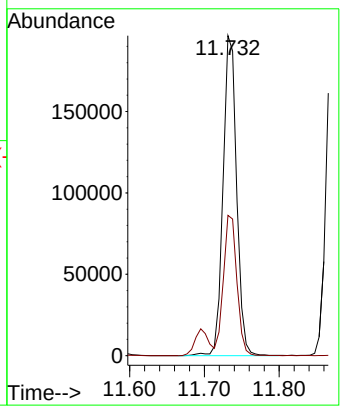




#84
1,2,4-Trimethylbenzene
Concen: 39.195 ug/l
RT: 11.732 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:105 Resp: 24857

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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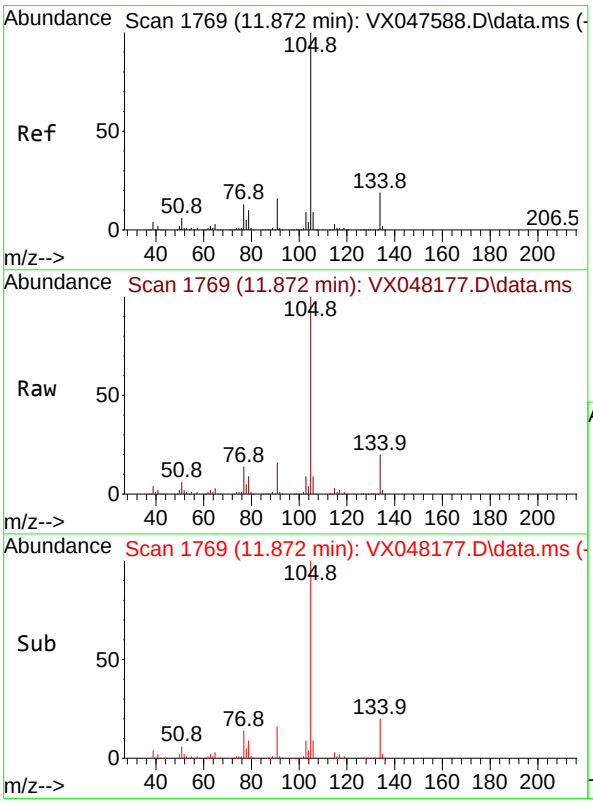
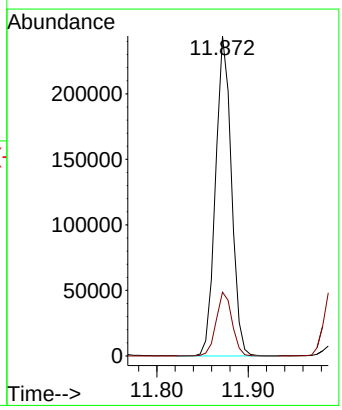
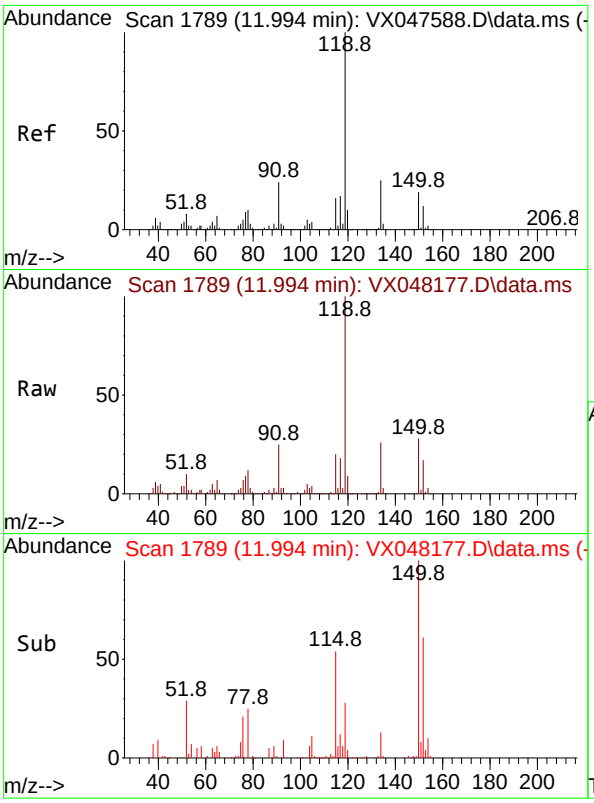


#85
sec-Butylbenzene
Concen: 38.776 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:105 Resp: 294940

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.5

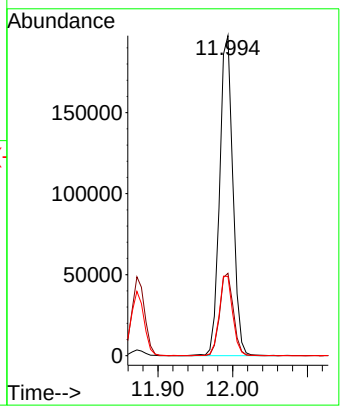




#86
p-Isopropyltoluene
Concen: 37.908 ug/l
RT: 11.994 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:119 Resp: 24410

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.6	37.8
91	25.4	12.6	37.6



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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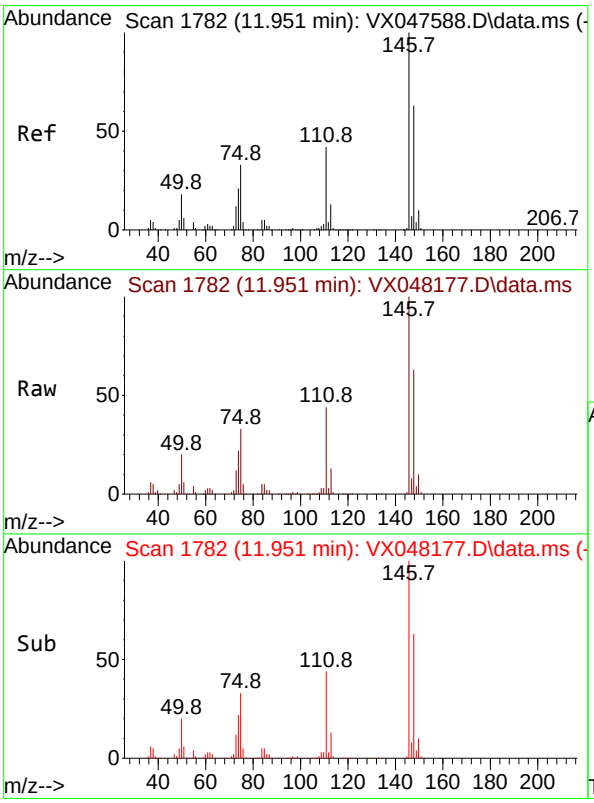
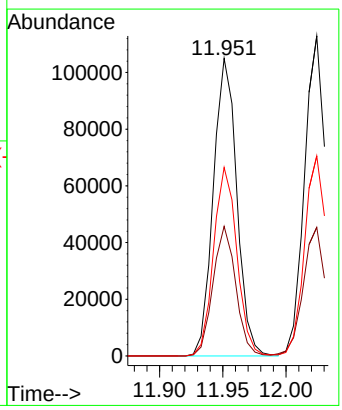
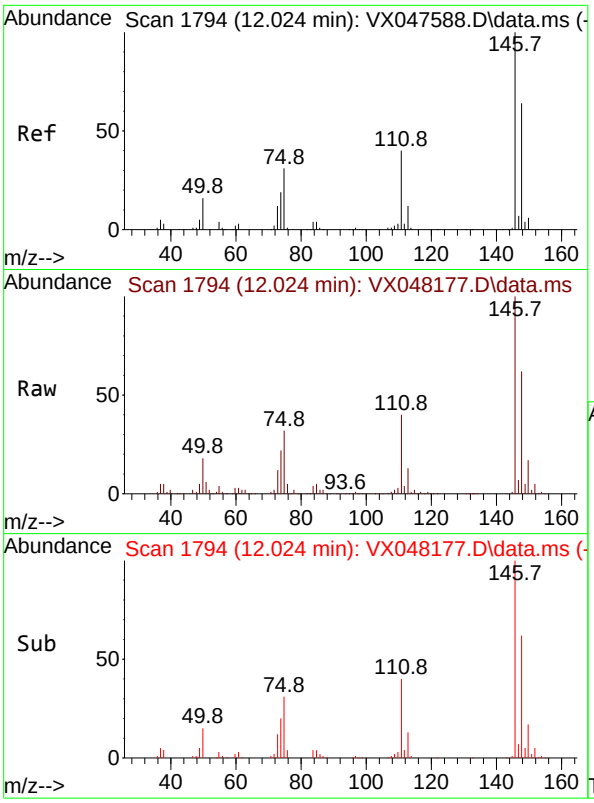


#87
1,3-Dichlorobenzene
Concen: 38.871 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:146 Resp: 135392

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	63.0	32.0	96.0

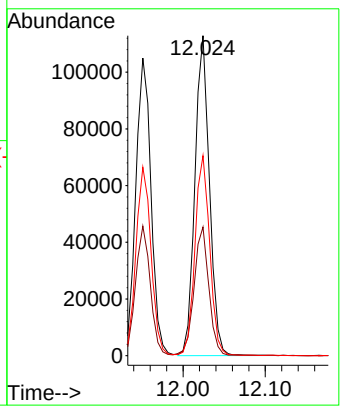




#88
1,4-Dichlorobenzene
Concen: 38.722 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:146 Resp: 13842

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.8	62.4
148	63.5	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

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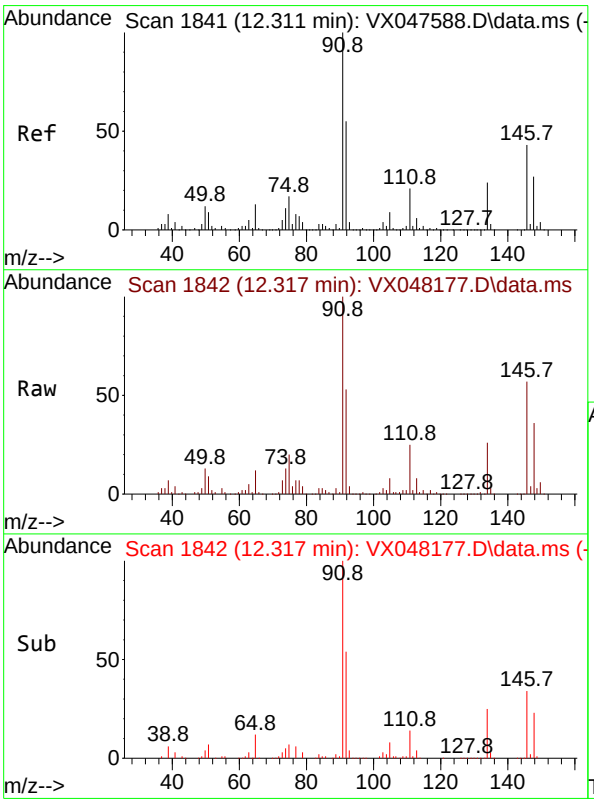
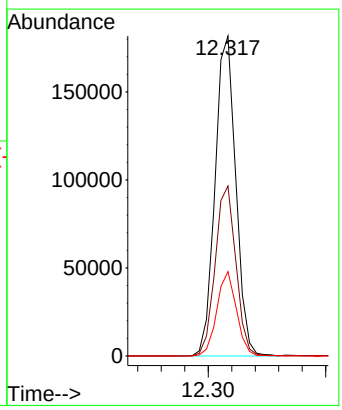
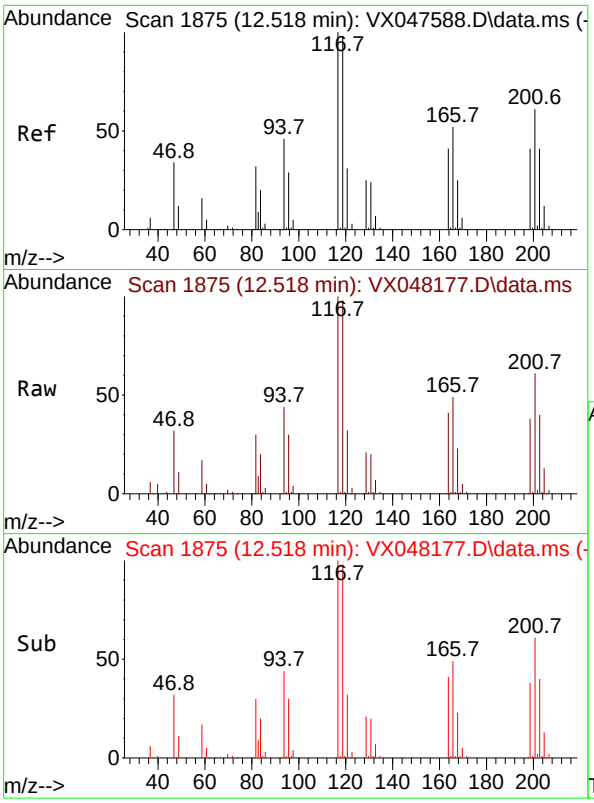


#89
n-Butylbenzene
Concen: 37.426 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 91 Resp: 223001

Ion	Ratio	Lower	Upper
91	100		
92	53.2	27.6	82.7
134	25.0	12.6	37.8

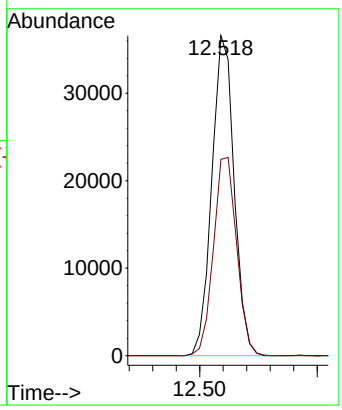




#90
Hexachloroethane
Concen: 42.664 ug/l
RT: 12.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:117 Resp: 4823

Ion	Ratio	Lower	Upper
117	100		
201	64.6	34.2	102.5



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Manual Integrations
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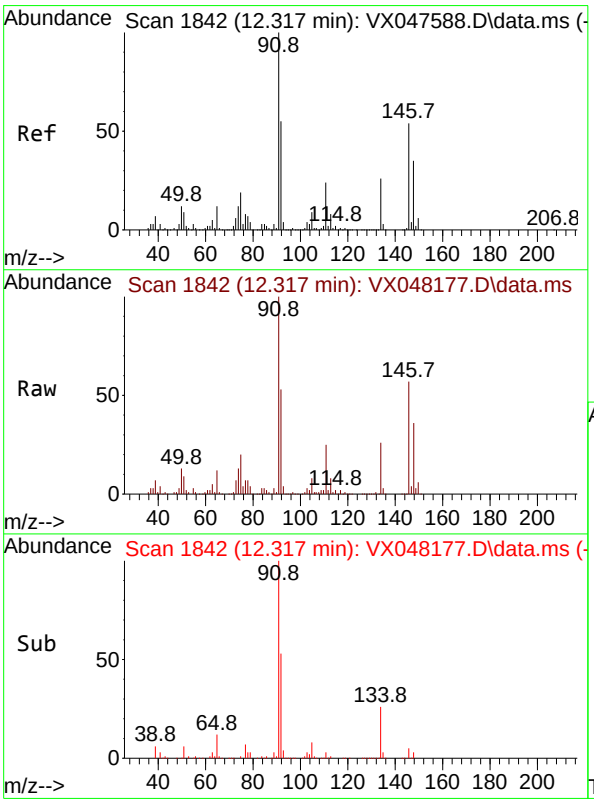
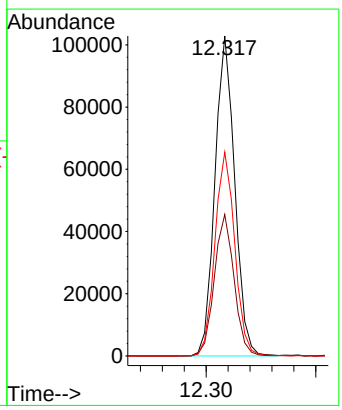
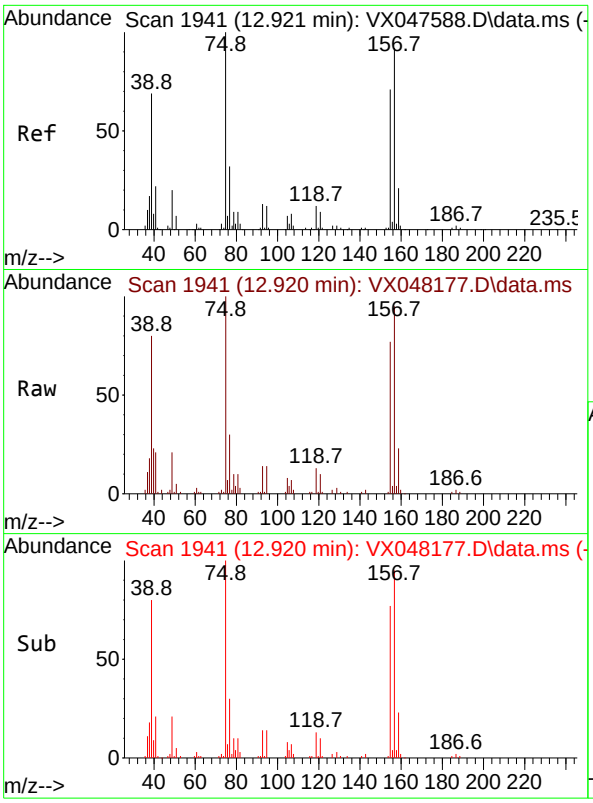


#91
1,2-Dichlorobenzene
Concen: 38.864 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:146 Resp: 128968

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.2	66.6
148	64.0	31.8	95.4

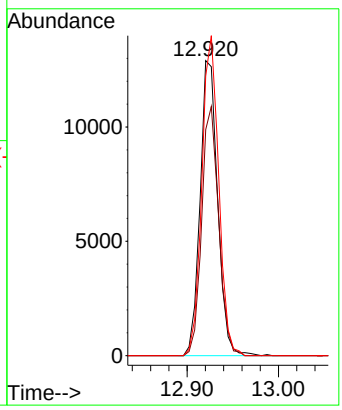




#92
1,2-Dibromo-3-Chloropropane
Concen: 36.832 ug/l
RT: 12.920 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion: 75 Resp: 1717

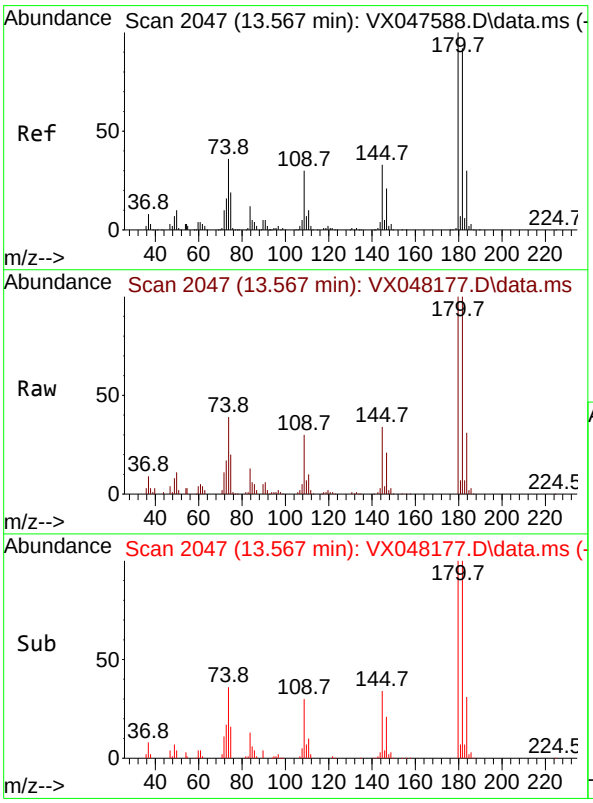
Ion	Ratio	Lower	Upper
75	100		
155	81.6	37.7	113.1
157	104.1	49.8	149.4



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Manual Integrations
APPROVED

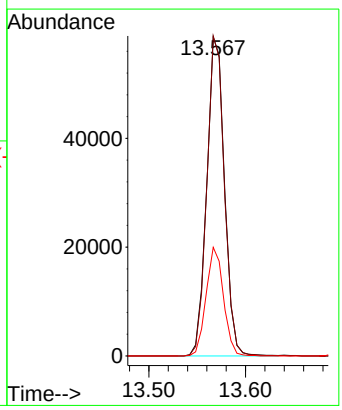
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

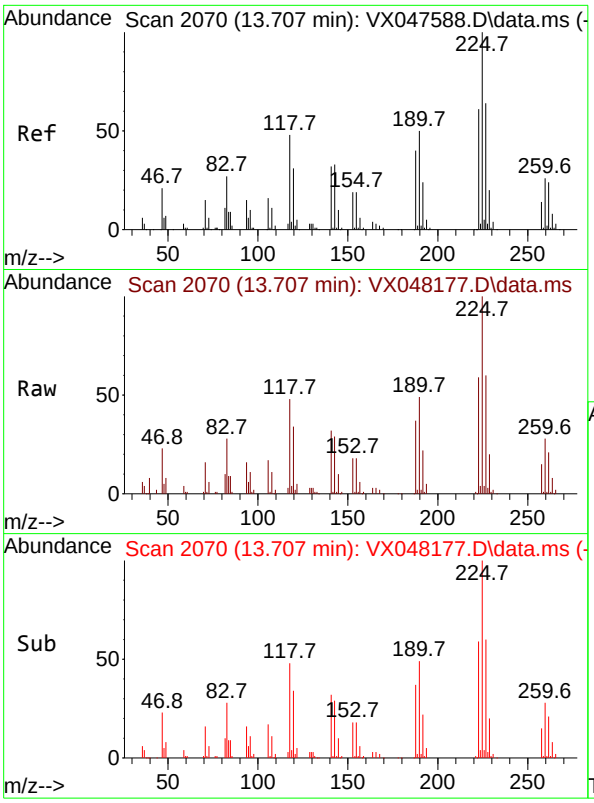


#93
1,2,4-Trichlorobenzene
Concen: 34.678 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:180 Resp: 74788

Ion	Ratio	Lower	Upper
180	100		
182	99.0	46.6	139.8
145	33.5	16.4	49.1

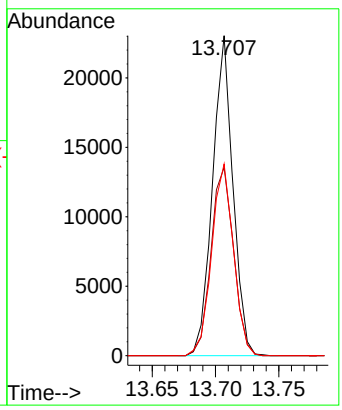




#94
Hexachlorobutadiene
Concen: 35.204 ug/l
RT: 13.707 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:225 Resp: 2578

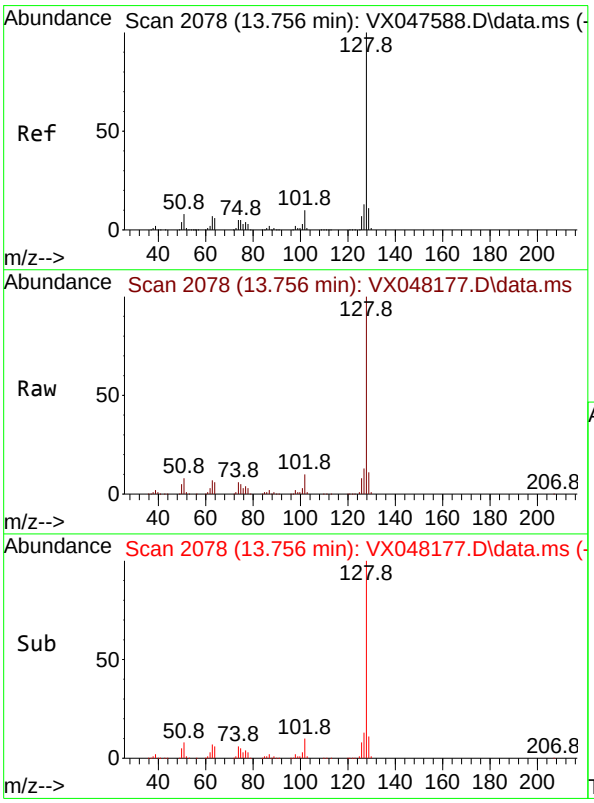
Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.7	95.1
227	64.0	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Manual Integrations
APPROVED

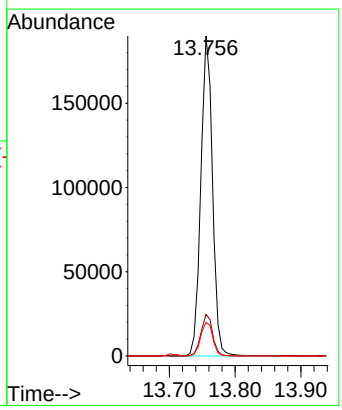
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

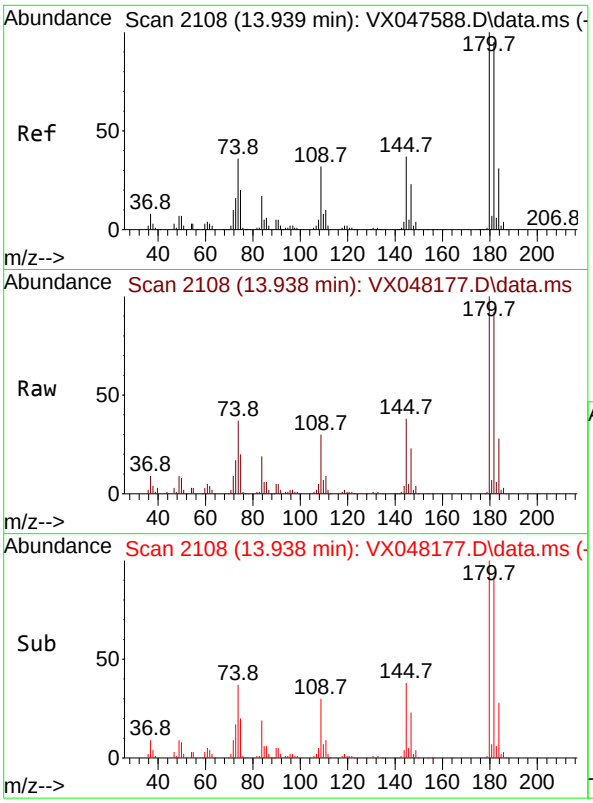


#95
Naphthalene
Concen: 35.684 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:128 Resp: 234346

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.8	13.2

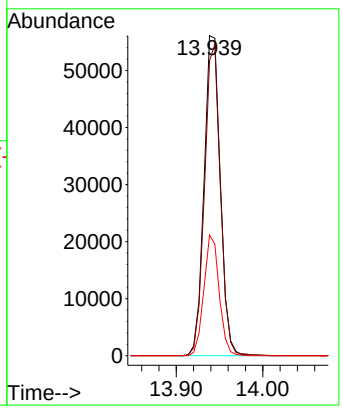




#96
1,2,3-Trichlorobenzene
Concen: 36.512 ug/l
RT: 13.938 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048177.D
Acq: 14 Oct 2025 18:59

Tgt Ion:180 Resp: 7324

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.6	142.8
145	35.5	17.9	53.7



Instrument :
MSVOA_X
ClientSampleId :
MW-219MS

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-219MSD	SDG No.:	Q3311
Lab Sample ID:	Q3311-04MSD	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	54.1		1	0.22	1.00	ug/L	10/14/25 19:20	VX101425
74-87-3	Chloromethane	53.3		1	0.32	1.00	ug/L	10/14/25 19:20	VX101425
75-01-4	Vinyl Chloride	57.4		1	0.26	1.00	ug/L	10/14/25 19:20	VX101425
74-83-9	Bromomethane	59.0		1	1.40	5.00	ug/L	10/14/25 19:20	VX101425
75-00-3	Chloroethane	55.2		1	0.47	1.00	ug/L	10/14/25 19:20	VX101425
75-69-4	Trichlorofluoromethane	57.8		1	0.33	1.00	ug/L	10/14/25 19:20	VX101425
76-13-1	1,1,2-Trichlorotrifluoroethane	54.8		1	0.25	1.00	ug/L	10/14/25 19:20	VX101425
75-35-4	1,1-Dichloroethene	56.0		1	0.23	1.00	ug/L	10/14/25 19:20	VX101425
67-64-1	Acetone	200		1	1.50	5.00	ug/L	10/14/25 19:20	VX101425
75-15-0	Carbon Disulfide	61.5		1	0.21	1.00	ug/L	10/14/25 19:20	VX101425
1634-04-4	Methyl tert-butyl Ether	52.3		1	0.16	1.00	ug/L	10/14/25 19:20	VX101425
79-20-9	Methyl Acetate	45.7		1	0.27	1.00	ug/L	10/14/25 19:20	VX101425
75-09-2	Methylene Chloride	53.6		1	0.28	1.00	ug/L	10/14/25 19:20	VX101425
156-60-5	trans-1,2-Dichloroethene	56.9		1	0.23	1.00	ug/L	10/14/25 19:20	VX101425
75-34-3	1,1-Dichloroethane	54.9		1	0.23	1.00	ug/L	10/14/25 19:20	VX101425
110-82-7	Cyclohexane	53.0		1	1.50	5.00	ug/L	10/14/25 19:20	VX101425
78-93-3	2-Butanone	250		1	0.98	5.00	ug/L	10/14/25 19:20	VX101425
56-23-5	Carbon Tetrachloride	54.9		1	0.25	1.00	ug/L	10/14/25 19:20	VX101425
156-59-2	cis-1,2-Dichloroethene	56.0		1	0.19	1.00	ug/L	10/14/25 19:20	VX101425
74-97-5	Bromochloromethane	48.4		1	0.22	1.00	ug/L	10/14/25 19:20	VX101425
67-66-3	Chloroform	57.0		1	0.25	1.00	ug/L	10/14/25 19:20	VX101425
71-55-6	1,1,1-Trichloroethane	56.9		1	0.20	1.00	ug/L	10/14/25 19:20	VX101425
108-87-2	Methylcyclohexane	52.8		1	0.16	1.00	ug/L	10/14/25 19:20	VX101425
71-43-2	Benzene	56.0		1	0.15	1.00	ug/L	10/14/25 19:20	VX101425
107-06-2	1,2-Dichloroethane	54.2		1	0.22	1.00	ug/L	10/14/25 19:20	VX101425
79-01-6	Trichloroethene	57.7		1	0.090	1.00	ug/L	10/14/25 19:20	VX101425
78-87-5	1,2-Dichloropropane	49.8		1	0.20	1.00	ug/L	10/14/25 19:20	VX101425
75-27-4	Bromodichloromethane	57.0		1	0.22	1.00	ug/L	10/14/25 19:20	VX101425
108-10-1	4-Methyl-2-Pentanone	260		1	0.68	5.00	ug/L	10/14/25 19:20	VX101425
108-88-3	Toluene	55.4		1	0.14	1.00	ug/L	10/14/25 19:20	VX101425
10061-02-6	t-1,3-Dichloropropene	53.0		1	0.17	1.00	ug/L	10/14/25 19:20	VX101425
10061-01-5	cis-1,3-Dichloropropene	52.7		1	0.16	1.00	ug/L	10/14/25 19:20	VX101425
79-00-5	1,1,2-Trichloroethane	55.1		1	0.21	1.00	ug/L	10/14/25 19:20	VX101425
591-78-6	2-Hexanone	250		1	0.89	5.00	ug/L	10/14/25 19:20	VX101425
124-48-1	Dibromochloromethane	58.1		1	0.18	1.00	ug/L	10/14/25 19:20	VX101425
106-93-4	1,2-Dibromoethane	55.9		1	0.15	1.00	ug/L	10/14/25 19:20	VX101425
127-18-4	Tetrachloroethene	280	E	1	0.23	1.00	ug/L	10/14/25 19:20	VX101425
108-90-7	Chlorobenzene	54.4		1	0.12	1.00	ug/L	10/14/25 19:20	VX101425
100-41-4	Ethyl Benzene	53.8		1	0.13	1.00	ug/L	10/14/25 19:20	VX101425
179601-23-1	m/p-Xylenes	110		1	0.24	2.00	ug/L	10/14/25 19:20	VX101425
95-47-6	o-Xylene	54.3		1	0.12	1.00	ug/L	10/14/25 19:20	VX101425
100-42-5	Styrene	54.3		1	0.15	1.00	ug/L	10/14/25 19:20	VX101425
75-25-2	Bromoform	59.6		1	0.19	1.00	ug/L	10/14/25 19:20	VX101425

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/07/25
Project:	The Wills Building	Date Received:	10/08/25
Client Sample ID:	MW-219MSD	SDG No.:	Q3311
Lab Sample ID:	Q3311-04MSD	Matrix:	Water
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	49.5		1	0.12	1.00	ug/L	10/14/25 19:20	VX101425
79-34-5	1,1,2,2-Tetrachloroethane	49.8		1	0.26	1.00	ug/L	10/14/25 19:20	VX101425
541-73-1	1,3-Dichlorobenzene	48.3		1	0.16	1.00	ug/L	10/14/25 19:20	VX101425
106-46-7	1,4-Dichlorobenzene	48.4		1	0.19	1.00	ug/L	10/14/25 19:20	VX101425
95-50-1	1,2-Dichlorobenzene	49.3		1	0.16	1.00	ug/L	10/14/25 19:20	VX101425
96-12-8	1,2-Dibromo-3-Chloropropane	47.6		1	0.53	1.00	ug/L	10/14/25 19:20	VX101425
120-82-1	1,2,4-Trichlorobenzene	45.5		1	0.20	1.00	ug/L	10/14/25 19:20	VX101425
87-61-6	1,2,3-Trichlorobenzene	47.7		1	0.20	1.00	ug/L	10/14/25 19:20	VX101425
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	47.7			74 - 125	95%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.8			75 - 124	98%	SPK: 50		
2037-26-5	Toluene-d8	46.2			86 - 113	92%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.8			77 - 121	96%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	110000							
540-36-3	1,4-Difluorobenzene	199000							
3114-55-4	Chlorobenzene-d5	178000							
3855-82-1	1,4-Dichlorobenzene-d4	94300							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048178.D
Acq On : 14 Oct 2025 19:20
Operator : JC/MD
Sample : Q3311-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 15 02:51:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	110142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	199465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	178364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	94291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83703	47.743	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.480%			
35) Dibromofluoromethane	5.373	113	65275	48.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.600%			
50) Toluene-d8	8.634	98	213826	46.195	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.380%			
62) 4-Bromofluorobenzene	11.061	95	83883	47.750	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	61758	54.148	ug/l	96
3) Chloromethane	1.300	50	79886	53.294	ug/l	100
4) Vinyl Chloride	1.379	62	84221	57.397	ug/l	98
5) Bromomethane	1.617	94	54878	58.980	ug/l	96
6) Chloroethane	1.697	64	54119	55.183	ug/l	97
7) Trichlorofluoromethane	1.898	101	125844	57.761	ug/l	99
8) Diethyl Ether	2.135	74	47384	53.167	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	69753	54.754	ug/l	99
10) Methyl Iodide	2.459	142	93414	47.016	ug/l	97
11) Tert butyl alcohol	2.946	59	43149	220.985	ug/l	100
12) 1,1-Dichloroethene	2.324	96	73324	56.032	ug/l	95
13) Acrolein	2.239	56	45858	254.861	ug/l	97
14) Allyl chloride	2.666	41	134937	49.970	ug/l	99
15) Acrylonitrile	3.062	53	196943	272.304	ug/l	98
16) Acetone	2.373	43	150857	197.900	ug/l	98
17) Carbon Disulfide	2.520	76	220341	61.506	ug/l	98
18) Methyl Acetate	2.702	43	77550	45.713	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	250017	52.338	ug/l	100
20) Methylene Chloride	2.788	84	86444	53.573	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	80185	56.914	ug/l	97
22) Diisopropyl ether	3.751	45	281208	53.734	ug/l #	83
23) Vinyl Acetate	3.714	43	1068305	255.058	ug/l	100
24) 1,1-Dichloroethane	3.605	63	152793	54.931	ug/l	98
25) 2-Butanone	4.544	43	235717	247.899	ug/l	98
26) 2,2-Dichloropropane	4.470	77	108795	47.053	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	96700	56.045	ug/l	97
28) Bromochloromethane	4.891	49	58766	48.393	ug/l	98
29) Tetrahydrofuran	4.995	42	148272	259.210	ug/l	99
30) Chloroform	5.080	83	160224	57.002	ug/l	95
31) Cyclohexane	5.458	56	122885	53.043	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	135586	56.869	ug/l	100
36) 1,1-Dichloropropene	5.684	75	102103	52.234	ug/l	98
37) Ethyl Acetate	4.702	43	95396	45.580	ug/l	99
38) Carbon Tetrachloride	5.665	117	116631	54.915	ug/l	97
39) Methylcyclohexane	7.366	83	117256	52.845	ug/l	96
40) Benzene	6.025	78	332549	56.013	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048178.D
Acq On : 14 Oct 2025 19:20
Operator : JC/MD
Sample : Q3311-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 15 02:51:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Manual Integrations APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.909	41	54498	50.438	ug/l		99
42) 1,2-Dichloroethane	6.074	62	122393	54.181	ug/l		99
43) Isopropyl Acetate	6.330	43	133438	38.874	ug/l		97
44) Trichloroethene	7.110	130	82756	57.656	ug/l		96
45) 1,2-Dichloropropane	7.415	63	75721	49.809	ug/l		99
46) Dibromomethane	7.567	93	62094	56.128	ug/l		95
47) Bromodichloromethane	7.805	83	130150	57.011	ug/l		99
48) Methyl methacrylate	7.677	41	85423	49.961	ug/l		96
49) 1,4-Dioxane	7.647	88	20092	1162.772	ug/l		97
51) 4-Methyl-2-Pentanone	8.561	43	500898	263.191	ug/l		99
52) Toluene	8.701	92	202770	55.435	ug/l		99
53) t-1,3-Dichloropropene	8.963	75	123420	53.003	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	131179	52.706	ug/l		96
55) 1,1,2-Trichloroethane	9.140	97	77773	55.142	ug/l		99
56) Ethyl methacrylate	9.104	69	117469	53.033	ug/l		98
57) 1,3-Dichloropropane	9.293	76	133305	55.020	ug/l		99
59) 2-Hexanone	9.415	43	345041	252.433	ug/l		100
60) Dibromochloromethane	9.506	129	94457	58.123	ug/l		99
61) 1,2-Dibromoethane	9.591	107	80365	55.942	ug/l		99
64) Tetrachloroethene	9.262	164	331269	284.902	ug/l		97
65) Chlorobenzene	10.061	112	220328	54.374	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	77931	55.734	ug/l		99
67) Ethyl Benzene	10.177	91	376181	53.805	ug/l		100
68) m/p-Xylenes	10.286	106	282986	108.744	ug/l		99
69) o-Xylene	10.628	106	136699	54.309	ug/l		100
70) Styrene	10.640	104	239395	54.280	ug/l		99
71) Bromoform	10.786	173	62216	59.590	ug/l	#	97
73) Isopropylbenzene	10.945	105	354640	49.471	ug/l		100
74) N-amyl acetate	10.829	43	140343	42.932	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	107937	49.767	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	94727m	49.619	ug/l		
77) Bromobenzene	11.183	156	85625	48.497	ug/l		98
78) n-propylbenzene	11.286	91	417171	49.228	ug/l		100
79) 2-Chlorotoluene	11.347	91	253026	48.750	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	291714	49.530	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	32079	42.851	ug/l		96
82) 4-Chlorotoluene	11.439	91	300444	49.012	ug/l		98
83) tert-Butylbenzene	11.695	119	291710	48.384	ug/l		99
84) 1,2,4-Trimethylbenzene	11.731	105	295508	49.489	ug/l		100
85) sec-Butylbenzene	11.872	105	350539	48.949	ug/l		99
86) p-Isopropyltoluene	11.993	119	294049	48.500	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	158253	48.257	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	162895	48.397	ug/l		99
89) n-Butylbenzene	12.317	91	268412	47.846	ug/l		98
90) Hexachloroethane	12.518	117	57749	54.253	ug/l		97
91) 1,2-Dichlorobenzene	12.317	146	154177	49.348	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	20888	47.569	ug/l		98
93) 1,2,4-Trichlorobenzene	13.566	180	92329	45.471	ug/l		99
94) Hexachlorobutadiene	13.707	225	31426	45.564	ug/l		98
95) Naphthalene	13.755	128	288762	46.702	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	90016	47.657	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048178.D
Acq On : 14 Oct 2025 19:20
Operator : JC/MD
Sample : Q3311-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 15 02:51:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Manual Integrations APPROVED

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Supervised By :Mahesh Dadoda 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
Data File : VX048178.D
Acq On : 14 Oct 2025 19:20
Operator : JC/MD
Sample : Q3311-04MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 15 02:51:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
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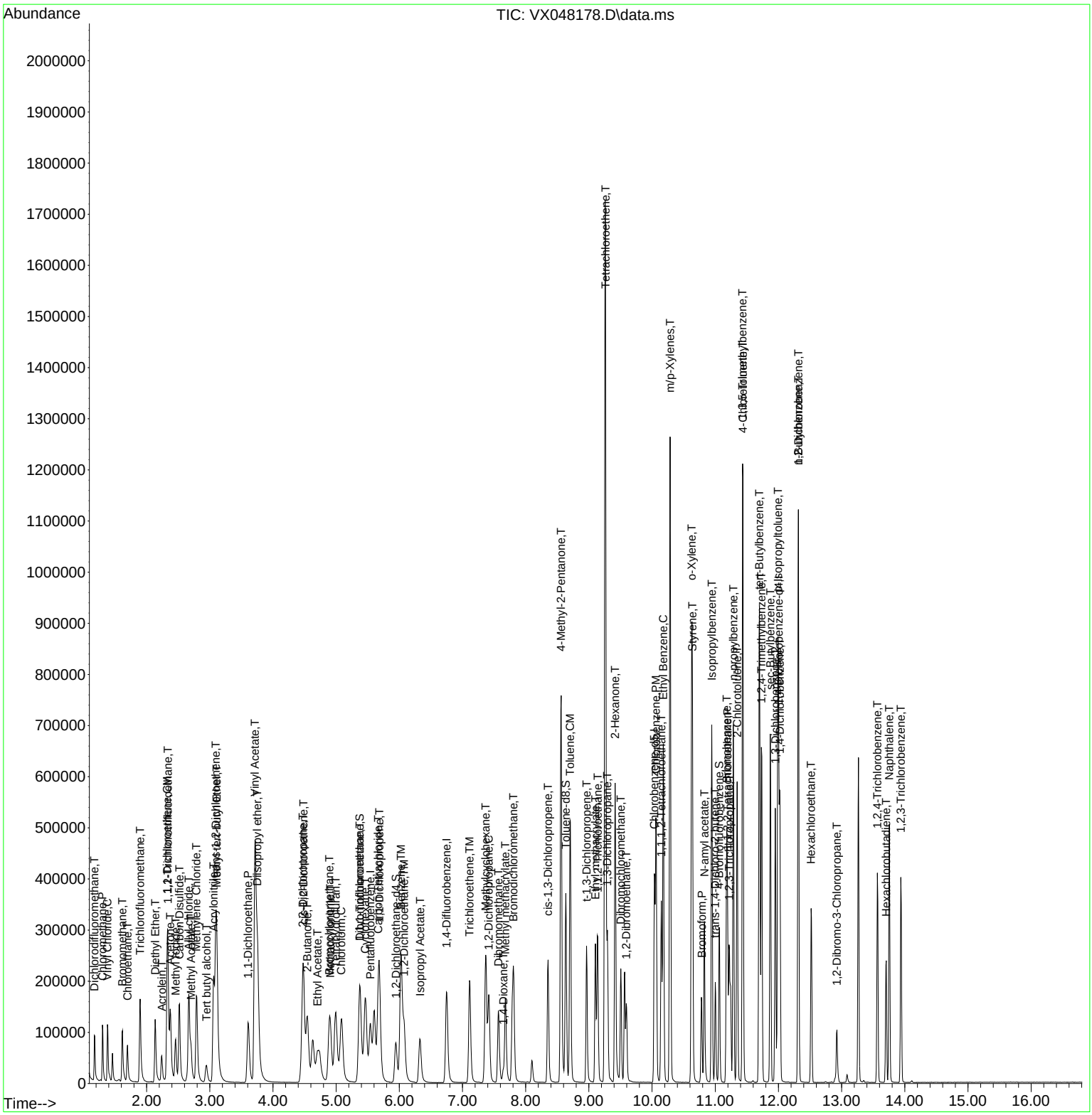
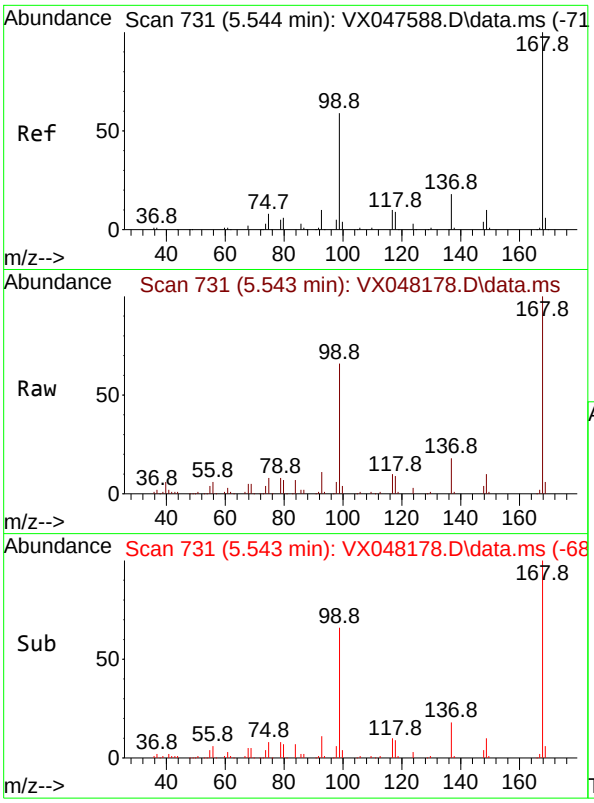
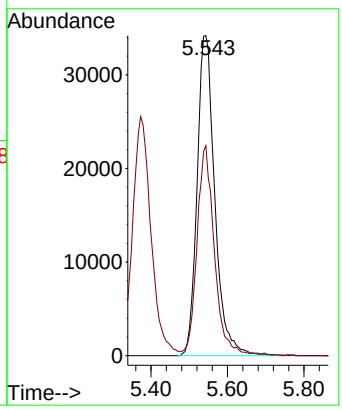




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:168 Resp: 11014

Ion	Ratio	Lower	Upper
168	100		
99	65.3	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
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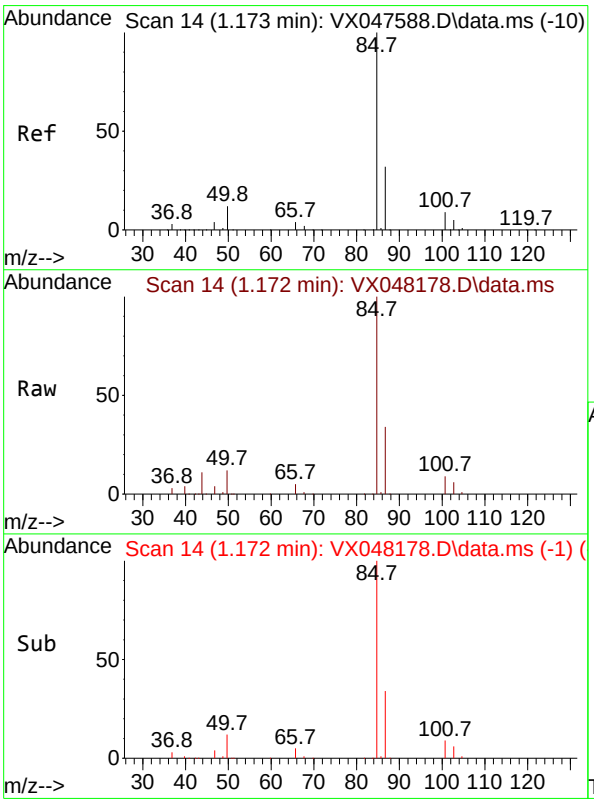
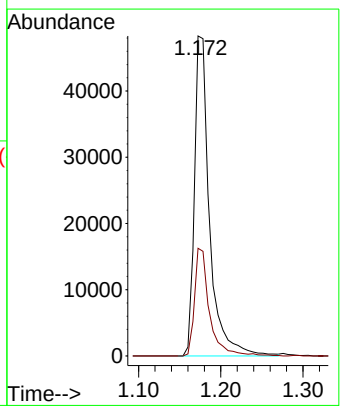
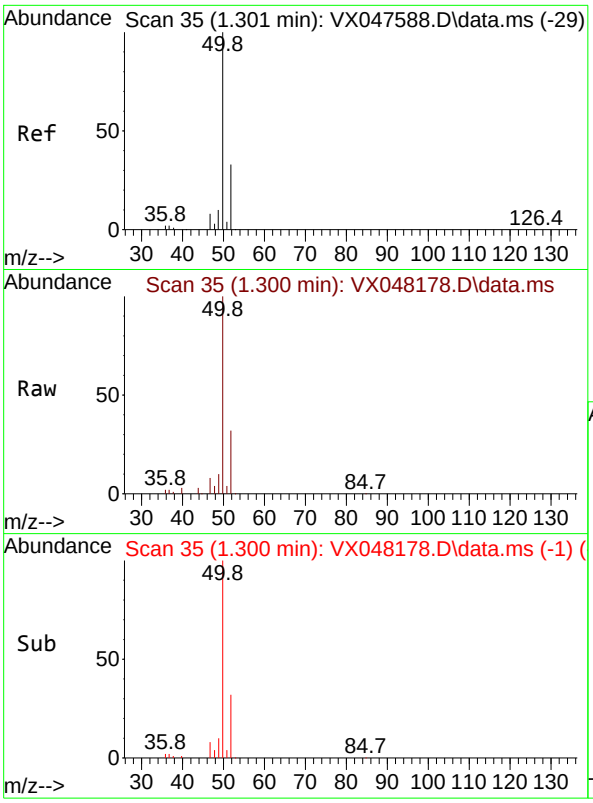


#2
Dichlorodifluoromethane
Concen: 54.148 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 85 Resp: 61758

Ion	Ratio	Lower	Upper
85	100		
87	33.7	15.8	47.3

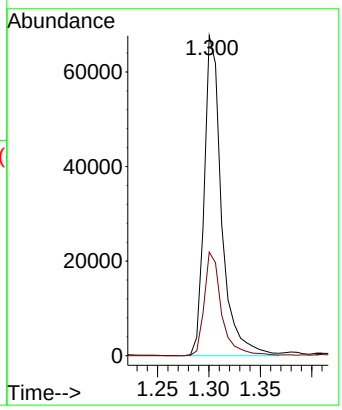




#3
Chloromethane
Concen: 53.294 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 50 Resp: 7988

Ion	Ratio	Lower	Upper
50	100		
52	32.4	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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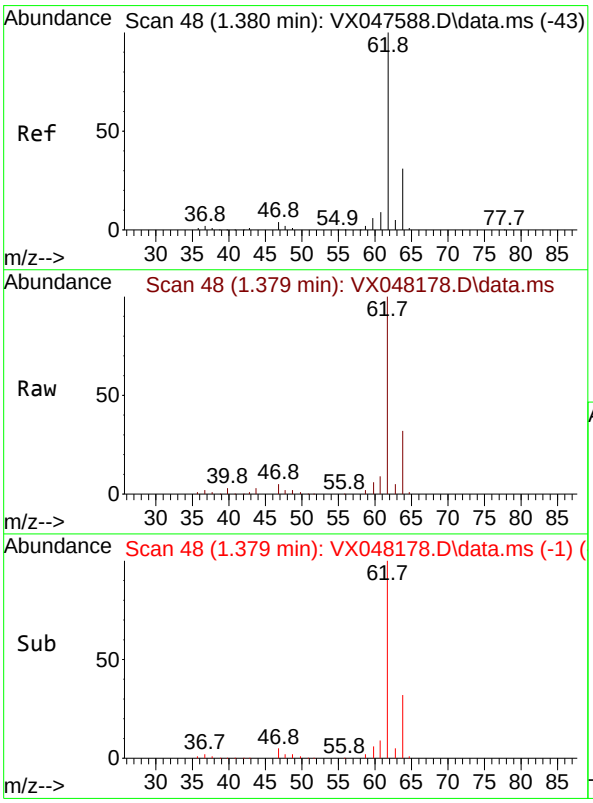
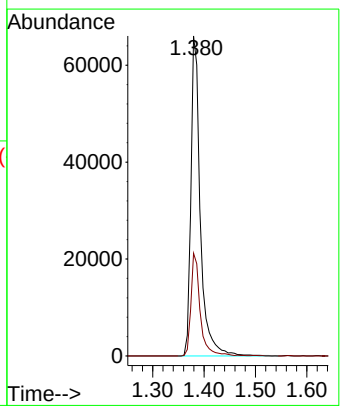
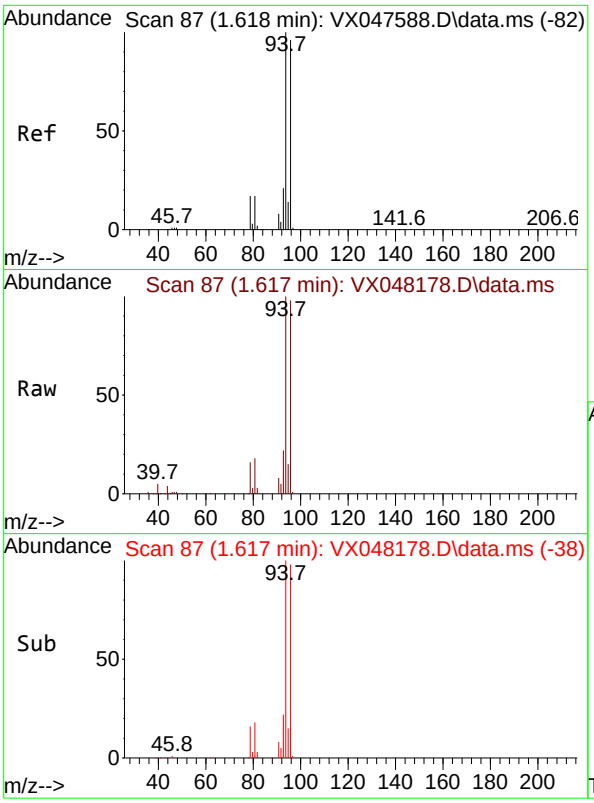


