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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : Q3324

ATTENTION : Ernie Wu

Laboratory Certification ID # 20012

Table Of Contents for Q3324

1) VOLATILES DATA 2

2) Signature Page 4

3) Case Narrative 5

4) Qualifier Page 7

5) Conformance/Non Conformance 8

6) QA Checklist 10

7) Chronicle 11

8) Hit Summary 12

9) QC Data Summary For VOC-TCLVOA-10 13

- 9.1) Deuterated Monitoring Compound Summary 14
- 9.2) LCS/LCSD Summary 16
- 9.3) Method Blank Summary 22
- 9.4) GS/MS Tune Summary 24
- 9.5) Internal Standard Area and RT Summary 27

10) Sample Data 31

- 10.1) BP-VPB-184-TB-20251006 32
- 10.2) BP-VPB-184-EB-20251009 44
- 10.3) BP-VPB-184-GW-760-762 57
- 10.4) BP-VPB-184-GW-780-782 70
- 10.5) BP-VPB-184-GW-840-842 83
- 10.6) BP-VPB-184-GW-860-862 96
- 10.7) BP-VPB-184-DUP-20251009 109
- 10.8) BP-VPB-184-GW-820-822 122

11) Calibration Data Summary 135

- 11.1) Initial Calibration Data 136
  - 11.1.1) VX091625 136
- 11.2) Continued Calibration Data 506
  - 11.2.1) VX048100.D 506
  - 11.2.2) VX048124.D 566
  - 11.2.3) VX048126.D 626
  - 11.2.4) VX048151.D 686

12) QC Sample Data 746

- 12.1) Tune Raw Data 747
- 12.2) Method Blank Data 750
- 12.3) LCS Data 774

12.4) LCSD Data 882
13) Manual Integration 936
14) Analytical Runlogs 939
15) Standard Prep Logs 949
16) Shipping Document 1037
16.1) Chain Of Custody 1038
16.2) Lab Certificate 1039
16.3) Internal COC 1040
17) Not Reviewed Data 1042

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

Cover Page

Order ID : Q3324

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q3324-02	BP-VPB-184-TB-20251006
Q3324-03	BP-VPB-184-EB-20251009
Q3324-04	BP-VPB-184-GW-760-762
Q3324-05	BP-VPB-184-GW-780-782
Q3324-06	BP-VPB-184-GW-840-842
Q3324-07	BP-VPB-184-GW-860-862
Q3324-08	BP-VPB-184-DUP-20251009
Q3324-09	BP-VPB-184-GW-820-822

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: 10/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage 112G08005-WE13
Project Manager# Ernie Wu
Order ID # Q3324
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
8 Water samples were received on 10/09/2025.

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

The RPD were met for all analysis.
The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate for {VX1010WBSD01} with File ID: VX048122.D met requirements for all compounds except for Bromochloromethane[127%] is failing high but no positive hit in associate sample 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, Dichlorodifluoromethane, Methylcyclohexane, Trichlorofluoromethane and Vinyl Chloride are is failing high but no positive hit in associate sample while Carbon Disulfide is failing high and associate sample having hit of Carbon Disulfide but below CRQL therefore no corrective action taken.

The Continuous Calibration File ID VX048126.D met the requirements except for 1,1,2-Trichlorotrifluoroethane, Bromomethane, Carbon Disulfide, Dichlorodifluoromethane,

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Phone: 908 789 8900 Fax: 908 789 8922

Trichlorofluoromethane and Vinyl Chloride are failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

The Sample #BP-VPB-184-GW-840-842 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

The laboratory certifies that the all-electronic diskette deliverable exactly match the data Summary forms (i.e. Form Is)."

The not QT review data is reported in the Miscellaneous.

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

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_____

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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: Q3324 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, Dichlorodifluoromethane, Methylcyclohexane, Trichlorofluoromethane and Vinyl Chloride are is failing high but no positive hit in associate sample while Carbon Disulfide is failing high and associate sample having hit of Carbon Disulfide but below CRQL therefore no corrective action taken. The Continuous Calibration File ID VX048126.D met the requirements except for 1,1,2-Trichlorotrifluoroethane, Bromomethane, Carbon Disulfide, 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.			✓
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 Blank Spike met requirements for all compounds. The Blank Spike Duplicate for {VX1010WBSD01} with File ID: VX048122.D met requirements for all compounds except for Bromochloromethane[127%] is failing high but no positive hit in associate sample therefore no corrective action taken.		✓	
9.	Internal Standard Area/Retention Time Shift Meet Criteria Comments:			✓

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

		NA	NO	YES
10.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

The Sample #BP-VPB-184-GW-840-842 have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

The laboratory certifies that the all-electronic diskette deliverable exactly match the data Summary forms (i.e. Form Is)."

The not QT review data is reported in the Miscellaneous.

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3324

	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:** 10/17/2025

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LAB CHRONICLE

OrderID:	Q3324	**OrderDate:**	10/10/2025 10:16:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	D41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3324-02	**BP-VPB-184-TB-20251006**	**Water**			**10/06/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3324-03	**BP-VPB-184-EB-20251009**	**Water**			**10/09/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/13/25	
Q3324-04	**BP-VPB-184-GW-760-762**	**Water**			**10/06/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3324-05	**BP-VPB-184-GW-780-782**	**Water**			**10/07/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/13/25	
Q3324-06	**BP-VPB-184-GW-840-842**	**Water**			**10/09/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3324-07	**BP-VPB-184-GW-860-862**	**Water**			**10/09/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	
Q3324-08	**BP-VPB-184-DUP-20251009**	**Water**			**10/09/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/13/25	
Q3324-09	**BP-VPB-184-GW-820-822**	**Water**			**10/08/25**			**10/09/25**
			VOC-TCLVOA-10	8260-Low			10/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3324

Client: Tetra Tech NUS, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	**BP-VPB-184-EB-20251009**								
Q3324-03	BP-VPB-184-EB-2(	Water	Acetone	5.10		1.50	3.80	5.00	ug/L
			Total Voc :	5.10					
			Total Concentration:	5.10					
Client ID:	**BP-VPB-184-GW-760-762**								
Q3324-04	BP-VPB-184-GW-7	Water	Acetone	5.60		1.50	3.80	5.00	ug/L
Q3324-04	BP-VPB-184-GW-7	Water	Trichloroethene	0.37	J	0.090	0.75	1.00	ug/L
			Total Voc :	5.97					
			Total Concentration:	5.97					
Client ID:	**BP-VPB-184-GW-780-782**								
Q3324-05	BP-VPB-184-GW-7	Water	Acetone	3.80	J	1.50	3.80	5.00	ug/L
			Total Voc :	3.80					
			Total Concentration:	3.80					
Client ID:	**BP-VPB-184-GW-840-842**								
Q3324-06	BP-VPB-184-GW-8	Water	Acetone	5.90		1.50	3.80	5.00	ug/L
			Total Voc :	5.90					
			Total Concentration:	5.90					
Client ID:	**BP-VPB-184-GW-860-862**								
Q3324-07	BP-VPB-184-GW-8	Water	Acetone	4.90	J	1.50	3.80	5.00	ug/L
Q3324-07	BP-VPB-184-GW-8	Water	Carbon Disulfide	0.41	J	0.21	0.75	1.00	ug/L
			Total Voc :	5.31					
			Total Concentration:	5.31					
Client ID:	**BP-VPB-184-DUP-20251009**								
Q3324-08	BP-VPB-184-DUP-	Water	Acetone	5.20		1.50	3.80	5.00	ug/L
			Total Voc :	5.20					
			Total Concentration:	5.20					
Client ID:	**BP-VPB-184-GW-820-822**								
Q3324-09	BP-VPB-184-GW-8	Water	Chloromethane	0.35	J	0.32	0.50	1.00	ug/L
Q3324-09	BP-VPB-184-GW-8	Water	Acetone	11.9		1.50	3.80	5.00	ug/L
			Total Voc :	12.3					
			Total Concentration:	12.3					

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q3324

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3324-02	BP-VPB-184-TB-20251006	1,2-Dichloroethane-d4	50	49.3	99		81	118
		Dibromofluoromethane	50	46.9	94		80	119
		Toluene-d8	50	46.8	94		89	112
		4-Bromofluorobenzene	50	53.6	107		85	114
Q3324-03	BP-VPB-184-EB-20251009	1,2-Dichloroethane-d4	50	50.4	101		81	118
		Dibromofluoromethane	50	48.4	97		80	119
		Toluene-d8	50	48.0	96		89	112
		4-Bromofluorobenzene	50	54.9	110		85	114
Q3324-04	BP-VPB-184-GW-760-762	1,2-Dichloroethane-d4	50	52.7	105		81	118
		Dibromofluoromethane	50	49.0	98		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	55.3	111		85	114
Q3324-05	BP-VPB-184-GW-780-782	1,2-Dichloroethane-d4	50	50.4	101		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	48.8	98		89	112
		4-Bromofluorobenzene	50	56.2	112		85	114
Q3324-06	BP-VPB-184-GW-840-842	1,2-Dichloroethane-d4	50	53.3	107		81	118
		Dibromofluoromethane	50	50.2	100		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	56.4	113		85	114
Q3324-07	BP-VPB-184-GW-860-862	1,2-Dichloroethane-d4	50	54.1	108		81	118
		Dibromofluoromethane	50	49.6	99		80	119
		Toluene-d8	50	48.7	97		89	112
		4-Bromofluorobenzene	50	55.9	112		85	114
Q3324-08	BP-VPB-184-DUP-20251009	1,2-Dichloroethane-d4	50	52.0	104		81	118
		Dibromofluoromethane	50	48.8	98		80	119
		Toluene-d8	50	48.4	97		89	112
		4-Bromofluorobenzene	50	56.7	113		85	114
Q3324-09	BP-VPB-184-GW-820-822	1,2-Dichloroethane-d4	50	51.7	103		81	118
		Dibromofluoromethane	50	49.5	99		80	119
		Toluene-d8	50	48.5	97		89	112
		4-Bromofluorobenzene	50	54.2	108		85	114
VX1010WBL01	VX1010WBL01	1,2-Dichloroethane-d4	50	49.5	99		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	49.5	99		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
VX1010WBS01	VX1010WBS01	1,2-Dichloroethane-d4	50	45.4	91		81	118
		Dibromofluoromethane	50	50.1	100		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	49.2	98		85	114
VX1010WBSD0	VX1010WBSD01	1,2-Dichloroethane-d4	50	52.3	105		81	118
		Dibromofluoromethane	50	55.6	111		80	119
		Toluene-d8	50	54.5	109		89	112
		4-Bromofluorobenzene	50	55.6	111		85	114
VX1013WBL01	VX1013WBL01	1,2-Dichloroethane-d4	50	49.8	100		81	118
		Dibromofluoromethane	50	48.9	98		80	119
		Toluene-d8	50	48.3	97		89	112
		4-Bromofluorobenzene	50	54.5	109		85	114
VX1013WBS01	VX1013WBS01	1,2-Dichloroethane-d4	50	50.5	101		81	118
		Dibromofluoromethane	50	55.6	111		80	119

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Surrogate Summary

SDG No.: Q3324

Client: Tetra Tech NUS, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
VX1013WBS01	VX1013WBS01	Toluene-d8	50	53.9	108		89	112
		4-Bromofluorobenzene	50	54.8	110		85	114

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3324**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**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			32	152	
	Chloromethane	20	17.6	ug/L	88			50	139	
	Vinyl chloride	20	19.2	ug/L	96			58	137	
	Bromomethane	20	20.6	ug/L	103			53	141	
	Chloroethane	20	18.7	ug/L	94			60	138	
	Trichlorofluoromethane	20	19.8	ug/L	99			65	141	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/L	100			70	136	
	1,1-Dichloroethene	20	18.5	ug/L	93			71	131	
	Acetone	100	67.1	ug/L	67			39	160	
	Carbon disulfide	20	20.2	ug/L	101			64	133	
	Methyl tert-butyl Ether	20	16.3	ug/L	81			71	124	
	Methyl Acetate	20	14.2	ug/L	71			56	136	
	Methylene Chloride	20	17.6	ug/L	88			74	124	
	trans-1,2-Dichloroethene	20	18.3	ug/L	92			75	124	
	1,1-Dichloroethane	20	17.5	ug/L	88			77	125	
	Cyclohexane	20	19.2	ug/L	96			71	130	
	2-Butanone	100	71.9	ug/L	72			56	143	
	Carbon Tetrachloride	20	19.5	ug/L	98			72	136	
	cis-1,2-Dichloroethene	20	17.7	ug/L	89			78	123	
	Bromochloromethane	20	24.4	ug/L	122			78	123	
	Chloroform	20	18.5	ug/L	93			79	124	
	1,1,1-Trichloroethane	20	18.3	ug/L	92			74	131	
	Methylcyclohexane	20	20.4	ug/L	102			72	132	
	Benzene	20	19.2	ug/L	96			79	120	
	1,2-Dichloroethane	20	18.7	ug/L	94			73	128	
	Trichloroethene	20	18.9	ug/L	95			79	123	
	1,2-Dichloropropane	20	18.9	ug/L	95			78	122	
	Bromodichloromethane	20	18.9	ug/L	95			79	125	
	4-Methyl-2-Pentanone	100	81.3	ug/L	81			67	130	
	Toluene	20	19.1	ug/L	96			80	121	
	t-1,3-Dichloropropene	20	18.3	ug/L	92			73	127	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			75	124	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			80	119	
	2-Hexanone	100	76.5	ug/L	77			57	139	
	Dibromochloromethane	20	19.5	ug/L	98			74	126	
	1,2-Dibromoethane	20	18.7	ug/L	94			77	121	
	Tetrachloroethene	20	20.0	ug/L	100			74	129	
	Chlorobenzene	20	18.6	ug/L	93			82	118	
	Ethyl Benzene	20	18.2	ug/L	91			79	121	
	m/p-Xylenes	40	36.7	ug/L	92			80	121	
	o-Xylene	20	18.2	ug/L	91			78	122	
	Styrene	20	17.9	ug/L	90			78	123	
	Bromoform	20	18.0	ug/L	90			66	130	
	Isopropylbenzene	20	17.5	ug/L	88			72	131	
	1,1,2,2-Tetrachloroethane	20	17.0	ug/L	85			71	121	
	1,3-Dichlorobenzene	20	17.5	ug/L	88			80	119	
	1,4-Dichlorobenzene	20	17.4	ug/L	87			79	118	
	1,2-Dichlorobenzene	20	17.4	ug/L	87			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3324**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**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			62	128	
	1,2,4-Trichlorobenzene	20	16.1	ug/L	81			69	130	
	1,2,3-Trichlorobenzene	20	16.1	ug/L	81			69	129	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3324 **Analytical Method:** SW8260-Low

Client: Tetra Tech NUS, Inc. **Datafile :** VX048122.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1010WBSD01	Dichlorodifluoromethane	20	22.3	ug/L	112	7		32	152	20
	Chloromethane	20	19.3	ug/L	97	10		50	139	20
	Vinyl chloride	20	21.2	ug/L	106	10		58	137	20
	Bromomethane	20	21.6	ug/L	108	5		53	141	20
	Chloroethane	20	20.9	ug/L	104	10		60	138	20
	Trichlorofluoromethane	20	21.4	ug/L	107	8		65	141	20
	1,1,2-Trichlorotrifluoroethane	20	21.5	ug/L	108	8		70	136	20
	1,1-Dichloroethene	20	20.3	ug/L	102	9		71	131	20
	Acetone	100	68.8	ug/L	69	3		39	160	20
	Carbon disulfide	20	22.3	ug/L	112	10		64	133	20
	Methyl tert-butyl Ether	20	18.6	ug/L	93	14		71	124	20
	Methyl Acetate	20	16.3	ug/L	81	13		56	136	20
	Methylene Chloride	20	20.4	ug/L	102	15		74	124	20
	trans-1,2-Dichloroethene	20	20.3	ug/L	102	10		75	124	20
	1,1-Dichloroethane	20	20.3	ug/L	102	15		77	125	20
	Cyclohexane	20	20.4	ug/L	102	6		71	130	20
	2-Butanone	100	82.4	ug/L	82	13		56	143	20
	Carbon Tetrachloride	20	21.1	ug/L	106	8		72	136	20
	cis-1,2-Dichloroethene	20	19.7	ug/L	99	11		78	123	20
	Bromochloromethane	20	25.4	ug/L	127	4	*	78	123	20
	Chloroform	20	20.3	ug/L	102	9		79	124	20
	1,1,1-Trichloroethane	20	20.6	ug/L	103	11		74	131	20
	Methylcyclohexane	20	21.0	ug/L	105	3		72	132	20
	Benzene	20	20.9	ug/L	104	8		79	120	20
	1,2-Dichloroethane	20	20.5	ug/L	103	9		73	128	20
	Trichloroethene	20	21.1	ug/L	106	11		79	123	20
	1,2-Dichloropropane	20	20.9	ug/L	104	9		78	122	20
	Bromodichloromethane	20	21.2	ug/L	106	11		79	125	20
	4-Methyl-2-Pentanone	100	94.4	ug/L	94	15		67	130	20
	Toluene	20	21.2	ug/L	106	10		80	121	20
	t-1,3-Dichloropropene	20	19.3	ug/L	97	5		73	127	20
	cis-1,3-Dichloropropene	20	19.9	ug/L	100	6		75	124	20
	1,1,2-Trichloroethane	20	20.6	ug/L	103	10		80	119	20
	2-Hexanone	100	87.8	ug/L	88	13		57	139	20
	Dibromochloromethane	20	21.4	ug/L	107	9		74	126	20
	1,2-Dibromoethane	20	21.6	ug/L	108	14		77	121	20
	Tetrachloroethene	20	21.9	ug/L	110	10		74	129	20
	Chlorobenzene	20	20.1	ug/L	101	8		82	118	20
	Ethyl Benzene	20	20.0	ug/L	100	9		79	121	20
	m/p-Xylenes	40	40.8	ug/L	102	10		80	121	20
	o-Xylene	20	19.9	ug/L	100	9		78	122	20
	Styrene	20	19.6	ug/L	98	9		78	123	20
	Bromoform	20	19.7	ug/L	99	10		66	130	20
	Isopropylbenzene	20	18.4	ug/L	92	4		72	131	20
	1,1,2,2-Tetrachloroethane	20	18.1	ug/L	91	7		71	121	20
	1,3-Dichlorobenzene	20	18.7	ug/L	94	7		80	119	20
	1,4-Dichlorobenzene	20	18.6	ug/L	93	7		79	118	20
	1,2-Dichlorobenzene	20	18.7	ug/L	94	8		80	119	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3324**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**Datafile :**	VX048122.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX1010WBSD01	1,2-Dibromo-3-Chloropropane	20	16.5	ug/L	83	17		62	128	20
	1,2,4-Trichlorobenzene	20	17.1	ug/L	86	6		69	130	20
	1,2,3-Trichlorobenzene	20	17.6	ug/L	88	8		69	129	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3324 **Analytical Method:** SW8260-Low

Client: Tetra Tech NUS, Inc. **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			32	152	
	Chloromethane	20	18.7	ug/L	94			50	139	
	Vinyl chloride	20	20.0	ug/L	100			58	137	
	Bromomethane	20	22.5	ug/L	113			53	141	
	Chloroethane	20	20.0	ug/L	100			60	138	
	Trichlorofluoromethane	20	20.1	ug/L	101			65	141	
	1,1,2-Trichlorotrifluoroethane	20	20.0	ug/L	100			70	136	
	1,1-Dichloroethene	20	19.4	ug/L	97			71	131	
	Acetone	100	79.7	ug/L	80			39	160	
	Carbon disulfide	20	21.6	ug/L	108			64	133	
	Methyl tert-butyl Ether	20	16.9	ug/L	85			71	124	
	Methyl Acetate	20	14.3	ug/L	72			56	136	
	Methylene Chloride	20	18.0	ug/L	90			74	124	
	trans-1,2-Dichloroethene	20	19.8	ug/L	99			75	124	
	1,1-Dichloroethane	20	18.7	ug/L	94			77	125	
	Cyclohexane	20	19.6	ug/L	98			71	130	
	2-Butanone	100	77.9	ug/L	78			56	143	
	Carbon Tetrachloride	20	20.0	ug/L	100			72	136	
	cis-1,2-Dichloroethene	20	18.7	ug/L	94			78	123	
	Bromochloromethane	20	18.1	ug/L	91			78	123	
	Chloroform	20	19.1	ug/L	96			79	124	
	1,1,1-Trichloroethane	20	19.5	ug/L	98			74	131	
	Methylcyclohexane	20	19.9	ug/L	100			72	132	
	Benzene	20	19.8	ug/L	99			79	120	
	1,2-Dichloroethane	20	19.1	ug/L	96			73	128	
	Trichloroethene	20	20.2	ug/L	101			79	123	
	1,2-Dichloropropane	20	19.5	ug/L	98			78	122	
	Bromodichloromethane	20	19.8	ug/L	99			79	125	
	4-Methyl-2-Pentanone	100	83.1	ug/L	83			67	130	
	Toluene	20	20.2	ug/L	101			80	121	
	t-1,3-Dichloropropene	20	18.6	ug/L	93			73	127	
	cis-1,3-Dichloropropene	20	19.4	ug/L	97			75	124	
	1,1,2-Trichloroethane	20	18.9	ug/L	95			80	119	
	2-Hexanone	100	81.2	ug/L	81			57	139	
	Dibromochloromethane	20	20.1	ug/L	101			74	126	
	1,2-Dibromoethane	20	19.7	ug/L	99			77	121	
	Tetrachloroethene	20	20.4	ug/L	102			74	129	
	Chlorobenzene	20	19.5	ug/L	98			82	118	
	Ethyl Benzene	20	19.2	ug/L	96			79	121	
	m/p-Xylenes	40	39.4	ug/L	99			80	121	
	o-Xylene	20	19.4	ug/L	97			78	122	
	Styrene	20	19.0	ug/L	95			78	123	
	Bromoform	20	19.6	ug/L	98			66	130	
	Isopropylbenzene	20	18.0	ug/L	90			72	131	
	1,1,2,2-Tetrachloroethane	20	16.9	ug/L	85			71	121	
	1,3-Dichlorobenzene	20	18.0	ug/L	90			80	119	
	1,4-Dichlorobenzene	20	17.8	ug/L	89			79	118	
	1,2-Dichlorobenzene	20	17.8	ug/L	89			80	119	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3324**	**Analytical Method:**	**SW8260-Low**
Client:	**Tetra Tech NUS, Inc.**	**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			62	128	
	1,2,4-Trichlorobenzene	20	16.4	ug/L	82			69	130	
	1,2,3-Trichlorobenzene	20	16.4	ug/L	82			69	129	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1010WBL01

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q3324

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
BP-VPB-184-TB-20251006	Q3324-02	VX048105.D	10/10/2025
BP-VPB-184-GW-760-762	Q3324-04	VX048107.D	10/10/2025
BP-VPB-184-GW-840-842	Q3324-06	VX048109.D	10/10/2025
BP-VPB-184-GW-820-822	Q3324-09	VX048111.D	10/10/2025
BP-VPB-184-GW-860-862	Q3324-07	VX048112.D	10/10/2025
VX1010WBSD01	VX1010WBSD01	VX048122.D	10/10/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX1013WBL01

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

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
BP-VPB-184-EB-20251009	Q3324-03	VX048130.D	10/13/2025
BP-VPB-184-GW-780-782	Q3324-05	VX048132.D	10/13/2025
BP-VPB-184-DUP-20251009	Q3324-08	VX048133.D	10/13/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG NO.: Q3324
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: TETR06
Lab Code: ACE
SDG NO.: Q3324
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
BP-VPB-184-TB-20251006	Q3324-02	VX048105.D	10/10/2025	12:50
BP-VPB-184-GW-760-762	Q3324-04	VX048107.D	10/10/2025	13:31
BP-VPB-184-GW-840-842	Q3324-06	VX048109.D	10/10/2025	14:12
BP-VPB-184-GW-820-822	Q3324-09	VX048111.D	10/10/2025	14:53
BP-VPB-184-GW-860-862	Q3324-07	VX048112.D	10/10/2025	15:13
VX1010WBSD01	VX1010WBSD01	VX048122.D	10/10/2025	18:59
VSTDCCC050EC	VSTDCCC050	VX048124.D	10/10/2025	19:40

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG NO.: Q3324
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
BP-VPB-184-EB-20251009	Q3324-03	VX048130.D	10/13/2025	11:03
BP-VPB-184-GW-780-782	Q3324-05	VX048132.D	10/13/2025	11:44
BP-VPB-184-DUP-20251009	Q3324-08	VX048133.D	10/13/2025	12:05
VSTDCCC050EC	VSTDCCC050	VX048151.D	10/13/2025	18:15

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

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.						
BP-VPB-184-TB-20251006	114051	5.54	233030	6.75	242170	10.04
BP-VPB-184-GW-760-762	118203	5.54	242254	6.75	251104	10.04
BP-VPB-184-GW-840-842	120601	5.54	248505	6.75	261947	10.04
BP-VPB-184-GW-860-862	118979	5.54	249066	6.75	261922	10.04
BP-VPB-184-GW-820-822	107357	5.54	223217	6.75	233516	10.04
VX1010WBL01	163530	5.54	330351	6.75	333490	10.04
VX1010WBS01	134840	5.53	228857	6.74	211483	10.04
VX1010WBSD01	122969	5.54	213051	6.75	198272	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: TETR06

Lab Code: ACE SDG NO.: Q3324

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.						
BP-VPB-184-TB-20251006	121909	12.01				
BP-VPB-184-GW-760-762	126721	12.01				
BP-VPB-184-GW-840-842	136698	12.01				
BP-VPB-184-GW-860-862	131287	12.01				
BP-VPB-184-GW-820-822	113061	12.01				
VX1010WBL01	161186	12.01				
VX1010WBS01	106925	12.01				
VX1010WBSD01	102458	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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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q3324

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.						
BP-VPB-184-EB-20251009	150033	5.54	306612	6.75	313607	10.04
BP-VPB-184-GW-780-782	145285	5.54	293131	6.75	303093	10.04
BP-VPB-184-DUP-20251009	134129	5.54	276039	6.75	289836	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: TETR06

Lab Code: ACE SDG NO.: Q3324

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.						
BP-VPB-184-EB-20251009	159311	12.01				
BP-VPB-184-GW-780-782	152502	12.01				
BP-VPB-184-DUP-20251009	147242	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.

SAMPLE DATA

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

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-TB-20251006	SDG No.:	Q3324
Lab Sample ID:	Q3324-02	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 12:50	VX101025
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/10/25 12:50	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 12:50	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 12:50	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 12:50	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 12:50	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 12:50	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 12:50	VX101025
67-64-1	Acetone	3.80	U	1	1.50	3.80	5.00	ug/L	10/10/25 12:50	VX101025
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/10/25 12:50	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 12:50	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 12:50	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 12:50	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 12:50	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 12:50	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 12:50	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 12:50	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 12:50	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 12:50	VX101025
74-97-5	Bromochloromethane	0.50	UQ	1	0.22	0.50	1.00	ug/L	10/10/25 12:50	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 12:50	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 12:50	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 12:50	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 12:50	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 12:50	VX101025
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/10/25 12:50	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 12:50	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 12:50	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 12:50	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 12:50	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 12:50	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 12:50	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 12:50	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 12:50	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 12:50	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 12:50	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 12:50	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 12:50	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 12:50	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 12:50	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 12:50	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 12:50	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 12:50	VX101025

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-TB-20251006	SDG No.:	Q3324
Lab Sample ID:	Q3324-02	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 12:50	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 12:50	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 12:50	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 12:50	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 12:50	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 12:50	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 12:50	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 12:50	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	49.3			81 - 118		99%	SPK: 50		
1868-53-7	Dibromofluoromethane	46.9			80 - 119		94%	SPK: 50		
2037-26-5	Toluene-d8	46.8			89 - 112		94%	SPK: 50		
460-00-4	4-Bromofluorobenzene	53.6			85 - 114		107%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	114000								
540-36-3	1,4-Difluorobenzene	233000								
3114-55-4	Chlorobenzene-d5	242000								
3855-82-1	1,4-Dichlorobenzene-d4	122000								
TENTATIVE IDENTIFIED COMPOUNDS										
75-43-4	Dichlorofluoromethane	N.D								

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 : VX048105.D
Acq On : 10 Oct 2025 12:50
Operator : JC/MD
Sample : Q3324-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251006

Quant Time: Oct 10 23:46:48 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

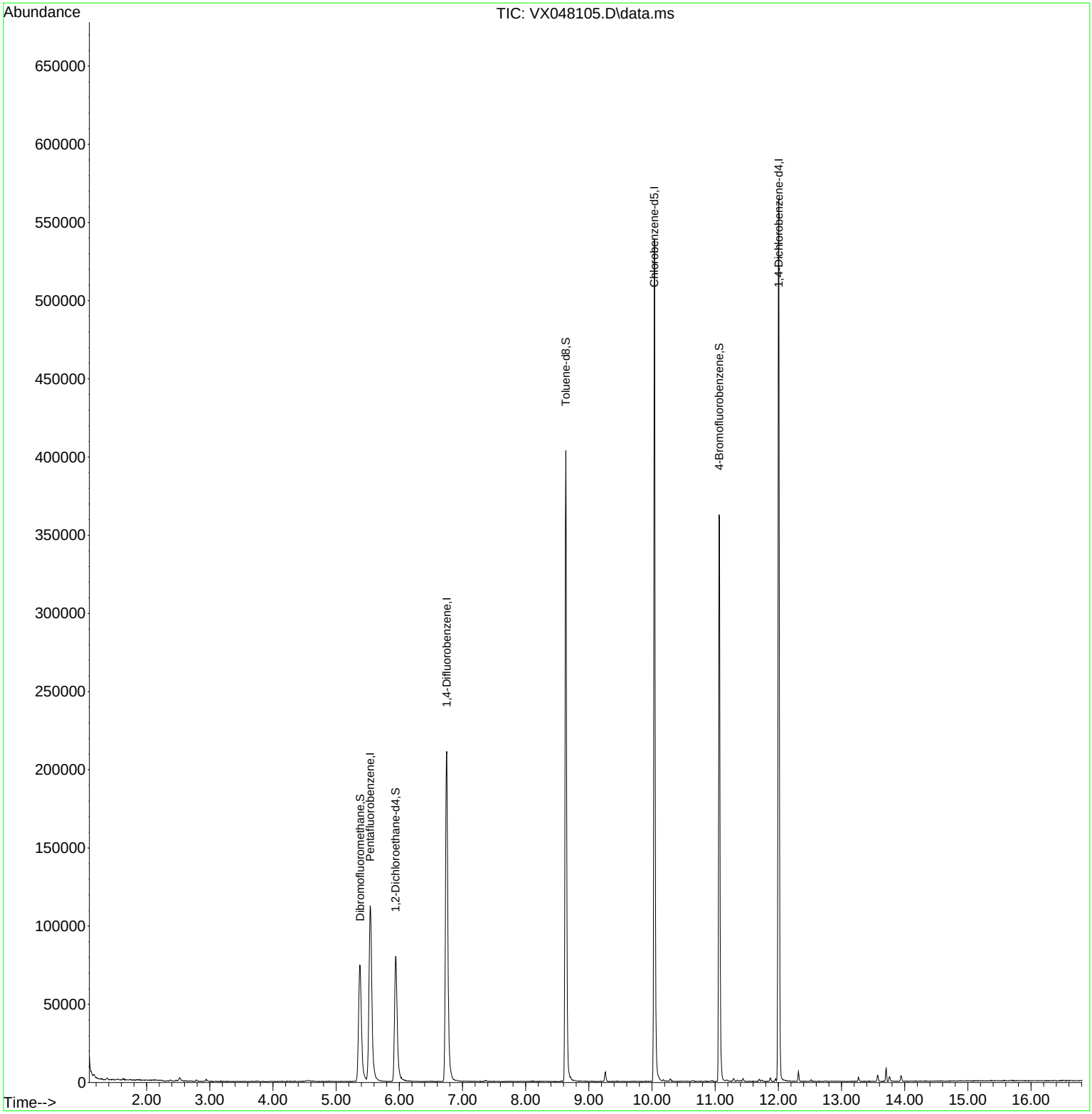
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	114051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	233030	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	242170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	121909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	89474	49.286	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.580%			
35) Dibromofluoromethane	5.379	113	73304	46.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.800%			
50) Toluene-d8	8.635	98	253162	46.815	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.640%			
62) 4-Bromofluorobenzene	11.061	95	109956	53.577	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.160%			
Target Compounds						Qvalue

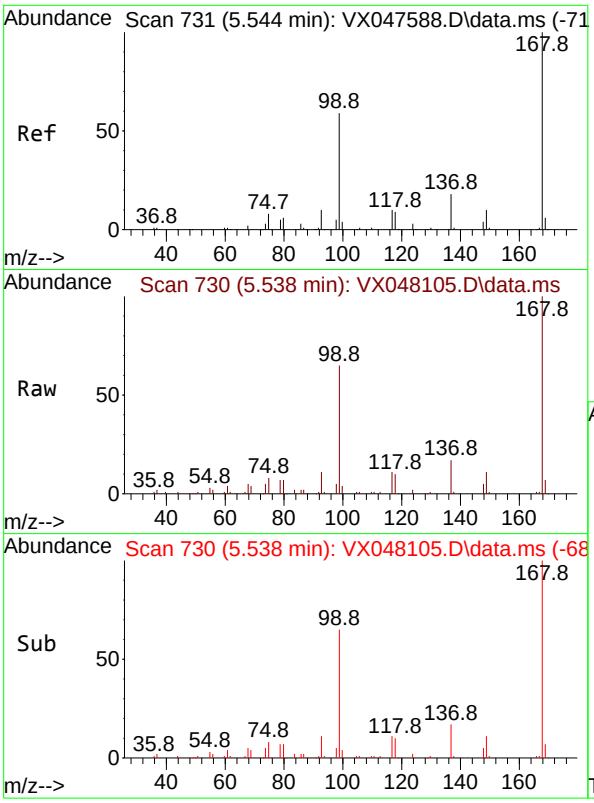
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048105.D
Acq On : 10 Oct 2025 12:50
Operator : JC/MD
Sample : Q3324-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251006

Quant Time: Oct 10 23:46:48 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



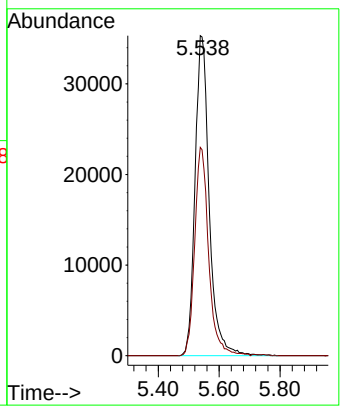


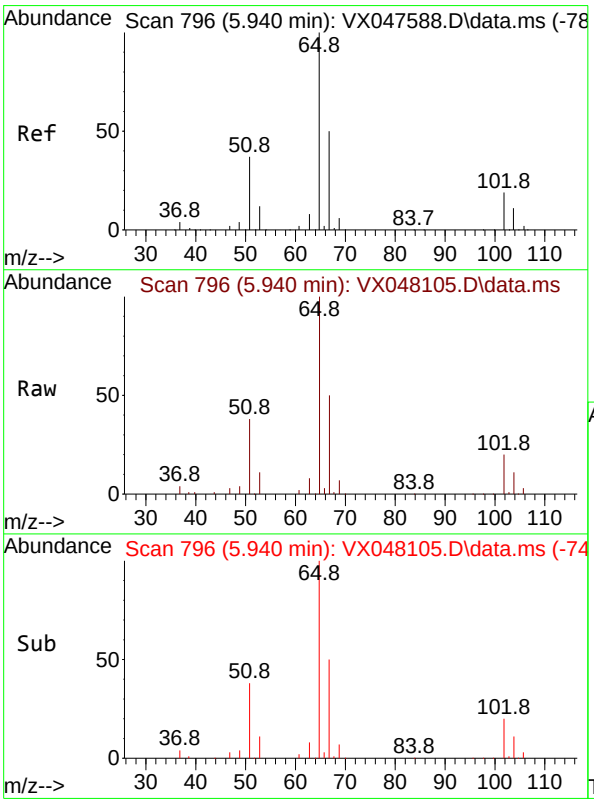
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048105.D
Acq: 10 Oct 2025 12:50

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251006

Tgt Ion:168 Resp: 114051

Ion	Ratio	Lower	Upper
168	100		
99	65.1	48.8	73.2

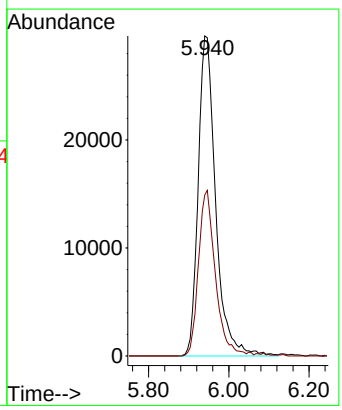


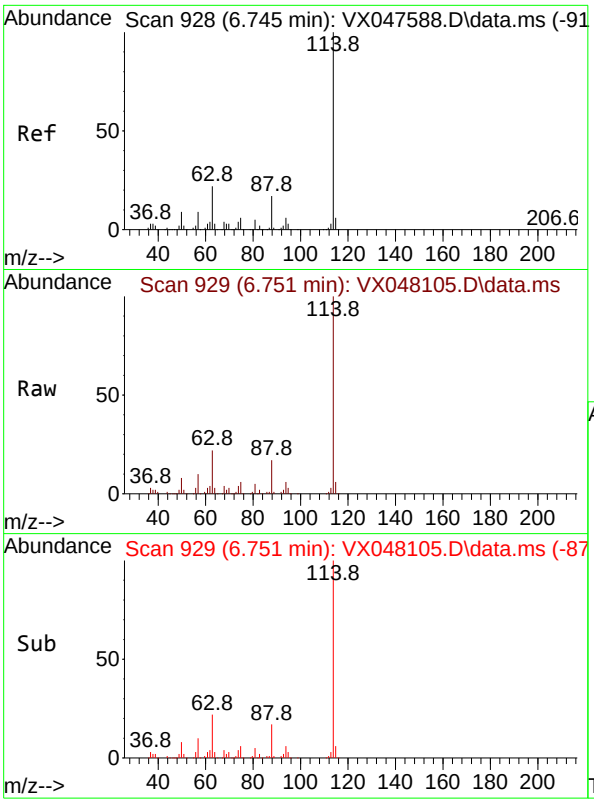


#33
1,2-Dichloroethane-d4
Concen: 49.286 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048105.D
Acq: 10 Oct 2025 12:50

Tgt Ion: 65 Resp: 89474

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.0



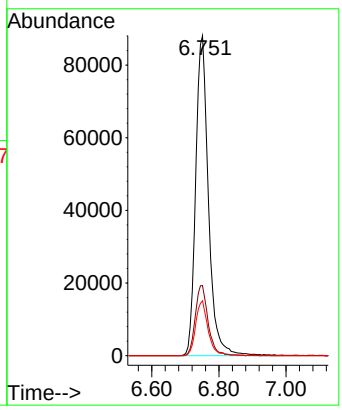


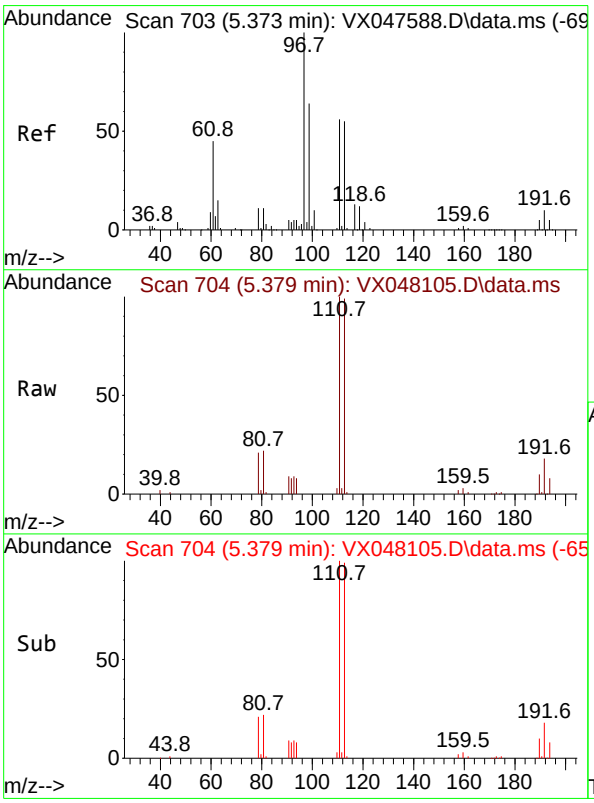
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048105.D
Acq: 10 Oct 2025 12:50

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251006

Tgt Ion:114 Resp: 233030

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	17.1	0.0	34.2

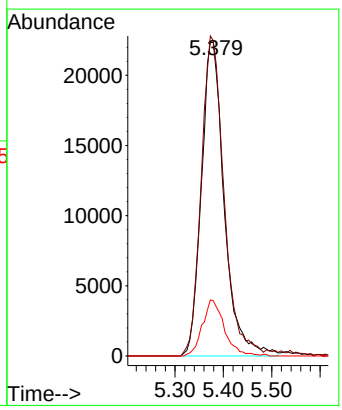


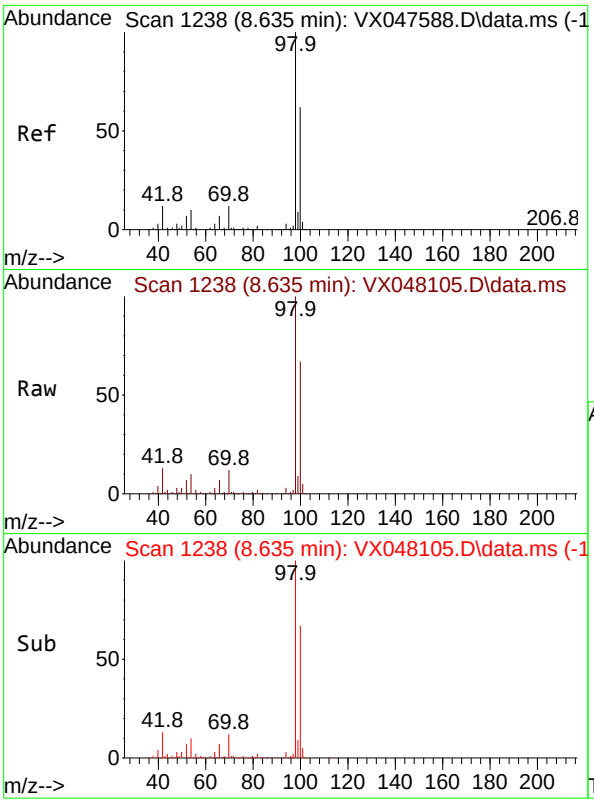


#35
Dibromofluoromethane
Concen: 46.905 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048105.D
Acq: 10 Oct 2025 12:50

Tgt Ion:113 Resp: 73304

Ion	Ratio	Lower	Upper
113	100		
111	101.9	80.9	121.3
192	17.2	14.2	21.4



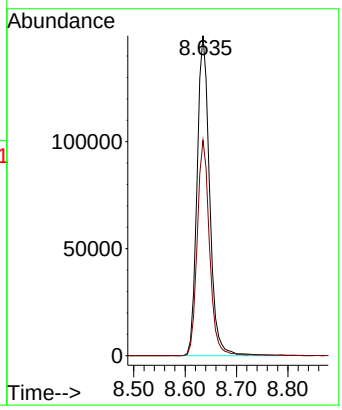


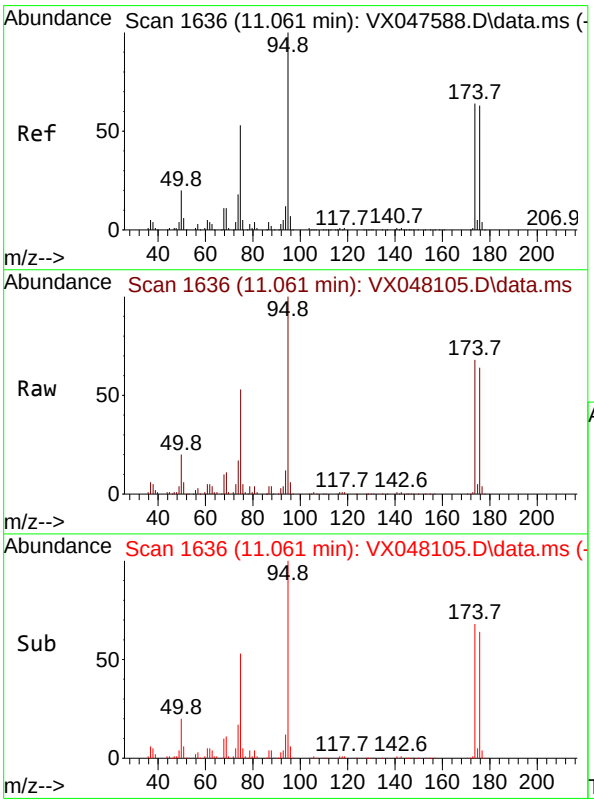
#50
Toluene-d8
Concen: 46.815 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048105.D
Acq: 10 Oct 2025 12:50

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251006

Tgt Ion: 98 Resp: 253162

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4

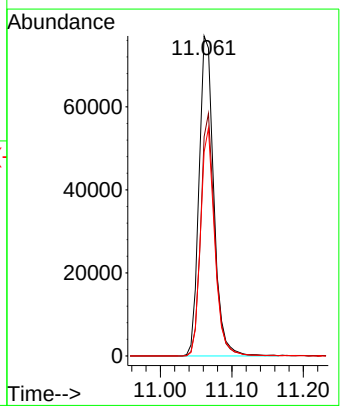


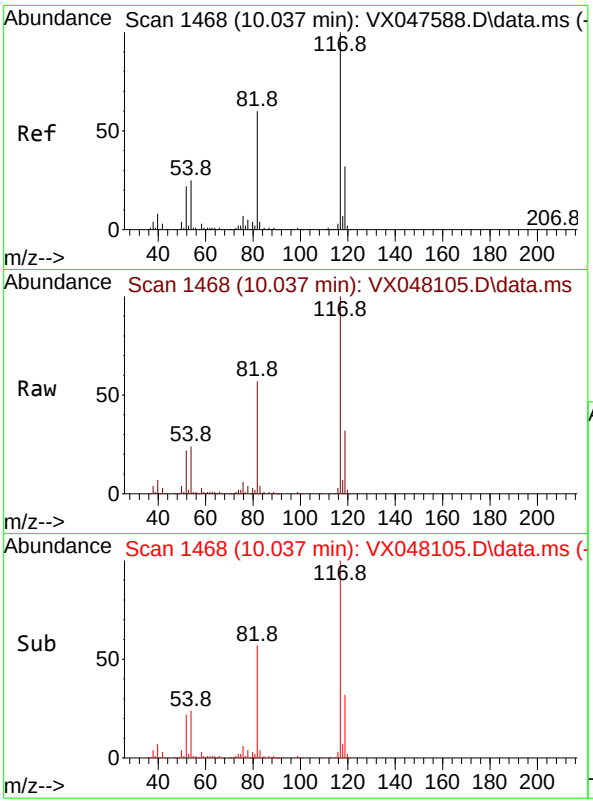


#62
4-Bromofluorobenzene
Concen: 53.577 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048105.D
Acq: 10 Oct 2025 12:50

Tgt Ion: 95 Resp: 109956

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	141.6
176	68.6	0.0	138.4



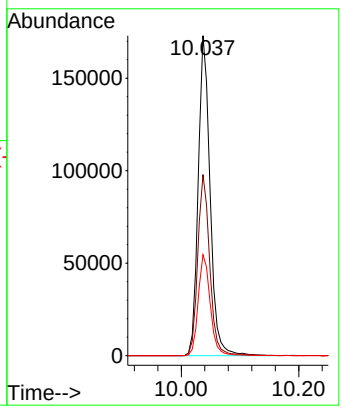


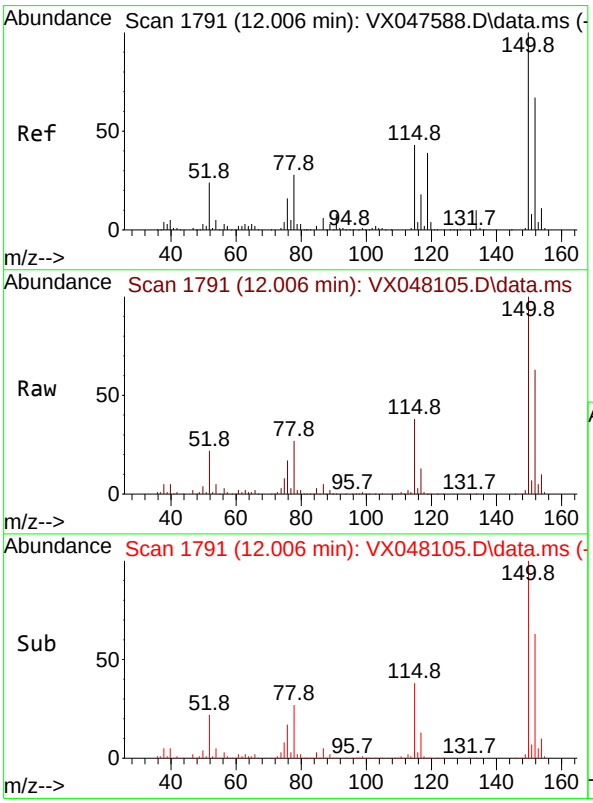
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048105.D
Acq: 10 Oct 2025 12:50

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251006

Tgt Ion:117 Resp: 242170

Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.8	71.6
119	31.6	25.2	37.8

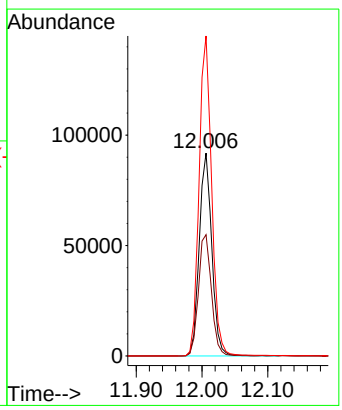




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048105.D
Acq: 10 Oct 2025 12:50

Tgt Ion:152 Resp: 121909

Ion	Ratio	Lower	Upper
152	100		
115	61.7	44.9	134.5
150	157.7	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048105.D
Acq On : 10 Oct 2025 12:50
Operator : JC/MD
Sample : Q3324-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251006

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: VX048105.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	690	703	720	rBV2	74439	240767	31.36%	5.807%
2	5.538	720	730	754	rVB	112089	355366	46.28%	8.571%
3	5.946	787	797	810	rBV	79965	235291	30.64%	5.675%
4	6.751	919	929	946	rBV	211068	559040	72.81%	13.484%
5	8.635	1230	1238	1258	rBV	403582	685677	89.30%	16.539%
6	9.263	1335	1341	1346	rBV3	6014	9121	1.19%	0.220%
7	10.037	1462	1468	1483	rBV	538289	761278	99.15%	18.362%
8	11.061	1631	1636	1651	rBV	362356	521775	67.96%	12.585%
9	12.006	1785	1791	1804	rBV	564055	767799	100.00%	18.519%
10	13.707	2066	2070	2074	rVB3	8343	9804	1.28%	0.236%