#4
Vinyl Chloride
Concen: 57.397 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 62 Resp: 84221

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3

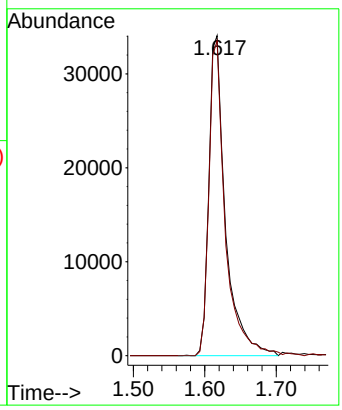




#5
Bromomethane
Concen: 58.980 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 94 Resp: 5487

Ion	Ratio	Lower	Upper
94	100		
96	99.6	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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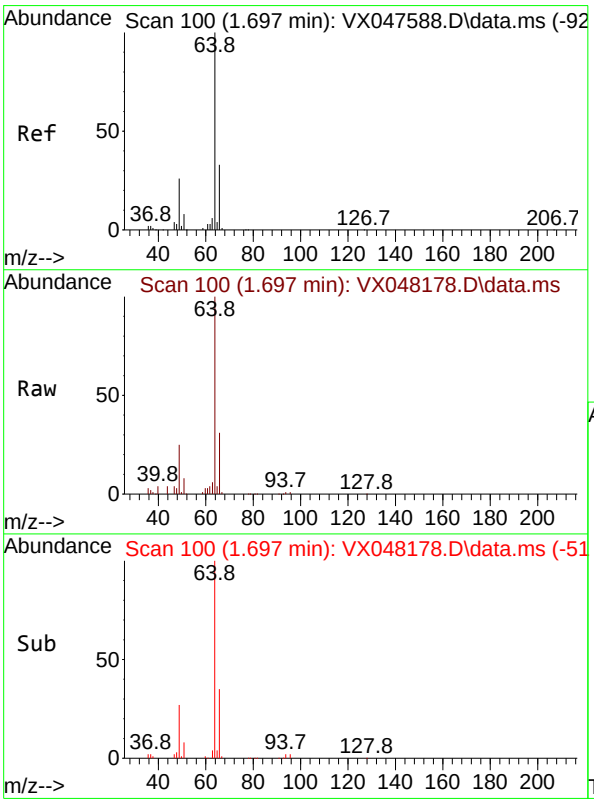
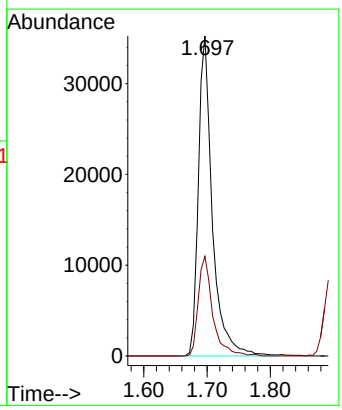
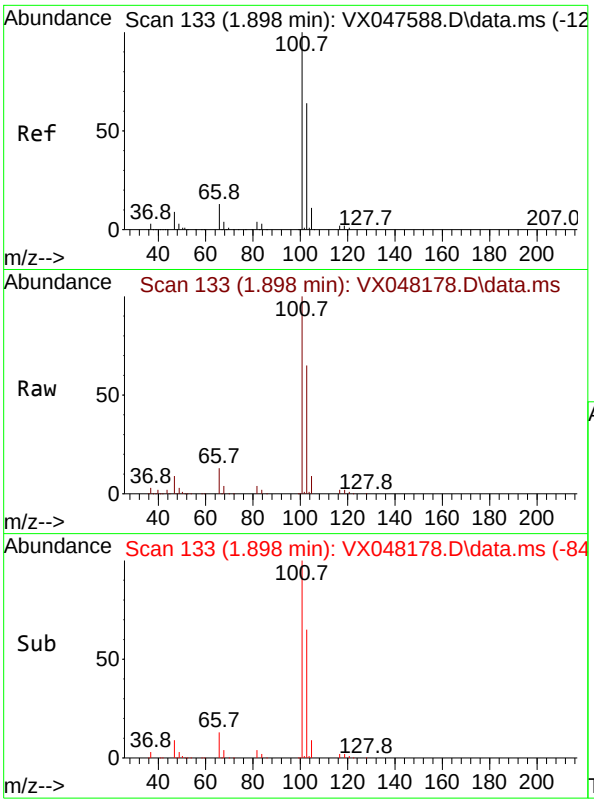


#6
Chloroethane
Concen: 55.183 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 64 Resp: 54119

Ion	Ratio	Lower	Upper
64	100		
66	31.1	26.1	39.1





#7
Trichlorofluoromethane
Concen: 57.761 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:101 Resp: 12584

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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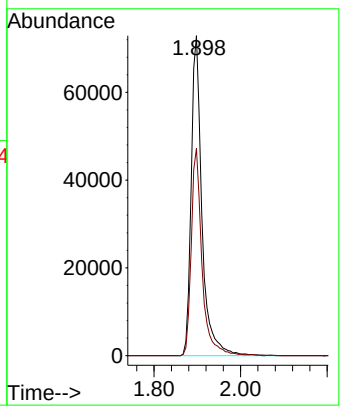
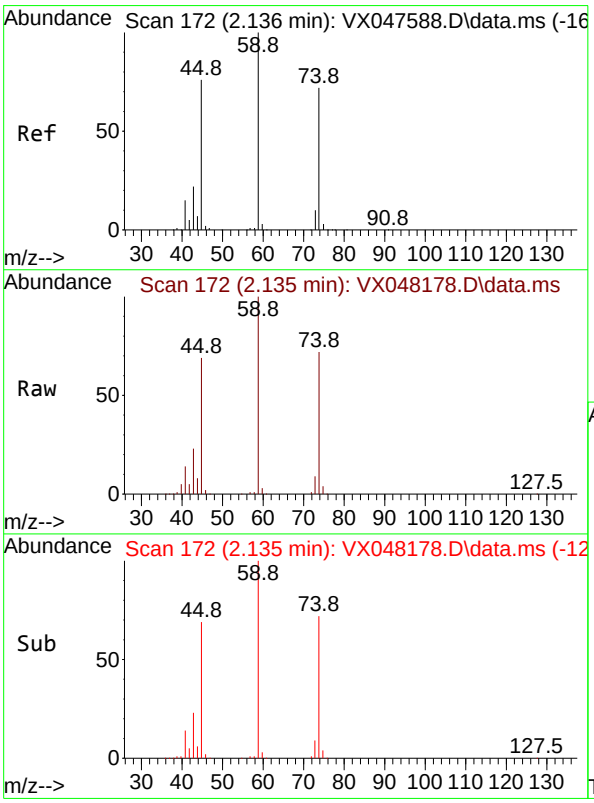
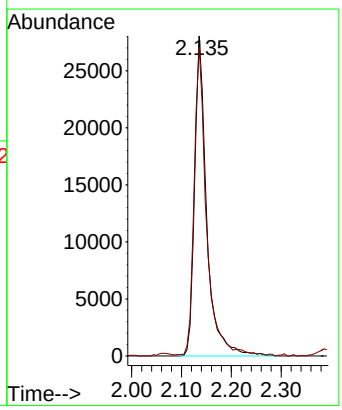


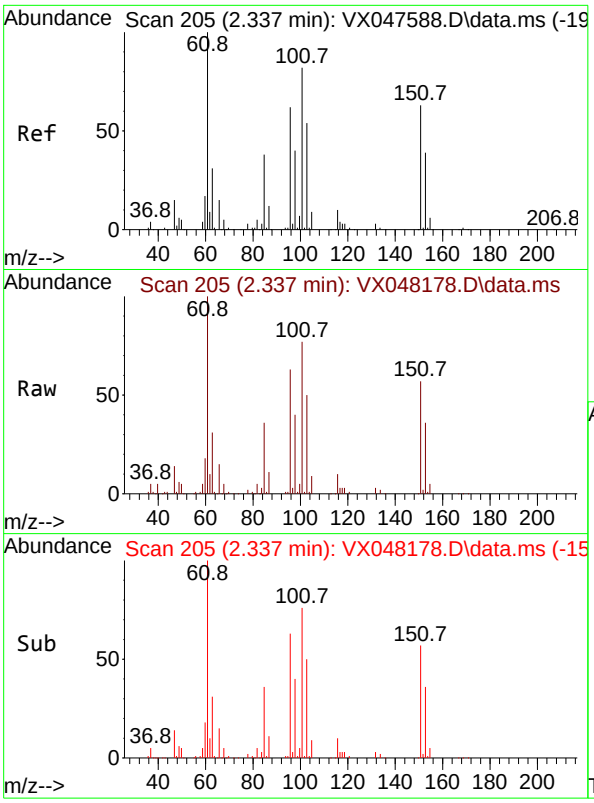


#8
Diethyl Ether
Concen: 53.167 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 74 Resp: 47384

Ion	Ratio	Lower	Upper
74	100		
45	98.0	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.754 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:101 Resp: 6975

Ion	Ratio	Lower	Upper
101	100		
85	44.6	35.5	53.3
151	72.9	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Manual Integrations
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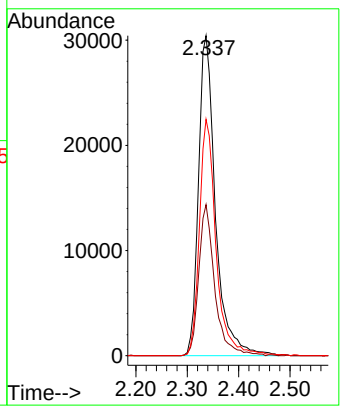
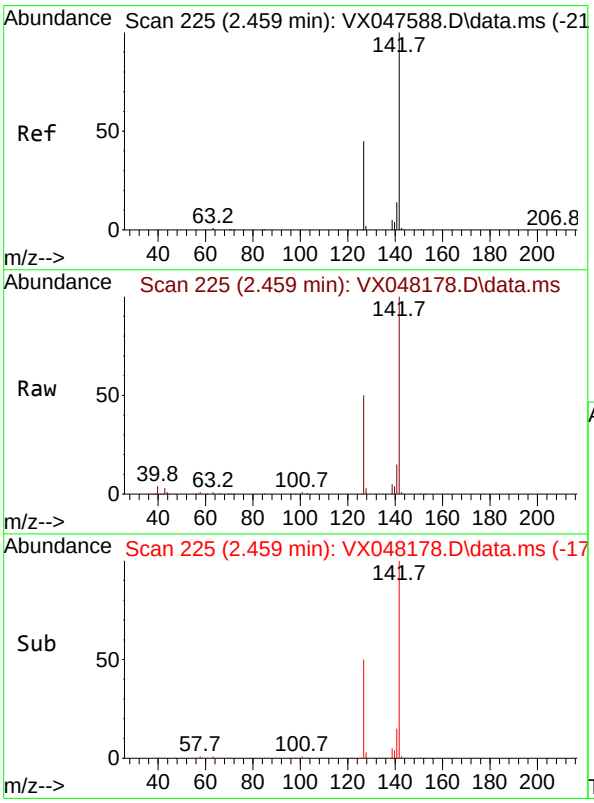
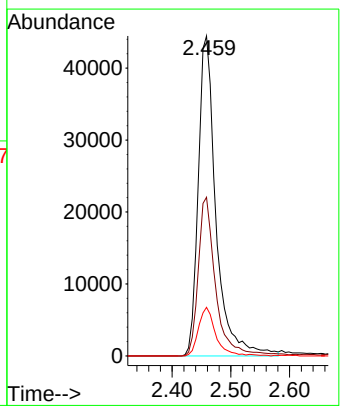


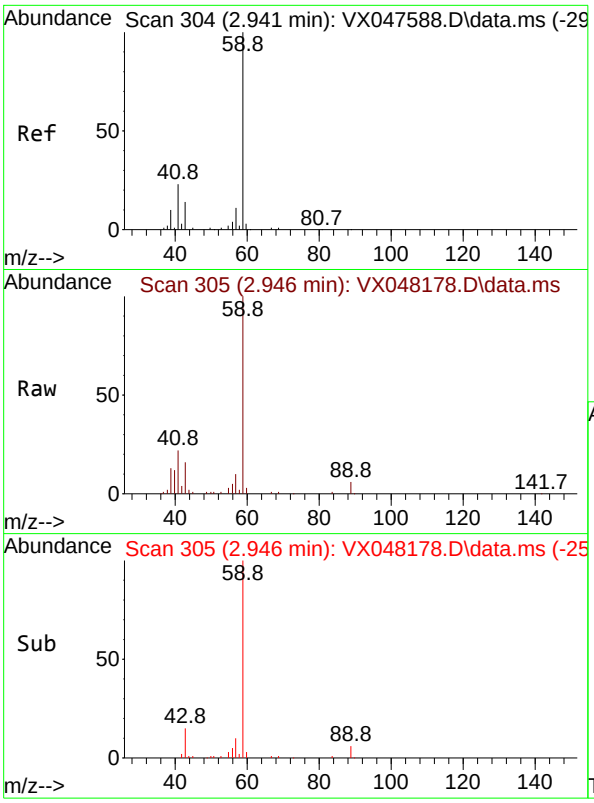


#10
Methyl Iodide
Concen: 47.016 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:142 Resp: 93414

Ion	Ratio	Lower	Upper
142	100		
127	48.8	37.2	55.8
141	14.9	11.4	17.0

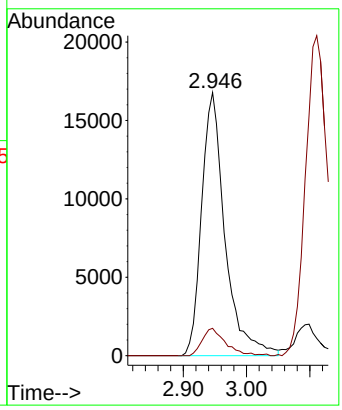




#11
Tert butyl alcohol
Concen: 220.985 ug/l
RT: 2.946 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 59 Resp: 4314

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
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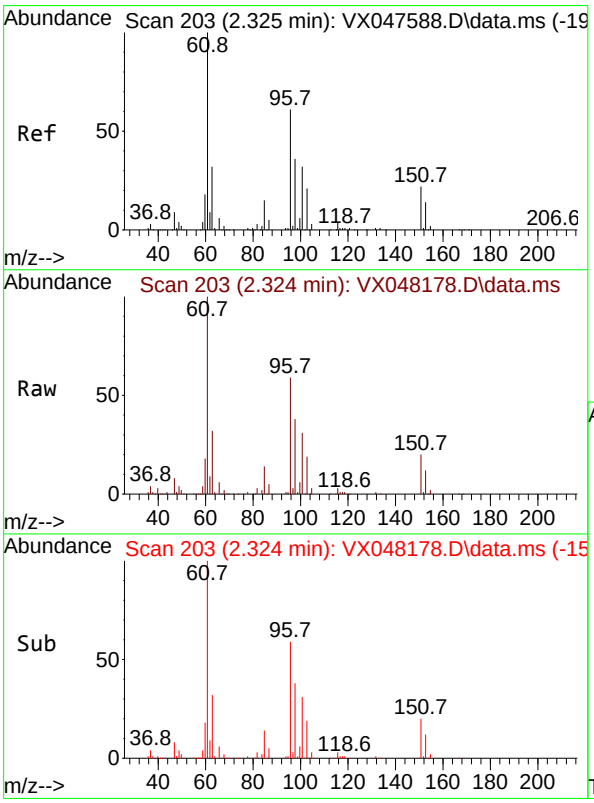
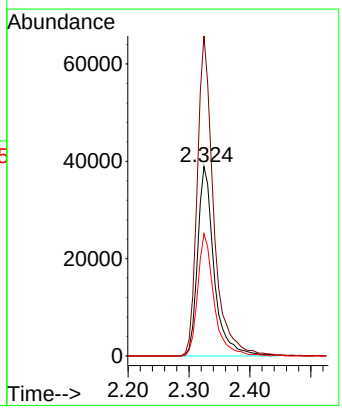
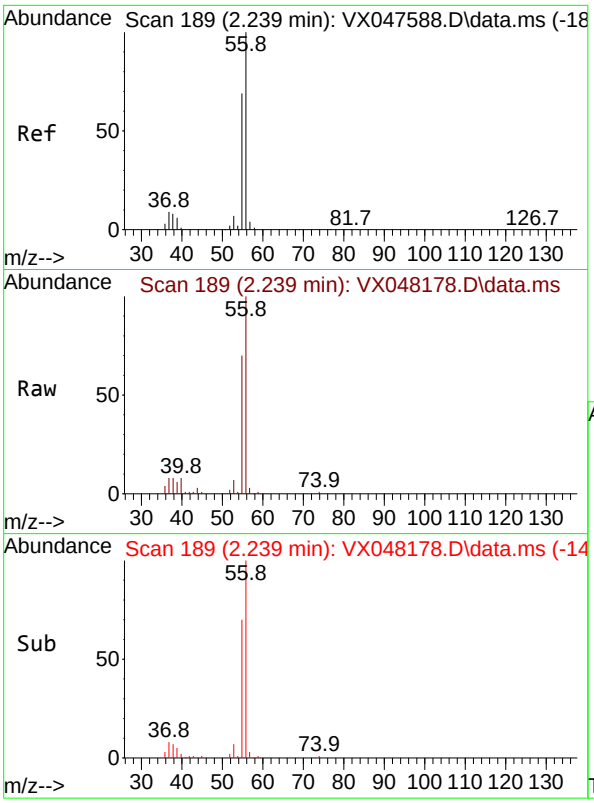


#12
1,1-Dichloroethene
Concen: 56.032 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 96 Resp: 73324

Ion	Ratio	Lower	Upper
96	100		
61	169.1	131.0	196.6
98	64.6	47.7	71.5

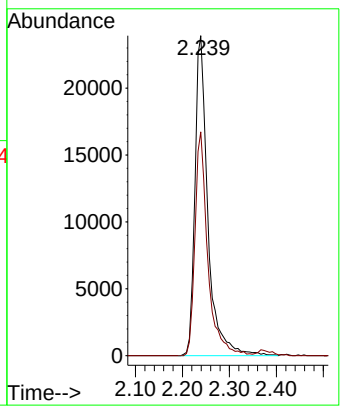




#13
Acrolein
Concen: 254.861 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 56 Resp: 4585

Ion	Ratio	Lower	Upper
56	100		
55	69.3	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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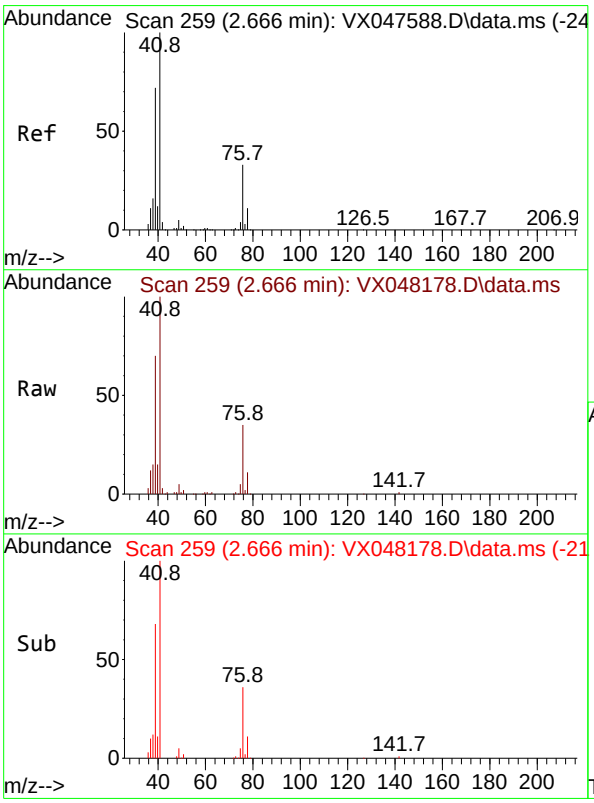
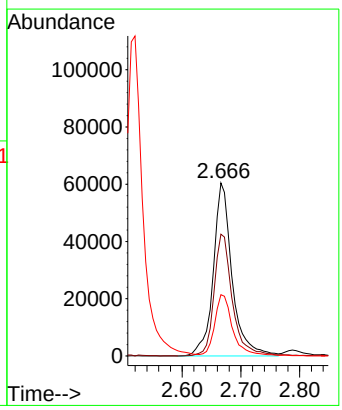
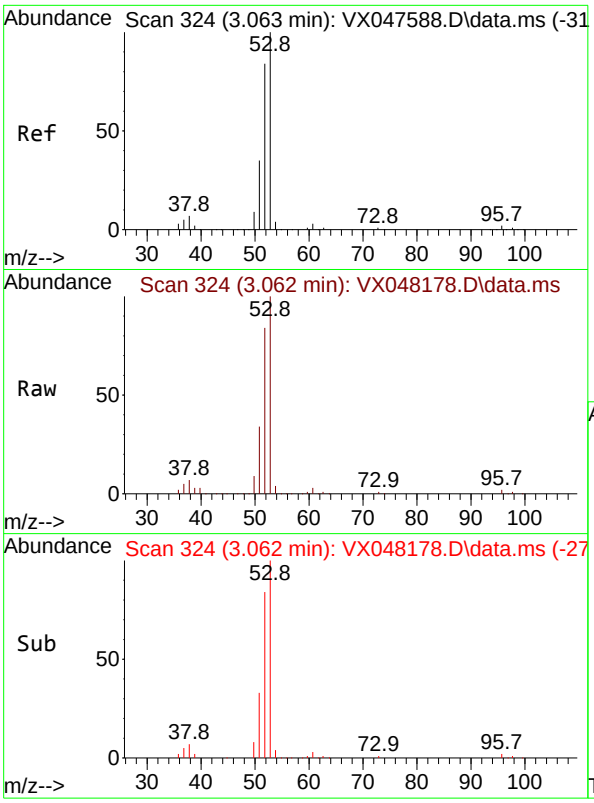


#14
Allyl chloride
Concen: 49.970 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 41 Resp: 134937

Ion	Ratio	Lower	Upper
41	100		
39	68.8	54.7	82.1
76	34.0	25.7	38.5

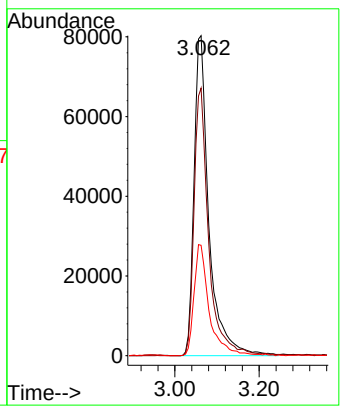




#15
Acrylonitrile
Concen: 272.304 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 53 Resp: 19694

Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.4	99.6
51	35.7	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Manual Integrations
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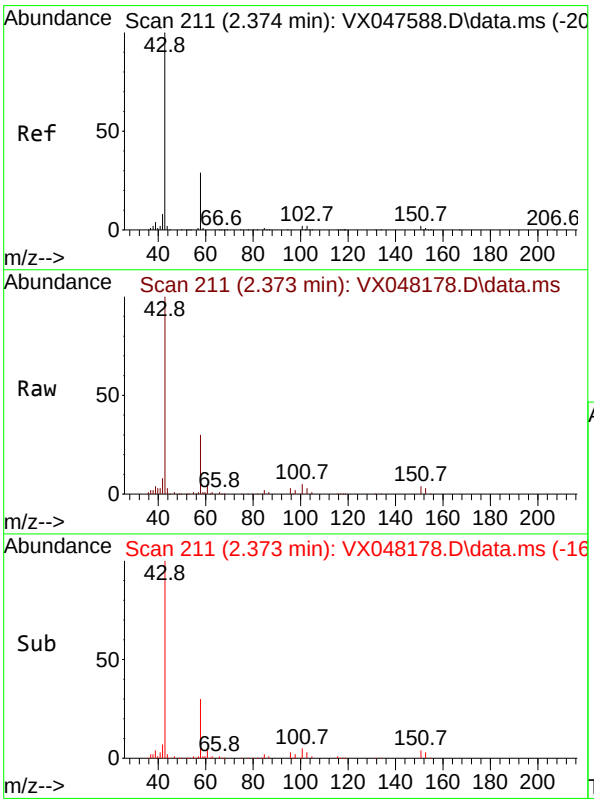
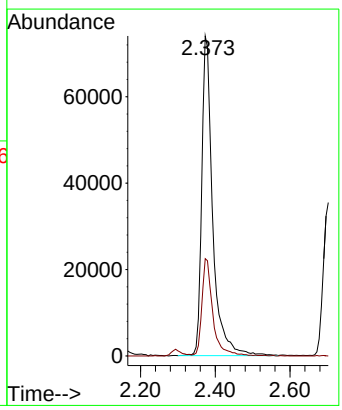
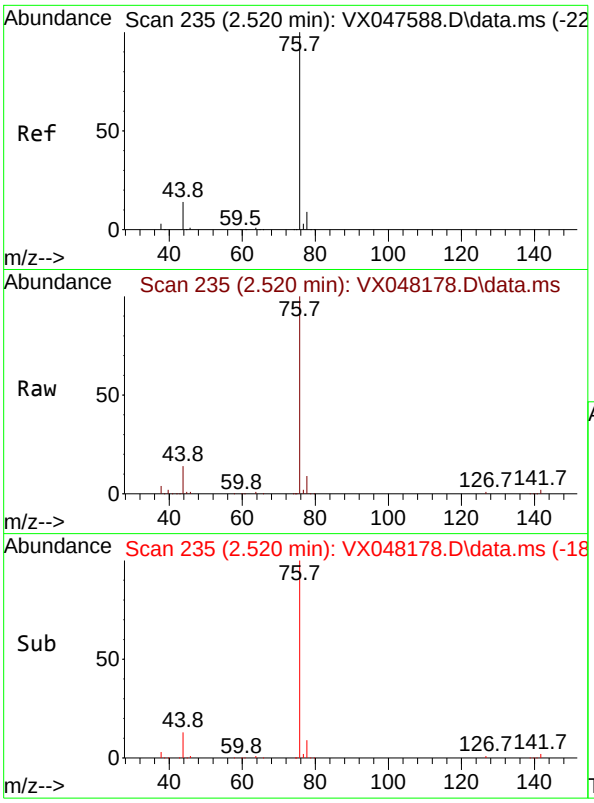


#16
Acetone
Concen: 197.900 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 150857

Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.4	35.0

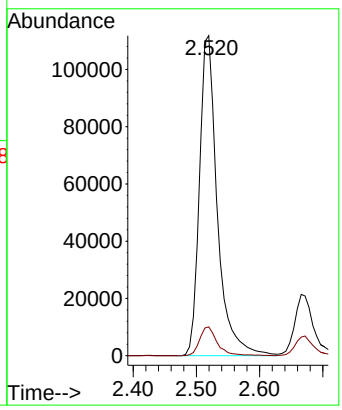




#17
Carbon Disulfide
Concen: 61.506 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 76 Resp: 22034

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
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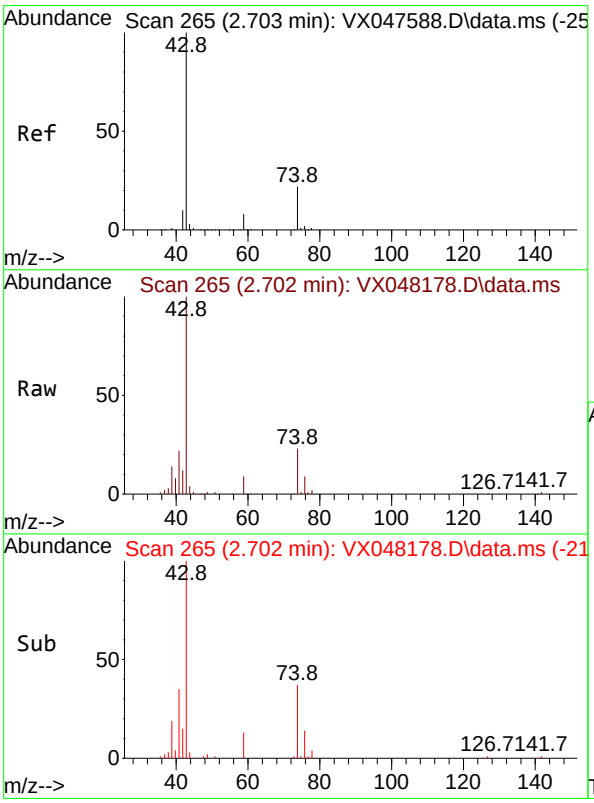
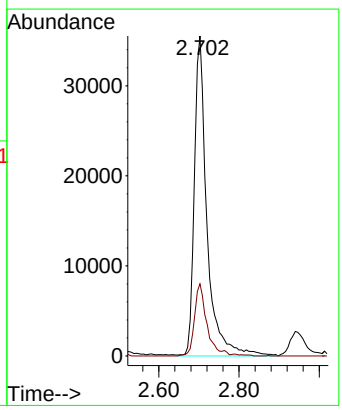
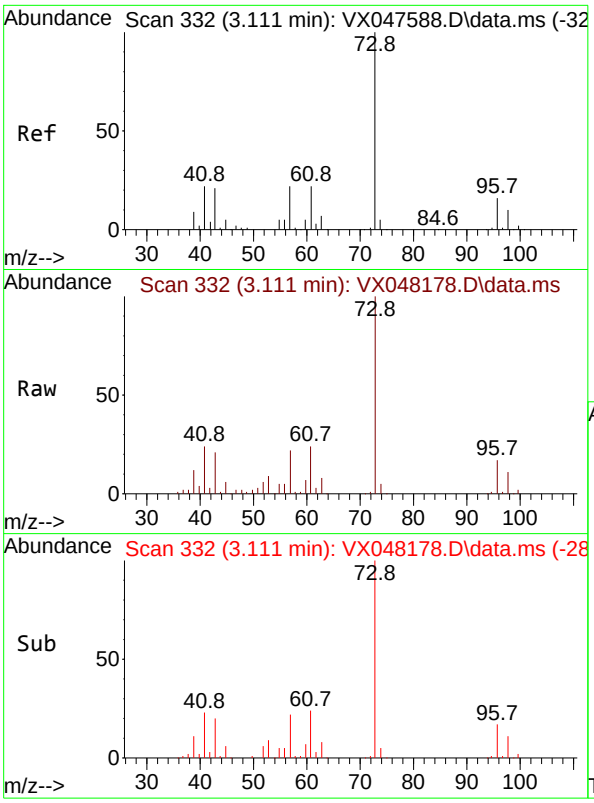


#18
Methyl Acetate
Concen: 45.713 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 77550

Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.4	26.2

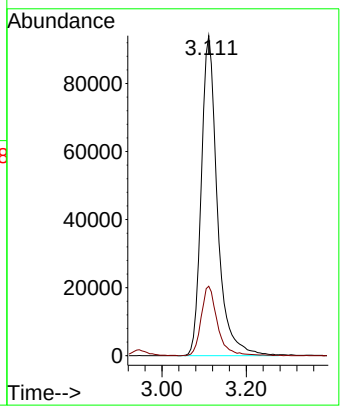




#19
Methyl tert-butyl Ether
Concen: 52.338 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 73 Resp: 25001

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
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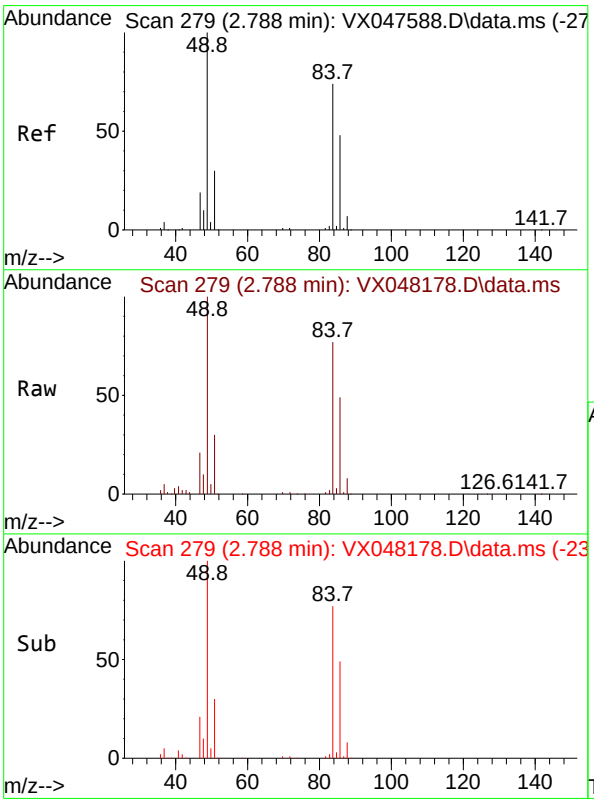
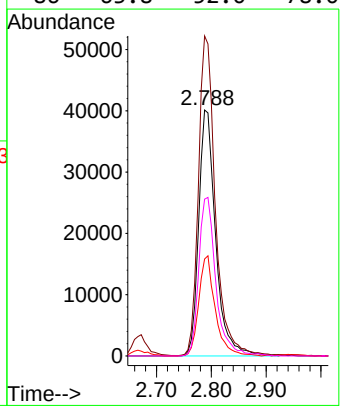
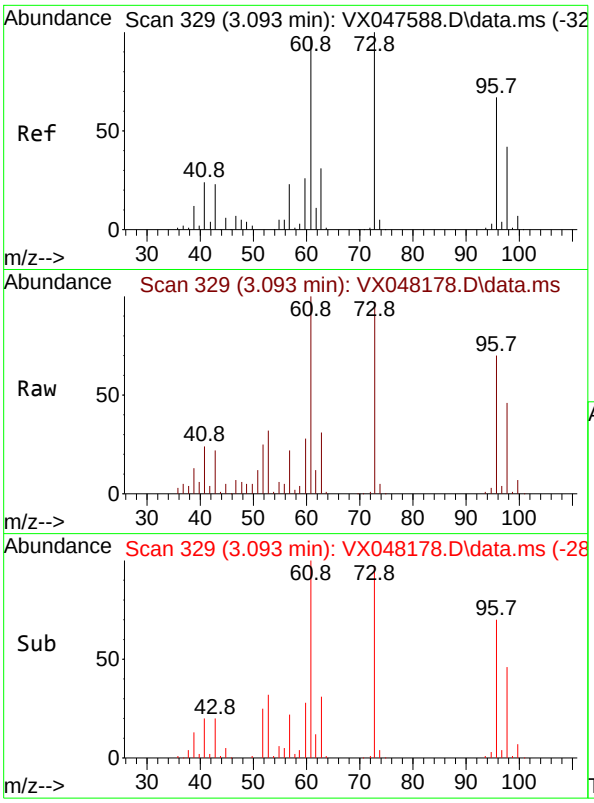


#20
Methylene Chloride
Concen: 53.573 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 84 Resp: 86444

Ion	Ratio	Lower	Upper
84	100		
49	129.9	108.6	162.8
51	39.5	32.6	48.8
86	63.8	52.0	78.0

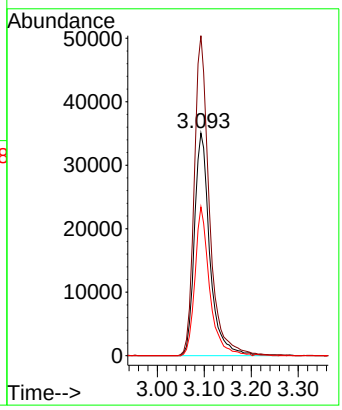




#21
trans-1,2-Dichloroethene
Concen: 56.914 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 96 Resp: 8018

Ion	Ratio	Lower	Upper
96	100		
61	143.8	116.2	174.2
98	66.8	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
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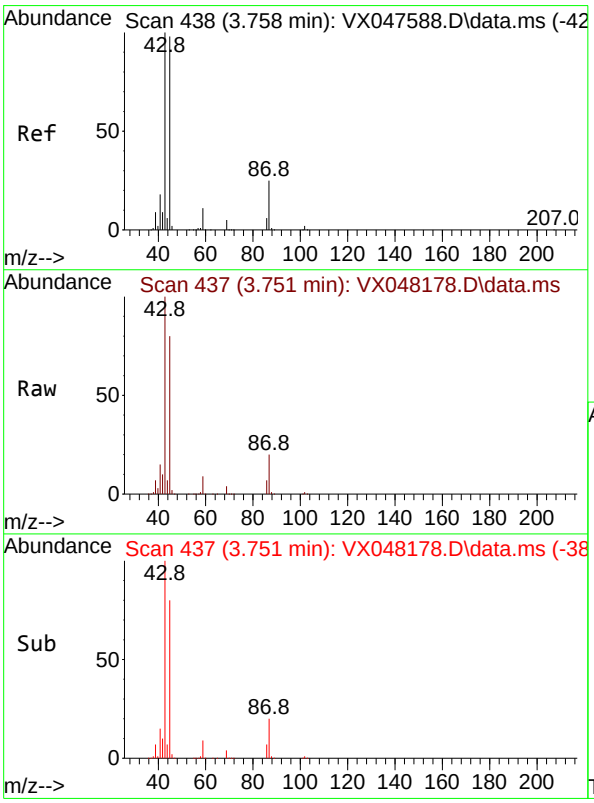
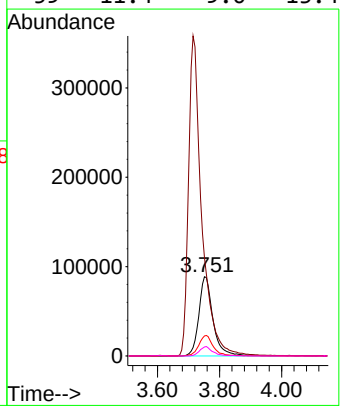
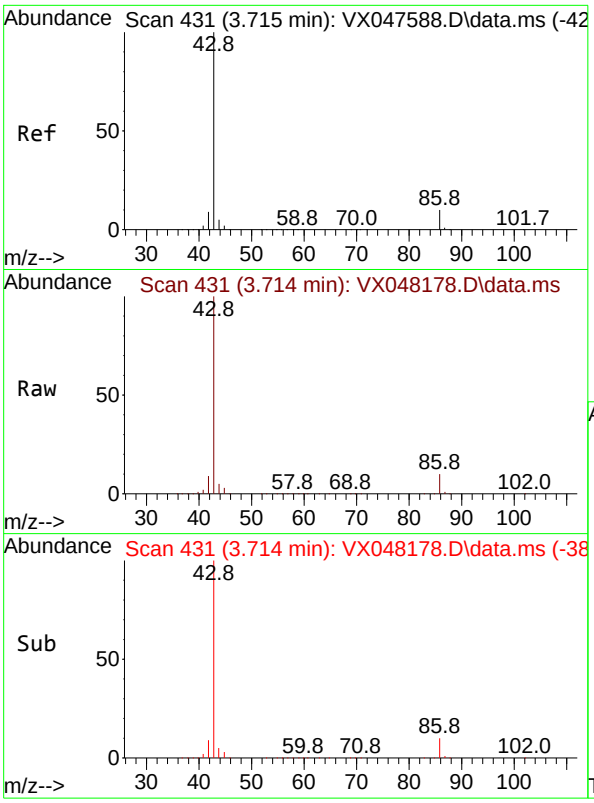


#22
Diisopropyl ether
Concen: 53.734 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 45 Resp: 281208

Ion	Ratio	Lower	Upper
45	100		
43	124.1	81.0	121.4#
87	25.3	20.3	30.5
59	11.4	9.0	13.4





#23
Vinyl Acetate
Concen: 255.058 ug/l
RT: 3.714 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 106830

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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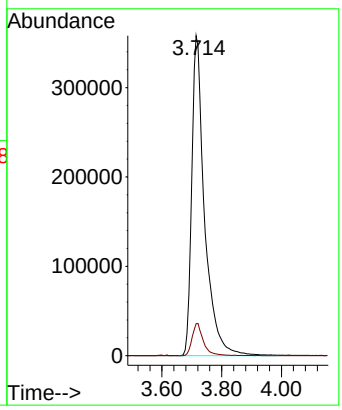
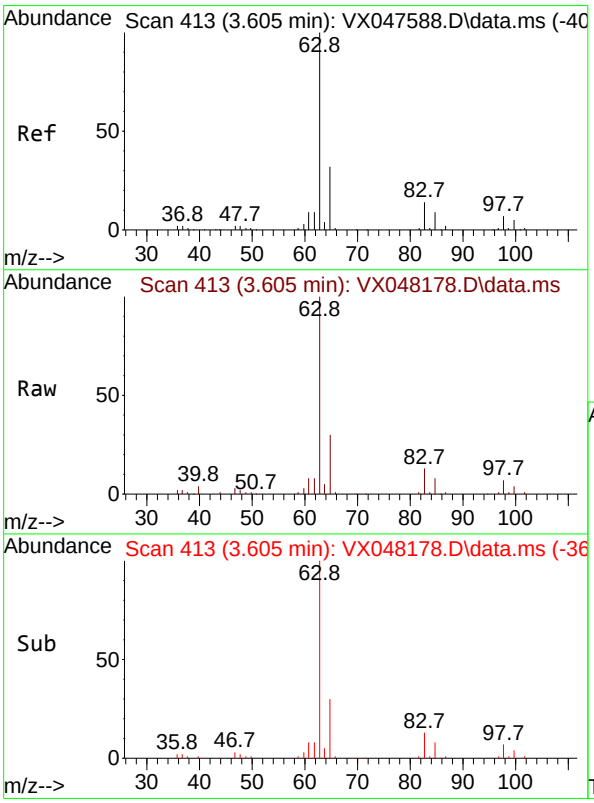
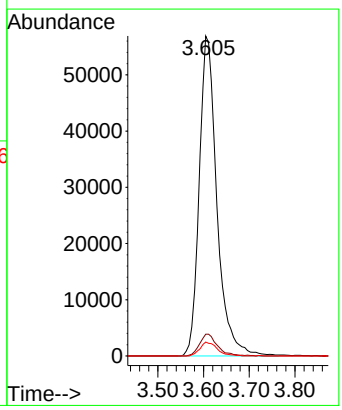


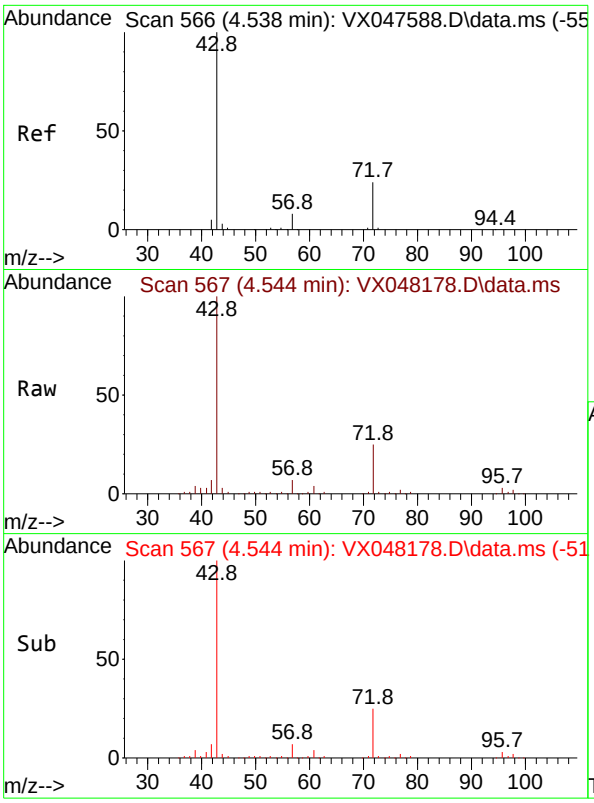


#24
1,1-Dichloroethane
Concen: 54.931 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 63 Resp: 152793

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.8	11.2
100	4.3	2.3	6.9

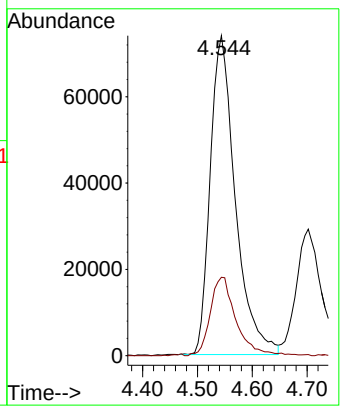




#25
2-Butanone
Concen: 247.899 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 23571

Ion	Ratio	Lower	Upper
43	100		
72	24.3	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
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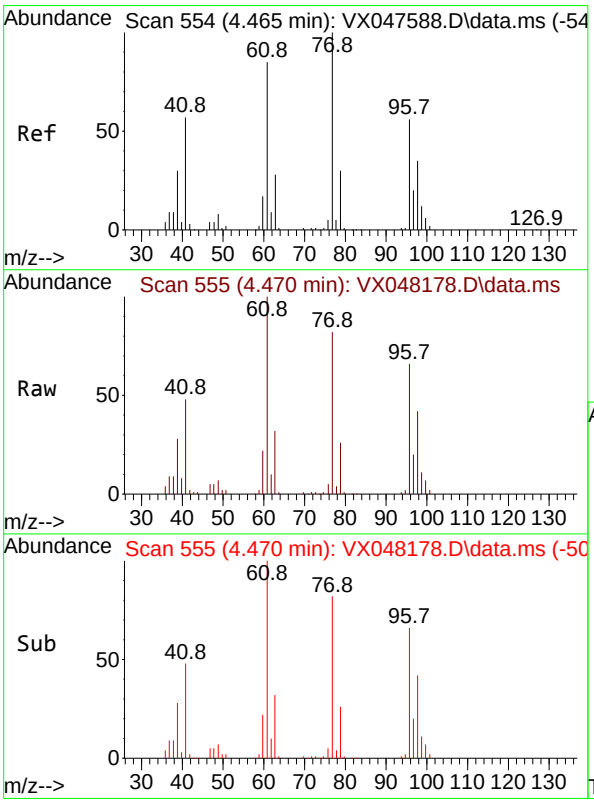
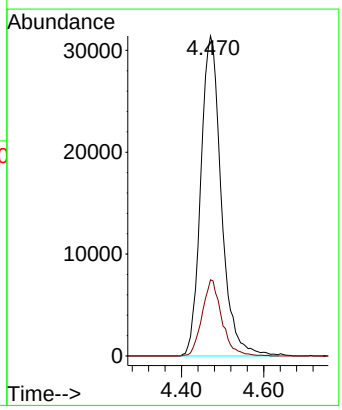
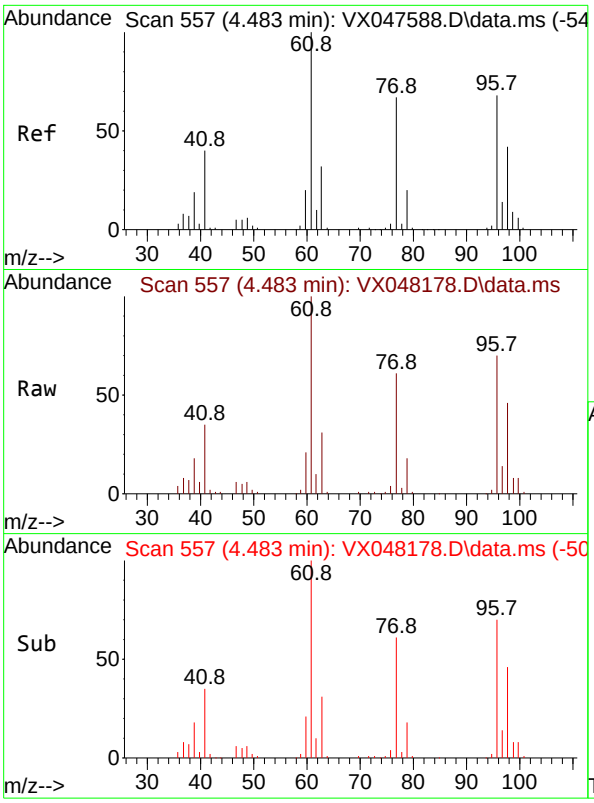


#26
2,2-Dichloropropane
Concen: 47.053 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 77 Resp: 108795

Ion	Ratio	Lower	Upper
77	100		
97	22.8	10.9	32.7

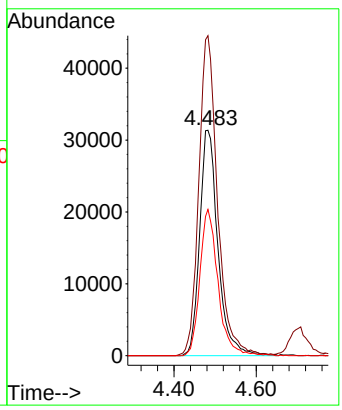




#27
cis-1,2-Dichloroethene
Concen: 56.045 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 96 Resp: 9670

Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	303.2
98	64.5	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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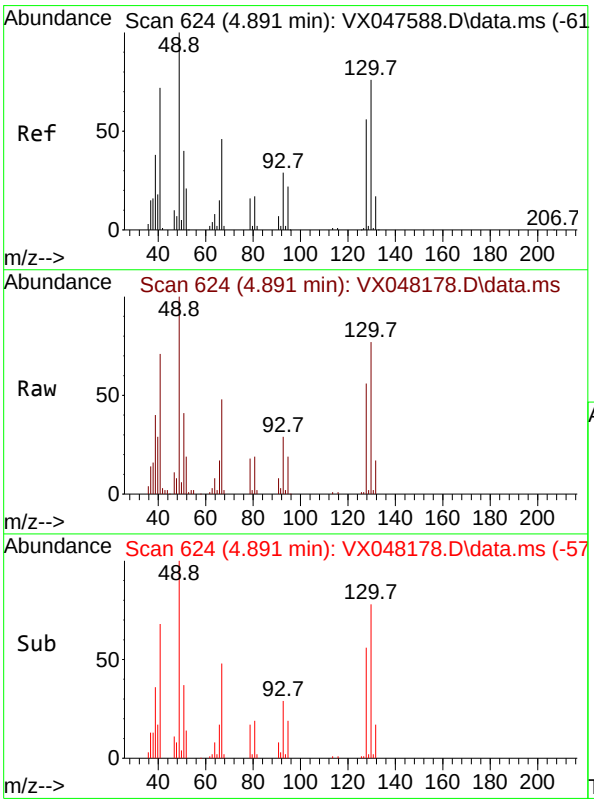
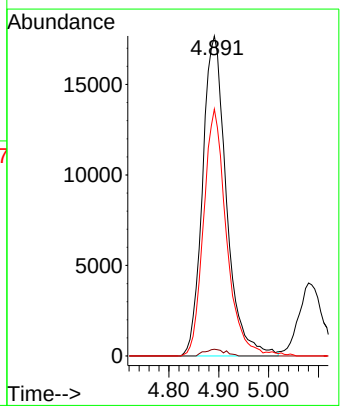
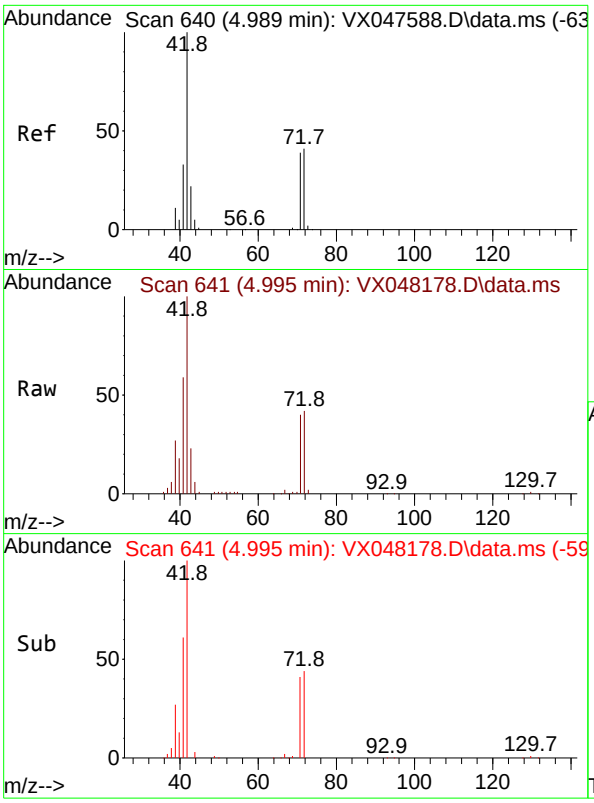


#28
Bromochloromethane
Concen: 48.393 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 49 Resp: 58766

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	73.7	57.8	86.8

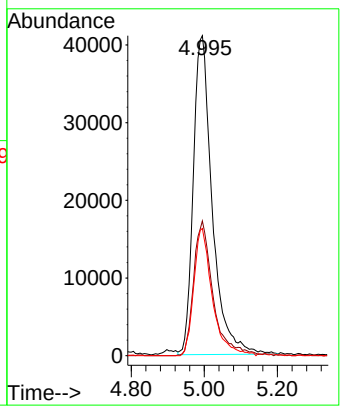




#29
Tetrahydrofuran
Concen: 259.210 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 42 Resp: 14827

Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.2
71	39.0	31.9	47.9



Instrument :
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ClientSampleId :
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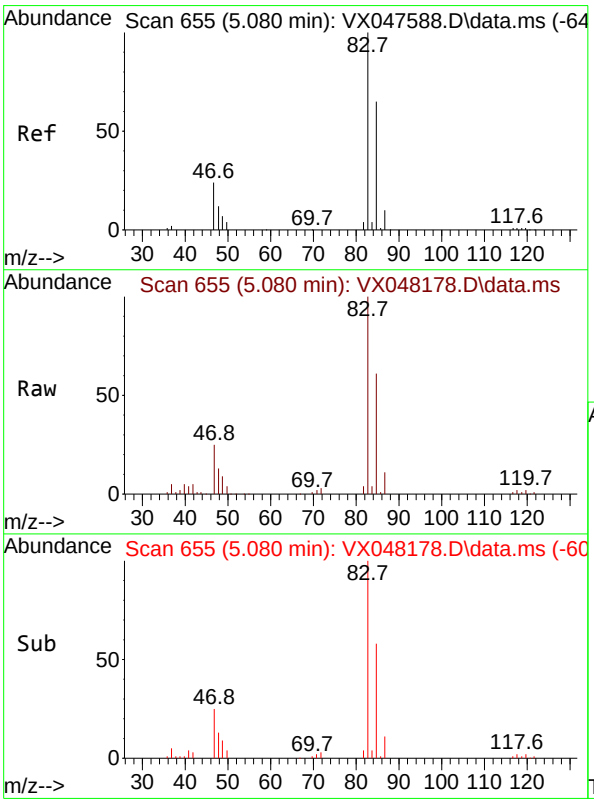
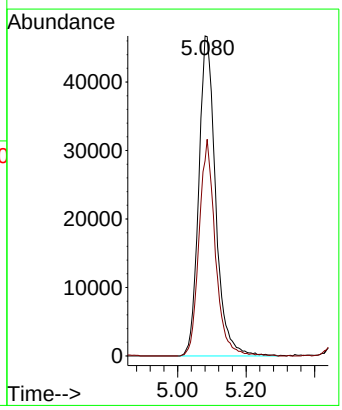
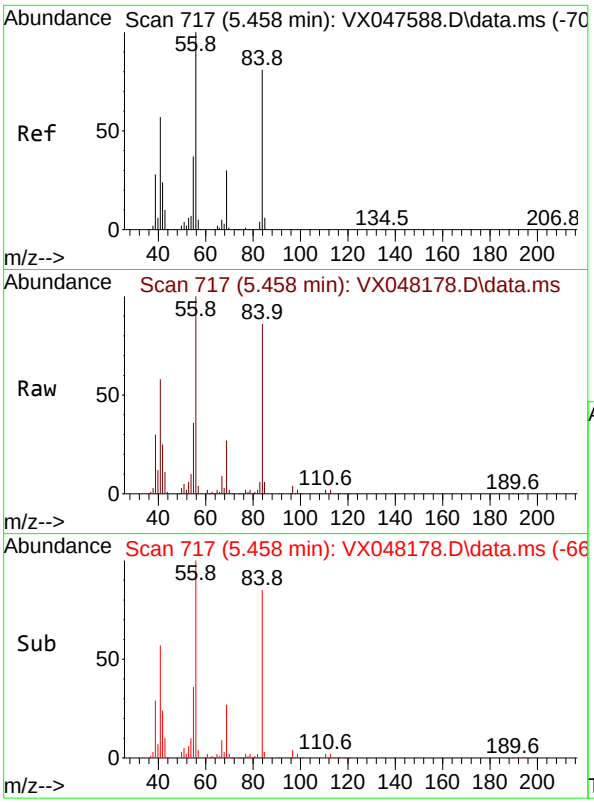


#30
Chloroform
Concen: 57.002 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 83 Resp: 160224

Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.8	77.6

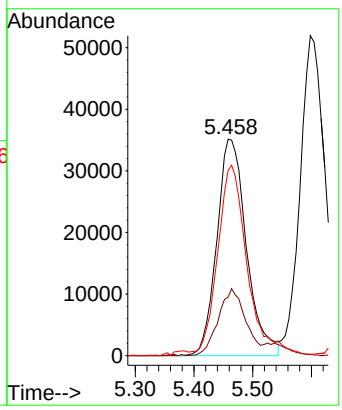




#31
Cyclohexane
Concen: 53.043 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 56 Resp: 12288

Ion	Ratio	Lower	Upper
56	100		
69	26.5	23.8	35.8
84	83.4	64.6	97.0



Instrument :
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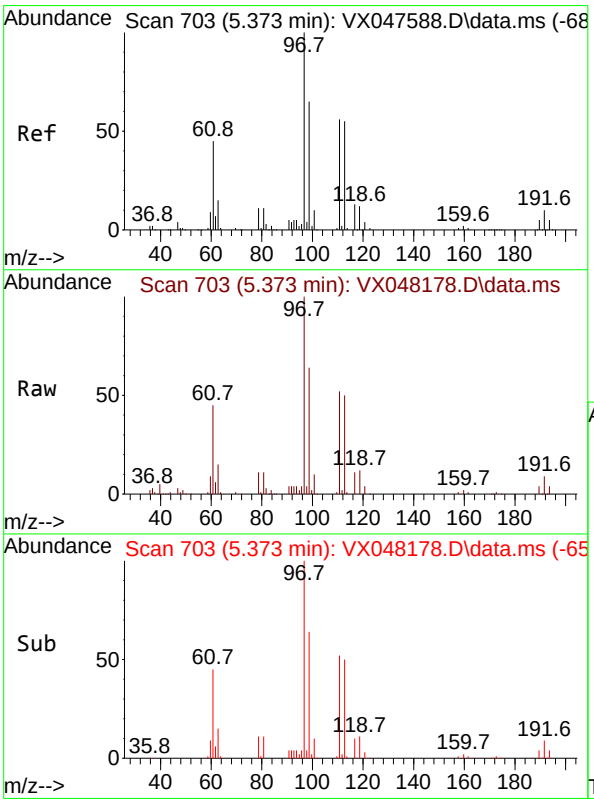
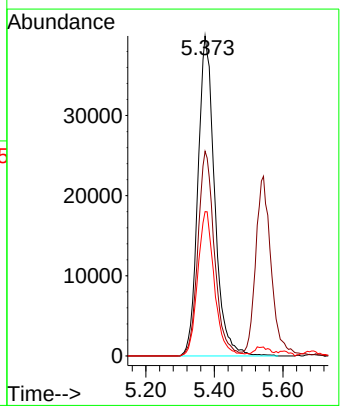
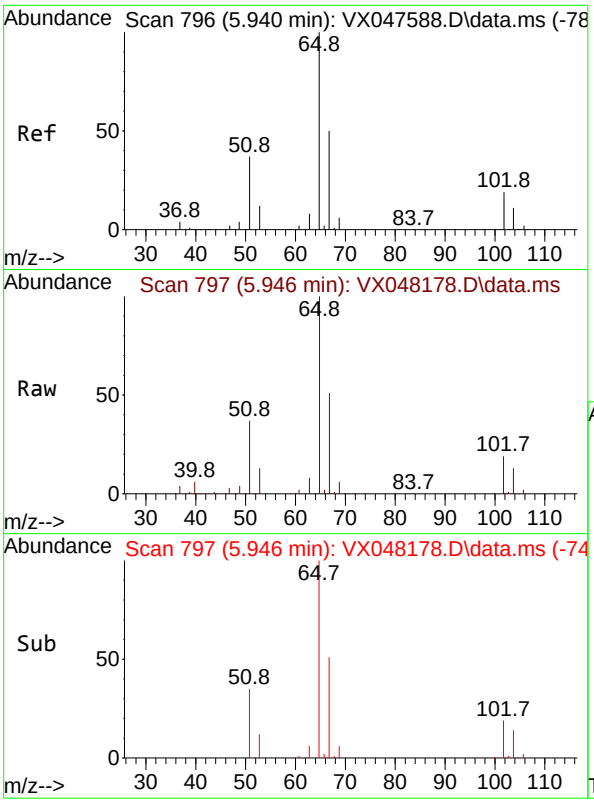


#32
1,1,1-Trichloroethane
Concen: 56.869 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 97 Resp: 135586

Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.6	76.0
61	45.3	35.8	53.8

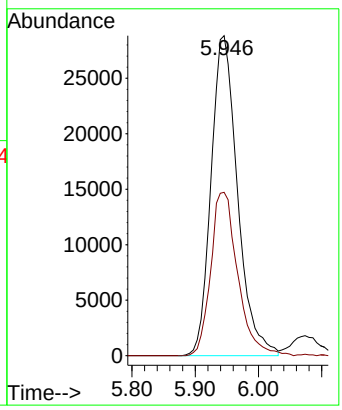




#33
1,2-Dichloroethane-d4
Concen: 47.743 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 65 Resp: 8370

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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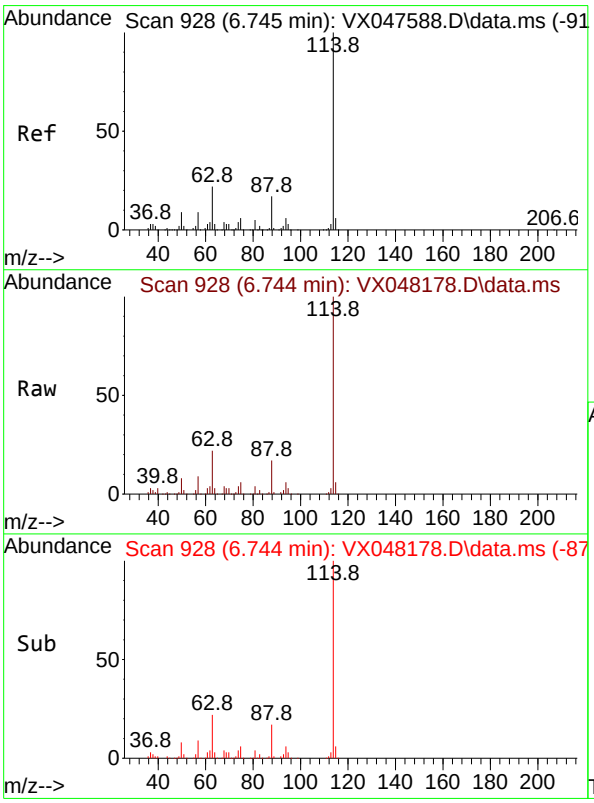
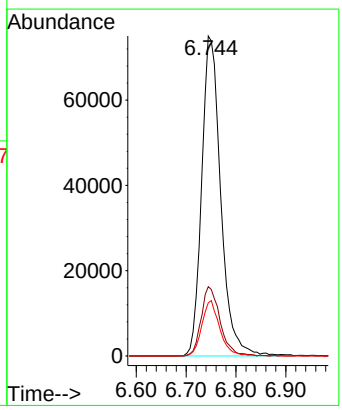
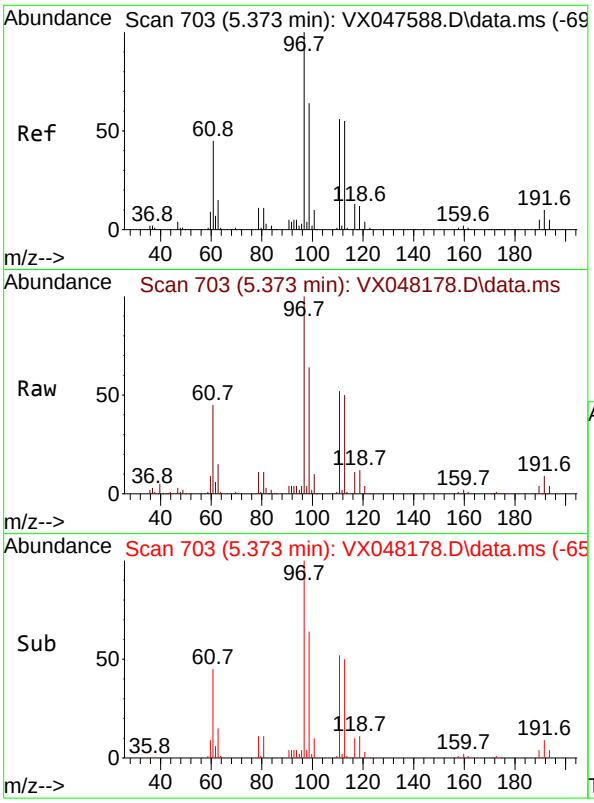


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:114 Resp: 199465

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	44.0
88	16.6	0.0	34.2

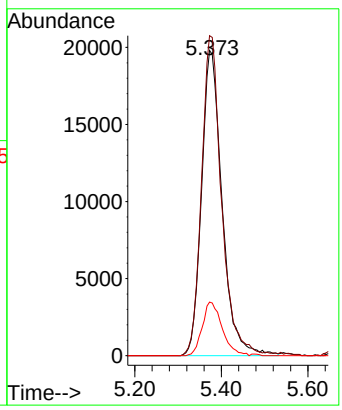




#35
Dibromofluoromethane
Concen: 48.796 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:113 Resp: 6527

Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.9	121.3
192	17.0	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Manual Integrations
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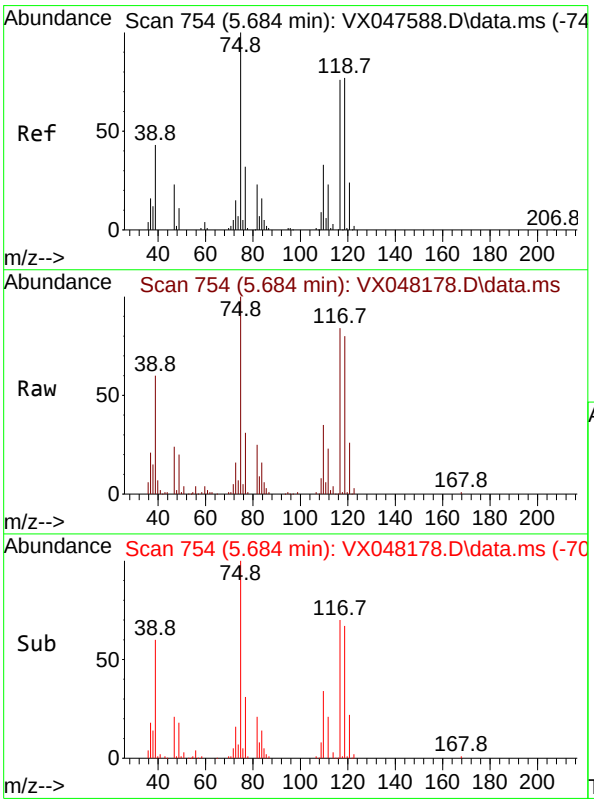
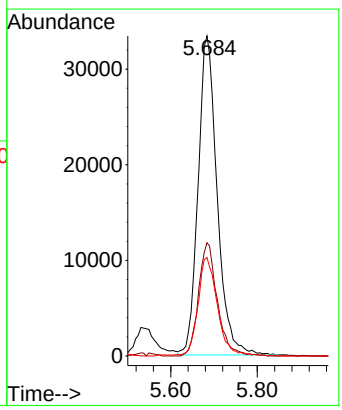
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

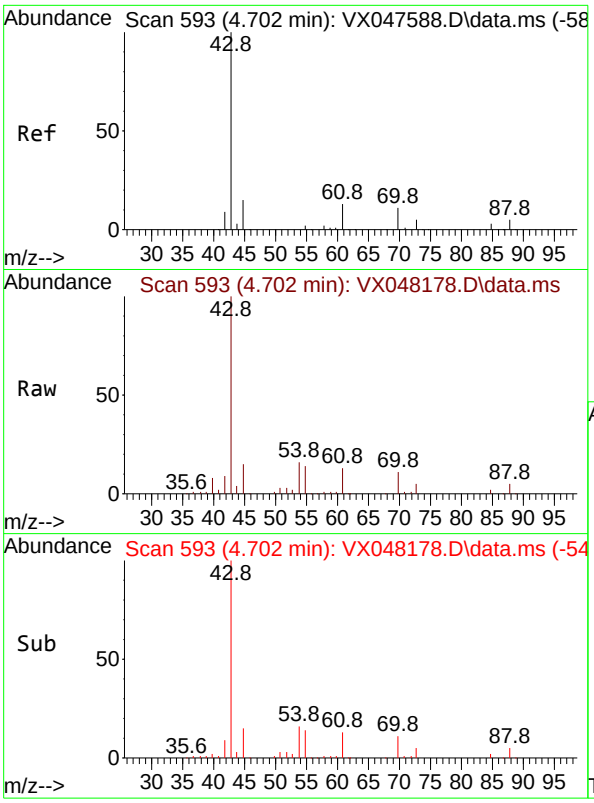


#36
1,1-Dichloropropene
Concen: 52.234 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 75 Resp: 102103

Ion	Ratio	Lower	Upper
75	100		
110	35.0	16.7	50.1
77	31.4	24.3	36.5

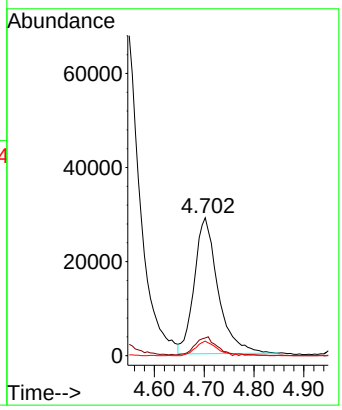




#37
Ethyl Acetate
Concen: 45.580 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 9539

Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.8	14.8
70	9.2	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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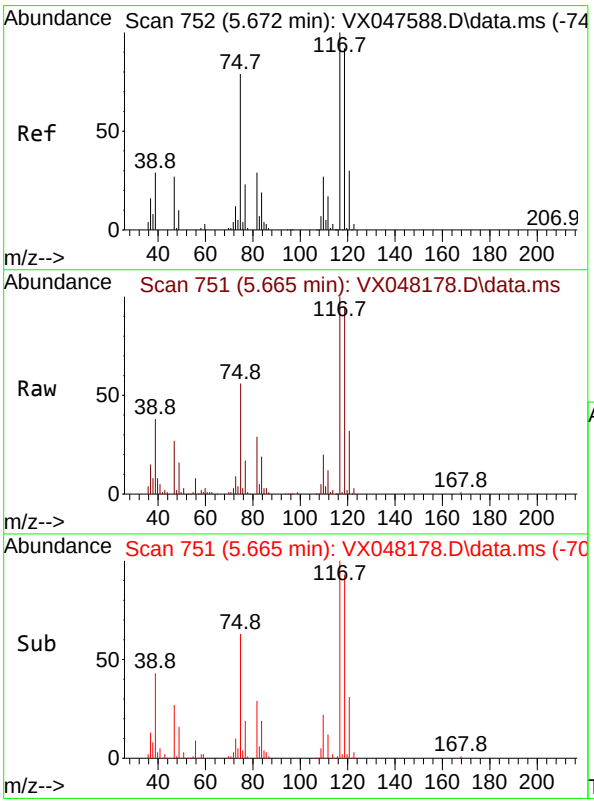
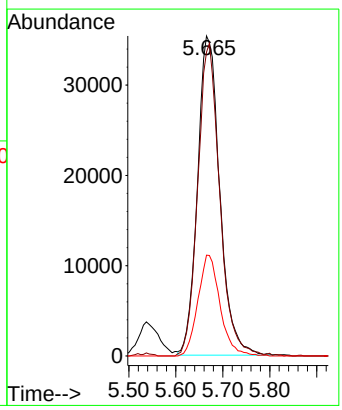
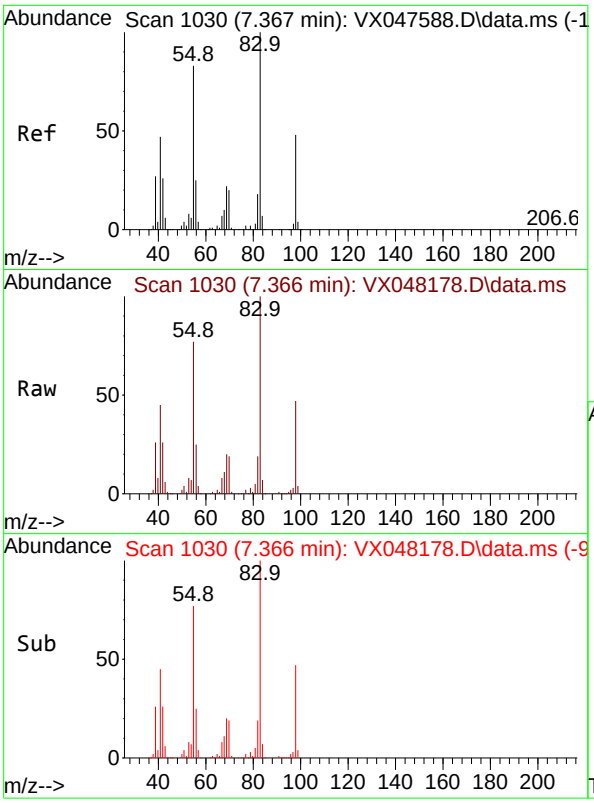


#38
Carbon Tetrachloride
Concen: 54.915 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:117 Resp: 116631

Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.4	110.2
121	31.6	23.8	35.6

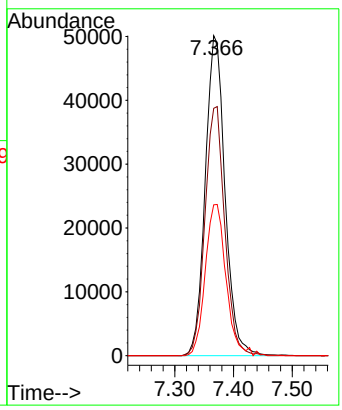




#39
Methylcyclohexane
Concen: 52.845 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 83 Resp: 11725

Ion	Ratio	Lower	Upper
83	100		
55	77.3	66.4	99.6
98	47.2	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
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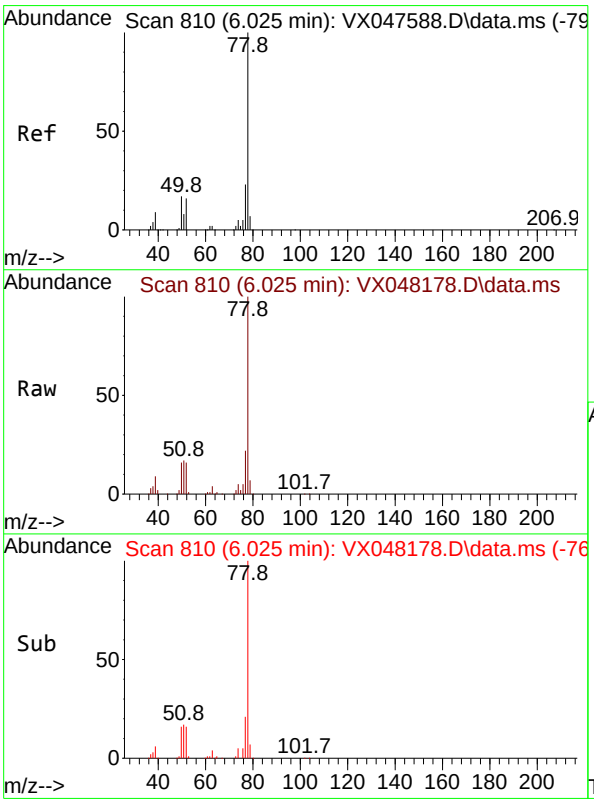
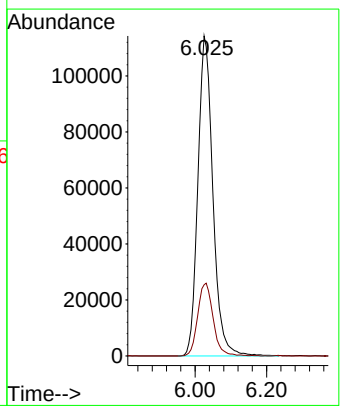
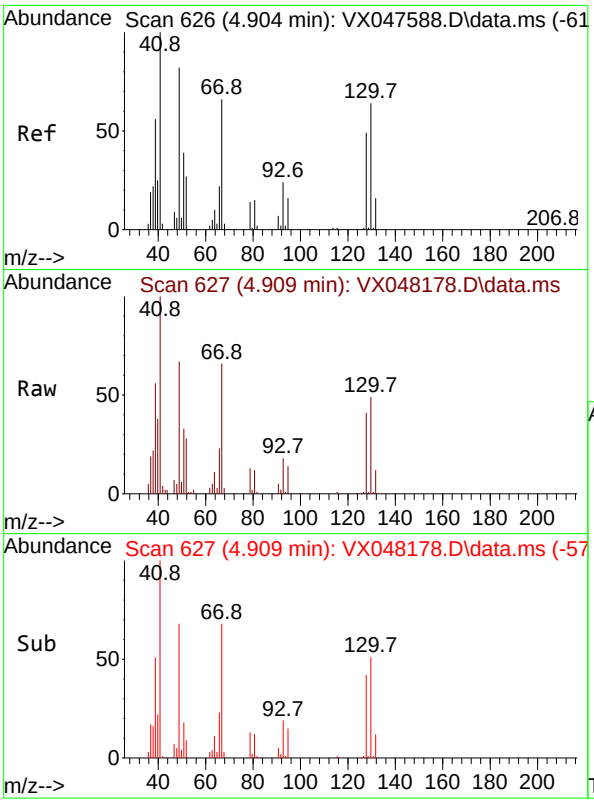


#40
Benzene
Concen: 56.013 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 78 Resp: 332549

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.8	28.2

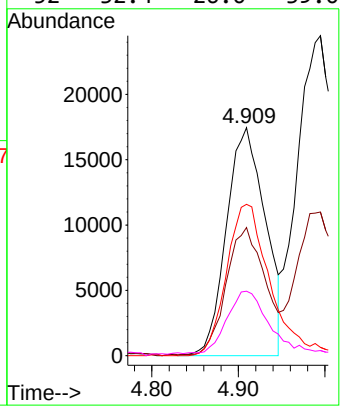




#41
Methacrylonitrile
Concen: 50.438 ug/l
RT: 4.909 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 41 Resp: 5449

Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.3	64.9
67	74.2	58.6	87.8
52	32.4	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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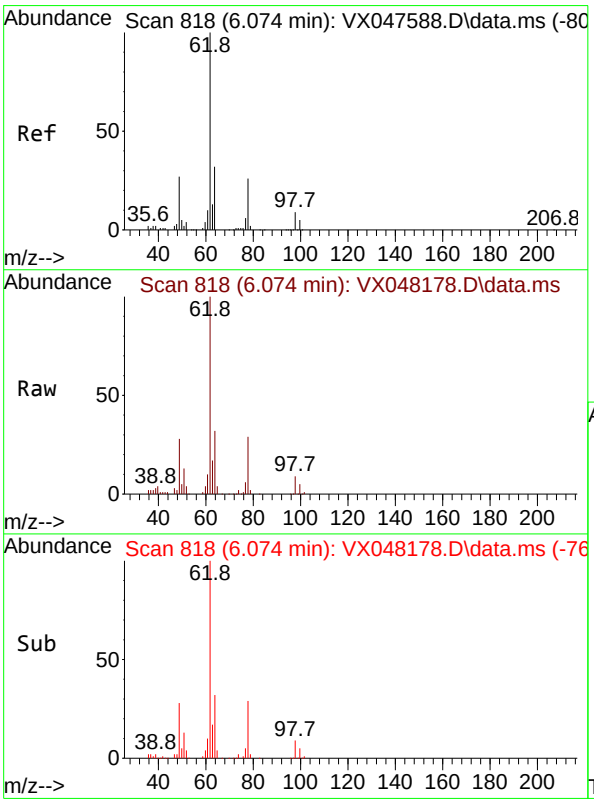
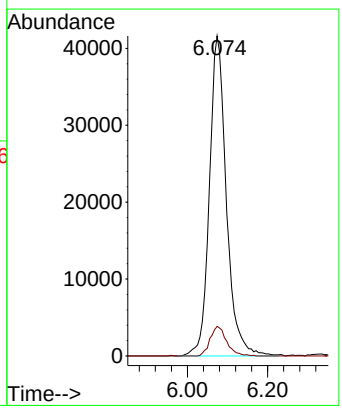
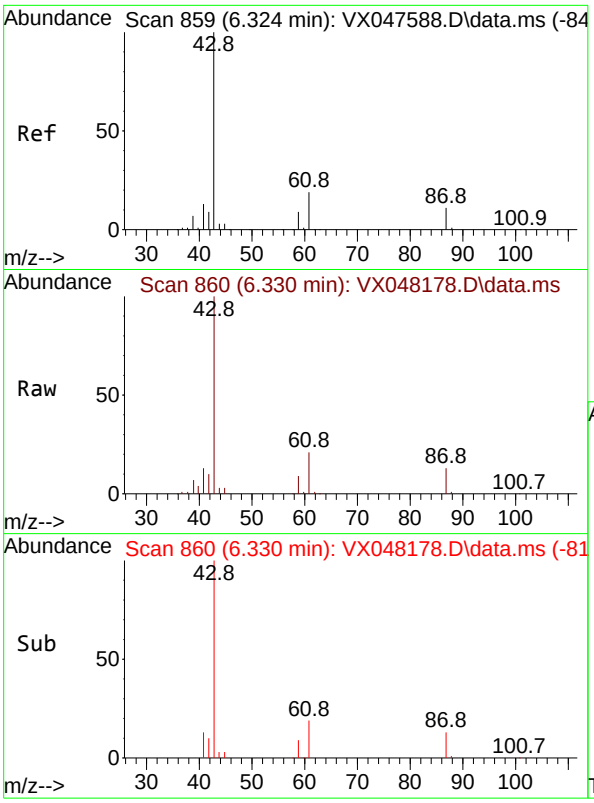


#42
1,2-Dichloroethane
Concen: 54.181 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 62 Resp: 122393

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.0

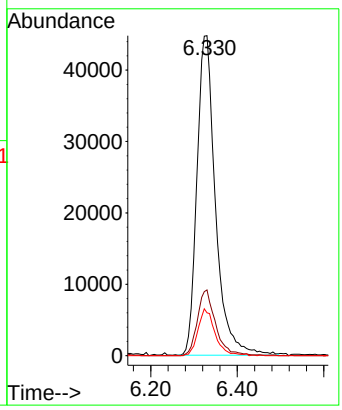




#43
Isopropyl Acetate
Concen: 38.874 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 13343

Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.2	22.8
87	13.5	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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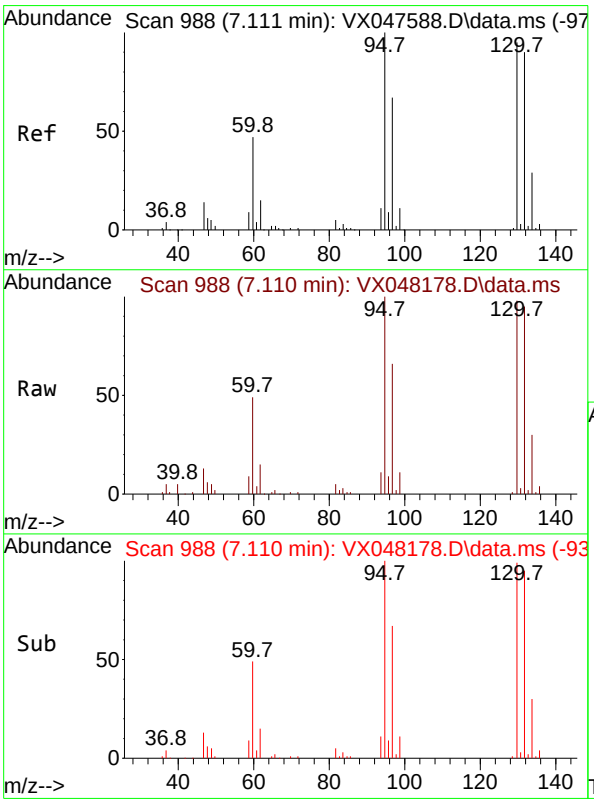
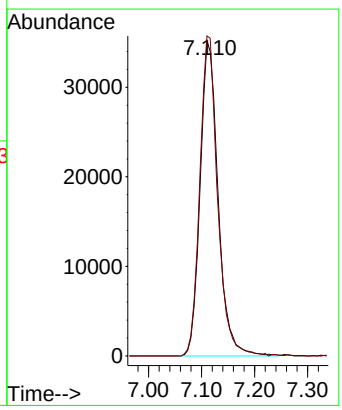
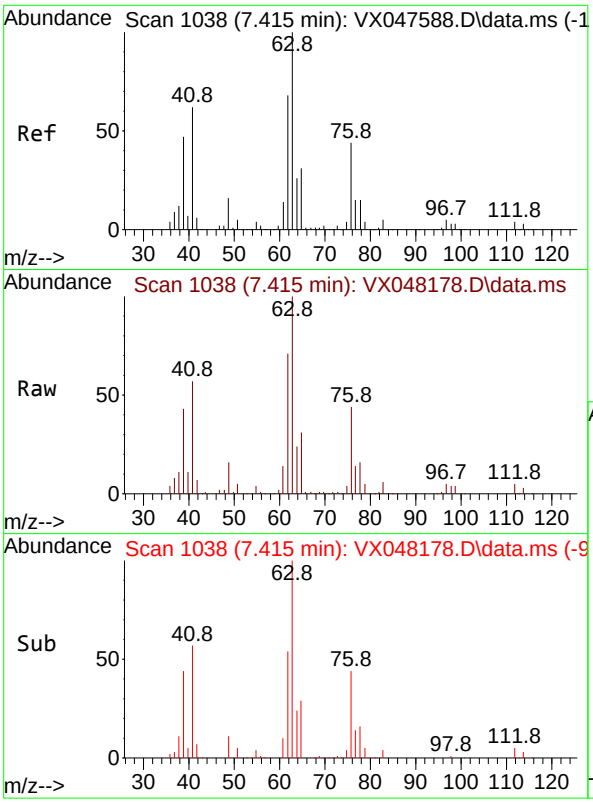


#44
Trichloroethene
Concen: 57.656 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:130 Resp: 82756

Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	210.8

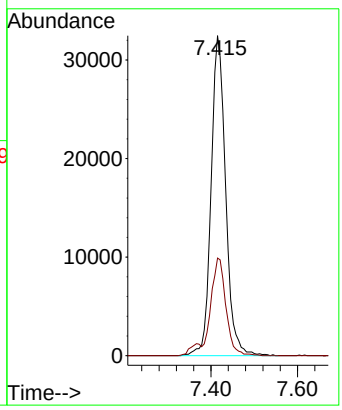




#45
1,2-Dichloropropane
Concen: 49.809 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 63 Resp: 7572

Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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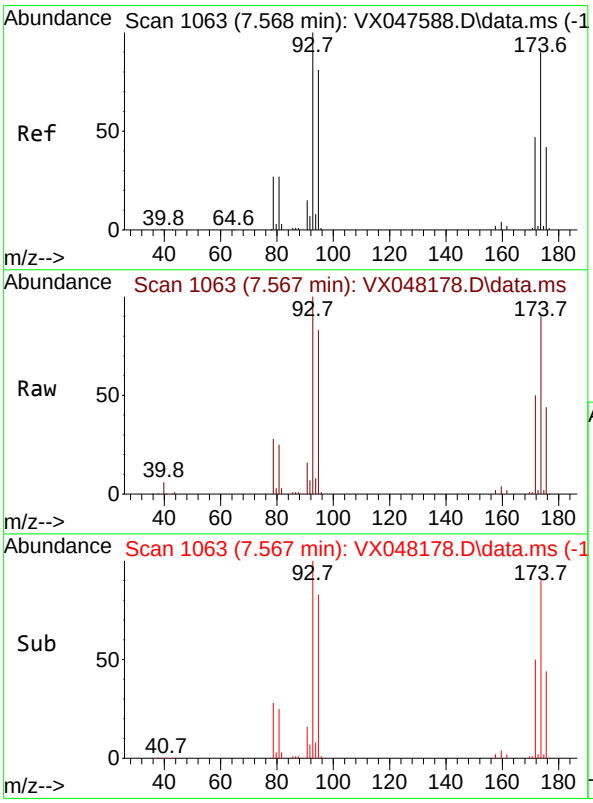
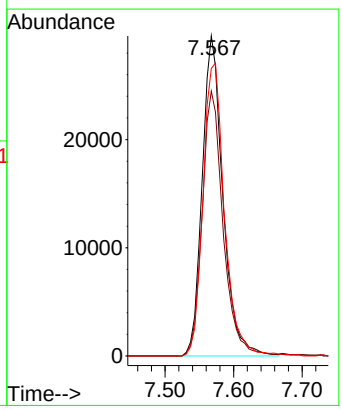
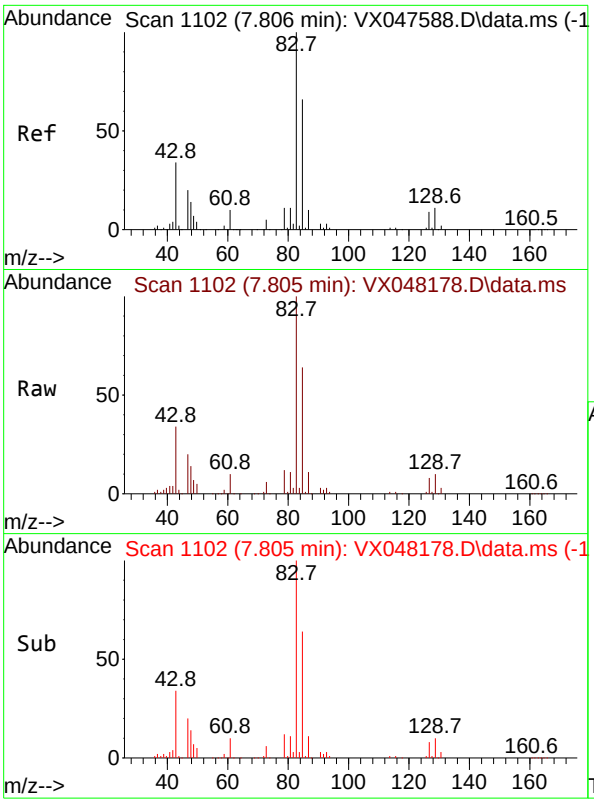


#46
Dibromomethane
Concen: 56.128 ug/l
RT: 7.567 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 93 Resp: 62094

Ion	Ratio	Lower	Upper
93	100		
95	84.0	65.0	97.6
174	95.2	71.6	107.4

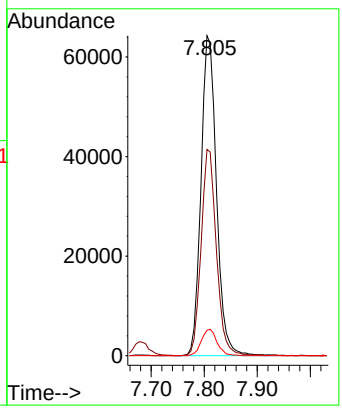




#47
Bromodichloromethane
Concen: 57.011 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 83 Resp: 13015

Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.5	78.7
127	7.9	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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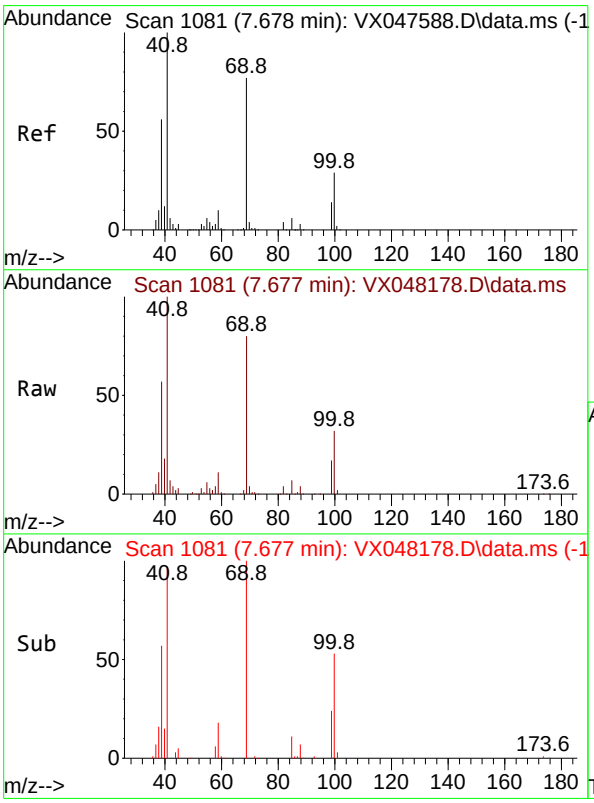
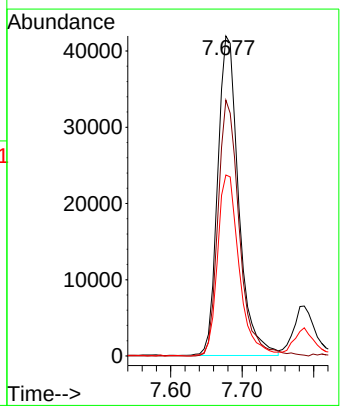
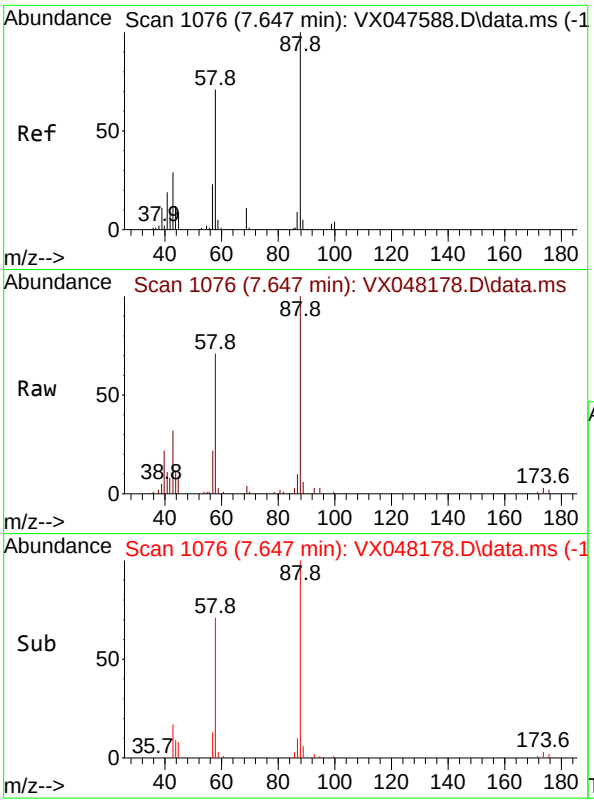


#48
Methyl methacrylate
Concen: 49.961 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 41 Resp: 85423

Ion	Ratio	Lower	Upper
41	100		
69	81.2	61.4	92.2
39	58.9	45.8	68.6





#49
1,4-Dioxane
Concen: 1162.772 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 88 Resp: 2009

Ion	Ratio	Lower	Upper
88	100		
43	42.5	30.2	45.2
58	73.6	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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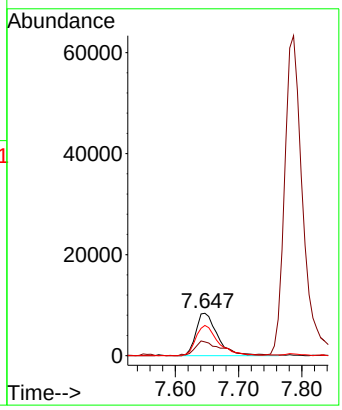
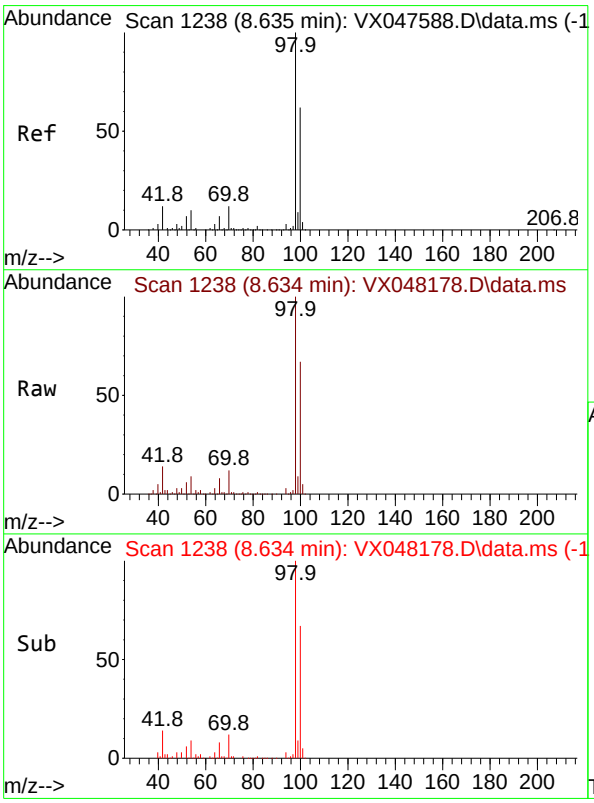
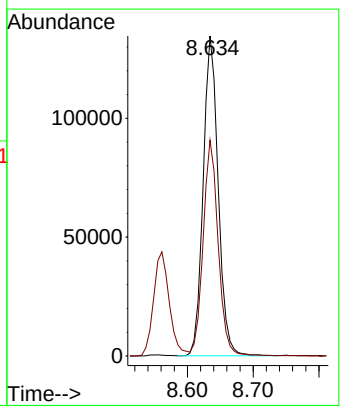


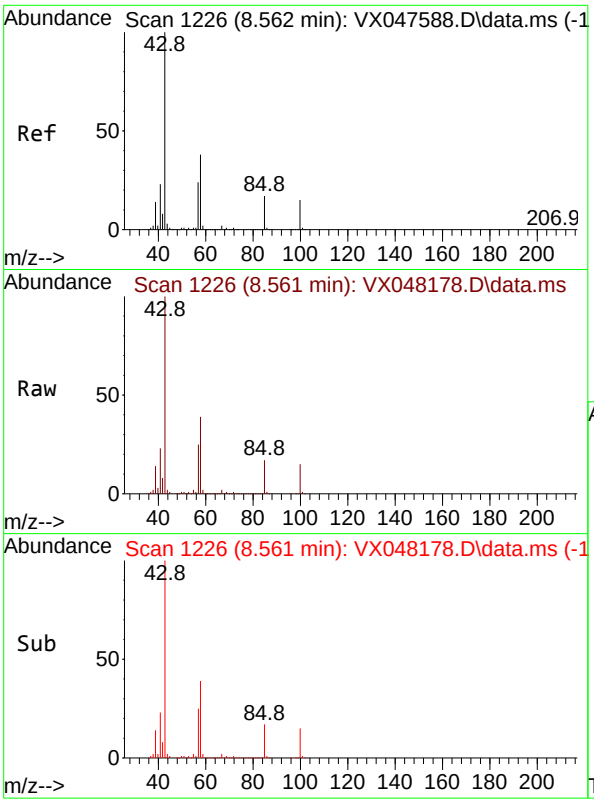


#50
Toluene-d8
Concen: 46.195 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 98 Resp: 213826

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4

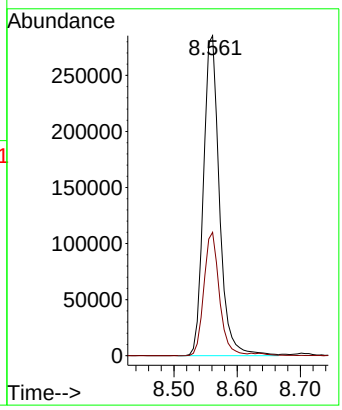




#51
4-Methyl-2-Pentanone
Concen: 263.191 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 50089

Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.3	45.5



Instrument :
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ClientSampleId :
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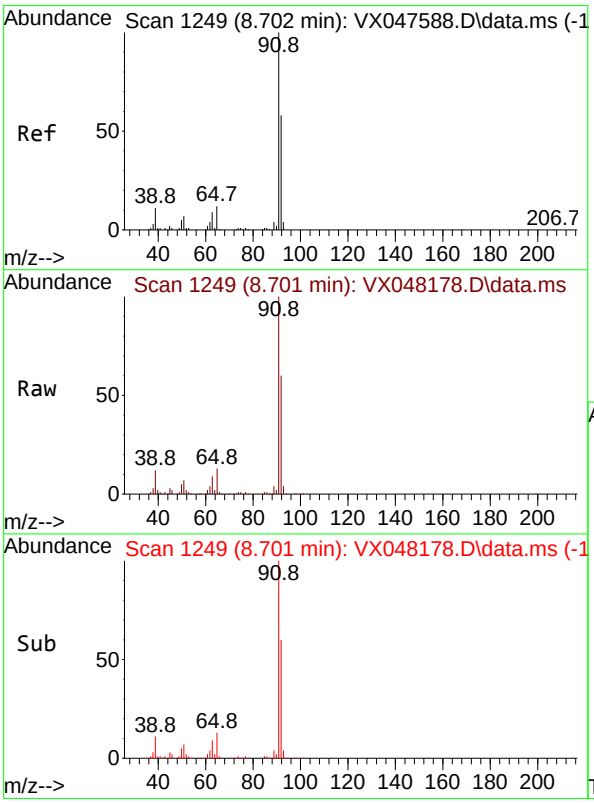
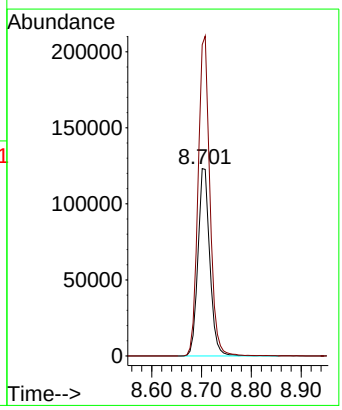
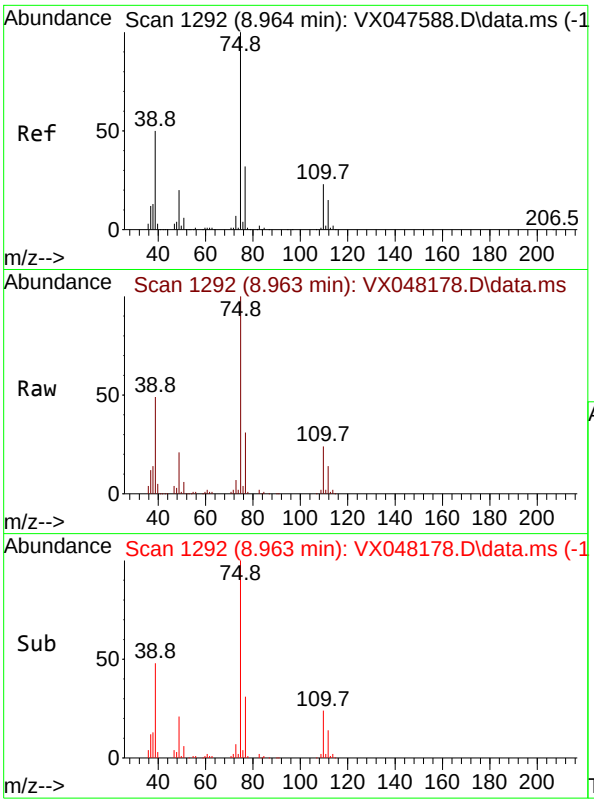


#52
Toluene
Concen: 55.435 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 92 Resp: 202770

Ion	Ratio	Lower	Upper
92	100		
91	169.6	137.1	205.7

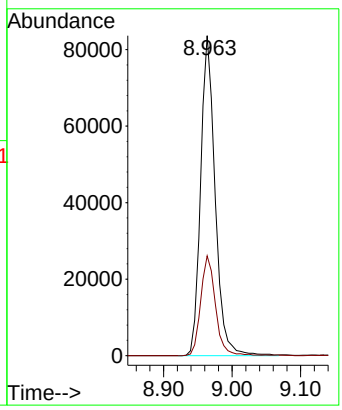




#53
t-1,3-Dichloropropene
Concen: 53.003 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 75 Resp: 12342

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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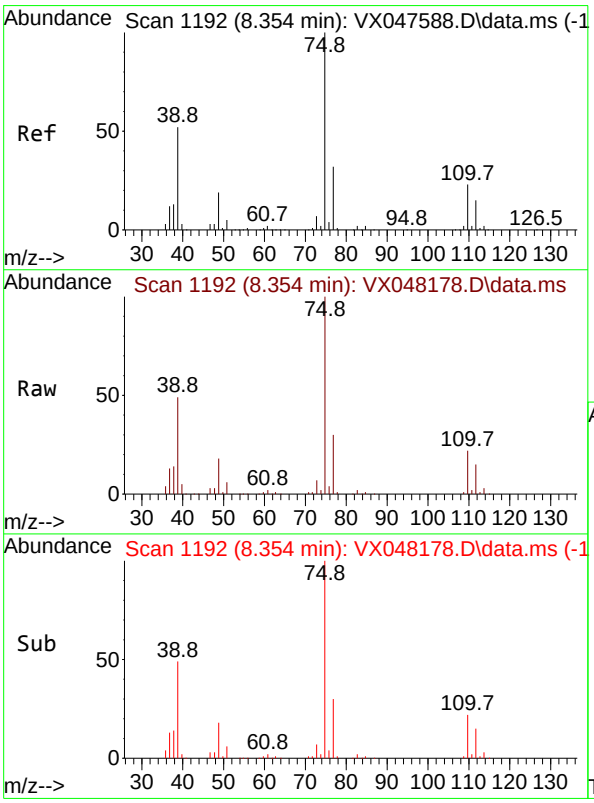
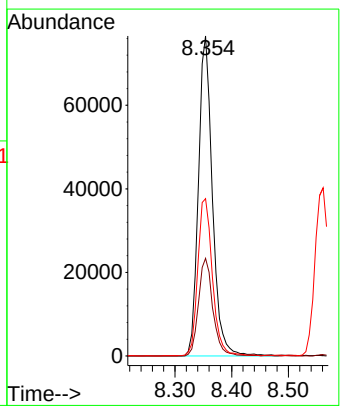
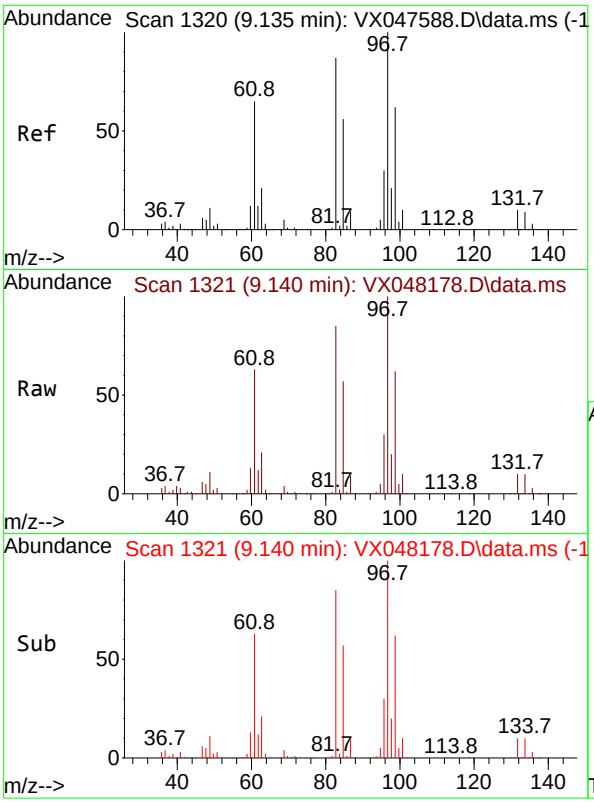