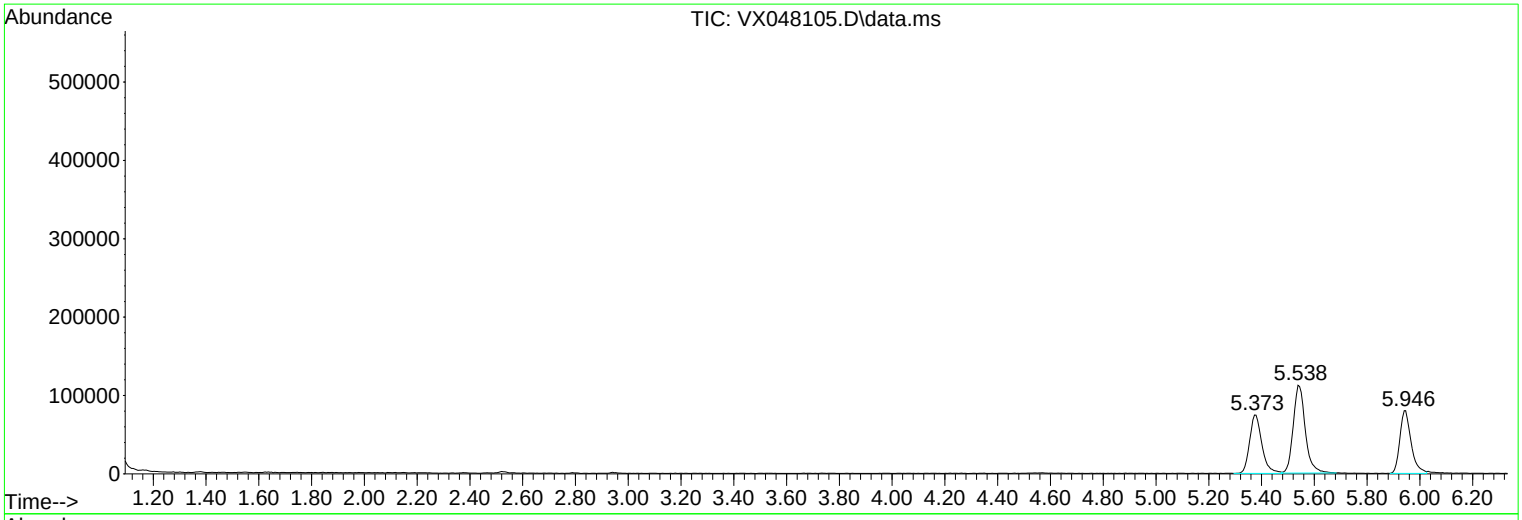
Sum of corrected areas: 4145918

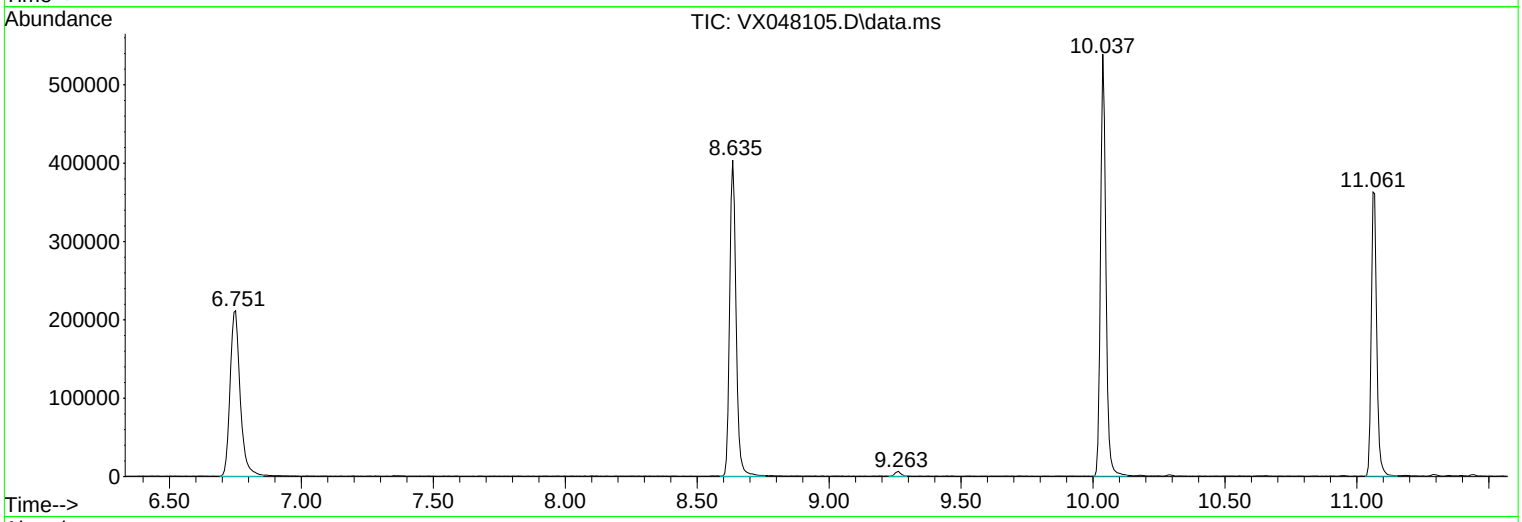
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048105.D
Acq On : 10 Oct 2025 12:50
Operator : JC/MD
Sample : Q3324-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

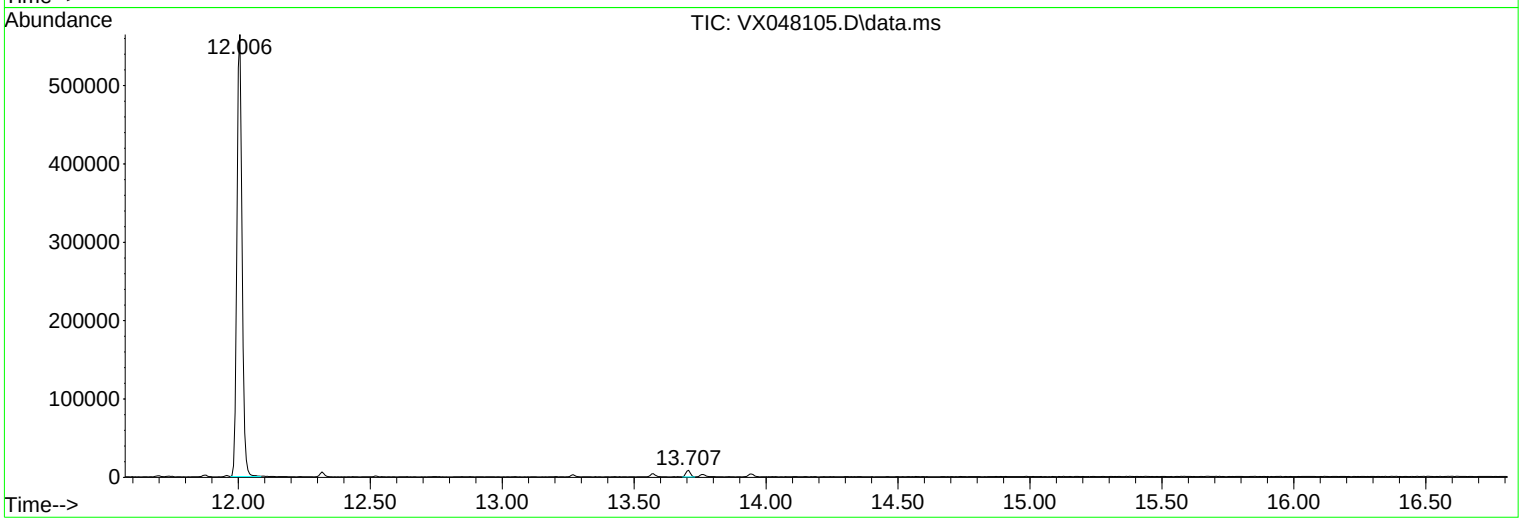
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251006

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 : VX048105.D
Acq On : 10 Oct 2025 12:50
Operator : JC/MD
Sample : Q3324-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251006

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 : VX048105.D
Acq On : 10 Oct 2025 12:50
Operator : JC/MD
Sample : Q3324-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20251006

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:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-EB-20251009	SDG No.:	Q3324
Lab Sample ID:	Q3324-03	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:03	VX101325
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/13/25 11:03	VX101325
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/13/25 11:03	VX101325
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/13/25 11:03	VX101325
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/13/25 11:03	VX101325
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/13/25 11:03	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:03	VX101325
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/13/25 11:03	VX101325
67-64-1	Acetone	5.10		1	1.50	3.80	5.00	ug/L	10/13/25 11:03	VX101325
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/13/25 11:03	VX101325
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:03	VX101325
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/13/25 11:03	VX101325
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/13/25 11:03	VX101325
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:03	VX101325
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:03	VX101325
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/13/25 11:03	VX101325
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/13/25 11:03	VX101325
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:03	VX101325
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/13/25 11:03	VX101325
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:03	VX101325
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:03	VX101325
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:03	VX101325
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:03	VX101325
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:03	VX101325
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:03	VX101325
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/13/25 11:03	VX101325
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:03	VX101325
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:03	VX101325
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/13/25 11:03	VX101325
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/13/25 11:03	VX101325
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/13/25 11:03	VX101325
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:03	VX101325
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/13/25 11:03	VX101325
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/13/25 11:03	VX101325
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/13/25 11:03	VX101325
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:03	VX101325
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:03	VX101325
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:03	VX101325
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/13/25 11:03	VX101325
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/13/25 11:03	VX101325
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:03	VX101325
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:03	VX101325
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 11:03	VX101325

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-EB-20251009	SDG No.:	Q3324
Lab Sample ID:	Q3324-03	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:03	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/13/25 11:03	VX101325
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:03	VX101325
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 11:03	VX101325
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:03	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/13/25 11:03	VX101325
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:03	VX101325
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/13/25 11:03	VX101325
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.4			81 - 118		101%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.3			80 - 119		97%	SPK: 50		
2037-26-5	Toluene-d8	48.0			89 - 112		96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.8			85 - 114		110%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	150000								
540-36-3	1,4-Difluorobenzene	307000								
3114-55-4	Chlorobenzene-d5	314000								
3855-82-1	1,4-Dichlorobenzene-d4	159000								
TENTATIVE IDENTIFIED COMPOUNDS										
75-43-4	Dichlorofluoromethane	N.D								

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 : VX048130.D
Acq On : 13 Oct 2025 11:03
Operator : JC/MD
Sample : Q3324-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

Quant Time: Oct 14 01:51:09 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	150033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	306612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	313607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	159311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	120457	50.440	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.880%			
35) Dibromofluoromethane	5.379	113	99420	48.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.700%			
50) Toluene-d8	8.634	98	341571	48.006	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.020%			
62) 4-Bromofluorobenzene	11.061	95	148105	54.846	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.700%			
Target Compounds						Qvalue
16) Acetone	2.379	43	5251	5.057	ug/l	99

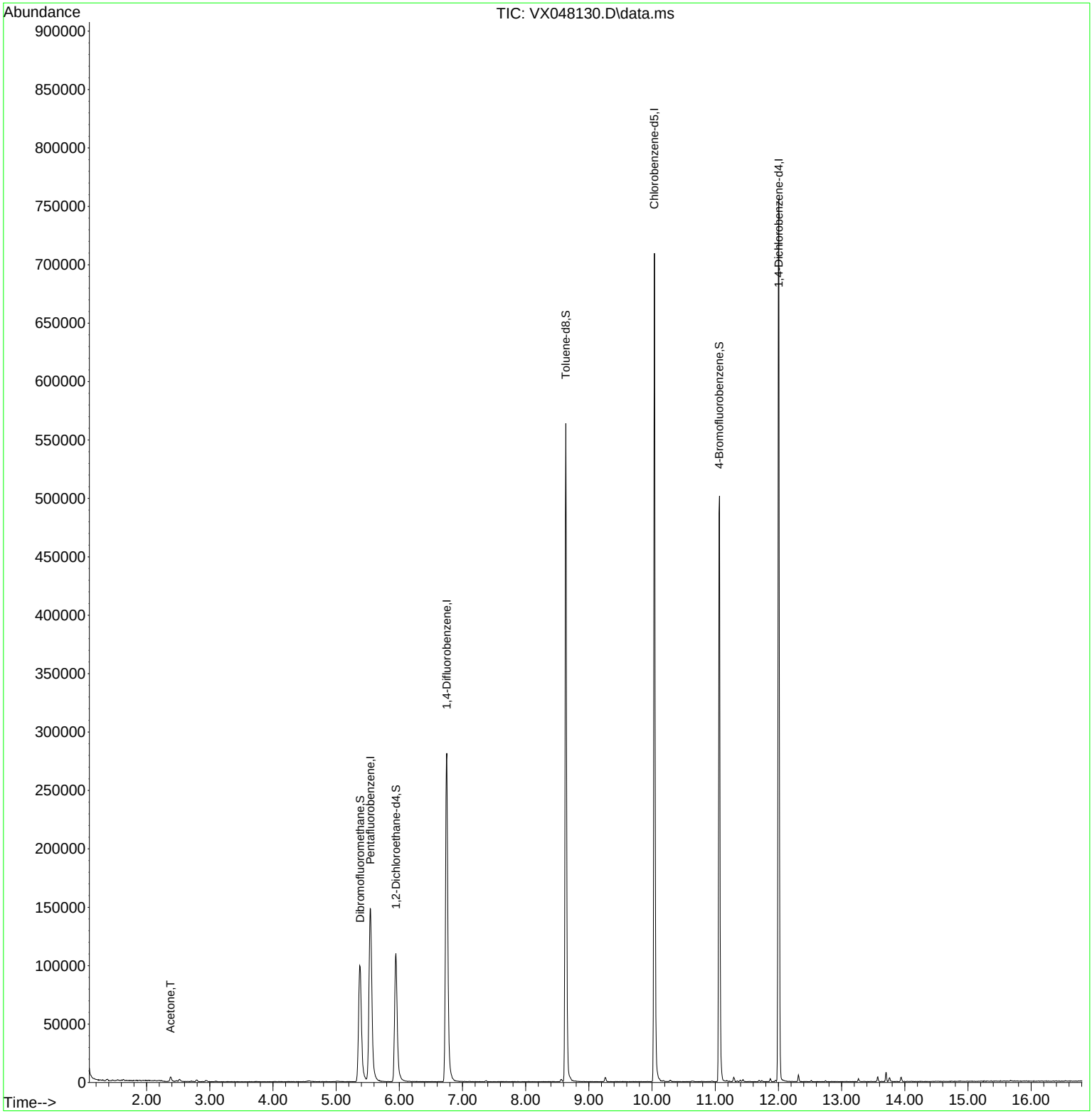
(#) = qualifier out of range (m) = manual integration (+) = signals summed

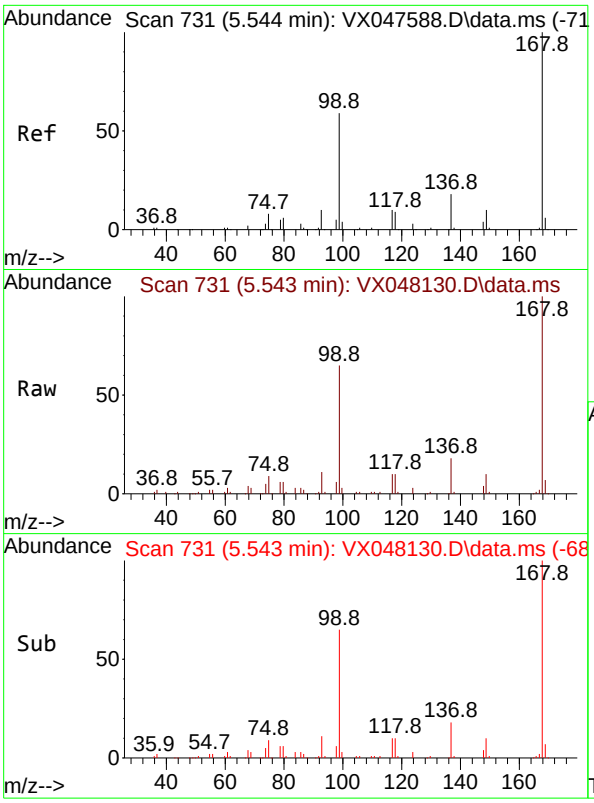
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048130.D
Acq On : 13 Oct 2025 11:03
Operator : JC/MD
Sample : Q3324-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

Quant Time: Oct 14 01:51:09 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



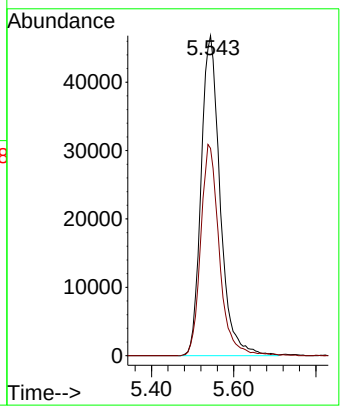


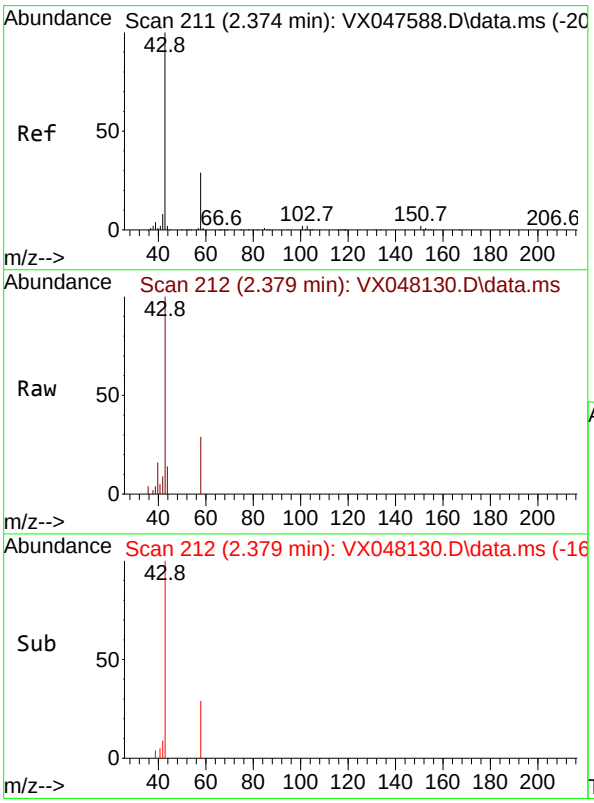
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

Tgt Ion:168 Resp: 150033

Ion	Ratio	Lower	Upper
168	100		
99	64.8	48.8	73.2

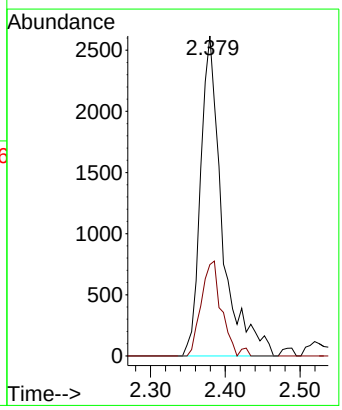


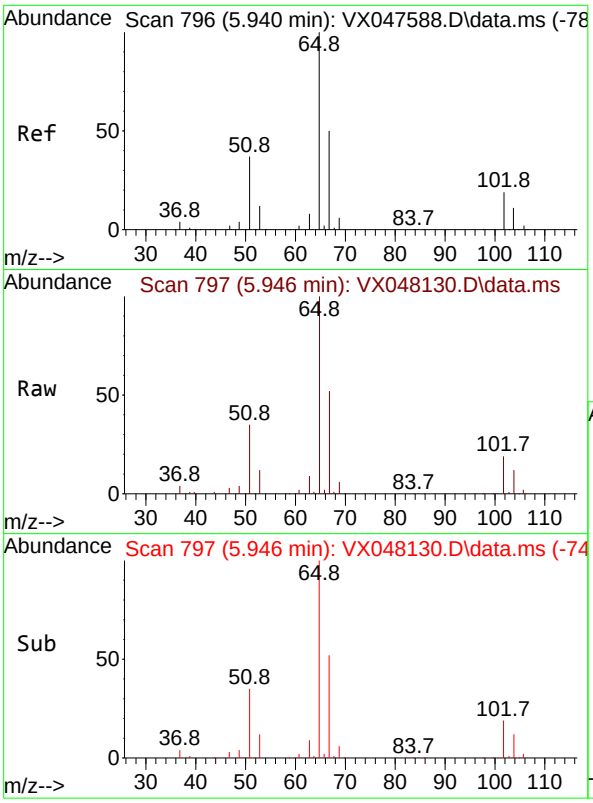


#16
Acetone
Concen: 5.057 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Tgt Ion: 43 Resp: 5251

Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.4	35.0



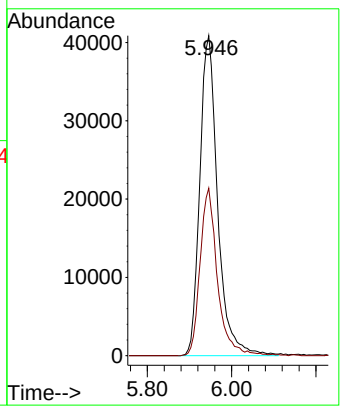


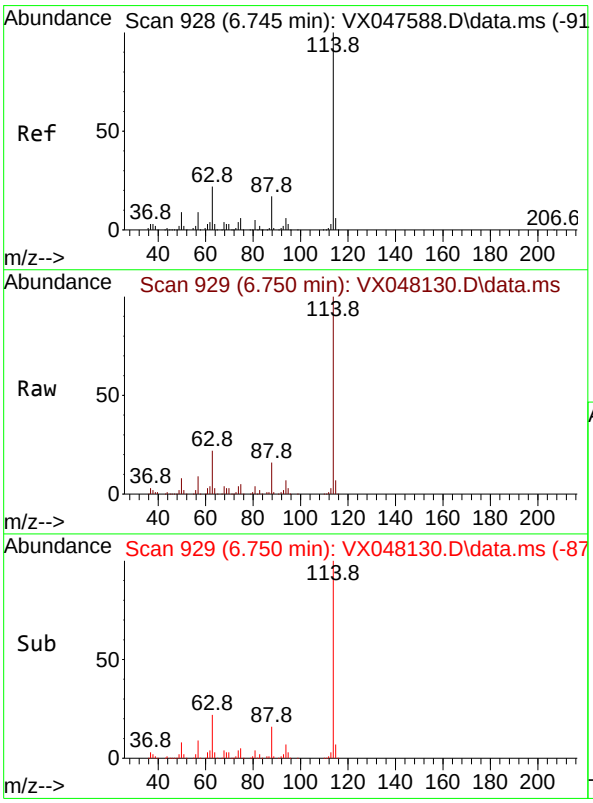
#33
1,2-Dichloroethane-d4
Concen: 50.440 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

Tgt Ion: 65 Resp: 120457

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0

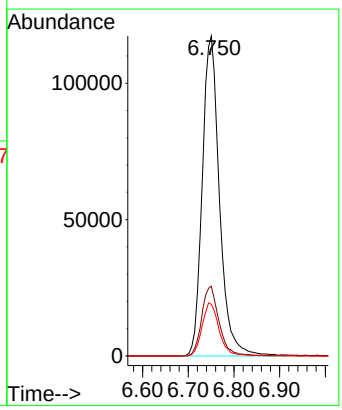


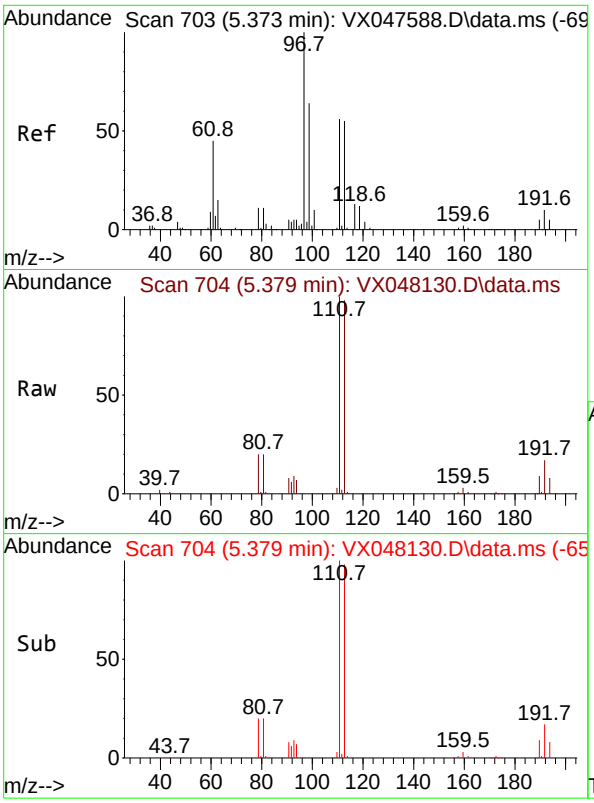


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Tgt Ion:114 Resp: 306612

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	16.2	0.0	34.2



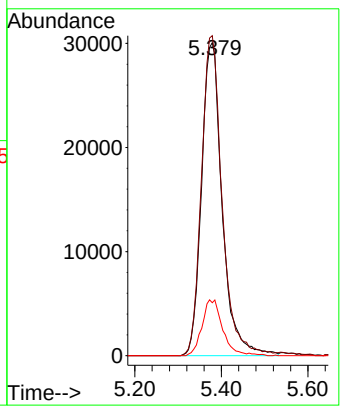


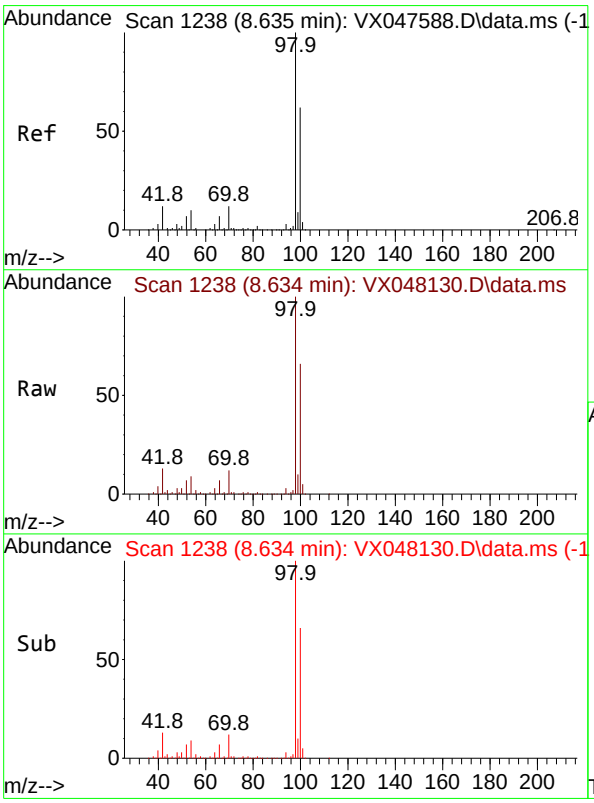
#35
Dibromofluoromethane
Concen: 48.349 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

Tgt Ion:113 Resp: 99420

Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.9	121.3
192	18.0	14.2	21.4

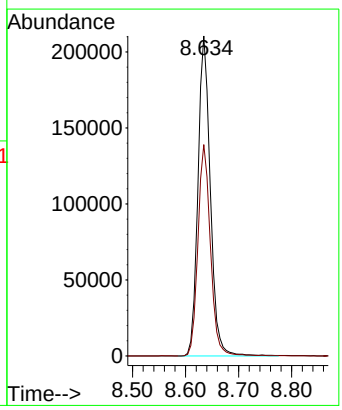


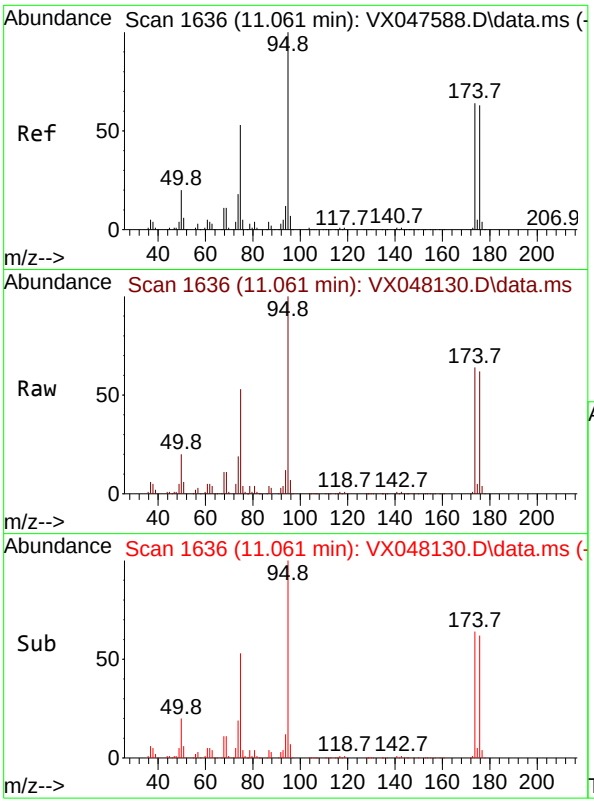


#50
Toluene-d8
Concen: 48.006 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Tgt Ion: 98 Resp: 341571

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4



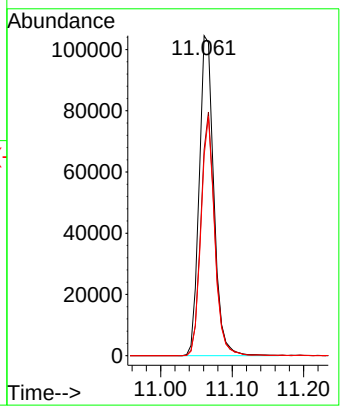


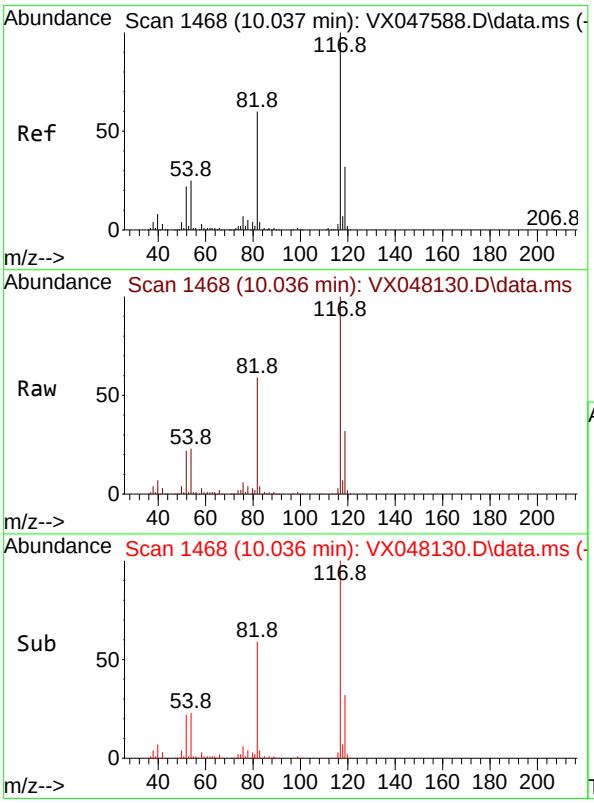
#62
4-Bromofluorobenzene
Concen: 54.846 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

Tgt Ion: 95 Resp: 148105

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	141.6
176	70.2	0.0	138.4

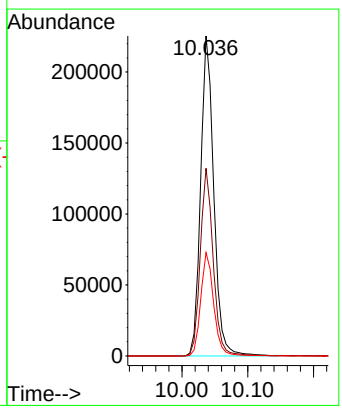


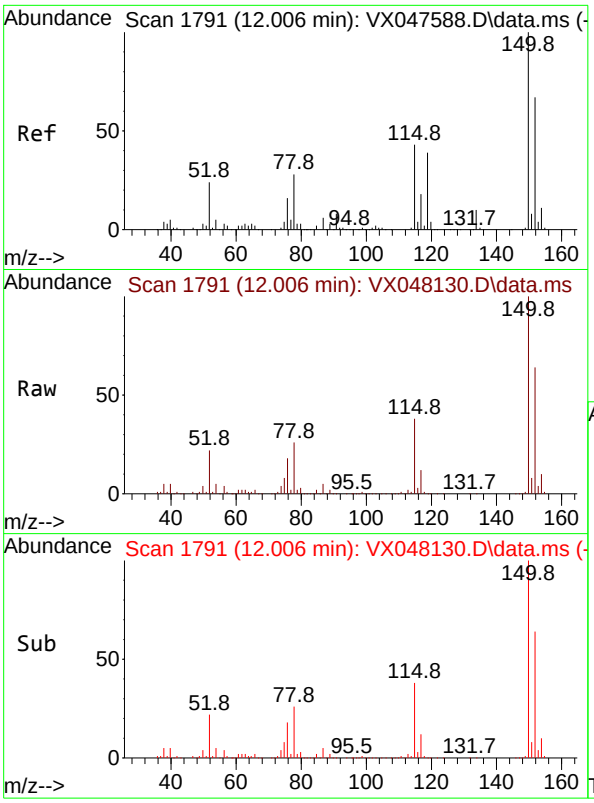


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Tgt Ion:117 Resp: 313607

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.8	71.6
119	32.3	25.2	37.8



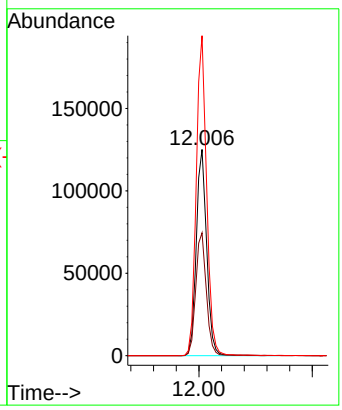


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

Tgt Ion:152 Resp: 159311

Ion	Ratio	Lower	Upper
152	100		
115	60.8	44.9	134.5
150	154.9	0.0	352.0



LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048130.D
Acq On : 13 Oct 2025 11:03
Operator : JC/MD
Sample : Q3324-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

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: VX048130.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	692	703	720	rBV	99420	325073	32.78%	5.945%
2	5.537	720	730	752	rVB	147523	468480	47.24%	8.567%
3	5.946	786	797	823	rBV	109764	323618	32.63%	5.918%
4	6.750	919	929	953	rBV	281109	736925	74.31%	13.476%
5	8.634	1231	1238	1254	rBV	563418	923208	93.09%	16.883%
6	10.036	1462	1468	1486	rBV	708995	988464	99.67%	18.076%
7	11.067	1631	1637	1653	rBV	501236	710847	71.68%	12.999%
8	12.006	1785	1791	1801	rBV	755459	991705	100.00%	18.135%

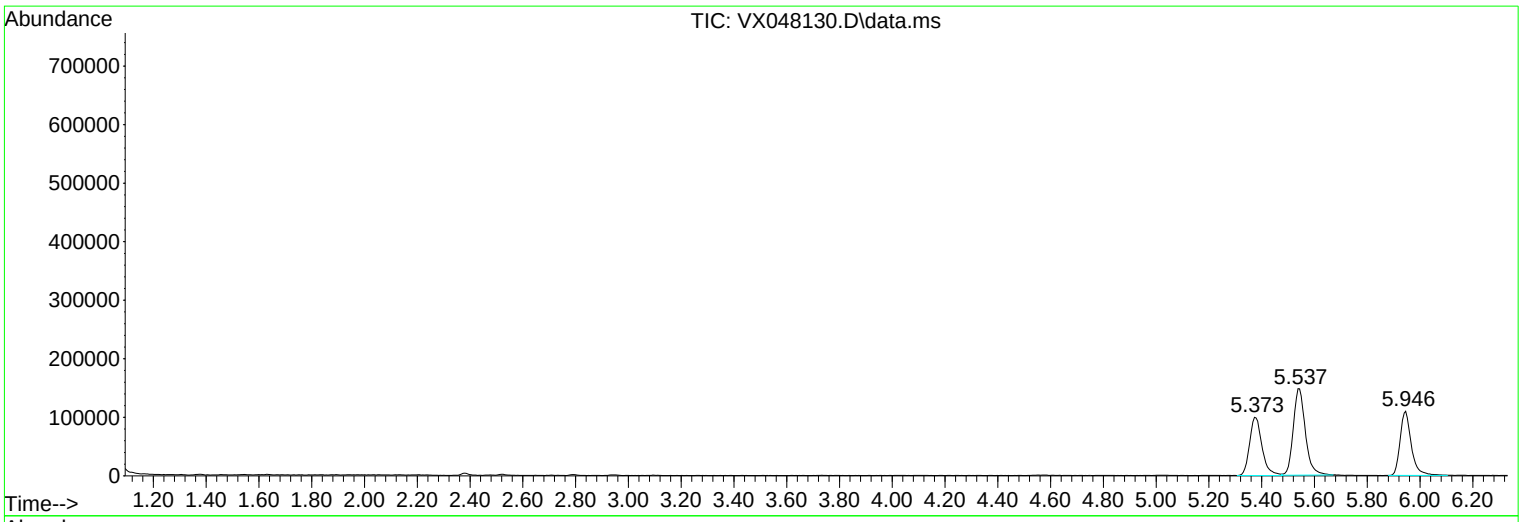
Sum of corrected areas: 5468320

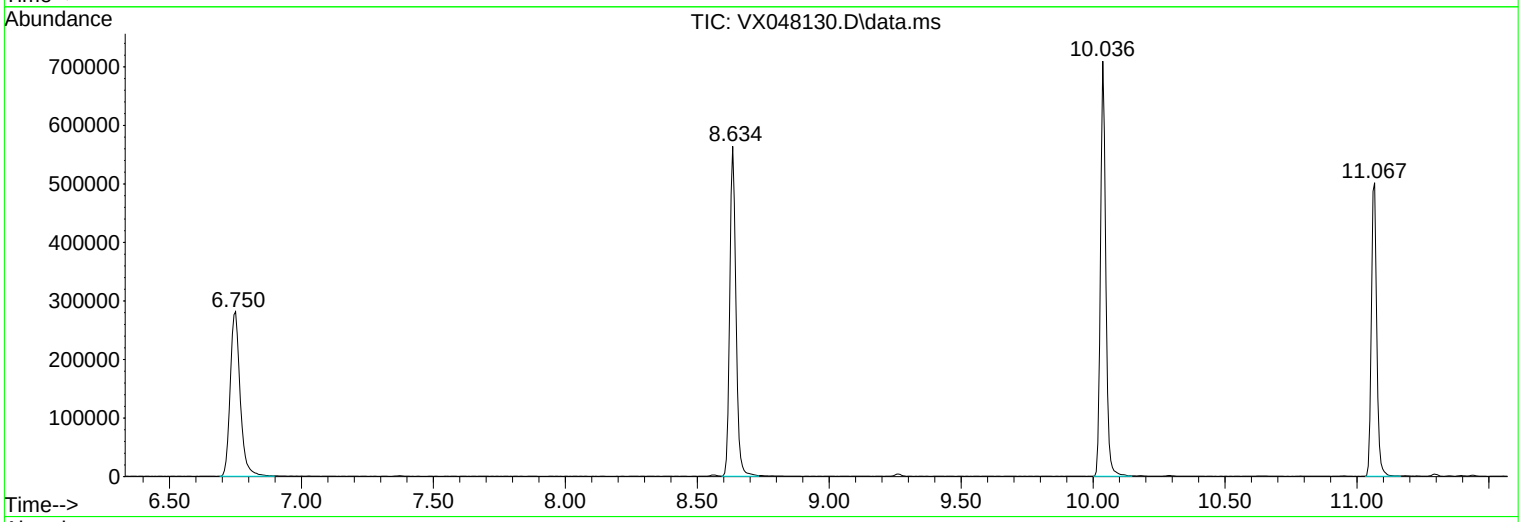
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048130.D
Acq On : 13 Oct 2025 11:03
Operator : JC/MD
Sample : Q3324-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

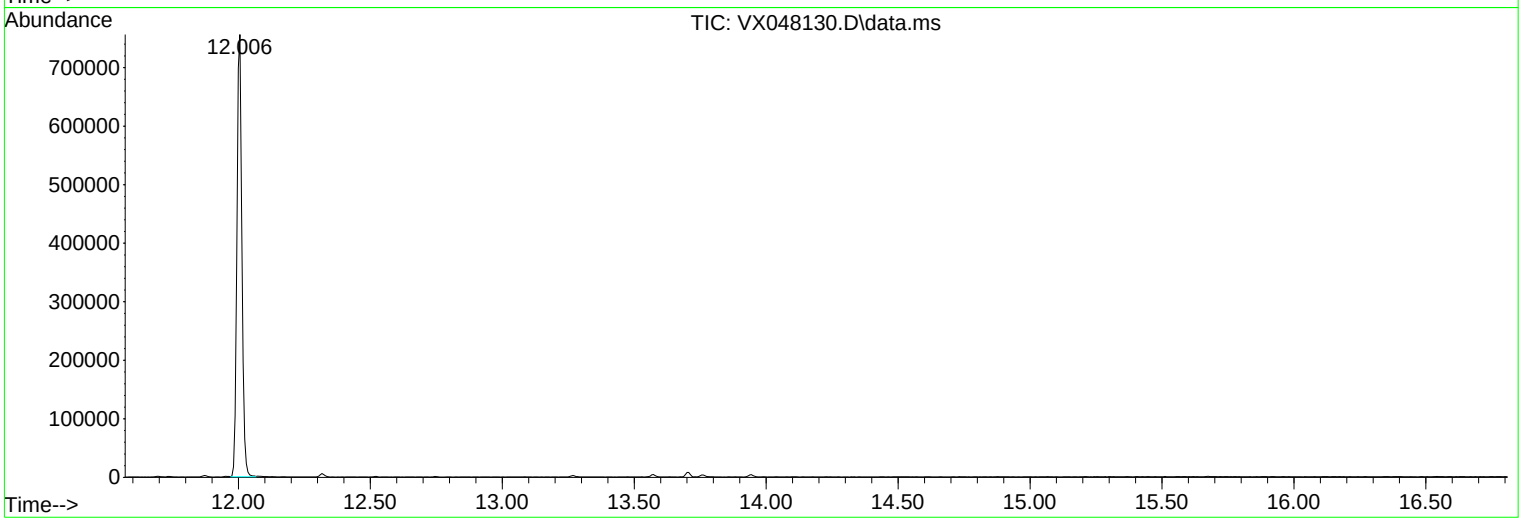
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

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







Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048130.D
Acq On : 13 Oct 2025 11:03
Operator : JC/MD
Sample : Q3324-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

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 : VX048130.D
Acq On : 13 Oct 2025 11:03
Operator : JC/MD
Sample : Q3324-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

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:	Tetra Tech NUS, Inc.	Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-760-762	SDG No.:	Q3324
Lab Sample ID:	Q3324-04	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 13:31	VX101025
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/10/25 13:31	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 13:31	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 13:31	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 13:31	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 13:31	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 13:31	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 13:31	VX101025
67-64-1	Acetone	5.60		1	1.50	3.80	5.00	ug/L	10/10/25 13:31	VX101025
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/10/25 13:31	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 13:31	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 13:31	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 13:31	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 13:31	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 13:31	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 13:31	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 13:31	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 13:31	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 13:31	VX101025
74-97-5	Bromochloromethane	0.50	UQ	1	0.22	0.50	1.00	ug/L	10/10/25 13:31	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 13:31	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 13:31	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 13:31	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 13:31	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 13:31	VX101025
79-01-6	Trichloroethene	0.37	J	1	0.090	0.75	1.00	ug/L	10/10/25 13:31	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 13:31	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 13:31	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 13:31	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 13:31	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 13:31	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 13:31	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 13:31	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 13:31	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 13:31	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 13:31	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 13:31	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 13:31	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 13:31	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 13:31	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 13:31	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 13:31	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 13:31	VX101025

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/06/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-760-762	SDG No.:	Q3324
Lab Sample ID:	Q3324-04	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 13:31	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 13:31	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 13:31	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 13:31	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 13:31	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 13:31	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 13:31	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 13:31	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	52.7			81 - 118		105%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.0			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	48.8			89 - 112		98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.3			85 - 114		111%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	118000								
540-36-3	1,4-Difluorobenzene	242000								
3114-55-4	Chlorobenzene-d5	251000								
3855-82-1	1,4-Dichlorobenzene-d4	127000								
TENTATIVE IDENTIFIED COMPOUNDS										
75-43-4	Dichlorofluoromethane	N.D								

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 : VX048107.D
Acq On : 10 Oct 2025 13:31
Operator : JC/MD
Sample : Q3324-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

Quant Time: Oct 10 23:47:41 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

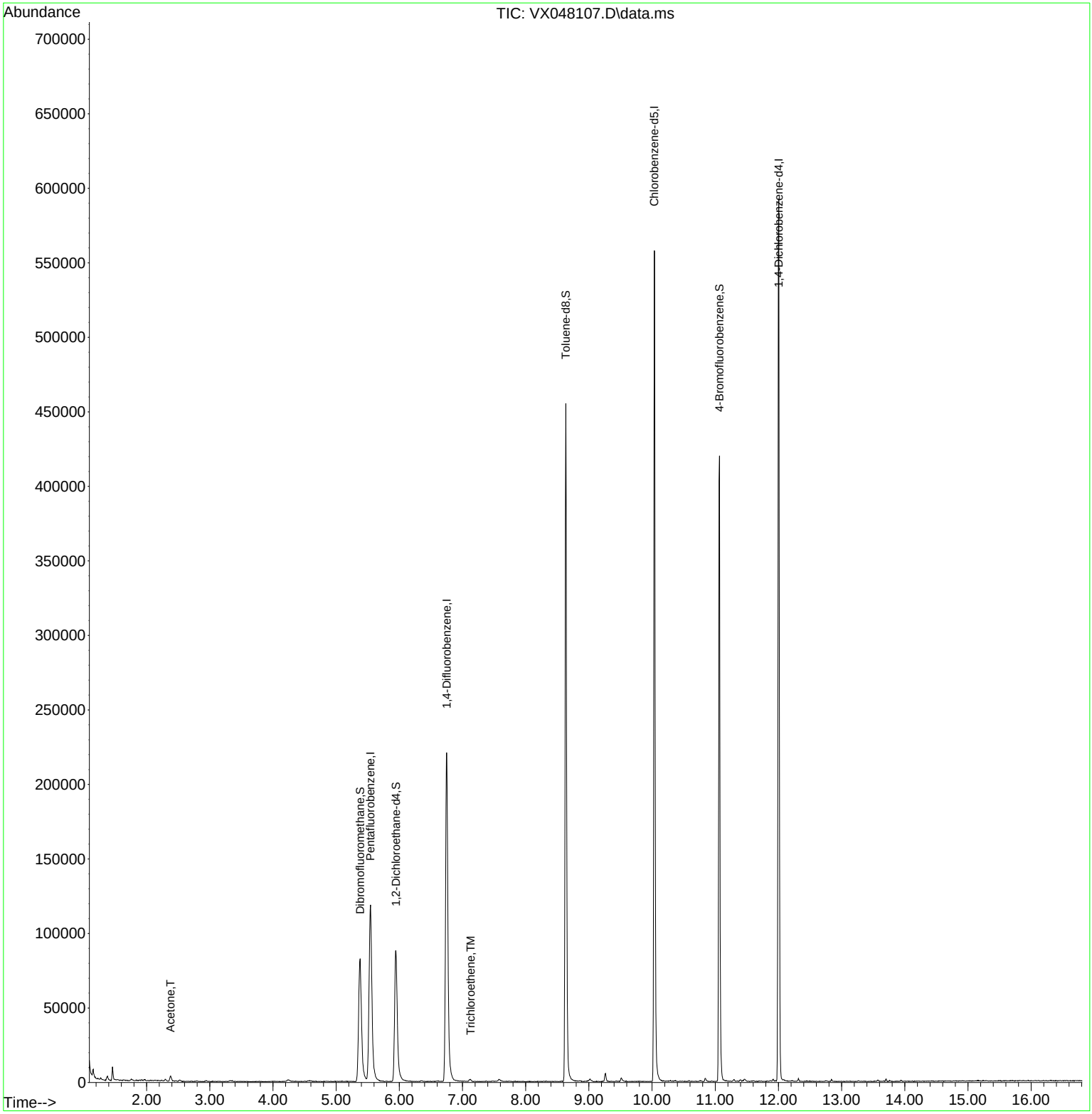
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	118203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	242254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	251104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99149	52.697	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.400%			
35) Dibromofluoromethane	5.379	113	79623	49.008	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.020%			
50) Toluene-d8	8.635	98	274544	48.836	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.680%			
62) 4-Bromofluorobenzene	11.067	95	117977	55.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.600%			
Target Compounds						Qvalue
16) Acetone	2.380	43	4617	5.644	ug/l #	87
44) Trichloroethene	7.129	130	643	0.369	ug/l	96

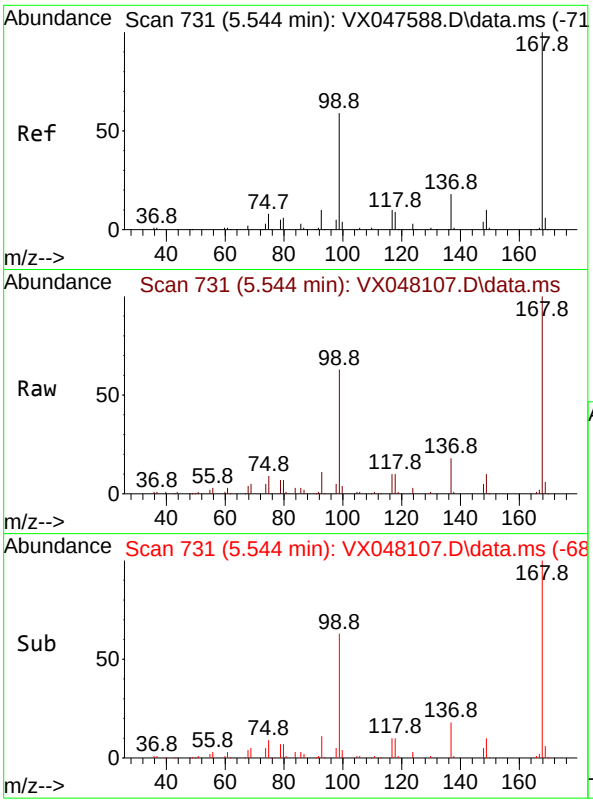
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048107.D
Acq On : 10 Oct 2025 13:31
Operator : JC/MD
Sample : Q3324-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

Quant Time: Oct 10 23:47:41 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



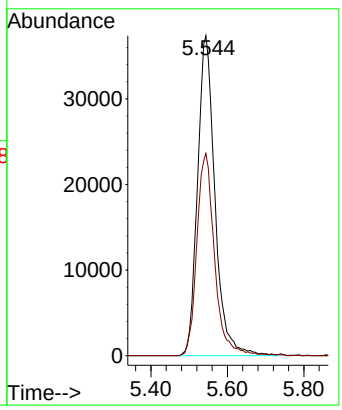


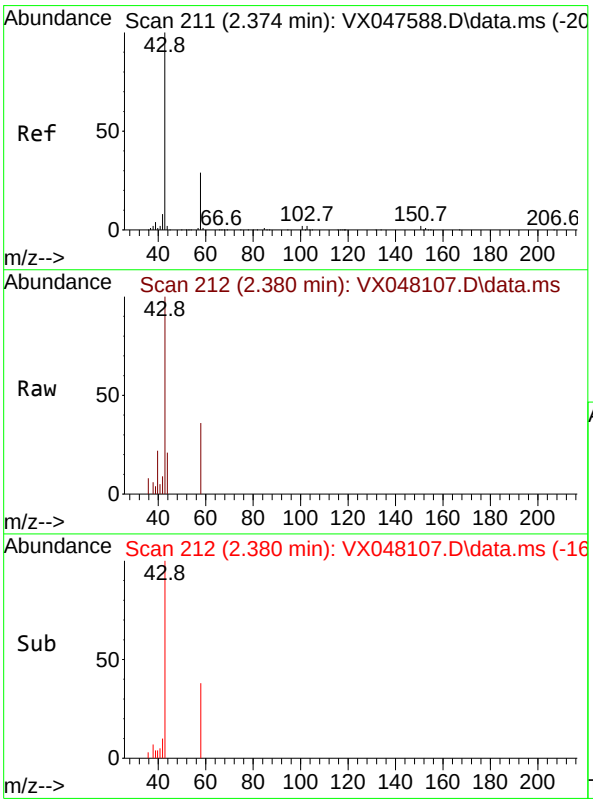
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048107.D
Acq: 10 Oct 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

Tgt Ion:168 Resp: 118203

Ion	Ratio	Lower	Upper
168	100		
99	63.2	48.8	73.2

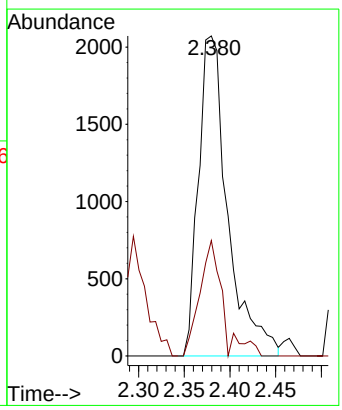


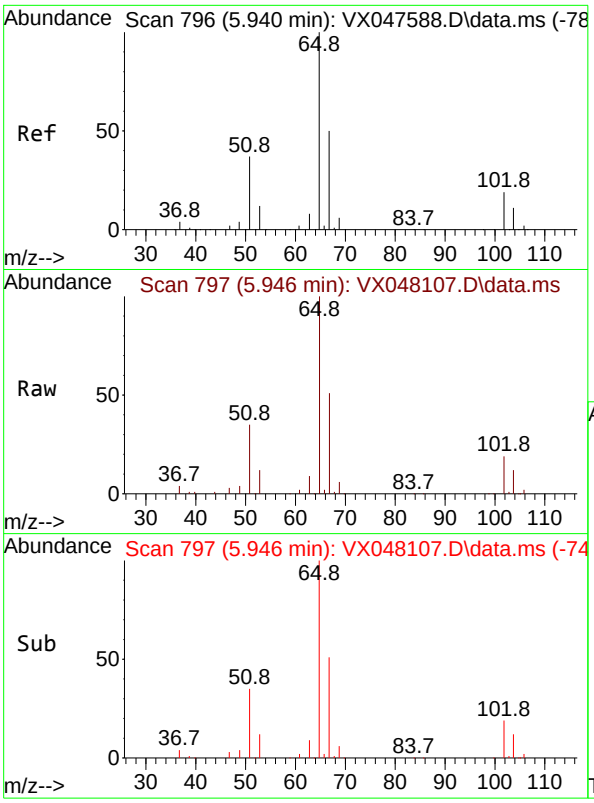


#16
Acetone
Concen: 5.644 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048107.D
Acq: 10 Oct 2025 13:31

Tgt Ion: 43 Resp: 4617

Ion	Ratio	Lower	Upper
43	100		
58	36.1	23.4	35.0#



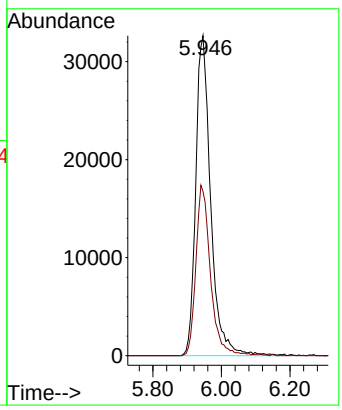


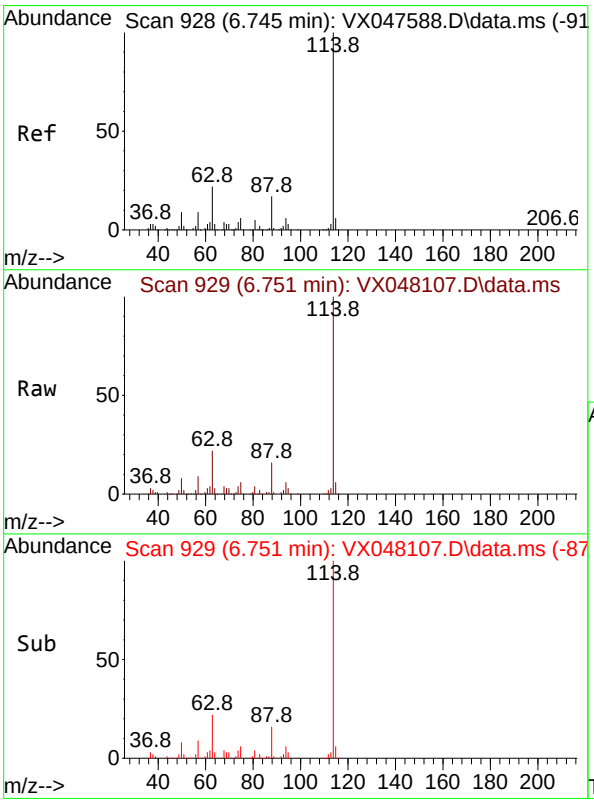
#33
1,2-Dichloroethane-d4
Concen: 52.697 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048107.D
Acq: 10 Oct 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

Tgt Ion: 65 Resp: 99149

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0

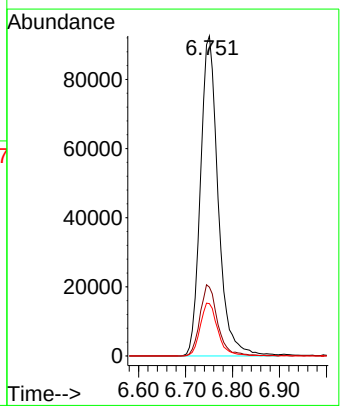


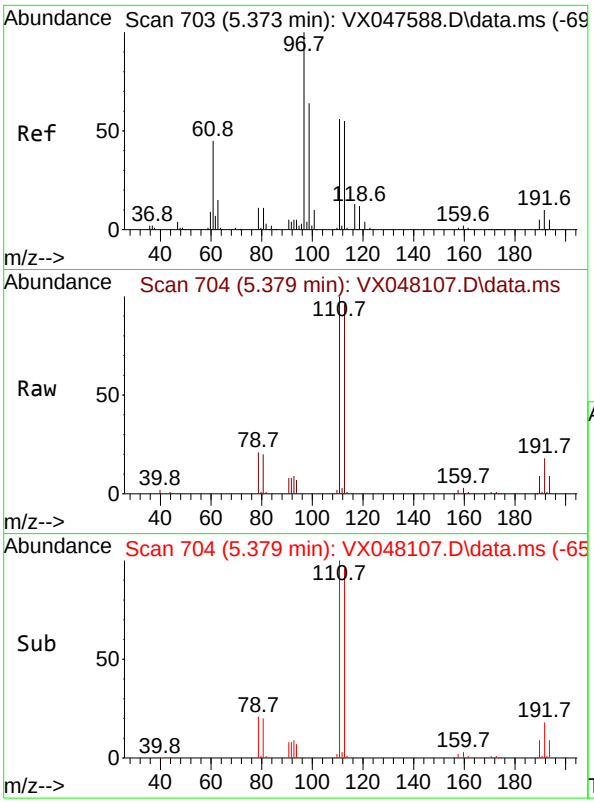


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048107.D
Acq: 10 Oct 2025 13:31

Tgt Ion:114 Resp: 242254

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	16.4	0.0	34.2



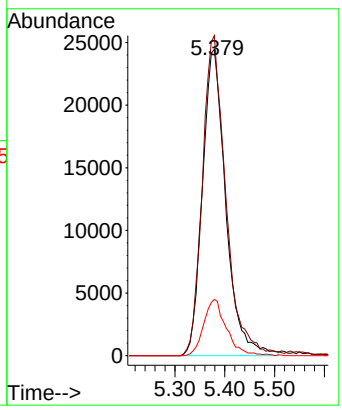


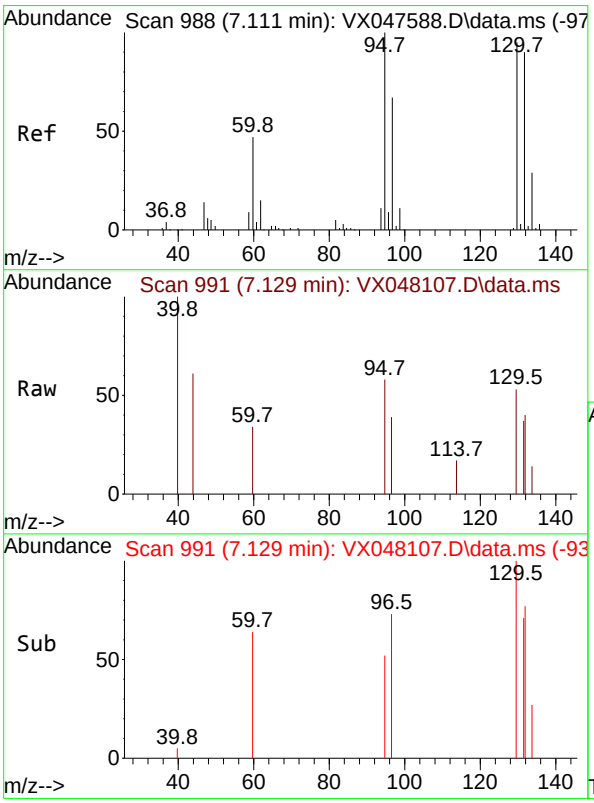
#35
Dibromofluoromethane
Concen: 49.008 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048107.D
Acq: 10 Oct 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

Tgt Ion:113 Resp: 79623

Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.9	121.3
192	17.9	14.2	21.4

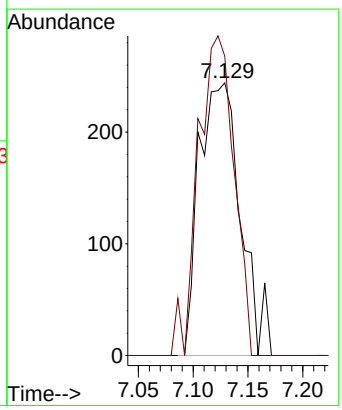


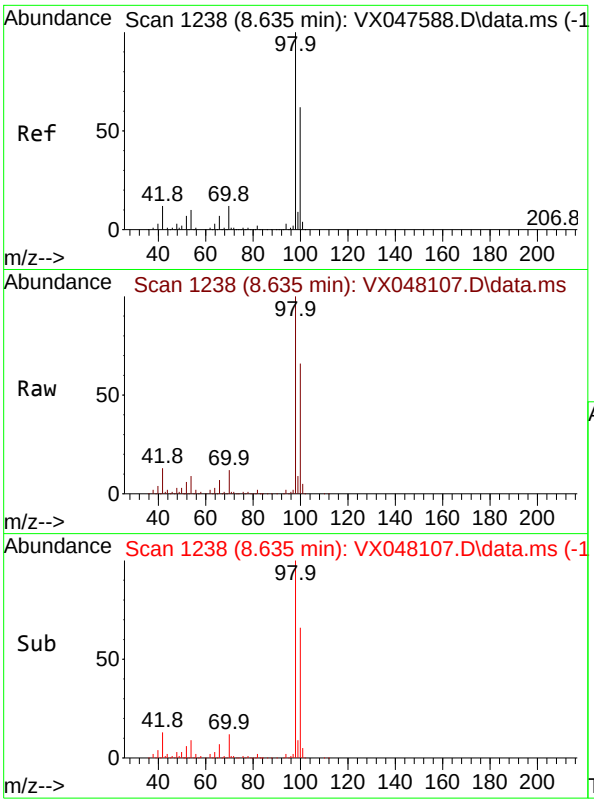


#44
Trichloroethene
Concen: 0.369 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.018 min
Lab File: VX048107.D
Acq: 10 Oct 2025 13:31

Tgt Ion:130 Resp: 643

Ion	Ratio	Lower	Upper
130	100		
95	109.8	0.0	210.8



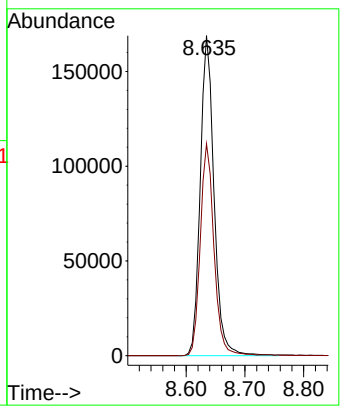


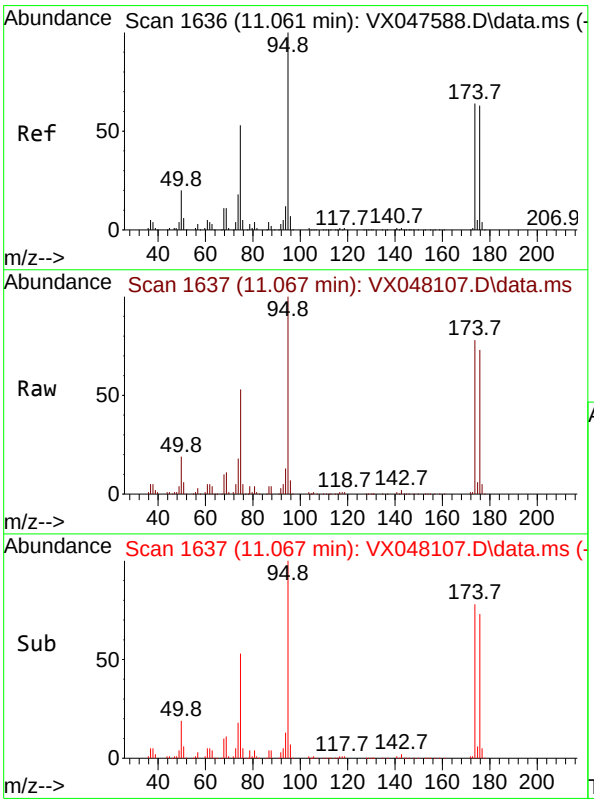
#50
Toluene-d8
Concen: 48.836 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048107.D
Acq: 10 Oct 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

Tgt Ion: 98 Resp: 274544

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4

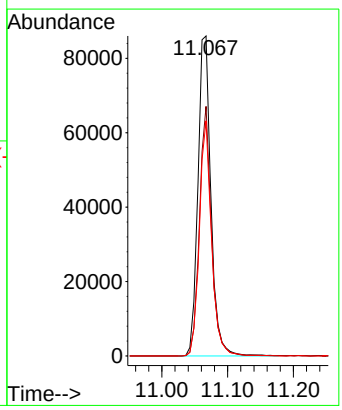


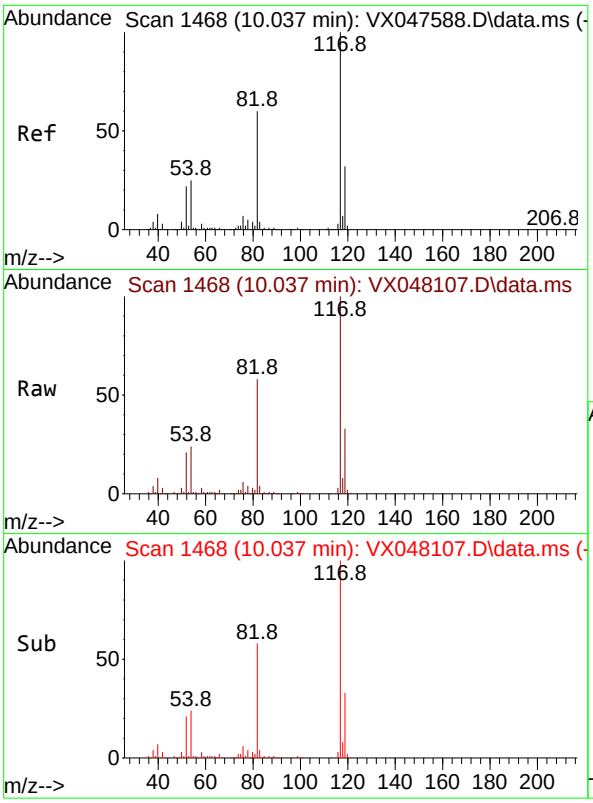


#62
4-Bromofluorobenzene
Concen: 55.296 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048107.D
Acq: 10 Oct 2025 13:31

Tgt Ion: 95 Resp: 117977

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	141.6
176	69.0	0.0	138.4



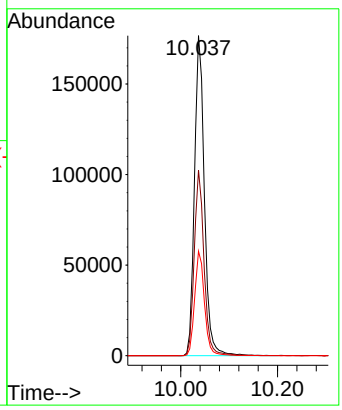


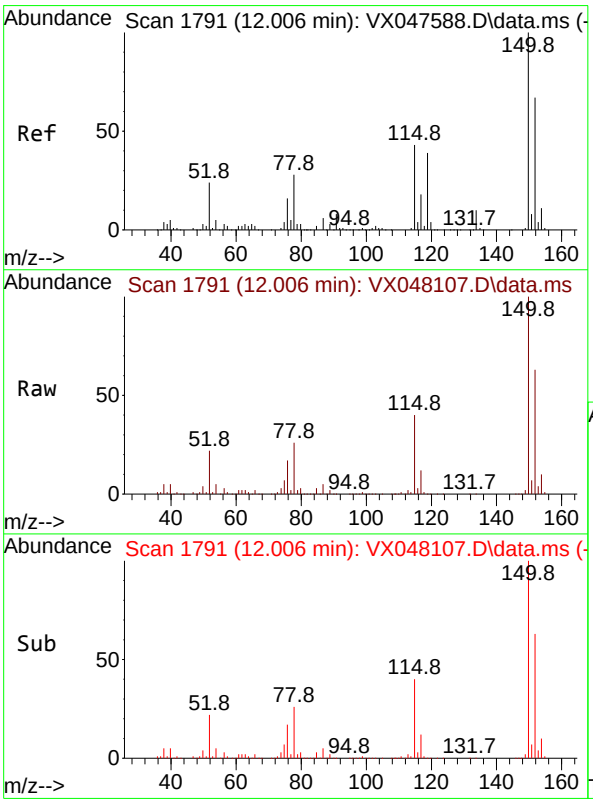
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048107.D
Acq: 10 Oct 2025 13:31

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

Tgt Ion:117 Resp: 251104

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.8	71.6
119	32.7	25.2	37.8

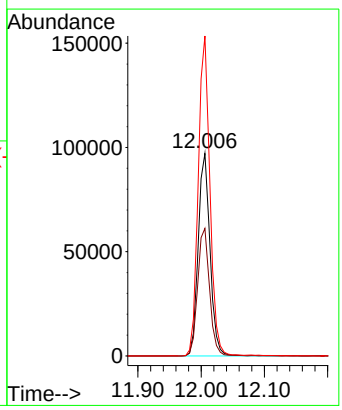




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048107.D
Acq: 10 Oct 2025 13:31

Tgt Ion:152 Resp: 126721

Ion	Ratio	Lower	Upper
152	100		
115	63.5	44.9	134.5
150	155.9	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048107.D
Acq On : 10 Oct 2025 13:31
Operator : JC/MD
Sample : Q3324-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

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: VX048107.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.459	58	61	66	rBV	9158	10643	1.33%	0.241%
2	5.379	692	704	720	rBV4	82431	265381	33.14%	6.016%
3	5.544	721	731	754	rVB	118139	370160	46.22%	8.392%
4	5.946	786	797	816	rBV	87751	266450	33.27%	6.041%
5	6.751	919	929	953	rBV	220293	582198	72.69%	13.199%
6	8.635	1231	1238	1258	rBV	455095	745580	93.09%	16.903%
7	9.262	1336	1341	1346	rVB2	5348	8218	1.03%	0.186%
8	10.037	1462	1468	1487	rBV	557490	792901	99.00%	17.976%
9	11.067	1631	1637	1647	rBV	419676	568536	70.99%	12.889%
10	12.006	1785	1791	1801	rBV	592051	800881	100.00%	18.157%

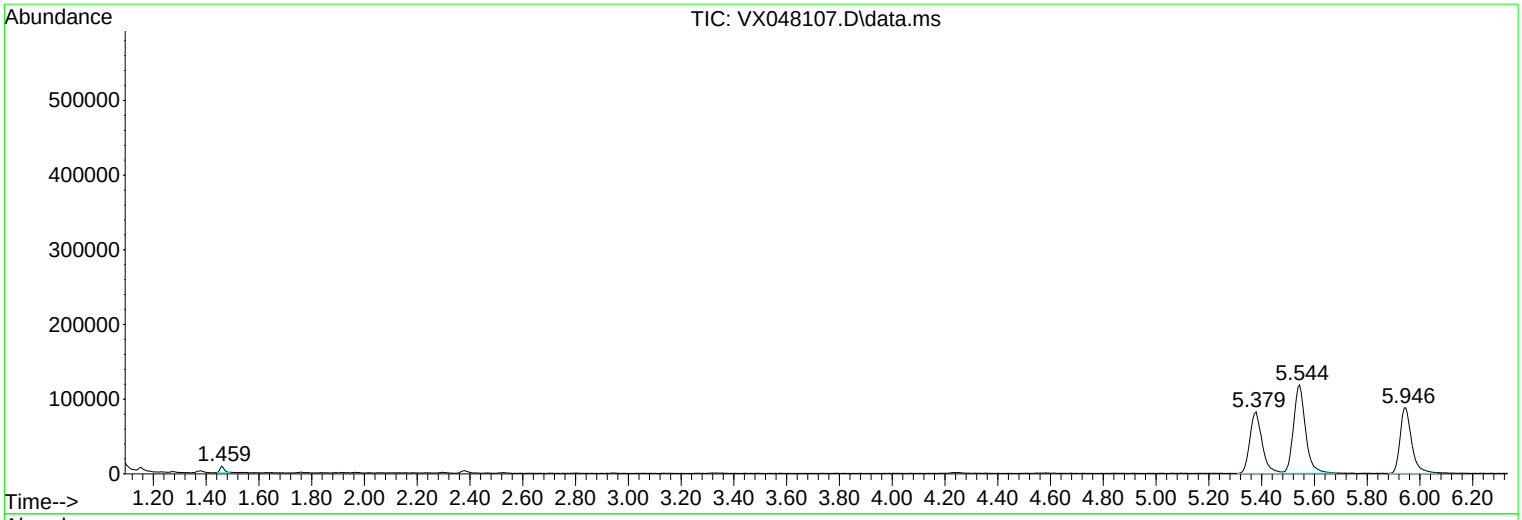
Sum of corrected areas: 4410948

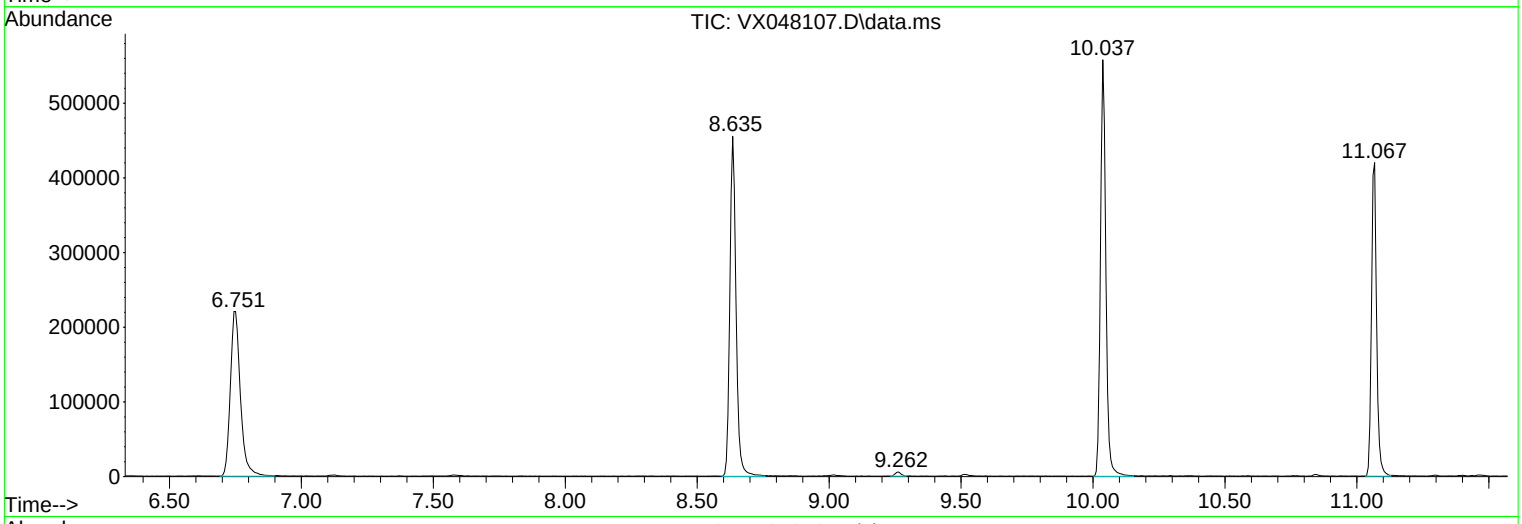
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048107.D
Acq On : 10 Oct 2025 13:31
Operator : JC/MD
Sample : Q3324-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

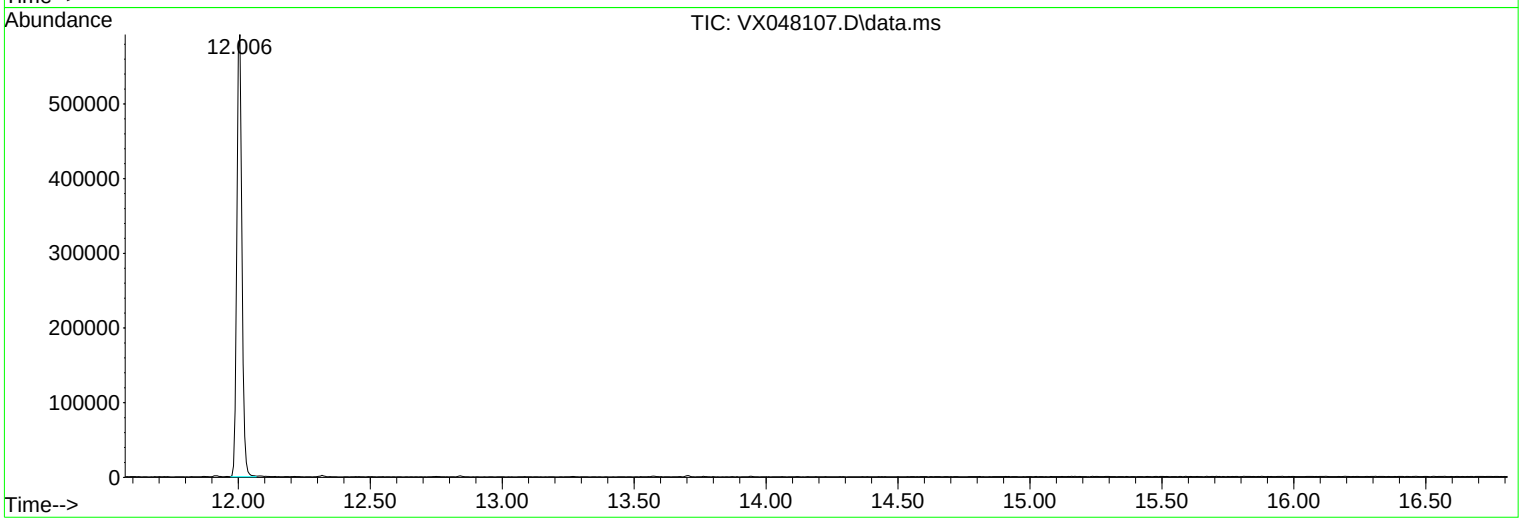
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

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 : VX048107.D
Acq On : 10 Oct 2025 13:31
Operator : JC/MD
Sample : Q3324-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

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 : VX048107.D
Acq On : 10 Oct 2025 13:31
Operator : JC/MD
Sample : Q3324-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-760-762

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:	Tetra Tech NUS, Inc.	Date Collected:	10/07/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-780-782	SDG No.:	Q3324
Lab Sample ID:	Q3324-05	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:44	VX101325
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/13/25 11:44	VX101325
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/13/25 11:44	VX101325
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/13/25 11:44	VX101325
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/13/25 11:44	VX101325
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/13/25 11:44	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:44	VX101325
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/13/25 11:44	VX101325
67-64-1	Acetone	3.80	J	1	1.50	3.80	5.00	ug/L	10/13/25 11:44	VX101325
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/13/25 11:44	VX101325
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:44	VX101325
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/13/25 11:44	VX101325
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/13/25 11:44	VX101325
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:44	VX101325
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:44	VX101325
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/13/25 11:44	VX101325
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/13/25 11:44	VX101325
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:44	VX101325
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/13/25 11:44	VX101325
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:44	VX101325
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 11:44	VX101325
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:44	VX101325
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:44	VX101325
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:44	VX101325
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:44	VX101325
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/13/25 11:44	VX101325
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:44	VX101325
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 11:44	VX101325
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/13/25 11:44	VX101325
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/13/25 11:44	VX101325
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/13/25 11:44	VX101325
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:44	VX101325
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/13/25 11:44	VX101325
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/13/25 11:44	VX101325
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/13/25 11:44	VX101325
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:44	VX101325
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 11:44	VX101325
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:44	VX101325
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/13/25 11:44	VX101325
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/13/25 11:44	VX101325
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:44	VX101325
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 11:44	VX101325
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 11:44	VX101325

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/07/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-780-782	SDG No.:	Q3324
Lab Sample ID:	Q3324-05	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 11:44	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/13/25 11:44	VX101325
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:44	VX101325
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 11:44	VX101325
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 11:44	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/13/25 11:44	VX101325
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 11:44	VX101325
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/13/25 11:44	VX101325
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.4			81 - 118		101%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	48.8			89 - 112		98%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.2			85 - 114		112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	145000								
540-36-3	1,4-Difluorobenzene	293000								
3114-55-4	Chlorobenzene-d5	303000								
3855-82-1	1,4-Dichlorobenzene-d4	153000								
TENTATIVE IDENTIFIED COMPOUNDS										
75-43-4	Dichlorofluoromethane	N.D								

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 : VX048132.D
Acq On : 13 Oct 2025 11:44
Operator : JC/MD
Sample : Q3324-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Quant Time: Oct 14 01:52:19 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

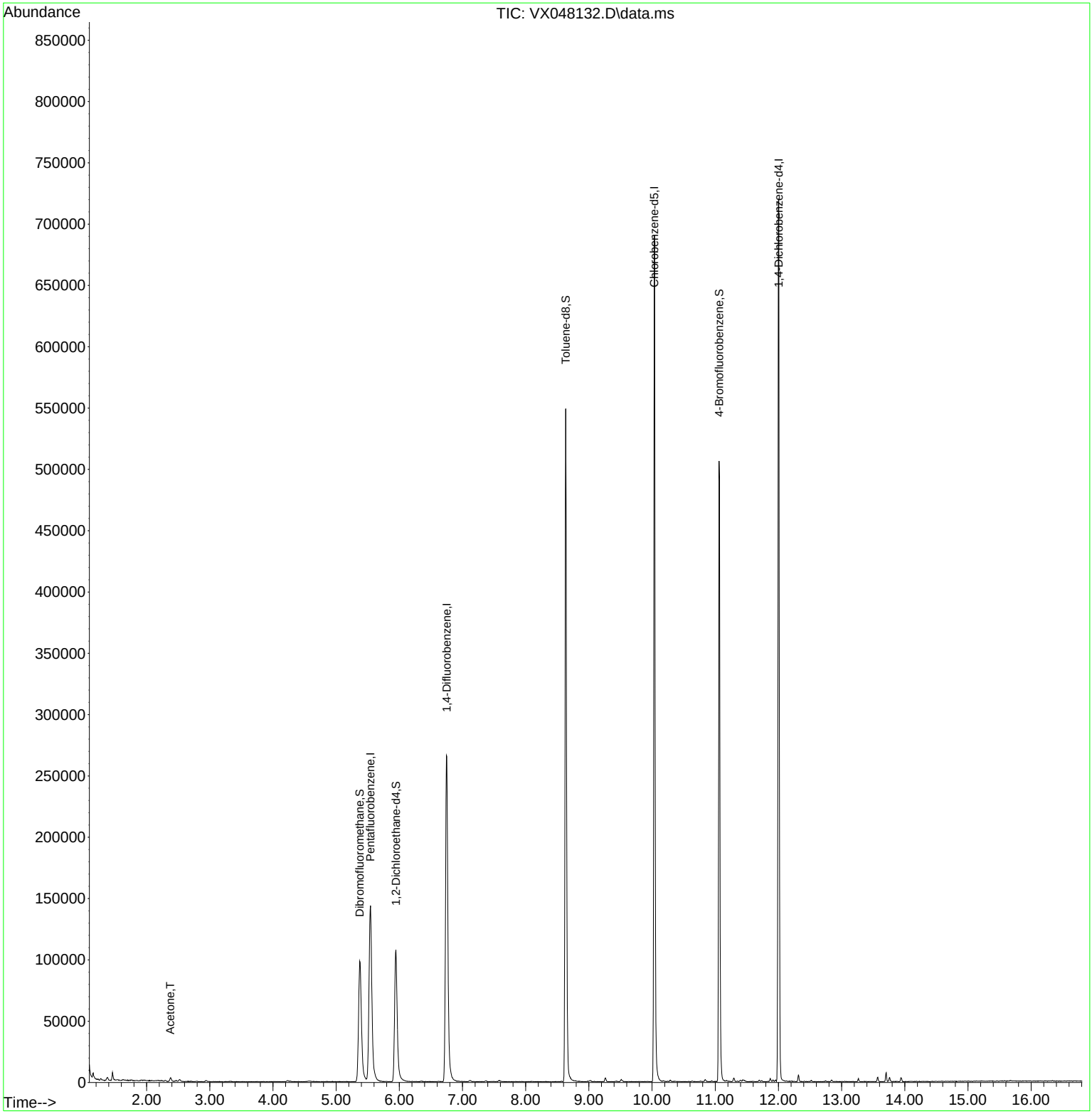
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	145285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	293131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	303093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	152502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116568	50.406	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.820%			
35) Dibromofluoromethane	5.373	113	96052	48.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	8.635	98	331940	48.798	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.600%			
62) 4-Bromofluorobenzene	11.061	95	145147	56.223	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.440%			
Target Compounds						Qvalue
16) Acetone	2.374	43	3821	3.800	ug/l	96

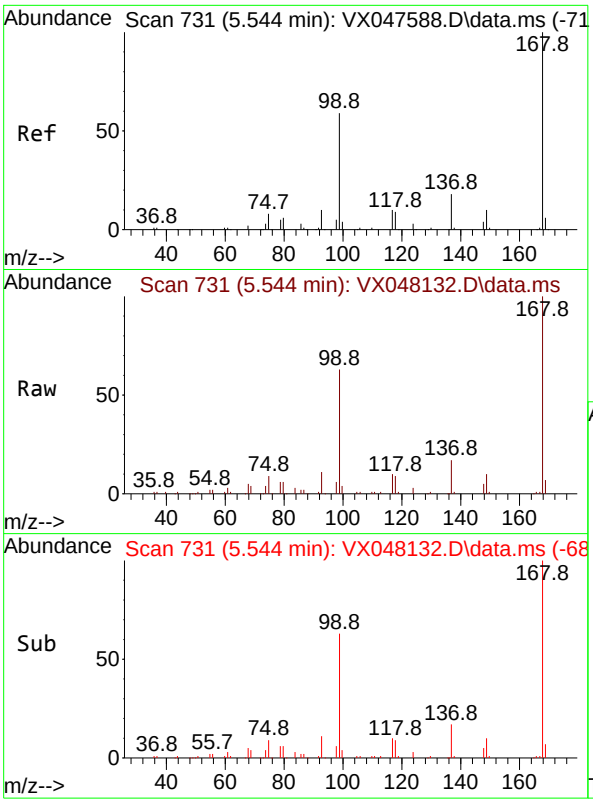
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048132.D
Acq On : 13 Oct 2025 11:44
Operator : JC/MD
Sample : Q3324-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Quant Time: Oct 14 01:52:19 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



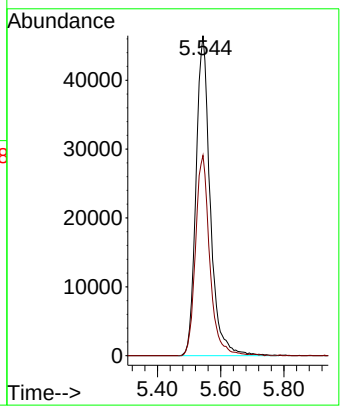


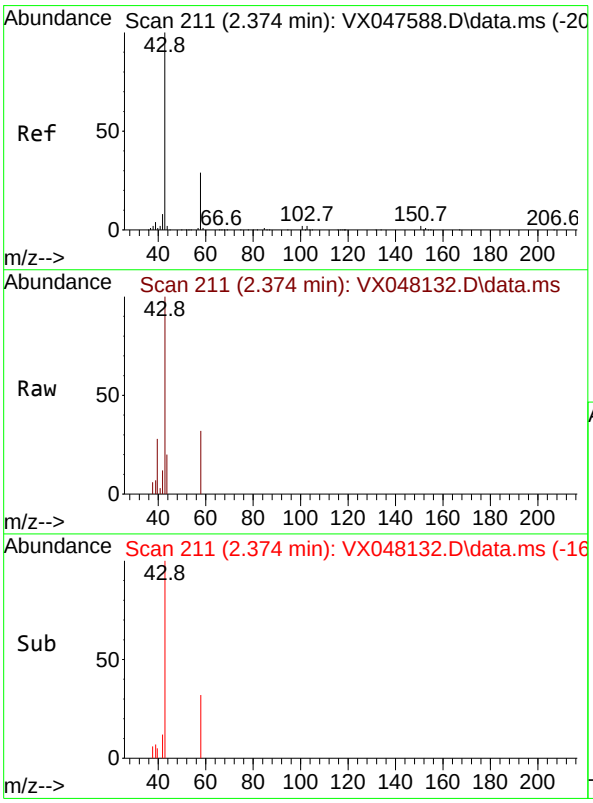
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion:168 Resp: 145285

Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.8	73.2

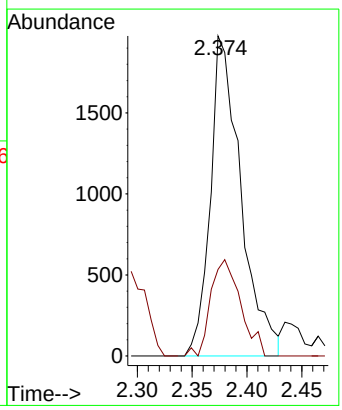


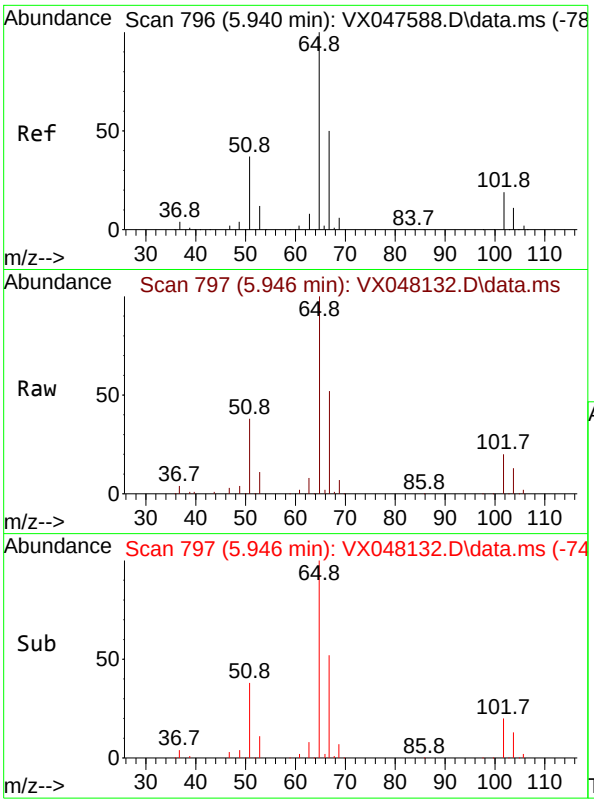


#16
Acetone
Concen: 3.800 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Tgt Ion: 43 Resp: 3821

Ion	Ratio	Lower	Upper
43	100		
58	27.0	23.4	35.0



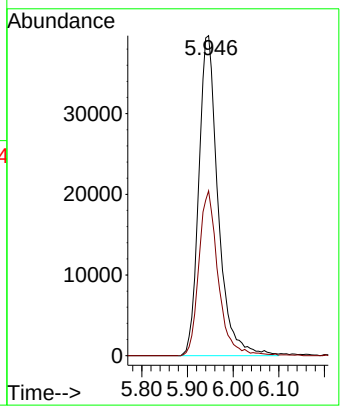


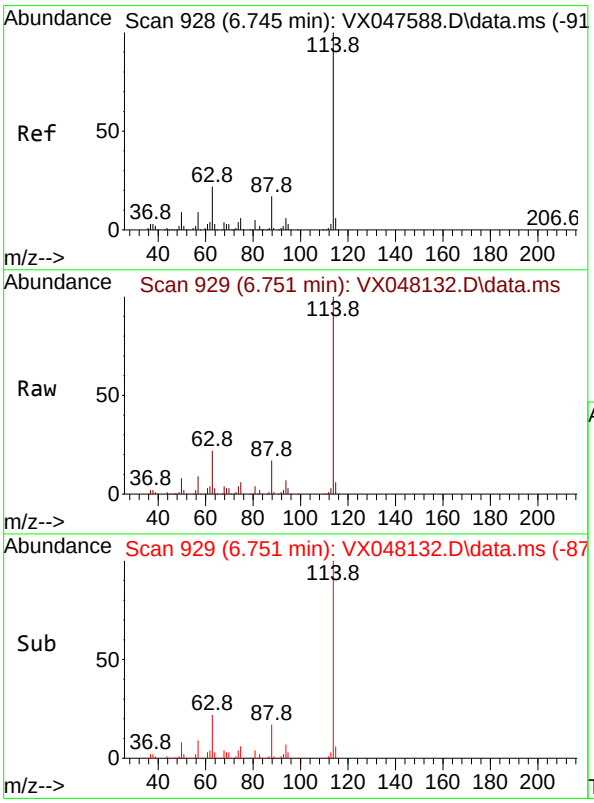
#33
1,2-Dichloroethane-d4
Concen: 50.406 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion: 65 Resp: 116568

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.0

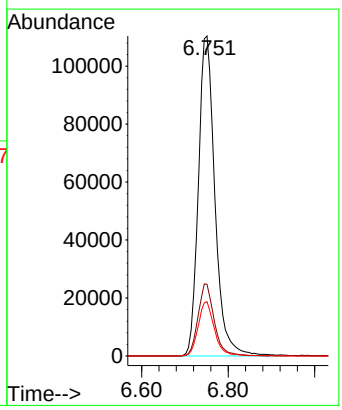


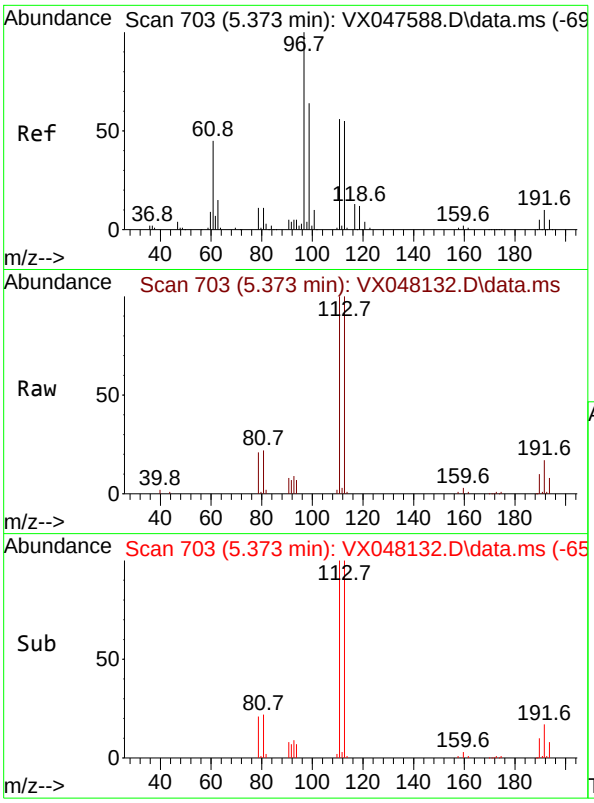


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Tgt Ion:114 Resp: 293131

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.0
88	16.9	0.0	34.2



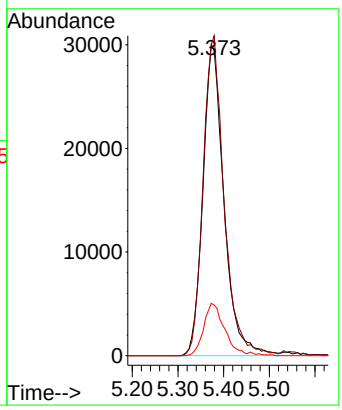


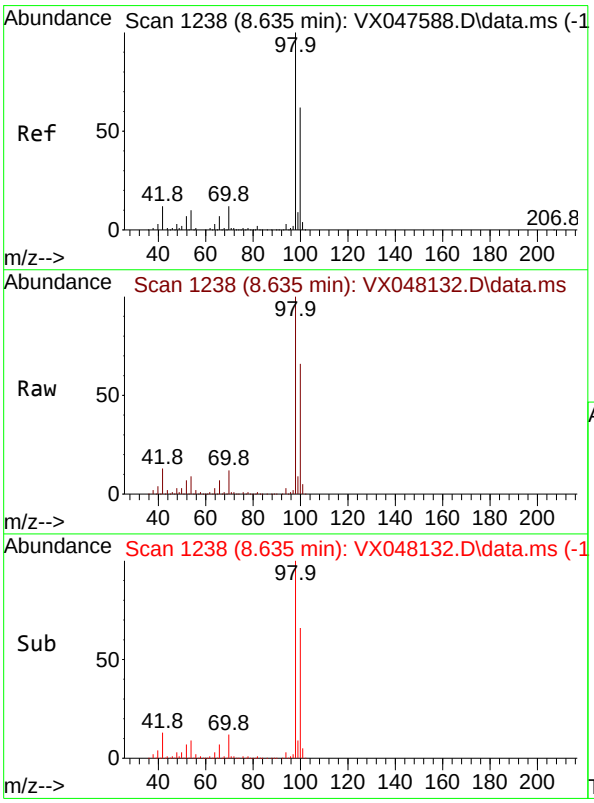
#35
Dibromofluoromethane
Concen: 48.859 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion:113 Resp: 96052

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.9	121.3
192	16.5	14.2	21.4

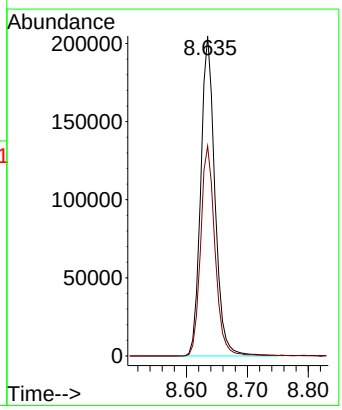


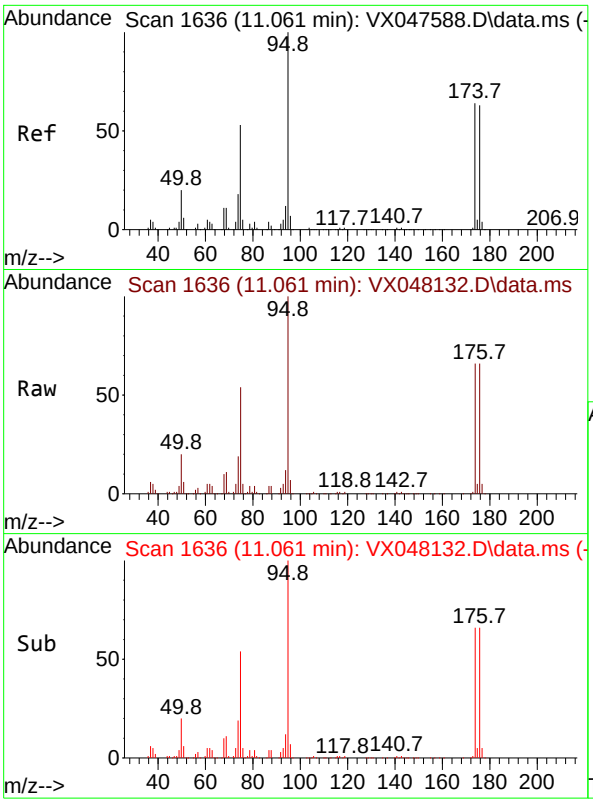


#50
Toluene-d8
Concen: 48.798 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Tgt Ion: 98 Resp: 331940

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4



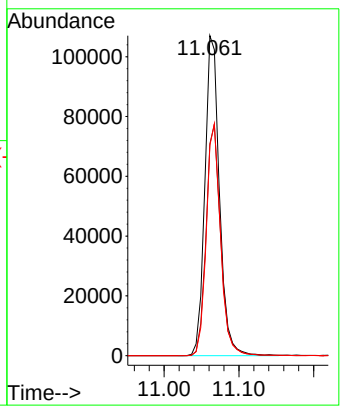


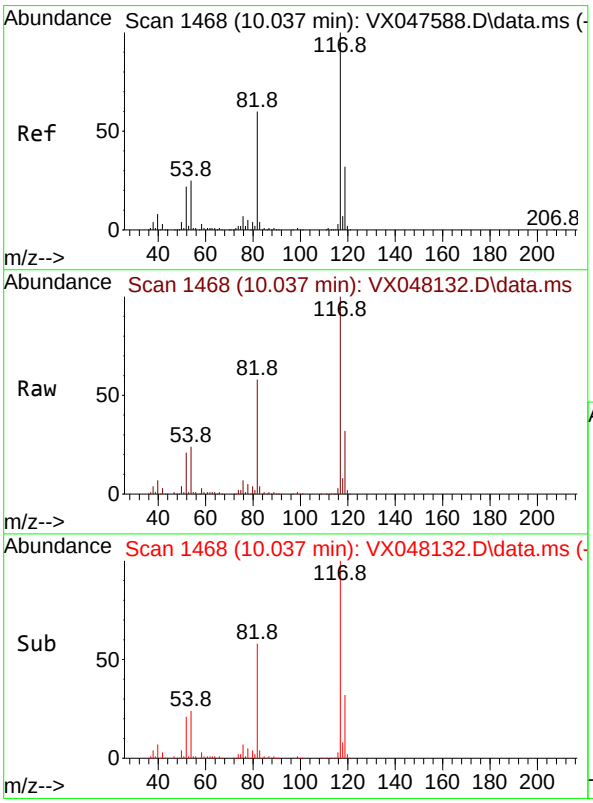
#62
4-Bromofluorobenzene
Concen: 56.223 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion: 95 Resp: 145147

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	141.6
176	70.8	0.0	138.4

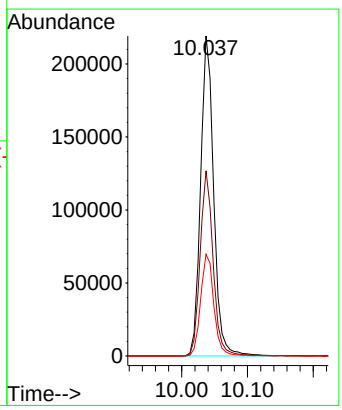


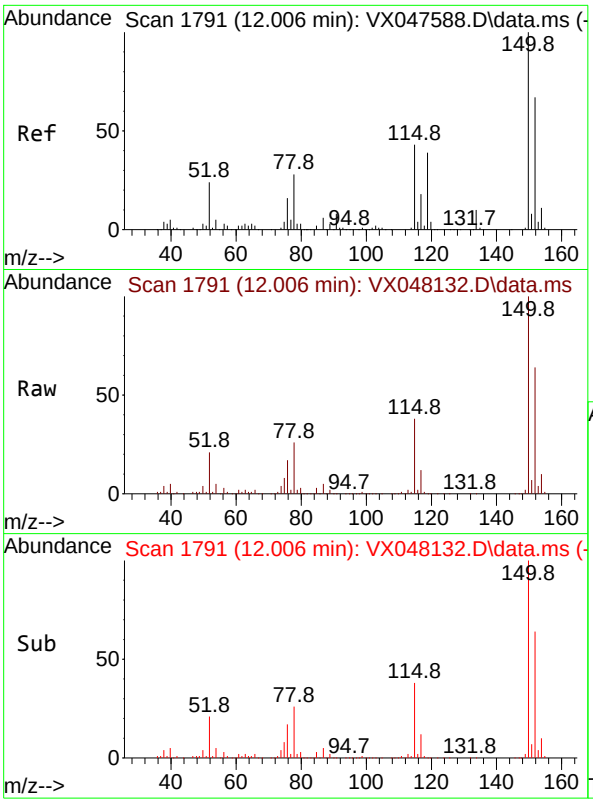


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Tgt Ion:117 Resp: 303093

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.6
119	31.8	25.2	37.8



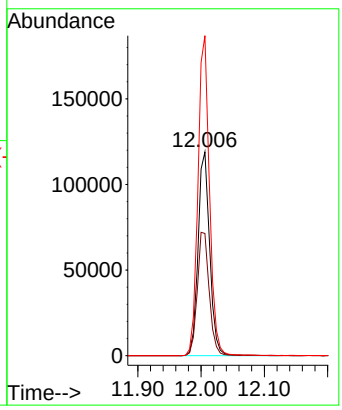


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048132.D
Acq: 13 Oct 2025 11:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion:152 Resp: 152502

Ion	Ratio	Lower	Upper
152	100		
115	62.1	44.9	134.5
150	155.6	0.0	352.0



Sample Results: **VX048132.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048132.D
Acq On : 13 Oct 2025 11:44
Operator : JC/MD
Sample : Q3324-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

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: VX048132.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	692	703	719	rBV2	98421	315664	32.86%	5.951%
2	5.544	721	731	756	rVB	143218	451085	46.95%	8.504%
3	5.946	786	797	826	rBV	107558	317334	33.03%	5.982%
4	6.745	919	928	955	rBV	266130	705637	73.45%	13.303%
5	8.635	1231	1238	1260	rBV	548771	902768	93.97%	17.019%
6	10.037	1462	1468	1486	rBV	690083	958232	99.74%	18.065%
7	11.061	1631	1636	1648	rBV	506040	692951	72.13%	13.064%
8	12.006	1785	1791	1805	rBV	719863	960708	100.00%	18.112%