#54
cis-1,3-Dichloropropene
Concen: 52.706 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 75 Resp: 131179

Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.8	38.6
39	49.0	41.4	62.2

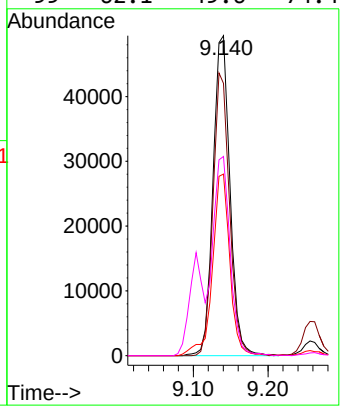




#55
1,1,2-Trichloroethane
Concen: 55.142 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 97 Resp: 7777

Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.6	104.4
85	56.7	45.0	67.6
99	62.1	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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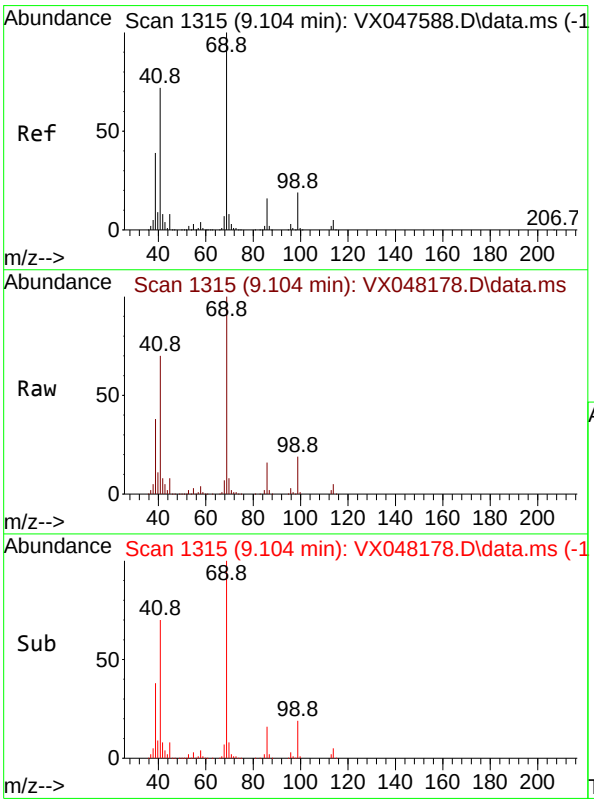
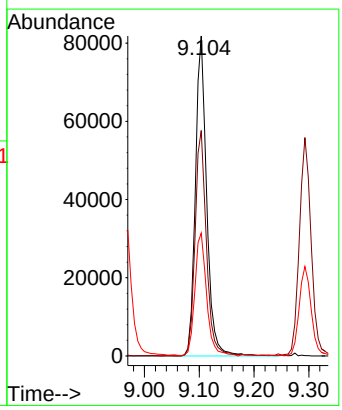
Supervised By :Mahesh Dadoda 10/16/2025

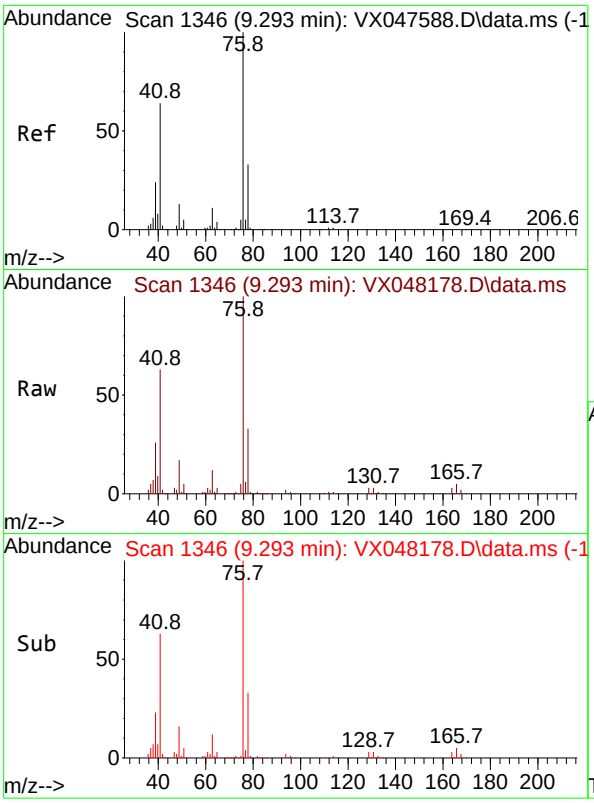


#56
Ethyl methacrylate
Concen: 53.033 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 69 Resp: 117469

Ion	Ratio	Lower	Upper
69	100		
41	71.3	58.6	87.8
39	40.1	31.5	47.3

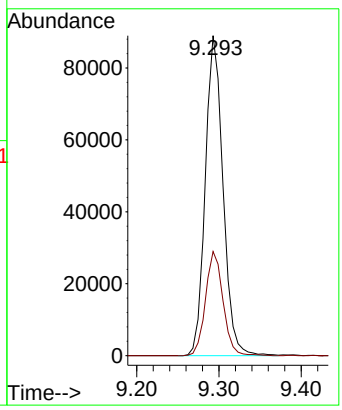




#57
1,3-Dichloropropane
Concen: 55.020 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 76 Resp: 13330

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4



Instrument :
MSVOA_X
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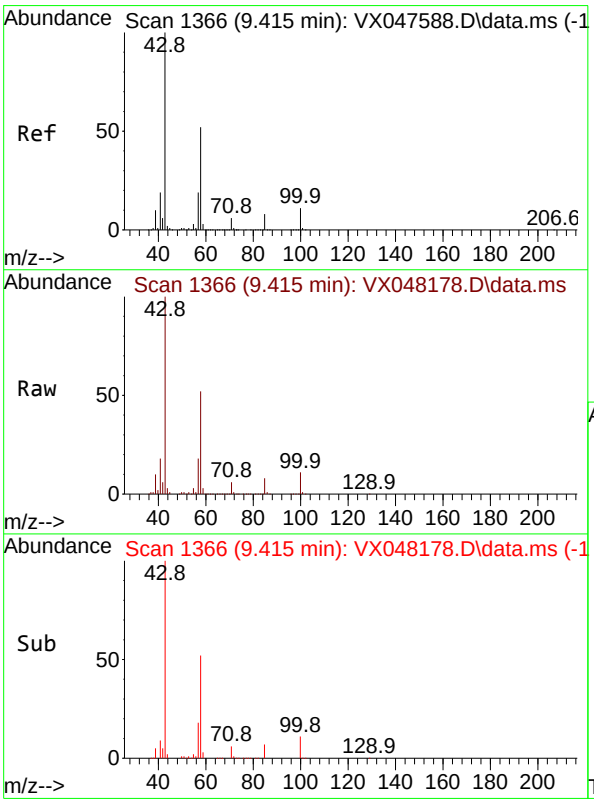
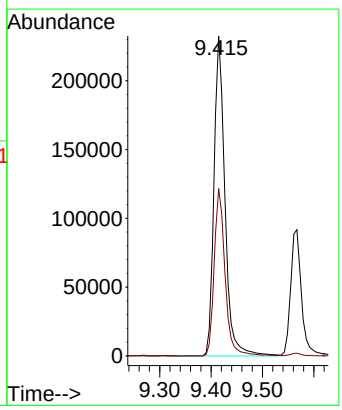
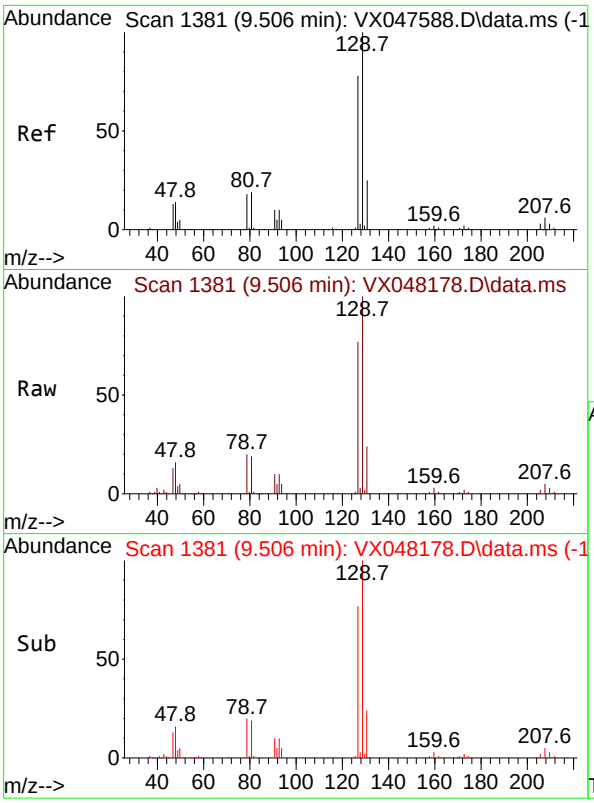


#59
2-Hexanone
Concen: 252.433 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 345041

Ion	Ratio	Lower	Upper
43	100		
58	52.0	26.1	78.2

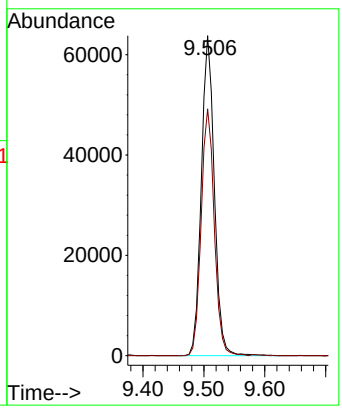




#60
Dibromochloromethane
Concen: 58.123 ug/l
RT: 9.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:129 Resp: 9445

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2



Instrument :
MSVOA_X
ClientSampleId :
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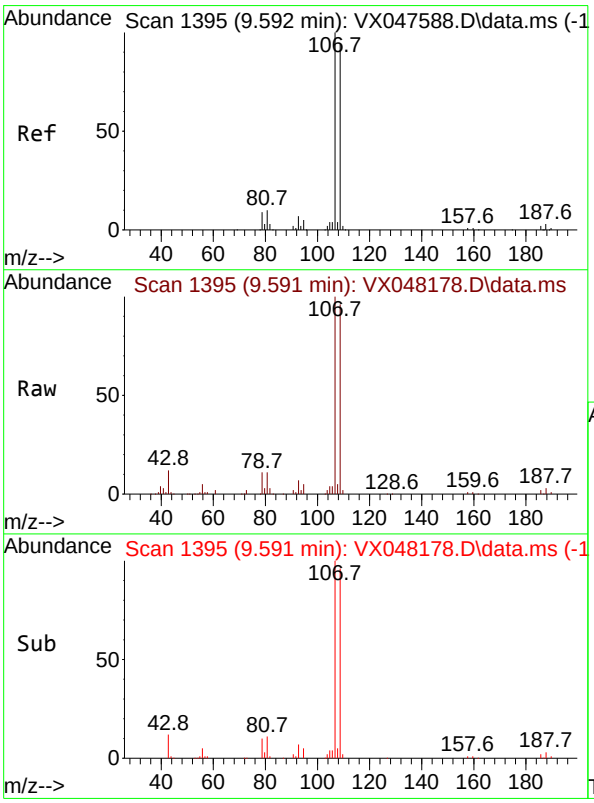
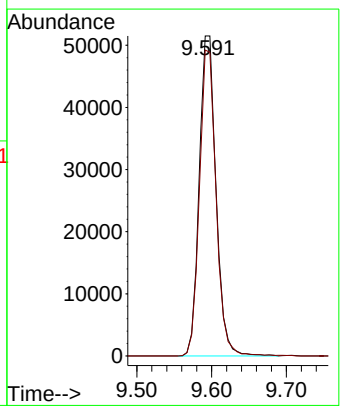
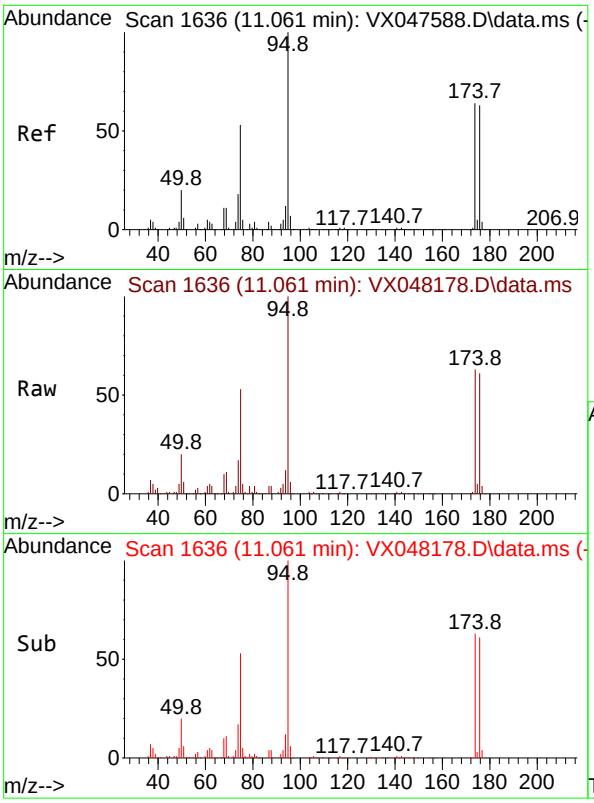


#61
1,2-Dibromoethane
Concen: 55.942 ug/l
RT: 9.591 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:107 Resp: 80365

Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.3	112.9

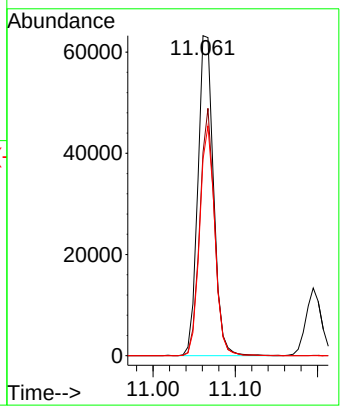




#62
4-Bromofluorobenzene
Concen: 47.750 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 95 Resp: 8388

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.6
176	69.3	0.0	138.4



Instrument :
MSVOA_X
ClientSampleId :
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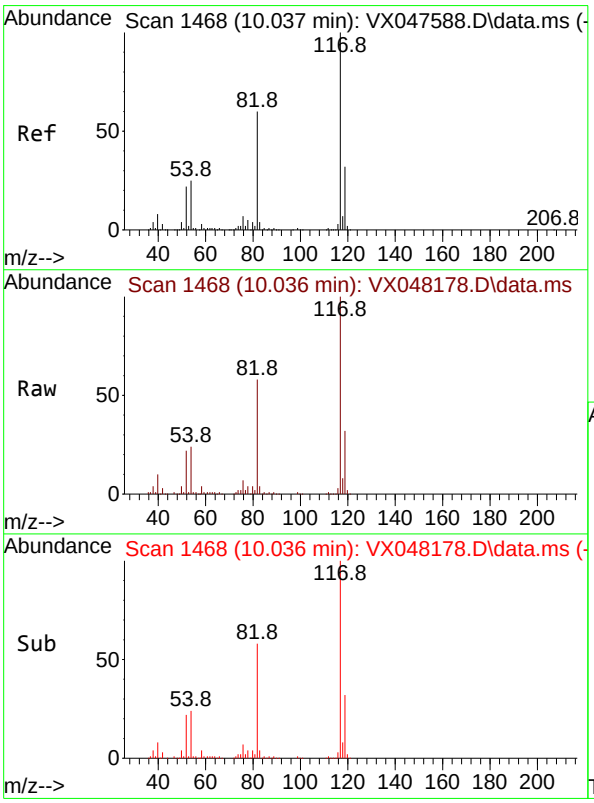
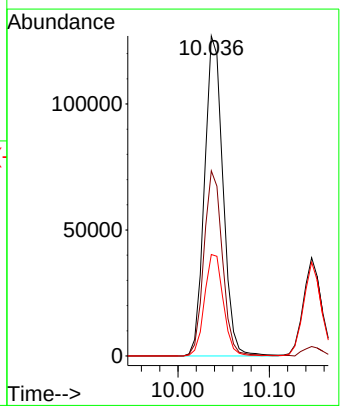
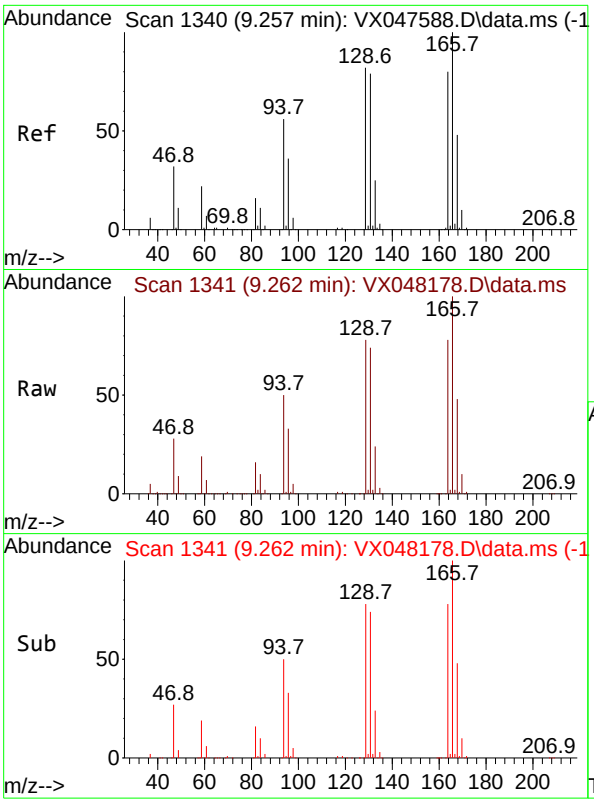


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:117 Resp: 178364

Ion	Ratio	Lower	Upper
117	100		
82	57.8	47.8	71.6
119	31.7	25.2	37.8

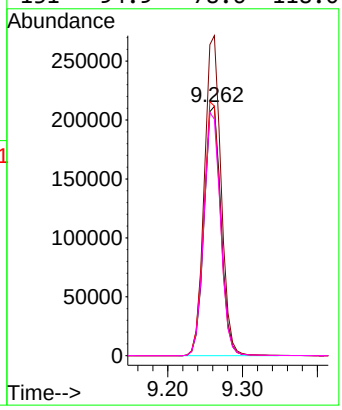




#64
Tetrachloroethene
Concen: 284.902 ug/l
RT: 9.262 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:164 Resp: 33126

Ion	Ratio	Lower	Upper
164	100		
166	128.4	100.2	150.2
129	100.2	81.8	122.6
131	94.9	78.6	118.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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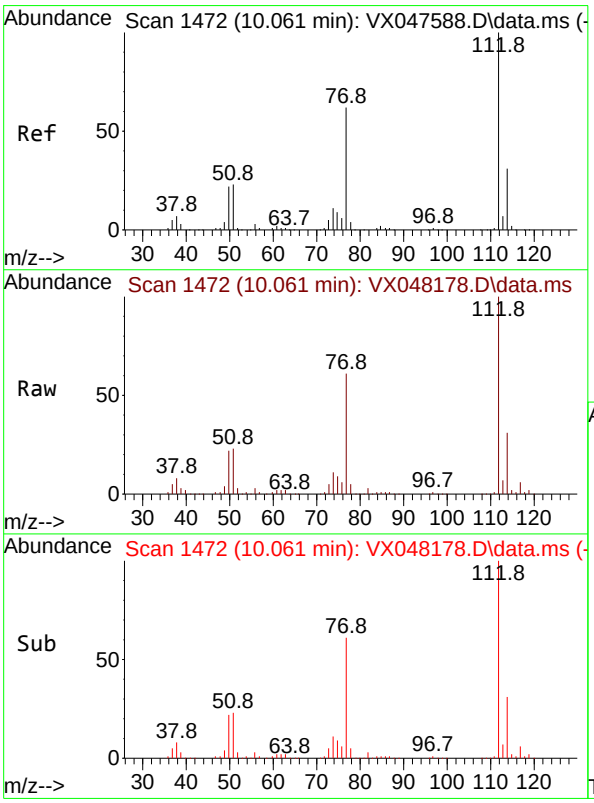
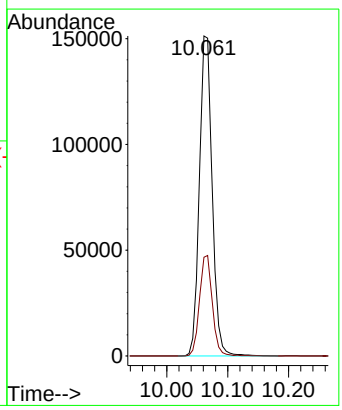
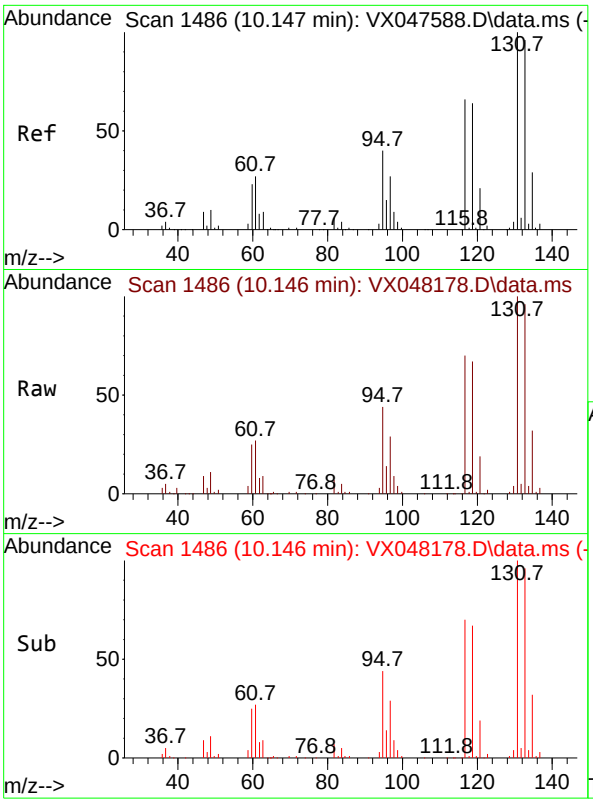


#65
Chlorobenzene
Concen: 54.374 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:112 Resp: 220328

Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.1	37.7





#66
1,1,1,2-Tetrachloroethane
Concen: 55.734 ug/l
RT: 10.146 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:131 Resp: 7793

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.3	142.0
119	64.5	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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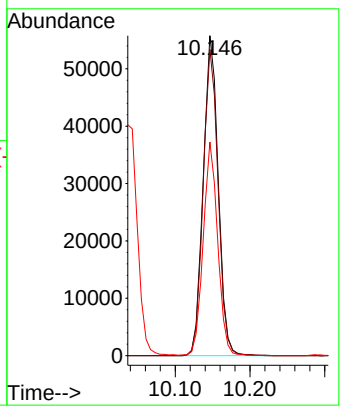
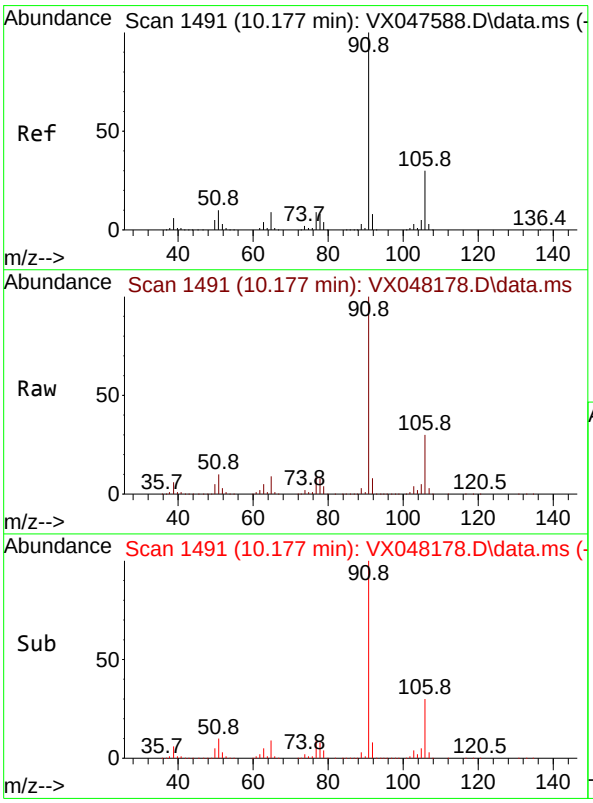
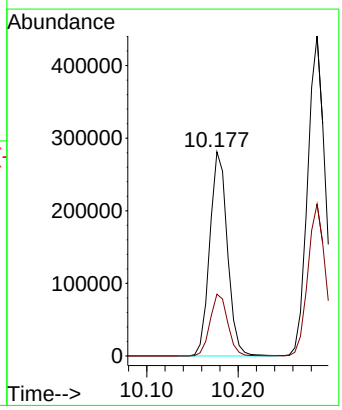


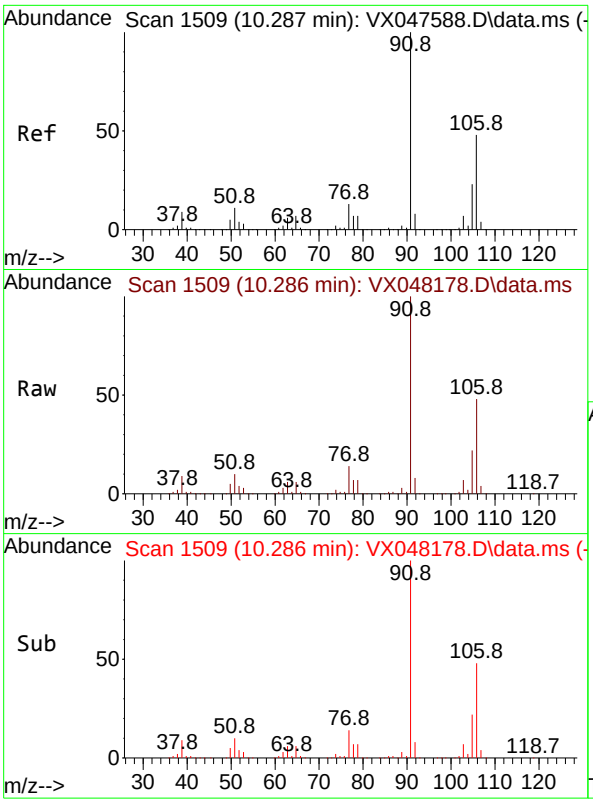


#67
Ethyl Benzene
Concen: 53.805 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 91 Resp: 376181

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

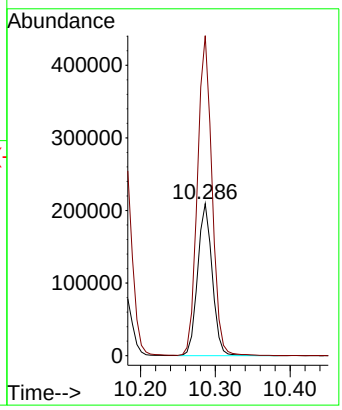




#68
m/p-Xylenes
Concen: 108.744 ug/l
RT: 10.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:106 Resp: 28298

Ion	Ratio	Lower	Upper
106	100		
91	211.0	167.8	251.8



Instrument :
MSVOA_X
ClientSampleId :
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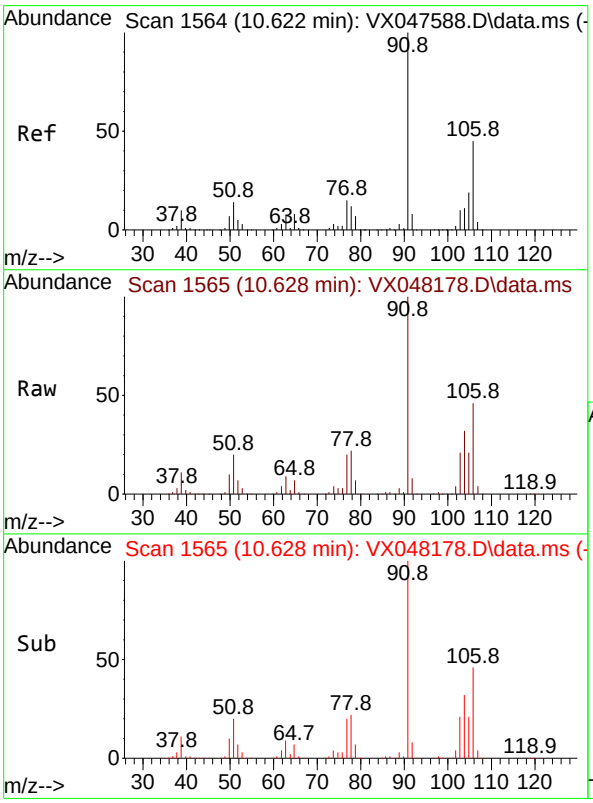
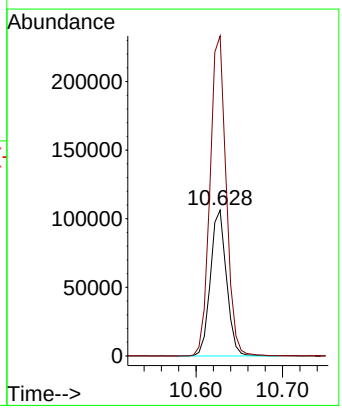
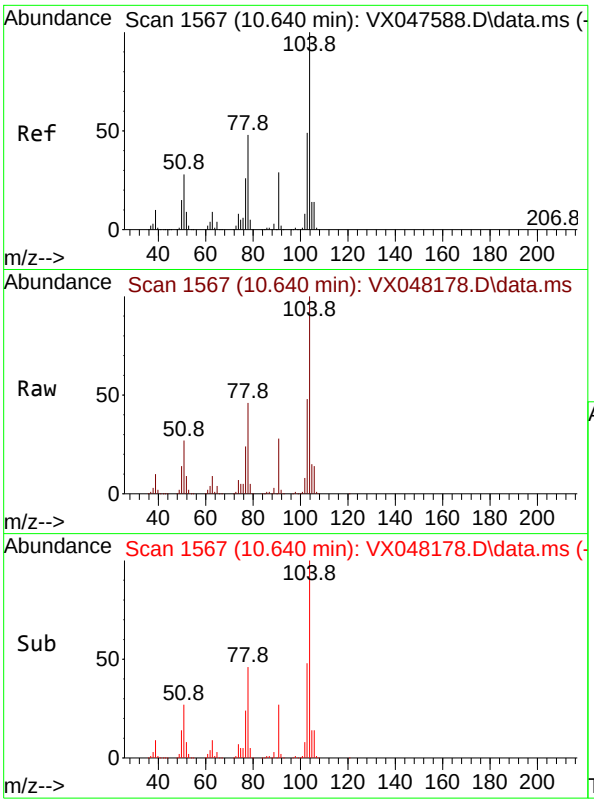


#69
o-Xylene
Concen: 54.309 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:106 Resp: 136699

Ion	Ratio	Lower	Upper
106	100		
91	221.8	111.1	333.4

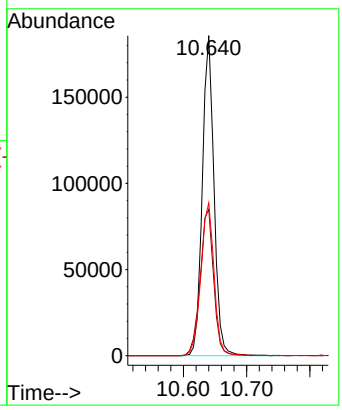




#70
Styrene
Concen: 54.280 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:104 Resp: 23939

Ion	Ratio	Lower	Upper
104	100		
78	52.8	43.1	64.7
103	53.9	43.1	64.7



Instrument :
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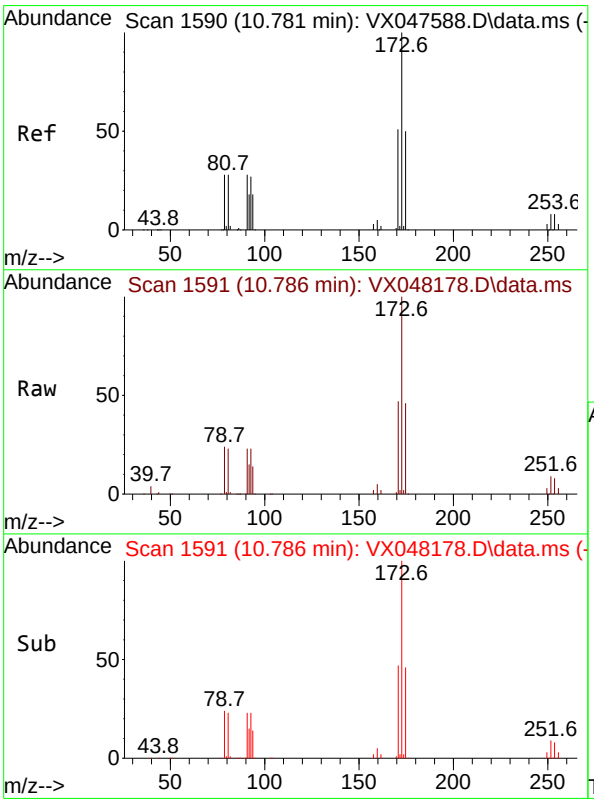
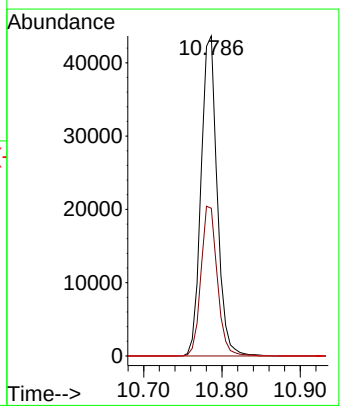
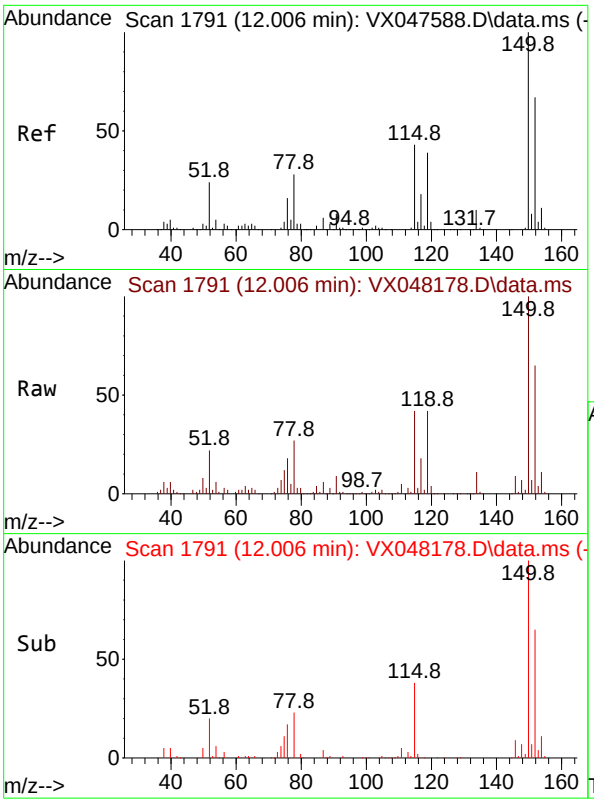


#71
Bromoform
Concen: 59.590 ug/l
RT: 10.786 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:173 Resp: 62216

Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.9	74.6
254	0.0	0.1	0.1#

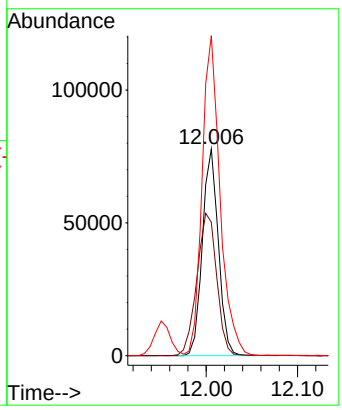




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:152 Resp: 9429

Ion	Ratio	Lower	Upper
152	100		
115	86.0	44.9	134.5
150	174.0	0.0	352.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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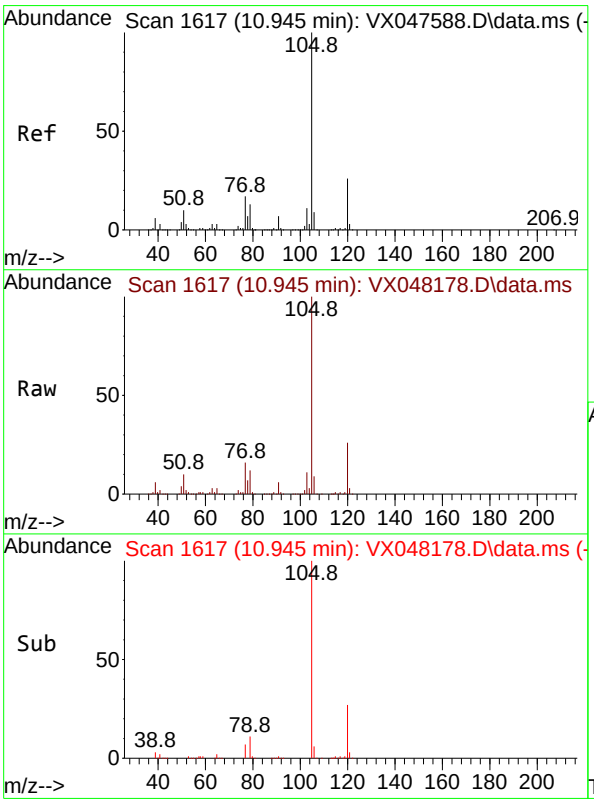
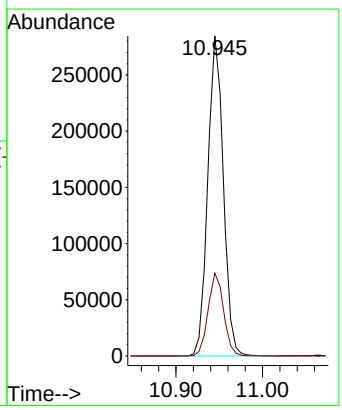
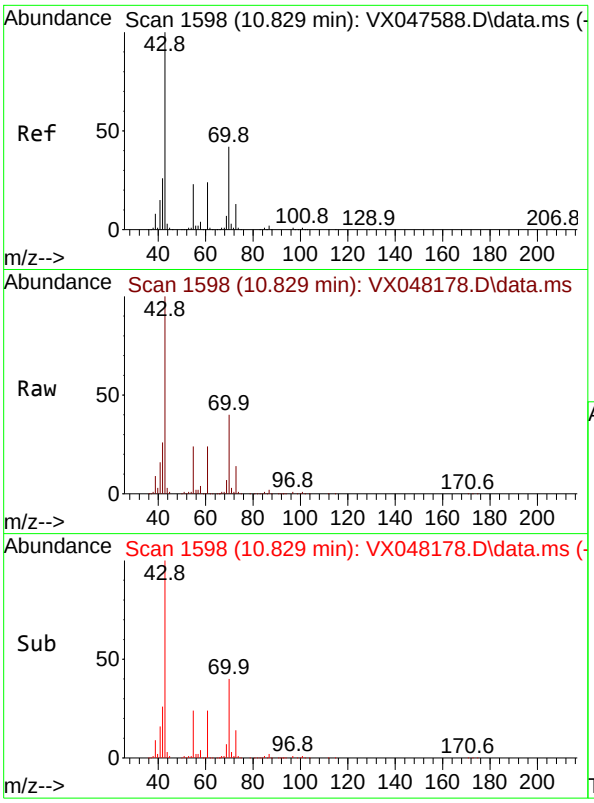


#73
Isopropylbenzene
Concen: 49.471 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:105 Resp: 354640

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4

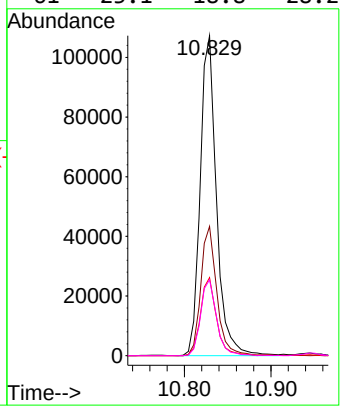




#74
N-amyl acetate
Concen: 42.932 ug/l
RT: 10.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 43 Resp: 14034

Ion	Ratio	Lower	Upper
43	100		
70	39.8	32.0	48.0
55	24.0	18.9	28.3
61	23.1	18.8	28.2



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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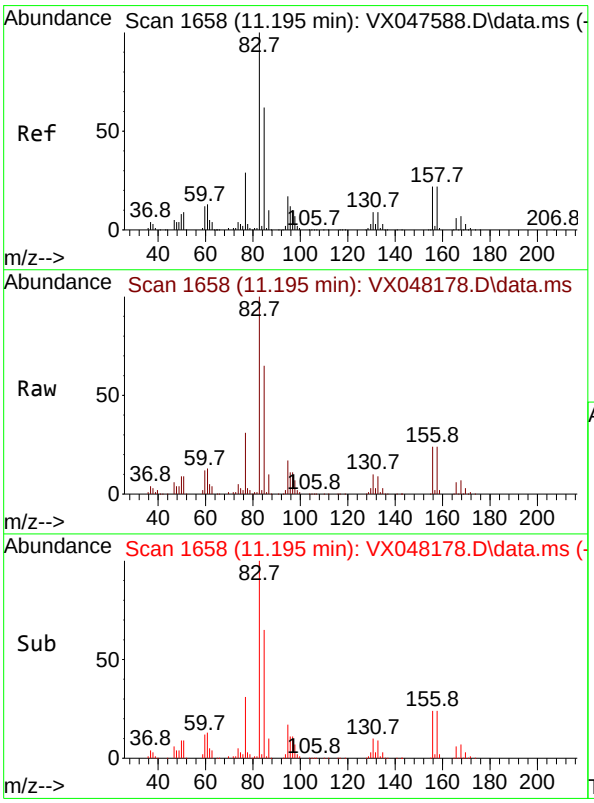
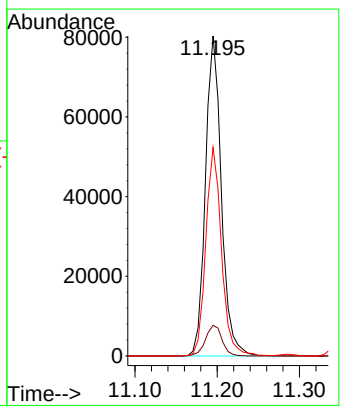
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

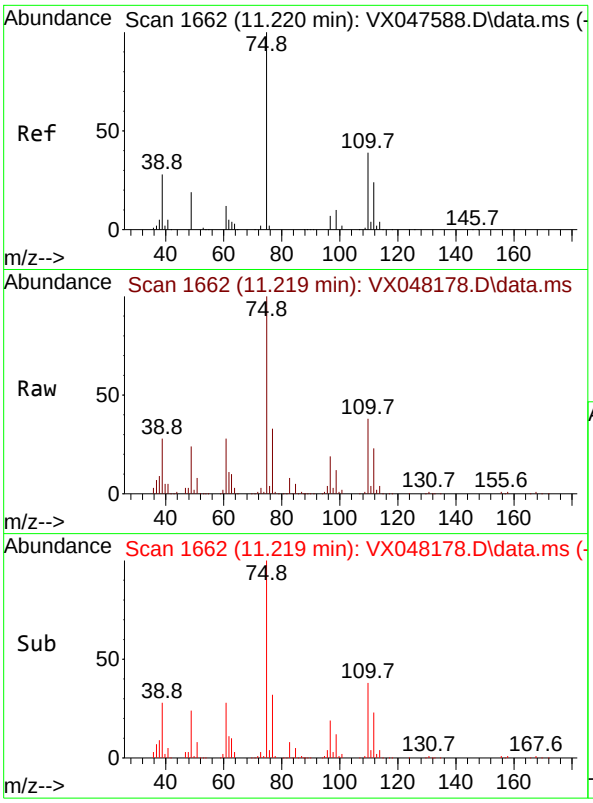


#75
1,1,2,2-Tetrachloroethane
Concen: 49.767 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 83 Resp: 107937

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.3	31.6	95.0





#76
1,2,3-Trichloropropane
Concen: 49.619 ug/l m
RT: 11.219 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 75 Resp: 9472

Ion	Ratio	Lower	Upper
75	100		
77	39.5	18.8	56.4

Instrument :
MSVOA_X
ClientSampleId :
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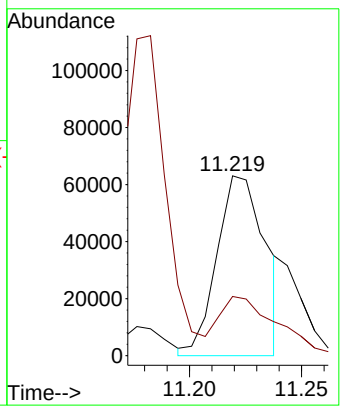
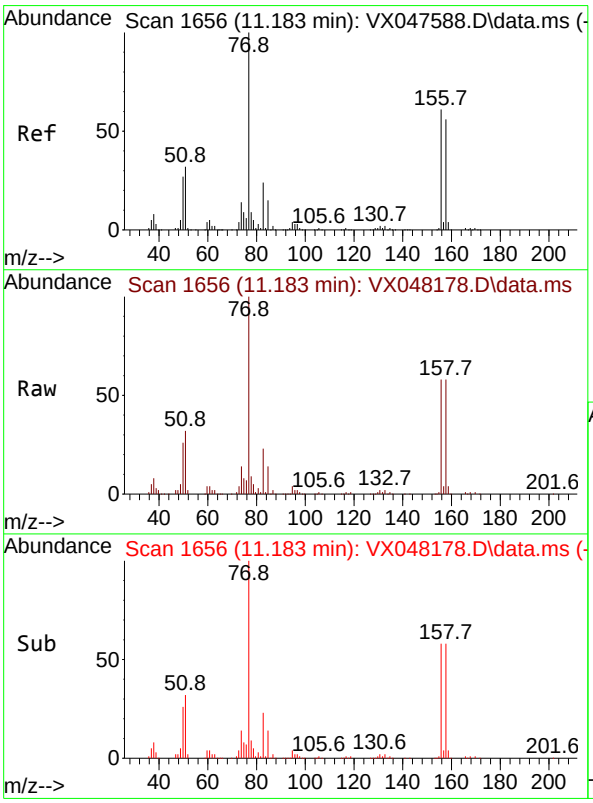
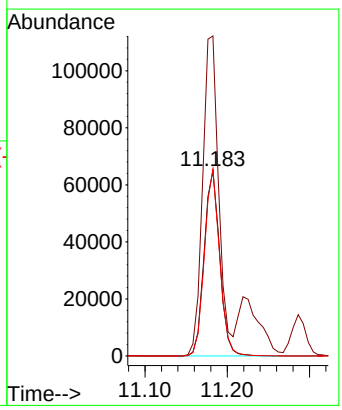


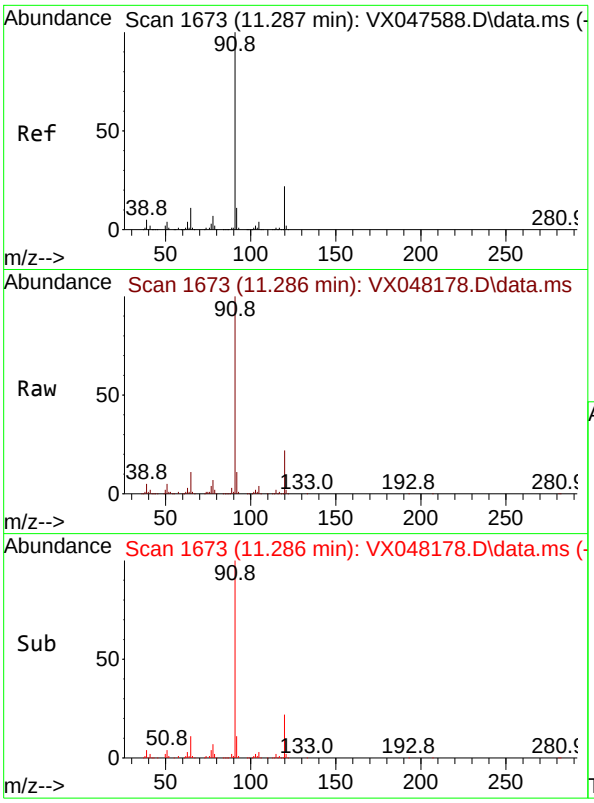


#77
Bromobenzene
Concen: 48.497 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:156 Resp: 85625

Ion	Ratio	Lower	Upper
156	100		
77	178.1	89.7	269.1
158	98.5	47.9	143.6

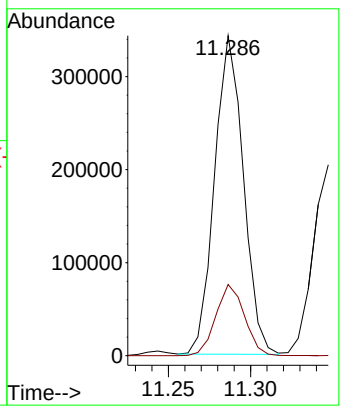




#78
n-propylbenzene
Concen: 49.228 ug/l
RT: 11.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 91 Resp: 41717

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1



Instrument :
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ClientSampleId :
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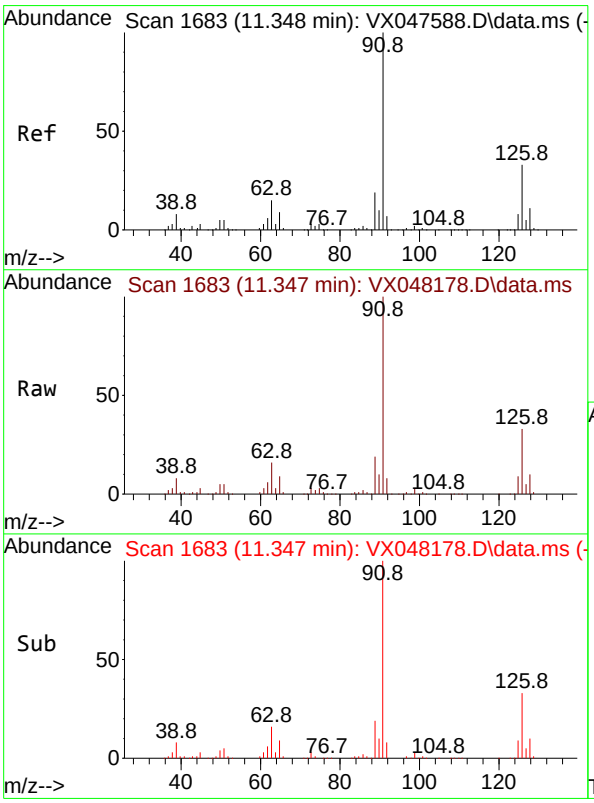
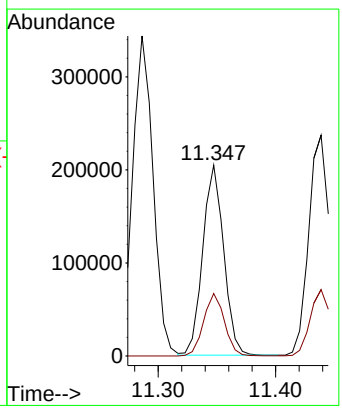
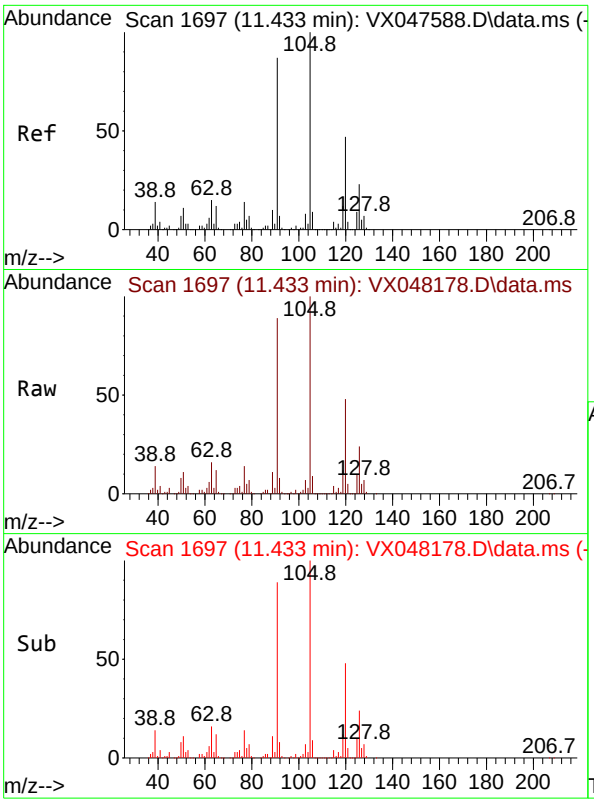