Sum of corrected areas: 5304379

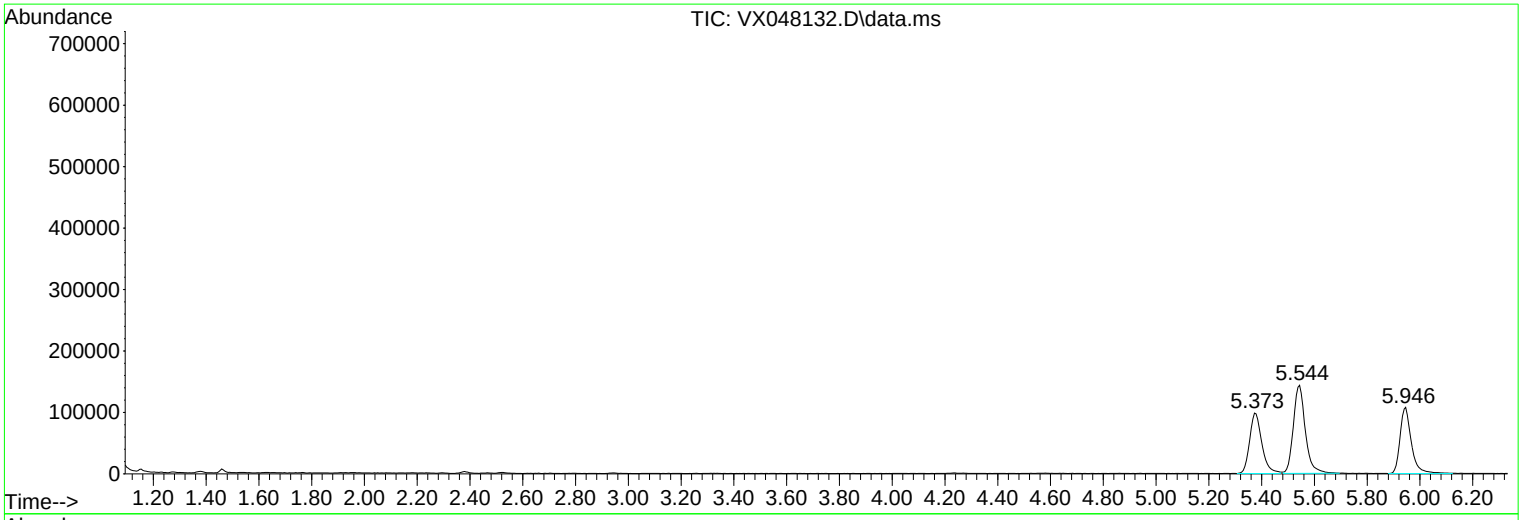
Sample Results: **VX048132.D**

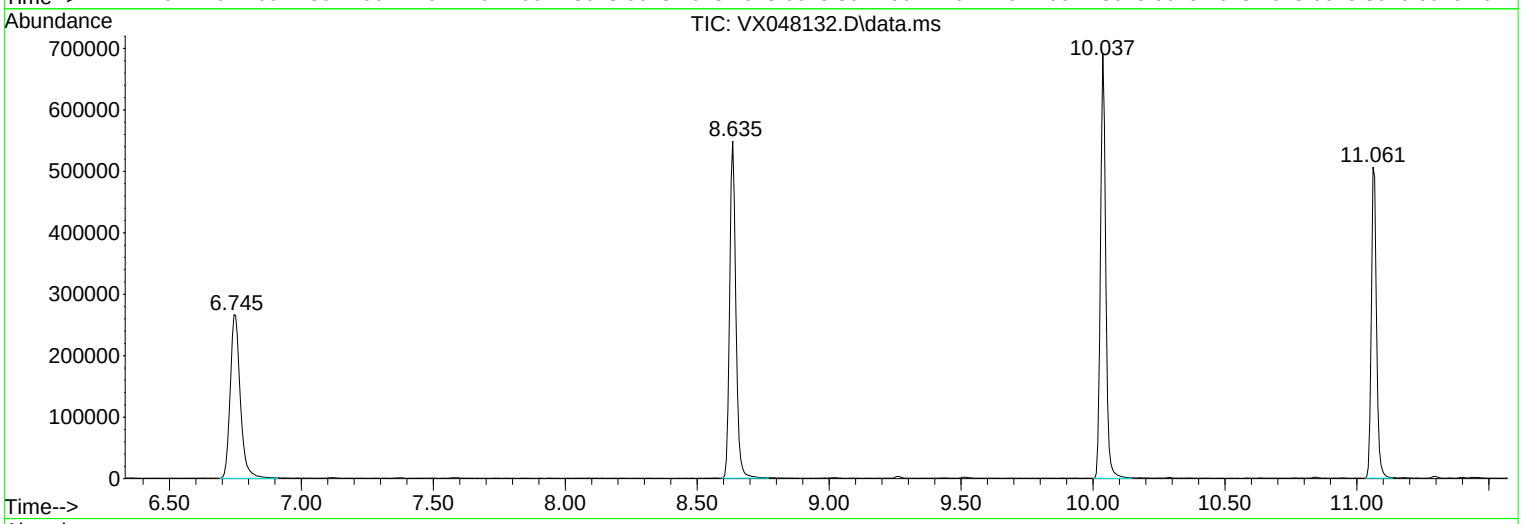
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048132.D
Acq On : 13 Oct 2025 11:44
Operator : JC/MD
Sample : Q3324-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

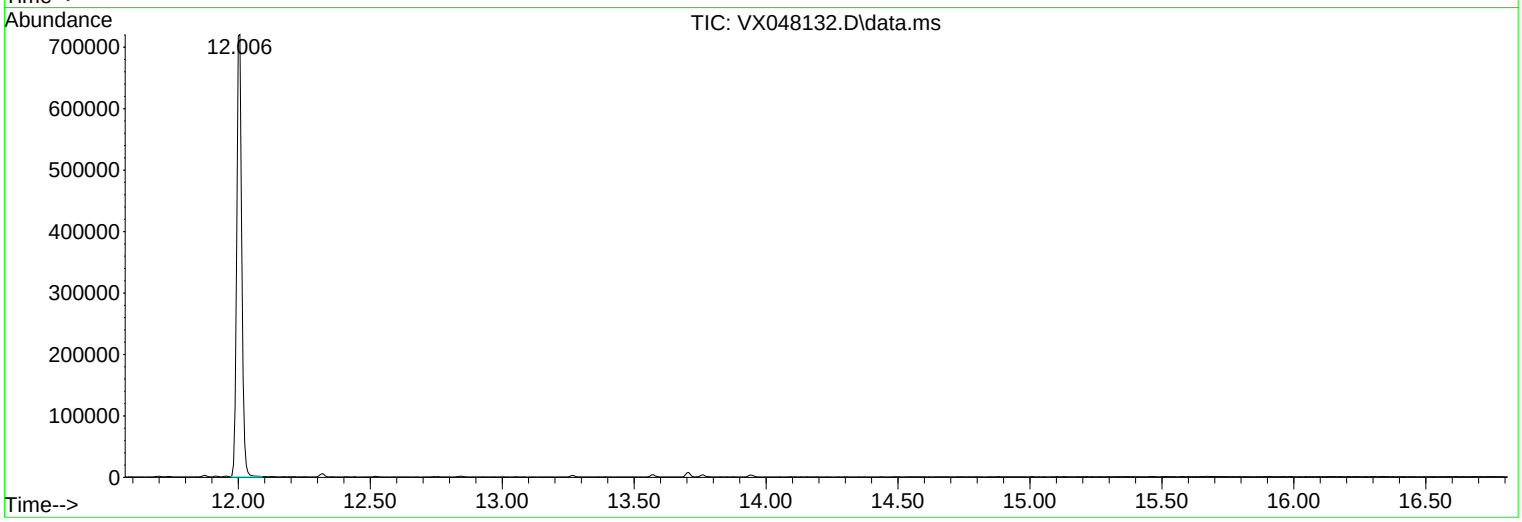
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

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 : VX048132.D
Acq On : 13 Oct 2025 11:44
Operator : JC/MD
Sample : Q3324-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

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 : VX048132.D
Acq On : 13 Oct 2025 11:44
Operator : JC/MD
Sample : Q3324-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

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:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-840-842	SDG No.:	Q3324
Lab Sample ID:	Q3324-06	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:12	VX101025
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/10/25 14:12	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 14:12	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 14:12	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 14:12	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 14:12	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:12	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 14:12	VX101025
67-64-1	Acetone	5.90		1	1.50	3.80	5.00	ug/L	10/10/25 14:12	VX101025
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/10/25 14:12	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:12	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 14:12	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 14:12	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:12	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:12	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 14:12	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 14:12	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:12	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 14:12	VX101025
74-97-5	Bromochloromethane	0.50	UQ	1	0.22	0.50	1.00	ug/L	10/10/25 14:12	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:12	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:12	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:12	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:12	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:12	VX101025
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/10/25 14:12	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:12	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:12	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 14:12	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 14:12	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 14:12	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:12	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 14:12	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 14:12	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 14:12	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:12	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:12	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:12	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 14:12	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 14:12	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:12	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:12	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 14:12	VX101025

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-840-842	SDG No.:	Q3324
Lab Sample ID:	Q3324-06	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:12	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 14:12	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:12	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 14:12	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:12	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 14:12	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:12	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 14:12	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	53.3			81 - 118		107%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.2			80 - 119		100%	SPK: 50		
2037-26-5	Toluene-d8	48.4			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.4			85 - 114		113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	121000								
540-36-3	1,4-Difluorobenzene	249000								
3114-55-4	Chlorobenzene-d5	262000								
3855-82-1	1,4-Dichlorobenzene-d4	137000								
TENTATIVE IDENTIFIED COMPOUNDS										
75-43-4	Dichlorofluoromethane	N.D								

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 : VX048109.D
Acq On : 10 Oct 2025 14:12
Operator : JC/MD
Sample : Q3324-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

Quant Time: Oct 10 23:48:28 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

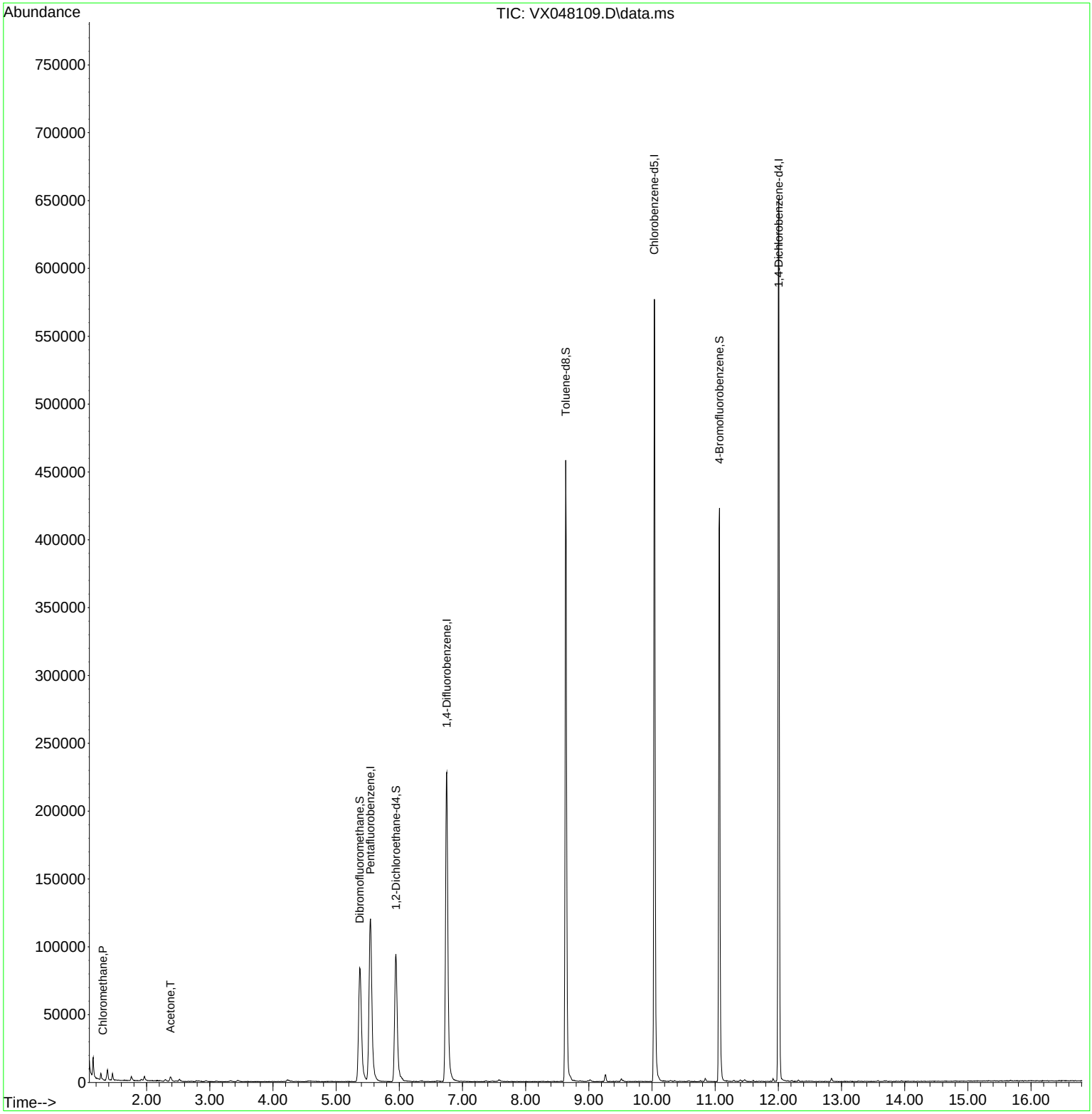
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	120601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	248505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102294	53.287	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.580%			
35) Dibromofluoromethane	5.373	113	83685	50.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.635	98	278924	48.367	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.740%			
62) 4-Bromofluorobenzene	11.067	95	123457	56.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.820%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	417	0.254	ug/l #	82
16) Acetone	2.380	43	4907	5.879	ug/l	95

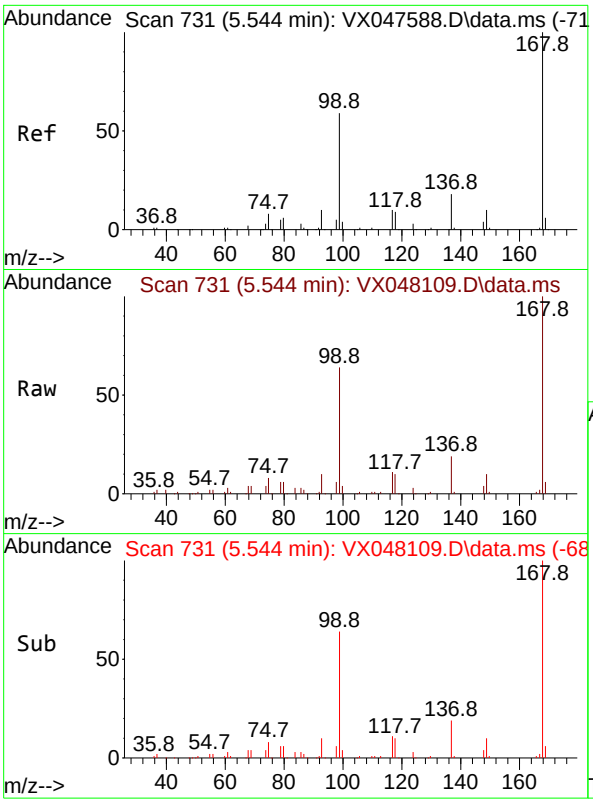
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048109.D
Acq On : 10 Oct 2025 14:12
Operator : JC/MD
Sample : Q3324-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

Quant Time: Oct 10 23:48:28 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



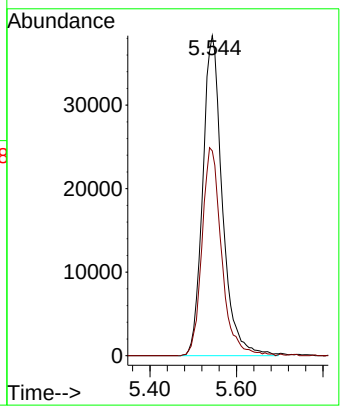


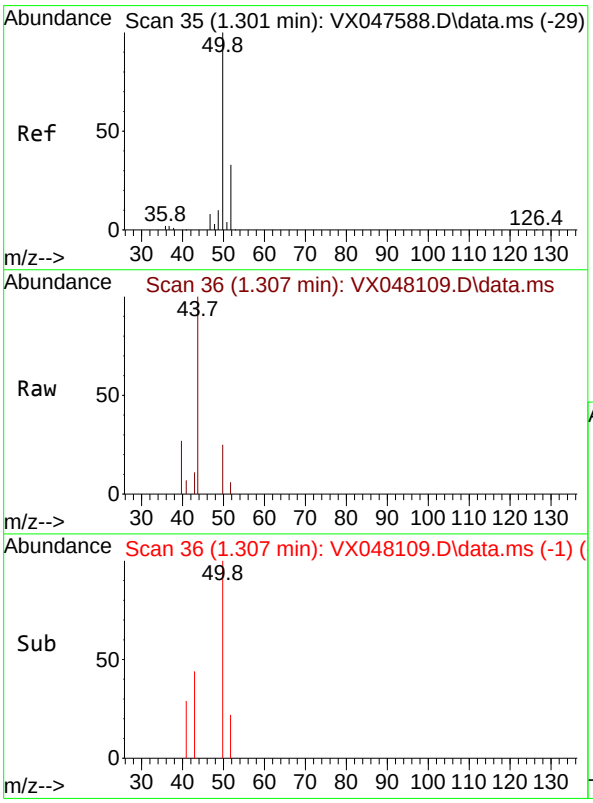
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048109.D
Acq: 10 Oct 2025 14:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

Tgt Ion:168 Resp: 120601

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

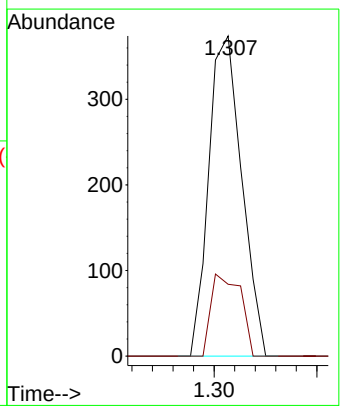


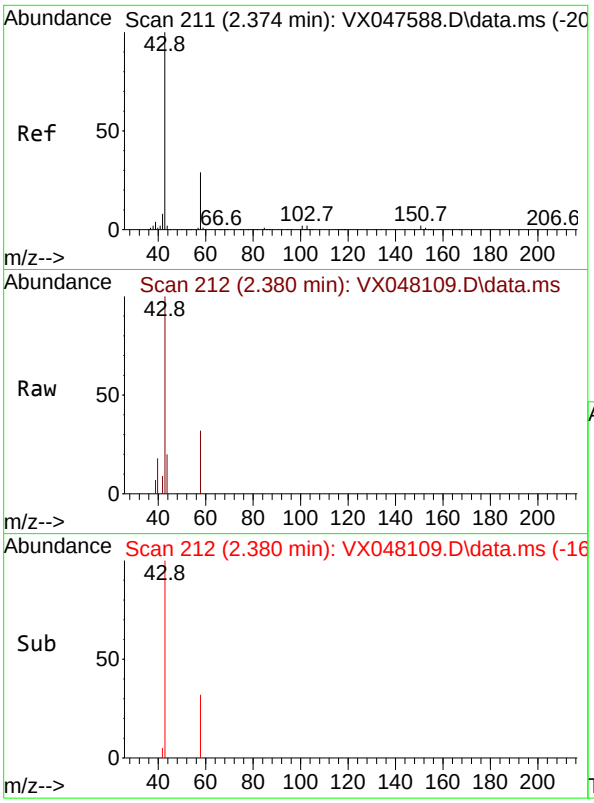


#3
Chloromethane
Concen: 0.254 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048109.D
Acq: 10 Oct 2025 14:12

Tgt Ion: 50 Resp: 417

Ion	Ratio	Lower	Upper
50	100		
52	22.5	26.1	39.1#



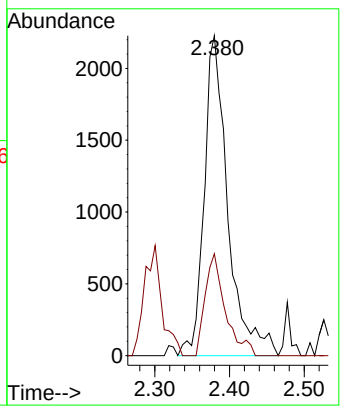


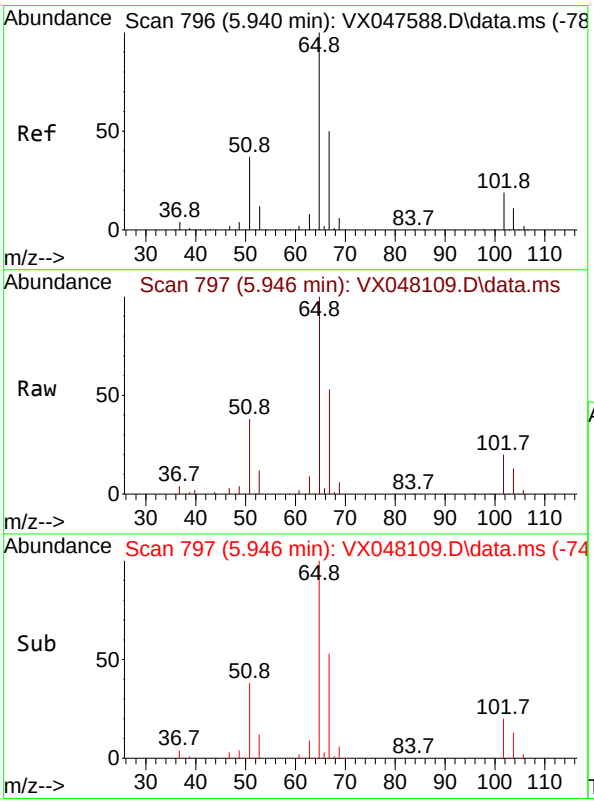
#16
Acetone
Concen: 5.879 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048109.D
Acq: 10 Oct 2025 14:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

Tgt Ion: 43 Resp: 4907

Ion	Ratio	Lower	Upper
43	100		
58	26.5	23.4	35.0

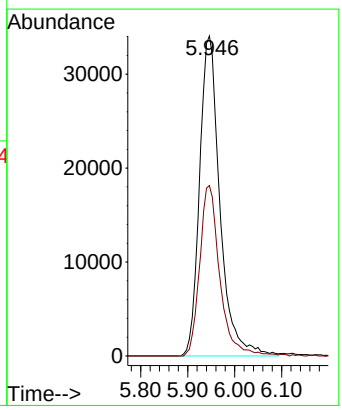


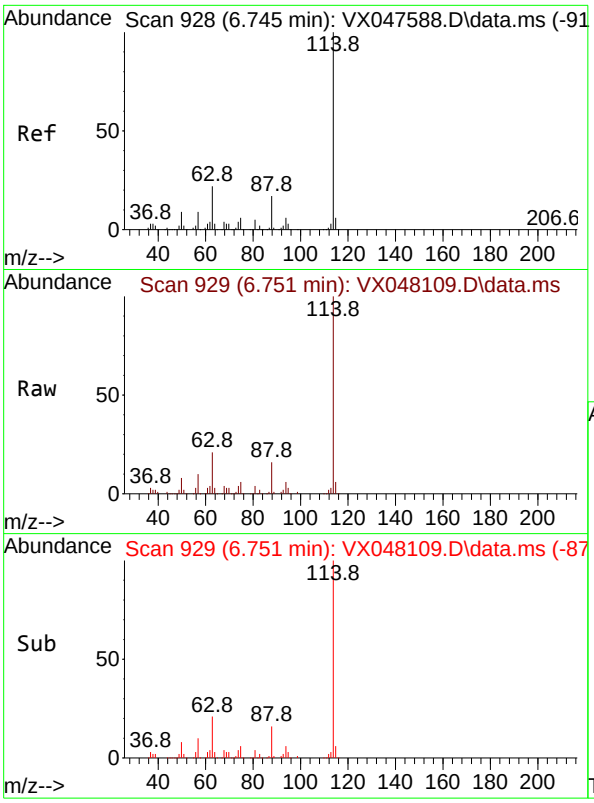


#33
1,2-Dichloroethane-d4
Concen: 53.287 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048109.D
Acq: 10 Oct 2025 14:12

Tgt Ion: 65 Resp: 102294

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	103.0



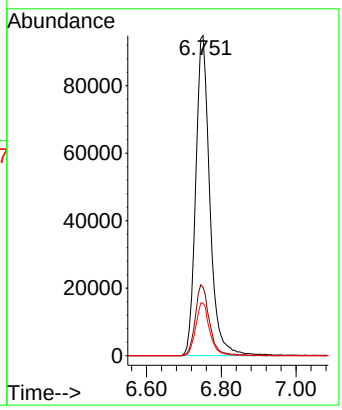


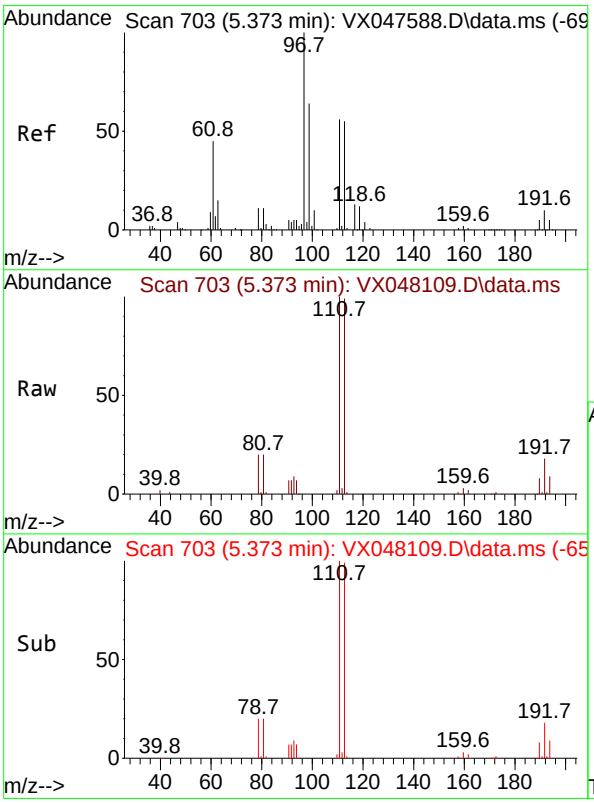
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048109.D
Acq: 10 Oct 2025 14:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

Tgt Ion:114 Resp: 248505

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.0
88	16.5	0.0	34.2

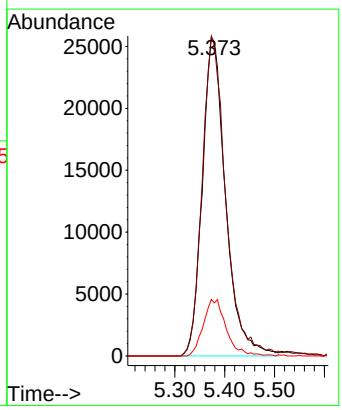


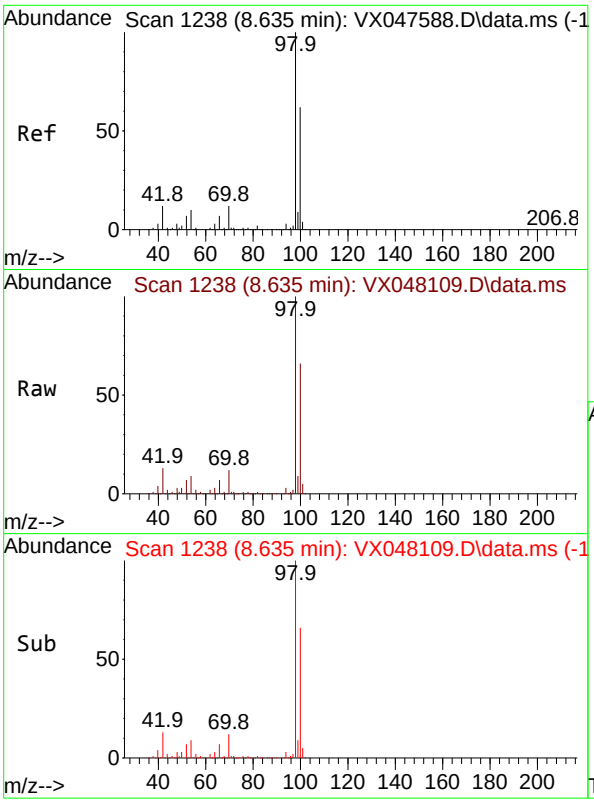


#35
Dibromofluoromethane
Concen: 50.213 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048109.D
Acq: 10 Oct 2025 14:12

Tgt Ion:113 Resp: 83685

Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.9	121.3
192	17.4	14.2	21.4



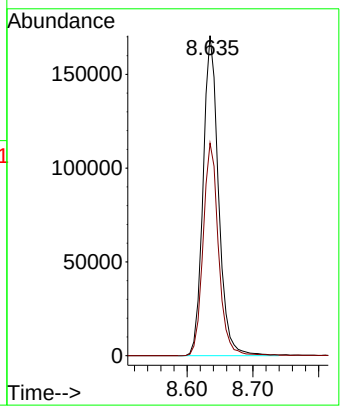


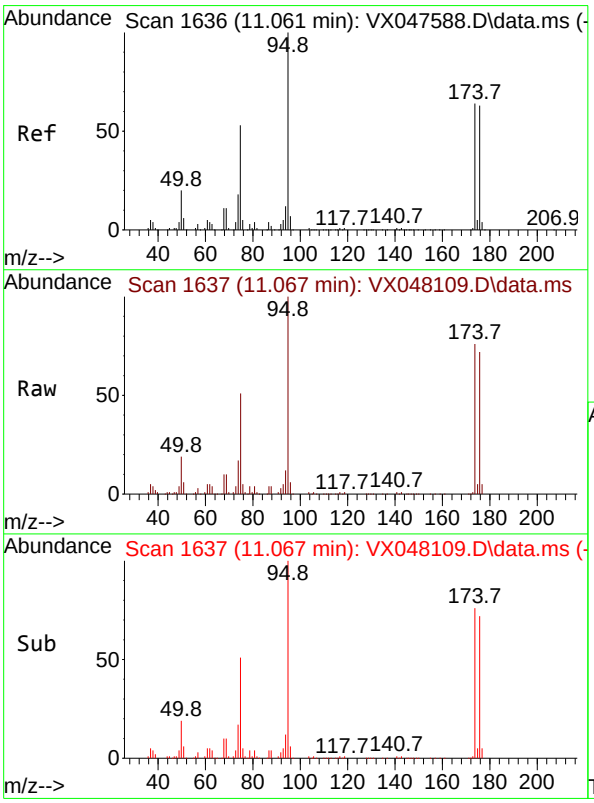
#50
Toluene-d8
Concen: 48.367 ug/l
RT: 8.635 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048109.D
Acq: 10 Oct 2025 14:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

Tgt Ion: 98 Resp: 278924

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

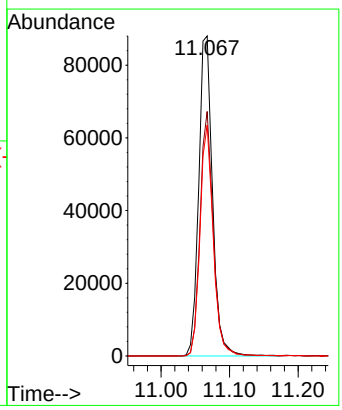


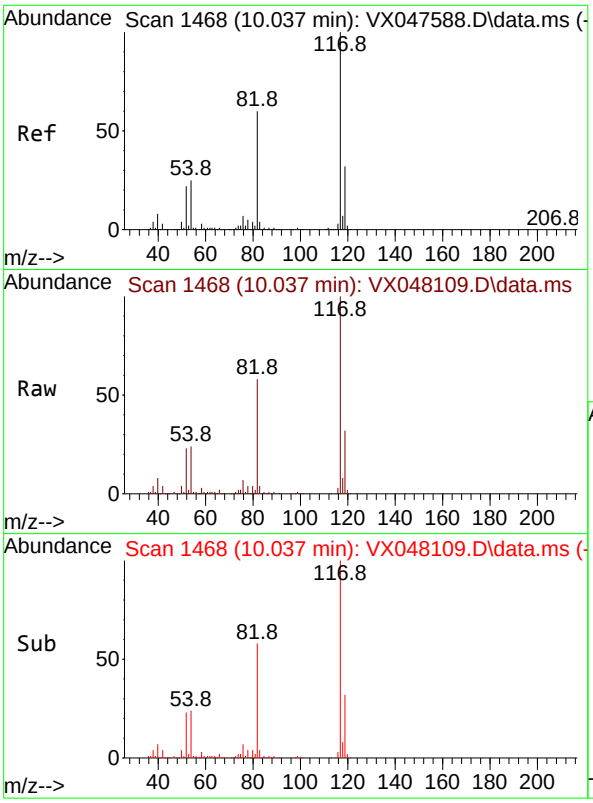


#62
4-Bromofluorobenzene
Concen: 56.409 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048109.D
Acq: 10 Oct 2025 14:12

Tgt Ion: 95 Resp: 123457

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	141.6
176	69.1	0.0	138.4



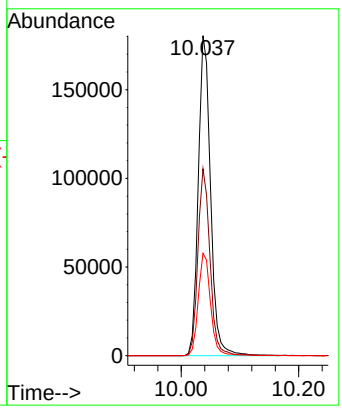


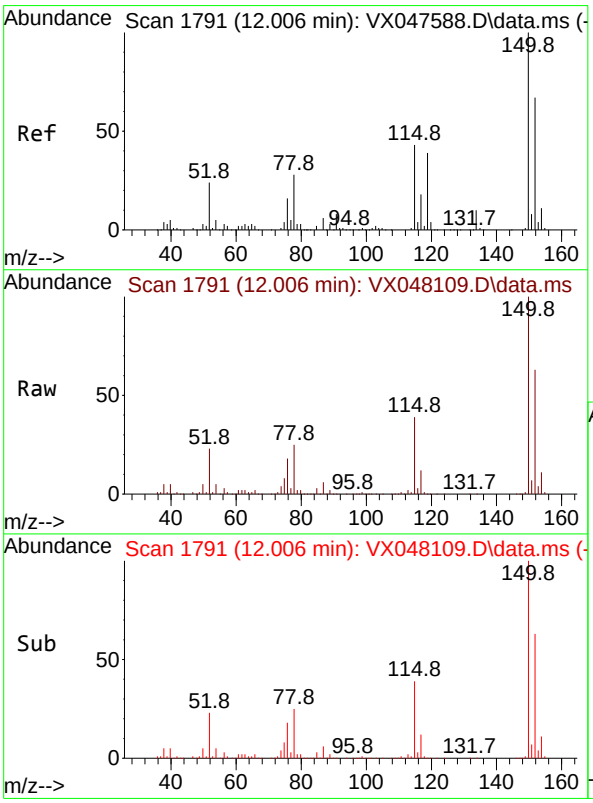
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048109.D
Acq: 10 Oct 2025 14:12

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

Tgt Ion:117 Resp: 261947

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	32.0	25.2	37.8

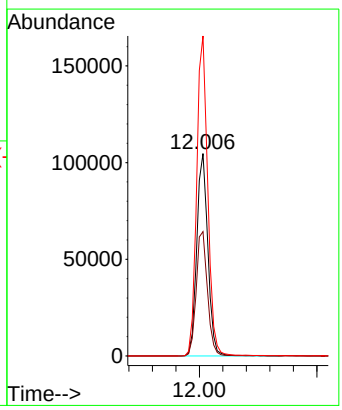




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048109.D
Acq: 10 Oct 2025 14:12

Tgt Ion:152 Resp: 136698

Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.9	134.5
150	157.9	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048109.D
Acq On : 10 Oct 2025 14:12
Operator : JC/MD
Sample : Q3324-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

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: VX048109.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.154	7	11	22	rVB2	15736	22313	2.57%	0.483%
2	1.380	43	48	54	rBV2	7775	12003	1.38%	0.260%
3	5.373	692	703	720	rBV2	83832	273753	31.50%	5.926%
4	5.544	720	731	750	rVB	119144	375143	43.16%	8.120%
5	5.946	786	797	818	rBV	93954	280386	32.26%	6.069%
6	6.751	919	929	948	rBV	227988	597177	68.71%	12.926%
7	8.635	1231	1238	1256	rBV	457944	758103	87.22%	16.410%
8	9.263	1336	1341	1348	rVB4	5214	8746	1.01%	0.189%
9	10.037	1462	1468	1486	rBV	576487	827222	95.17%	17.906%
10	11.067	1631	1637	1651	rBV	422693	595780	68.55%	12.896%
11	12.006	1785	1791	1812	rBV	650398	869165	100.00%	18.814%

Sum of corrected areas: 4619791

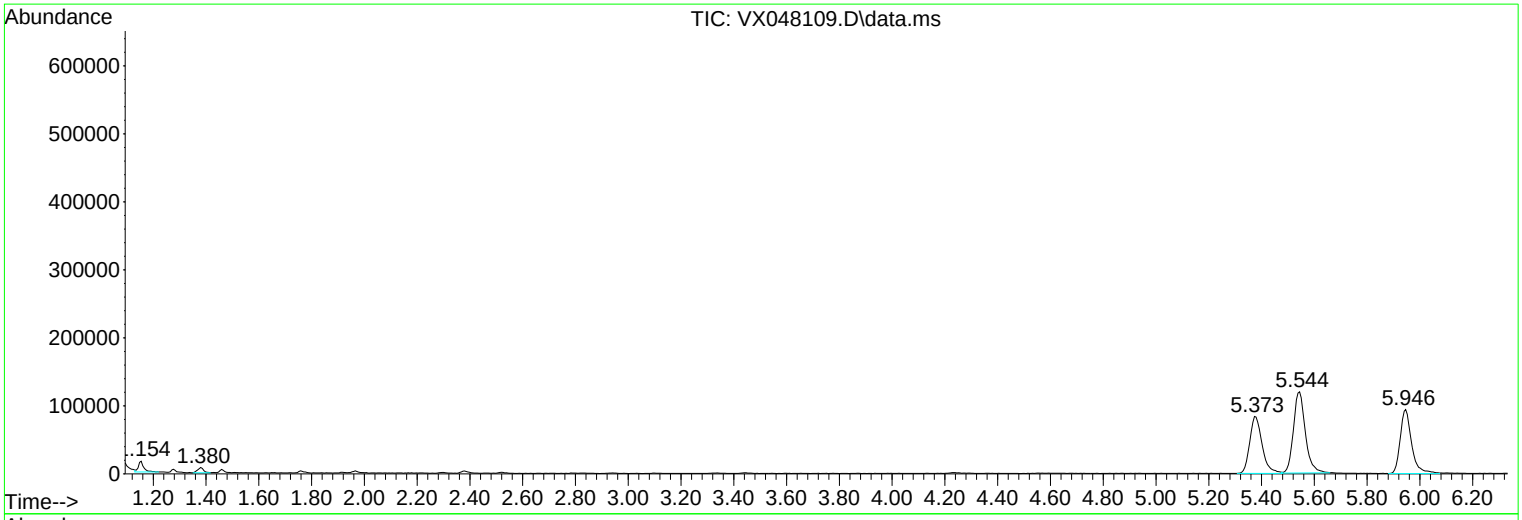
Sample Results: **VX048109.D**

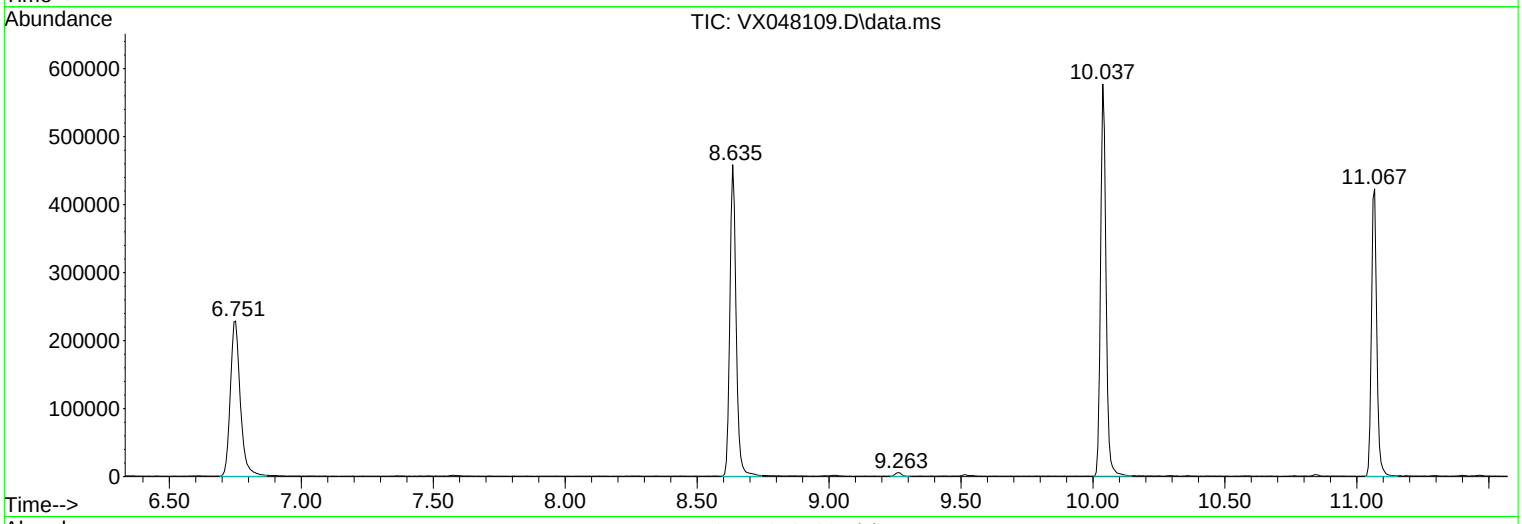
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048109.D
Acq On : 10 Oct 2025 14:12
Operator : JC/MD
Sample : Q3324-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

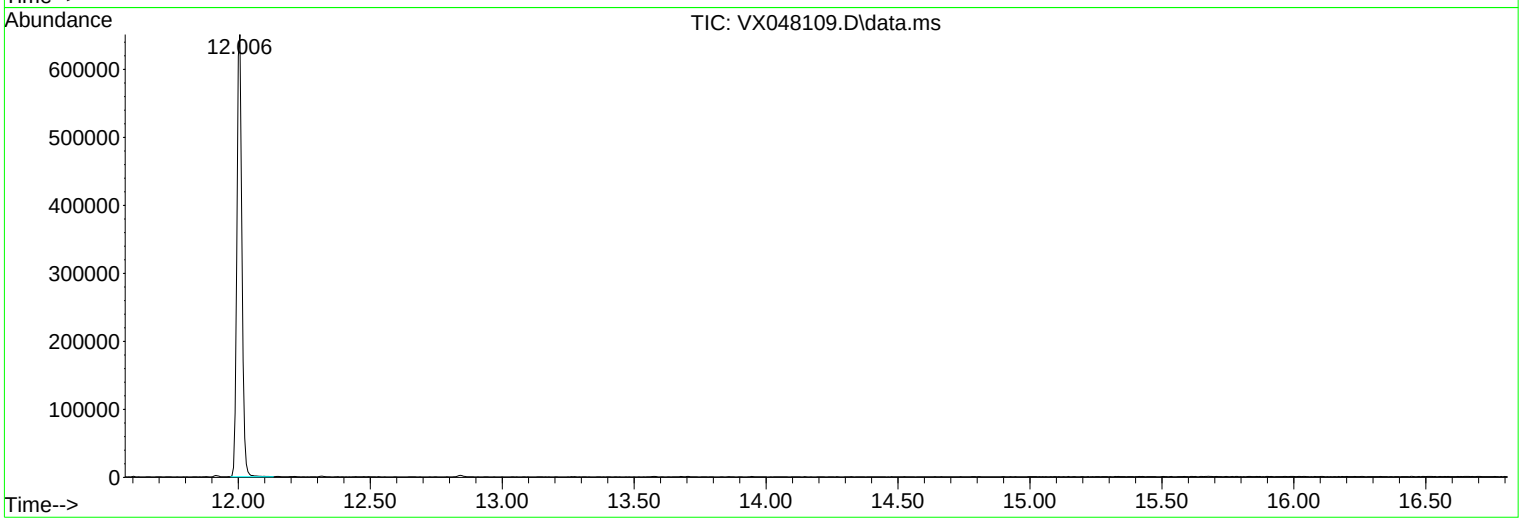
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

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 : VX048109.D
Acq On : 10 Oct 2025 14:12
Operator : JC/MD
Sample : Q3324-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

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 : VX048109.D
Acq On : 10 Oct 2025 14:12
Operator : JC/MD
Sample : Q3324-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-840-842

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:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-860-862	SDG No.:	Q3324
Lab Sample ID:	Q3324-07	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 15:13	VX101025
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/10/25 15:13	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 15:13	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 15:13	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 15:13	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 15:13	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 15:13	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 15:13	VX101025
67-64-1	Acetone	4.90	J	1	1.50	3.80	5.00	ug/L	10/10/25 15:13	VX101025
75-15-0	Carbon Disulfide	0.41	J	1	0.21	0.75	1.00	ug/L	10/10/25 15:13	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 15:13	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 15:13	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 15:13	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 15:13	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 15:13	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 15:13	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 15:13	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 15:13	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 15:13	VX101025
74-97-5	Bromochloromethane	0.50	UQ	1	0.22	0.50	1.00	ug/L	10/10/25 15:13	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 15:13	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 15:13	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 15:13	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 15:13	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 15:13	VX101025
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/10/25 15:13	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 15:13	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 15:13	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 15:13	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 15:13	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 15:13	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 15:13	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 15:13	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 15:13	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 15:13	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 15:13	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 15:13	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 15:13	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 15:13	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 15:13	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 15:13	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 15:13	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 15:13	VX101025

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-860-862	SDG No.:	Q3324
Lab Sample ID:	Q3324-07	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 15:13	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 15:13	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 15:13	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 15:13	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 15:13	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 15:13	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 15:13	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 15:13	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	54.1			81 - 118		108%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.6			80 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	48.7			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.9			85 - 114		112%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	119000								
540-36-3	1,4-Difluorobenzene	249000								
3114-55-4	Chlorobenzene-d5	262000								
3855-82-1	1,4-Dichlorobenzene-d4	131000								
TENTATIVE IDENTIFIED COMPOUNDS										
75-43-4	Dichlorofluoromethane	N.D								

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 : VX048112.D
Acq On : 10 Oct 2025 15:13
Operator : JC/MD
Sample : Q3324-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

Quant Time: Oct 10 23:49:39 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

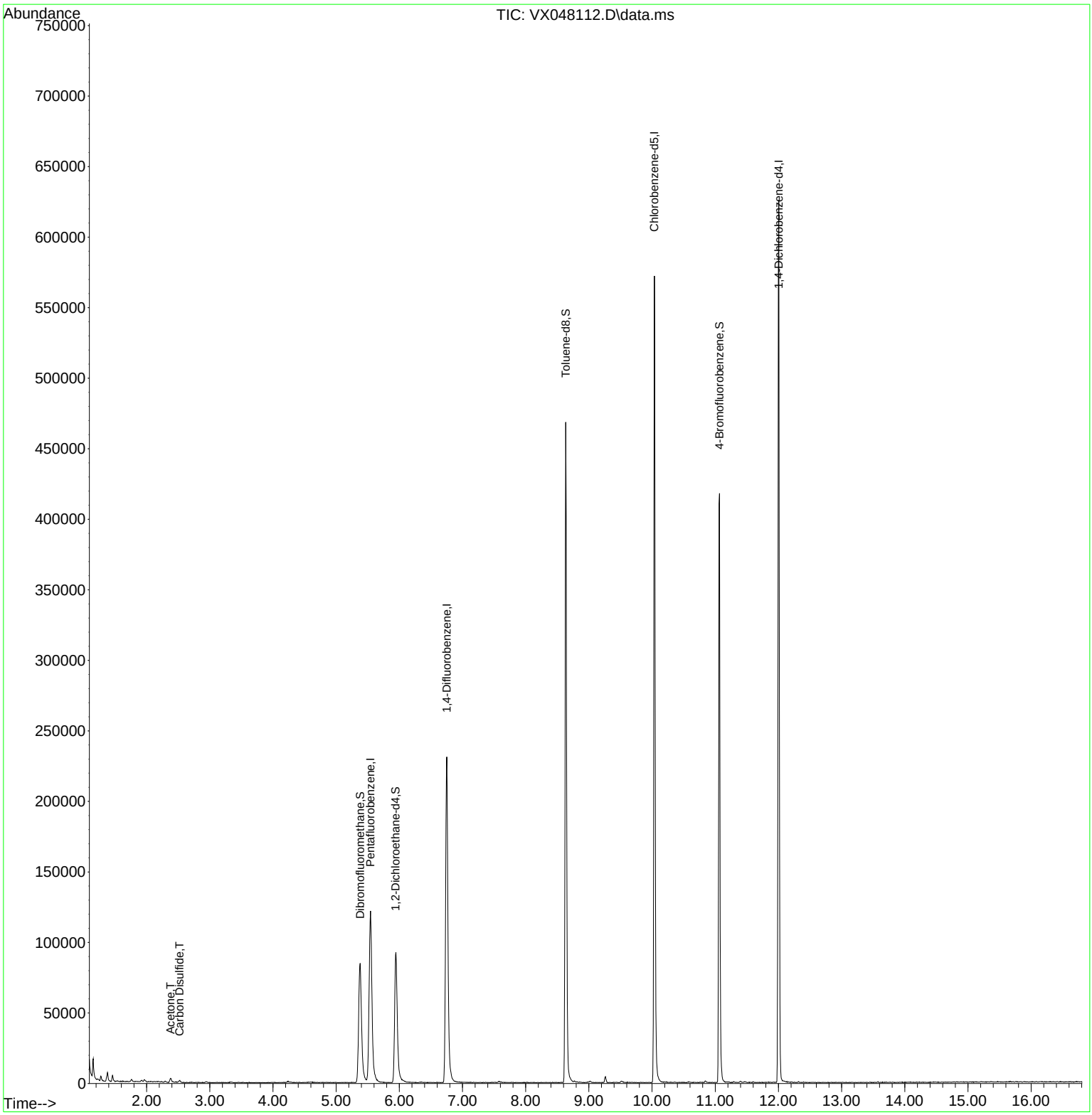
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	118979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	249066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102388	54.064	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.120%			
35) Dibromofluoromethane	5.379	113	82913	49.637	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.280%			
50) Toluene-d8	8.635	98	281261	48.663	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.320%			
62) 4-Bromofluorobenzene	11.067	95	122524	55.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.720%			
Target Compounds						Qvalue
16) Acetone	2.380	43	4046	4.913	ug/l	91
17) Carbon Disulfide	2.520	76	1577	0.408	ug/l #	90

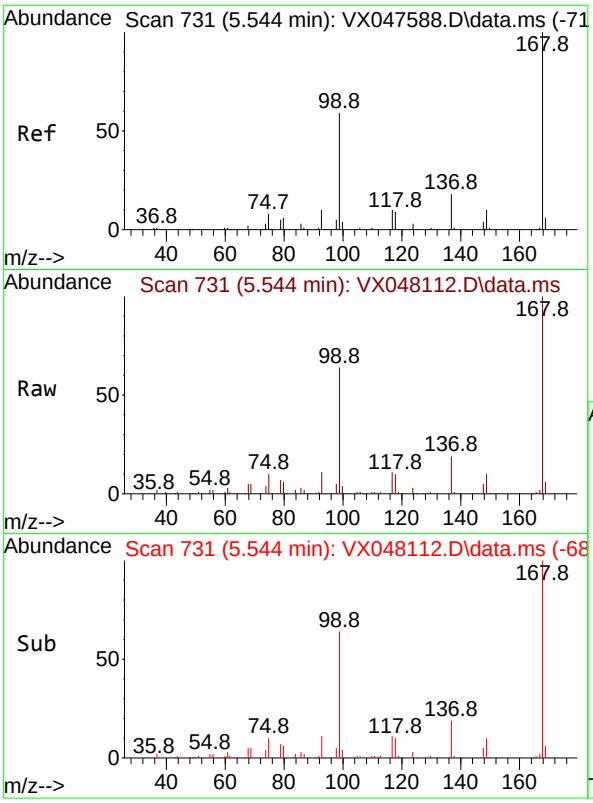
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048112.D
Acq On : 10 Oct 2025 15:13
Operator : JC/MD
Sample : Q3324-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

Quant Time: Oct 10 23:49:39 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



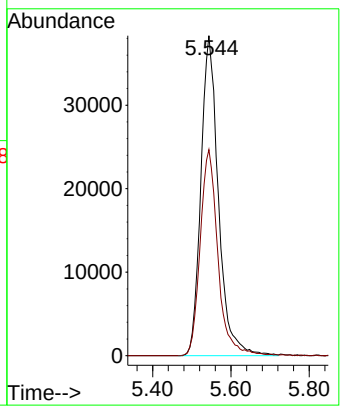


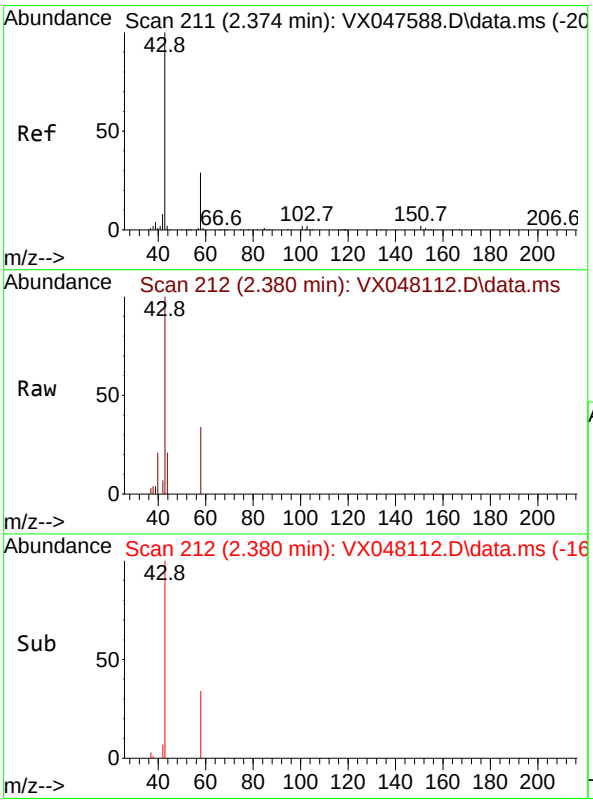
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