#79
2-Chlorotoluene
Concen: 48.750 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 91 Resp: 253026

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.1	48.3

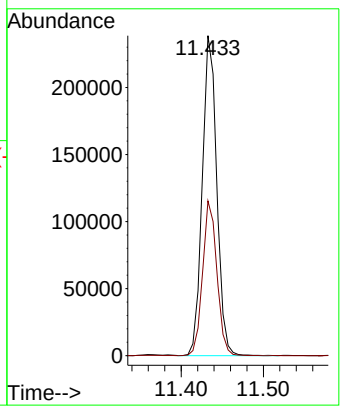




#80
1,3,5-Trimethylbenzene
Concen: 49.530 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:105 Resp: 29171

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	70.8



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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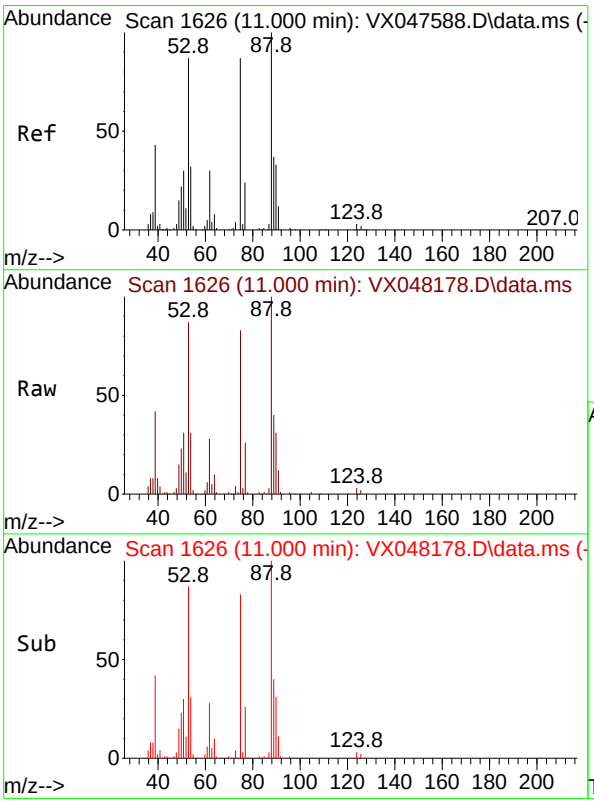
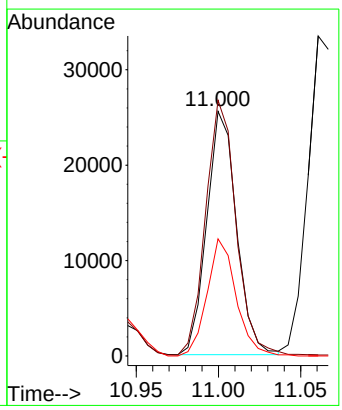
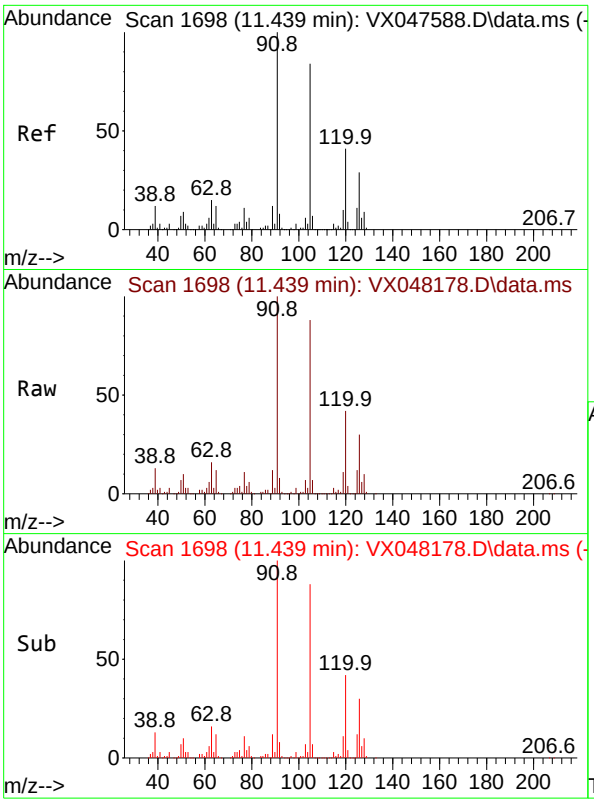


#81
trans-1,4-Dichloro-2-butene
Concen: 42.851 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 75 Resp: 32079

Ion	Ratio	Lower	Upper
75	100		
53	108.6	83.4	125.2
89	47.1	36.3	54.5





#82
4-Chlorotoluene
Concen: 49.012 ug/l
RT: 11.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 91 Resp: 30044

Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.2	42.6

Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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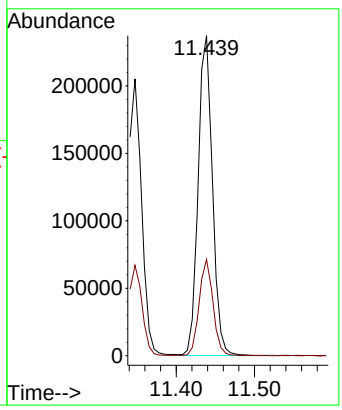
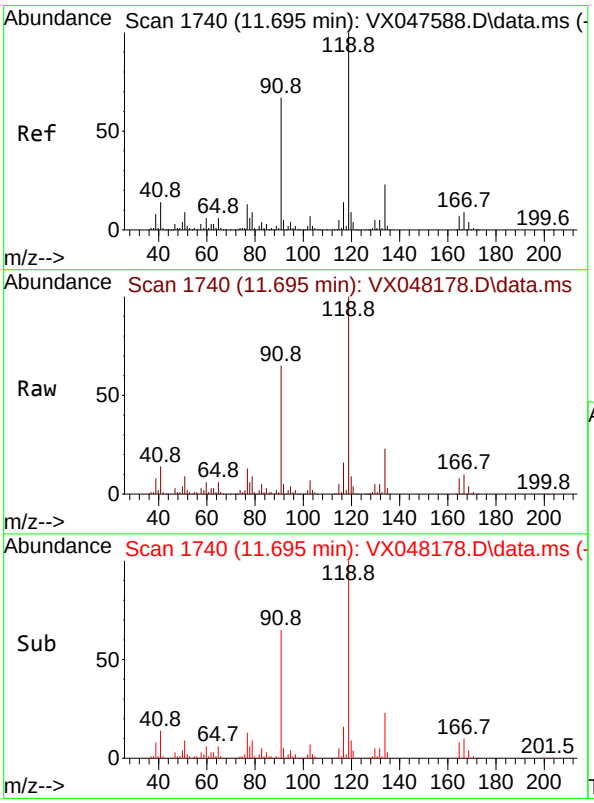
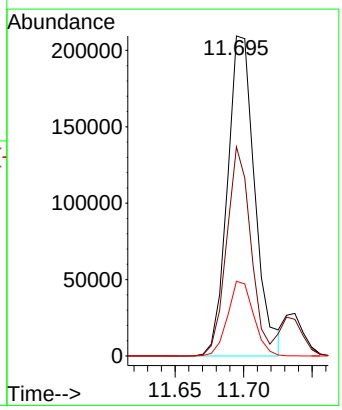


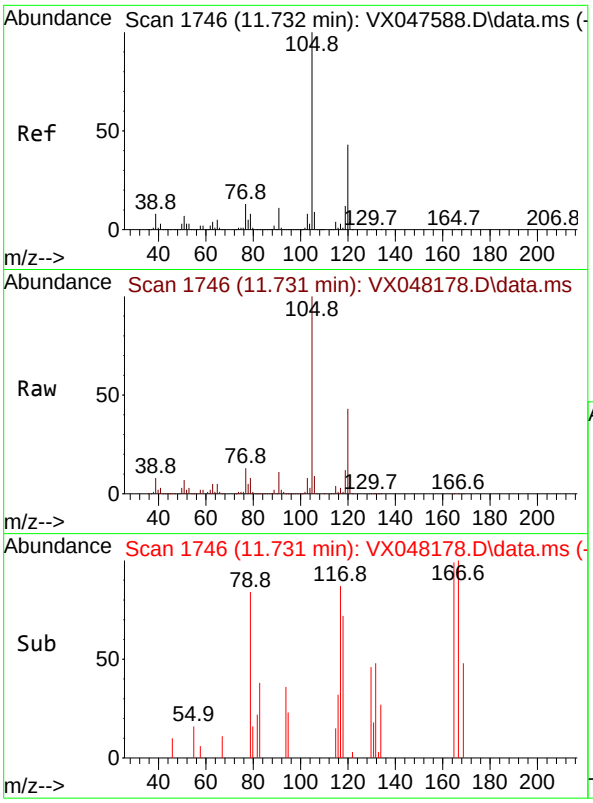


#83
tert-Butylbenzene
Concen: 48.384 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:119 Resp: 291710

Ion	Ratio	Lower	Upper
119	100		
91	57.8	29.6	88.8
134	22.2	11.0	33.0

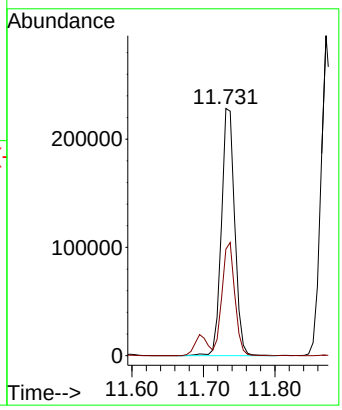




#84
1,2,4-Trimethylbenzene
Concen: 49.489 ug/l
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:105 Resp: 29550

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1



Instrument :
MSVOA_X
ClientSampleId :
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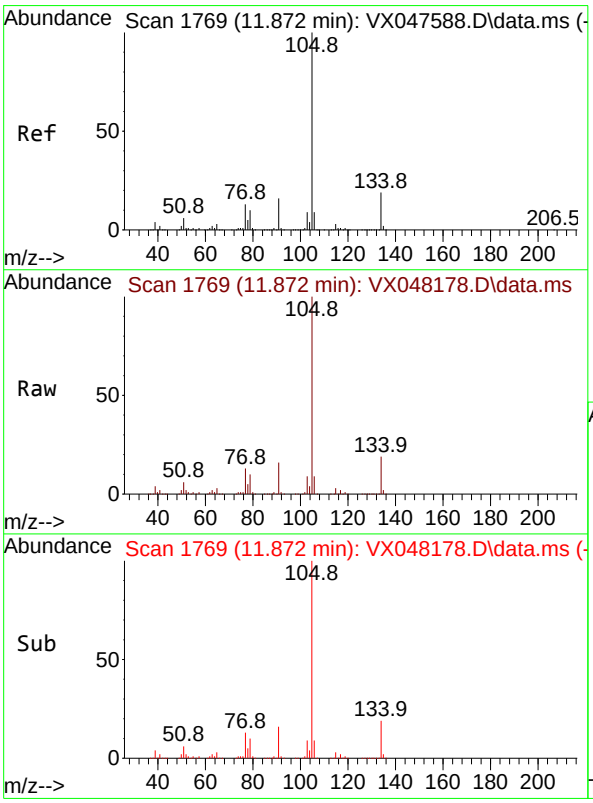
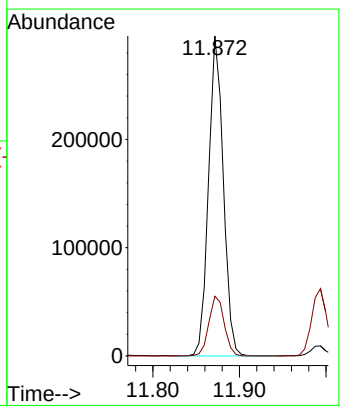
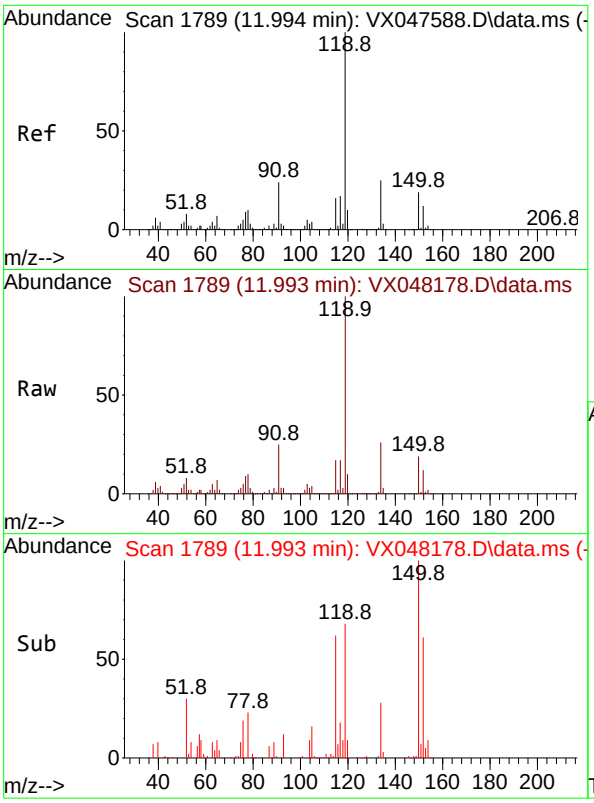


#85
sec-Butylbenzene
Concen: 48.949 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:105 Resp: 350539

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

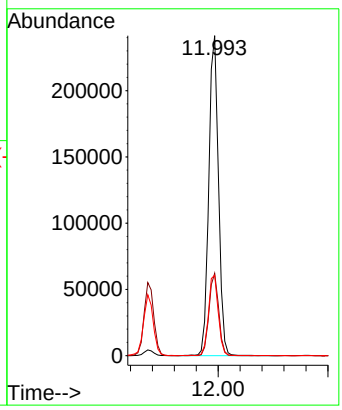




#86
p-Isopropyltoluene
Concen: 48.500 ug/l
RT: 11.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:119 Resp: 29404

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.6	37.8
91	25.5	12.6	37.6



Instrument :
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ClientSampleId :
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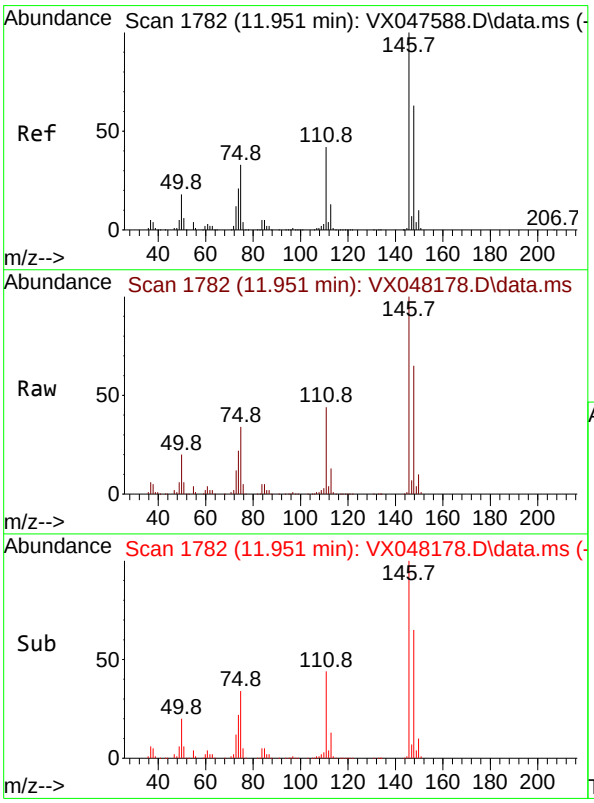
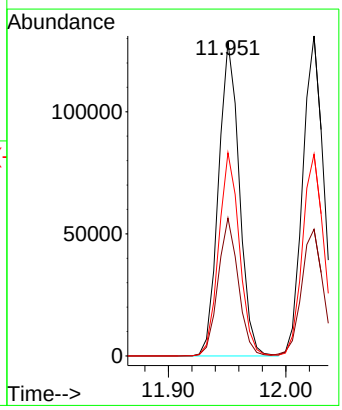
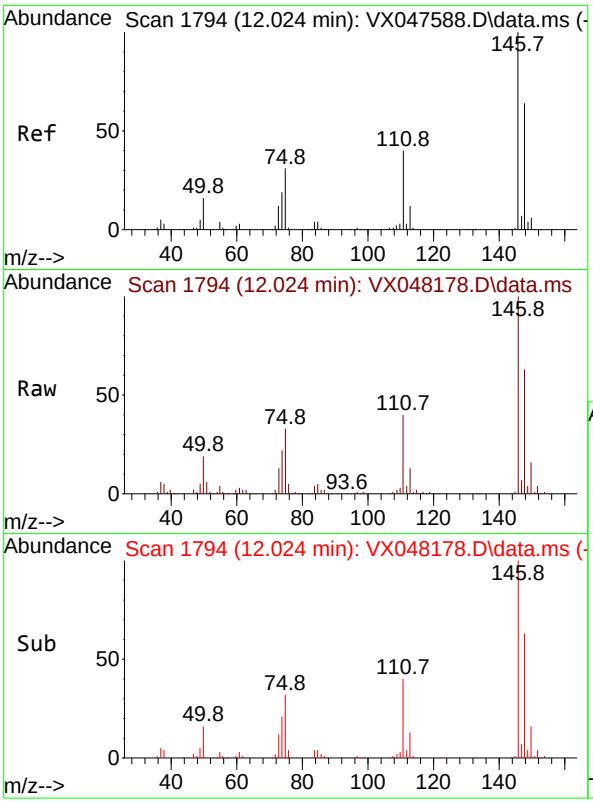


#87
1,3-Dichlorobenzene
Concen: 48.257 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:146 Resp: 158253

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	64.5	32.0	96.0

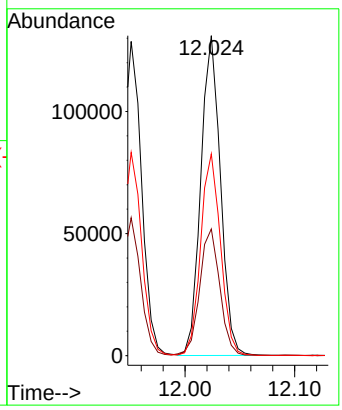




#88
1,4-Dichlorobenzene
Concen: 48.397 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:146 Resp: 16289

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.8	62.4
148	64.3	31.7	95.1



Instrument :
MSVOA_X
ClientSampleId :
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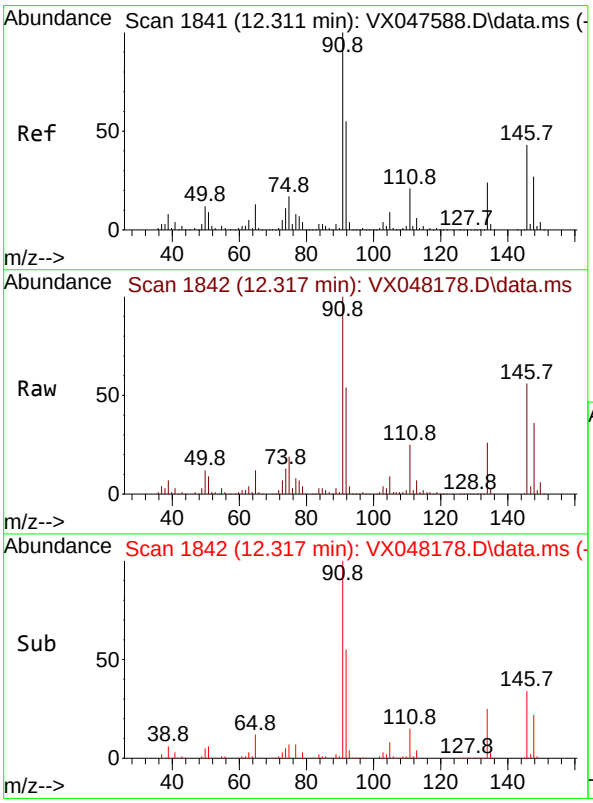
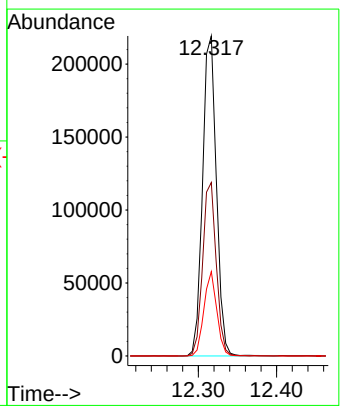
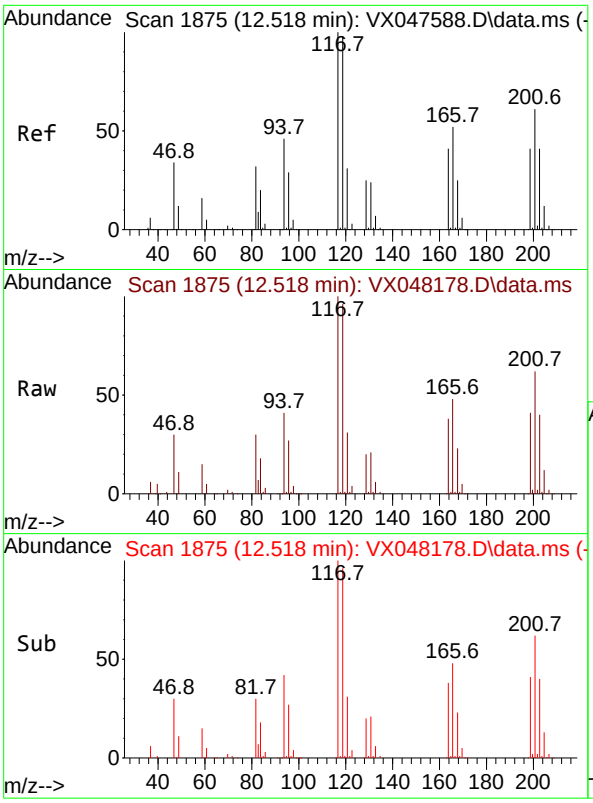


#89
n-Butylbenzene
Concen: 47.846 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 91 Resp: 268412

Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.6	82.7
134	24.5	12.6	37.8

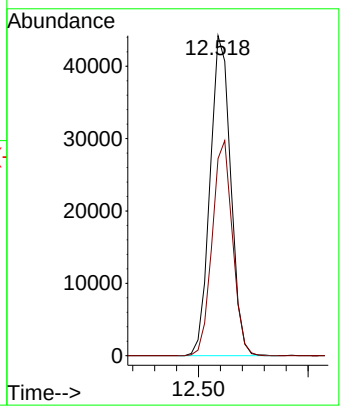




#90
Hexachloroethane
Concen: 54.253 ug/l
RT: 12.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:117 Resp: 5774

Ion	Ratio	Lower	Upper
117	100		
201	66.2	34.2	102.5



Instrument :
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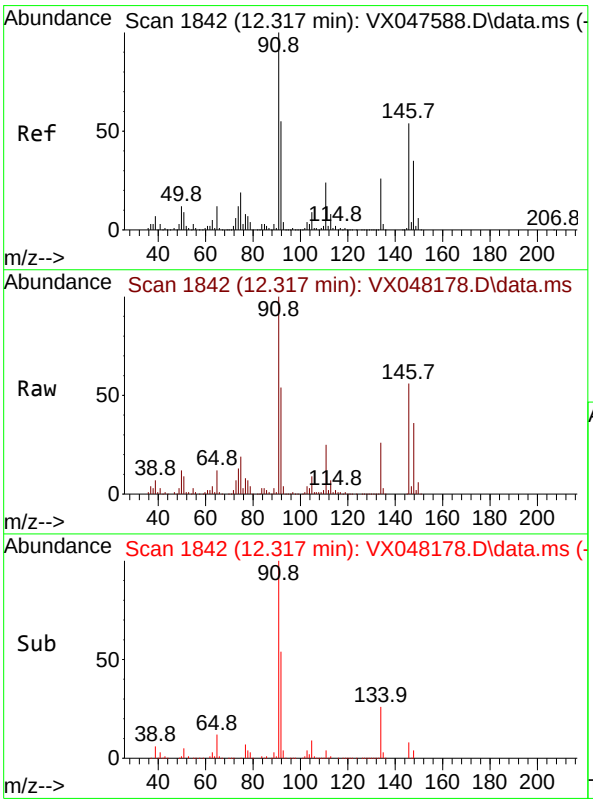
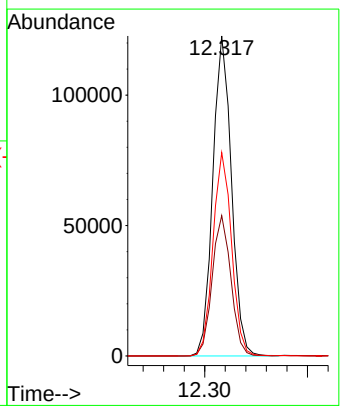
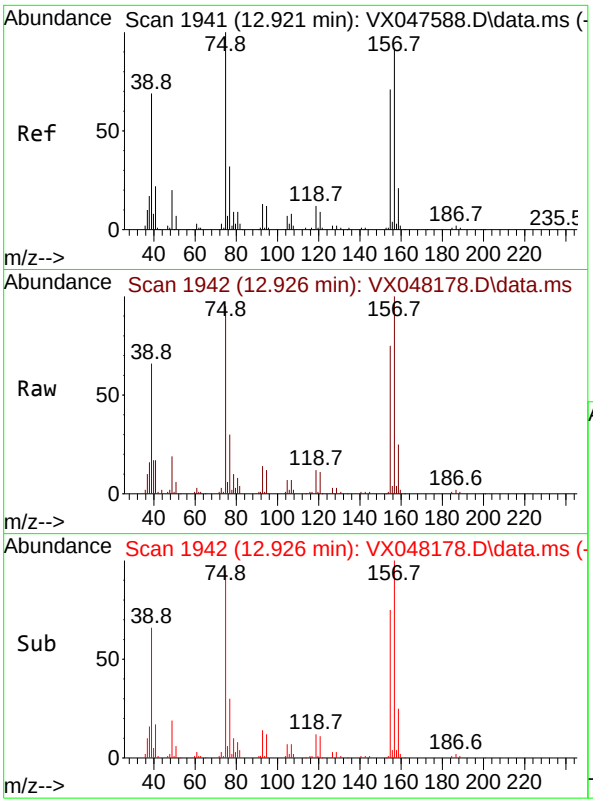


#91
1,2-Dichlorobenzene
Concen: 49.348 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:146 Resp: 154177

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	63.5	31.8	95.4

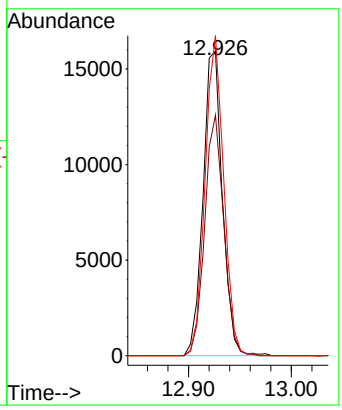




#92
1,2-Dibromo-3-Chloropropane
Concen: 47.569 ug/l
RT: 12.926 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion: 75 Resp: 2088

Ion	Ratio	Lower	Upper
75	100		
155	77.7	37.7	113.1
157	100.9	49.8	149.4



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

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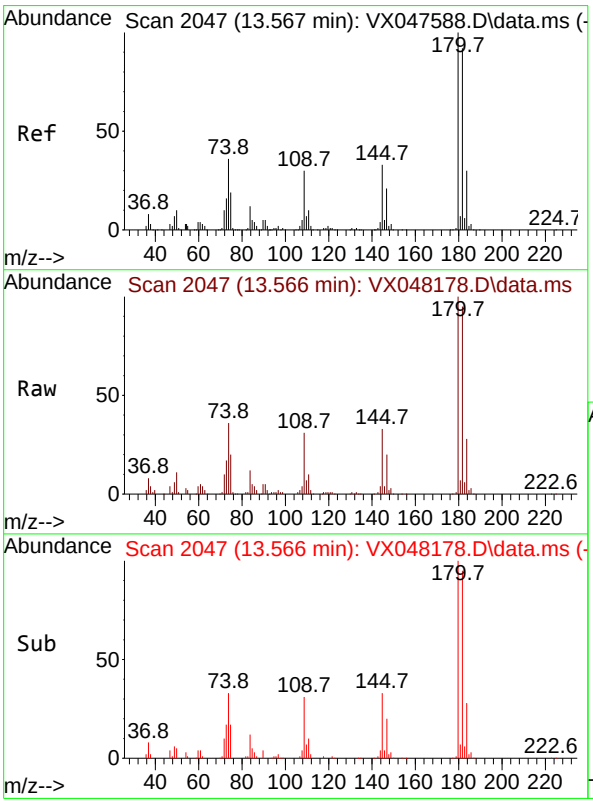
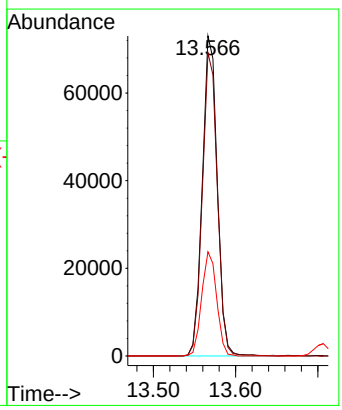
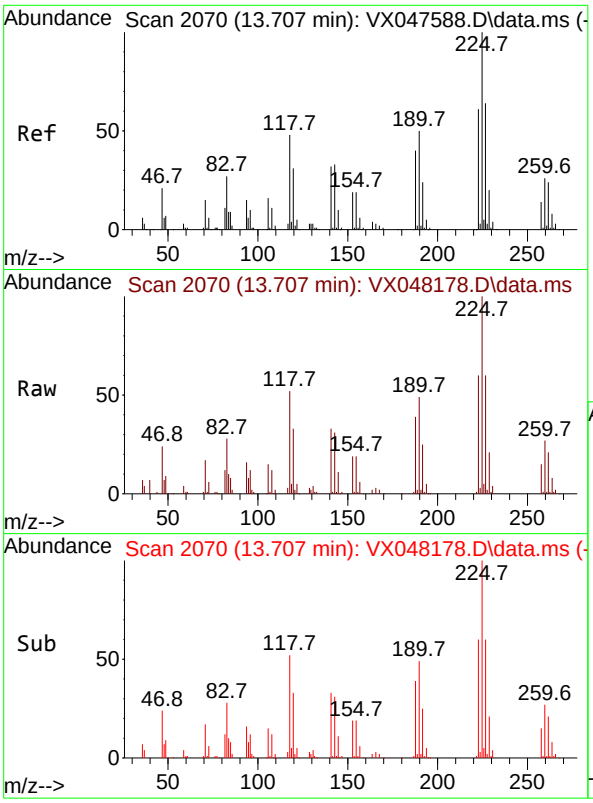


#93
1,2,4-Trichlorobenzene
Concen: 45.471 ug/l
RT: 13.566 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:180 Resp: 92329

Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.6	139.8
145	32.6	16.4	49.1

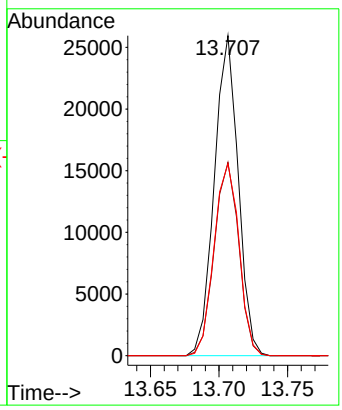




#94
Hexachlorobutadiene
Concen: 45.564 ug/l
RT: 13.707 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:225 Resp: 3142

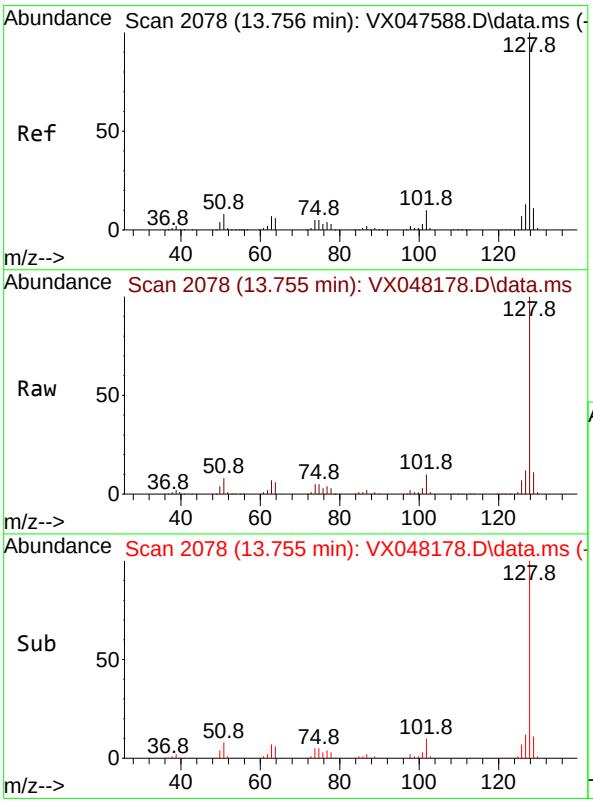
Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.7	95.1
227	62.8	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Manual Integrations
APPROVED

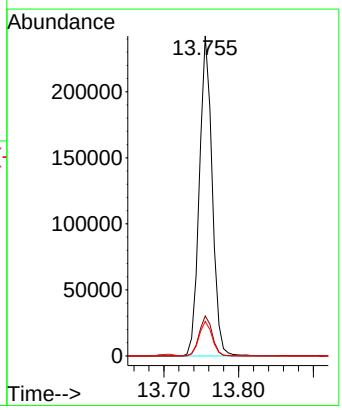
Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

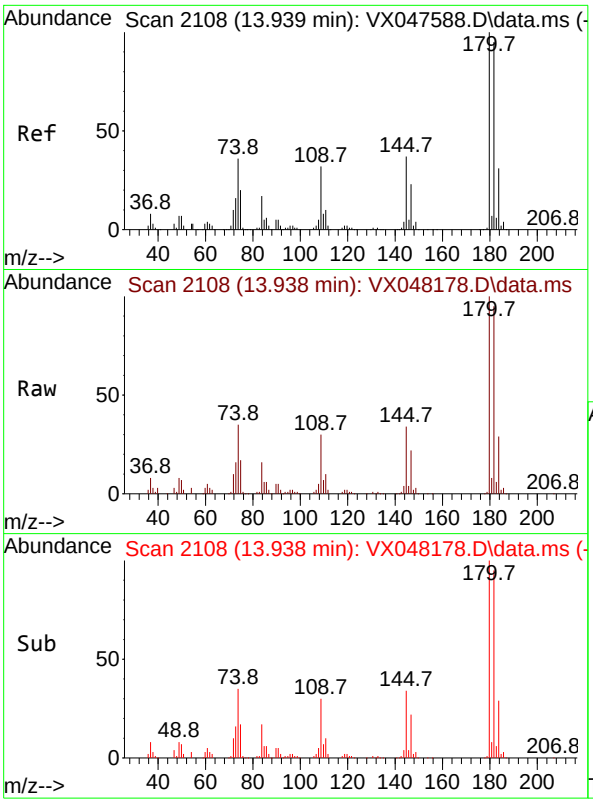


#95
Naphthalene
Concen: 46.702 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:128 Resp: 288762

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

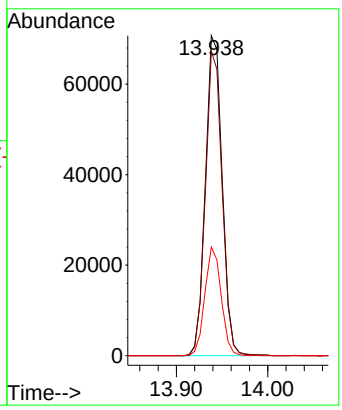




#96
1,2,3-Trichlorobenzene
Concen: 47.657 ug/l
RT: 13.938 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048178.D
Acq: 14 Oct 2025 19:20

Tgt Ion:180 Resp: 9001

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	33.1	17.9	53.7



Instrument :
MSVOA_X
ClientSampleId :
MW-219MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/15/2025
Supervised By :Mahesh Dadoda 10/16/2025

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Manual Integration Report

Sequence:	vx091625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX047585.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dichlorobenzene	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC001	VX047585.D	1,4-Dioxane	JOHN	9/17/2025 8:25:46 AM	MMDadoda	9/18/2025 3:22:10 PM	Peak Integrated by Software
VSTDICC005	VX047586.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:50 AM	MMDadoda	9/18/2025 3:22:12 PM	Peak Integrated by Software
VSTDICC020	VX047587.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:25:57 AM	MMDadoda	9/18/2025 3:22:15 PM	Peak Integrated by Software
VSTDICCC050	VX047588.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:01 AM	MMDadoda	9/18/2025 3:22:17 PM	Peak Integrated by Software
VSTDICC100	VX047589.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:06 AM	MMDadoda	9/18/2025 3:22:20 PM	Peak Integrated by Software
VSTDICC150	VX047590.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:11 AM	MMDadoda	9/18/2025 3:22:24 PM	Peak Integrated by Software
VSTDICV050	VX047592.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:15 AM	MMDadoda	9/18/2025 3:22:26 PM	Peak Integrated by Software
VSTDCCC050	VX047599.D	1,2,3-Trichloropropane	JOHN	9/17/2025 8:26:34 AM	MMDadoda	9/18/2025 3:22:31 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX100925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048072.D	1,2,3-Trichloropropane	JOHN	10/10/2025 8:04:10 AM	MMDadoda	10/10/2025 4:25:04 PM	Peak Integrated by Software
VX1009WBS02	VX048080.D	1,2,3-Trichloropropane	JOHN	10/10/2025 8:04:28 AM	MMDadoda	10/10/2025 4:25:10 PM	Peak Integrated by Software
VSTDCCC050	VX048098.D	1,2,3-Trichloropropane	JOHN	10/10/2025 8:04:47 AM	MMDadoda	10/10/2025 4:25:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX101025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048100.D	1,2,3-Trichloropropane	JOHN	10/13/2025 8:14:06 AM	MMDadoda	10/13/2025 2:17:54 PM	Peak Integrated by Software
VX1010WBS01	VX048104.D	1,2,3-Trichloropropane	JOHN	10/13/2025 8:14:15 AM	MMDadoda	10/13/2025 2:17:57 PM	Peak Integrated by Software
VSTDCCC050	VX048124.D	1,2,3-Trichloropropane	JOHN	10/13/2025 8:14:34 AM	MMDadoda	10/13/2025 2:18:00 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX101325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048126.D	1,2,3-Trichloropropane	JOHN	10/14/2025 8:03:38 AM	MMDadoda	10/14/2025 3:53:37 PM	Peak Integrated by Software
VX1013WBS01	VX048129.D	1,2,3-Trichloropropane	JOHN	10/14/2025 8:03:44 AM	MMDadoda	10/14/2025 3:53:39 PM	Peak Integrated by Software
VSTDCCC050	VX048151.D	1,2,3-Trichloropropane	JOHN	10/14/2025 8:04:12 AM	MMDadoda	10/14/2025 3:53:46 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX101425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048153.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:05:59 PM	MMDadoda	10/16/2025 2:42:43 AM	Peak Integrated by Software
VX1014WBS01	VX048156.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:06:03 PM	MMDadoda	10/16/2025 2:42:46 AM	Peak Integrated by Software
Q3311-03MS	VX048177.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:07:03 PM	MMDadoda	10/16/2025 2:43:01 AM	Peak Integrated by Software
Q3311-04MSD	VX048178.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:07:09 PM	MMDadoda	10/16/2025 2:43:05 AM	Peak Integrated by Software
VSTDCCC050	VX048179.D	1,2,3-Trichloropropane	JOHN	10/15/2025 12:07:14 PM	MMDadoda	10/16/2025 2:43:11 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX101725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX048198.D	1,2,3-Trichloropropane	JOHN	10/20/2025 8:18:04 AM	MMDadoda	10/20/2025 3:53:48 PM	Peak Integrated by Software
VSTDICC001	VX048198.D	1,4-Dichlorobenzene	JOHN	10/20/2025 8:18:04 AM	MMDadoda	10/20/2025 3:53:48 PM	Peak Integrated by Software
VSTDICC001	VX048198.D	cis-1,2-Dichloroethene	JOHN	10/20/2025 8:18:04 AM	MMDadoda	10/20/2025 3:53:48 PM	Peak Integrated by Software
VSTDICC001	VX048198.D	Ethyl Acetate	JOHN	10/20/2025 8:18:04 AM	MMDadoda	10/20/2025 3:53:48 PM	Peak Integrated by Software
VSTDICC005	VX048199.D	1,2,3-Trichloropropane	JOHN	10/20/2025 8:18:08 AM	MMDadoda	10/20/2025 3:53:52 PM	Peak Integrated by Software
VSTDICC020	VX048200.D	1,2,3-Trichloropropane	JOHN	10/20/2025 8:18:13 AM	MMDadoda	10/20/2025 3:53:55 PM	Peak Integrated by Software
VSTDICCC050	VX048201.D	1,2,3-Trichloropropane	JOHN	10/20/2025 8:18:17 AM	MMDadoda	10/20/2025 3:54:00 PM	Peak Integrated by Software
VSTDICC100	VX048202.D	1,2,3-Trichloropropane	JOHN	10/20/2025 8:18:22 AM	MMDadoda	10/20/2025 3:54:04 PM	Peak Integrated by Software
VSTDICC150	VX048203.D	1,2,3-Trichloropropane	JOHN	10/20/2025 8:18:26 AM	MMDadoda	10/20/2025 3:54:09 PM	Peak Integrated by Software
VSTDICC150	VX048203.D	Bromomethane	JOHN	10/20/2025 8:18:26 AM	MMDadoda	10/20/2025 3:54:09 PM	Peak Integrated by Software
VSTDICV050	VX048205.D	1,2,3-Trichloropropane	JOHN	10/20/2025 8:18:31 AM	MMDadoda	10/20/2025 3:54:16 PM	Peak Integrated by Software
VSTDICV050	VX048205.D	Acrolein	JOHN	10/20/2025 8:18:31 AM	MMDadoda	10/20/2025 3:54:16 PM	Peak Integrated by Software
VX1017WBS01	VX048209.D	1,2,3-Trichloropropane	JOHN	10/20/2025 8:18:37 AM	MMDadoda	10/20/2025 3:54:19 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX101725	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX048225.D	1,2,3-Trichloropropane	JOHN	10/20/2025 8:19:02 AM	MMDadoda	10/20/2025 3:54:36 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX047584.D	16 Sep 2025 08:56	JC/MD	Ok
2	VSTDICC001	VX047585.D	16 Sep 2025 09:23	JC/MD	Ok,M
3	VSTDICC005	VX047586.D	16 Sep 2025 10:16	JC/MD	Ok,M
4	VSTDICC020	VX047587.D	16 Sep 2025 10:37	JC/MD	Ok,M
5	VSTDICCC050	VX047588.D	16 Sep 2025 10:58	JC/MD	Ok,M
6	VSTDICC100	VX047589.D	16 Sep 2025 11:40	JC/MD	Ok,M
7	VSTDICC150	VX047590.D	16 Sep 2025 12:01	JC/MD	Ok,M
8	IBLK	VX047591.D	16 Sep 2025 12:22	JC/MD	Ok
9	VSTDICV050	VX047592.D	16 Sep 2025 13:35	JC/MD	Ok,M
10	VX0916MBL01	VX047593.D	16 Sep 2025 14:03	JC/MD	Ok
11	VX0916WBL01	VX047594.D	16 Sep 2025 14:53	JC/MD	Ok
12	VX0916WBS01	VX047595.D	16 Sep 2025 15:21	JC/MD	Ok,M
13	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46	JC/MD	Ok,M
14	Q3015-01	VX047597.D	16 Sep 2025 16:07	JC/MD	Ok,M
15	VIBLK	VX047598.D	16 Sep 2025 16:30	JC/MD	Ok
16	VSTDCCC050	VX047599.D	16 Sep 2025 16:51	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100925

Review By	John Carlone	Review On	10/10/2025 8:13:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:25:23 PM		
SubDirectory	VX100925	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135790
Initial Calibration Stds	
CCC	VP135791,VP135792
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048071.D	09 Oct 2025 08:35	JC/MD	Ok
2	VSTDCCC050	VX048072.D	09 Oct 2025 09:06	JC/MD	Ok,M
3	VX1009MBL01	VX048073.D	09 Oct 2025 09:35	JC/MD	Ok
4	VX1009WBL01	VX048074.D	09 Oct 2025 09:55	JC/MD	Ok
5	VX1009MBS01	VX048075.D	09 Oct 2025 10:52	JC/MD	Ok,M
6	Q3318-04	VX048076.D	09 Oct 2025 11:29	JC/MD	Ok
7	PB170028TB	VX048077.D	09 Oct 2025 11:50	JC/MD	Ok,M
8	Q3302-06	VX048078.D	09 Oct 2025 12:10	JC/MD	Ok
9	VX1009WBS01	VX048079.D	09 Oct 2025 12:31	JC/MD	Not Ok
10	VX1009WBS02	VX048080.D	09 Oct 2025 12:58	JC/MD	Ok,M
11	Q3311-01	VX048081.D	09 Oct 2025 13:19	JC/MD	Dilution
12	Q3311-05	VX048082.D	09 Oct 2025 13:39	JC/MD	Dilution
13	Q3311-06	VX048083.D	09 Oct 2025 14:00	JC/MD	Dilution
14	Q3311-07	VX048084.D	09 Oct 2025 14:20	JC/MD	Ok
15	Q3311-08	VX048085.D	09 Oct 2025 14:41	JC/MD	Dilution
16	Q3311-09	VX048086.D	09 Oct 2025 15:01	JC/MD	Dilution
17	Q3311-10	VX048087.D	09 Oct 2025 15:22	JC/MD	Not Ok
18	IBLK	VX048088.D	09 Oct 2025 15:42	JC/MD	Ok
19	IBLK	VX048089.D	09 Oct 2025 16:03	JC/MD	Ok
20	IBLK	VX048090.D	09 Oct 2025 16:24	JC/MD	Ok
21	IBLK	VX048091.D	09 Oct 2025 16:44	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100925

Review By	John Carlone	Review On	10/10/2025 8:13:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:25:23 PM		
SubDirectory	VX100925	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135790
Initial Calibration Stds	
CCC	VP135791,VP135792
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	IBLK	VX048092.D	09 Oct 2025 17:05	JC/MD	Ok
23	IBLK	VX048093.D	09 Oct 2025 17:25	JC/MD	Ok
24	IBLK	VX048094.D	09 Oct 2025 17:46	JC/MD	Ok
25	IBLK	VX048095.D	09 Oct 2025 18:06	JC/MD	Ok
26	IBLK	VX048096.D	09 Oct 2025 18:27	JC/MD	Ok
27	Q3315-01MEDL	VX048097.D	09 Oct 2025 18:47	JC/MD	Ok
28	VSTDCCC050	VX048098.D	09 Oct 2025 19:08	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101025

Review By	John Carlone	Review On	10/13/2025 8:18:40 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/13/2025 2:18:23 PM		
SubDirectory	VX101025	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135802
Initial Calibration Stds	
CCC	VP135803,VP135804
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048099.D	10 Oct 2025 08:36	JC/MD	Ok
2	VSTDCCC050	VX048100.D	10 Oct 2025 10:45	JC/MD	Ok,M
3	VX1010MBL01	VX048101.D	10 Oct 2025 11:13	JC/MD	Ok
4	VX1010WBL01	VX048102.D	10 Oct 2025 11:33	JC/MD	Ok
5	VX1010MBS01	VX048103.D	10 Oct 2025 12:01	JC/MD	Ok,M
6	VX1010WBS01	VX048104.D	10 Oct 2025 12:30	JC/MD	Ok,M
7	Q3324-02	VX048105.D	10 Oct 2025 12:50	JC/MD	Ok
8	Q3324-03	VX048106.D	10 Oct 2025 13:11	JC/MD	ReRun
9	Q3324-04	VX048107.D	10 Oct 2025 13:31	JC/MD	Ok
10	Q3324-05	VX048108.D	10 Oct 2025 13:52	JC/MD	ReRun
11	Q3324-06	VX048109.D	10 Oct 2025 14:12	JC/MD	Ok
12	Q3324-08	VX048110.D	10 Oct 2025 14:33	JC/MD	ReRun
13	Q3324-09	VX048111.D	10 Oct 2025 14:53	JC/MD	Ok
14	Q3324-07	VX048112.D	10 Oct 2025 15:13	JC/MD	Ok
15	Q3311-10DL	VX048113.D	10 Oct 2025 15:34	JC/MD	Not Ok
16	Q3311-06DL	VX048114.D	10 Oct 2025 15:54	JC/MD	Ok
17	Q3311-01DL	VX048115.D	10 Oct 2025 16:15	JC/MD	Ok
18	Q3311-08DL	VX048116.D	10 Oct 2025 16:35	JC/MD	Ok
19	Q3311-05DL	VX048117.D	10 Oct 2025 16:56	JC/MD	Ok
20	Q3311-09DL	VX048118.D	10 Oct 2025 17:16	JC/MD	Ok
21	Q3311-11	VX048119.D	10 Oct 2025 17:37	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101025

Review By	John Carlone	Review On	10/13/2025 8:18:40 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/13/2025 2:18:23 PM		
SubDirectory	VX101025	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135802
Initial Calibration Stds	
CCC	VP135803,VP135804
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3311-12	VX048120.D	10 Oct 2025 17:57	JC/MD	Not Ok
23	Q3311-13	VX048121.D	10 Oct 2025 18:18	JC/MD	Not Ok
24	VX1010WBSD01	VX048122.D	10 Oct 2025 18:59	JC/MD	Ok,M
25	Q3315-01ME	VX048123.D	10 Oct 2025 19:19	JC/MD	Dilution
26	VSTDCCC050	VX048124.D	10 Oct 2025 19:40	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101325

Review By	John Carlone	Review On	10/14/2025 8:13:18 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/14/2025 3:53:26 PM		
SubDirectory	VX101325	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135805
Initial Calibration Stds	
CCC	VP135806,VP135807
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048125.D	13 Oct 2025 08:13	JC/MD	Ok
2	VSTDCCC050	VX048126.D	13 Oct 2025 08:55	JC/MD	Ok,M
3	VX1013MBL01	VX048127.D	13 Oct 2025 09:26	JC/MD	Ok
4	VX1013WBL01	VX048128.D	13 Oct 2025 09:46	JC/MD	Ok
5	VX1013WBS01	VX048129.D	13 Oct 2025 10:43	JC/MD	Ok,M
6	Q3324-03	VX048130.D	13 Oct 2025 11:03	JC/MD	Ok
7	VX1013WBSD01	VX048131.D	13 Oct 2025 11:24	JC/MD	Ok,M
8	Q3324-05	VX048132.D	13 Oct 2025 11:44	JC/MD	Ok
9	Q3324-08	VX048133.D	13 Oct 2025 12:05	JC/MD	Ok
10	Q3311-10	VX048134.D	13 Oct 2025 12:25	JC/MD	Ok
11	Q3311-12	VX048135.D	13 Oct 2025 12:46	JC/MD	Dilution
12	Q3311-12DL	VX048136.D	13 Oct 2025 13:06	JC/MD	Not Ok
13	Q3311-13	VX048137.D	13 Oct 2025 13:27	JC/MD	Dilution
14	Q3311-13DL	VX048138.D	13 Oct 2025 13:47	JC/MD	Not Ok
15	Q3311-14	VX048139.D	13 Oct 2025 14:08	JC/MD	Not Ok
16	Q3311-15	VX048140.D	13 Oct 2025 14:28	JC/MD	Not Ok
17	Q3331-04	VX048141.D	13 Oct 2025 14:49	JC/MD	Ok
18	PB170063TB	VX048142.D	13 Oct 2025 15:10	JC/MD	Ok
19	Q3321-02	VX048143.D	13 Oct 2025 15:30	JC/MD	Ok
20	Q3326-04	VX048144.D	13 Oct 2025 15:51	JC/MD	Ok
21	Q3326-08	VX048145.D	13 Oct 2025 16:11	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101325