Tgt Ion:168 Resp: 118979

Ion	Ratio	Lower	Upper
168	100		
99	64.4	48.8	73.2

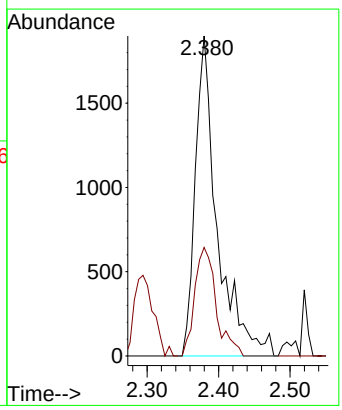


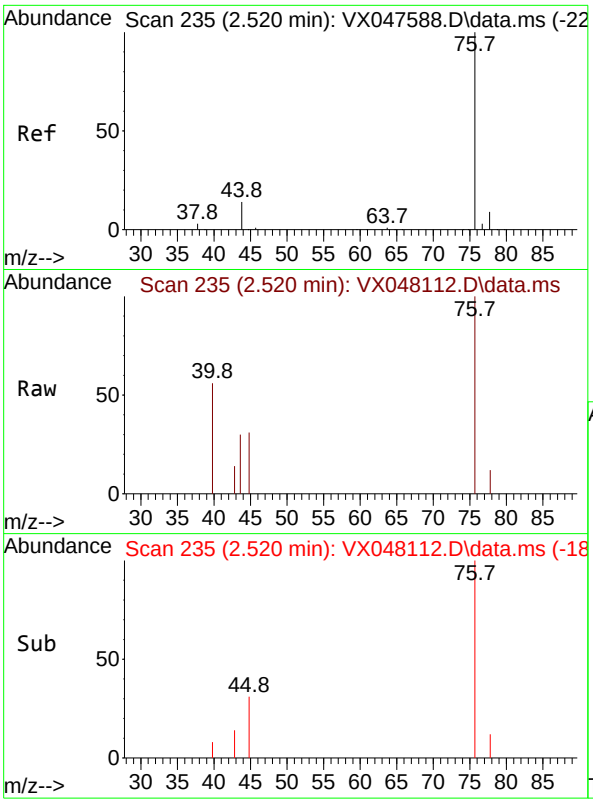


#16
Acetone
Concen: 4.913 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion: 43 Resp: 4046

Ion	Ratio	Lower	Upper
43	100		
58	33.9	23.4	35.0



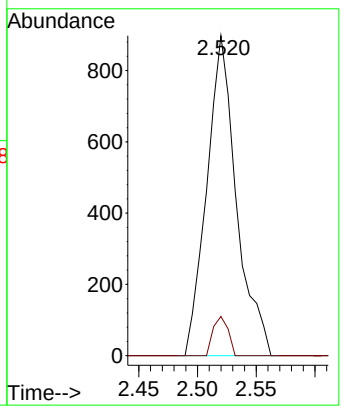


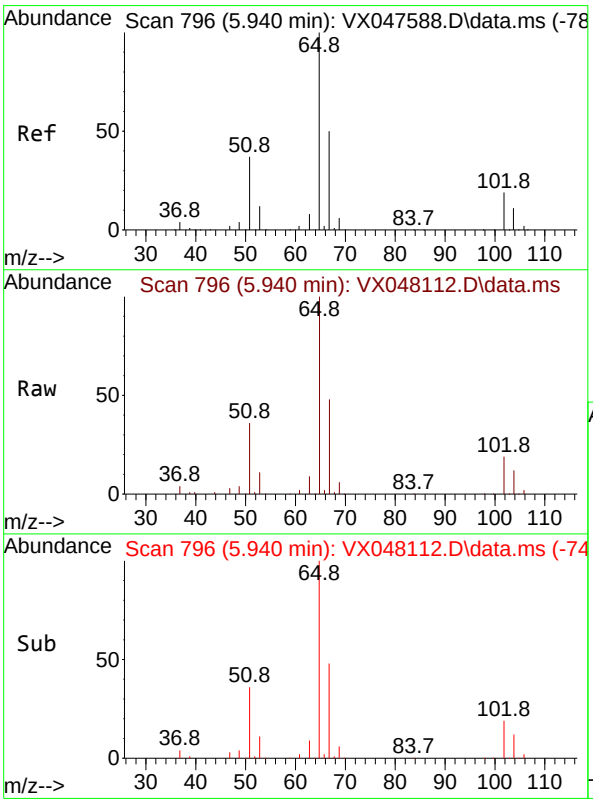
#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

Tgt Ion: 76 Resp: 1577

Ion	Ratio	Lower	Upper
76	100		
78	12.2	6.8	10.2#

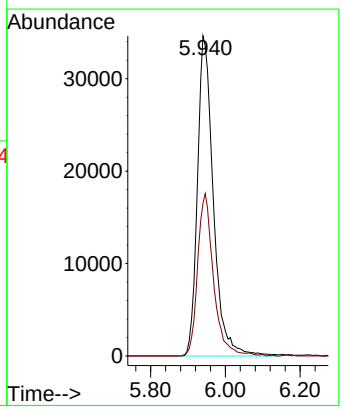


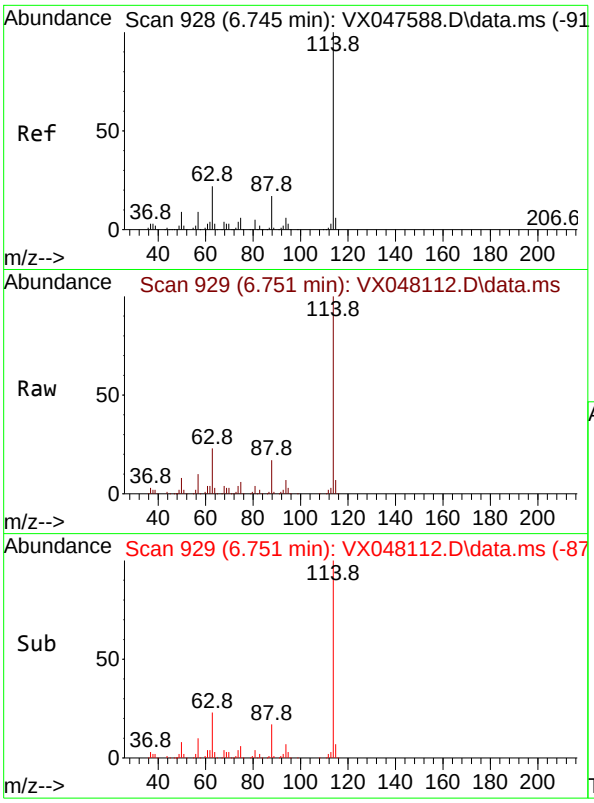


#33
1,2-Dichloroethane-d4
Concen: 54.064 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion: 65 Resp: 102388

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	103.0



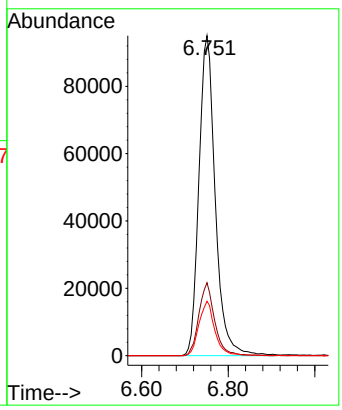


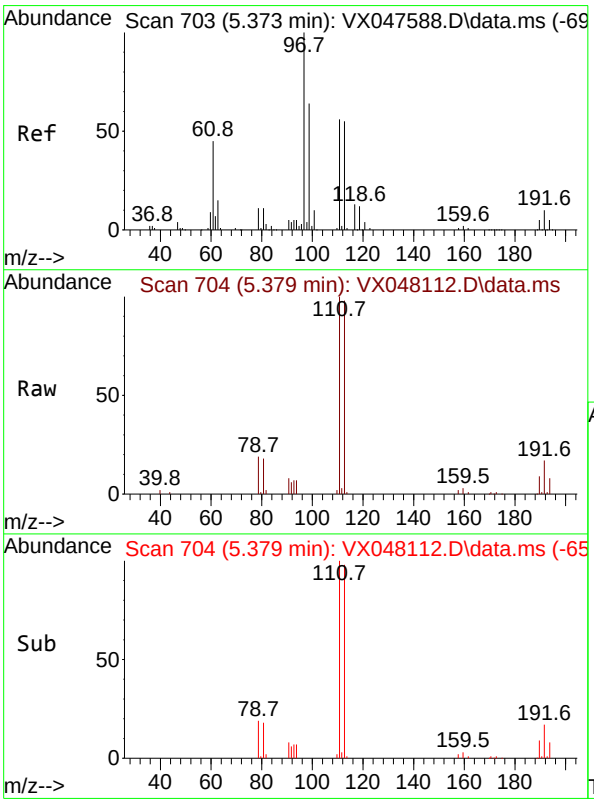
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

Tgt Ion:114 Resp: 249066

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.0
88	17.0	0.0	34.2

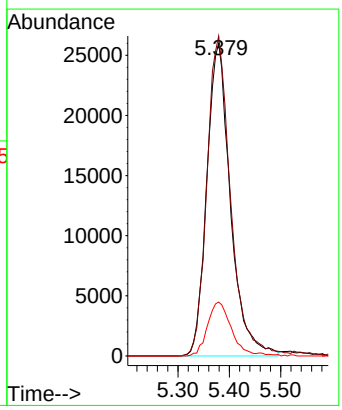


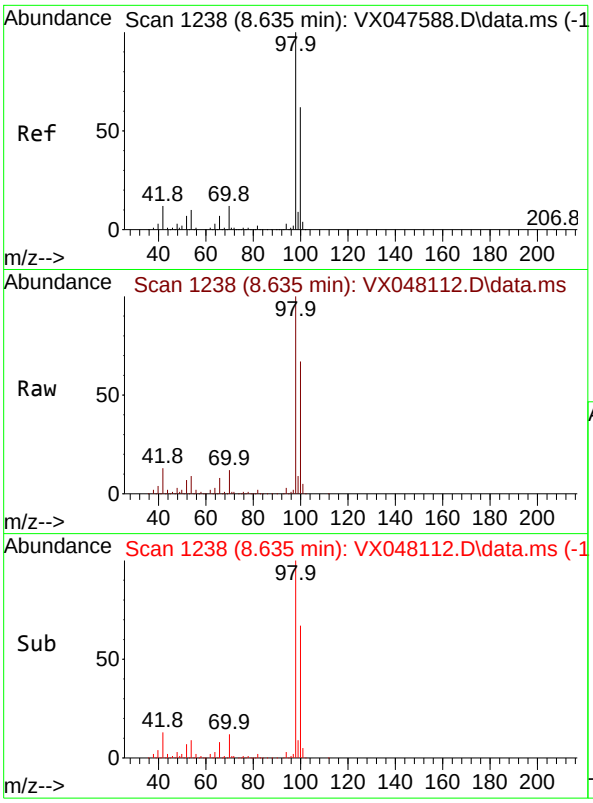


#35
Dibromofluoromethane
Concen: 49.637 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion:113 Resp: 82913

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.9	121.3
192	17.1	14.2	21.4



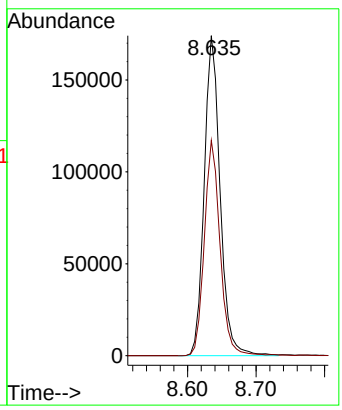


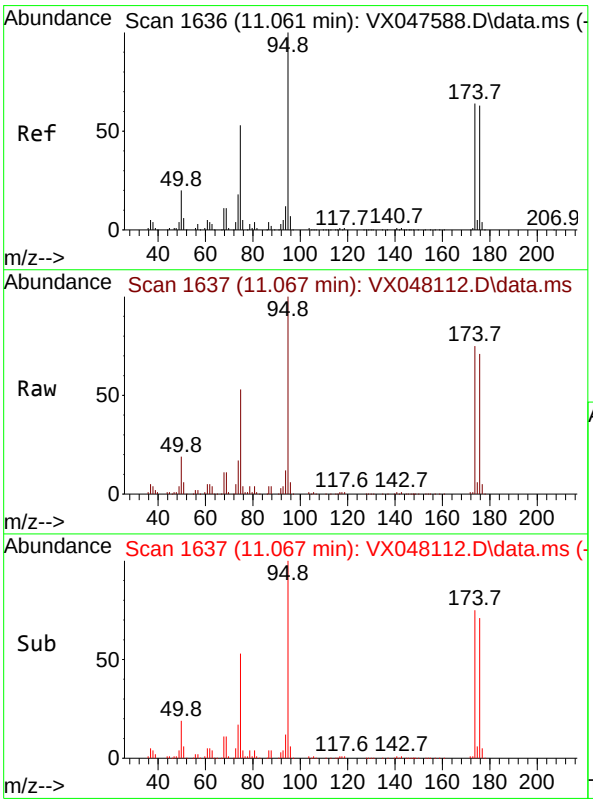
#50
Toluene-d8
Concen: 48.663 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

Tgt Ion: 98 Resp: 281261

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.4

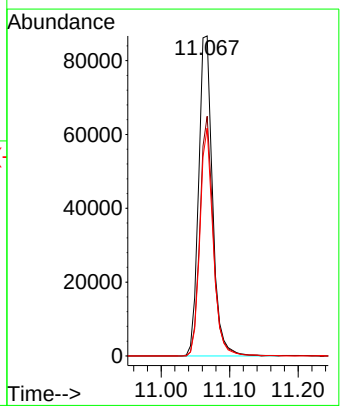


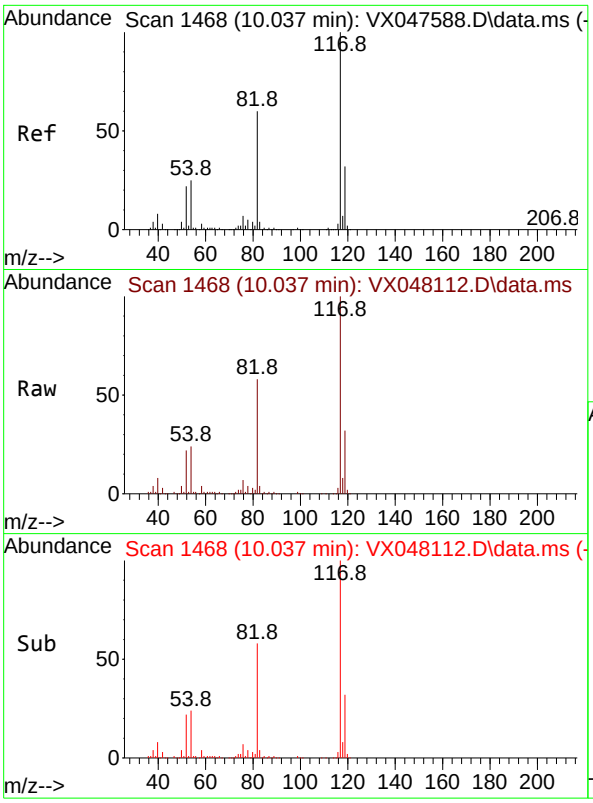


#62
4-Bromofluorobenzene
Concen: 55.857 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion: 95 Resp: 122524

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	141.6
176	68.0	0.0	138.4



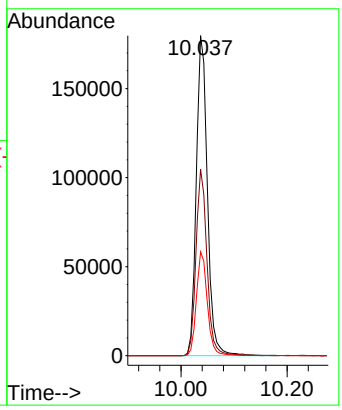


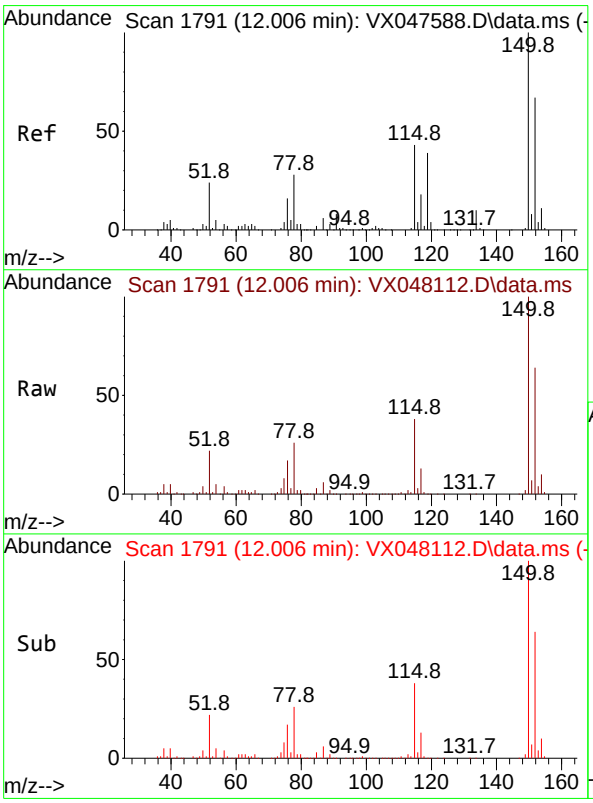
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

Tgt Ion:117 Resp: 261922

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.8	71.6
119	32.5	25.2	37.8

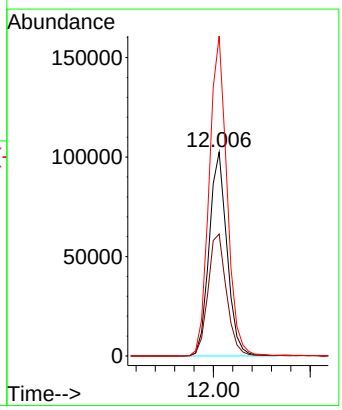




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion:152 Resp: 131287

Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.9	134.5
150	157.3	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048112.D
Acq On : 10 Oct 2025 15:13
Operator : JC/MD
Sample : Q3324-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

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: VX048112.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.154	8	11	19	rVB2	14726	19826	2.39%	0.434%
2	1.380	42	48	55	rBV2	6275	9956	1.20%	0.218%
3	5.379	691	704	721	rBV3	84639	273947	32.98%	5.997%
4	5.544	721	731	754	rVB	121200	376038	45.27%	8.231%
5	5.946	785	797	824	rBV	92303	276749	33.32%	6.058%
6	6.751	919	929	949	rBV	230890	602501	72.53%	13.188%
7	8.635	1231	1238	1256	rBV	468080	765536	92.16%	16.757%
8	10.037	1462	1468	1487	rBV	571760	827337	99.60%	18.110%
9	11.067	1631	1637	1652	rBV	417509	585889	70.53%	12.825%
10	12.006	1785	1791	1800	rBV	625435	830658	100.00%	18.183%

Sum of corrected areas: 4568437

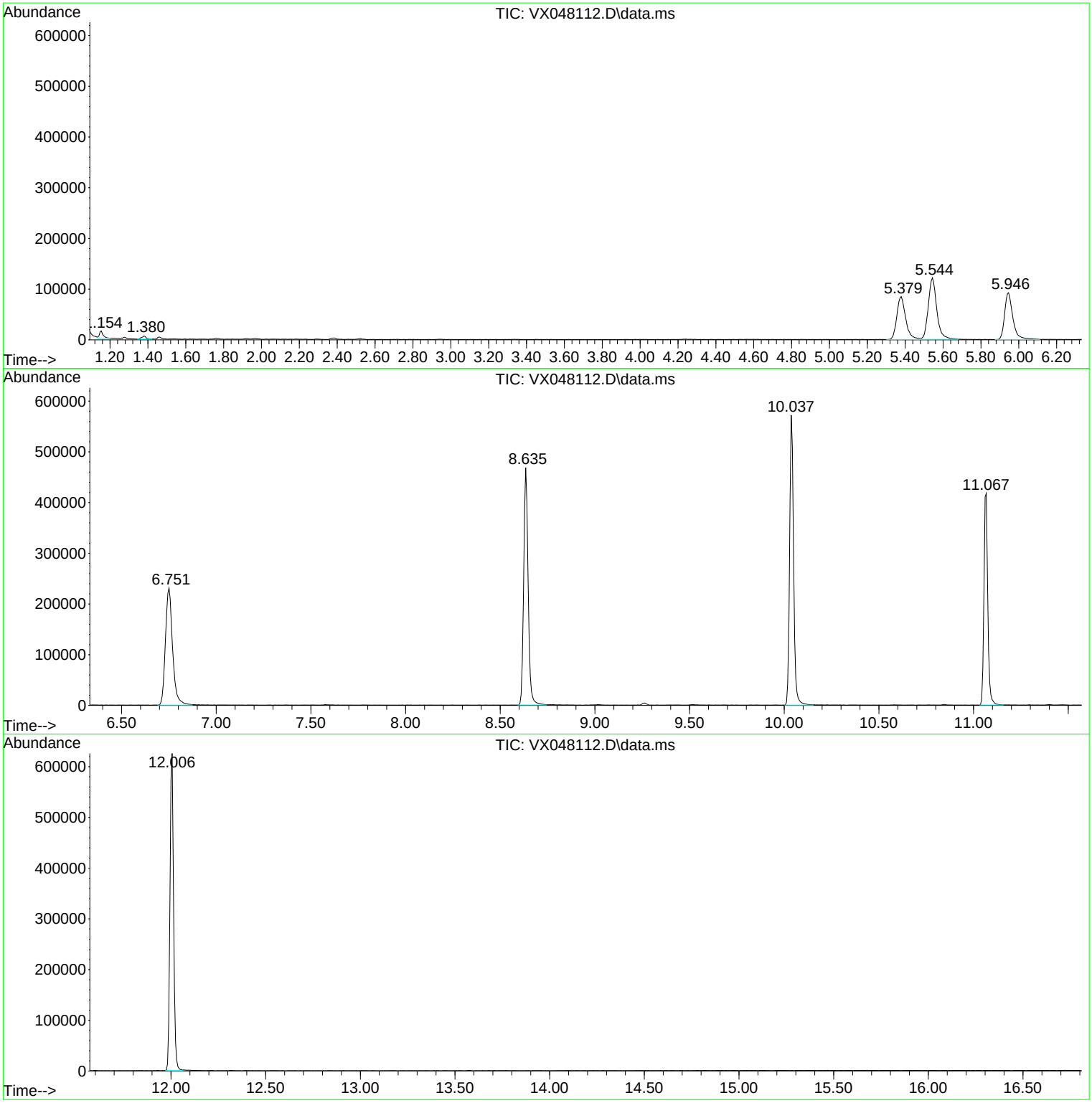
Sample Results: **VX048112.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048112.D
Acq On : 10 Oct 2025 15:13
Operator : JC/MD
Sample : Q3324-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

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 : VX048112.D
Acq On : 10 Oct 2025 15:13
Operator : JC/MD
Sample : Q3324-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

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 : VX048112.D
Acq On : 10 Oct 2025 15:13
Operator : JC/MD
Sample : Q3324-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

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:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-DUP-2025100	SDG No.:	Q3324
Lab Sample ID:	Q3324-08	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 12:05	VX101325
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/13/25 12:05	VX101325
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/13/25 12:05	VX101325
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/13/25 12:05	VX101325
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/13/25 12:05	VX101325
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/13/25 12:05	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 12:05	VX101325
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/13/25 12:05	VX101325
67-64-1	Acetone	5.20		1	1.50	3.80	5.00	ug/L	10/13/25 12:05	VX101325
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/13/25 12:05	VX101325
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 12:05	VX101325
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/13/25 12:05	VX101325
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/13/25 12:05	VX101325
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 12:05	VX101325
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 12:05	VX101325
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/13/25 12:05	VX101325
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/13/25 12:05	VX101325
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 12:05	VX101325
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/13/25 12:05	VX101325
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 12:05	VX101325
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 12:05	VX101325
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 12:05	VX101325
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 12:05	VX101325
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 12:05	VX101325
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 12:05	VX101325
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/13/25 12:05	VX101325
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 12:05	VX101325
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 12:05	VX101325
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/13/25 12:05	VX101325
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/13/25 12:05	VX101325
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/13/25 12:05	VX101325
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 12:05	VX101325
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/13/25 12:05	VX101325
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/13/25 12:05	VX101325
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/13/25 12:05	VX101325
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 12:05	VX101325
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 12:05	VX101325
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 12:05	VX101325
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/13/25 12:05	VX101325
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/13/25 12:05	VX101325
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 12:05	VX101325
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 12:05	VX101325
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 12:05	VX101325

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/09/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-DUP-2025100	SDG No.:	Q3324
Lab Sample ID:	Q3324-08	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 12:05	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/13/25 12:05	VX101325
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 12:05	VX101325
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 12:05	VX101325
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 12:05	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/13/25 12:05	VX101325
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 12:05	VX101325
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/13/25 12:05	VX101325
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	52.0			81 - 118		104%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.8			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	48.4			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	56.7			85 - 114		113%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	134000								
540-36-3	1,4-Difluorobenzene	276000								
3114-55-4	Chlorobenzene-d5	290000								
3855-82-1	1,4-Dichlorobenzene-d4	147000								
TENTATIVE IDENTIFIED COMPOUNDS										
75-43-4	Dichlorofluoromethane	N.D								

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 : VX048133.D
Acq On : 13 Oct 2025 12:05
Operator : JC/MD
Sample : Q3324-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Quant Time: Oct 14 01:52:41 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

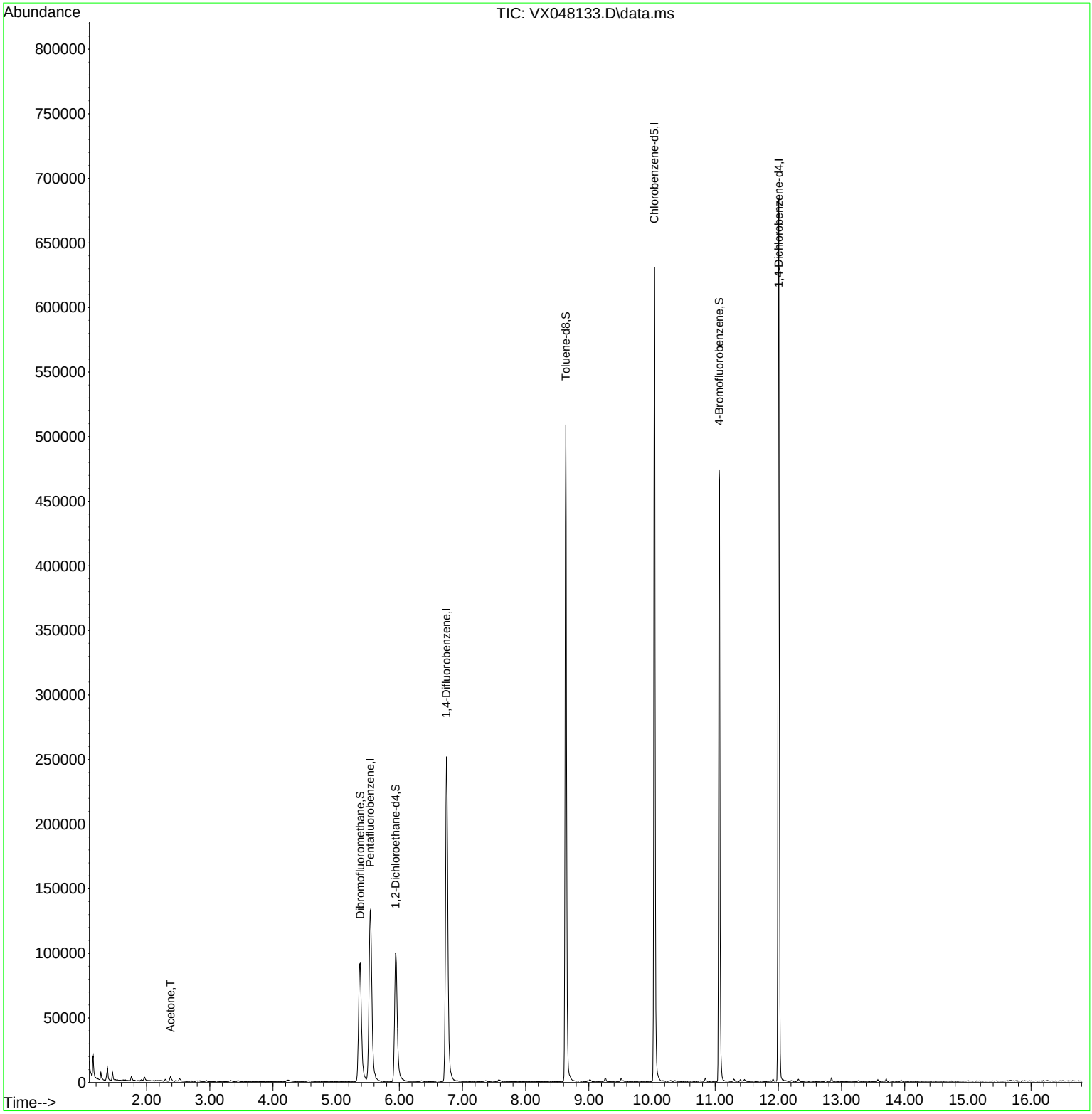
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	134129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	276039	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	289836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	147242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	111025	52.002	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.000%			
35) Dibromofluoromethane	5.379	113	90378	48.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.640%			
50) Toluene-d8	8.635	98	309909	48.380	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.760%			
62) 4-Bromofluorobenzene	11.061	95	137869	56.711	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.420%			
Target Compounds						Qvalue
16) Acetone	2.380	43	4852	5.227	ug/l	98

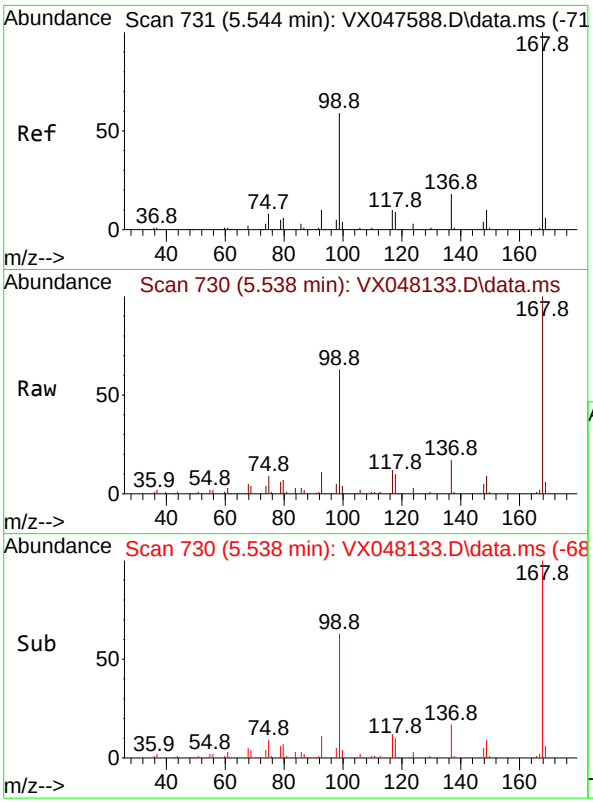
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048133.D
Acq On : 13 Oct 2025 12:05
Operator : JC/MD
Sample : Q3324-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Quant Time: Oct 14 01:52:41 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



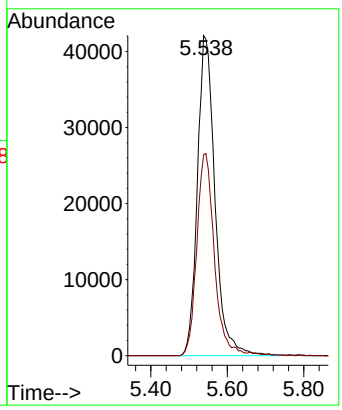


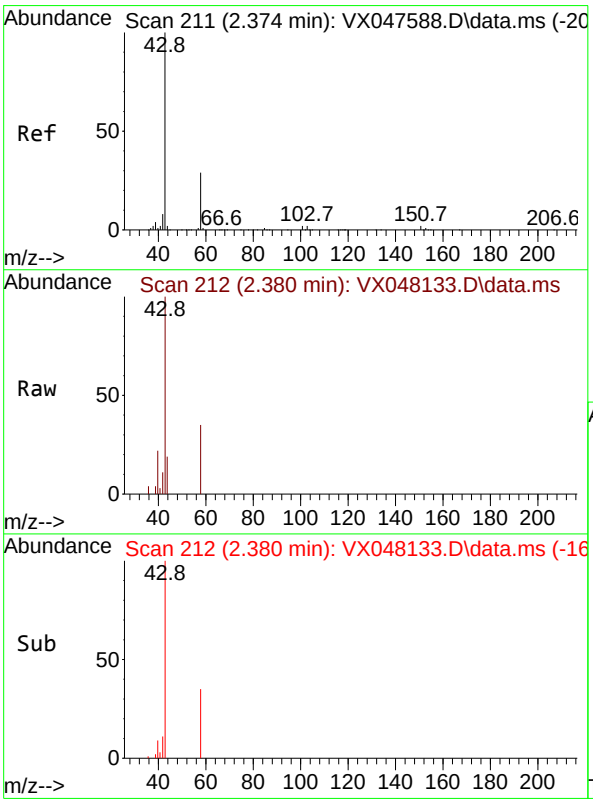
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Tgt Ion:168 Resp: 134129

Ion	Ratio	Lower	Upper
168	100		
99	62.8	48.8	73.2

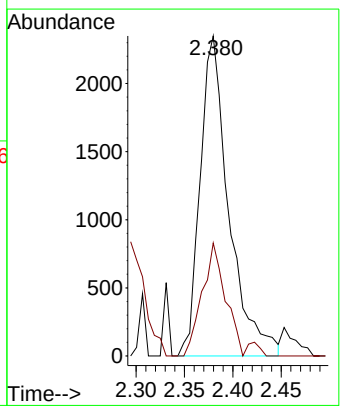


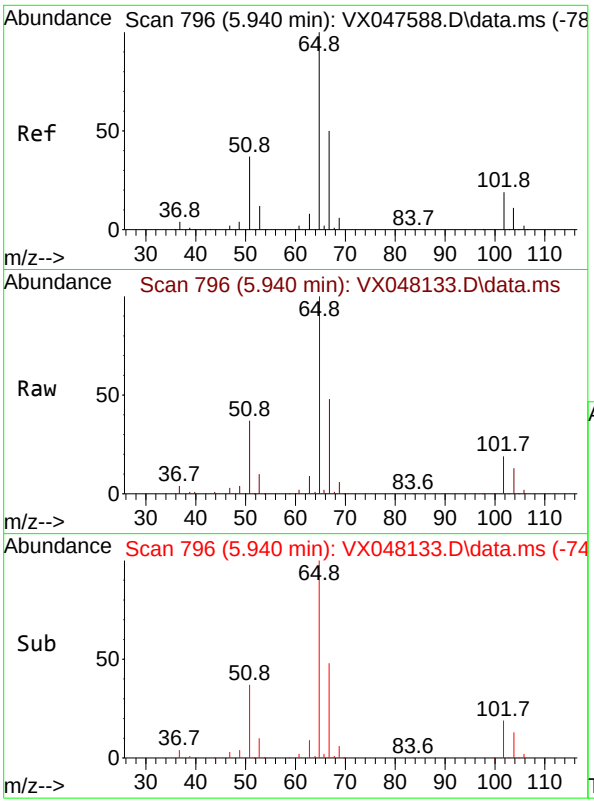


#16
Acetone
Concen: 5.227 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

Tgt Ion: 43 Resp: 4852

Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.4	35.0



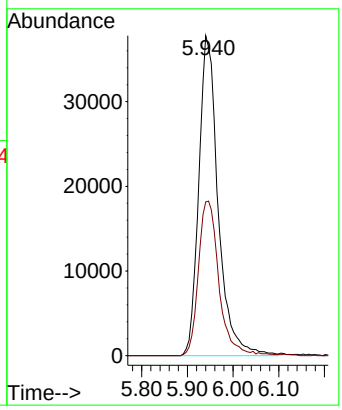


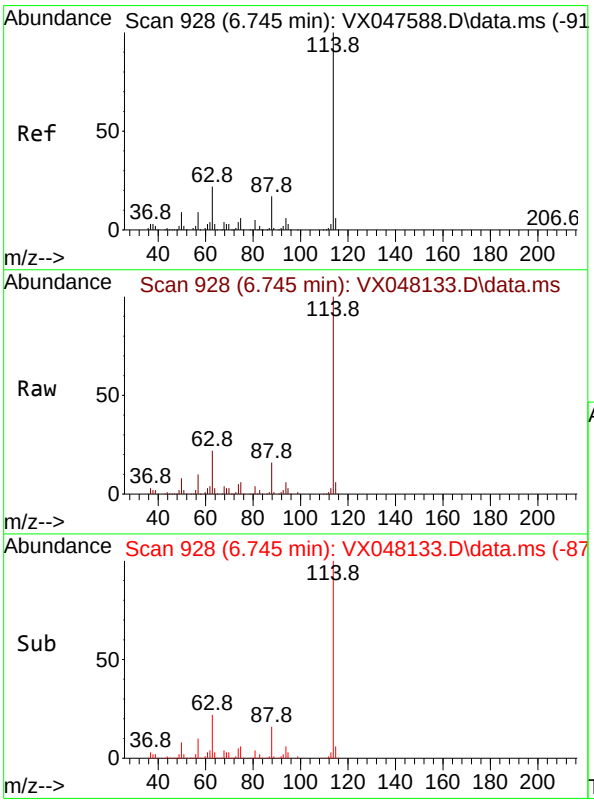
#33
1,2-Dichloroethane-d4
Concen: 52.002 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Tgt Ion: 65 Resp: 111025

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0

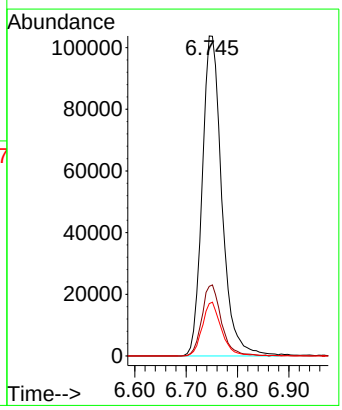


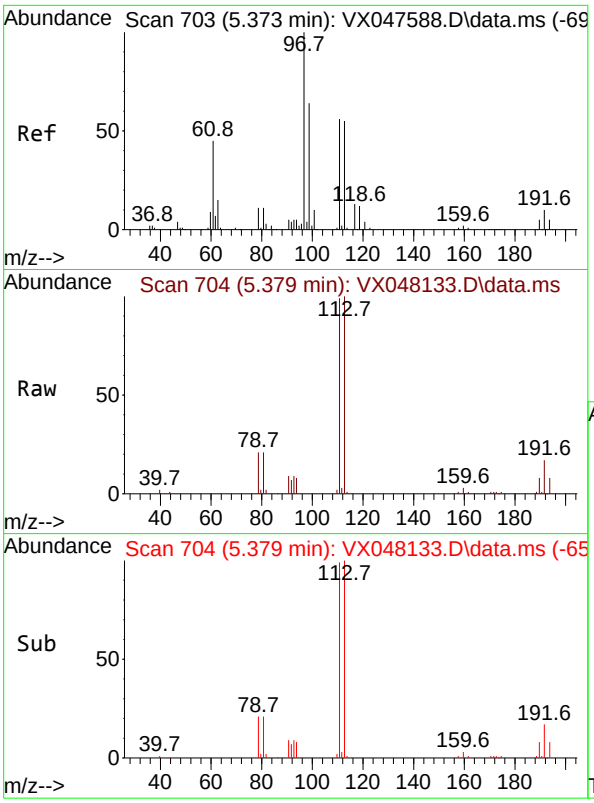


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

Tgt Ion:114 Resp: 276039

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	16.3	0.0	34.2



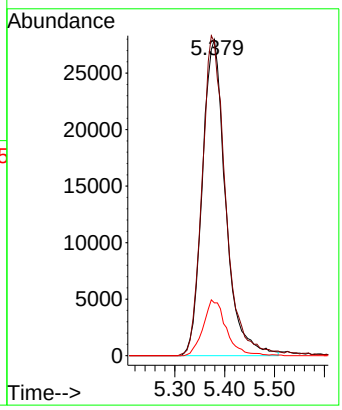


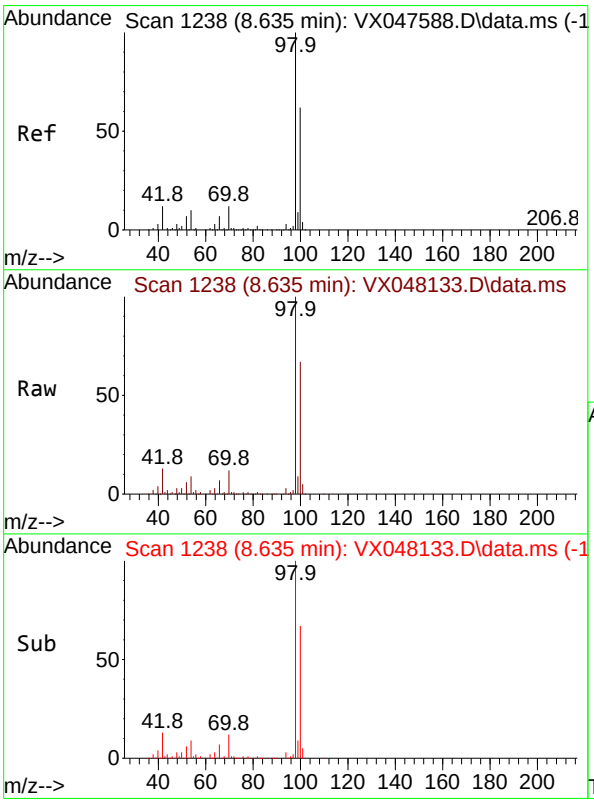
#35
Dibromofluoromethane
Concen: 48.819 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Tgt Ion:113 Resp: 90378

Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.9	121.3
192	17.6	14.2	21.4

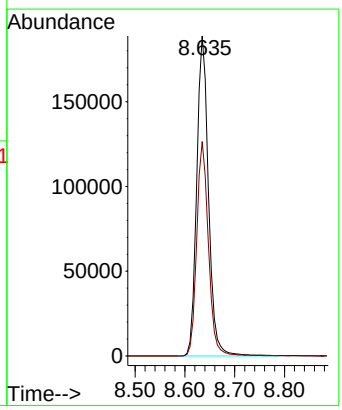


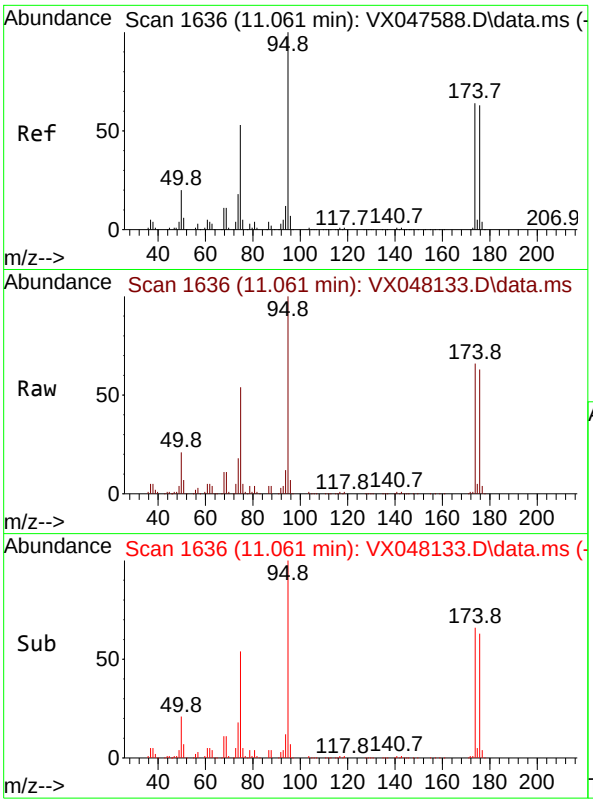


#50
Toluene-d8
Concen: 48.380 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

Tgt Ion: 98 Resp: 309909

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



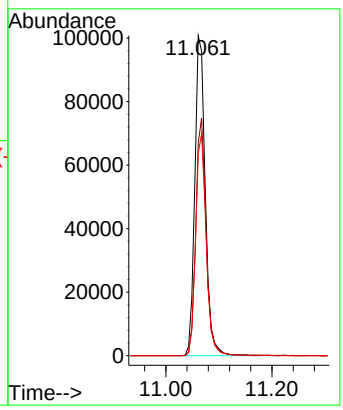


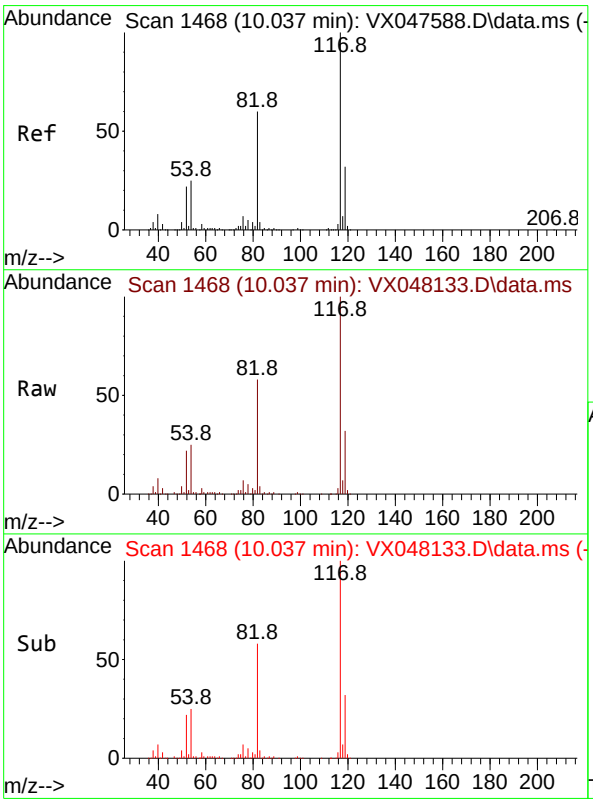
#62
4-Bromofluorobenzene
Concen: 56.711 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Tgt Ion: 95 Resp: 137869

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	141.6
176	69.1	0.0	138.4

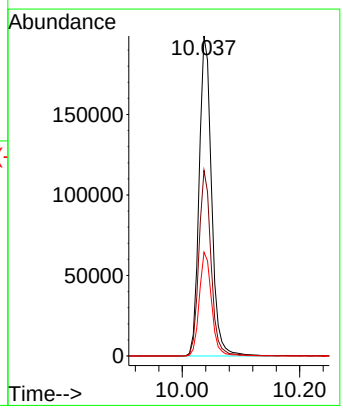


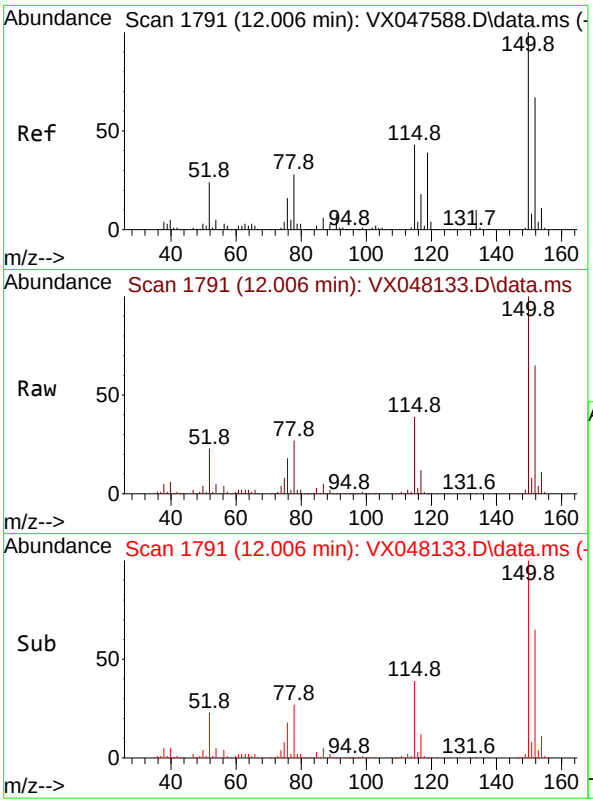


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

Tgt Ion:117 Resp: 289836

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.8	71.6
119	32.4	25.2	37.8



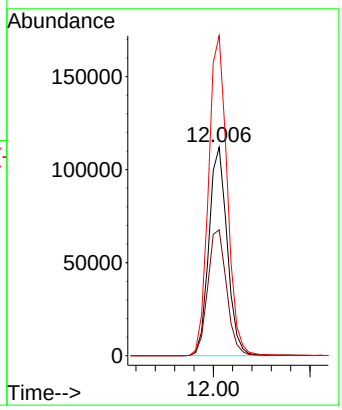


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048133.D
Acq: 13 Oct 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Tgt Ion:152 Resp: 147242

Ion	Ratio	Lower	Upper
152	100		
115	62.8	44.9	134.5
150	156.6	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048133.D
Acq On : 13 Oct 2025 12:05
Operator : JC/MD
Sample : Q3324-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

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: VX048133.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.154	8	11	22	rVB	17768	23685	2.55%	0.467%
2	1.380	43	48	54	rBV2	9131	12787	1.38%	0.252%
3	5.379	692	704	720	rBV3	91685	297418	31.99%	5.869%
4	5.544	720	731	756	rVB	132646	421965	45.39%	8.327%
5	5.940	786	796	815	rBV	99999	300232	32.29%	5.925%
6	6.751	918	929	947	rBV	251529	660951	71.09%	13.043%
7	8.635	1230	1238	1263	rBV	508721	844958	90.88%	16.674%
8	10.037	1462	1468	1486	rBV	630394	913958	98.31%	18.035%
9	11.061	1631	1636	1654	rBV	473945	661930	71.20%	13.062%
10	12.006	1785	1791	1801	rBV	683122	929708	100.00%	18.346%

Sum of corrected areas: 5067592

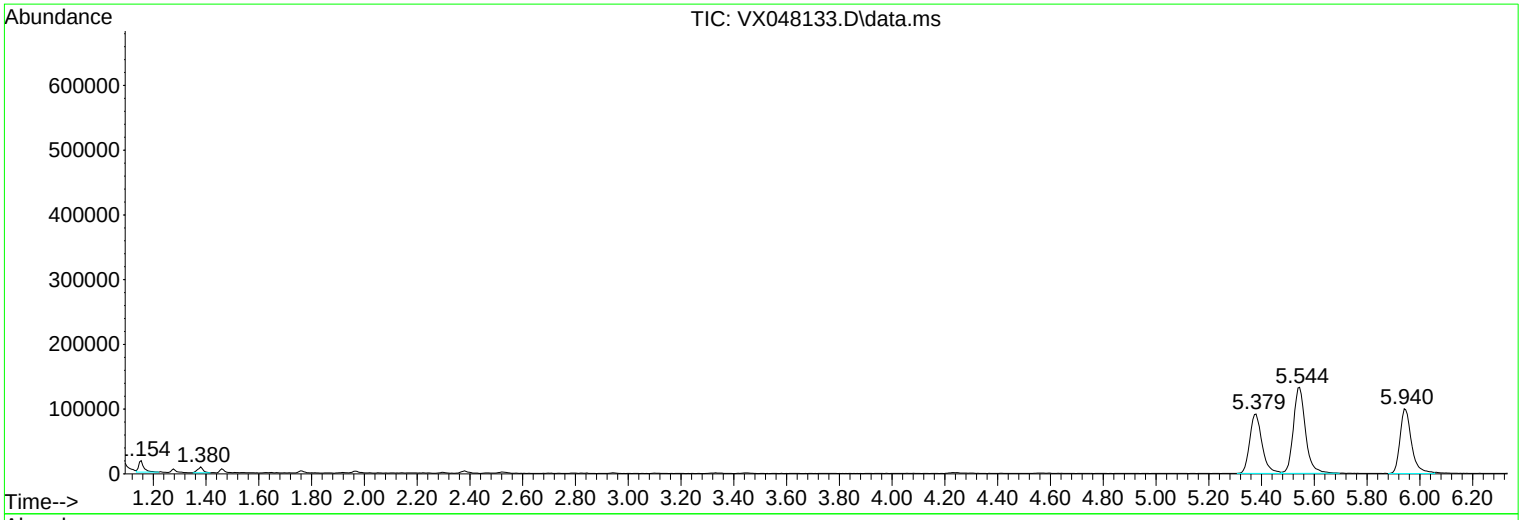
Sample Results: **VX048133.D**

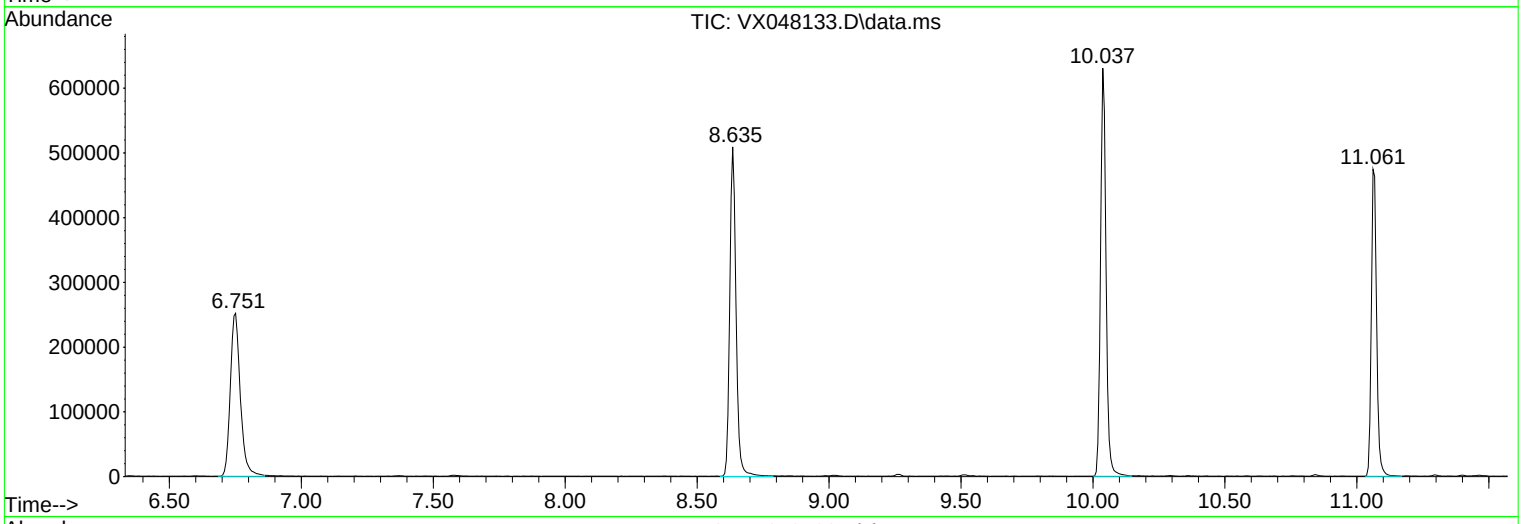
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048133.D
Acq On : 13 Oct 2025 12:05
Operator : JC/MD
Sample : Q3324-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

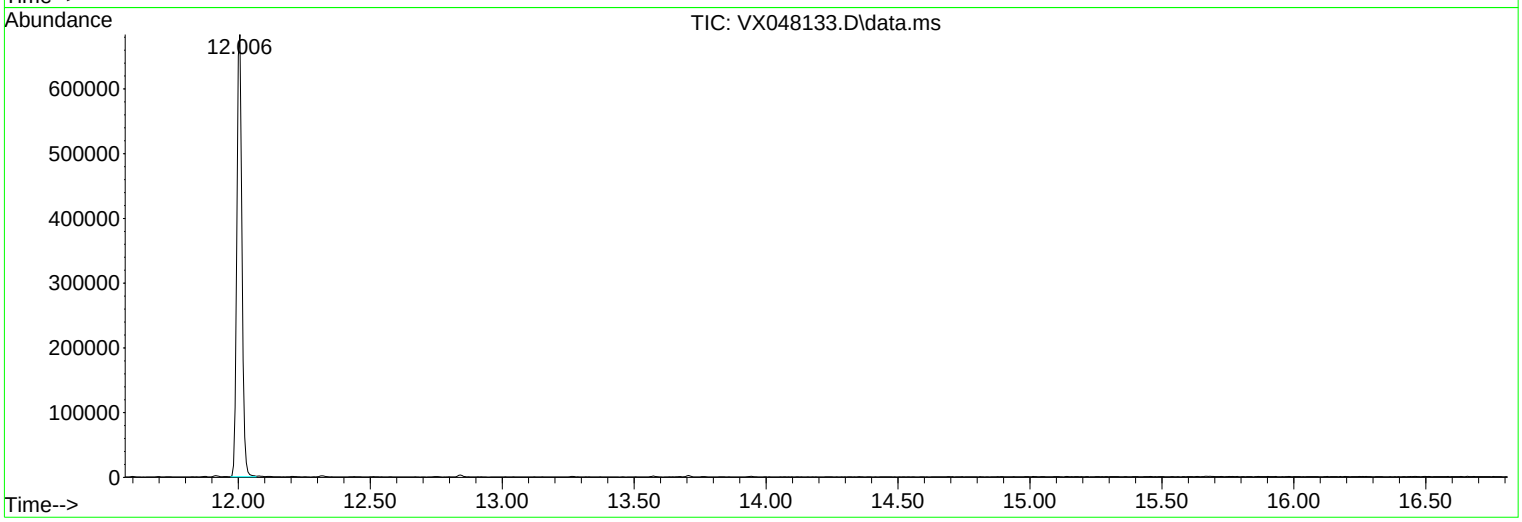
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

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 : VX048133.D
Acq On : 13 Oct 2025 12:05
Operator : JC/MD
Sample : Q3324-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

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 : VX048133.D
Acq On : 13 Oct 2025 12:05
Operator : JC/MD
Sample : Q3324-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

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:	Tetra Tech NUS, Inc.	Date Collected:	10/08/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-820-822	SDG No.:	Q3324
Lab Sample ID:	Q3324-09	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:53	VX101025
74-87-3	Chloromethane	0.35	J	1	0.32	0.50	1.00	ug/L	10/10/25 14:53	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 14:53	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 14:53	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 14:53	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 14:53	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:53	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 14:53	VX101025
67-64-1	Acetone	11.9		1	1.50	3.80	5.00	ug/L	10/10/25 14:53	VX101025
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/10/25 14:53	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:53	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 14:53	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 14:53	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:53	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:53	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 14:53	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 14:53	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:53	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 14:53	VX101025
74-97-5	Bromochloromethane	0.50	UQ	1	0.22	0.50	1.00	ug/L	10/10/25 14:53	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 14:53	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:53	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:53	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:53	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:53	VX101025
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/10/25 14:53	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:53	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 14:53	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 14:53	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 14:53	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 14:53	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:53	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 14:53	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 14:53	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 14:53	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:53	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 14:53	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:53	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 14:53	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 14:53	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:53	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 14:53	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 14:53	VX101025

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	10/08/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	10/09/25
Client Sample ID:	BP-VPB-184-GW-820-822	SDG No.:	Q3324
Lab Sample ID:	Q3324-09	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 14:53	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 14:53	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:53	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 14:53	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 14:53	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 14:53	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 14:53	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 14:53	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	51.7			81 - 118		103%	SPK: 50		
1868-53-7	Dibromofluoromethane	49.5			80 - 119		99%	SPK: 50		
2037-26-5	Toluene-d8	48.5			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.2			85 - 114		108%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	107000								
540-36-3	1,4-Difluorobenzene	223000								
3114-55-4	Chlorobenzene-d5	234000								
3855-82-1	1,4-Dichlorobenzene-d4	113000								
TENTATIVE IDENTIFIED COMPOUNDS										
75-43-4	Dichlorofluoromethane	N.D								

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 : VX048111.D
Acq On : 10 Oct 2025 14:53
Operator : JC/MD
Sample : Q3324-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Quant Time: Oct 10 23:49:14 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

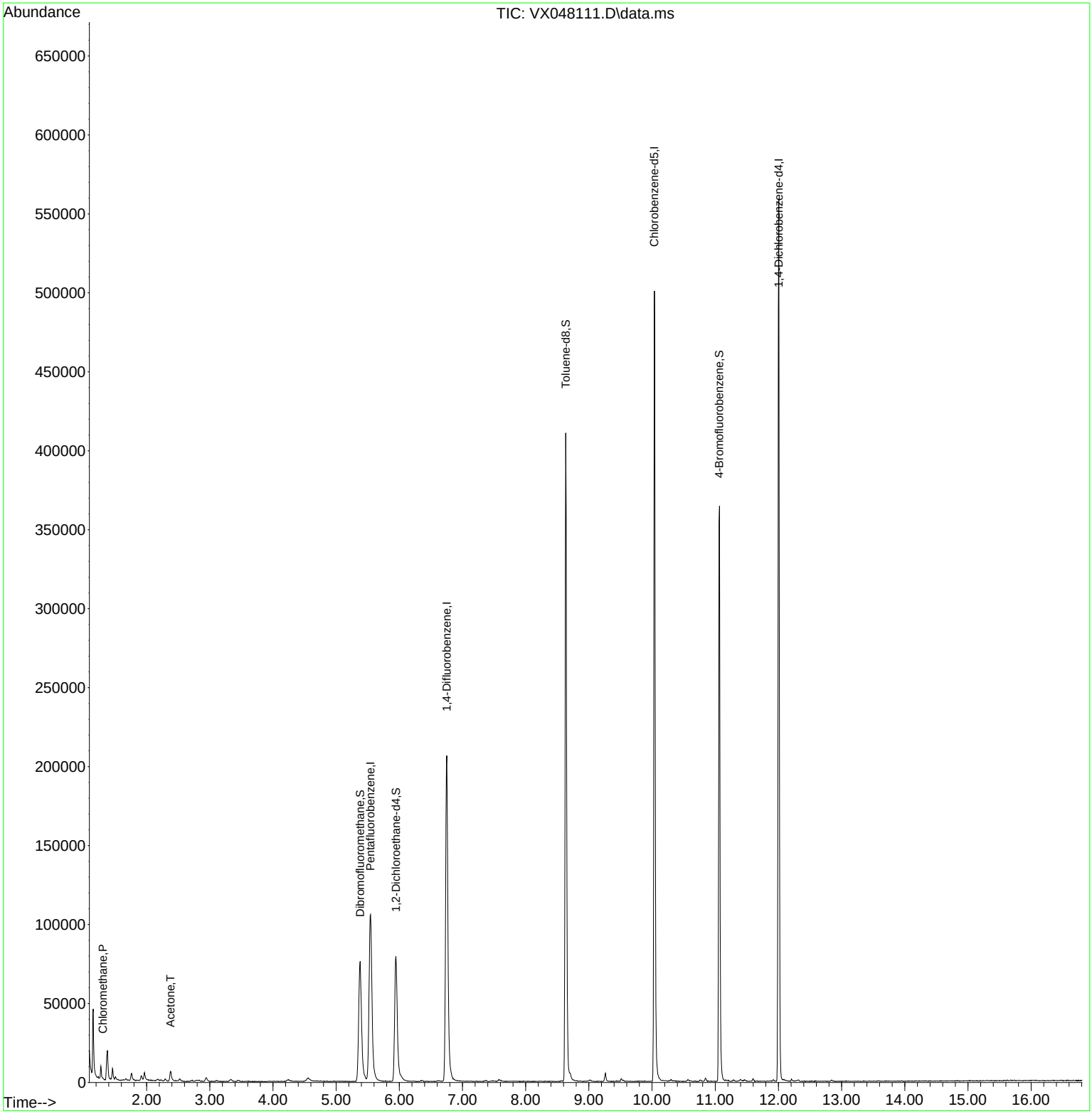
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	107357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	223217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	233516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88338	51.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.380%			
35) Dibromofluoromethane	5.379	113	74061	49.472	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.940%			
50) Toluene-d8	8.635	98	251294	48.513	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.020%			
62) 4-Bromofluorobenzene	11.061	95	106566	54.207	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.420%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	509	0.348	ug/l	99
16) Acetone	2.380	43	8826	11.879	ug/l	96

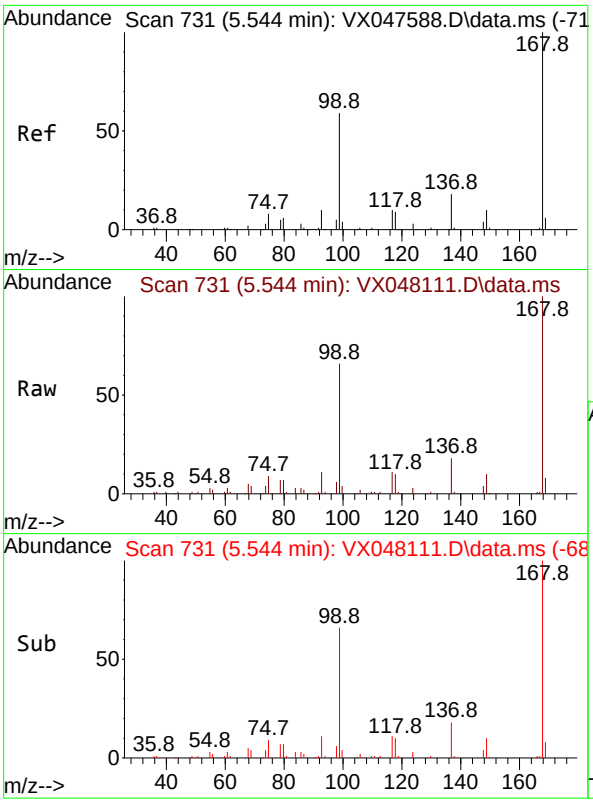
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048111.D
Acq On : 10 Oct 2025 14:53
Operator : JC/MD
Sample : Q3324-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Quant Time: Oct 10 23:49:14 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



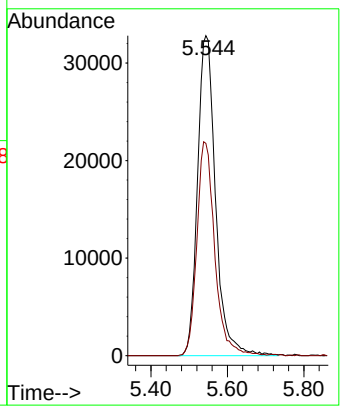


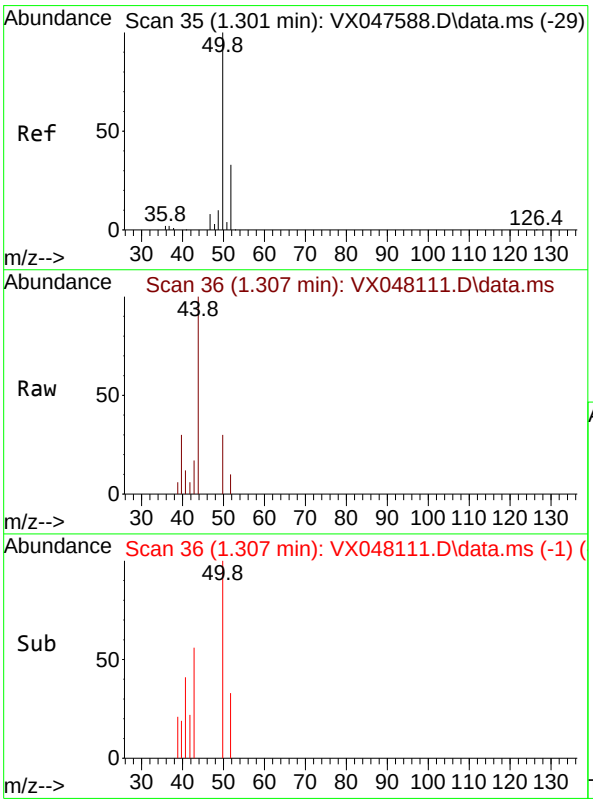
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Tgt Ion:168 Resp: 107357

Ion	Ratio	Lower	Upper
168	100		
99	66.4	48.8	73.2

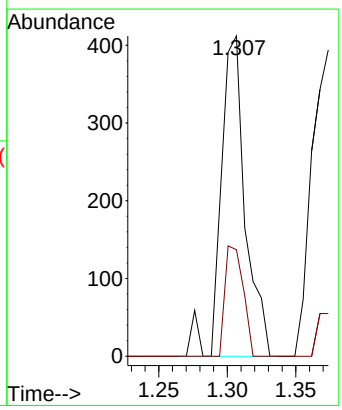


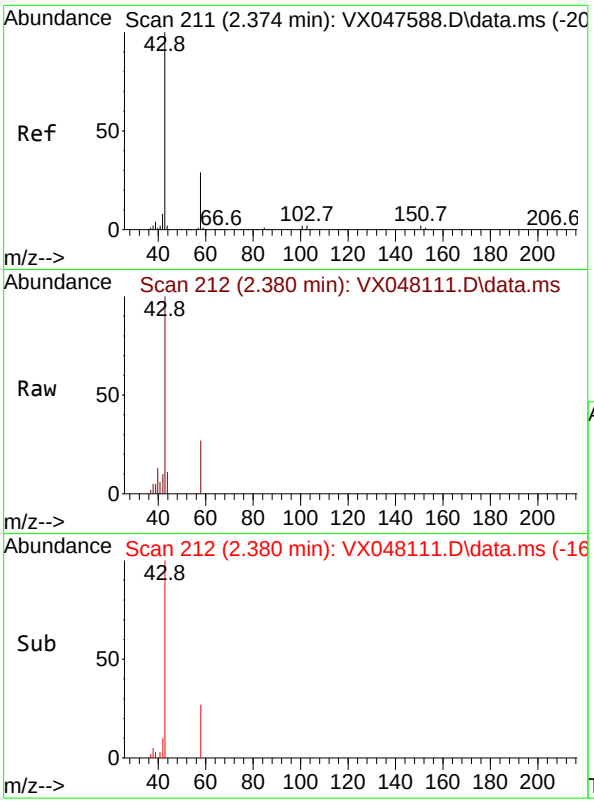


#3
Chloromethane
Concen: 0.348 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Tgt Ion: 50 Resp: 509

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.1	39.1



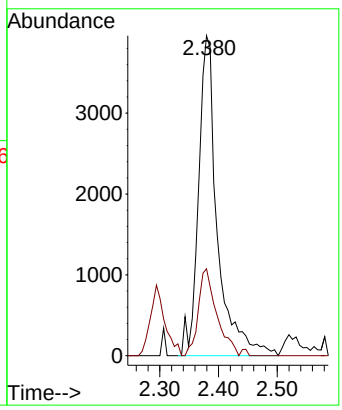


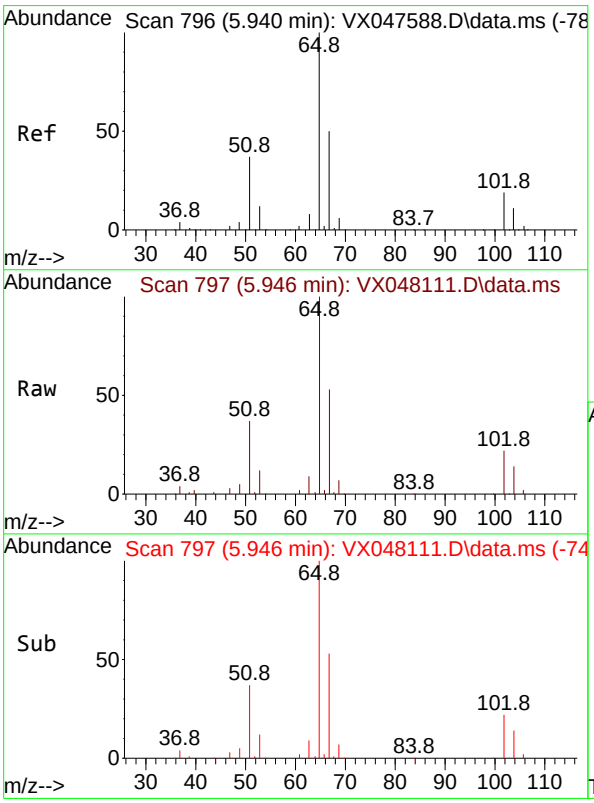
#16
Acetone
Concen: 11.879 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Tgt Ion: 43 Resp: 8826

Ion	Ratio	Lower	Upper
43	100		
58	27.2	23.4	35.0

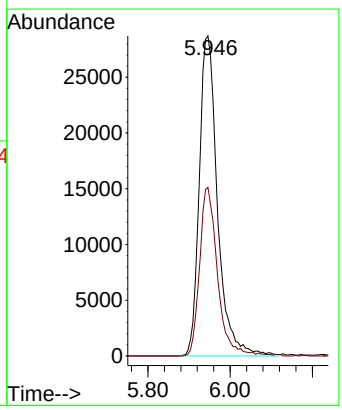


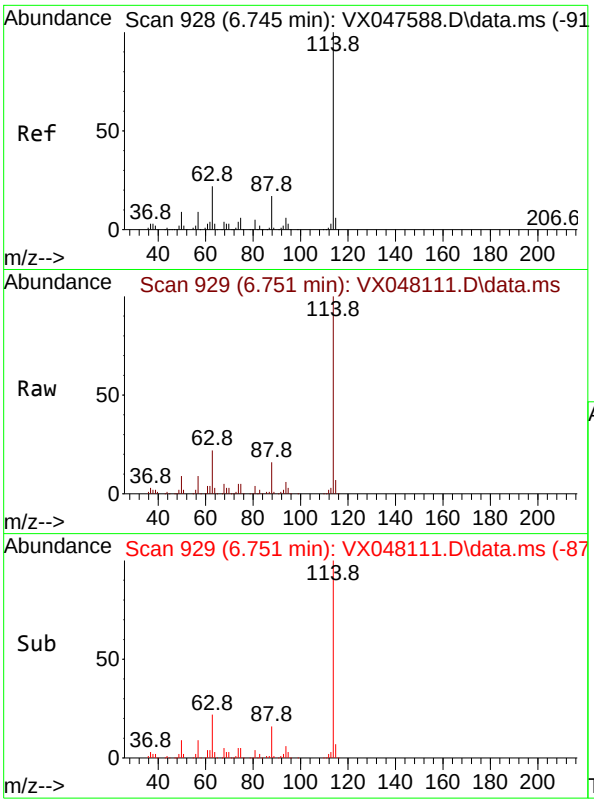


#33
1,2-Dichloroethane-d4
Concen: 51.694 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Tgt Ion: 65 Resp: 88338

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0



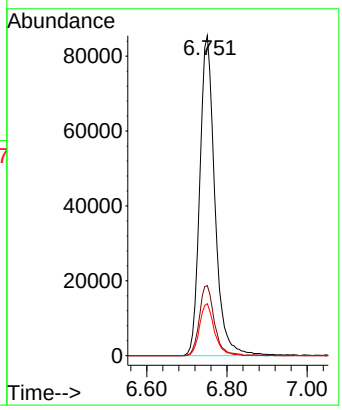


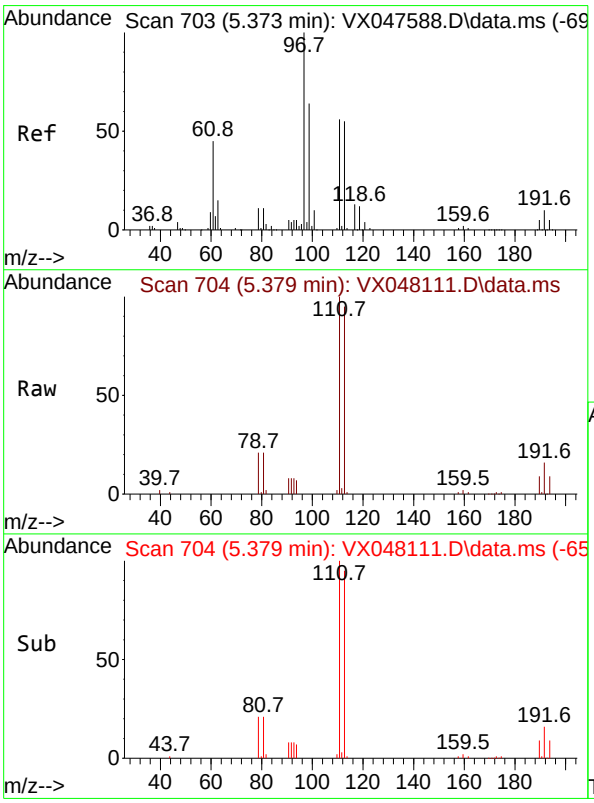
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Tgt Ion:114 Resp: 223217

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	16.2	0.0	34.2

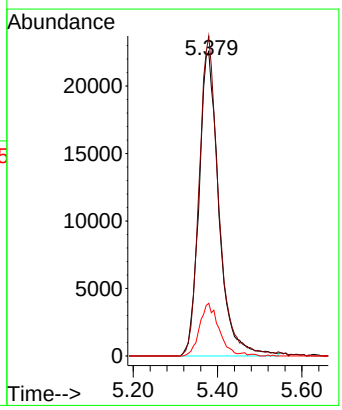


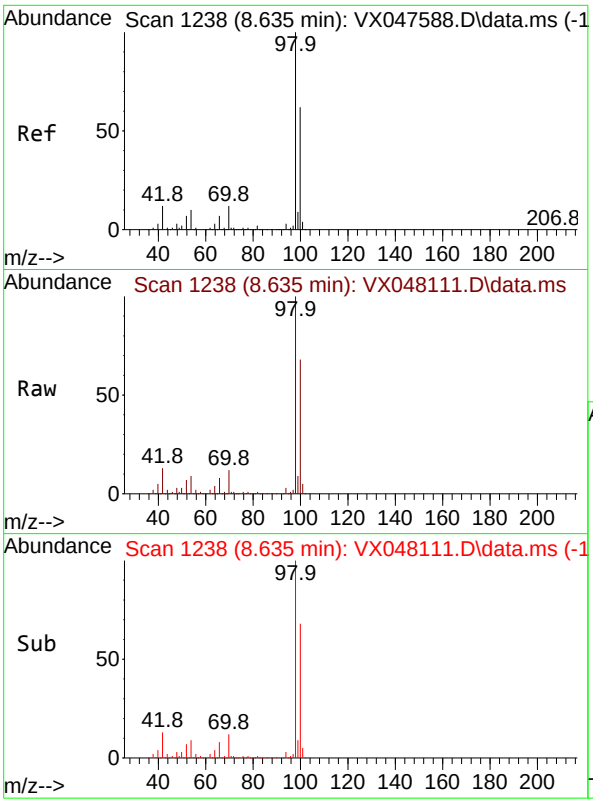


#35
Dibromofluoromethane
Concen: 49.472 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Tgt Ion:113 Resp: 74061

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.9	121.3
192	16.5	14.2	21.4



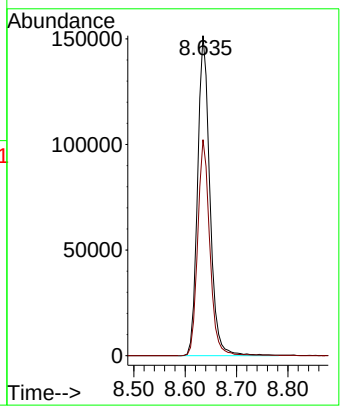


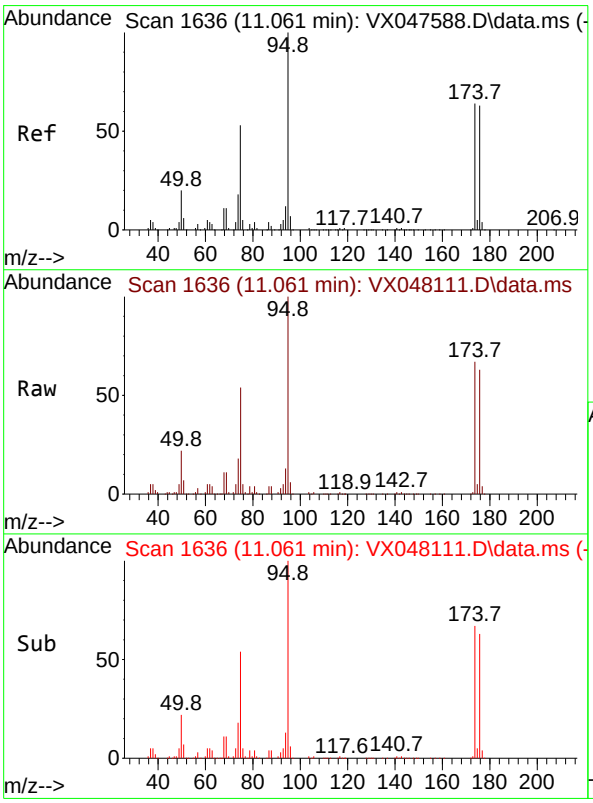
#50
Toluene-d8
Concen: 48.513 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Tgt Ion: 98 Resp: 251294

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

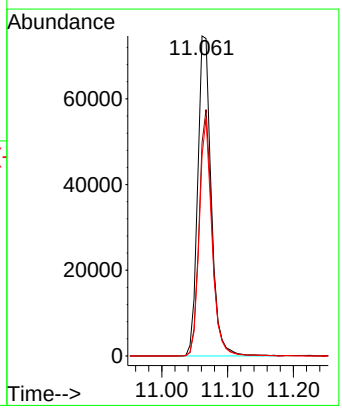


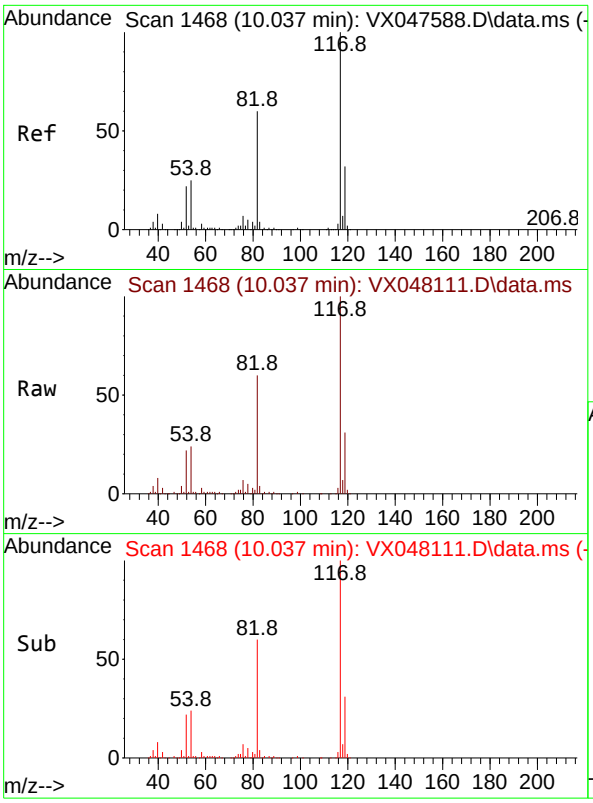


#62
4-Bromofluorobenzene
Concen: 54.207 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Tgt Ion: 95 Resp: 106566

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	141.6
176	69.7	0.0	138.4



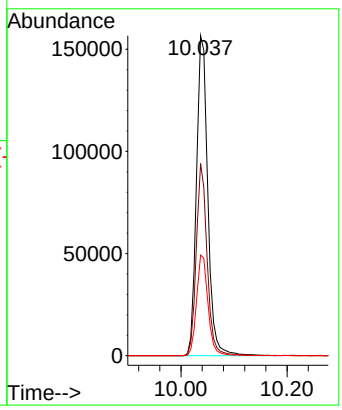


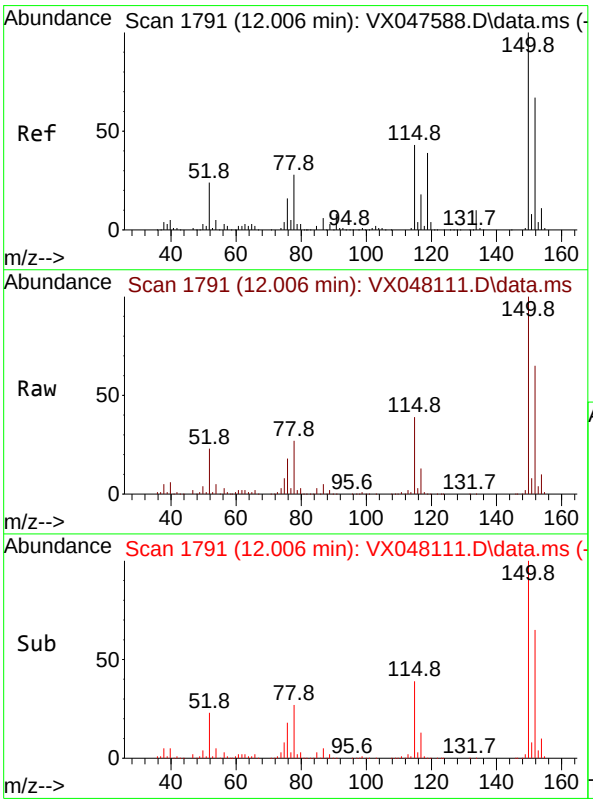
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Tgt Ion:117 Resp: 233516

Ion	Ratio	Lower	Upper
117	100		
82	60.0	47.8	71.6
119	31.4	25.2	37.8

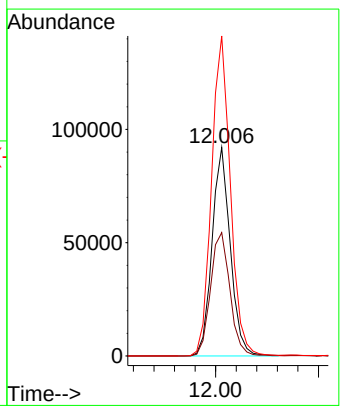




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Tgt Ion:152 Resp: 113061

Ion	Ratio	Lower	Upper
152	100		
115	63.1	44.9	134.5
150	158.5	0.0	352.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048111.D
Acq On : 10 Oct 2025 14:53
Operator : JC/MD
Sample : Q3324-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

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: VX048111.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.154	7	11	21	rVB	43347	56353	7.64%	1.356%
2	1.276	28	31	40	rVB2	8570	11866	1.61%	0.285%
3	1.380	42	48	54	rBV2	18661	31486	4.27%	0.757%
4	1.459	57	61	66	rVB	6717	8494	1.15%	0.204%
5	1.764	105	111	116	rBV4	4622	7838	1.06%	0.189%
6	2.380	205	212	223	rBV	6284	13339	1.81%	0.321%
7	4.556	557	569	578	rBV4	2321	8598	1.17%	0.207%
8	5.379	692	704	720	rBV2	76108	242379	32.87%	5.831%
9	5.544	721	731	752	rVB2	105027	337094	45.71%	8.109%
10	5.946	787	797	825	rBV	79162	240931	32.67%	5.796%
11	6.751	917	929	945	rBV	206306	534246	72.44%	12.852%
12	8.635	1231	1238	1248	rBV	410556	678589	92.02%	16.325%
13	9.263	1334	1341	1347	rBV3	5148	7904	1.07%	0.190%
14	10.037	1462	1468	1487	rBV	500546	737458	100.00%	17.741%
15	11.067	1631	1637	1651	rBV	364347	517013	70.11%	12.438%
16	12.006	1785	1791	1801	rBV	558789	723283	98.08%	17.400%

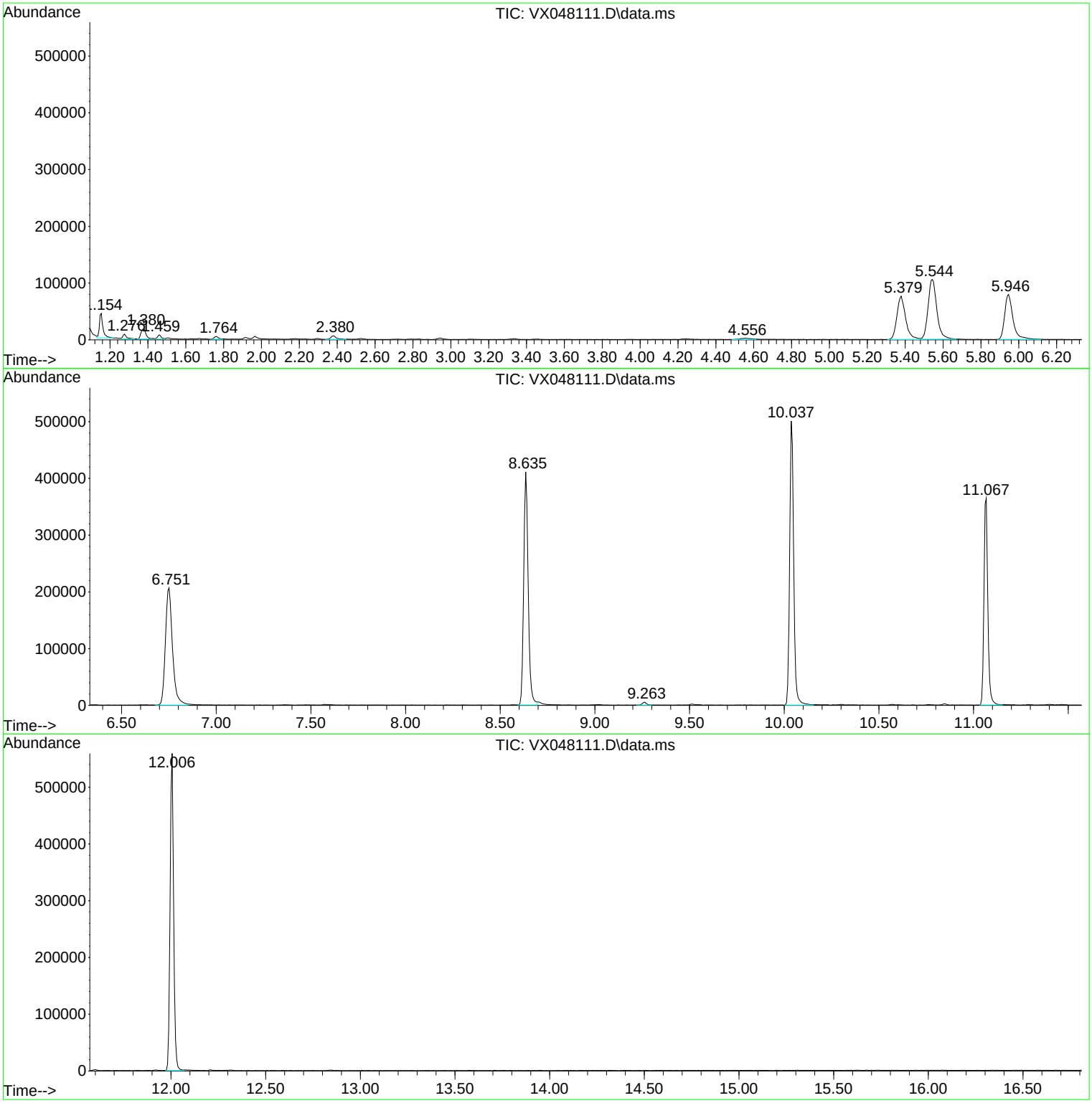
Sum of corrected areas: 4156871

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048111.D
Acq On : 10 Oct 2025 14:53
Operator : JC/MD
Sample : Q3324-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

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 : VX048111.D
Acq On : 10 Oct 2025 14:53
Operator : JC/MD
Sample : Q3324-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

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 : VX048111.D
Acq On : 10 Oct 2025 14:53
Operator : JC/MD
Sample : Q3324-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

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: TETR06

Lab Code: ACE SDG No.: Q3324

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: TETR06

Lab Code: ACE | SDG No.: Q3324

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

Quantitation Report (QT Reviewed)

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

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)
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

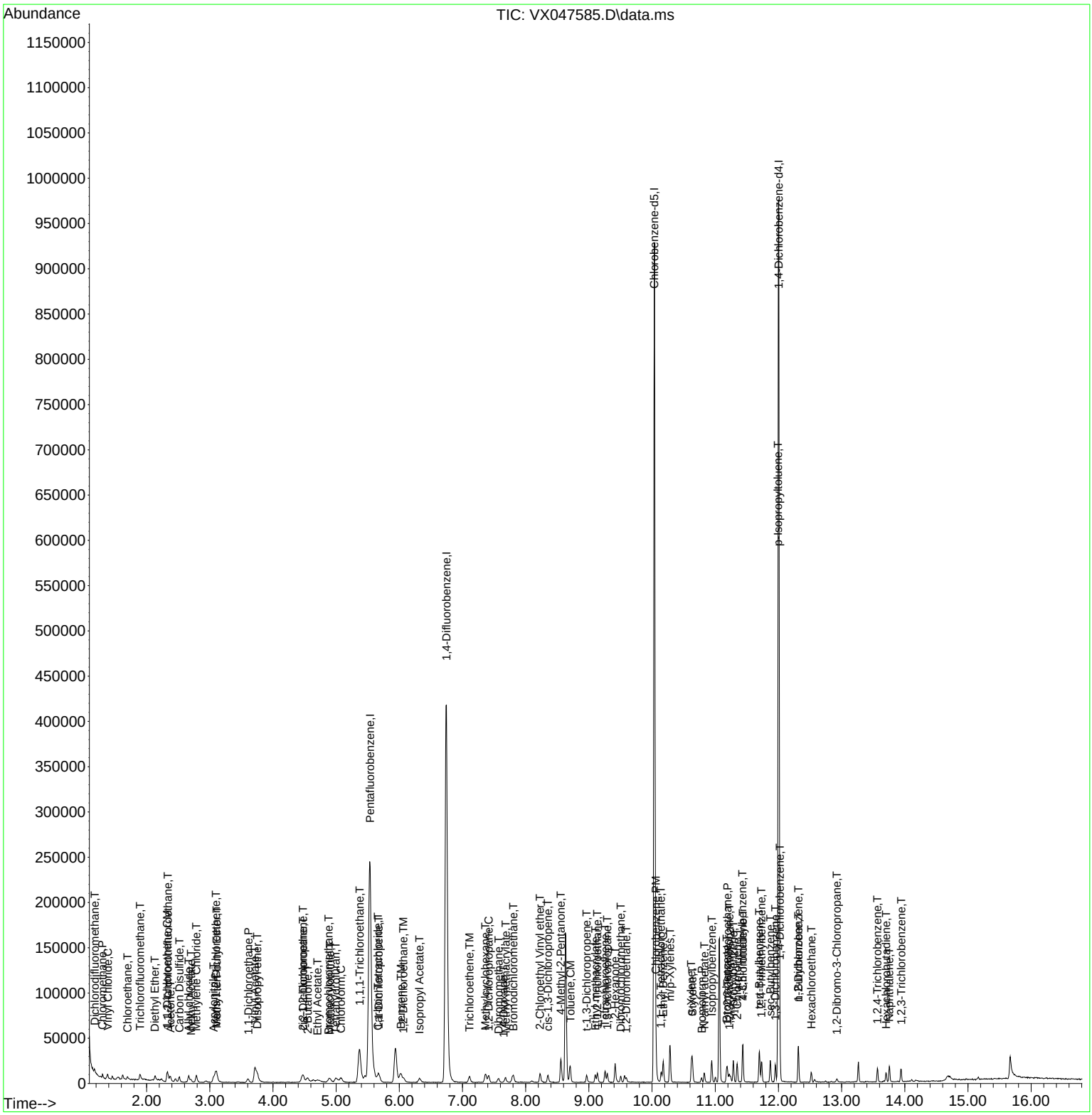
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047585.D
Acq On : 16 Sep 2025 09:23
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

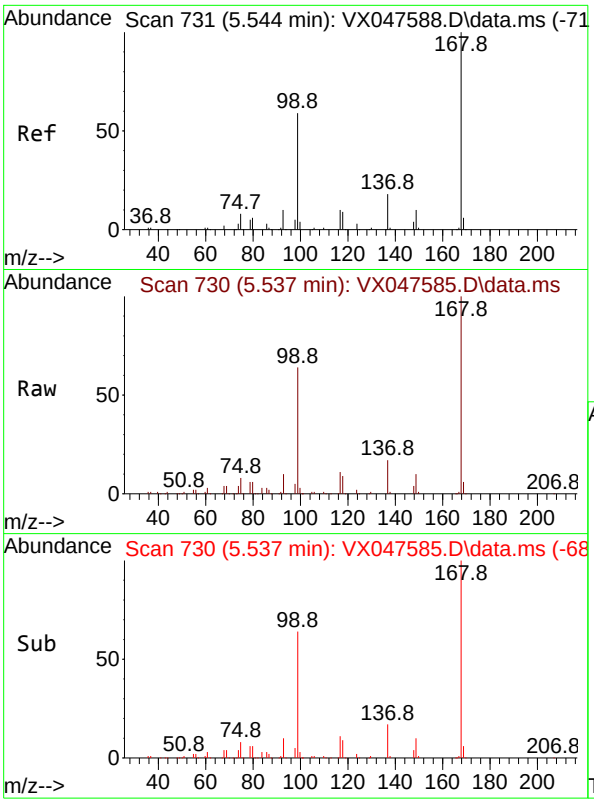
Quant Time: Sep 17 06:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

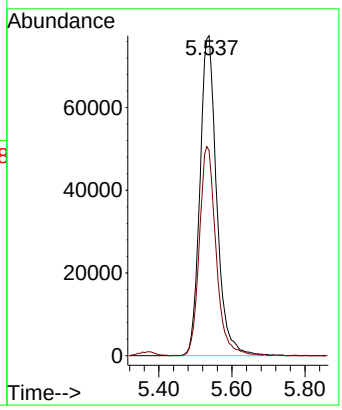




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:168 Resp: 24634

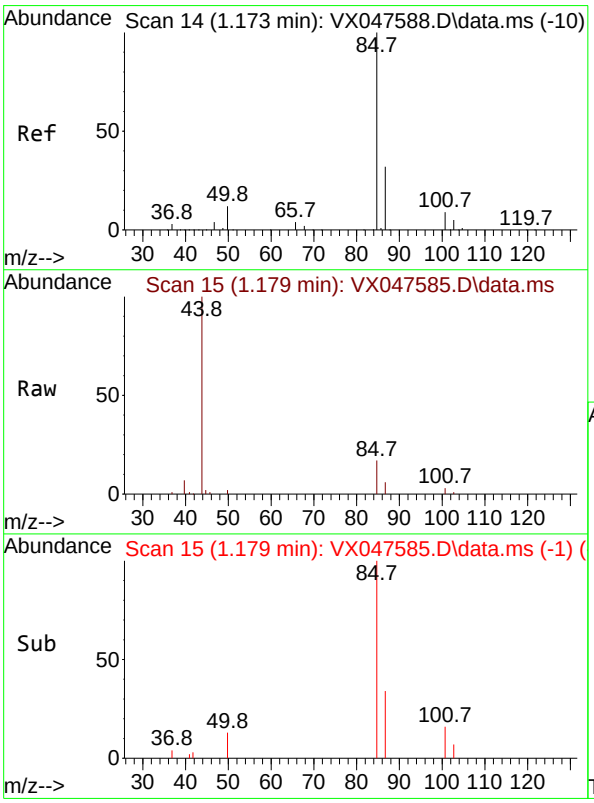
Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

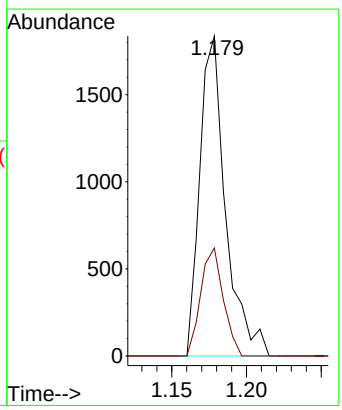
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

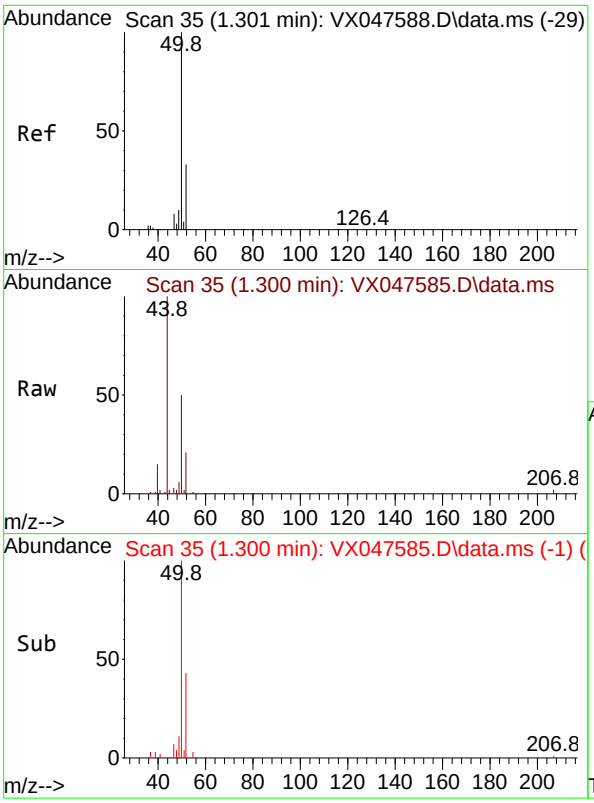


#2
Dichlorodifluoromethane
Concen: 0.863 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

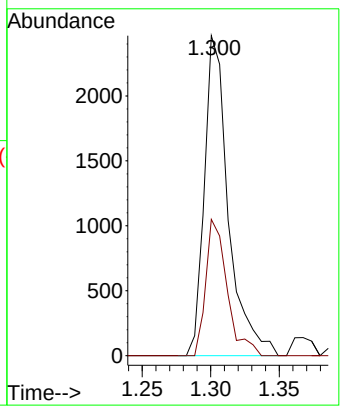
Tgt Ion: 50 Resp: 300

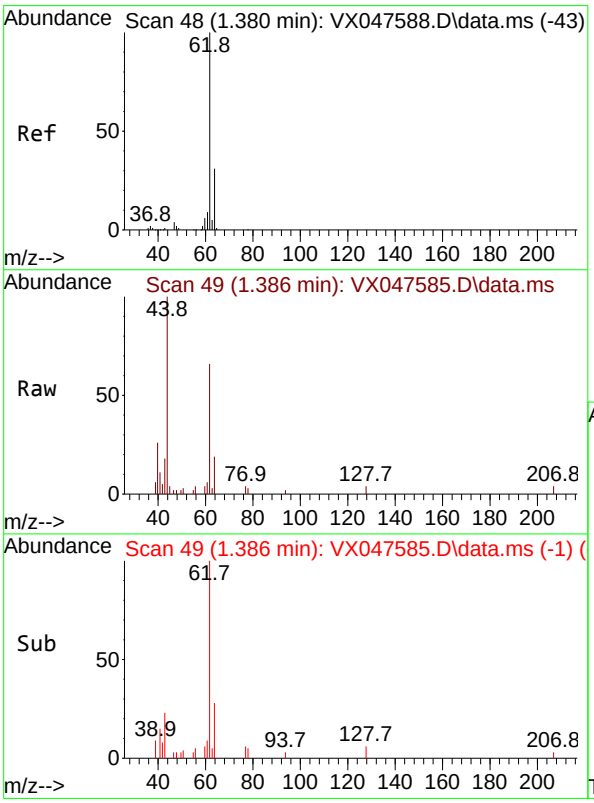
Ion	Ratio	Lower	Upper
50	100		
52	42.6	26.1	39.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

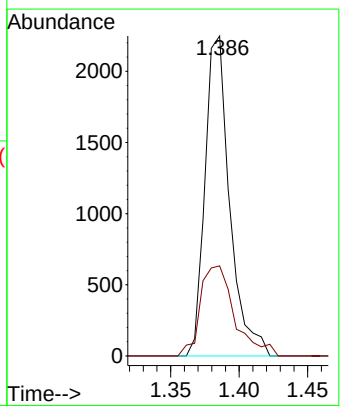


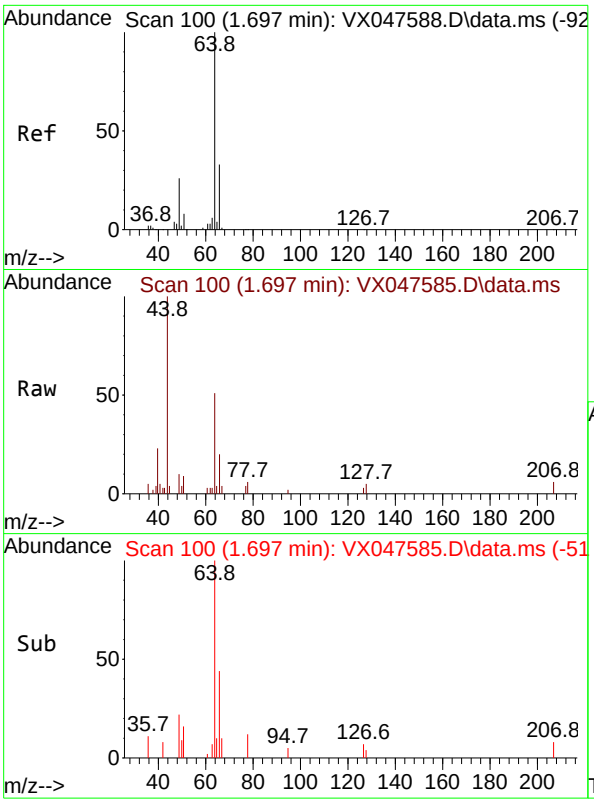


#4
Vinyl Chloride
Concen: 0.859 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 2818