Review By	John Carlone	Review On	10/14/2025 8:13:18 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/14/2025 3:53:26 PM		
SubDirectory	VX101325	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135805
Initial Calibration Stds	
CCC	VP135806,VP135807
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3327-02	VX048146.D	13 Oct 2025 16:32	JC/MD	Ok
23	Q3311-14	VX048147.D	13 Oct 2025 16:52	JC/MD	Not Ok
24	Q3311-02	VX048148.D	13 Oct 2025 17:13	JC/MD	Not Ok
25	Q3311-03MS	VX048149.D	13 Oct 2025 17:33	JC/MD	Not Ok
26	Q3311-04MSD	VX048150.D	13 Oct 2025 17:54	JC/MD	Not Ok
27	VSTDCCC050	VX048151.D	13 Oct 2025 18:15	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048152.D	14 Oct 2025 09:33	JC/MD	Ok
2	VSTDCCC050	VX048153.D	14 Oct 2025 10:02	JC/MD	Ok,M
3	VX1014MBL01	VX048154.D	14 Oct 2025 10:32	JC/MD	Ok
4	VX1014WBL01	VX048155.D	14 Oct 2025 10:52	JC/MD	Ok
5	VX1014WBS01	VX048156.D	14 Oct 2025 11:20	JC/MD	Ok,M
6	VX1014WBSD01	VX048157.D	14 Oct 2025 11:47	JC/MD	Ok,M
7	Q3311-13DL	VX048158.D	14 Oct 2025 12:28	JC/MD	Ok
8	Q3311-14	VX048159.D	14 Oct 2025 12:49	JC/MD	Dilution
9	Q3311-14DL	VX048160.D	14 Oct 2025 13:09	JC/MD	Ok
10	Q3311-15	VX048161.D	14 Oct 2025 13:30	JC/MD	Ok
11	Q3312-01	VX048162.D	14 Oct 2025 13:50	JC/MD	Not Ok
12	VX1014MBS01	VX048163.D	14 Oct 2025 14:11	JC/MD	Not Ok
13	VX1014MBS02	VX048164.D	14 Oct 2025 14:31	JC/MD	Ok,M
14	Q3276-01	VX048165.D	14 Oct 2025 14:52	JC/MD	Not Ok
15	Q3276-02	VX048166.D	14 Oct 2025 15:13	JC/MD	Ok,M
16	IBLK	VX048167.D	14 Oct 2025 15:33	JC/MD	Ok
17	Q3276-01	VX048168.D	14 Oct 2025 15:54	JC/MD	Not Ok
18	IBLK	VX048169.D	14 Oct 2025 16:14	JC/MD	Ok
19	Q3345-07	VX048170.D	14 Oct 2025 16:35	JC/MD	Ok
20	Q3312-01	VX048171.D	14 Oct 2025 16:56	JC/MD	Ok
21	Q3325-07	VX048172.D	14 Oct 2025 17:16	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3325-08	VX048173.D	14 Oct 2025 17:37	JC/MD	Ok
23	Q3325-09	VX048174.D	14 Oct 2025 17:57	JC/MD	Ok
24	Q3325-10	VX048175.D	14 Oct 2025 18:18	JC/MD	Ok
25	Q3311-02	VX048176.D	14 Oct 2025 18:38	JC/MD	Ok
26	Q3311-03MS	VX048177.D	14 Oct 2025 18:59	JC/MD	Ok,M
27	Q3311-04MSD	VX048178.D	14 Oct 2025 19:20	JC/MD	Ok,M
28	VSTDCCC050	VX048179.D	14 Oct 2025 19:40	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101725

Review By	John Carlone	Review On	10/20/2025 8:29:16 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/20/2025 3:54:51 PM		
SubDirectory	VX101725	HP Acquire Method		HP Processing Method	82X101725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135829
Initial Calibration Stds	VP135861,VP135862,VP135863,VP135864,VP135865,VP135866
CCC	VP135830
Internal Standard/PEM	
ICV/I.BLK	VP135867
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX048197.D	17 Oct 2025 08:17	JC/MD	Ok
2	VSTDICC001	VX048198.D	17 Oct 2025 08:45	JC/MD	Ok,M
3	VSTDICC005	VX048199.D	17 Oct 2025 09:14	JC/MD	Ok,M
4	VSTDICC020	VX048200.D	17 Oct 2025 09:35	JC/MD	Ok,M
5	VSTDICCC050	VX048201.D	17 Oct 2025 09:55	JC/MD	Ok,M
6	VSTDICC100	VX048202.D	17 Oct 2025 10:16	JC/MD	Ok,M
7	VSTDICC150	VX048203.D	17 Oct 2025 10:36	JC/MD	Ok,M
8	IBLK	VX048204.D	17 Oct 2025 10:57	JC/MD	Ok
9	VSTDICV050	VX048205.D	17 Oct 2025 12:05	JC/MD	Ok,M
10	VX1017MBL01	VX048206.D	17 Oct 2025 12:54	JC/MD	Ok
11	VX1017WBL01	VX048207.D	17 Oct 2025 13:15	JC/MD	Ok
12	Q3311-12DL	VX048208.D	17 Oct 2025 13:43	JC/MD	Ok
13	VX1017WBS01	VX048209.D	17 Oct 2025 14:03	JC/MD	Ok,M
14	VX1017WBSD01	VX048210.D	17 Oct 2025 14:30	JC/MD	Ok,M
15	Q3361-02	VX048211.D	17 Oct 2025 14:51	JC/MD	Ok
16	Q3362-02	VX048212.D	17 Oct 2025 15:11	JC/MD	Ok
17	PB170117TB	VX048213.D	17 Oct 2025 15:32	JC/MD	Ok
18	Q3348-04	VX048214.D	17 Oct 2025 15:52	JC/MD	Ok,M
19	Q3352-04	VX048215.D	17 Oct 2025 16:13	JC/MD	Ok
20	Q3354-02	VX048216.D	17 Oct 2025 16:34	JC/MD	Ok
21	Q3357-01	VX048217.D	17 Oct 2025 16:54	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101725

Review By	John Carlone	Review On	10/20/2025 8:29:16 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/20/2025 3:54:51 PM		
SubDirectory	VX101725	HP Acquire Method		HP Processing Method	82X101725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135829
Initial Calibration Stds	VP135861,VP135862,VP135863,VP135864,VP135865,VP135866
CCC	VP135830
Internal Standard/PEM	
ICV/I.BLK	VP135867
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q3357-02	VX048218.D	17 Oct 2025 17:15	JC/MD	Ok
23	Q3357-03	VX048219.D	17 Oct 2025 17:36	JC/MD	Ok
24	Q3357-04	VX048220.D	17 Oct 2025 17:56	JC/MD	Ok
25	Q3362-01	VX048221.D	17 Oct 2025 18:17	JC/MD	Ok
26	Q3361-01	VX048222.D	17 Oct 2025 18:37	JC/MD	Dilution
27	IBLK	VX048223.D	17 Oct 2025 18:58	JC/MD	Ok
28	Q3349-01	VX048224.D	17 Oct 2025 19:19	JC/MD	Ok
29	VSTDCCC050	VX048225.D	17 Oct 2025 19:39	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX091625

Review By	John Carlone	Review On	9/17/2025 8:27:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/18/2025 3:22:52 PM		
SubDirectory	VX091625	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135487
Initial Calibration Stds	VP135489,VP135490,VP135491,VP135492,VP135493,VP135494
CCC	VP135488
Internal Standard/PEM	
ICV/I.BLK	VP135495
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX047584.D	16 Sep 2025 08:56		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX047585.D	16 Sep 2025 09:23		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX047586.D	16 Sep 2025 10:16	QR-58	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX047587.D	16 Sep 2025 10:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX047588.D	16 Sep 2025 10:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX047589.D	16 Sep 2025 11:40		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX047590.D	16 Sep 2025 12:01		JC/MD	Ok,M
8	IBLK	IBLK	VX047591.D	16 Sep 2025 12:22		JC/MD	Ok
9	VSTDICV050	ICVVX091625	VX047592.D	16 Sep 2025 13:35		JC/MD	Ok,M
10	VX0916MBL01	VX0916MBL01	VX047593.D	16 Sep 2025 14:03		JC/MD	Ok
11	VX0916WBL01	VX0916WBL01	VX047594.D	16 Sep 2025 14:53		JC/MD	Ok
12	VX0916WBS01	VX0916WBS01	VX047595.D	16 Sep 2025 15:21		JC/MD	Ok,M
13	VX0916WBSD01	VX0916WBSD01	VX047596.D	16 Sep 2025 15:46		JC/MD	Ok,M
14	Q3015-01	WP0925-PT-VOA-WP	VX047597.D	16 Sep 2025 16:07		JC/MD	Ok,M
15	VIBLK	VIBLK	VX047598.D	16 Sep 2025 16:30		JC/MD	Ok
16	VSTDCCC050	VSTDCCC050EC	VX047599.D	16 Sep 2025 16:51		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100925

Review By	John Carlone	Review On	10/10/2025 8:13:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:25:23 PM		
SubDirectory	VX100925	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135790
Initial Calibration Stds	
CCC	VP135791,VP135792
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048071.D	09 Oct 2025 08:35		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048072.D	09 Oct 2025 09:06	pH#Lot#V12668	JC/MD	Ok,M
3	VX1009MBL01	VX1009MBL01	VX048073.D	09 Oct 2025 09:35		JC/MD	Ok
4	VX1009WBL01	VX1009WBL01	VX048074.D	09 Oct 2025 09:55		JC/MD	Ok
5	VX1009MBS01	VX1009MBS01	VX048075.D	09 Oct 2025 10:52		JC/MD	Ok,M
6	Q3318-04	3436	VX048076.D	09 Oct 2025 11:29	vial A pH<2 turbid sample/ odor	JC/MD	Ok
7	PB170028TB	PB170028TB	VX048077.D	09 Oct 2025 11:50		JC/MD	Ok,M
8	Q3302-06	OR-658-COMP-01	VX048078.D	09 Oct 2025 12:10	vial A pH#5.0	JC/MD	Ok
9	VX1009WBS01	VX1009WBS01	VX048079.D	09 Oct 2025 12:31	Recovery fail	JC/MD	Not Ok
10	VX1009WBS02	VX1009WBS02	VX048080.D	09 Oct 2025 12:58		JC/MD	Ok,M
11	Q3311-01	MW-218	VX048081.D	09 Oct 2025 13:19	vial A pH<2 Need 10X	JC/MD	Dilution
12	Q3311-05	MW-1S	VX048082.D	09 Oct 2025 13:39	vial A pH<2 Need 50X	JC/MD	Dilution
13	Q3311-06	MW-1D	VX048083.D	09 Oct 2025 14:00	vial A pH<2 Need 5X	JC/MD	Dilution
14	Q3311-07	MW-2S	VX048084.D	09 Oct 2025 14:20	vial A pH<2	JC/MD	Ok
15	Q3311-08	MW-101S	VX048085.D	09 Oct 2025 14:41	vial A pH<2 Need 10X	JC/MD	Dilution
16	Q3311-09	C-MW-3	VX048086.D	09 Oct 2025 15:01	vial A pH<2 Need 500X	JC/MD	Dilution
17	Q3311-10	MW-5BA	VX048087.D	09 Oct 2025 15:22	vial A pH<2 Need 5X dilution;E flag of previous sample	JC/MD	Not Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX100925

Review By	John Carlone	Review On	10/10/2025 8:13:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/10/2025 4:25:23 PM		
SubDirectory	VX100925	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135790
Initial Calibration Stds	
CCC	VP135791,VP135792
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX048088.D	09 Oct 2025 15:42		JC/MD	Ok
19	IBLK	IBLK	VX048089.D	09 Oct 2025 16:03		JC/MD	Ok
20	IBLK	IBLK	VX048090.D	09 Oct 2025 16:24		JC/MD	Ok
21	IBLK	IBLK	VX048091.D	09 Oct 2025 16:44		JC/MD	Ok
22	IBLK	IBLK	VX048092.D	09 Oct 2025 17:05		JC/MD	Ok
23	IBLK	IBLK	VX048093.D	09 Oct 2025 17:25		JC/MD	Ok
24	IBLK	IBLK	VX048094.D	09 Oct 2025 17:46		JC/MD	Ok
25	IBLK	IBLK	VX048095.D	09 Oct 2025 18:06		JC/MD	Ok
26	IBLK	IBLK	VX048096.D	09 Oct 2025 18:27		JC/MD	Ok
27	Q3315-01MEDL	314MEDL	VX048097.D	09 Oct 2025 18:47		JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX048098.D	09 Oct 2025 19:08		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101025

Review By	John Carlone	Review On	10/13/2025 8:18:40 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/13/2025 2:18:23 PM		
SubDirectory	VX101025	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135802
Initial Calibration Stds	
CCC	VP135803,VP135804
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048099.D	10 Oct 2025 08:36		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048100.D	10 Oct 2025 10:45	pH#Lot#V12668	JC/MD	Ok,M
3	VX1010MBL01	VX1010MBL01	VX048101.D	10 Oct 2025 11:13		JC/MD	Ok
4	VX1010WBL01	VX1010WBL01	VX048102.D	10 Oct 2025 11:33		JC/MD	Ok
5	VX1010MBS01	VX1010MBS01	VX048103.D	10 Oct 2025 12:01		JC/MD	Ok,M
6	VX1010WBS01	VX1010WBS01	VX048104.D	10 Oct 2025 12:30		JC/MD	Ok,M
7	Q3324-02	BP-VPB-184-TB-20251	VX048105.D	10 Oct 2025 12:50	vial A pH<2 TB	JC/MD	Ok
8	Q3324-03	BP-VPB-184-EB-20251	VX048106.D	10 Oct 2025 13:11	vial A pH<2 EB;Hit of Com.#16	JC/MD	ReRun
9	Q3324-04	BP-VPB-184-GW-760-7	VX048107.D	10 Oct 2025 13:31	vial A pH<2	JC/MD	Ok
10	Q3324-05	BP-VPB-184-GW-780-7	VX048108.D	10 Oct 2025 13:52	vial A pH<2 Surrogate Fail	JC/MD	ReRun
11	Q3324-06	BP-VPB-184-GW-840-8	VX048109.D	10 Oct 2025 14:12	vial A pH<2	JC/MD	Ok
12	Q3324-08	BP-VPB-184-DUP-2025	VX048110.D	10 Oct 2025 14:33	vial A pH<2 Surrogate Fail	JC/MD	ReRun
13	Q3324-09	BP-VPB-184-GW-820-8	VX048111.D	10 Oct 2025 14:53	vial A+B+C pH<2	JC/MD	Ok
14	Q3324-07	BP-VPB-184-GW-860-8	VX048112.D	10 Oct 2025 15:13	vial A pH<2	JC/MD	Ok
15	Q3311-10DL	MW-5BADL	VX048113.D	10 Oct 2025 15:34	Need Straight Run	JC/MD	Not Ok
16	Q3311-06DL	MW-1DDL	VX048114.D	10 Oct 2025 15:54	vial B pH<2	JC/MD	Ok
17	Q3311-01DL	MW-218DL	VX048115.D	10 Oct 2025 16:15	vial B pH<2	JC/MD	Ok
18	Q3311-08DL	MW-101SDL	VX048116.D	10 Oct 2025 16:35	vial B pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101025

Review By	John Carlone	Review On	10/13/2025 8:18:40 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/13/2025 2:18:23 PM		
SubDirectory	VX101025	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135802
Initial Calibration Stds	
CCC	VP135803,VP135804
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3311-05DL	MW-1SDL	VX048117.D	10 Oct 2025 16:56	vial B pH<2	JC/MD	Ok
20	Q3311-09DL	C-MW-3DL	VX048118.D	10 Oct 2025 17:16	vial B pH<2	JC/MD	Ok
21	Q3311-11	MW-6BA	VX048119.D	10 Oct 2025 17:37	vial A pH<2	JC/MD	Ok
22	Q3311-12	MW-214D	VX048120.D	10 Oct 2025 17:57	Run @ lower dilution	JC/MD	Not Ok
23	Q3311-13	MW-215D	VX048121.D	10 Oct 2025 18:18	Run @ lower dilution	JC/MD	Not Ok
24	VX1010WBSD01	VX1010WBSD01	VX048122.D	10 Oct 2025 18:59		JC/MD	Ok,M
25	Q3315-01ME	314ME	VX048123.D	10 Oct 2025 19:19	Need 20X	JC/MD	Dilution
26	VSTDCCC050	VSTDCCC050EC	VX048124.D	10 Oct 2025 19:40		JC/MD	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP
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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101325

Review By	John Carlone	Review On	10/14/2025 8:13:18 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/14/2025 3:53:26 PM		
SubDirectory	VX101325	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135805
Initial Calibration Stds	
CCC	VP135806,VP135807
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048125.D	13 Oct 2025 08:13		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048126.D	13 Oct 2025 08:55	pH#Lot#V12668	JC/MD	Ok,M
3	VX1013MBL01	VX1013MBL01	VX048127.D	13 Oct 2025 09:26		JC/MD	Ok
4	VX1013WBL01	VX1013WBL01	VX048128.D	13 Oct 2025 09:46		JC/MD	Ok
5	VX1013WBS01	VX1013WBS01	VX048129.D	13 Oct 2025 10:43		JC/MD	Ok,M
6	Q3324-03	BP-VPB-184-EB-20251	VX048130.D	13 Oct 2025 11:03	vial B pH<2 EB	JC/MD	Ok
7	VX1013WBSD01	VX1013WBSD01	VX048131.D	13 Oct 2025 11:24		JC/MD	Ok,M
8	Q3324-05	BP-VPB-184-GW-780-7	VX048132.D	13 Oct 2025 11:44	vial B pH<2	JC/MD	Ok
9	Q3324-08	BP-VPB-184-DUP-2025	VX048133.D	13 Oct 2025 12:05	vial B pH<2	JC/MD	Ok
10	Q3311-10	MW-5BA	VX048134.D	13 Oct 2025 12:25	vial A pH<2	JC/MD	Ok
11	Q3311-12	MW-214D	VX048135.D	13 Oct 2025 12:46	vial A pH<2 Need 5X	JC/MD	Dilution
12	Q3311-12DL	MW-214DDL	VX048136.D	13 Oct 2025 13:06	vial B pH<2	JC/MD	Not Ok
13	Q3311-13	MW-215D	VX048137.D	13 Oct 2025 13:27	vial A pH<2 Need 5X	JC/MD	Dilution
14	Q3311-13DL	MW-215DDL	VX048138.D	13 Oct 2025 13:47	Not match for com.#64	JC/MD	Not Ok
15	Q3311-14	MW-227B	VX048139.D	13 Oct 2025 14:08	Run @ lower dilution	JC/MD	Not Ok
16	Q3311-15	GW-DUP	VX048140.D	13 Oct 2025 14:28	Run @ lower dilution	JC/MD	Not Ok
17	Q3331-04	RINGWOOD	VX048141.D	13 Oct 2025 14:49	vial A pH<2 foamy sample	JC/MD	Ok
18	PB170063TB	PB170063TB	VX048142.D	13 Oct 2025 15:10		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101325

Review By	John Carlone	Review On	10/14/2025 8:13:18 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/14/2025 3:53:26 PM		
SubDirectory	VX101325	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135805
Initial Calibration Stds	
CCC	VP135806,VP135807
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3321-02	P001-DS-01	VX048143.D	13 Oct 2025 15:30	vial A pH#5.0	JC/MD	Ok
20	Q3326-04	TP-1	VX048144.D	13 Oct 2025 15:51	vial A pH#5.0	JC/MD	Ok
21	Q3326-08	TP-2	VX048145.D	13 Oct 2025 16:11	vial A pH#5.0	JC/MD	Ok
22	Q3327-02	HADLEY-ROAD-TP	VX048146.D	13 Oct 2025 16:32	vial A pH#5.0	JC/MD	Ok
23	Q3311-14	MW-227B	VX048147.D	13 Oct 2025 16:52	Run @ lower dilution,Not match for com.#64	JC/MD	Not Ok
24	Q3311-02	MW-219	VX048148.D	13 Oct 2025 17:13	Need straight run	JC/MD	Not Ok
25	Q3311-03MS	MW-219MS	VX048149.D	13 Oct 2025 17:33	Need straight run	JC/MD	Not Ok
26	Q3311-04MSD	MW-219MSD	VX048150.D	13 Oct 2025 17:54	Need straight run	JC/MD	Not Ok
27	VSTDCCC050	VSTDCCC050EC	VX048151.D	13 Oct 2025 18:15		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048152.D	14 Oct 2025 09:33		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX048153.D	14 Oct 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
3	VX1014MBL01	VX1014MBL01	VX048154.D	14 Oct 2025 10:32		JC/MD	Ok
4	VX1014WBL01	VX1014WBL01	VX048155.D	14 Oct 2025 10:52		JC/MD	Ok
5	VX1014WBS01	VX1014WBS01	VX048156.D	14 Oct 2025 11:20	Recovery failed low for comp. #18,19	JC/MD	Ok,M
6	VX1014WBSD01	VX1014WBSD01	VX048157.D	14 Oct 2025 11:47	Recovery failed low for comp. #18	JC/MD	Ok,M
7	Q3311-13DL	MW-215DDL	VX048158.D	14 Oct 2025 12:28	vial B pH<2	JC/MD	Ok
8	Q3311-14	MW-227B	VX048159.D	14 Oct 2025 12:49	vial A pH<2 Need 5X	JC/MD	Dilution
9	Q3311-14DL	MW-227BDL	VX048160.D	14 Oct 2025 13:09	vial B pH<2	JC/MD	Ok
10	Q3311-15	GW-DUP	VX048161.D	14 Oct 2025 13:30	vial A pH<2	JC/MD	Ok
11	Q3312-01	362Kingsland-001S	VX048162.D	14 Oct 2025 13:50	Need Straight Run	JC/MD	Not Ok
12	VX1014MBS01	VX1014MBS01	VX048163.D	14 Oct 2025 14:11	Recovery failed	JC/MD	Not Ok
13	VX1014MBS02	VX1014MBS02	VX048164.D	14 Oct 2025 14:31		JC/MD	Ok,M
14	Q3276-01	SB2	VX048165.D	14 Oct 2025 14:52	Need Straight Run	JC/MD	Not Ok
15	Q3276-02	SB2A	VX048166.D	14 Oct 2025 15:13		JC/MD	Ok,M
16	IBLK	IBLK	VX048167.D	14 Oct 2025 15:33		JC/MD	Ok
17	Q3276-01	SB2	VX048168.D	14 Oct 2025 15:54	Need Soil run	JC/MD	Not Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101425

Review By	Mahesh Dadoda	Review On	10/16/2025 2:42:04 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	10/16/2025 2:46:27 AM		
SubDirectory	VX101425	HP Acquire Method		HP Processing Method	82X091625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135811
Initial Calibration Stds	
CCC	VP135812,VP135813
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX048169.D	14 Oct 2025 16:14		JC/MD	Ok
19	Q3345-07	TANK-FARM-WATER	VX048170.D	14 Oct 2025 16:35	vial A pH<2	JC/MD	Ok
20	Q3312-01	362Kingsland-001S	VX048171.D	14 Oct 2025 16:56	vial A pH<2	JC/MD	Ok
21	Q3325-07	STORAGE-BLANK-SAI	VX048172.D	14 Oct 2025 17:16	vial A pH<2	JC/MD	Ok
22	Q3325-08	STORAGE-BLANK-WA	VX048173.D	14 Oct 2025 17:37	vial A pH<2	JC/MD	Ok
23	Q3325-09	STORAGE-BLANK-WA	VX048174.D	14 Oct 2025 17:57	vial A pH<2	JC/MD	Ok
24	Q3325-10	STORAGE-BLANK-SAI	VX048175.D	14 Oct 2025 18:18	vial A pH<2	JC/MD	Ok
25	Q3311-02	MW-219	VX048176.D	14 Oct 2025 18:38	vial A pH<2	JC/MD	Ok
26	Q3311-03MS	MW-219MS	VX048177.D	14 Oct 2025 18:59	vial A pH<2	JC/MD	Ok,M
27	Q3311-04MSD	MW-219MSD	VX048178.D	14 Oct 2025 19:20	vial A pH<2	JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX048179.D	14 Oct 2025 19:40		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101725

Review By	John Carlone	Review On	10/20/2025 8:29:16 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/20/2025 3:54:51 PM		
SubDirectory	VX101725	HP Acquire Method		HP Processing Method	82X101725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135829
Initial Calibration Stds	VP135861,VP135862,VP135863,VP135864,VP135865,VP135866
CCC	VP135830
Internal Standard/PEM	
ICV/I.BLK	VP135867
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX048197.D	17 Oct 2025 08:17		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX048198.D	17 Oct 2025 08:45	pH#Lot#V12668	JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX048199.D	17 Oct 2025 09:14		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX048200.D	17 Oct 2025 09:35		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX048201.D	17 Oct 2025 09:55	Comp. #58 on Linear Regression	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX048202.D	17 Oct 2025 10:16		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX048203.D	17 Oct 2025 10:36		JC/MD	Ok,M
8	IBLK	IBLK	VX048204.D	17 Oct 2025 10:57		JC/MD	Ok
9	VSTDICV050	ICVVX101725	VX048205.D	17 Oct 2025 12:05	ICV Failed for comp. #13 for DOD	JC/MD	Ok,M
10	VX1017MBL01	VX1017MBL01	VX048206.D	17 Oct 2025 12:54		JC/MD	Ok
11	VX1017WBL01	VX1017WBL01	VX048207.D	17 Oct 2025 13:15		JC/MD	Ok
12	Q3311-12DL	MW-214DDL	VX048208.D	17 Oct 2025 13:43	vial B pH<2	JC/MD	Ok
13	VX1017WBS01	VX1017WBS01	VX048209.D	17 Oct 2025 14:03		JC/MD	Ok,M
14	VX1017WBSD01	VX1017WBSD01	VX048210.D	17 Oct 2025 14:30		JC/MD	Ok,M
15	Q3361-02	Trip blank 251015076-0	VX048211.D	17 Oct 2025 14:51	vial B pH#6.0 TB	JC/MD	Ok
16	Q3362-02	Trip blank 251015076-0	VX048212.D	17 Oct 2025 15:11	vial B pH#6.0 TB	JC/MD	Ok
17	PB170117TB	PB170117TB	VX048213.D	17 Oct 2025 15:32		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX101725

Review By	John Carlone	Review On	10/20/2025 8:29:16 AM		
Supervise By	Mahesh Dadoda	Supervise On	10/20/2025 3:54:51 PM		
SubDirectory	VX101725	HP Acquire Method		HP Processing Method	82X101725W.M

STD. NAME	STD REF.#
Tune/Reschk	VP135829
Initial Calibration Stds	VP135861,VP135862,VP135863,VP135864,VP135865,VP135866
CCC	VP135830
Internal Standard/PEM	
ICV/I.BLK	VP135867
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q3348-04	WCS-TP1	VX048214.D	17 Oct 2025 15:52	vial B pH#5.0	JC/MD	Ok,M
19	Q3352-04	TP-3	VX048215.D	17 Oct 2025 16:13	vial A pH#5.0	JC/MD	Ok
20	Q3354-02	HT1403	VX048216.D	17 Oct 2025 16:34	vial A pH#5.0	JC/MD	Ok
21	Q3357-01	DRUM-1	VX048217.D	17 Oct 2025 16:54	vial A pH#5.0	JC/MD	Ok
22	Q3357-02	DRUM-2	VX048218.D	17 Oct 2025 17:15	vial A pH#5.0	JC/MD	Ok
23	Q3357-03	DRUM-3	VX048219.D	17 Oct 2025 17:36	vial A pH#5.0	JC/MD	Ok
24	Q3357-04	DRUM-4	VX048220.D	17 Oct 2025 17:56	vial A pH#5.0	JC/MD	Ok
25	Q3362-01	VOA 251015085-01	VX048221.D	17 Oct 2025 18:17	vial C pH#6.0 Surrogate Fail	JC/MD	Ok
26	Q3361-01	VOA 251015111-01	VX048222.D	17 Oct 2025 18:37	vial C pH#6.0 Need 10X	JC/MD	Dilution
27	IBLK	IBLK	VX048223.D	17 Oct 2025 18:58		JC/MD	Ok
28	Q3349-01	PURS Station	VX048224.D	17 Oct 2025 19:19	vial A pH#5.0 Oil sample	JC/MD	Ok
29	VSTDCCC050	VSTDCCC050EC	VX048225.D	17 Oct 2025 19:39		JC/MD	Ok,M

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Prep Standard - Chemical Standard Summary

Order ID : Q3311

Test : VOC-TCLVOA-10

Prepbatch ID :

Sequence ID/Qc Batch ID: VX100925,VX101025,VX101325,VX101425,VX101725,

Standard ID :
VP134142,VP134145,VP134149,VP134151,VP134263,VP134742,VP134933,VP134935,VP134956,VP134957,VP135480,VP135552,VP135554,VP135722,VP135790,VP135791,VP135792,VP135802,VP135803,VP135804,VP135805,VP135806,VP135807,VP135811,VP135812,VP135813,VP135829,VP135830,VP135834,VP135836,VP135838,VP135861,VP135862,VP135863,VP135864,VP135865,VP135866,VP135867,

Chemical ID :
V12968,V13391,V13450,V13583,V13584,V14130,V14183,V14200,V14204,V14205,V14290,V14509,V14510,V14531,V14532,V14625,V14626,V14629,V14636,V14637,V14638,V14639,V14668,V14671,V14673,V14675,V14727,V14728,V14796,V14803,V14815,V14844,V14906,V14921,V14928,V14929,V14951,V14952,V14973,V14992,V15010,V15066,V15067,V15068,V15073,V15074,V15075,V15076,V15077,W3112,

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
719	8260 Working STD (BCM)-First source, 400PPM	VP134142	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14668 + 1.00000ml of V14671 + 1.00000ml of V14673 + 1.00000ml of V14675 + 16.00000ml of V14929 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
253	8260 Working STD (BCM)-First source, 20PPM	VP134145	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 0.50000ml of V14675 + 49.50000ml of V14929 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP134149	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14636 + 1.00000ml of V14637 + 1.00000ml of V14638 + 1.00000ml of V14639 + 46.00000ml of V14929 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1812	8260 Working Std(2-CVE)-100ppm	VP134151	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 0.25000ml of V14639 + 24.75000ml of V14929 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1817	8260 Working Std(2-CVE)-SS, 800ppm	VP134263	06/11/2025	11/12/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/12/2025

FROM 0.60000ml of V13584 + 1.00000ml of V13583 + 18.40000ml of V14921 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
262	8260 Working STD (BCM)-Second source, 100PPM	VP134742	07/14/2025	01/07/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 07/23/2025

FROM 1.00000ml of V12968 + 9.00000ml of V14629 = Final Quantity: 10.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
617	8260 Surrogate, 400PPM	VP134933	07/29/2025	01/29/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/19/2025

FROM 0.40000ml of V14906 + 24.60000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1738	8260 surrogate 20 ppm	VP134935	07/29/2025	01/29/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.02000ml of V14906 + 24.99000ml of V14625 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP134956	08/01/2025	11/09/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.25000ml of V14290 + 24.75000ml of V14626 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP134957	08/01/2025	11/22/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.50000ml of V13391 + 49.50000ml of V14625 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP135480	09/16/2025	10/15/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/19/2025

FROM 1.00000ml of V15066 + 1.50000ml of V15067 + 1.50000ml of V15068 + 21.00000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
257	8260 Calibration Working STD Mix-First source, 160PPM	VP135552	09/22/2025	11/03/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/26/2025

FROM 0.40000ml of V14844 + 1.00000ml of V14200 + 1.00000ml of V14509 + 1.00000ml of V14510 + 1.00000ml of V14531 + 1.00000ml of V14532 + 1.00000ml of V14727 + 1.00000ml of V14728 + 1.00000ml of V14803 + 1.00000ml of V14815 + 1.00000ml of V14951 + 1.00000ml of V14952 + 1.50000ml of V14204 + 1.50000ml of V14205 + 10.60000ml of V14928 = Final Quantity: 25.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
245	8260 Calibration Working STD Mix-First source, 20PPM	VP135554	09/22/2025	11/03/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/26/2025

FROM 17.50000ml of V14928 + 2.50000ml of VP135552 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
259	8260 Calibration Working STD Mix-Second source, 160PPM	VP135722	10/01/2025	11/11/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 10/17/2025

FROM 0.16000ml of V13450 + 0.80000ml of V14130 + 0.80000ml of V14183 + 0.80000ml of V14796 + 0.80000ml of V14973 + 0.80000ml of V14992 + 1.60000ml of V15010 + 4.24000ml of V14928 = Final Quantity: 10.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135790	10/09/2025	10/10/2025	John Carlone	None	None	Mahesh Dadoda 10/17/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135791	10/09/2025	10/10/2025	John Carlone	None	None	Mahesh Dadoda 10/17/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135792	10/09/2025	10/10/2025	John Carlone	None	None	Mahesh Dadoda 10/17/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135802	10/10/2025	10/11/2025	John Carlone	None	None	Mahesh Dadoda 10/15/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135803	10/10/2025	10/11/2025	John Carlone	None	None	Mahesh Dadoda 10/15/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135804	10/10/2025	10/11/2025	John Carlone	None	None	Mahesh Dadoda 10/15/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135805	10/13/2025	10/14/2025	John Carlone	None	None	Mahesh Dadoda 10/15/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135806	10/13/2025	10/14/2025	John Carlone	None	None	Mahesh Dadoda 10/15/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135807	10/13/2025	10/14/2025	John Carlone	None	None	Mahesh Dadoda 10/15/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135811	10/14/2025	10/15/2025	John Carlone	None	None	Mahesh Dadoda 10/16/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135812	10/14/2025	10/15/2025	John Carlone	None	None	Mahesh Dadoda 10/16/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135813	10/14/2025	10/15/2025	John Carlone	None	None	Mahesh Dadoda 10/16/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135480 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP135829	10/17/2025	10/18/2025	John Carlone	None	None	Mahesh Dadoda 10/17/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP134957 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
620	50 PPB CCC, 8260-Water	VP135830	10/17/2025	10/18/2025	John Carlone	None	None	Mahesh Dadoda 10/17/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135552 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP135834	10/17/2025	11/16/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 10/17/2025

FROM 1.00000ml of V15073 + 1.50000ml of V15074 + 1.50000ml of V15075 + 21.00000ml of V14928 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
180	8260 Working STD (Acrolein)-First source, 100PPM	VP135836	10/17/2025	11/16/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 10/17/2025

FROM 17.50000ml of V14928 + 2.50000ml of VP135834 = Final Quantity: 20.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
263	8260 Working STD (Acrolein)-Second source, 800PPM	VP135838	10/17/2025	11/15/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 10/17/2025

FROM 0.60000ml of V15077 + 1.00000ml of V15076 + 8.40000ml of V14928 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
334	1 PPB ICC, 8260-Water	VP135861	10/17/2025	10/18/2025	John Carlone	None	None	Semsettin Yesilyurt 10/21/2025

FROM 39.98200ml of W3112 + 0.00200ml of VP134145 + 0.00200ml of VP134151 + 0.00200ml of VP134935 + 0.00200ml of VP135554 + 0.00200ml of VP135836 + 0.00800ml of VP134956 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
335	5 PPB ICC, 8260-Water	VP135862	10/17/2025	10/18/2025	John Carlone	None	None	Semsettin Yesilyurt 10/21/2025

FROM 39.94200ml of W3112 + 0.00800ml of VP134956 + 0.01000ml of VP134145 + 0.01000ml of VP134151 + 0.01000ml of VP134935 + 0.01000ml of VP135554 + 0.01000ml of VP135836 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
337	20 PPB ICC, 8260-Water	VP135863	10/17/2025	10/18/2025	John Carlone	None	None	Semsettin Yesilyurt 10/21/2025

FROM 39.97000ml of W3112 + 0.00200ml of VP134142 + 0.00200ml of VP134933 + 0.00500ml of VP134149 + 0.00500ml of VP135552 + 0.00500ml of VP135834 + 0.00800ml of VP134956 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
380	50 PPB ICC, 8260-Water	VP135864	10/17/2025	10/18/2025	John Carlone	None	None	Semsettin Yesilyurt 10/21/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP134142 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134149 + 0.01250ml of VP135552 + 0.01250ml of VP135834 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
381	100 PPB ICC, 8260-Water	VP135865	10/17/2025	10/18/2025	John Carlone	None	None	Semsettin Yesilyurt 10/21/2025

FROM 39.89700ml of W3112 + 0.00800ml of VP134956 + 0.01000ml of VP134142 + 0.01000ml of VP134933 + 0.02500ml of VP134149 + 0.02500ml of VP135552 + 0.02500ml of VP135834 = Final Quantity: 40.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
382	150 PPB ICC, 8260-Water	VP135866	10/17/2025	10/18/2025	John Carlone	None	None	Semsettin Yesilyurt 10/21/2025

FROM 39.84950ml of W3112 + 0.00800ml of VP134956 + 0.01500ml of VP134142 + 0.01500ml of VP134933 + 0.03750ml of VP134149 + 0.03750ml of VP135552 + 0.03750ml of VP135834 = Final Quantity: 40.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
385	50 PPB ICV, 8260-Water	VP135867	10/17/2025	10/18/2025	John Carlone	None	None	Semsettin Yesilyurt 10/21/2025

FROM 39.92950ml of W3112 + 0.00500ml of VP134933 + 0.00800ml of VP134956 + 0.01250ml of VP134263 + 0.01250ml of VP135722 + 0.01250ml of VP135838 + 0.02000ml of VP134742 = Final Quantity: 40.000 ml

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	70046 / Bromochloromethane Std. sol/methanol 1000ppm	070122	01/14/2026	07/14/2025 / SAM	07/06/2022 / SAM	V12968

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30067 / BFB tuneing solution	A0191805	11/22/2025	11/22/2024 / SAM	01/13/2023 / SAM	V13391

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0191703	11/15/2025	05/15/2025 / SAM	01/23/2023 / SAM	V13450

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95318 / 2-Chloroethyl Vinyl Ether (Min = 5)	111722	11/17/2025	06/11/2025 / SAM	01/30/2023 / SAM	V13583

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95318 / 2-Chloroethyl Vinyl Ether (Min = 5)	111722	11/17/2025	06/11/2025 / SAM	01/30/2023 / SAM	V13584

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	011624	03/22/2026	09/22/2025 / sam	01/17/2024 / SAM	V14130

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021524	12/23/2025	06/23/2025 / SAM	02/20/2024 / SAM	V14183

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14204

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14205

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	12/12/2025	12/12/2024 / SAM	04/15/2024 / SAM	V14290

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	03/22/2026	09/22/2025 / sam	09/17/2024 / SAM	V14509

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	03/22/2026	09/22/2025 / sam	09/17/2024 / SAM	V14510

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	03/22/2026	09/22/2025 / sam	09/18/2024 / SAM	V14531

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	03/22/2026	09/22/2025 / sam	09/18/2024 / SAM	V14532

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/29/2026	07/29/2025 / SAM	11/26/2024 / SAM	V14625

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	11/09/2025	05/09/2025 / SAM	11/26/2024 / SAM	V14626

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/09/2026	07/07/2025 / SAM	11/26/2024 / SAM	V14629

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14636

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14637

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14638

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14639

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14668

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14671

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14673

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14675

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	03/22/2026	09/22/2025 / sam	12/17/2024 / SAM	V14727

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	03/22/2026	09/22/2025 / sam	12/17/2024 / SAM	V14728

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220563	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14796

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14803

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0217535	03/22/2026	09/22/2025 / sam	01/21/2025 / SAM	V14844

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0223904	07/29/2026	07/29/2025 / SAM	03/24/2025 / SAM	V14906

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	11/12/2025	05/12/2025 / SAM	05/09/2025 / SAM	V14921

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	03/22/2026	09/22/2025 / sam	05/09/2025 / SAM	V14928

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	12/06/2025	06/06/2025 / SAM	05/09/2025 / SAM	V14929

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0222076	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0222076	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0220531	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14973

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0221541	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14992

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0220242	03/22/2026	09/22/2025 / sam	06/02/2023 / SAM	V15010

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15066

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15067

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15068

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	101625	11/16/2025	10/17/2025 / sam	10/17/2025 / sam	V15073

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	101625	11/16/2025	10/17/2025 / sam	10/17/2025 / sam	V15074

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	101625	11/16/2025	10/17/2025 / sam	10/17/2025 / sam	V15075

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	101525	11/15/2025	10/17/2025 / sam	10/17/2025 / sam	V15076

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	101525	11/15/2025	10/17/2025 / sam	10/17/2025 / sam	V15077

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
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Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

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Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Methanol
ULTRA RESI-ANALYZED
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avantor™ | J.T.Baker®

Material No.: 9077-02
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Manufactured Date: 2023-08-11
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Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
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Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
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500 Series for Drinking Water
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846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

12

ANAB ISO 17034 Accredit
AR-1539 Certificate Number
https://Absolutestandards.cc

CERTIFIED WEIGHT REPORT

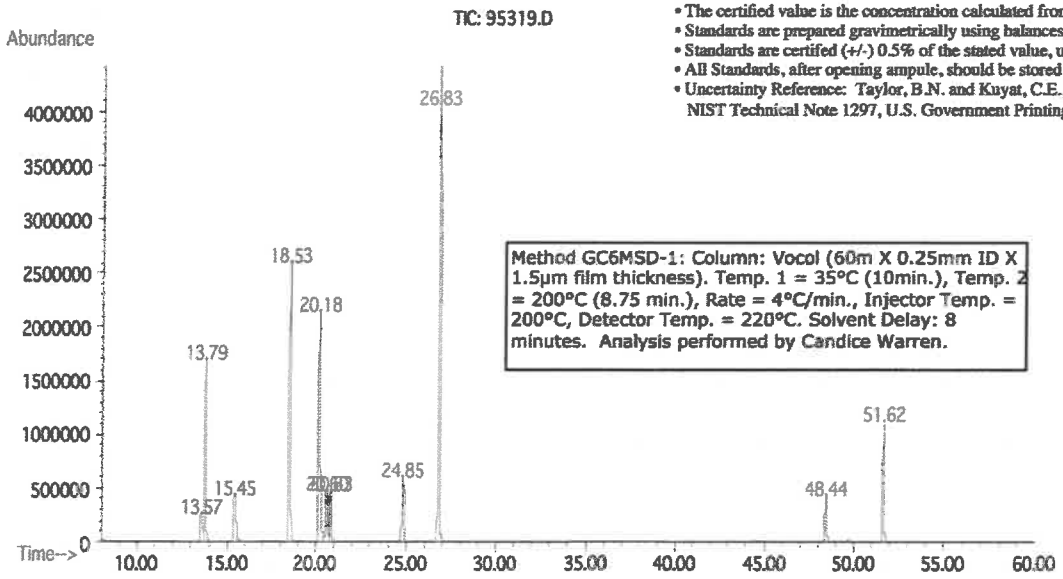
Part Number: 95319
Lot Number: 011624
Description: Revised Additions Mix
11 components
Expiration Date: 011627
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EH471-US

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Formulated By:	Prashant Chauhan	011624 DATE
Reviewed By:	Pedro L. Rentas	011624 DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acrylonitrile	7	4718CK	10000	99	0.2	1.01035	1.01080	10004.4	40.6	107-13-1	N/A	orl-rat 78 mg/kg
2.	1-Chlorobutane	1072	MKCM5711	2000	99.99	0.2	0.20007	0.20035	2002.8	8.1	109-69-3	N/A	orl-rat 2670mg/kg
3.	Cyclohexane	1023	28930	2000	99	0.2	0.20207	0.20222	2001.5	8.2	110-82-7	300 ppm (1050mg/m3/8H)	orl-rat 12705mg/kg
4.	Di-isopropyl ether (DIPE)	987	00412MX	2000	99	0.2	0.20207	0.20227	2002.0	8.2	108-20-3	500 ppm (2100mg/m3/8H)	orl-rat 8470mg/kg
5.	1,4-Dioxane	373	03853KE	40000	99	0.2	4.04142	4.04213	40007.0	162.5	123-91-1	25 ppm (90mg/m3/8H)(skin)	orl-mus 5700mg/kg
6.	Hexachloroethane	199	12604HBV	2000	99	0.2	0.20207	0.20221	2001.4	8.2	67-72-1	1 ppm (10mg/m3/8H)(skin)	orl-gpg 4970mg/kg
7.	Methylcyclohexane	1627	SHBG0199V	2000	99	0.2	0.20207	0.20230	2002.3	8.2	108-87-2	N/A	orl-mus 2250mg/kg
8.	Methyl tert-butyl ether (MTBE)	209	21880	2000	99	0.2	0.20207	0.20227	2002.0	8.2	1634-04-4	N/A	orl-rat 4g/kg
9.	Propionitrile	349	1395468	20000	99	0.2	2.02071	2.02150	20007.8	81.3	107-12-0	N/A	orl-rat 39mg/kg
10.	Tetrahydrofuran	380	SHBH8330	10000	99.9	0.2	1.00125	1.00200	10007.5	40.3	109-99-9	20 ppm (590mg/m3/8H)	orl-rat 1650mg/kg
11.	1,2,3,4-Tetramethylbenzene	491	AP01	2000	93	0.2	0.21511	0.21522	2001.0	8.7	488-23-3	N/A	orl-rat 6408mg/kg



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Method GC6MSD-1: Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness). Temp. 1 = 35°C (10min.), Temp. 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. Solvent Delay: 8 minutes. Analysis performed by Candice Warren.

Name	MSD RT (min.)
Methyl tert-butyl ether (MTBE)	13.56
Acrylonitrile	13.79
Di-isopropyl ether	15.44
Propionitrile	18.53
Tetrahydrofuran	20.17
Cyclohexane	20.58
1-Chlorobutane	20.83
Methylcyclohexane	24.84
1,4-Dioxane	26.84
Hexachloroethane	48.44
1,2,3,4-Tetramethylbenzene	51.62

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021524
Description: Universal VOA Megamix
69 components
Expiration Date: 021527
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 8UTB

Solvent(s): Methanol Lot# EG359-USQ12

Formulated By: Mario Luis 021524 DATE

Reviewed By: Pedro L. Rentas 021524 DATE

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

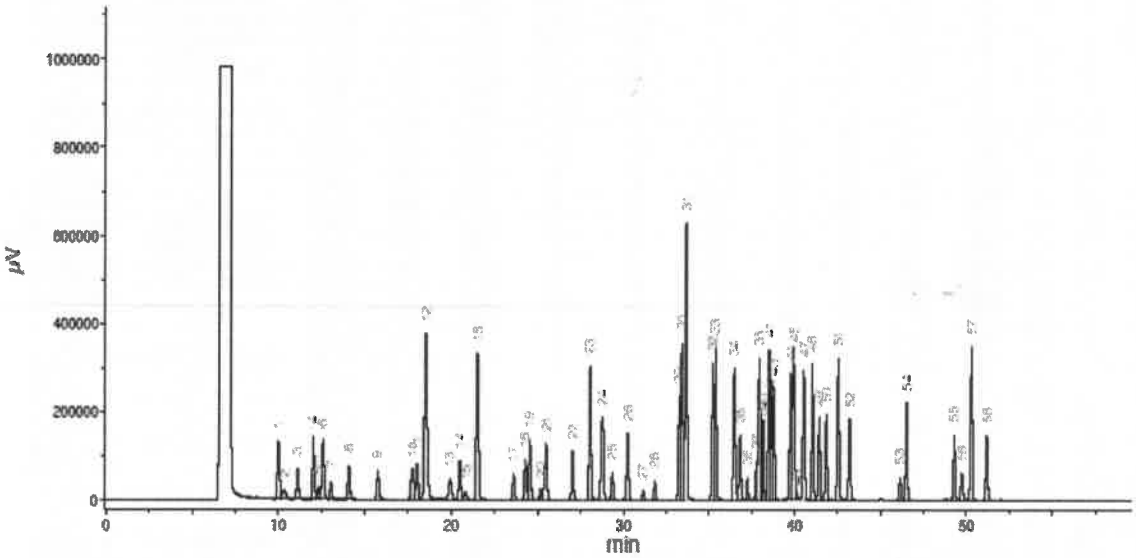
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expended Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20022	2001.5	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20222	2001.5	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21060	2000.2	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0486)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20734	2000.3	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS000(	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20042	2001.7	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06126PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20231	2002.4	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20118	2001.2	8.1	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20209	2000.2	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20042	2001.7	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20030	2000.5	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20570	2001.0	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20415	2000.2	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20210	2000.3	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2018.6	20.6	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (46mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.8mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.6	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1260mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.6	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 6040mg/kg
68.	o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69.	p-Xylene	35163	101923	0.05	5.00	40000.6	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty References: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 17, "P95317 L021524 [2000µg/mL in MeOH]"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 10:04:27 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydrogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=6.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,2-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	19.91
14	1,1-Dichloropropene	20.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.58
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.52
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.05
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.24
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.66
32	o-Xylene	33.22
33	Styrene	35.39
34	Isopropylbenzene/Bromoform	36.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.83
51	n-Butylbenzene	42.52
52	1,2-Dichlorobenzene	43.10
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.48
55	1,2,4-Trichlorobenzene	48.26
56	Hexachlorobutadiene	49.22
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

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Rec 09/17/24

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AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

Weight(s) shown below were combined and diluted to (mL):	100.0	0.021	Flask Uncertainty	5E-05 Balance Uncertainty

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

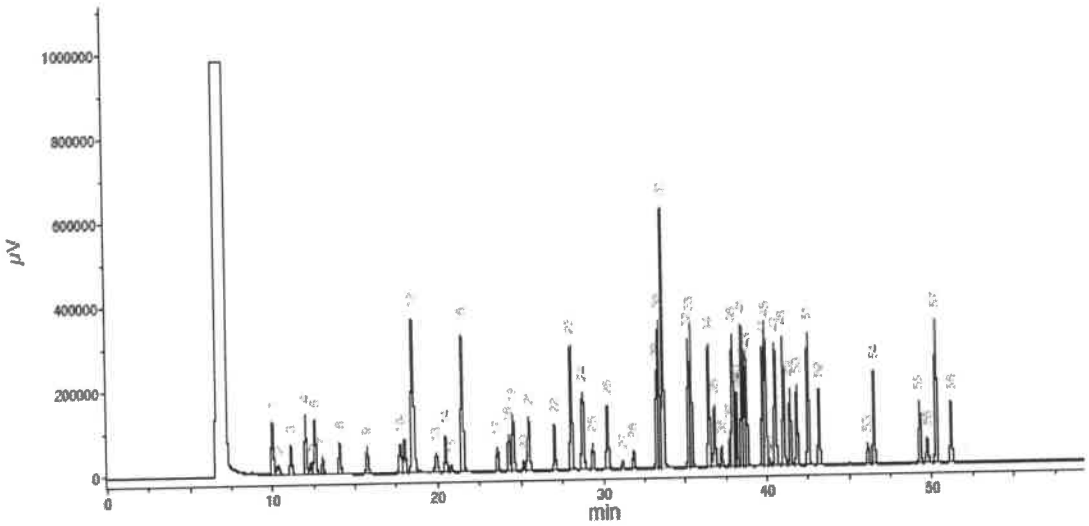
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	MKCR6561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.8	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68.	o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69.	p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 (2000µg/mL in MeOH)"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	9.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.07
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethane/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
33	Styrene	35.50
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.82
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.46
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/17/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95317
Lot Number: 021624
Description: Universal VOA Megamix
69 components
Expiration Date: 021627
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 2000
NIST Test ID#: 6UTB

Solvent(s): Lot#
Methanol EG359-USQ12

Weight(s) shown below were combined and diluted to (mL):	100.0	0.021	Flask Uncertainty	5E-05 Balance Uncertainty

Formulated By: Prashant Chauhan 021624 DATE

Reviewed By: Pedro L. Rentas 021624 DATE

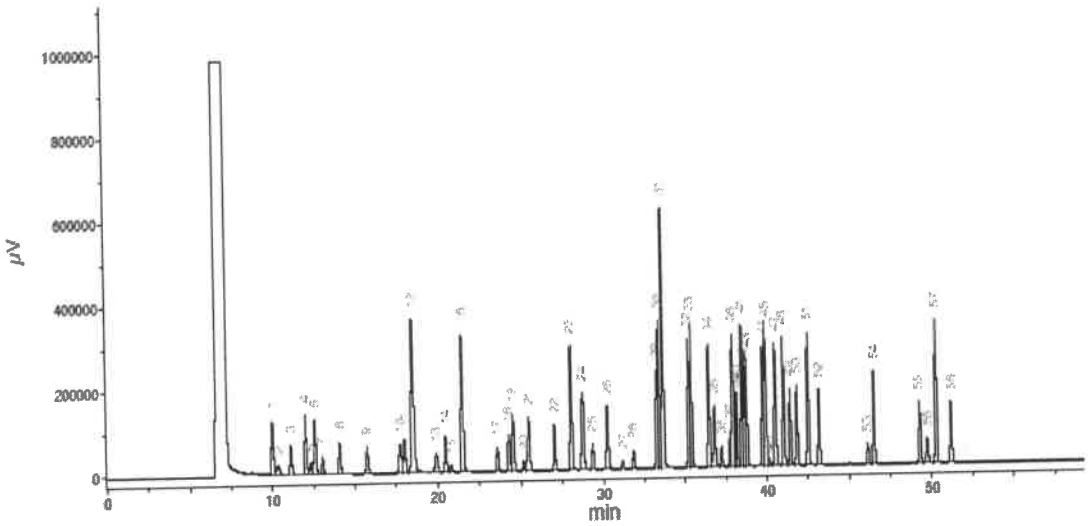
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.8	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (45mg/m3/8H)(skin)	orl-rat 836mg/kg
43.	Trichloroethene	35161	112322	0.05	5.00	40029.0	2000	NA	NA	0.017	NA	NA	2000.9	22.9	79-01-6	50 ppm (270mg/m3/8H)	orl-mus 2402mg/kg
44.	1,2,3-Trichloropropane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	96-18-4	10 ppm (60mg/m3/8H)	orl-rat 149.6mg/kg
45.	Benzene	35162	050823	0.05	5.00	40005.0	2000	NA	NA	0.017	NA	NA	1999.7	22.9	71-43-2	1 ppm	orl-rat 4894mg/kg
46.	Bromobenzene	35162	050823	0.05	5.00	40006.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-86-1	N/A	orl-rat 2699mg/kg
47.	n-Butyl benzene	35162	050823	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	104-51-8	N/A	N/A
48.	Ethyl benzene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-41-4	100 ppm (435mg/m3/8H)	orl-rat >2000mg/kg
49.	p-Isopropyl toluene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	99-87-6	N/A	orl-rat 4750mg/kg
50.	Naphthalene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	91-20-3	10 ppm (50mg/m3/8H)	orl-rat 490mg/kg
51.	Styrene	35162	050823	0.05	5.00	40004.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	100-42-5	100 ppm	orl-rat 5000mg/kg
52.	Toluene	35162	050823	0.05	5.00	40006.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-88-3	200 ppm	orl-rat 5000mg/kg
53.	1,2,3-Trichlorobenzene	35162	050823	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	87-61-6	N/A	ipr-mus 1390mg/kg
54.	1,2,4-Trichlorobenzene	35162	050823	0.05	5.00	40006.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	120-82-1	5 ppm (CL) (40mg/m3)	orl-rat 756mg/kg
55.	1,2,4-Trimethylbenzene	35162	050823	0.05	5.00	40001.6	2000	NA	NA	0.017	NA	NA	1999.6	23.0	95-63-6	N/A	orl-rat 5g/kg
56.	1,3,5-Trimethylbenzene	35162	050823	0.05	5.00	40006.7	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-67-8	N/A	orl-rat 5000mg/kg
57.	m-Xylene	35162	050823	0.05	5.00	40005.8	2000	NA	NA	0.017	NA	NA	1999.8	22.9	108-38-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg
58.	tert-Butyl benzene	35163	101923	0.05	5.00	40001.2	2000	NA	NA	0.017	NA	NA	1999.8	22.9	98-06-6	N/A	N/A
59.	sec-Butyl benzene	35163	101923	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.8	22.9	135-98-8	N/A	orl-rat 2240mg/kg
60.	Chlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	108-90-7	75 ppm (350mg/m3/8H)	orl-rat 2290mg/kg
61.	2-Chlorotoluene	35163	101923	0.05	5.00	40000.3	2000	NA	NA	0.017	NA	NA	1999.5	22.9	95-49-8	50 ppm (250mg/m3/8H)	orl-rat 3900mg/kg
62.	4-Chlorotoluene	35163	101923	0.05	5.00	40003.3	2000	NA	NA	0.017	NA	NA	1999.7	22.9	106-43-4	N/A	orl-rat 2100mg/kg
63.	1,2-Dichlorobenzene	35163	101923	0.05	5.00	40003.8	2000	NA	NA	0.017	NA	NA	1999.7	22.9	95-50-1	50 ppm (300mg/m3) (CL)	orl-rat 500mg/kg
64.	1,3-Dichlorobenzene	35163	101923	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	23.0	541-73-1	N/A	ipr-mus 1062mg/kg
65.	1,4-Dichlorobenzene	35163	101923	0.05	5.00	40001.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	106-46-7	75 ppm (450mg/m3/8H)	orl-rat 500mg/kg
66.	Isopropylbenzene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	98-82-8	50 ppm (245mg/m3/8H)	orl-rat 1400mg/kg
67.	n-Propylbenzene	35163	101923	0.05	5.00	40003.4	2000	NA	NA	0.017	NA	NA	1999.7	23.0	103-65-1	N/A	orl-rat 8040mg/kg
68.	o-Xylene	35163	101923	0.05	5.00	40040.8	2000	NA	NA	0.017	NA	NA	2001.5	23.0	95-47-6	100 ppm (435mg/m3/8H)	ipr-mus 1364mg/kg
69.	p-Xylene	35163	101923	0.05	5.00	40000.8	2000	NA	NA	0.017	NA	NA	1999.5	22.9	106-42-3	100 ppm (435mg/m3/8H)	orl-rat 5g/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 16, "P95317 L021624 (2000µg/mL in MeOH)"

Run Length: 60.00 min, 35998 points at 10 points/second.
Created: Sat, Feb 17, 2024 at 8:56:46 AM.
Sampled: Sequence "021624-GC5M1", Method "GC5-M1".
Analyzed using Method "GC5-M1".

Comments
GC5-M1 Analysis by Candice Warren
Column ID SPB-Vocol 105 meter X 0.53mm X 3.0µm film thickness
Flow rates: Total flow=290mL/min., Helium (carrier)=10mL/min.,
Helium(make-up)=10mL/min., Hydogen(make-up)=40mL/min., Air(make-up)=230mL/min.
Oven Profile: Temp. 1=35°C (Time 1=10 min.), Temp 2=200°C (Time 2=8.75 min.),
Rate = 4°C/min., Total run time=60 min. Injector temp.=200°C, FID Temp.=200°C.
FID Signal = Edaq Channel 1
Standard injection = 0.5µL, Range=3



Peak #	Name	FID RT (min.)
1	Ether	0.97
2	1,1,2-Trichloro-1,2,3-trifluoroethane	10.33
3	1,1-Dichloroethene	11.10
4	Acetonitrile	12.00
5	Iodomethane	12.31
6	Allyl chloride	12.56
7	Carbon disulfide/Methylene chloride	13.04
8	trans-1,2-Dichloroethene	14.07
9	1,1-Dichloroethane	15.74
10	2,2-Dichloropropane	17.74
11	cis-1,2-Dichloroethene	18.00
12	Methacrylonitrile/Methyl acrylate/Chloroform	18.49
13	Isobutanol/1,1,1-Trichloroethane	18.91
14	1,1-Dichloropropene	19.46
15	Carbon tetrachloride	20.79
16	Benzene/1,2-Dichloroethane	21.48
17	Trichloroethene	23.86
18	1,2-Dichloropropane	24.26
19	Methyl methacrylate	24.62
20	Bromodichloromethane	25.13
21	Dibromomethane/2-Nitropropane	25.46
22	cis-1,3-Dichloropropene	27.02
23	Toluene	28.09
24	Ethyl methacrylate/trans-1,3-Dichloropropene	28.73
25	1,1,2-Trichloroethane	29.34
26	Tetrachloroethene/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
33	Styrene	35.50
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.12
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.52
52	1,2-Dichlorobenzene	42.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	48.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Numb
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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

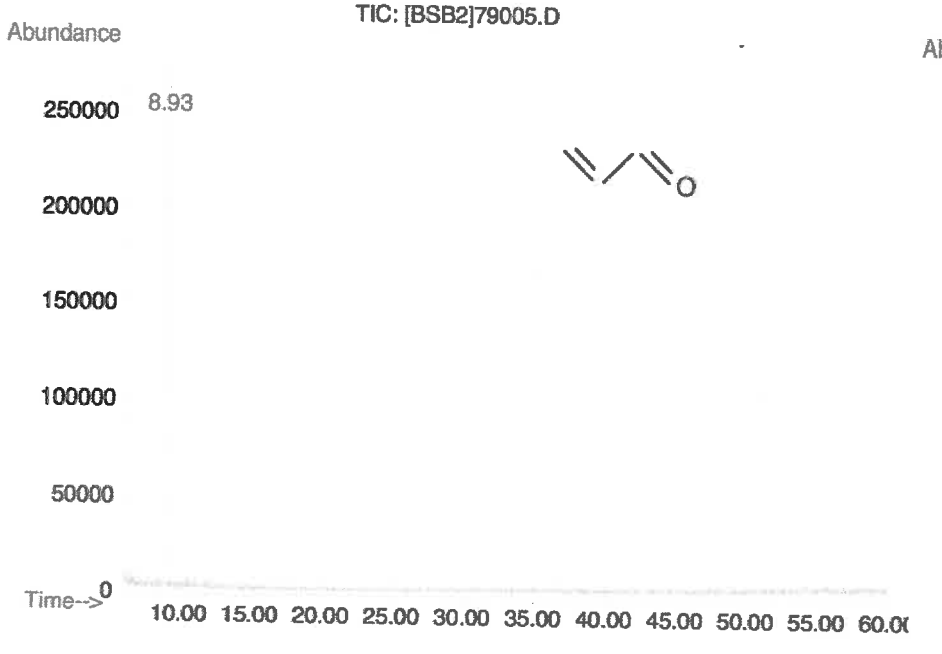
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

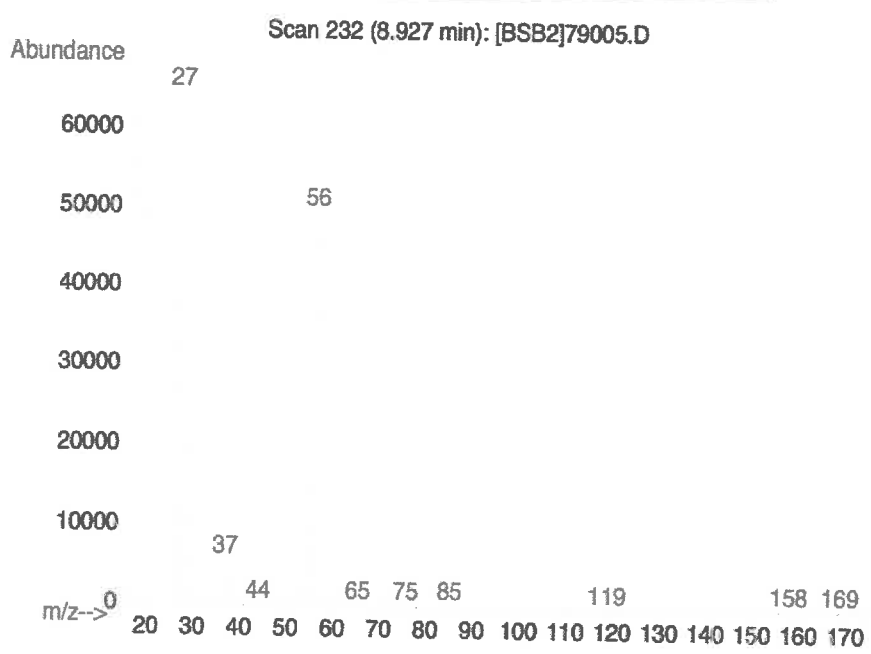
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Justin Dippold	091424
Formulated By: Justin Dippold	DATE
Pedro Rentas	091424
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
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- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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Certified Reference Material CRM

Rec 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Numb
https://Absolutestandards.co...

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

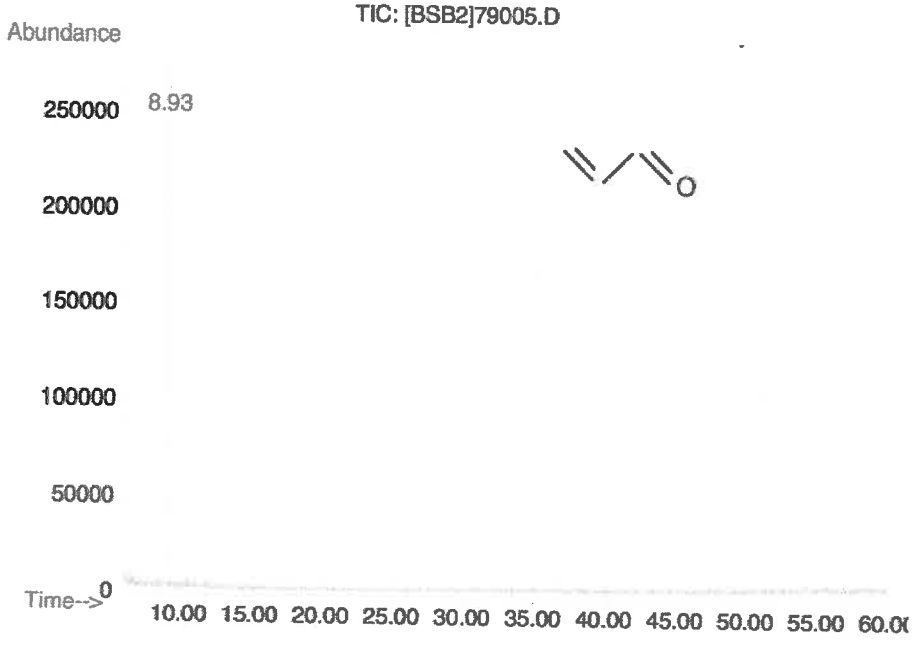
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

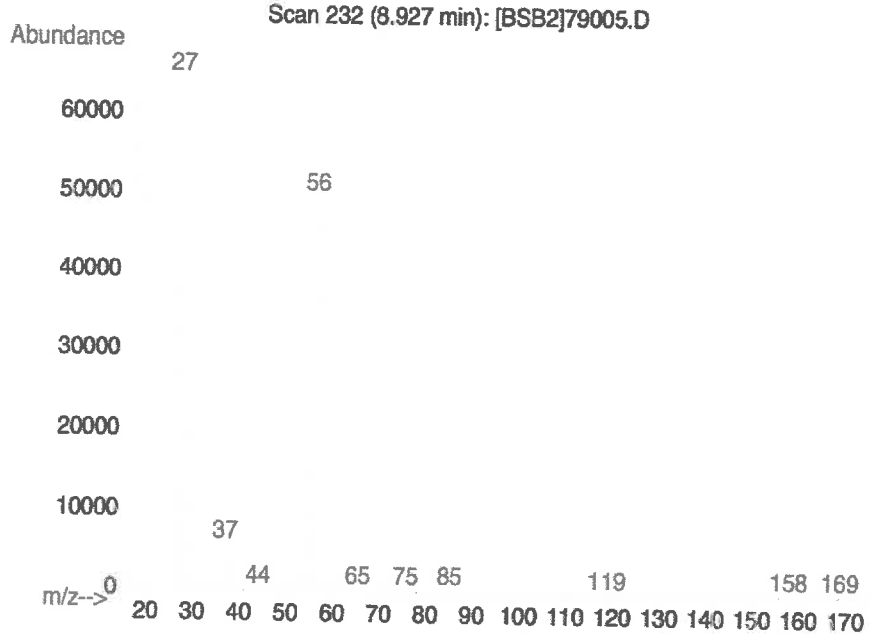
Justin Dippold 091424
Formulated By: Justin Dippold DATE

Pedro Rentas 091424
Reviewed By: Pedro L. Rentas DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Certified Reference Material CRM

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 111722
Description: 2-Chloroethyl vinyl ether

Solvent(s): Methanol **Lot#** EB679-US

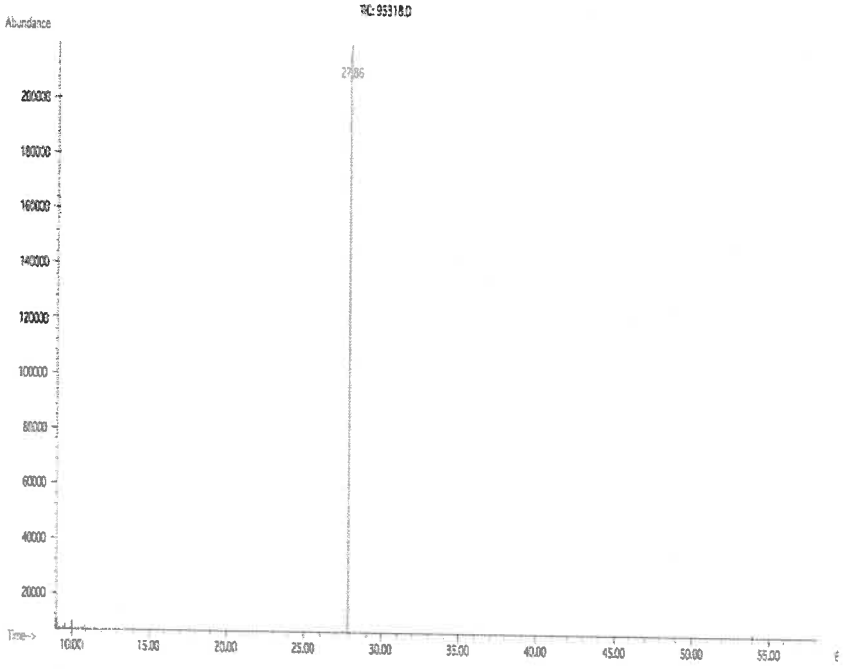
Expiration Date: 111725
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

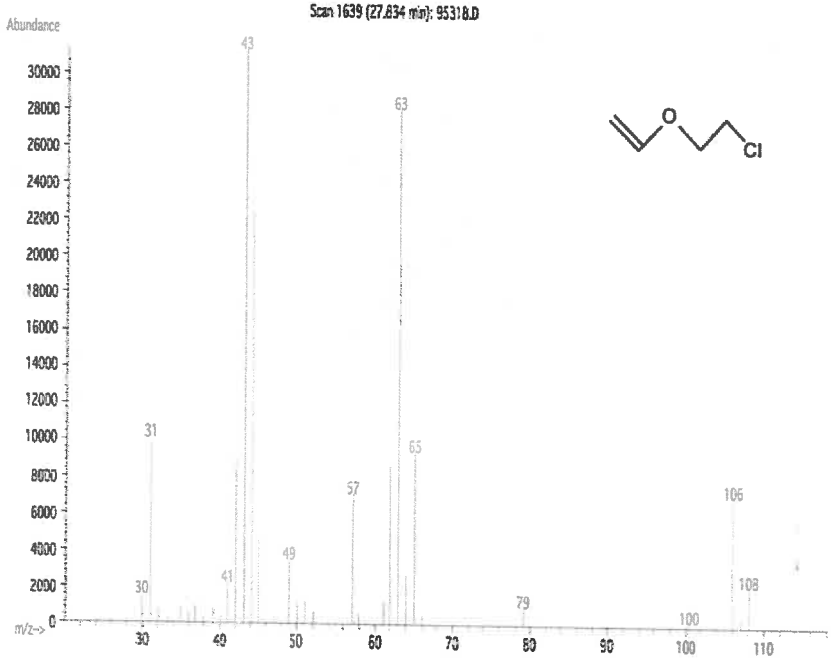
Weight(s) shown below were combined and diluted to (mL): 50.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Formulated By:	Eli Aliaga	111722 DATE
Reviewed By:	Pedro L. Rentas	111722 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50541	0.50551	10001.9	40.5	110-75-8	N/A	orl-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 111722
Description: 2-Chloroethyl vinyl ether

Solvent(s): Methanol **Lot#** EB679-US

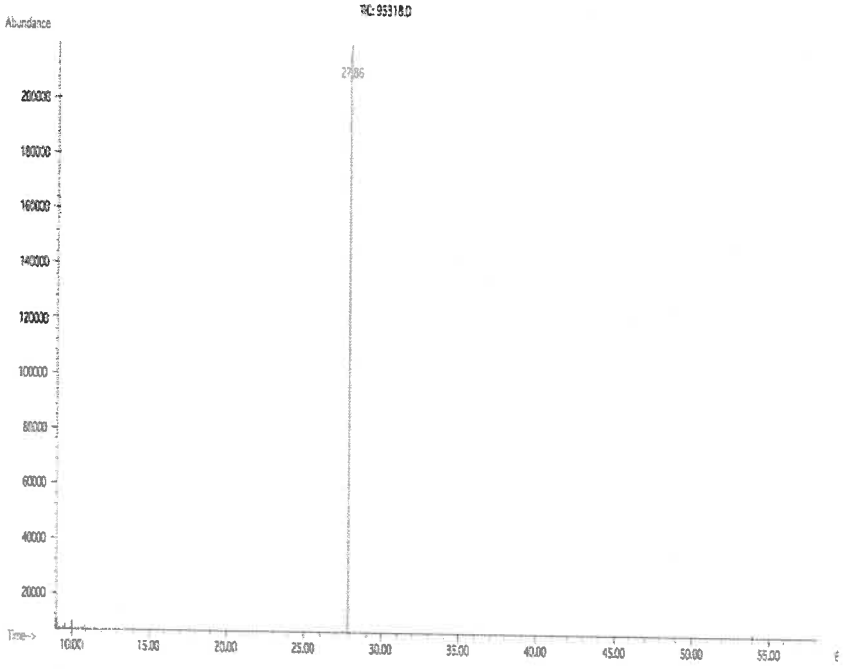
Expiration Date: 111725
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

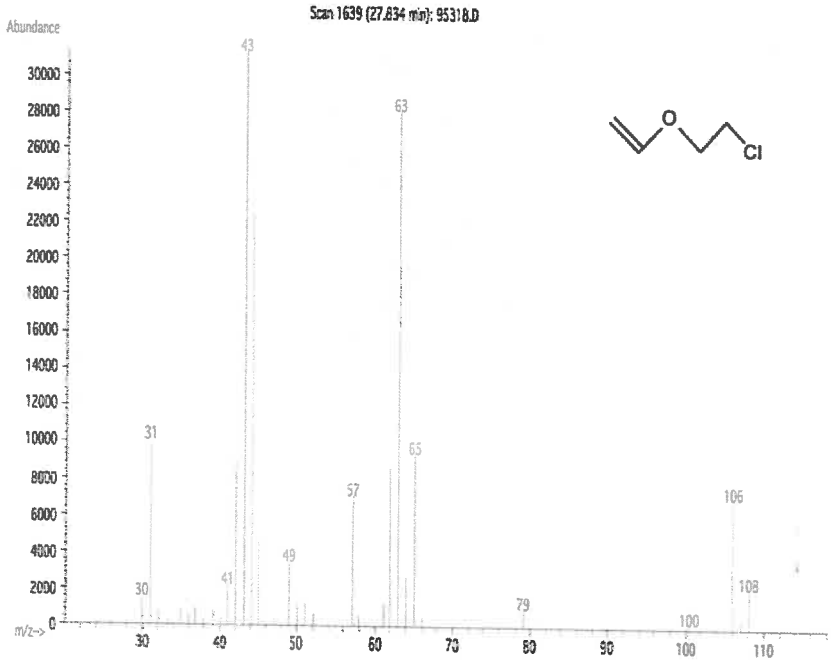
Weight(s) shown below were combined and diluted to (mL): 50.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Formulated By:	Eli Aliaga	111722 DATE
Reviewed By:	Pedro L. Rentas	111722 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50541	0.50551	10001.9	40.5	110-75-8	N/A	orl-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

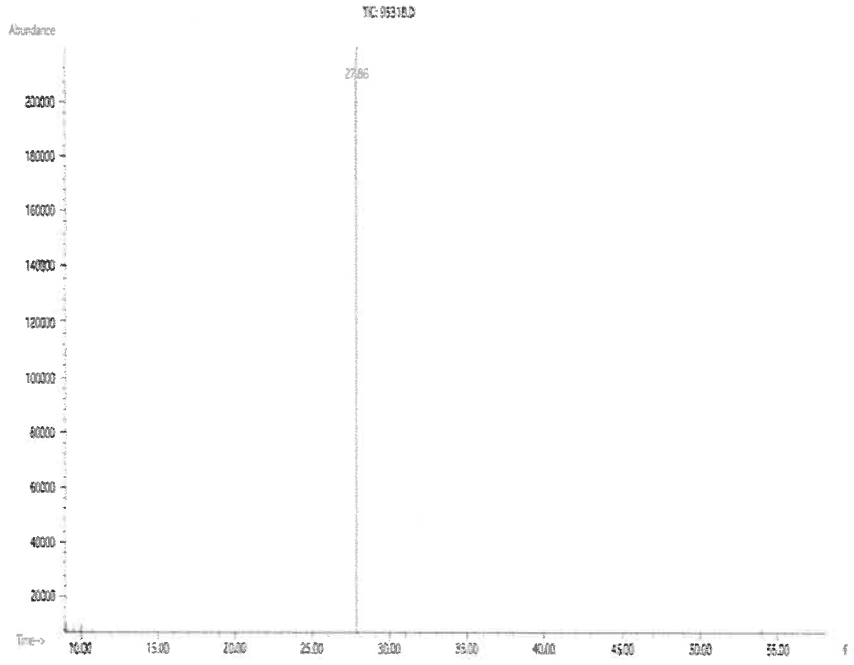
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

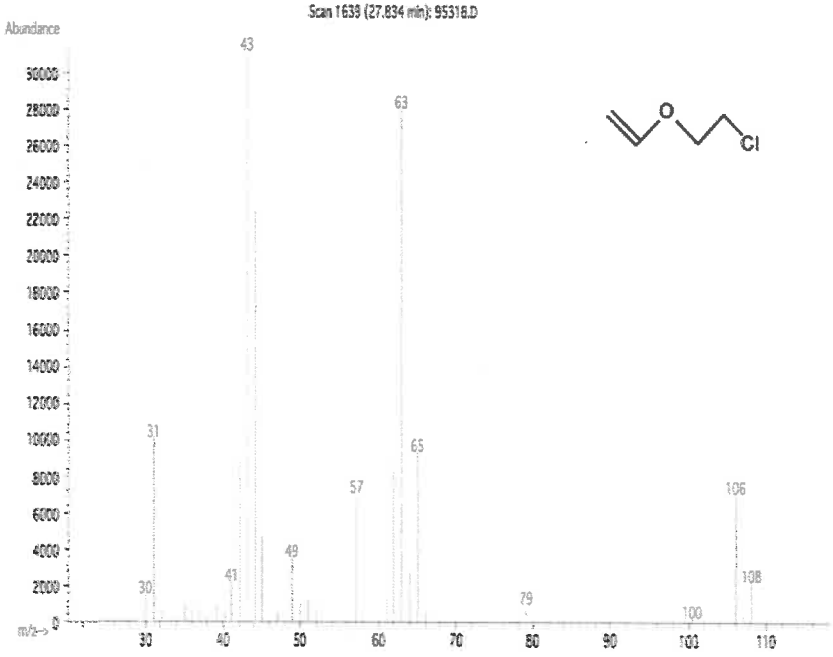
Prashant Chauhan 120524
Formulated By: Prashant Chauhan DATE

Pedro Rentas 120524
Reviewed By: Pedro L. Rentas DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

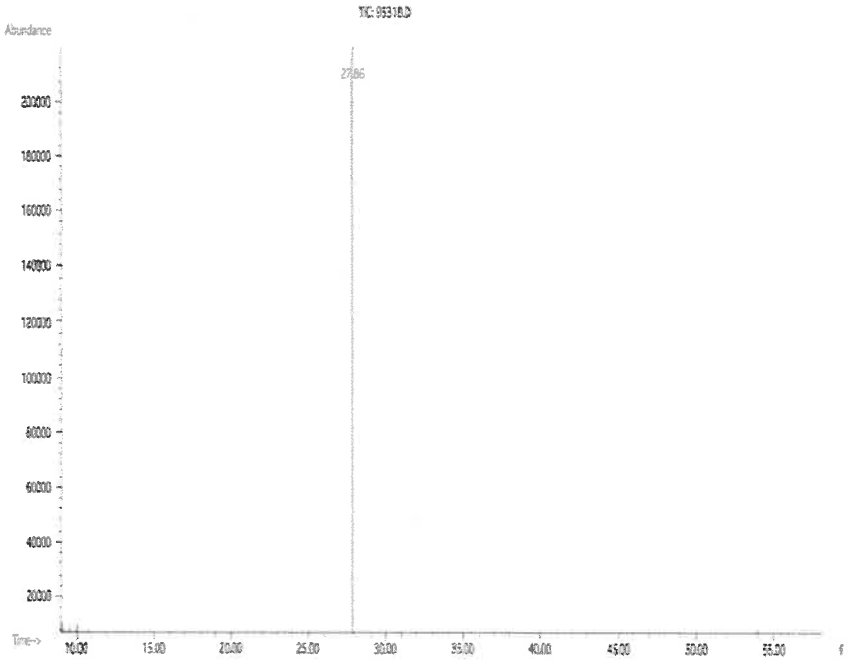
Solvent(s): Methanol **Lot#** EJ143-US

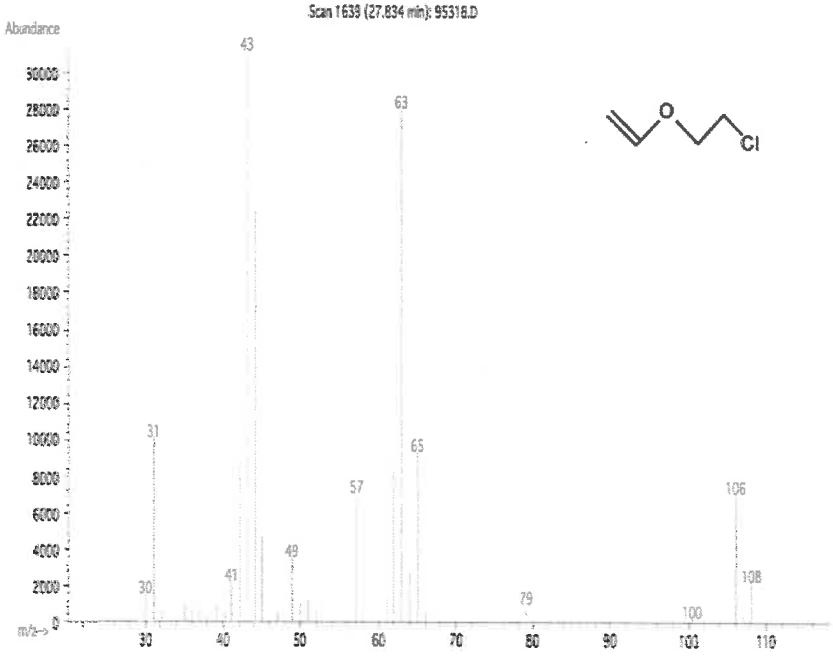
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524	
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas	120524	
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Safety Data Sheet (SDS) GHS/OSHA Compliant

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Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

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GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
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P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

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Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
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Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

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LC50	15,400 mg/l - 96 h
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EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

Solvent(s): Methanol **Lot#** EJ143-US

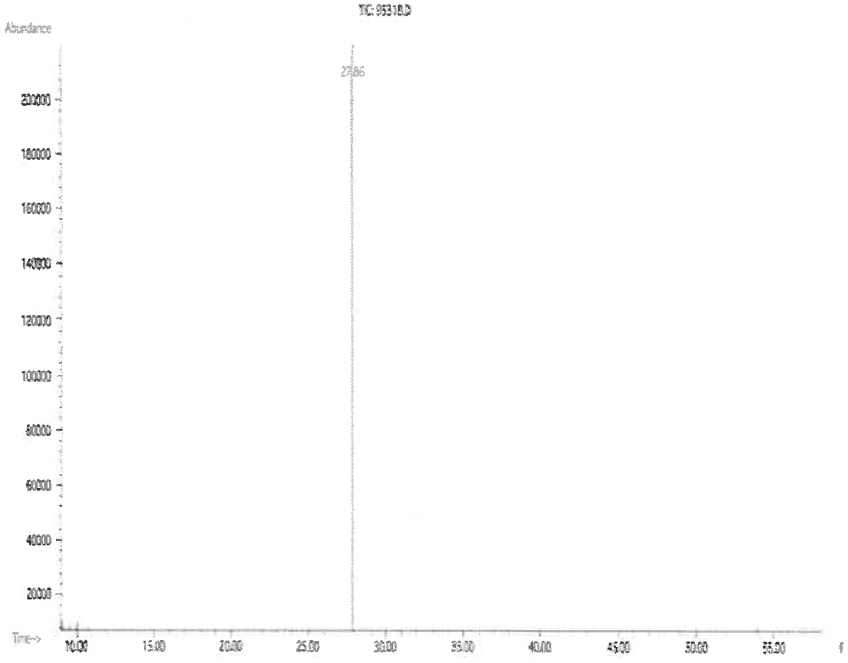
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

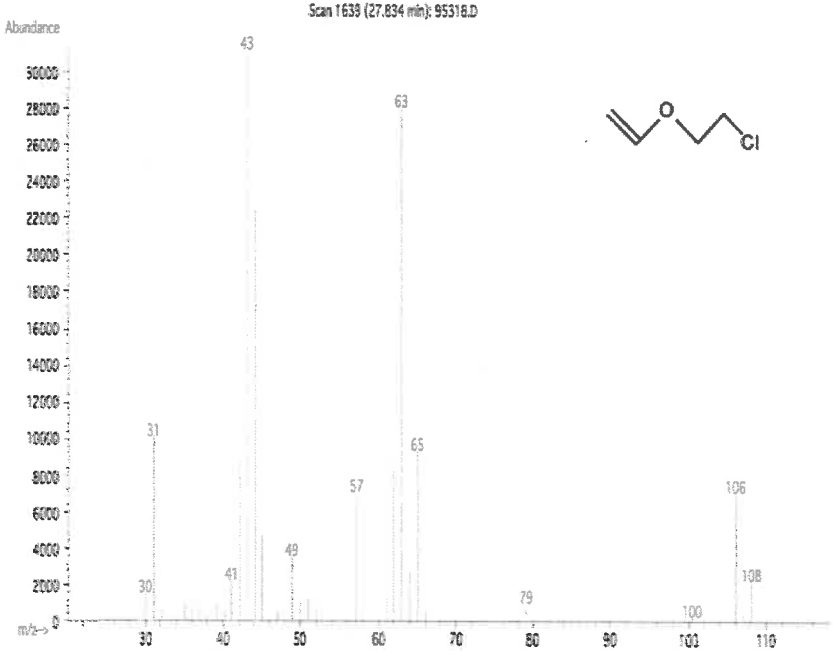
Prashant Chauhan 120524
Formulated By: Prashant Chauhan DATE

Pedro Rentas 120524
Reviewed By: Pedro L. Rentas DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — Vapours may form explosive mixture with air.
Conditions to avoid — Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid — Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 12/6/24
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

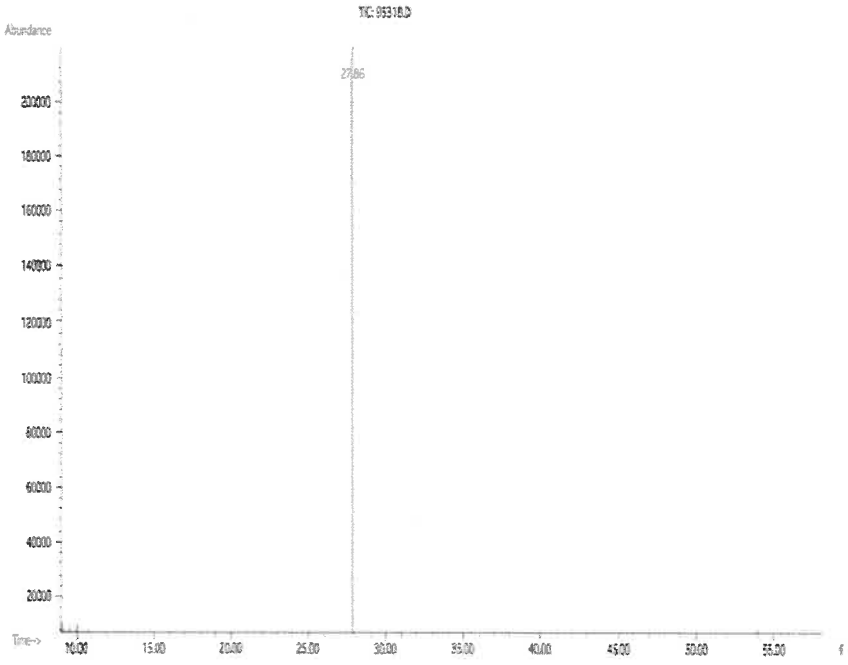
Solvent(s): Methanol **Lot#** EJ143-US

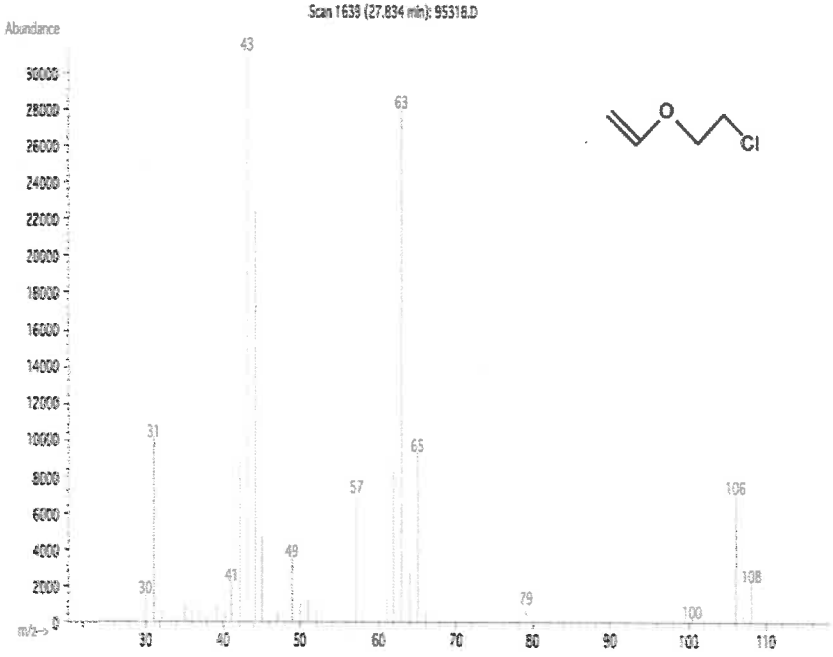
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan		120524
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		120524
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

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INTENDED USE: REFERENCE MATERIAL

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4 J

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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. : 30470 **Lot No.:** A0191703

Description : tert-Butanol Standard

tert-Butanol Std 50,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : November 30, 2025 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	tert-Butanol (TBA)	50,122.0 µg/mL	+/- 293.4753 µg/mL	Gravimetric
	CAS # 75-65-0 (Lot 101619K21F-1)		+/- 1,073.6797 µg/mL	Unstressed
	Purity 99%		+/- 1,104.8612 µg/mL	Stressed

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

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

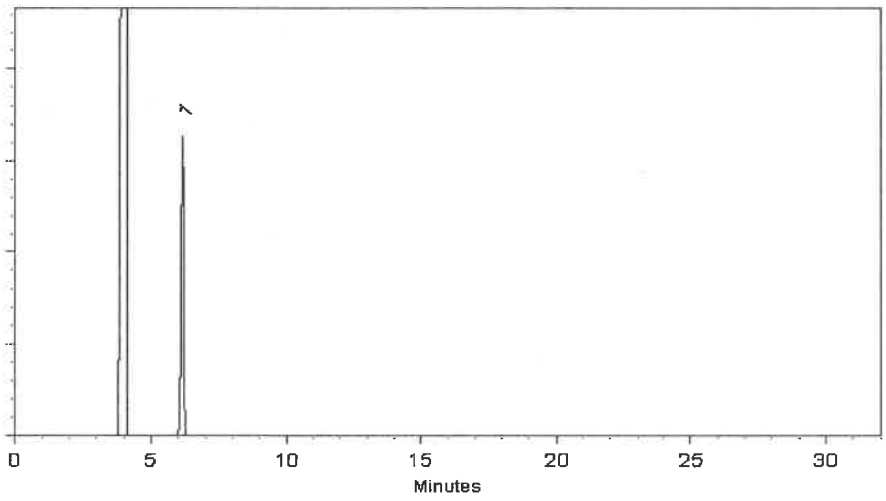
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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



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.

Alicia Leathers - Operation Technician I

Date Mixed: 15-Nov-2022 **Balance:** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 17-Nov-2022

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 combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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

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

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer) -20°C or colder (Deep Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules 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 ampules. 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.

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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA 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. : 30067 **Lot No.:** A0191805

Description : 4-Bromofluorobenzene Standard

4-Bromofluorobenzene Standard 2,500µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : November 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	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	2,483.9 µg/mL	+/- 139.5488

* 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.)

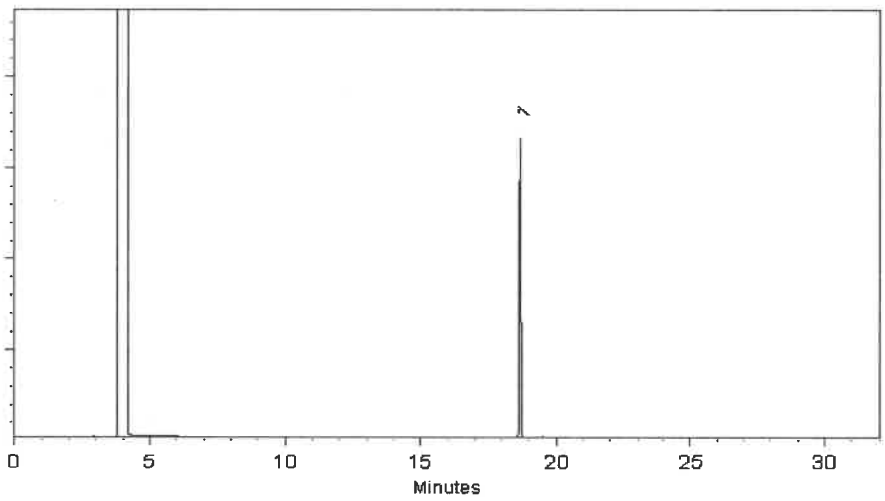
Inj. Temp:
200°C

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.

Alicia Leathers - Operation Technician I

Date Mixed: 17-Nov-2022 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 21-Nov-2022

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.

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www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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Catalog No. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* 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.)

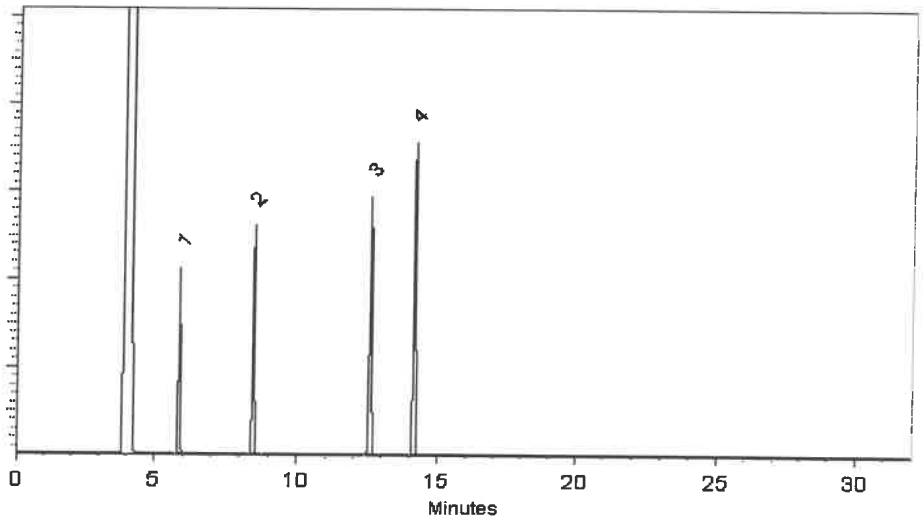
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
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: 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 16-Aug-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.

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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. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* 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.)

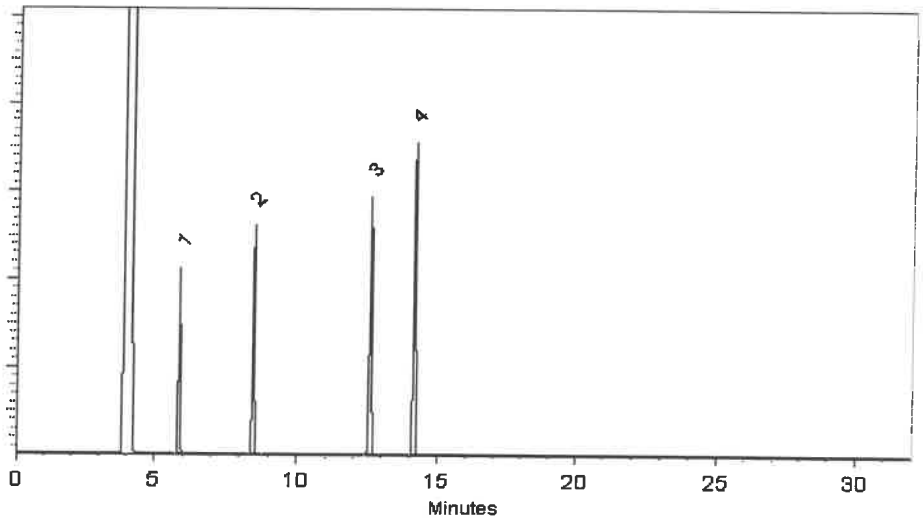
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
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:** 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC **Date Passed:** 16-Aug-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.

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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. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

* 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.)

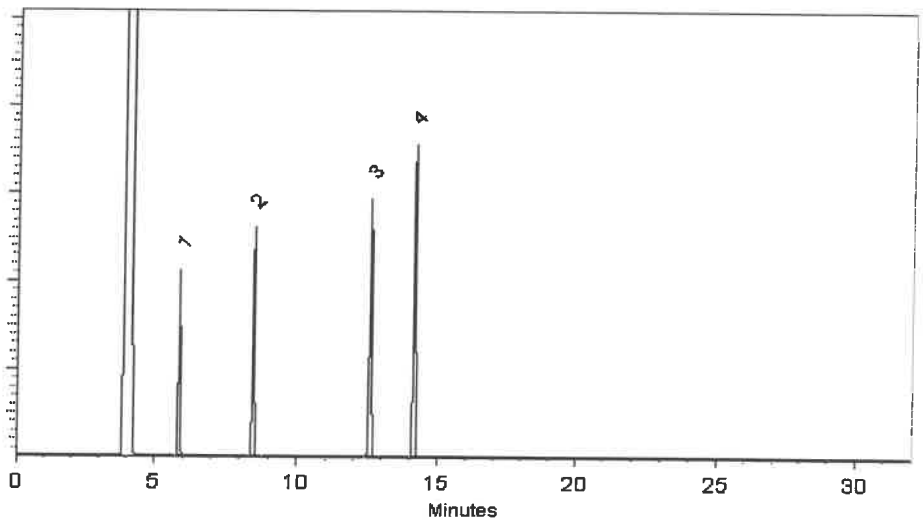
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
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:** 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC **Date Passed:** 16-Aug-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.

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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ilac-MRA A2LA 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. : 555581 **Lot No.:** A0210184

Description : Custom 8260 Internal Standard Mix

Custom 8260 Internal Standard Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : April 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	25,212.0 µg/mL	+/- 1,427.8857
2	1,4-Difluorobenzene	540-36-3	MKCS8657	99%	25,220.0 µg/mL	+/- 1,428.3388
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	25,116.0 µg/mL	+/- 1,422.4487
4	Pentafluorobenzene	363-72-4	MKCR9383	99%	25,180.0 µg/mL	+/- 1,426.0734

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

John Friedline - Operations Technician I **Date Mixed:** 11-Apr-2024 **Balance:** 1127510105

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.
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10 vial.

CERTIFIED REFERENCE MATERIAL

Rec: 12/09/24

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V14667 to
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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. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : August 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	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* 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.)

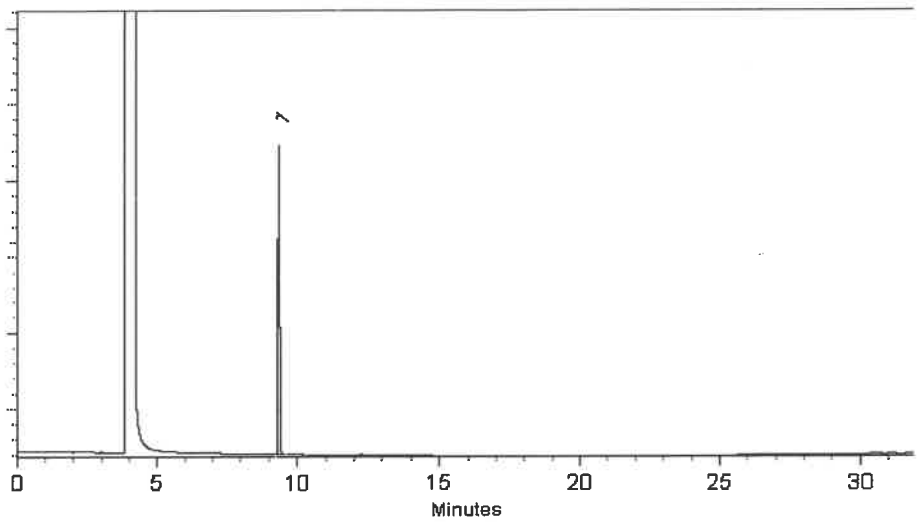
Inj. Temp:
200°C

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.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-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.
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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. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : August 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	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* 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.)

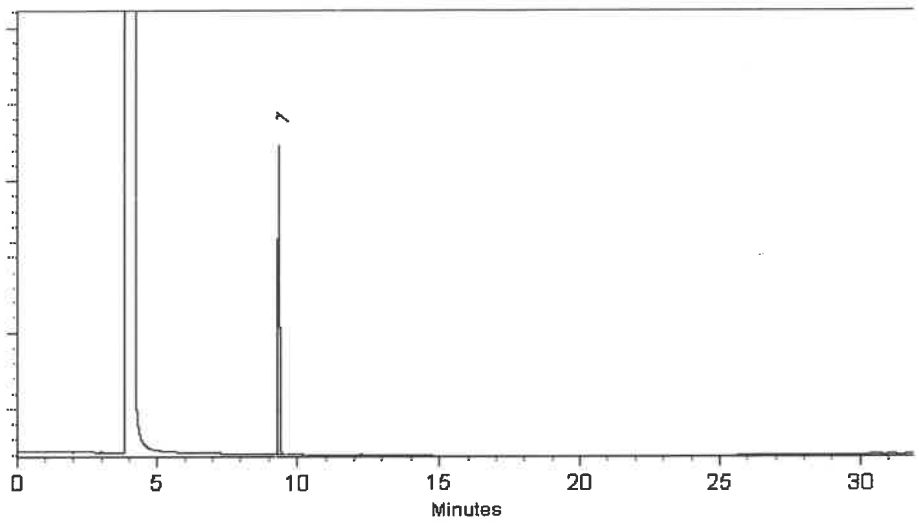
Inj. Temp:
200°C

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.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

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

General Certified Reference Material Notes

Expiration Notes:

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Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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

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

Manufacturing Notes:

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

Handling Notes:

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

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10 vial.

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Rec: 12/09/24

Certificate of Analysis

chromatographic plus

V14667 to
V14676

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Reference Material Producer
Certificate #3222.01

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : August 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	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* 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.)

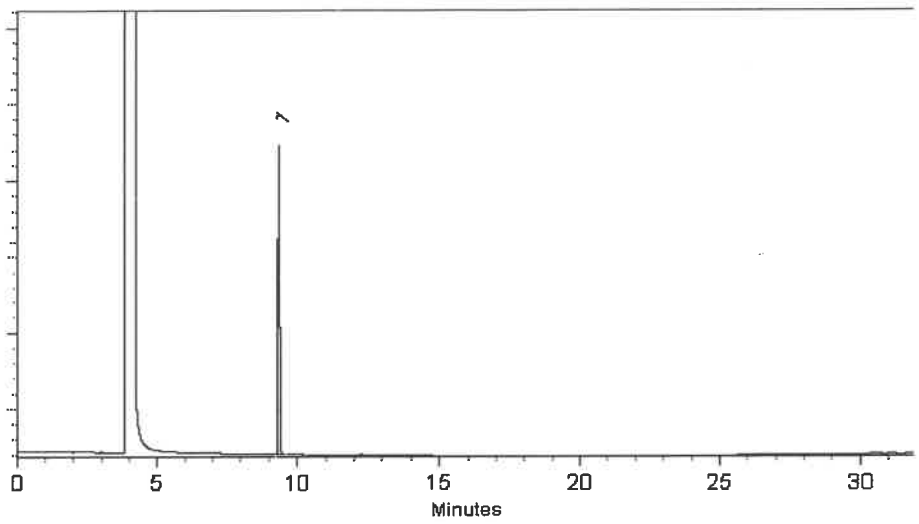
Inj. Temp:
200°C

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.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-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.
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CERTIFIED REFERENCE MATERIAL

Rec: 12/09/24

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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. : 30225 **Lot No.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : August 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	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

* 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.)

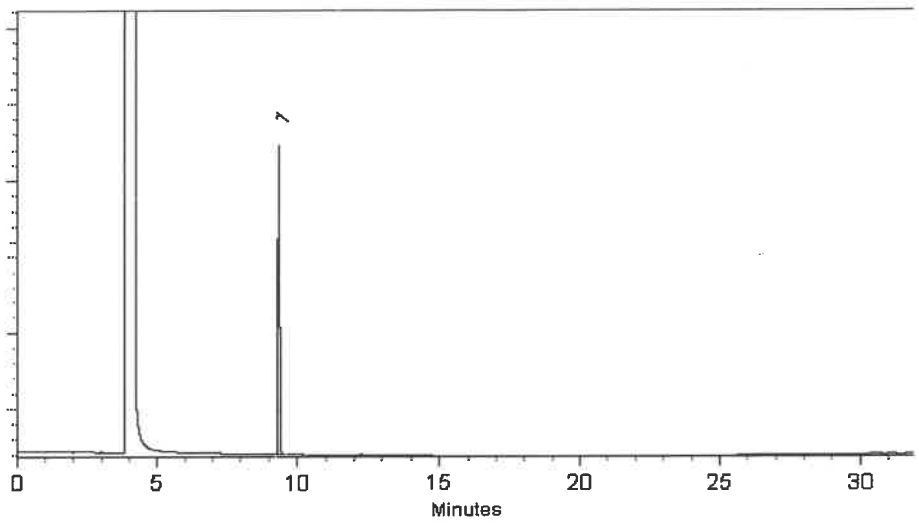
Inj. Temp:
200°C

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.

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-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.
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CERTIFIED REFERENCE MATERIAL

30 Vial

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V14727 to
V14756

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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. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

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

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

Quality Confirmation Test

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

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

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

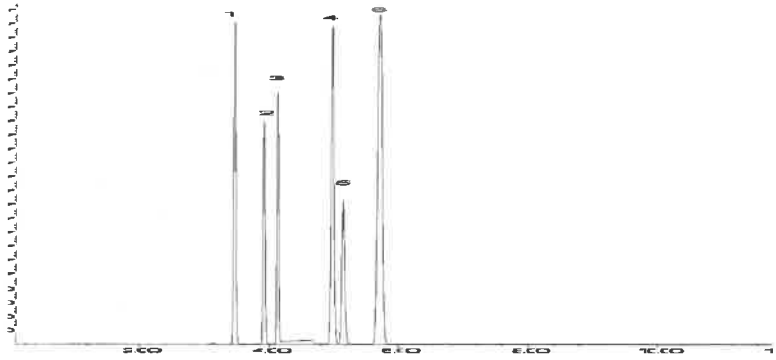
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-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.
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CERTIFIED REFERENCE MATERIAL

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V14727 to
V14756

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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. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

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

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

Quality Confirmation Test

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

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

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

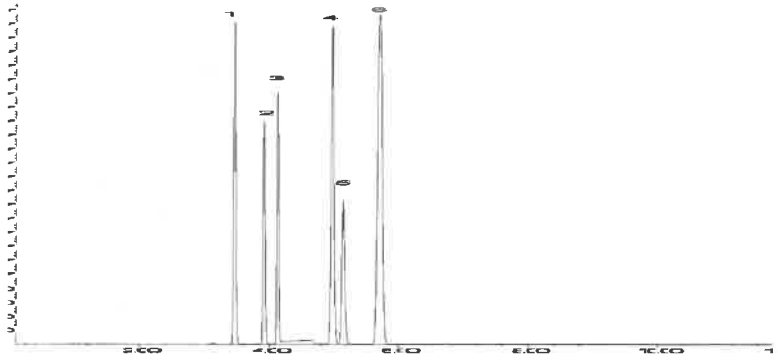
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-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.
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ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic plus

J14842 to 14846

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. : 30470 **Lot No.:** A0217535

Description : tert-Butanol Standard

tert-Butanol Std 50,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : October 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	tert-Butanol (TBA)	75-65-0	SHBQ8002-1	99%	50,007.5 µg/mL	+/- 717.6137

* 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.)

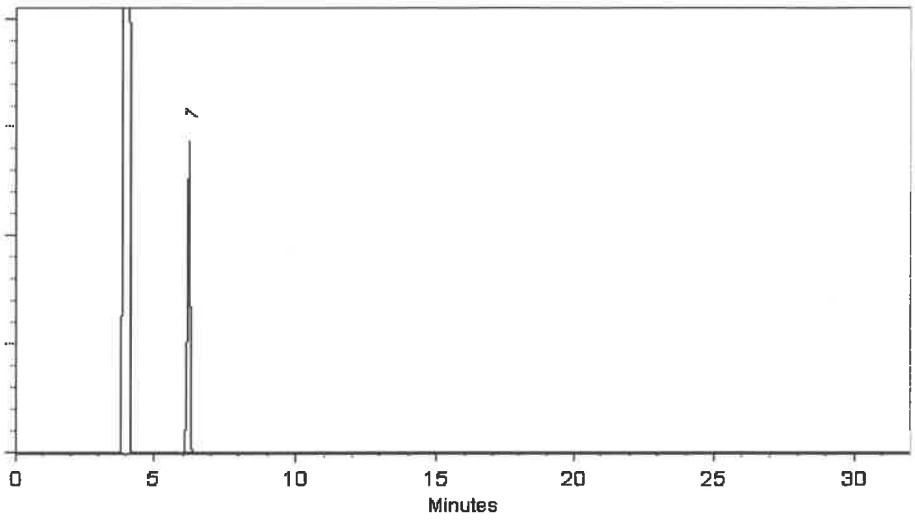
Inj. Temp:
200°C

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.

Aaron Enyart - Operations Tech I

Date Mixed: 07-Oct-2024 **Balance Serial #** B251644995

Brittany Federinko - Operations Tech I

Date Passed: 09-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.

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Vinyl Rec 01/08/21

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

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. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

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

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

Tech Tips:

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

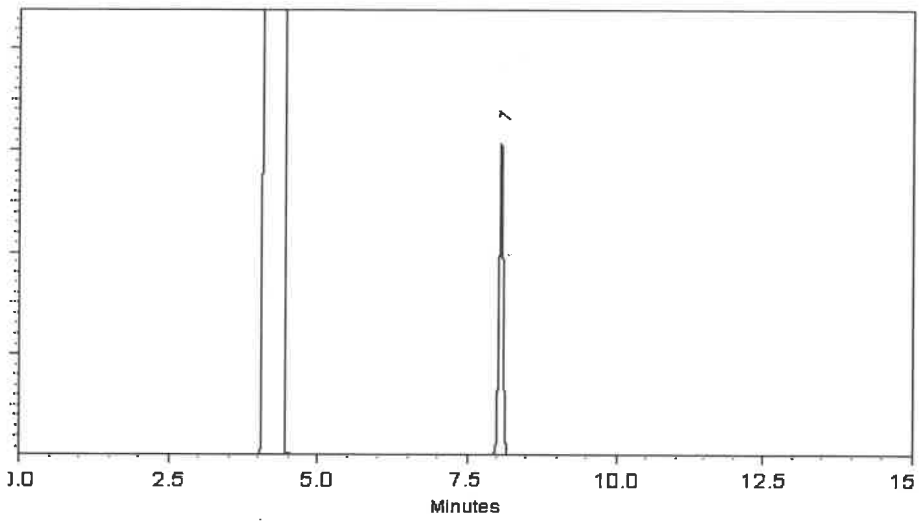
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Ethan Winiarski - Operations Tech I

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

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

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.

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Vinyl Rec 01/08/21

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

chromatographic

VI4803 - VI4822

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. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

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

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

Tech Tips:

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

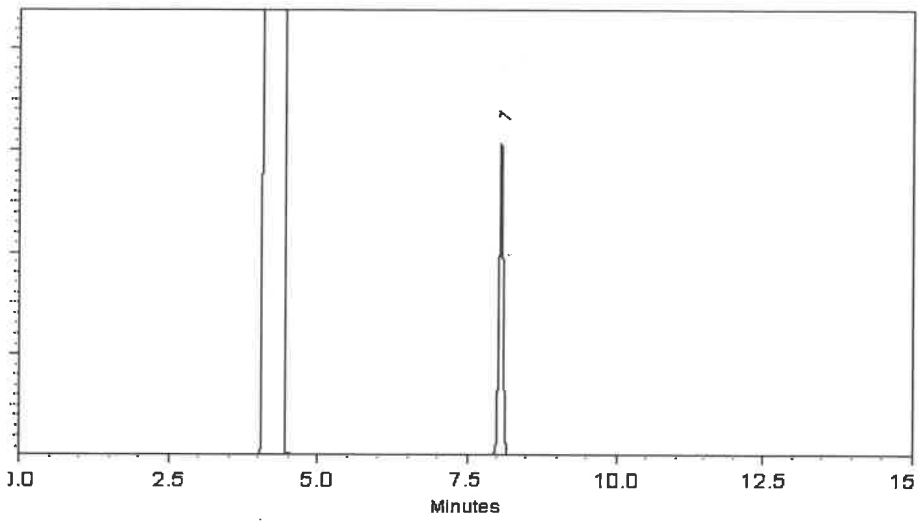
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Ethan Winiarski - Operations Tech I

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

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

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.

10 vial Rec 01/08/25

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14793 to 14802

ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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. : 555408-FL **Lot No.:** A0220563

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,060.0 µg/mL	+/- 278.5905

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

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

Tech Tips:

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

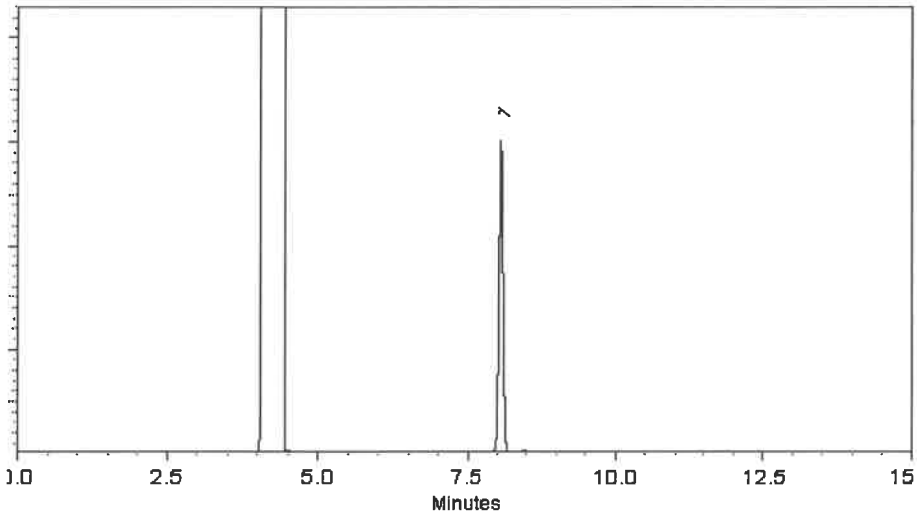
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Tom Suckal - Mix Technician

Date Mixed: 30-Dec-2024 **Balance Serial #** B345965662

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

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.

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10 vial

CERTIFIED REFERENCE MATERIAL

Rec 03/31/25

Certificate of Analysis

gravimetric

V14904 to V14913

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. : 555582 **Lot No.:** A0223904

Description : Custom 8260A/B Surrogate Mix

Custom 8260A/B Surrogate Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : March 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	25,108.0 µg/mL	+/- 1,421.9957
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	25,108.0 µg/mL	+/- 1,421.9957
3	Dibromofluoromethane	1868-53-7	VENKAT02	99%	25,232.0 µg/mL	+/- 1,429.0184
4	Toluene-d8	2037-26-5	PR-34141	99%	25,156.0 µg/mL	+/- 1,424.7141

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

Brittany Federinko - Operations Tech I

Date Mixed: 27-Mar-2025 **Balance:** B251644995

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

Manufacturing Notes:

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

Handling Notes:

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredite
AR-1539 Certificate Number
https://Absolutestandards.co

CERTIFIED WEIGHT REPORT

Part Number: 70046
Lot Number: 070122
Description: Bromochloromethane

Solvent: Methanol **Lot#** EC592-US

Expiration Date: 070127
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

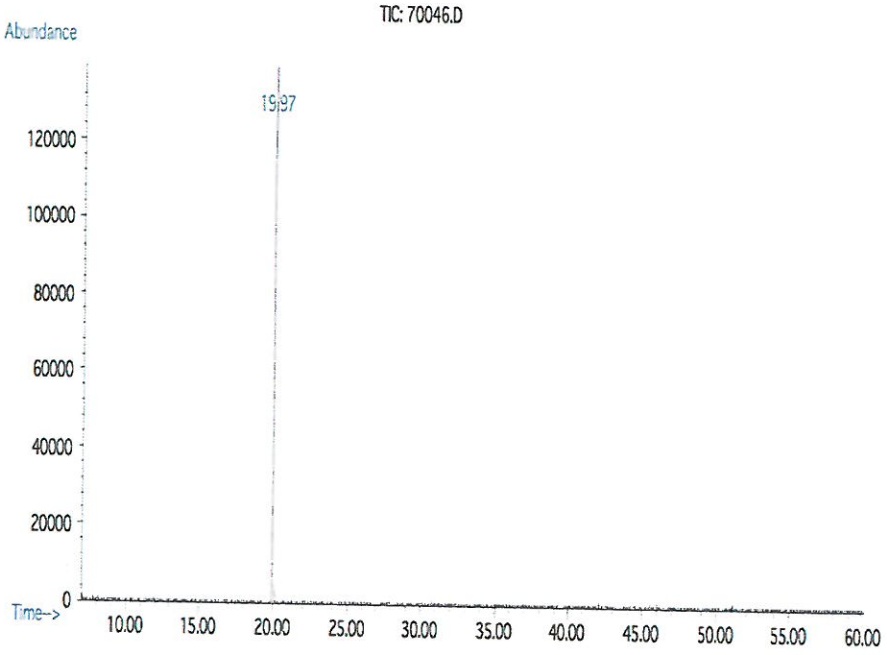
Weight(s) shown below were combined and diluted to (mL): 25.0

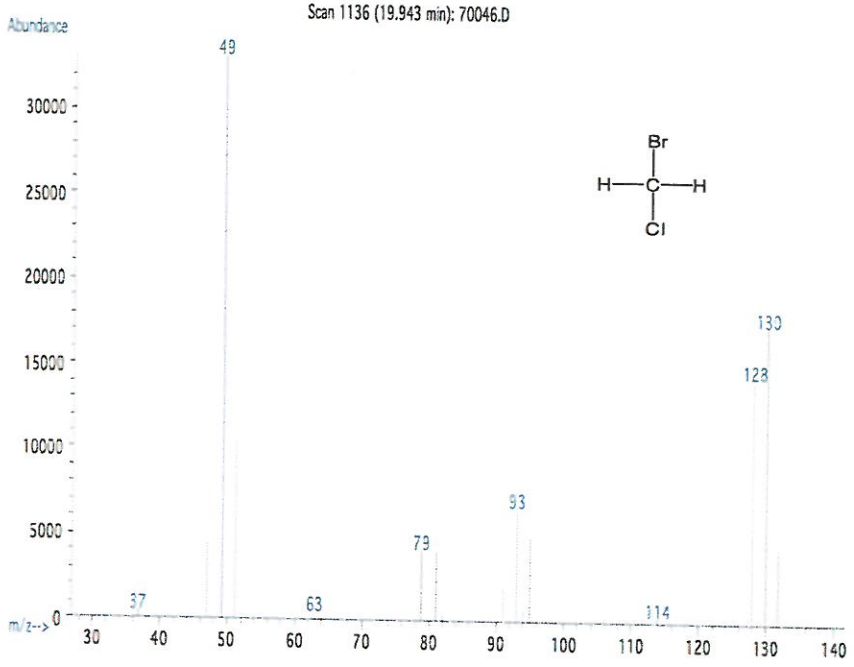
5E-05 Balance Uncertainty
0.0002 Flask Uncertainty

Formulated By:	Gabriel Helland	070122 DATE
Reviewed By:	Pedro L. Rentas	070122 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Bromochloromethane	46	AY01	1000	99	0.2	0.02530	0.02540	1004.1	5.7	74-97-5	200 ppm (1050mg/m3/8H)	orl-rat 5000mg/kg

Method GC6MSD-1.M: Column : (60m X 0.25mm X 1.5 µm) Temp 1 = 35°C (10min.), Temp 2 = 200°C (8.75 min.), Rate = 4°C/min., Injector B= 200°C, Detector B = 220°C. Analyst: Candice Warren





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

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V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Lee 05119125

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL
20 Vial

Certificate of Analysis

chromatographic plus

VJ14951 to VJ14970

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. : 30489 **Lot No.:** A0222076

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBR1889	99%	2,004.0 µg/mL	+/- 69.2674
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,010.0 µg/mL	+/- 69.4748
3	Ethyl acetate	141-78-6	SHBS3323	99%	2,019.3 µg/mL	+/- 69.7974
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,008.0 µg/mL	+/- 69.4057
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBR2024	99%	2,008.0 µg/mL	+/- 69.4057
7	Amyl acetate	628-63-7	BCBT7442	99%	2,006.7 µg/mL	+/- 69.3596

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

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

Tech Tips:

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

Lee 05119125

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J14951 to J14970

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Testing Laboratory
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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. : 30489 **Lot No.:** A0222076

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBR1889	99%	2,004.0 µg/mL	+/- 69.2674
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,010.0 µg/mL	+/- 69.4748
3	Ethyl acetate	141-78-6	SHBS3323	99%	2,019.3 µg/mL	+/- 69.7974
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,008.0 µg/mL	+/- 69.4057
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBR2024	99%	2,008.0 µg/mL	+/- 69.4057
7	Amyl acetate	628-63-7	BCBT7442	99%	2,006.7 µg/mL	+/- 69.3596

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

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

Tech Tips:

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

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Dec 05/19/25

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V14971 to V14980

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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. : 30489 **Lot No.:** A0220531

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBR1889	99%	2,018.7 µg/mL	+/- 69.7744
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,014.7 µg/mL	+/- 69.6361
3	Ethyl acetate	141-78-6	SHBR4534	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,010.7 µg/mL	+/- 69.4979
5	Propyl acetate	109-60-4	P8XLN	99%	2,017.3 µg/mL	+/- 69.7283
6	Butyl acetate	123-86-4	SHBR2024	99%	2,010.7 µg/mL	+/- 69.4979
7	Amyl acetate	628-63-7	BCBT7442	99%	2,017.3 µg/mL	+/- 69.7283

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

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

Tech Tips:

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

Rec 05/19/25

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chromatographic plus

V14981–V14995

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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. : 30042 **Lot No.:** A0221541

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : September 30, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,021.5 µg/mL	+/- 113.7071
2	Chloromethane (methyl chloride)	74-87-3	1462282	99%	2,018.0 µg/mL	+/- 113.8848
3	Vinyl chloride	75-01-4	00015559	99%	2,020.4 µg/mL	+/- 113.8532
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,019.4 µg/mL	+/- 114.1656
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,019.2 µg/mL	+/- 113.8076
6	Trichlorofluoromethane (CFC-11)	75-69-4	29320	99%	2,022.2 µg/mL	+/- 114.4552

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

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

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Rec 06/02/25

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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. : 30006 **Lot No.:** A0220242

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

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

Expiration Date : March 31, 2028 **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	SHBR5966	99%	5,033.8 µg/mL	+/- 173.9449
2	2-Butanone (MEK)	78-93-3	SHBQ9020	99%	5,011.4 µg/mL	+/- 173.1708
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBR0467	99%	5,043.0 µg/mL	+/- 174.2628
4	2-Hexanone	591-78-6	MKCV1997	99%	5,028.8 µg/mL	+/- 173.7721

* 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.)

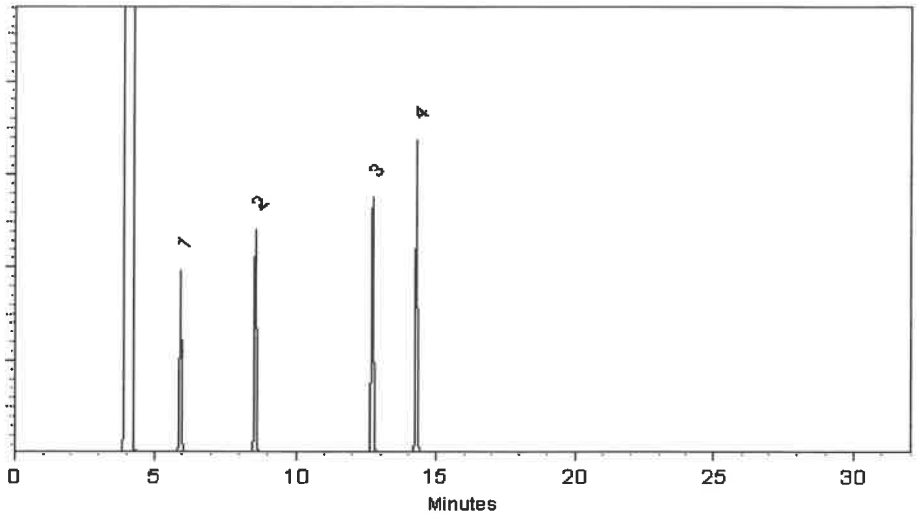
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
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.

Stacey Wanner - Operations Technician I

Date Mixed: 17-Dec-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 20-Dec-2024

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

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

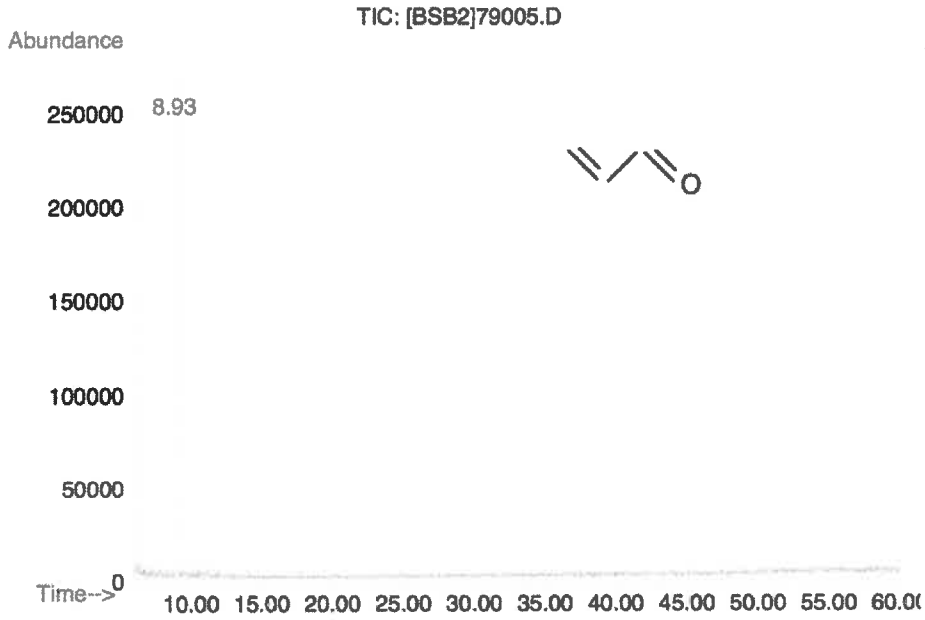
V15064 to V15068

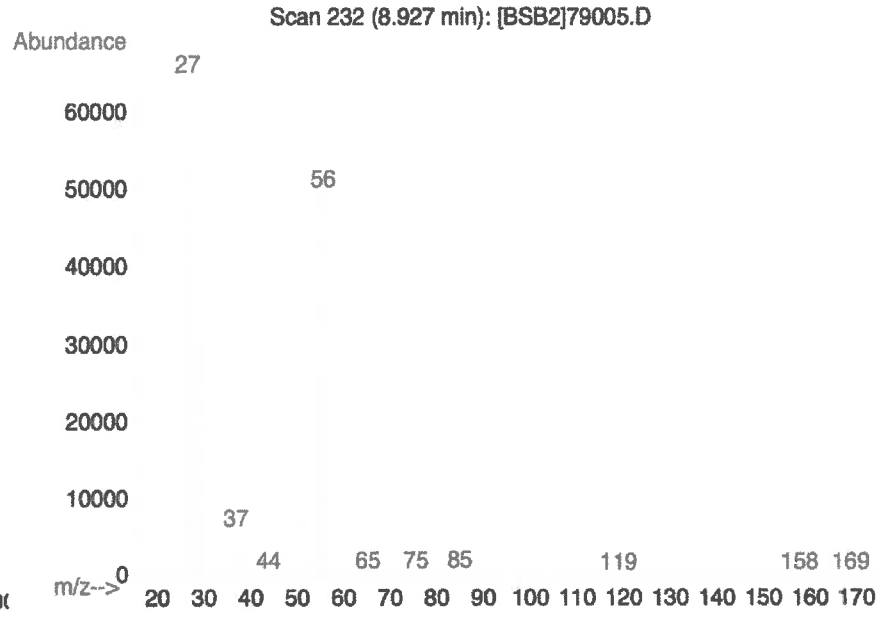
Expiration Date: 101525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By:	Anthony Mahoney	091525 DATE
Reviewed By:	Pedro L. Rentas	091525 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).**
- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Rev 1.0, 2/25/2025

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Rec 09/16/25 5 vial

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

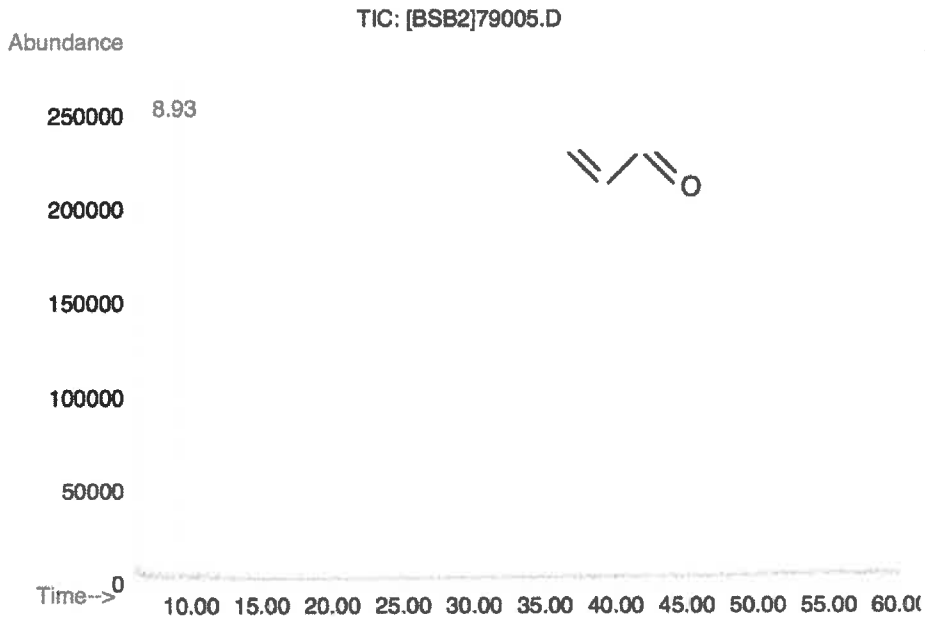
V15064 to V15068

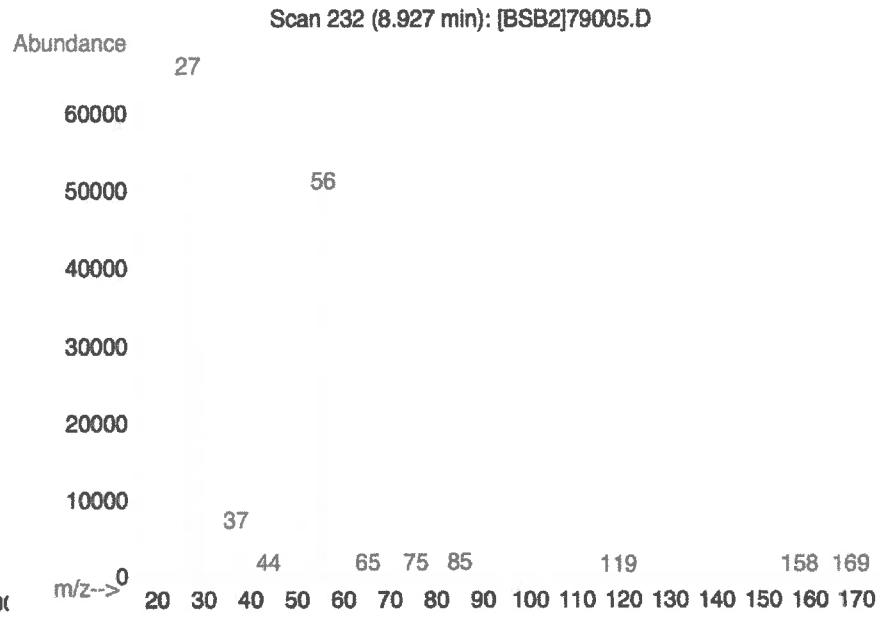
Expiration Date: 101525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By:	Anthony Mahoney	091525 DATE
Reviewed By:	Pedro L. Rentas	091525 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
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- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

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Rec 09/16/25 5 vial

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

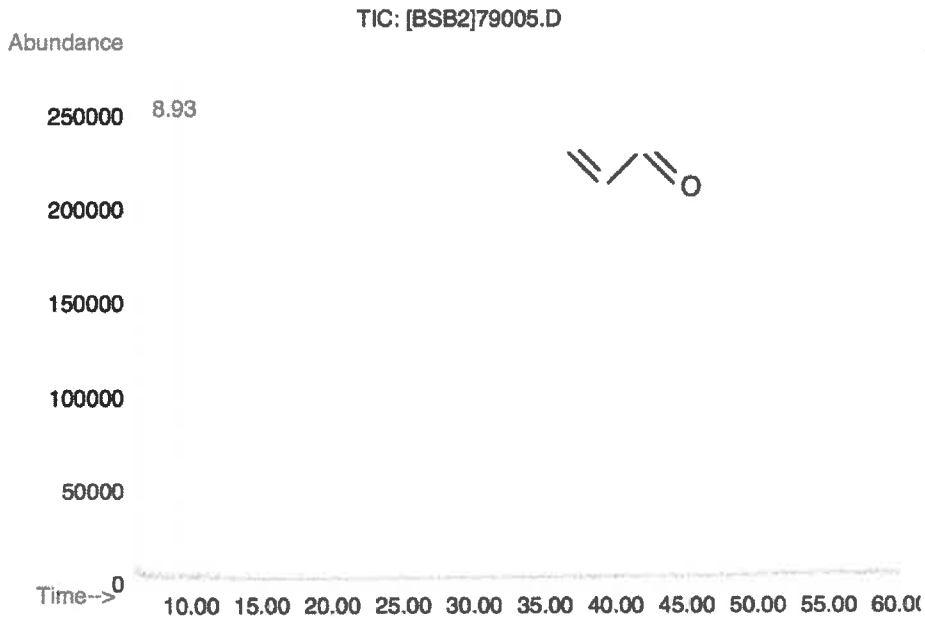
V15064 to V15068

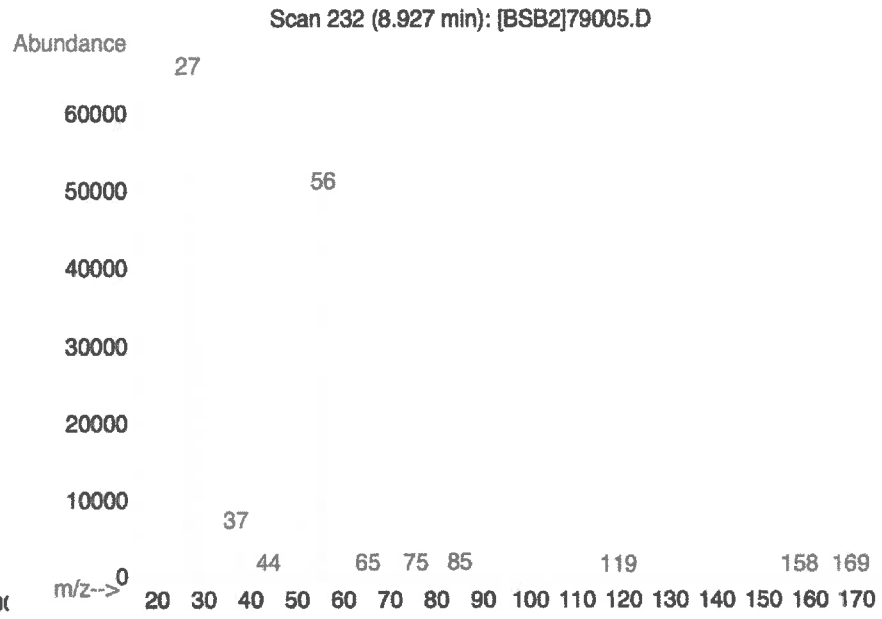
Expiration Date: 101525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

	091525
Formulated By: Anthony Mahoney	DATE
	091525
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Certified Reference Material CRM

Rec 10/16/25 5 vials

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 101625
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

Expiration Date: 111625
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

V15071 – V15075

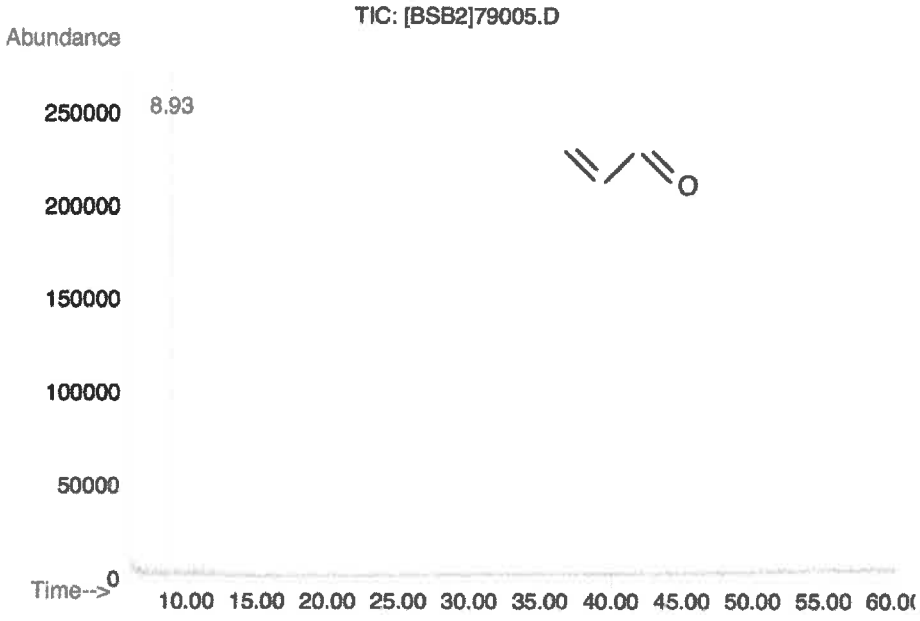
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

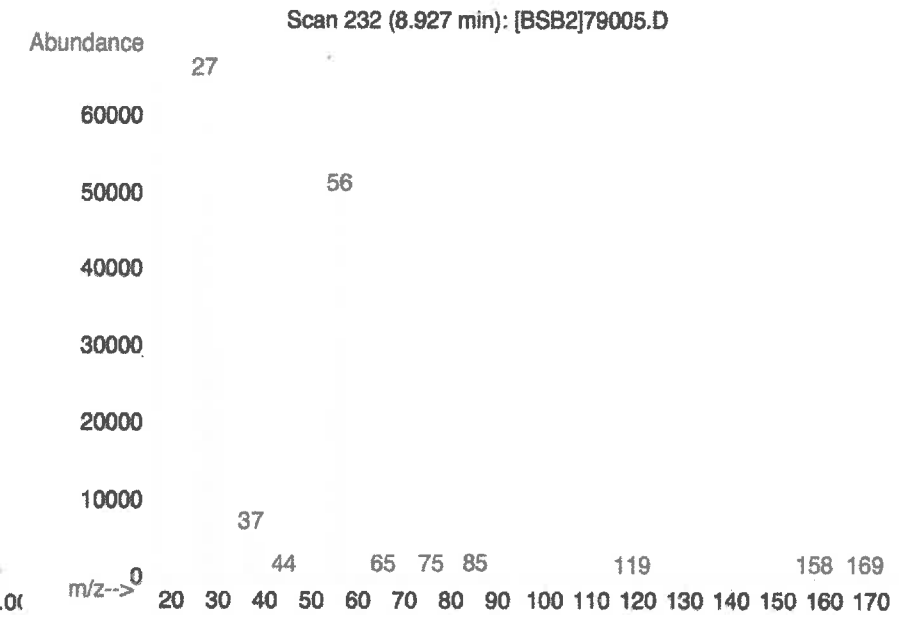
Weight(s) shown below were combined and diluted to (mL): 10.0

Prashant Chauhan	101625
Formulated By: Prashant Chauhan	DATE
Pedro L. Rentas	101625
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05180	5013.7	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization wtih weights traceable through NIST to the SI kilogram (see above).
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  Rev 1.0, 2/25/2025

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Rec 10/16/25 5 vials

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 101625
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

Expiration Date: 111625
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

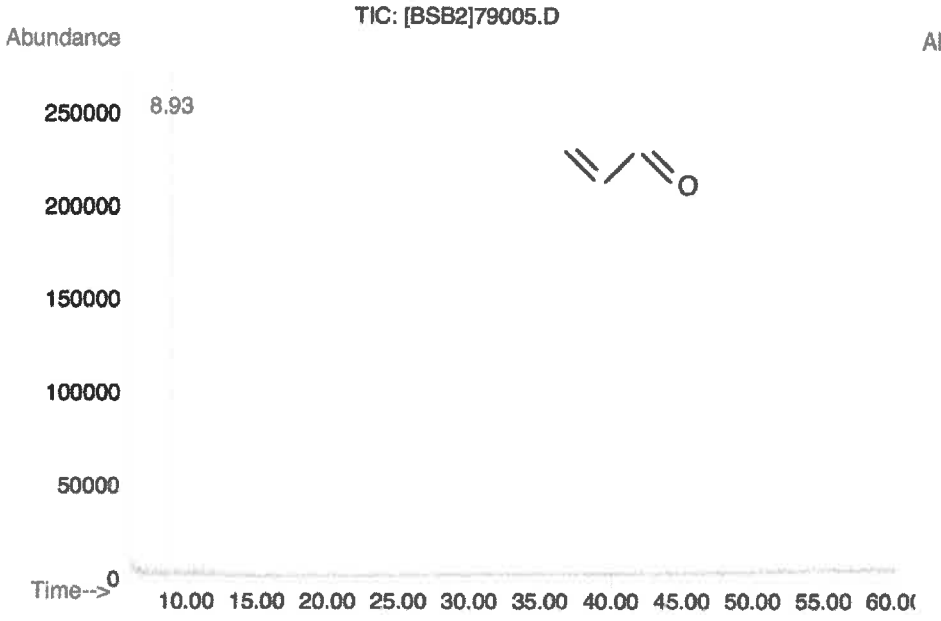
V15071 – V15075

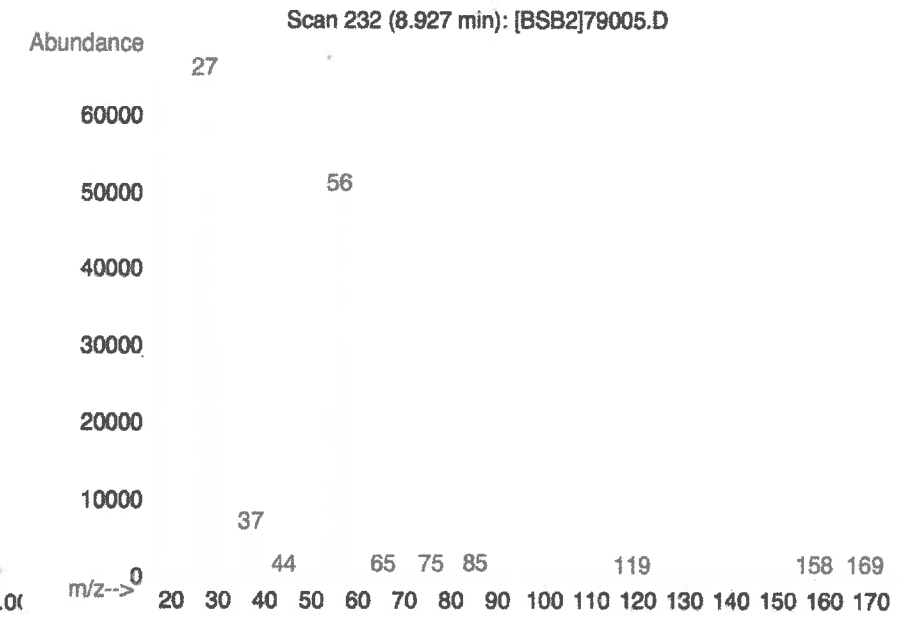
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By: Prashant Chauhan	101625 DATE
Reviewed By: Pedro L. Rentas	101625 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05180	5013.7	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Goverament Printing Office, Washington, DC, (1994).
  Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 10/16/25 5 vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 101625
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

Expiration Date: 111625
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

V15071 – V15075

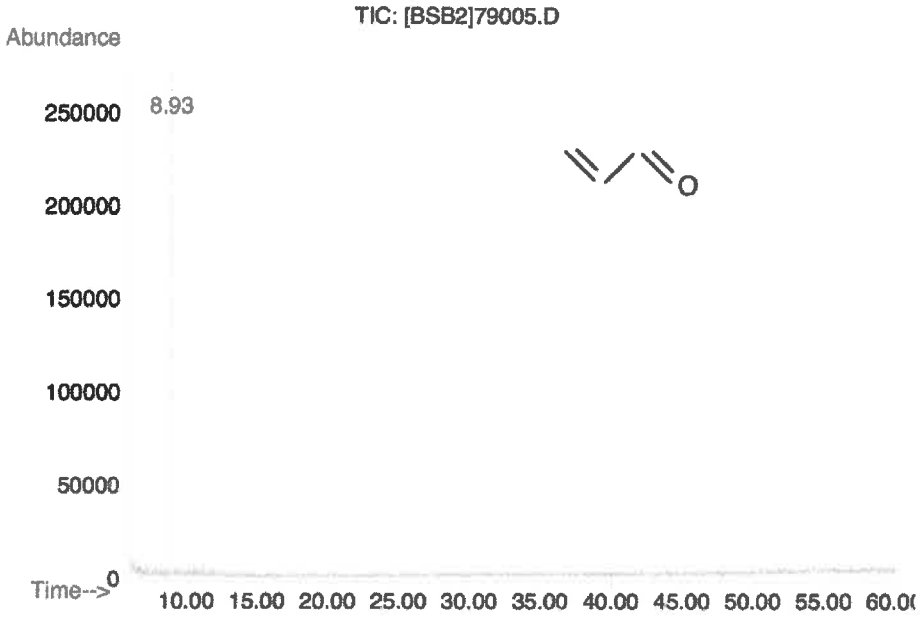
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

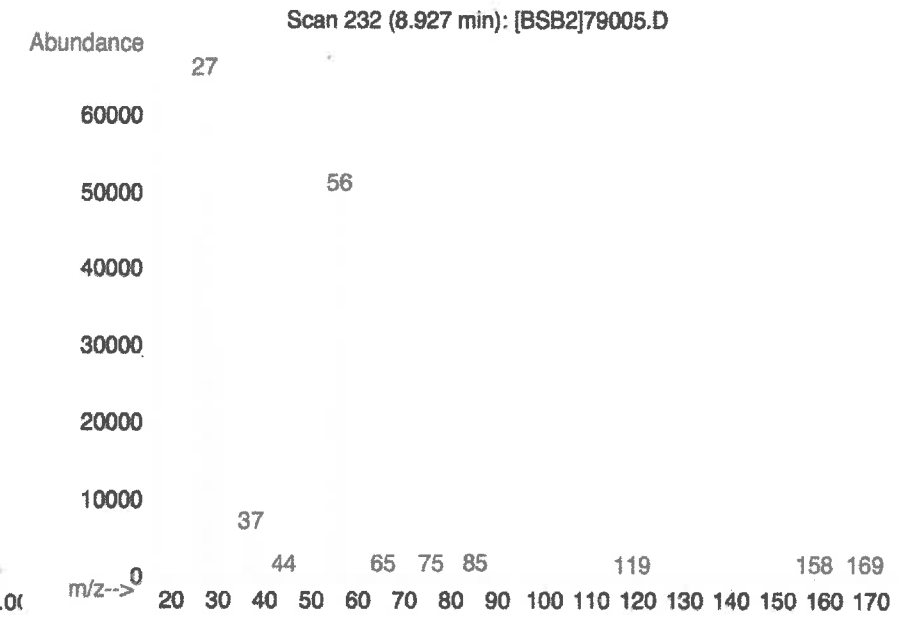
Weight(s) shown below were combined and diluted to (mL): 10.0

Prashant Chauhan	101625
Formulated By: Prashant Chauhan	DATE
Pedro L. Rentas	101625
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05180	5013.7	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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  Rev 1.0, 2/25/2025

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 10/17/25 2 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 101525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

Expiration Date: 111525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

V150726-77

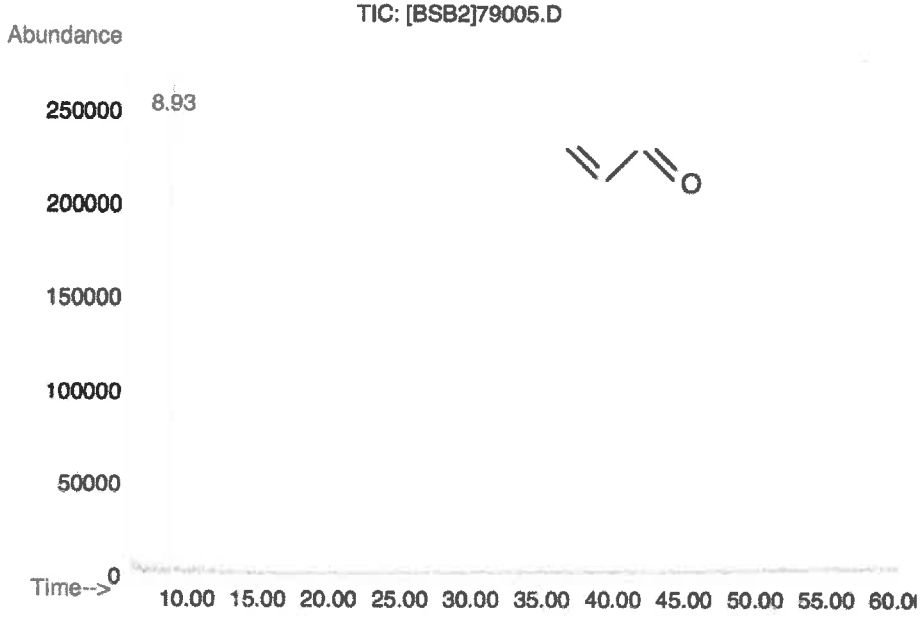
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0
0.001 Flask Uncertainty

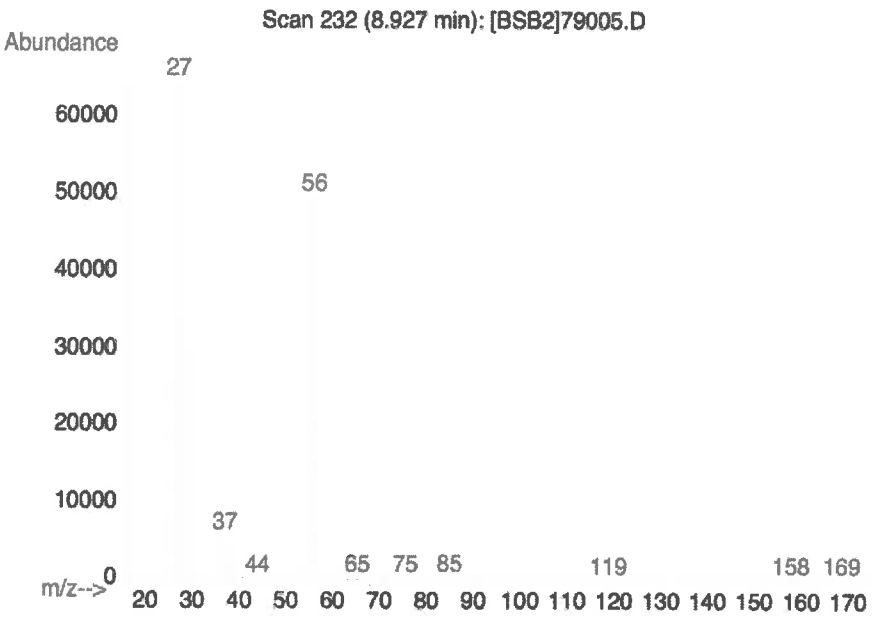
Justin Dippold 101525
Formulated By: Justin Dippold DATE

Pedro Rentas 101525
Reviewed By: Pedro L. Rentas DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acrolein	5	103755R02H	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Rev 1.0, 2/25/2025

Absolute Standards, Inc.
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www.absolutestandards.com

Certified Reference Material CRM

Rec 10/17/25 2 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 101525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

Expiration Date: 111525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

V150726-77

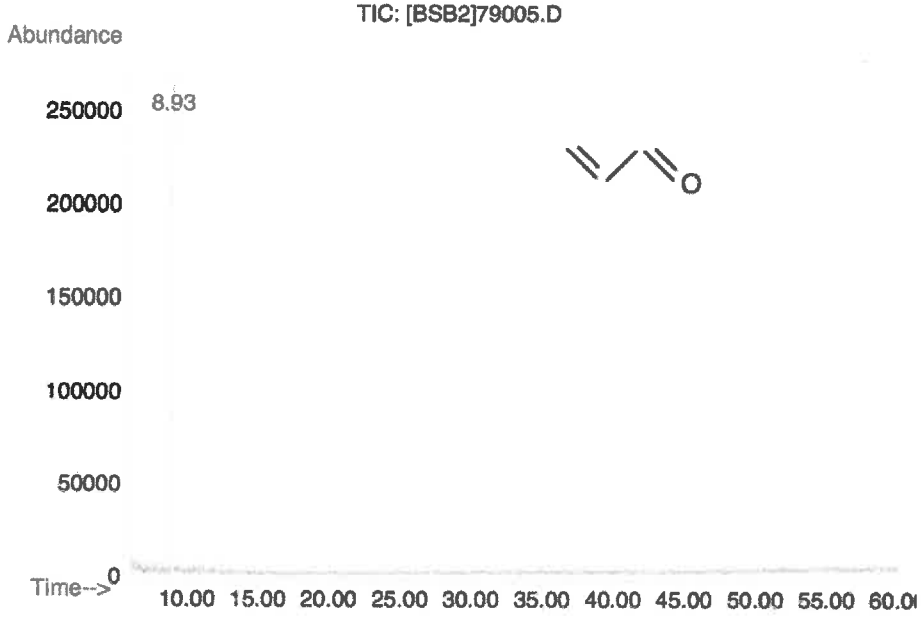
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

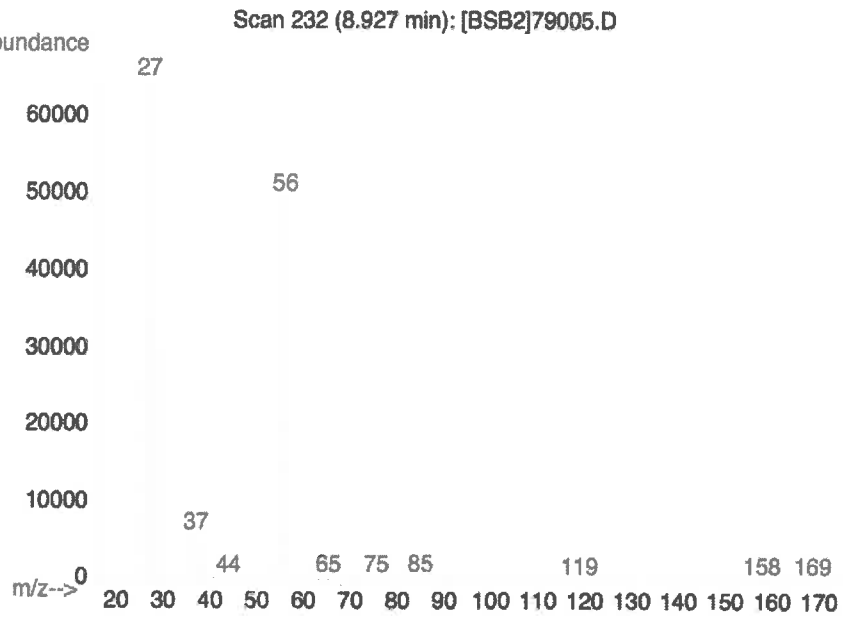
Justin Dippold 101525
Formulated By: Justin Dippold DATE

Pedro Rentas 101525
Reviewed By: Pedro L. Rentas DATE

	Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acrolein	5	103755R02H	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Rev 1.0, 2/25/2025

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q3311

COC Number:

CLIENT INFORMATION

COMPANY: CORE Environmental Consultants
ADDRESS: 22-48 119th Street
CITY: College Point STATE: NY ZIP: 11356
ATTENTION: Roland Scardino
PHONE: 609-781-8074 FAX: 718-786-4764

PROJECT INFORMATION

PROJECT NAME: The Wills Building
PROJECT #: LOCATION: 43-01 21st St Long Island City, NY
PROJECT MANAGER: Roland Scardino
E-MAIL: rscardino@coreenv.com
PHONE: FAX:

BILLING INFORMATION

BILL TO: CORE Environmental Consultants PO#
ADDRESS: 2312 Wehrle Drive
CITY: Buffalo STATE: NY ZIP: 14221
ATTENTION: Joseph Zaheer PHONE: 716-204-8054

DATA TURNAROUND INFORMATION

FAX: DAYS*
HARD COPY: STANDARD DAYS*
EDD DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ USEPA CLP
- ☒ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other
- ☐ EDD Format NYSDEC "V5"

ANALYSIS

TCL VOCs

1	2	3	4	5	6	7	8	9

PRESERVATIVES: A

1	2	3	4	5	6	7	8	9

COMMENTS: ⇐ Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles
1	MW-218	GW		X	10/7/25	15:45	3
2	MW-219					15:45	9
3	MW-1S					13:25	3
4	MW-1D					13:55	3
5	MW-2S					15:00	3
6	MW-101S					10:30	3
7	C-MW-3					9:45	3
8	MW-5BA					16:30	3
9	MW-6BA					11:30	3
10	MW-214D					12:15	3
11	MW-215D					11:00	3
12	MW-227B					16:00	3
13	GW-DUP					11:45	3

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Eric Chen	10/7/25	1. Roland Scardino
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.	10/8/25	2. 1210 10-8-25
RELINQUISHED BY	DATE/TIME 1630	RECEIVED FOR LAB BY
3.	10-8-25	3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☒ Non Compliant ☐ Cooler Temp 3.6°C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?
Comments:

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☒ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3311 CORE02
Client Name : Core Environmental Consul
Client Contact : Roland Scardino
Invoice Name : Core Environmental Consul
Invoice Contact : Roland Scardino

Order Date : 10/8/2025 1:32:58 PM
Project Name : The Wills Building
Receive DateTime : 10/8/2025 ~~12:00:00 AM~~ 16:30
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3311-01	MW-218	Water	10/07/2025	15:20					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3311-02	MW-219	Water	10/07/2025	15:45					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3311-03	Q3311-02MS	Water	10/07/2025	15:45					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3311-04	Q3311-02MSD	Water	10/07/2025	15:45					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3311-05	MW-1S	Water	10/07/2025	13:25					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3311-06	MW-1D	Water	10/07/2025	13:55					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3311-07	MW-2S	Water	10/07/2025	15:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q3311-08	MW-101S	Water	10/07/2025	10:30					

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Project Mgr :
Report Type : NYS ASP B
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q3311-09	C-MW-3	Water	10/07/2025	09:45						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q3311-10	MW-5BA	Water	10/07/2025	16:30						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q3311-11	MW-6BA	Water	10/07/2025	11:30						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q3311-12	MW-214D	Water	10/07/2025	12:15						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q3311-13	MW-215D	Water	10/07/2025	11:00						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q3311-14	MW-227B	Water	10/07/2025	16:00						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		
Q3311-15	GW-DUP	Water	10/07/2025	11:45						
					VOC-TCLVOA-10		8260-Low	10 Bus. Days		

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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Invoice Contact :	Roland Scardino			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By : _____

Date / Time : 10/9/25 1050

Received By : _____

Date / Time : 10/09/25

Storage Area : **VOA Refridgerator Room**