Ion	Ratio	Lower	Upper
62	100		
64	28.2	24.9	37.3

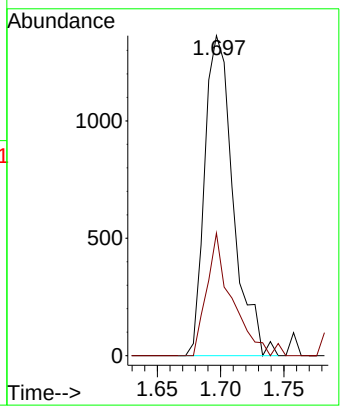




#6
Chloroethane
Concen: 0.973 ug/l
RT: 1.697 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 64 Resp: 213

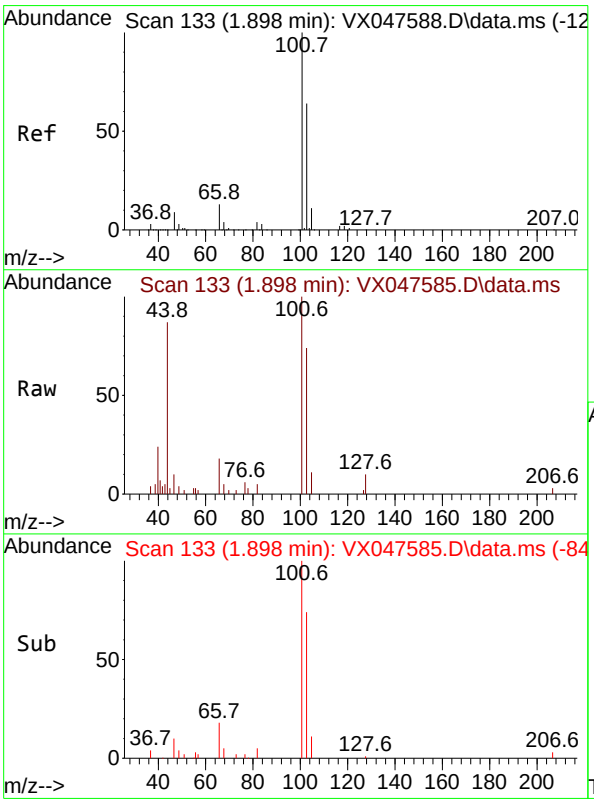
Ion	Ratio	Lower	Upper
64	100		
66	35.4	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

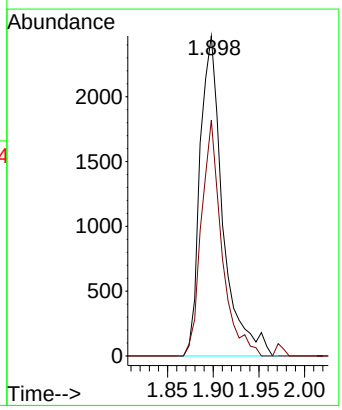
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

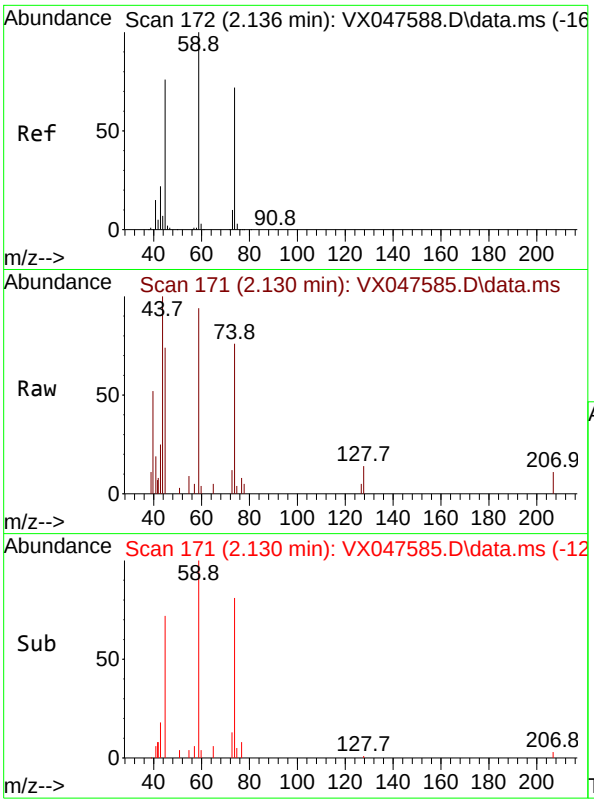


#7
Trichlorofluoromethane
Concen: 0.874 ug/l
RT: 1.898 min Scan# 133
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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
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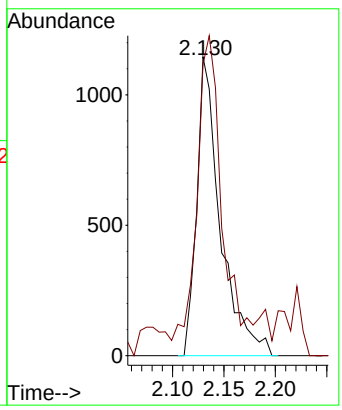
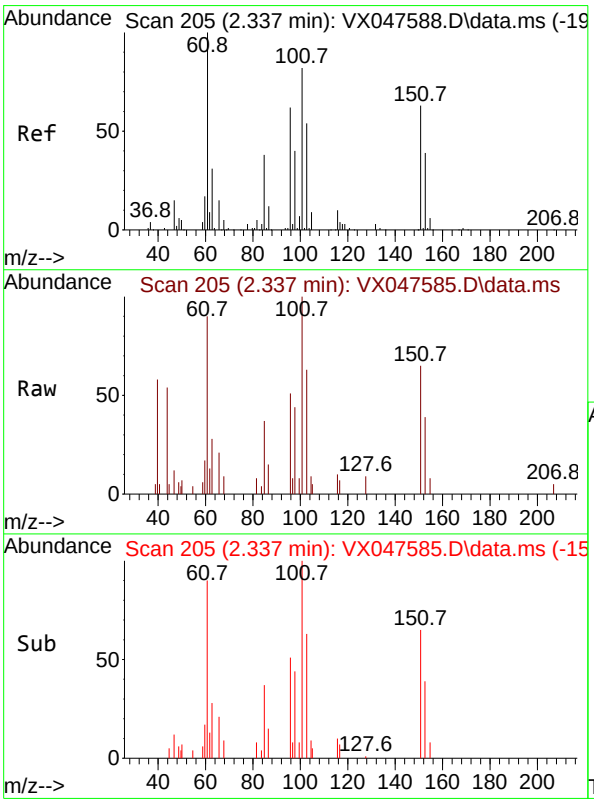
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

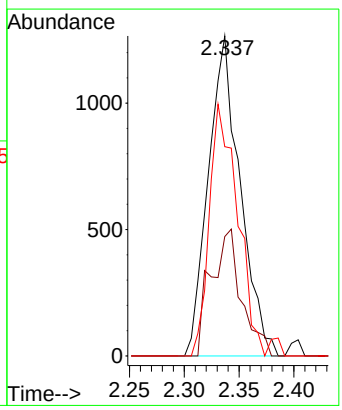


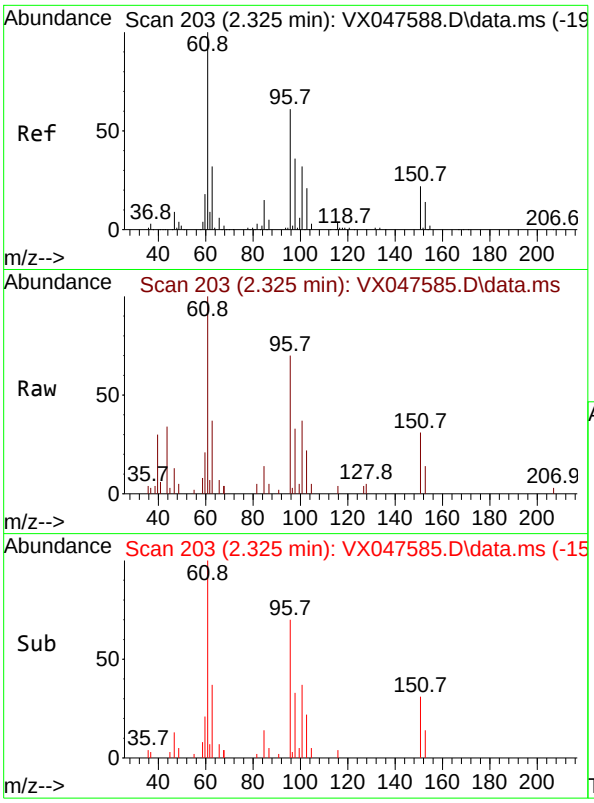


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.897 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

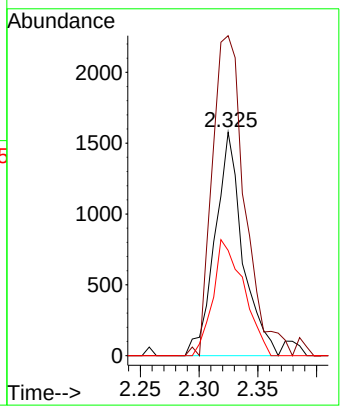




#12
1,1-Dichloroethene
Concen: 0.886 ug/l
RT: 2.325 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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 :
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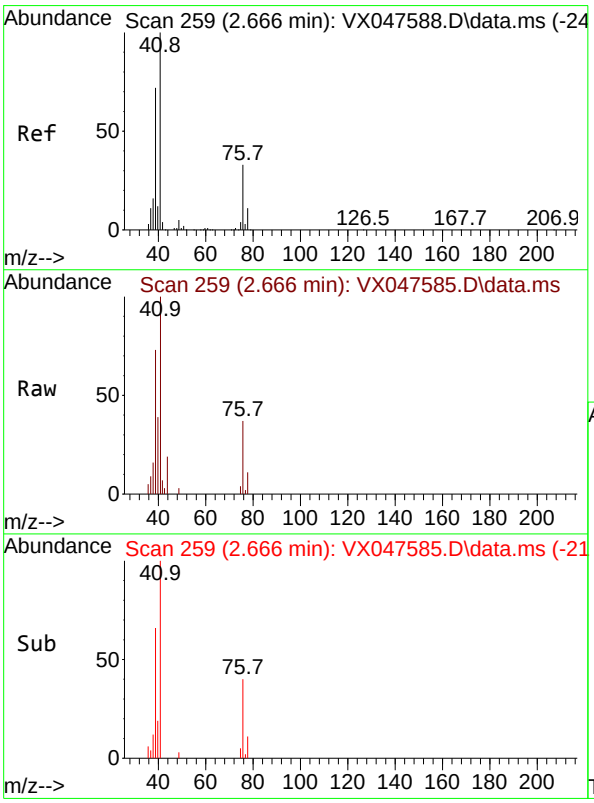
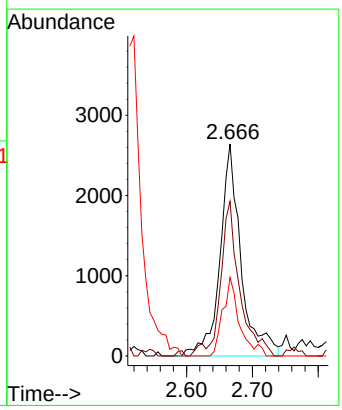
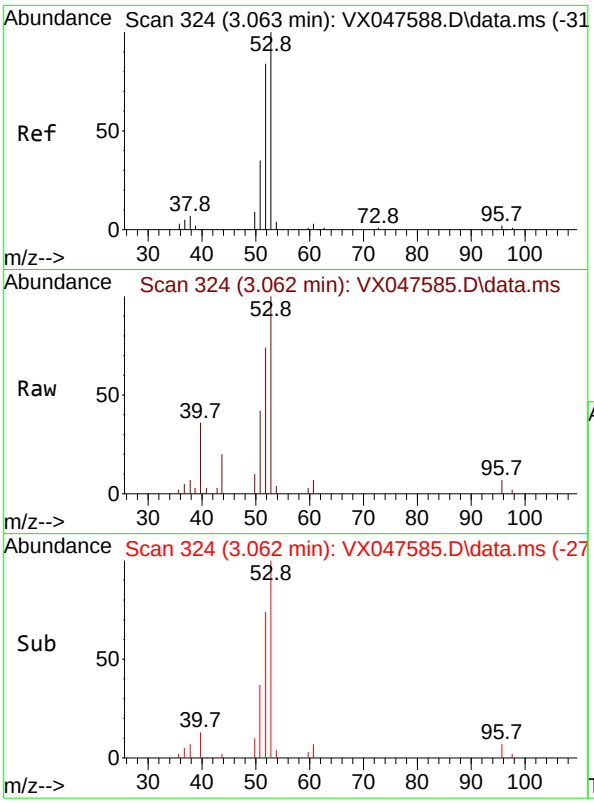


#14
Allyl chloride
Concen: 0.974 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

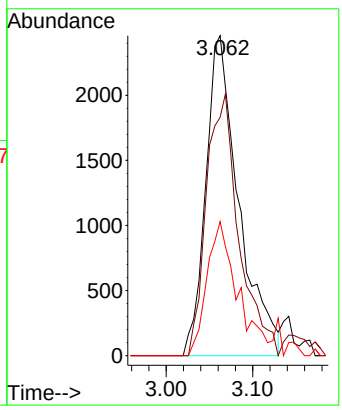




#15
Acrylonitrile
Concen: 4.018 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

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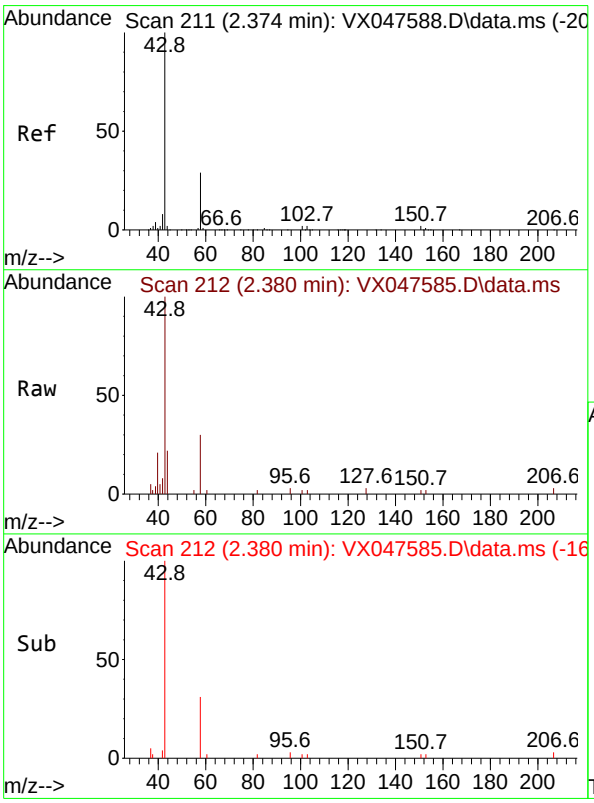
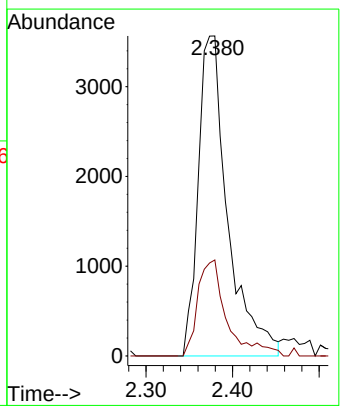
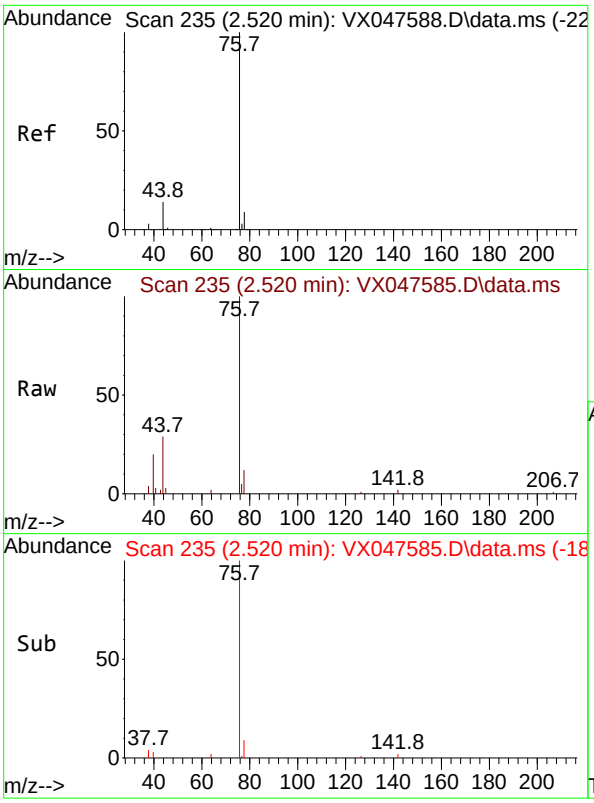


#16
Acetone
Concen: 4.953 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

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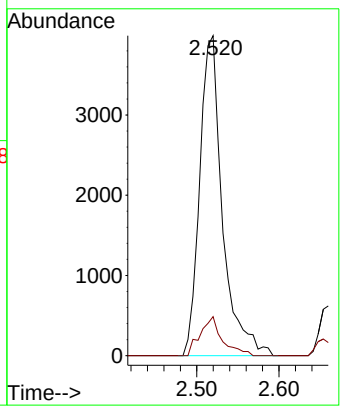
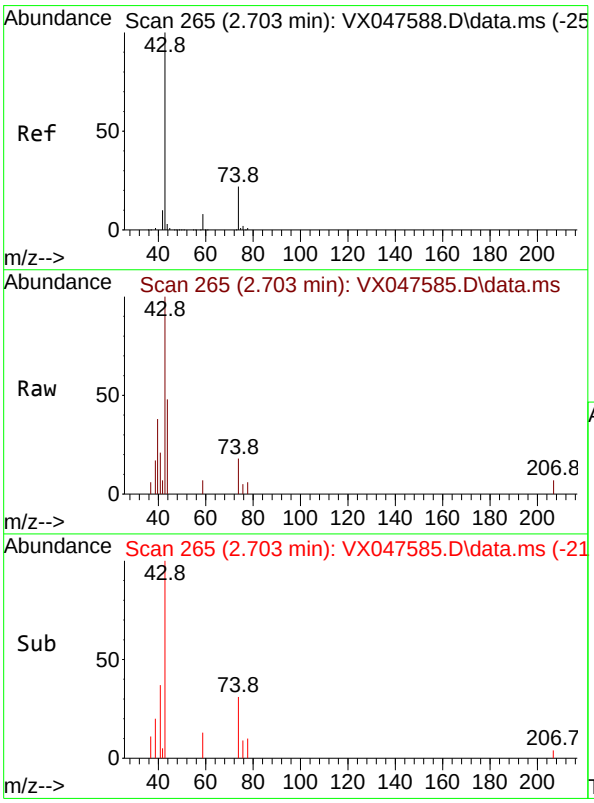
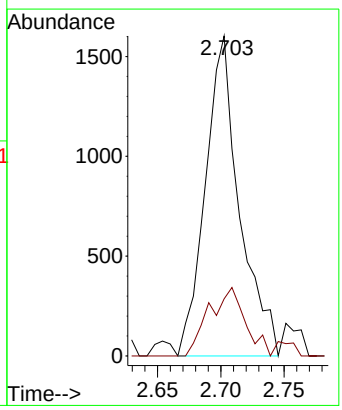


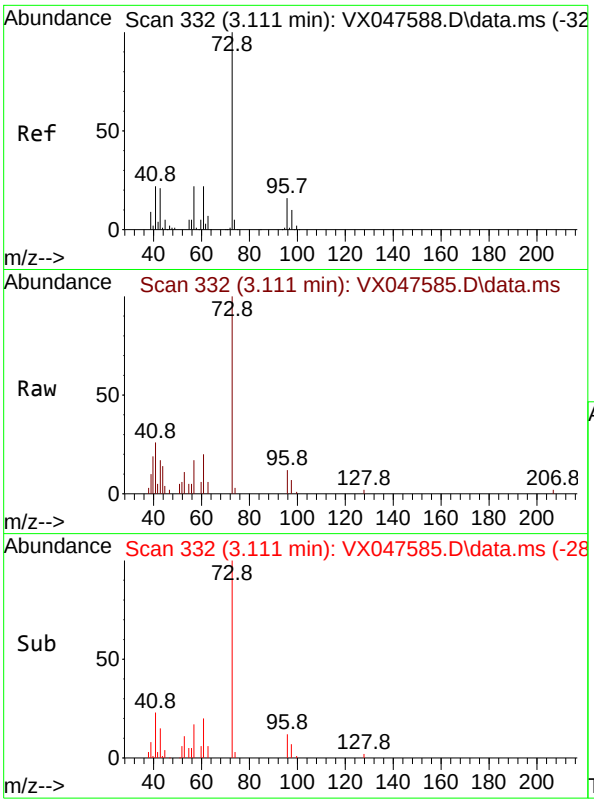


#18
Methyl Acetate
Concen: 0.794 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3013

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2

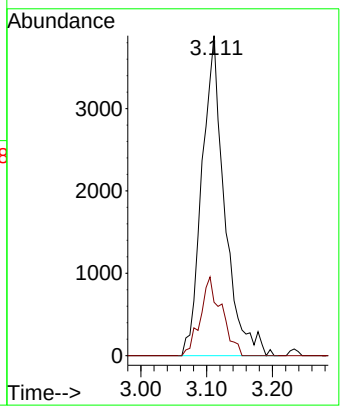




#19
Methyl tert-butyl Ether
Concen: 0.869 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 73 Resp: 928

Ion	Ratio	Lower	Upper
73	100		
57	16.7	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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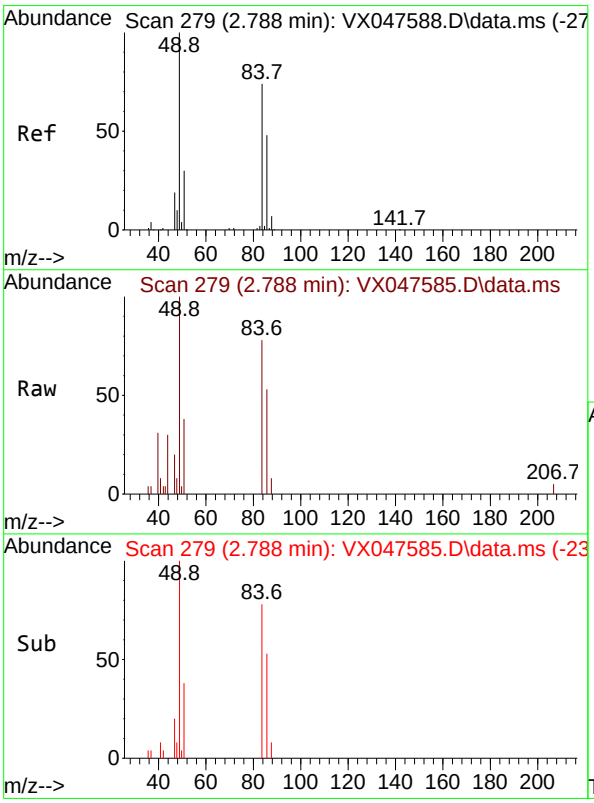
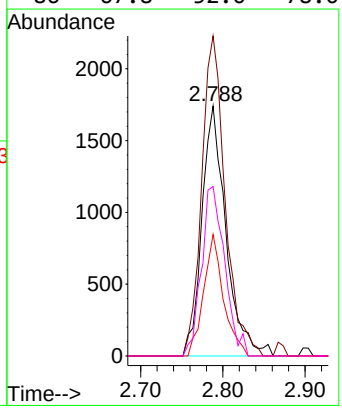
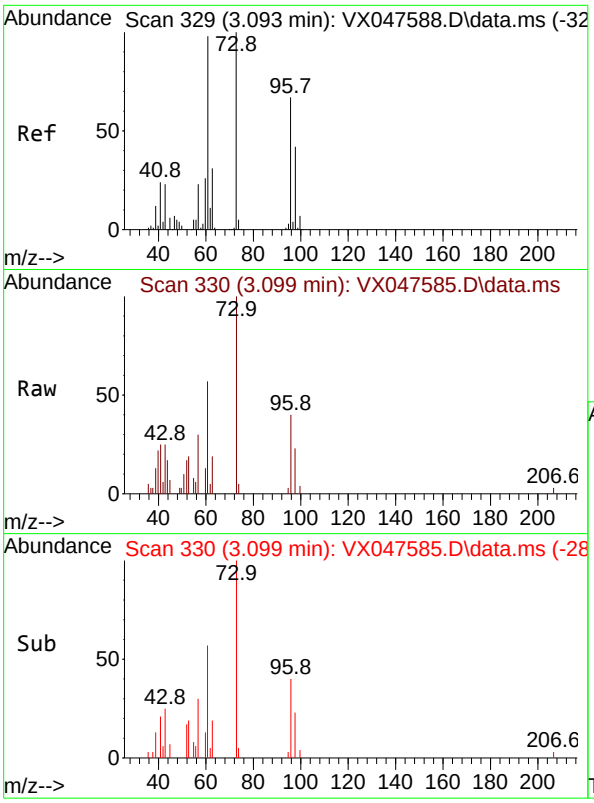


#20
Methylene Chloride
Concen: 0.981 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

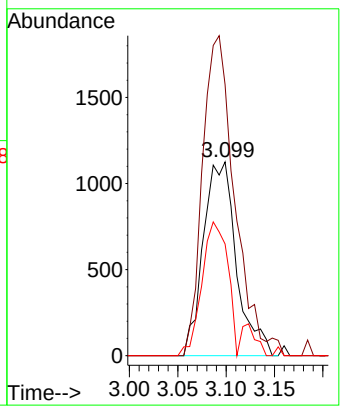




#21
trans-1,2-Dichloroethene
Concen: 0.849 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

Manual Integrations
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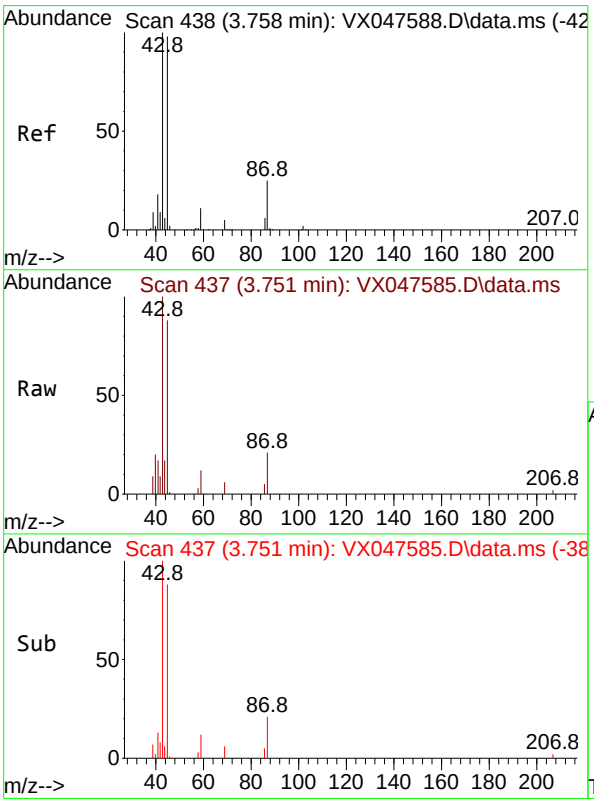
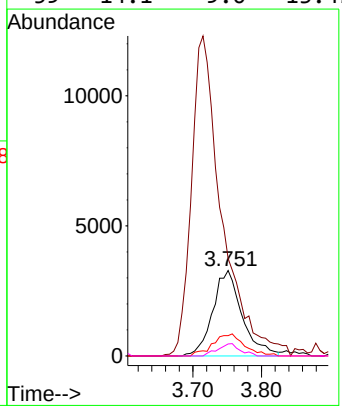
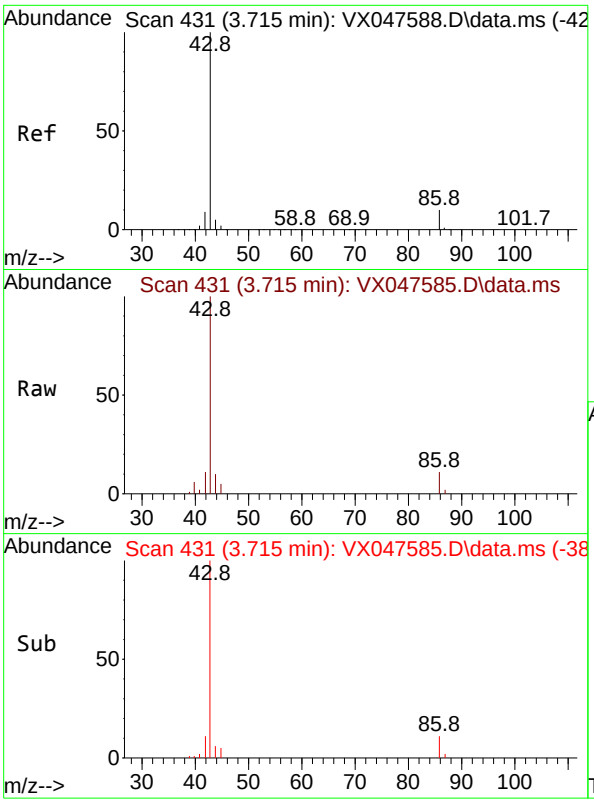


#22
Diisopropyl ether
Concen: 0.832 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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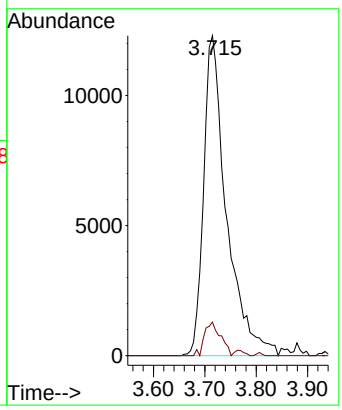
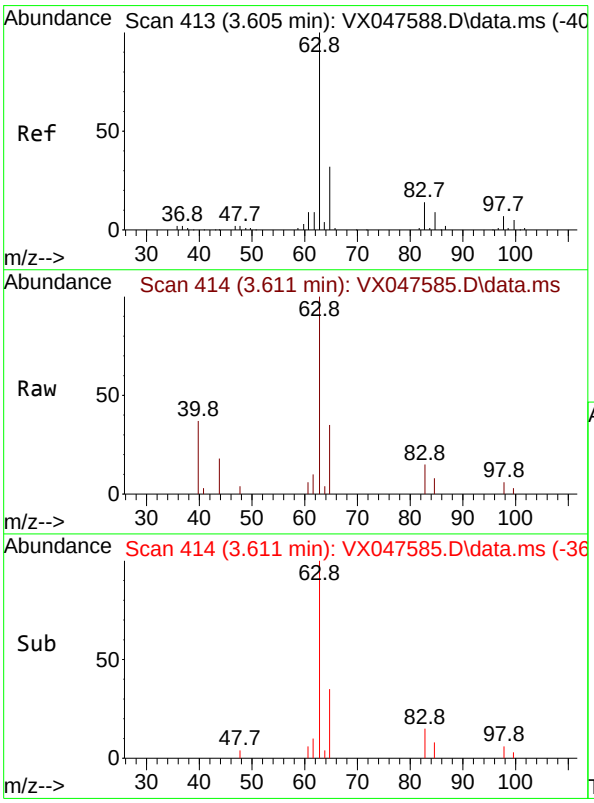
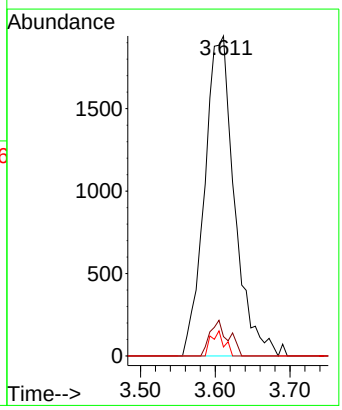


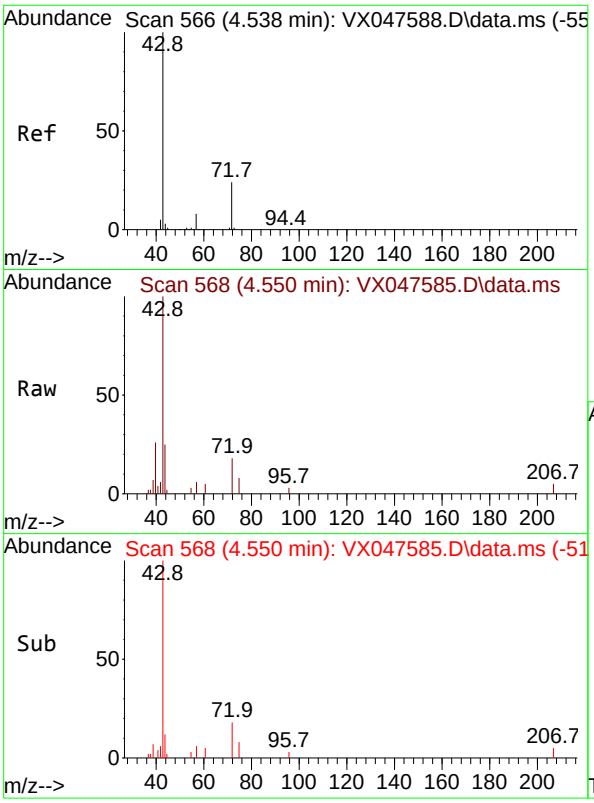


#24
1,1-Dichloroethane
Concen: 0.863 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

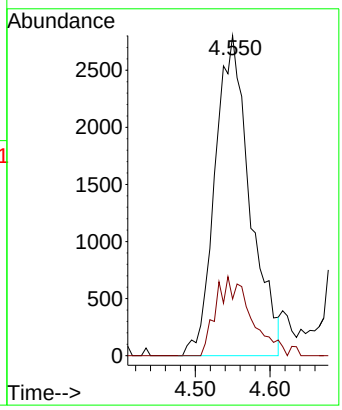




#25
2-Butanone
Concen: 4.281 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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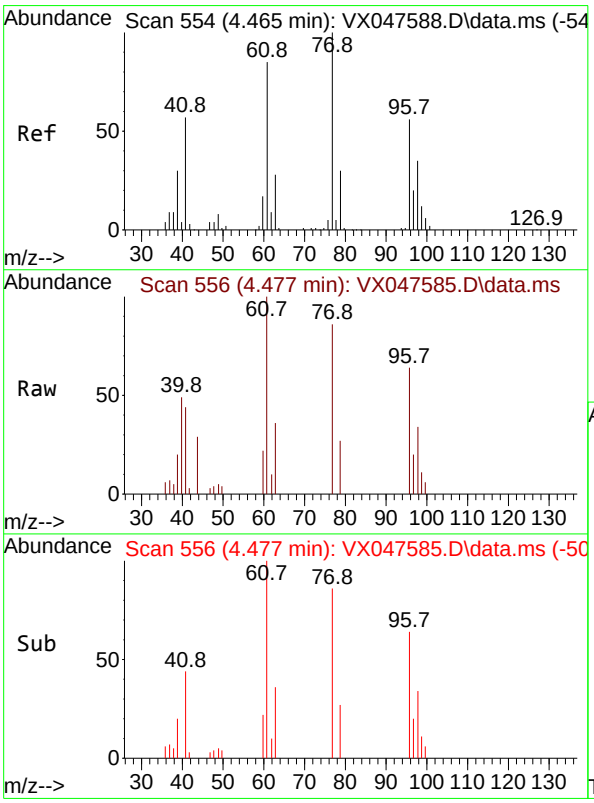
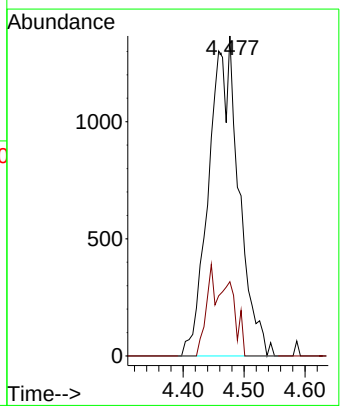
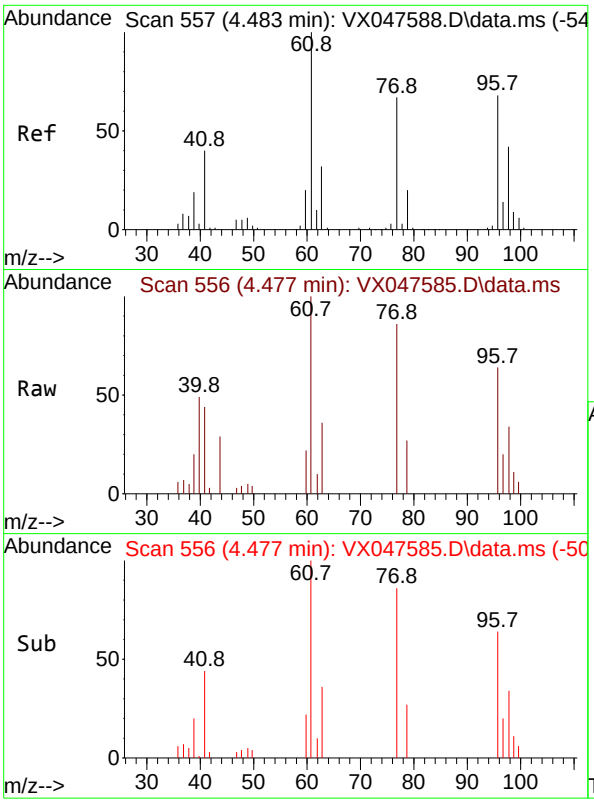


#26
2,2-Dichloropropane
Concen: 0.901 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 77 Resp: 4657

Ion	Ratio	Lower	Upper
77	100		
97	11.0	10.9	32.7

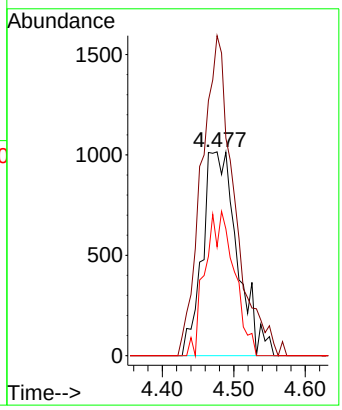




#27
cis-1,2-Dichloroethene
Concen: 0.891 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

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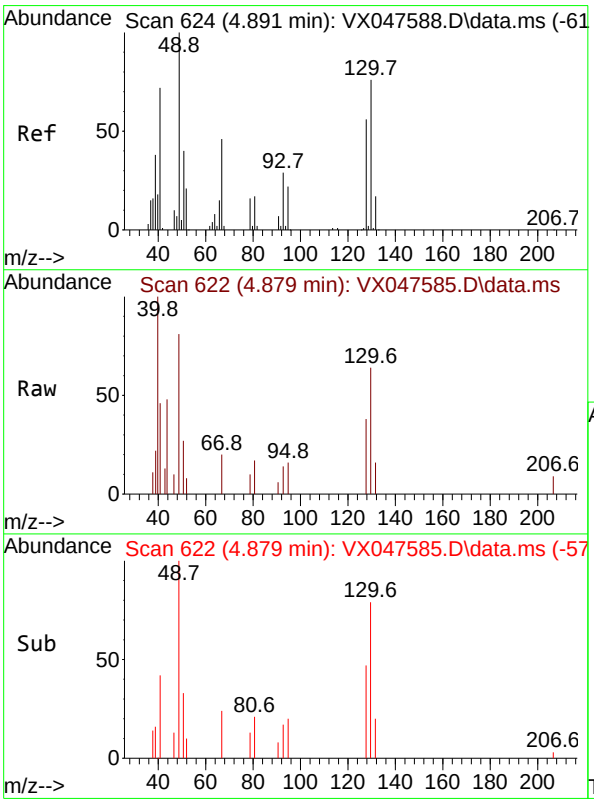
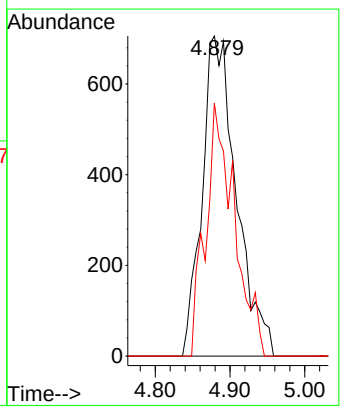
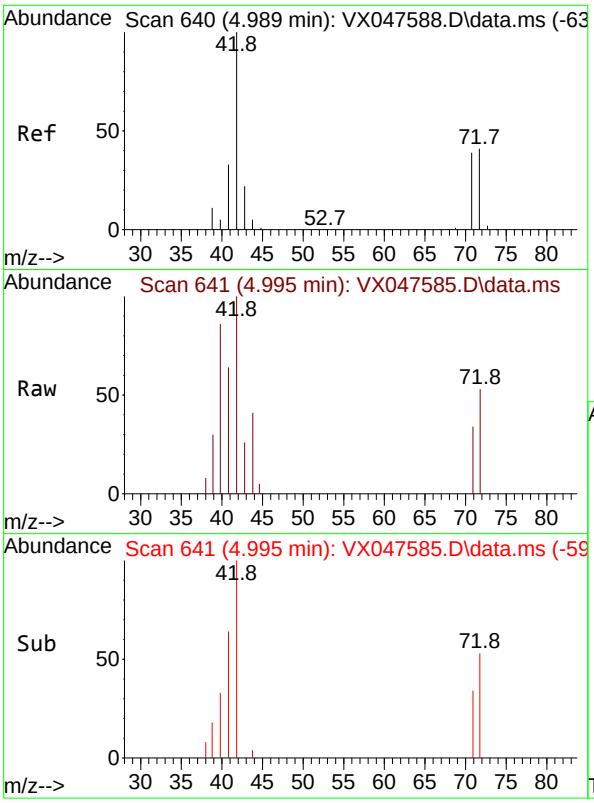


#28
Bromochloromethane
Concen: 0.829 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

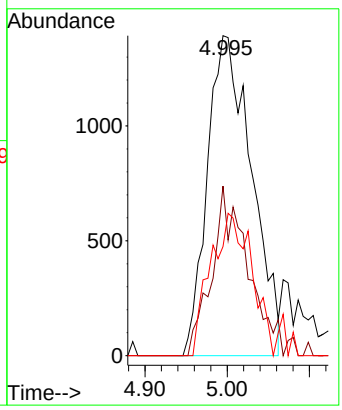




#29
Tetrahydrofuran
Concen: 4.072 ug/l
RT: 4.995 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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Reviewed By :John Carlone 09/17/2025
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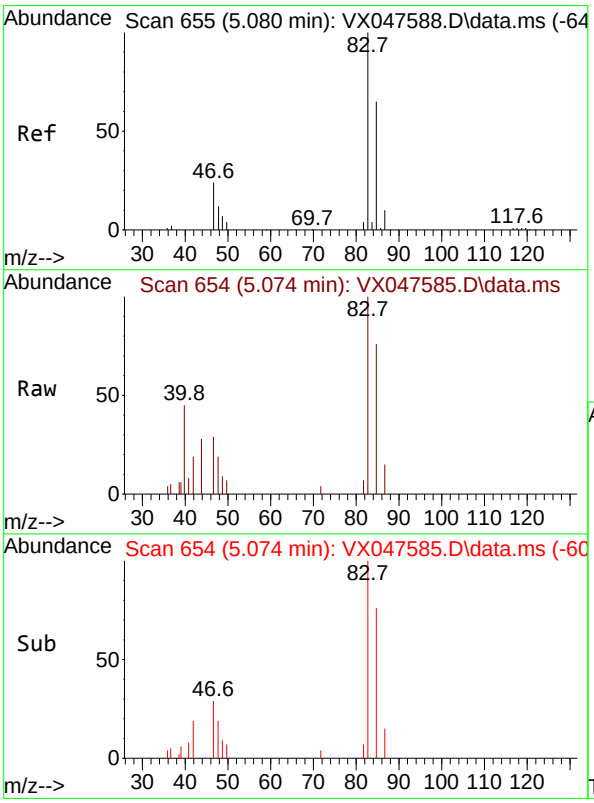
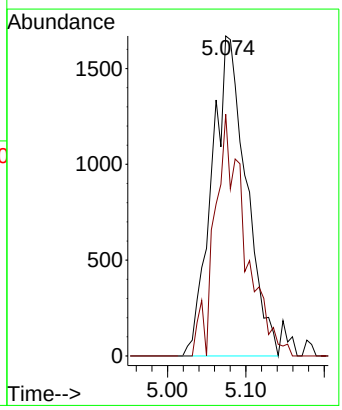
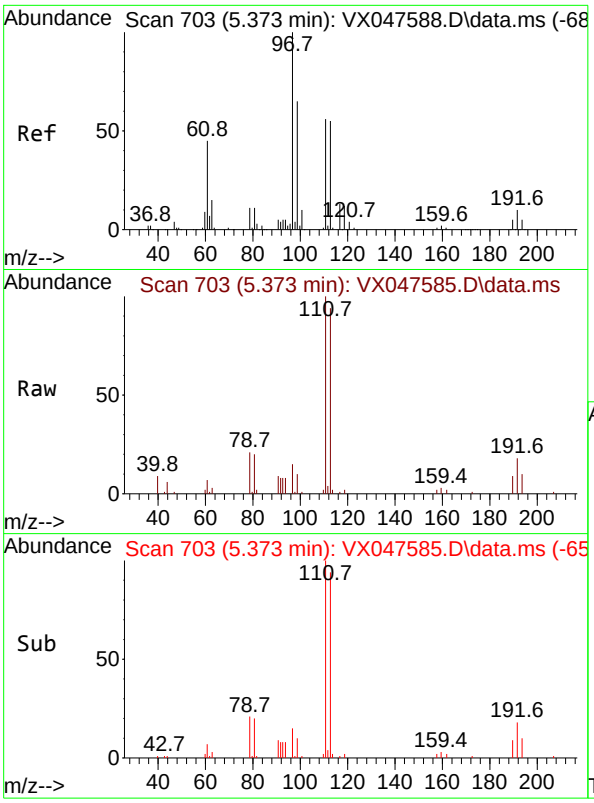


#30
Chloroform
Concen: 0.810 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 5093

Ion	Ratio	Lower	Upper
83	100		
85	75.6	51.8	77.6

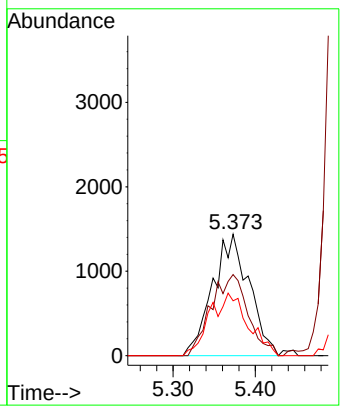




#32
1,1,1-Trichloroethane
Concen: 0.832 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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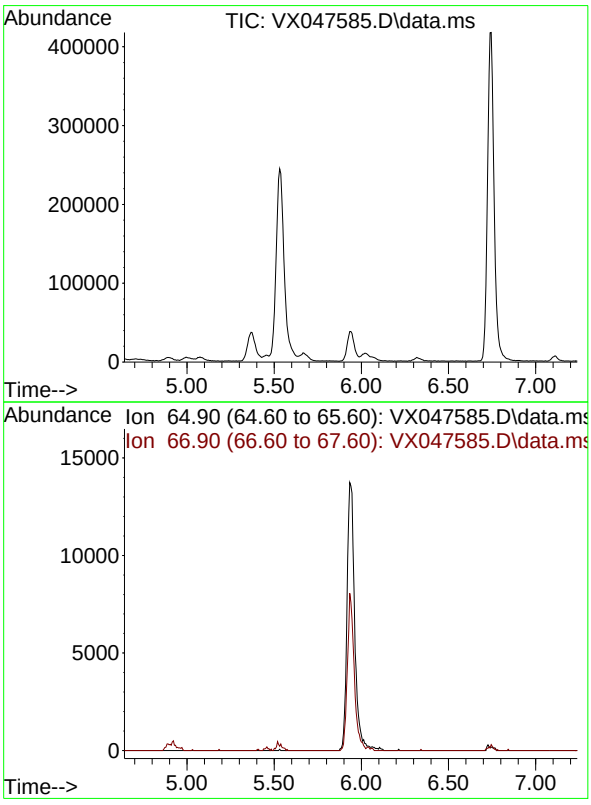
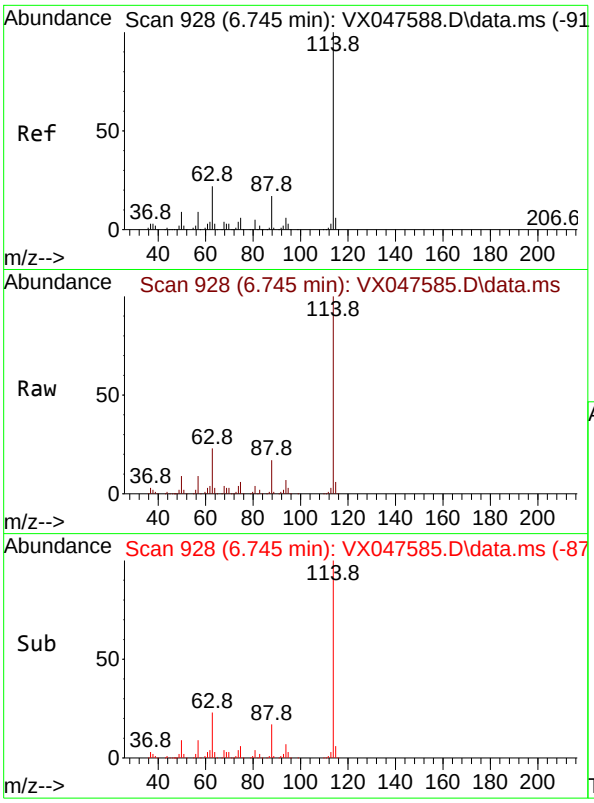


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.94 min

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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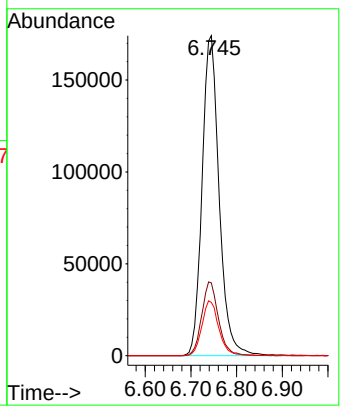
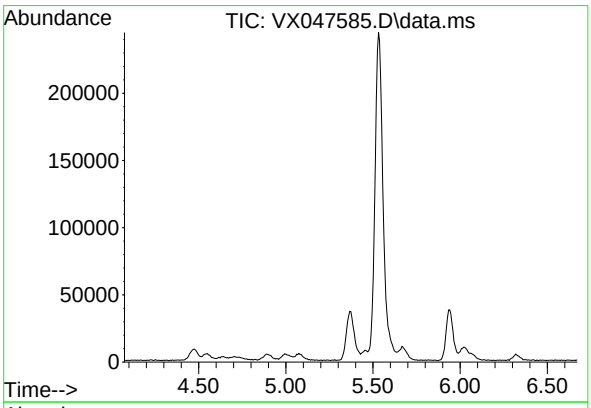


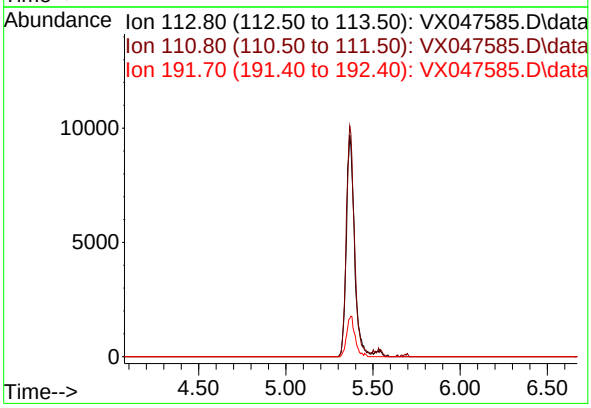


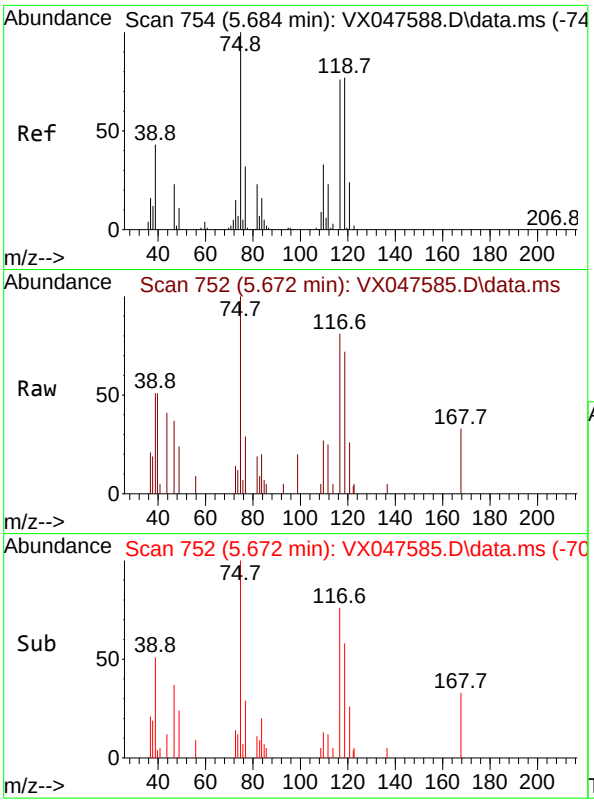
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.37 min

Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	101.1
192	17.8

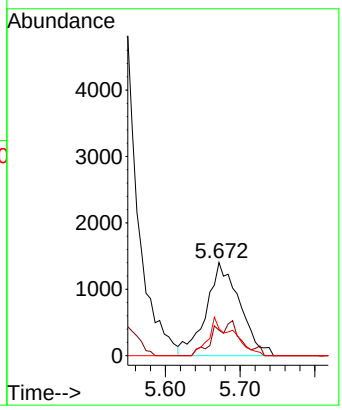




#36
1,1-Dichloropropene
Concen: 0.988 ug/l
RT: 5.672 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

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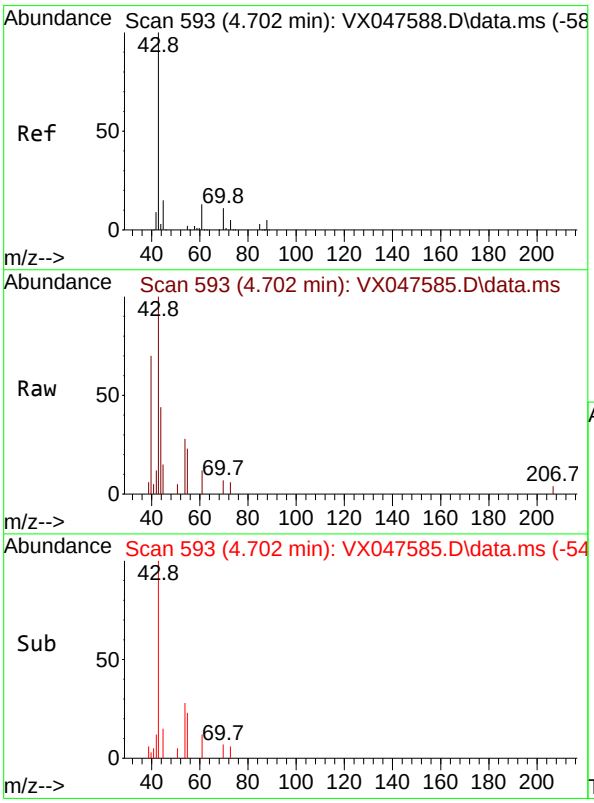
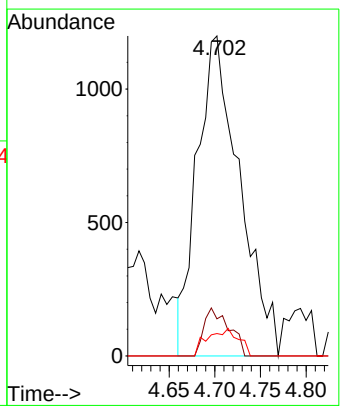
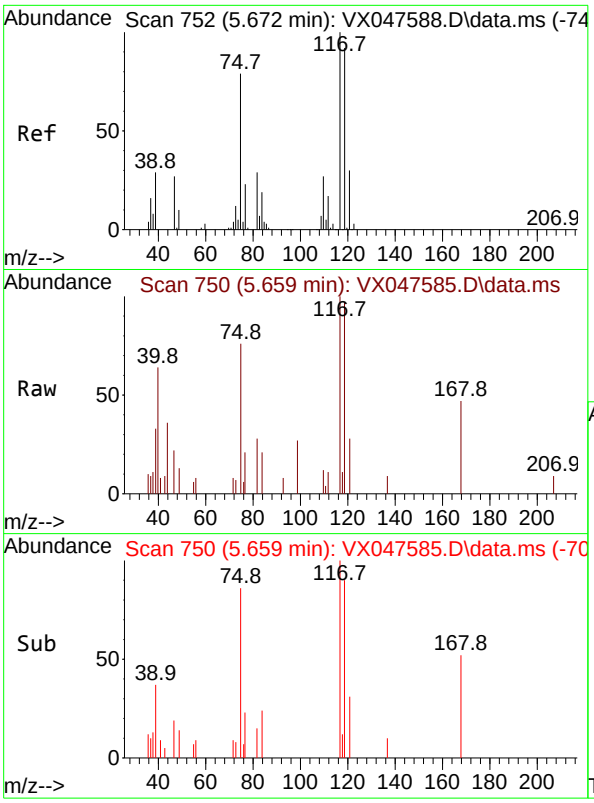


#37
Ethyl Acetate
Concen: 0.818 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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#

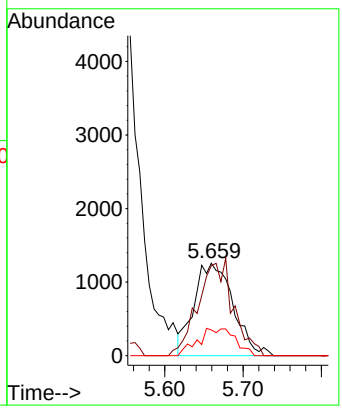




#38
Carbon Tetrachloride
Concen: 0.905 ug/l
RT: 5.659 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

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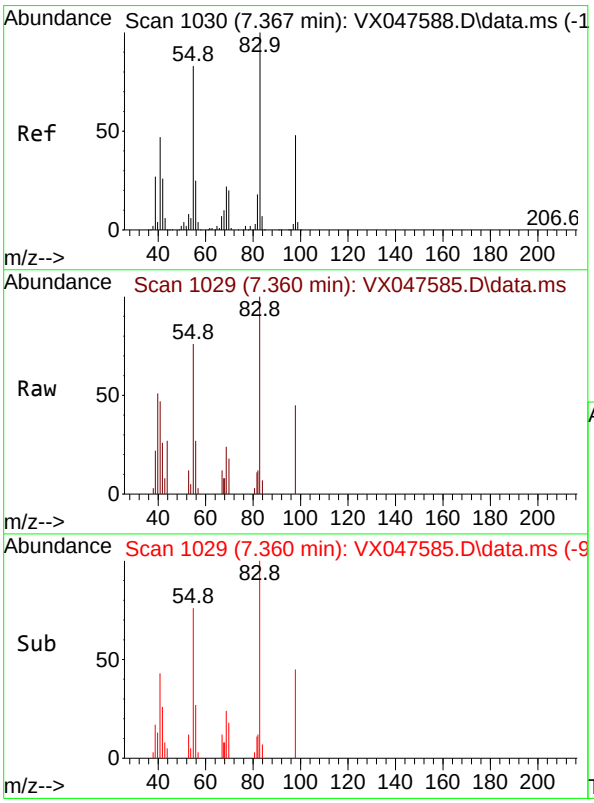
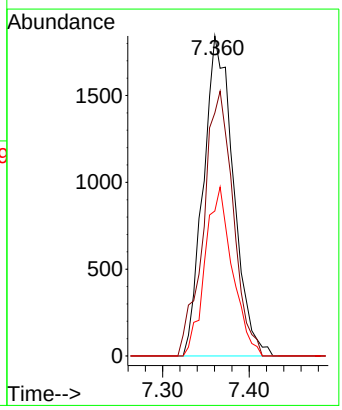
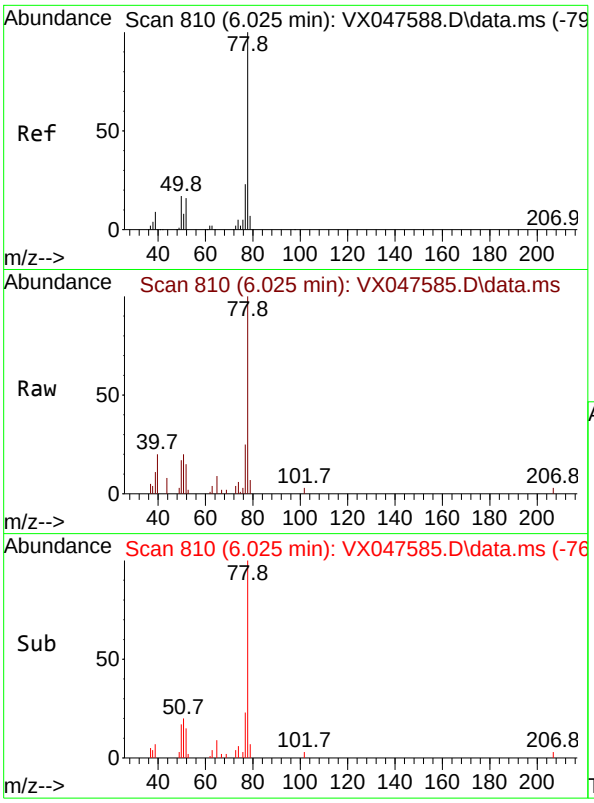


#39
Methylcyclohexane
Concen: 0.882 ug/l
RT: 7.360 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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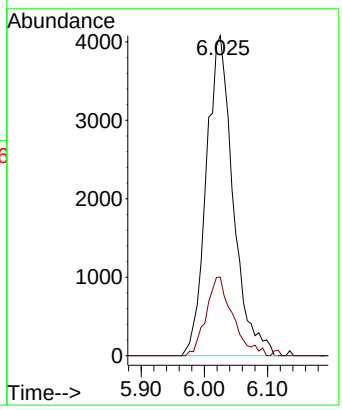
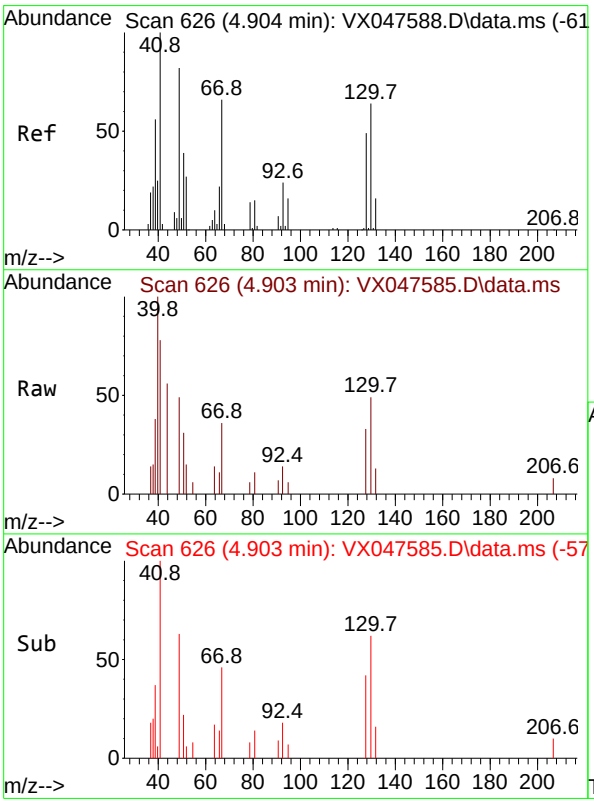
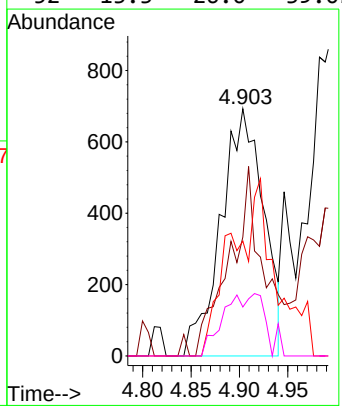


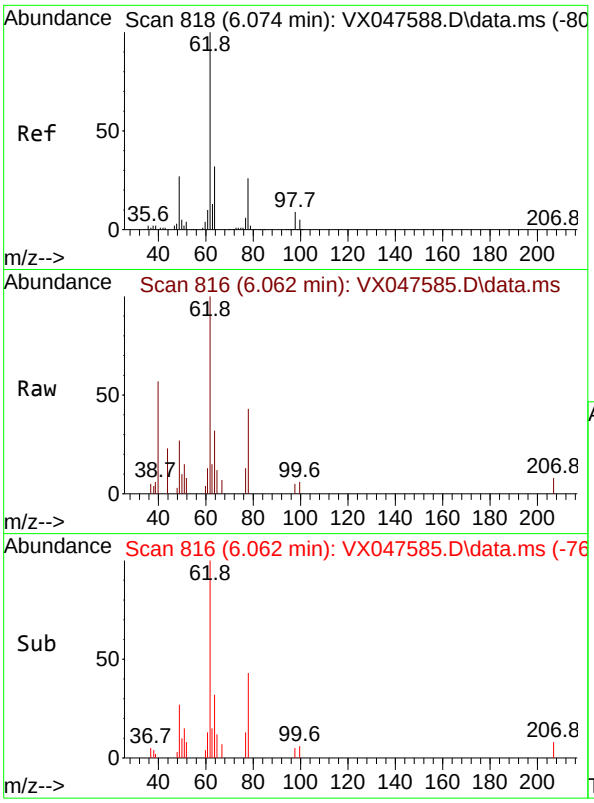


#41
Methacrylonitrile
Concen: 0.870 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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#

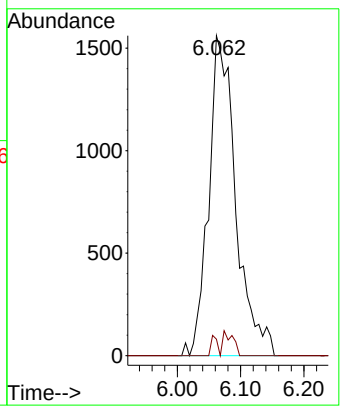




#42
1,2-Dichloroethane
Concen: 0.906 ug/l
RT: 6.062 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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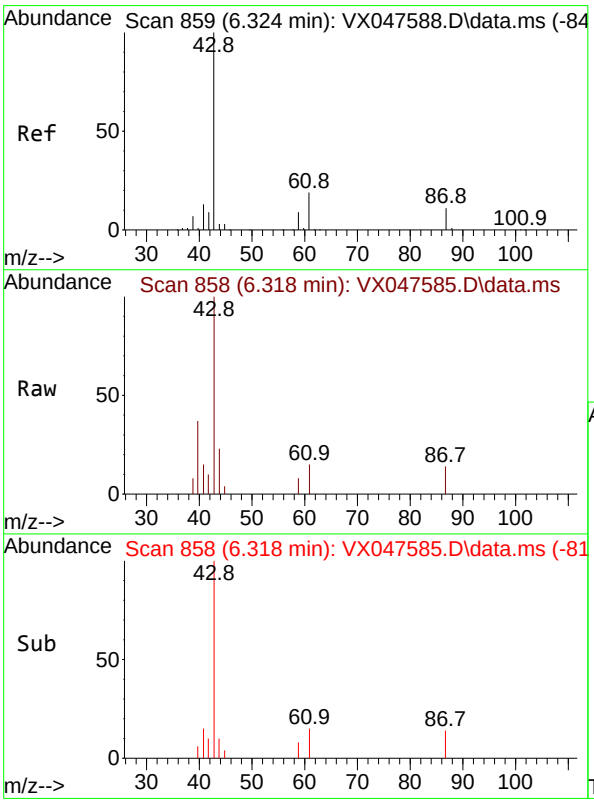
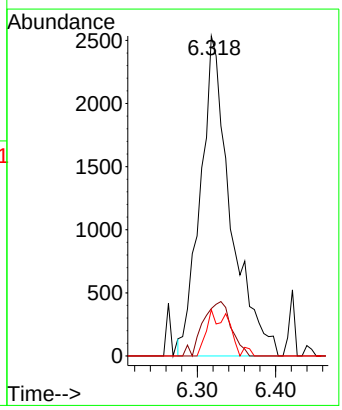
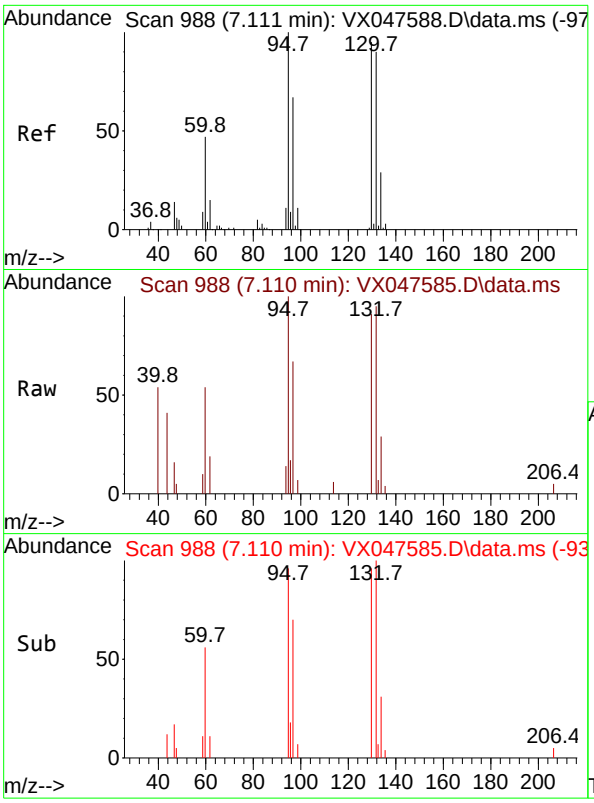


#43
Isopropyl Acetate
Concen: 0.873 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

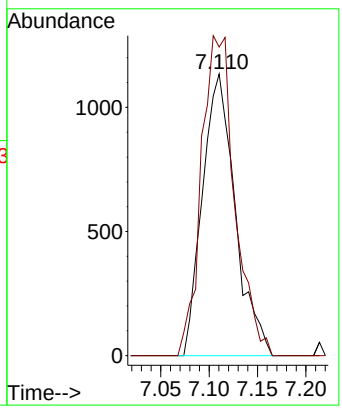




#44
Trichloroethene
Concen: 0.824 ug/l
RT: 7.110 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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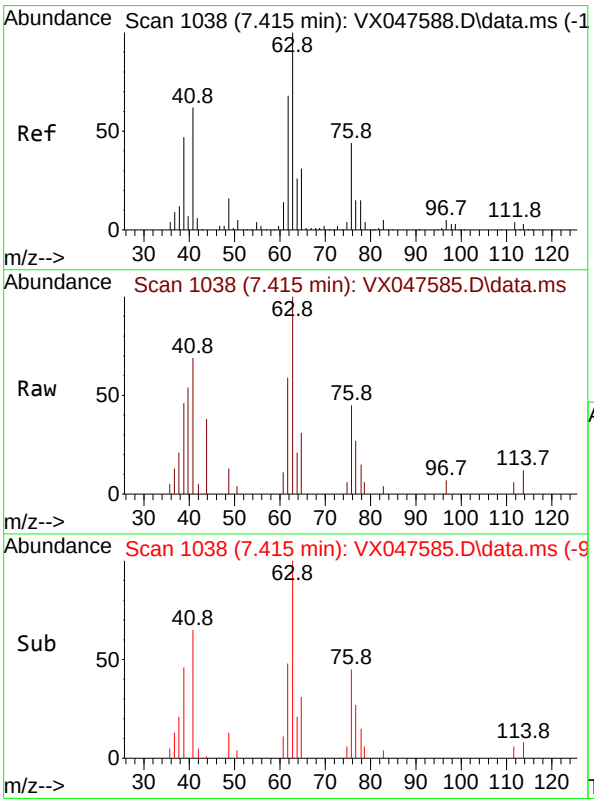
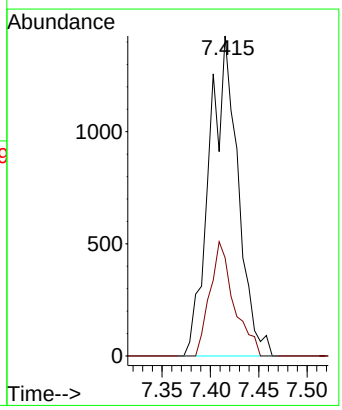
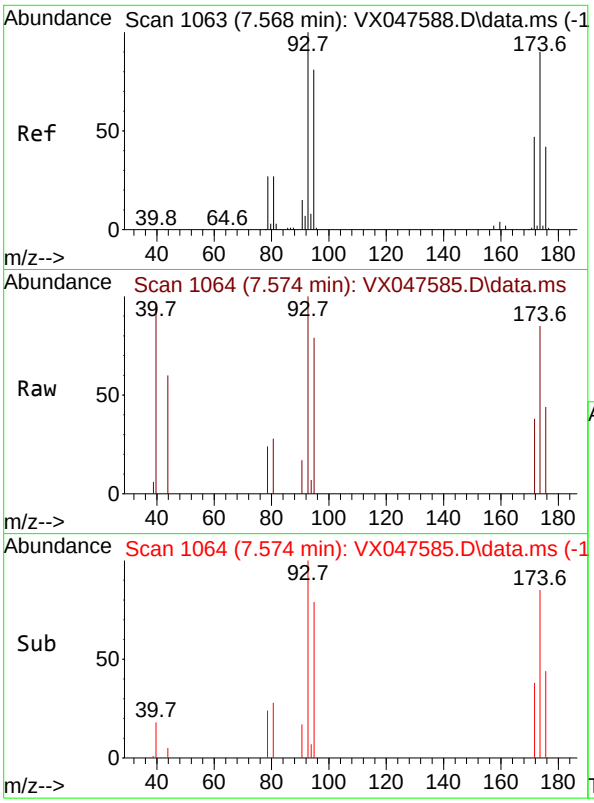


#45
1,2-Dichloropropane
Concen: 0.856 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 2945

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

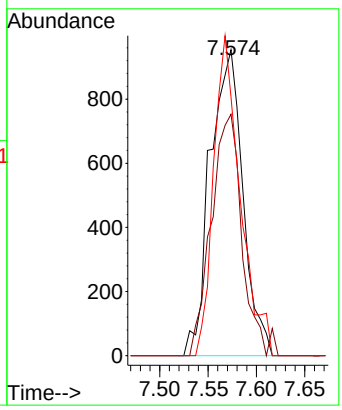




#46
Dibromomethane
Concen: 0.895 ug/l
RT: 7.574 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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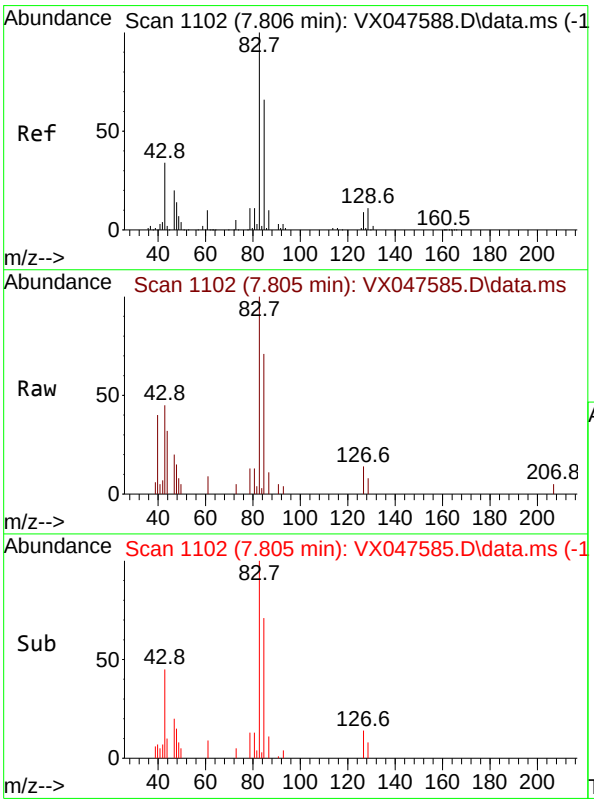
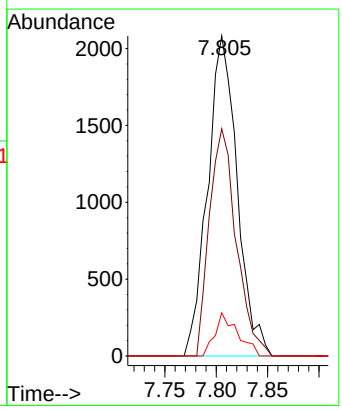
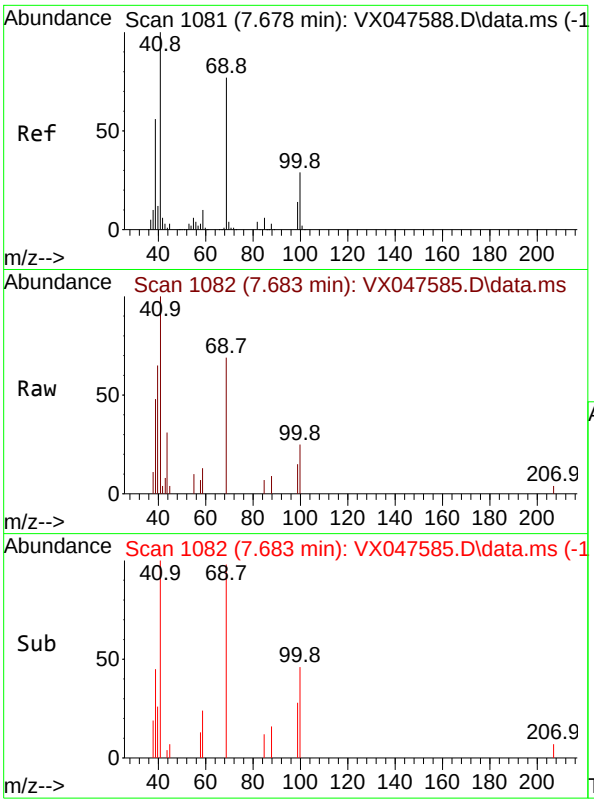


#47
Bromodichloromethane
Concen: 0.806 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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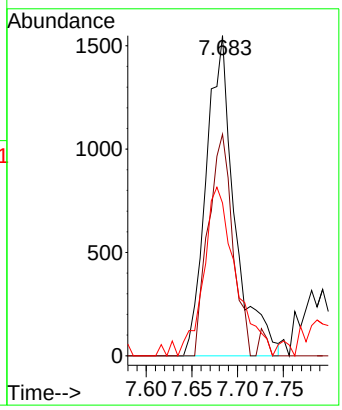
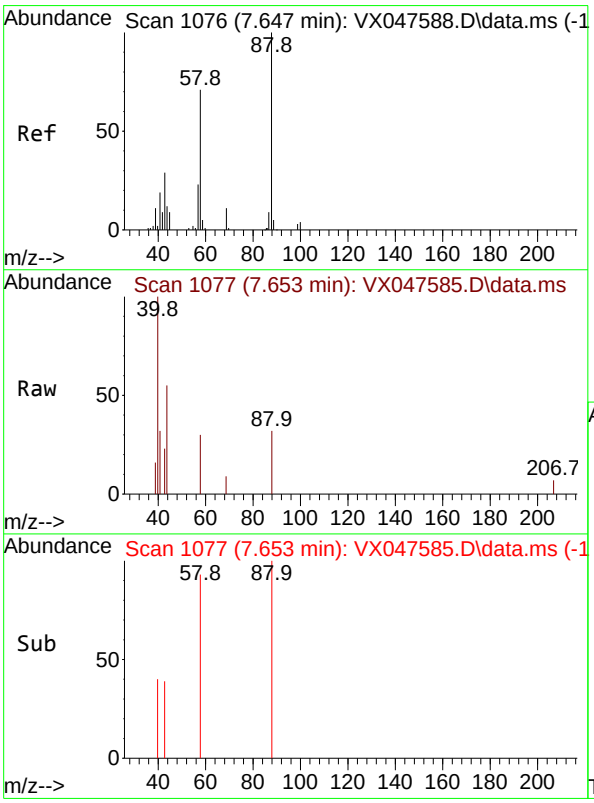
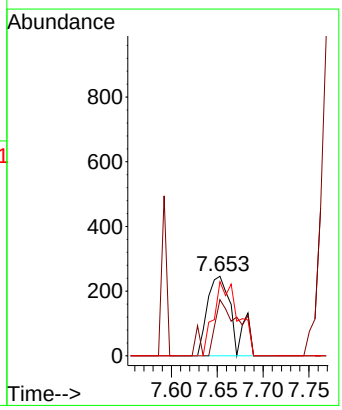


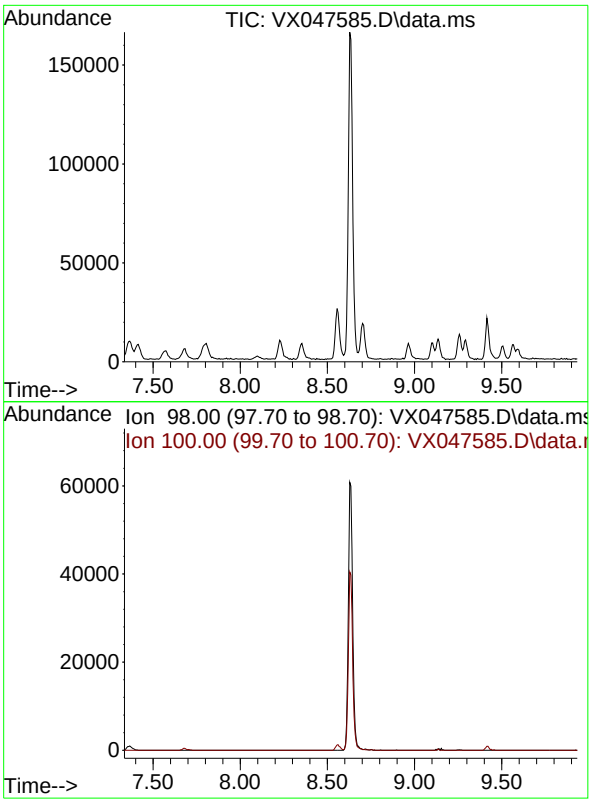


#49
1,4-Dioxane
Concen: 12.477 ug/l m
RT: 7.653 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

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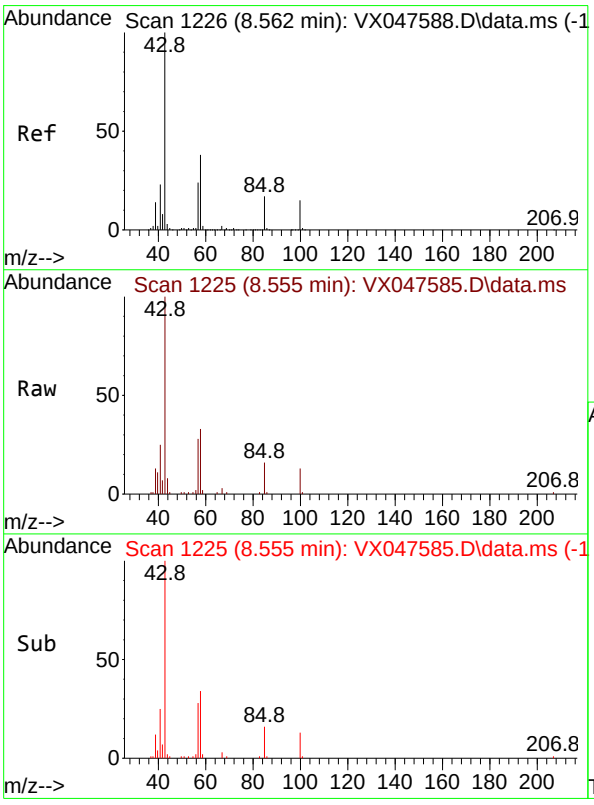
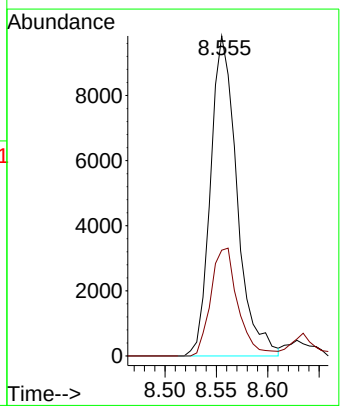
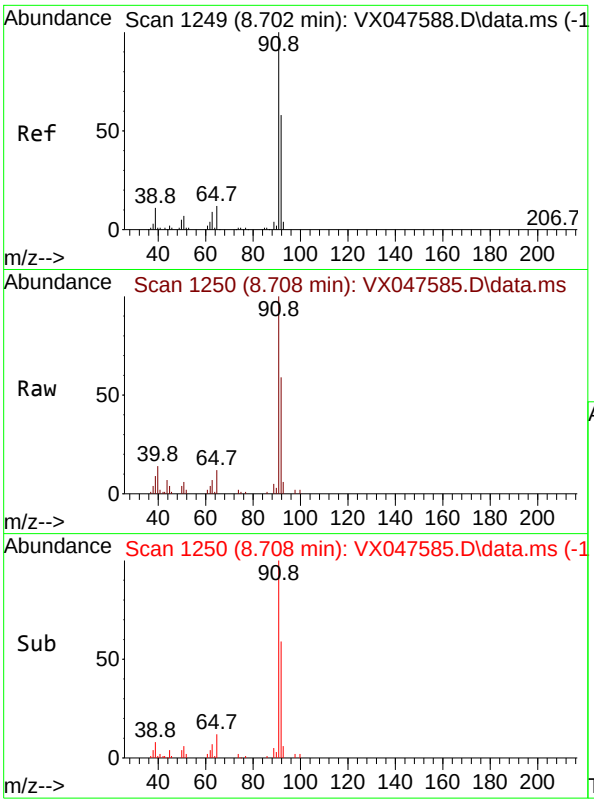


#51
4-Methyl-2-Pentanone
Concen: 4.085 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 17596

Ion	Ratio	Lower	Upper
43	100		
58	34.7	30.3	45.5

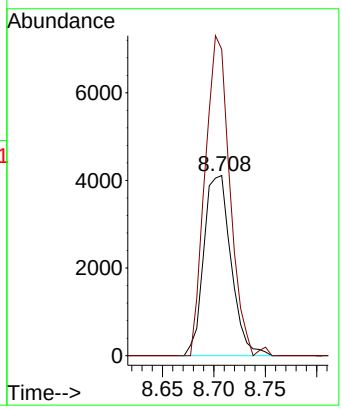




#52
Toluene
Concen: 0.917 ug/l
RT: 8.708 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 92 Resp: 759

Ion	Ratio	Lower	Upper
92	100		
91	160.7	137.1	205.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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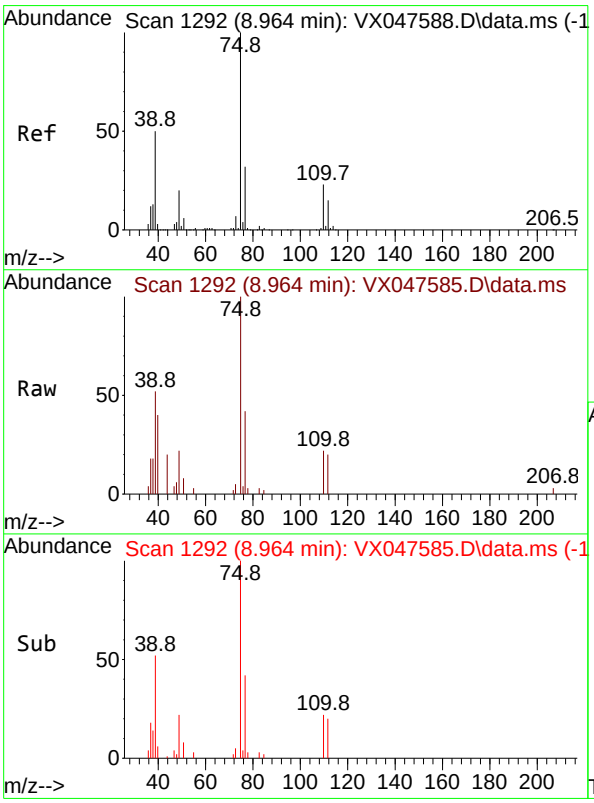
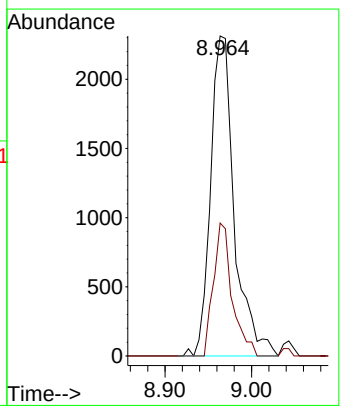
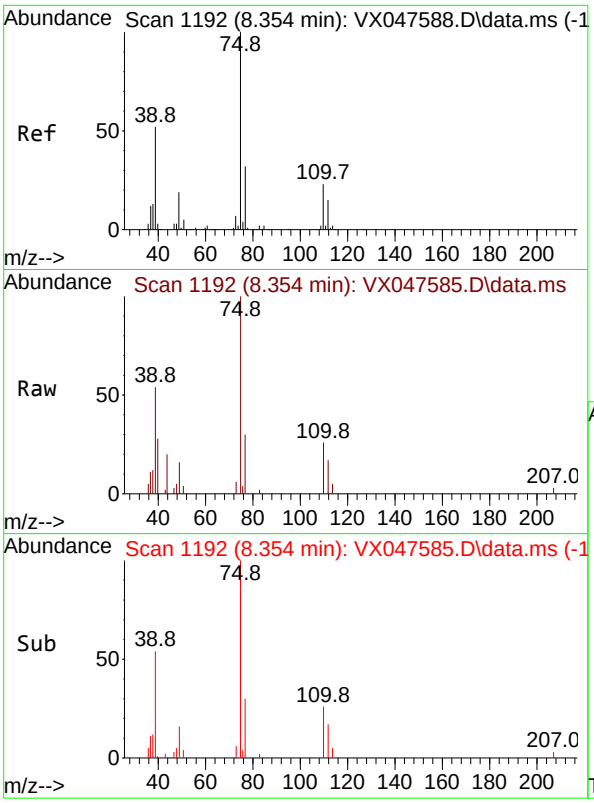


#53
t-1,3-Dichloropropene
Concen: 0.834 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4398

Ion	Ratio	Lower	Upper
75	100		
77	41.5	25.4	38.2#

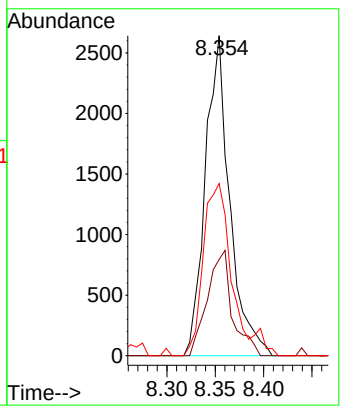




#54
cis-1,3-Dichloropropene
Concen: 0.823 ug/l
RT: 8.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

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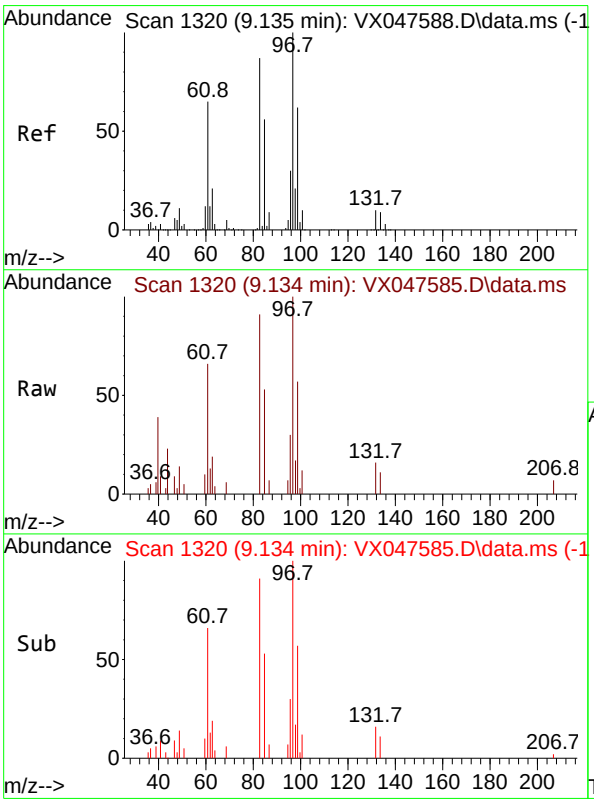
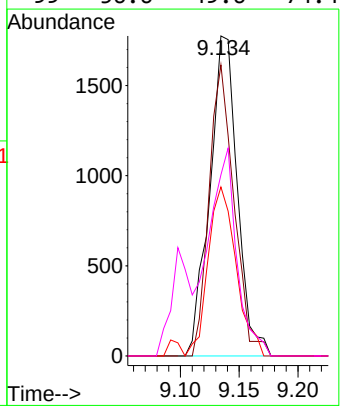
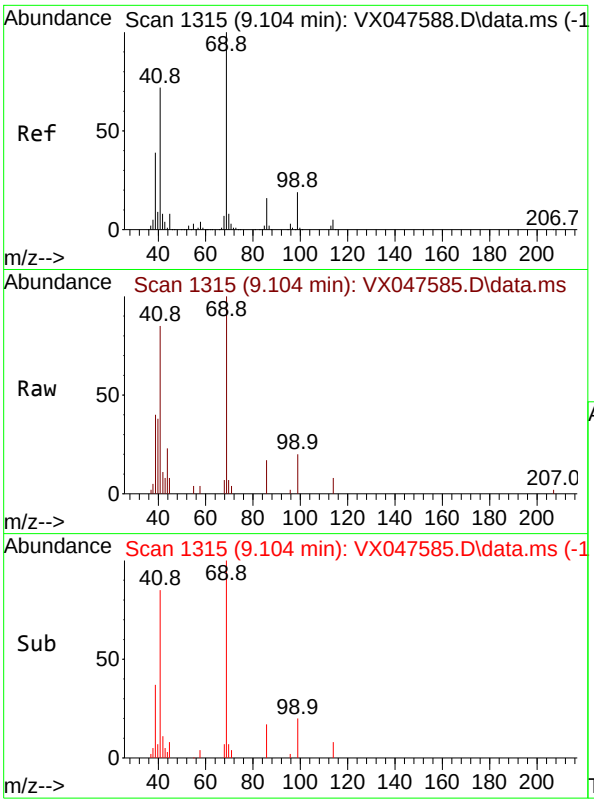


#55
1,1,2-Trichloroethane
Concen: 0.914 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

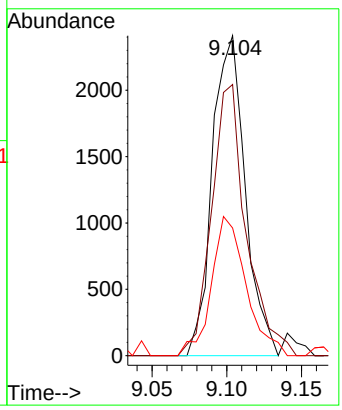




#56
Ethyl methacrylate
Concen: 0.734 ug/l
RT: 9.104 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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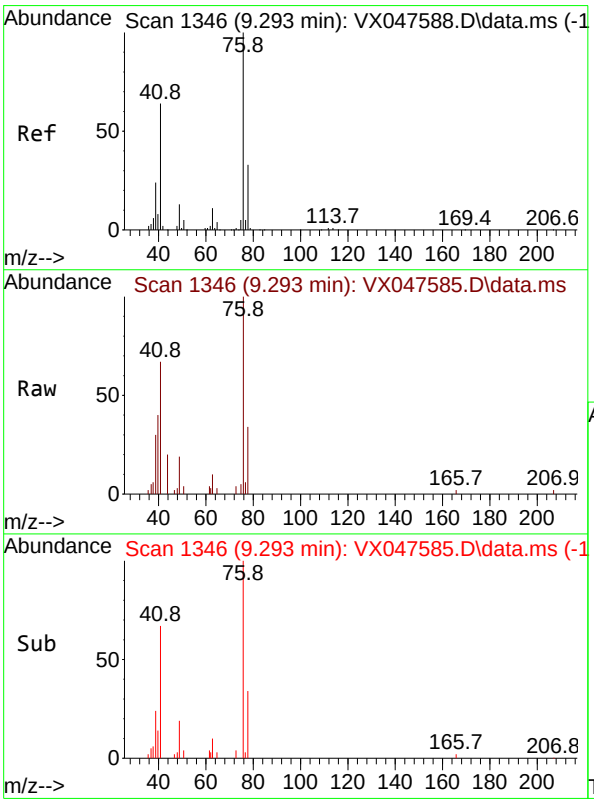
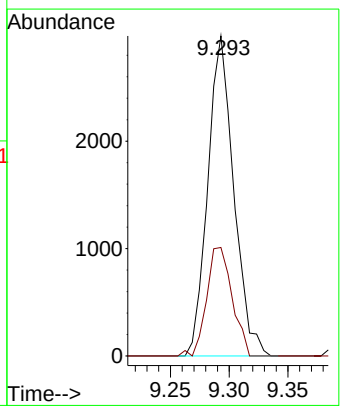
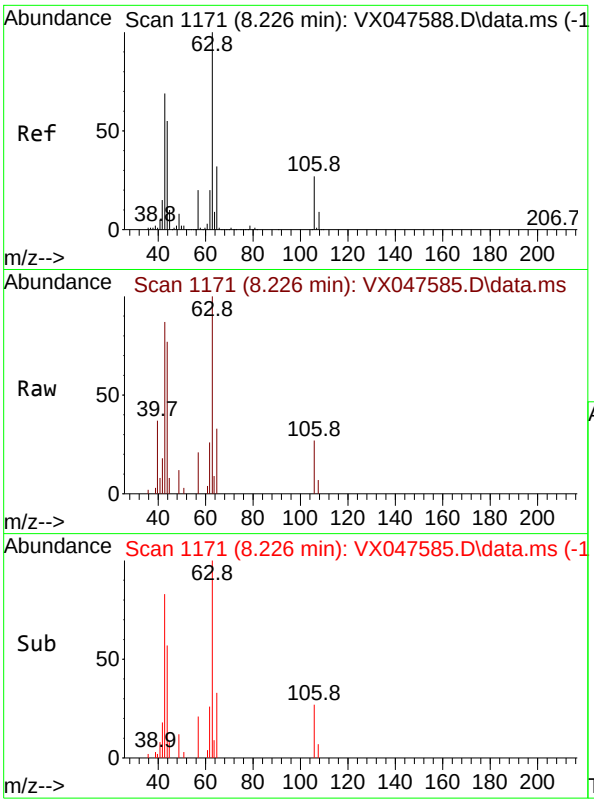


#57
1,3-Dichloropropane
Concen: 0.835 ug/l
RT: 9.293 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 76 Resp: 4580

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.4

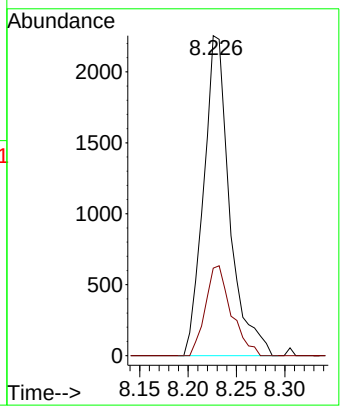




#58
2-Chloroethyl Vinyl ether
Concen: 9.665 ug/l
RT: 8.226 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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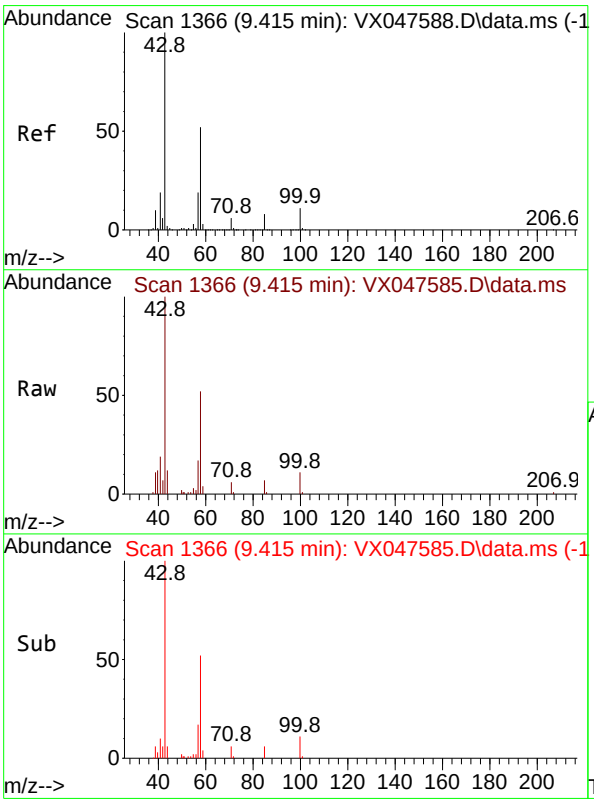
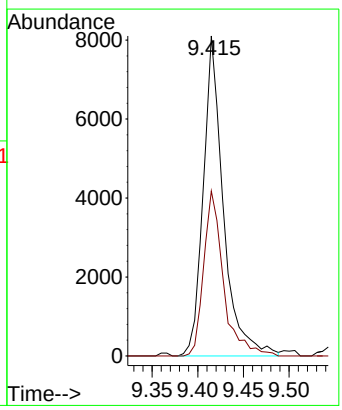
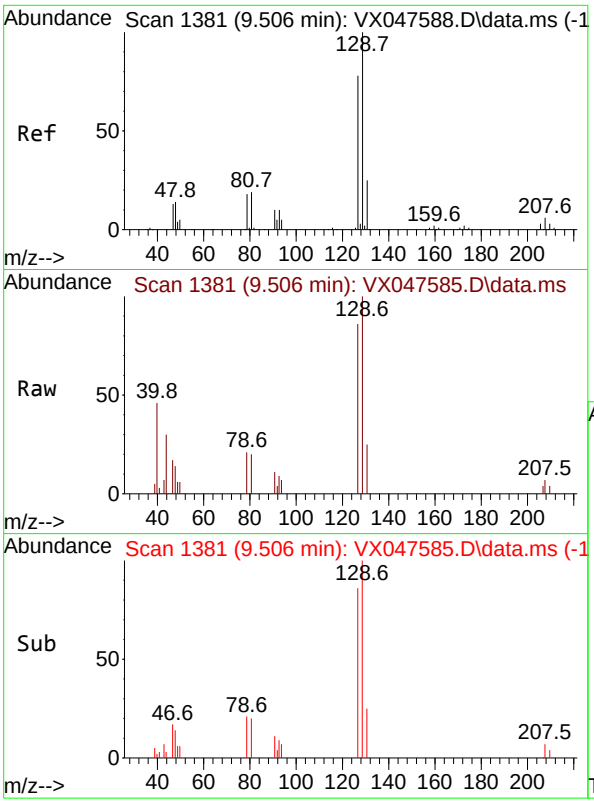


#59
2-Hexanone
Concen: 4.003 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 12385

Ion	Ratio	Lower	Upper
43	100		
58	50.7	26.1	78.2

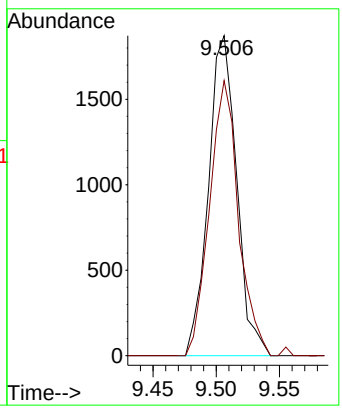




#60
Dibromochloromethane
Concen: 0.789 ug/l
RT: 9.506 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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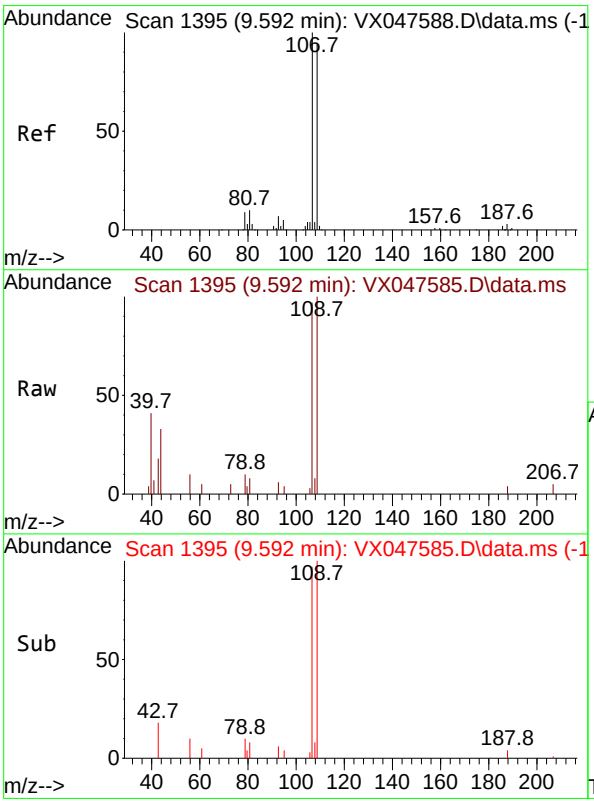
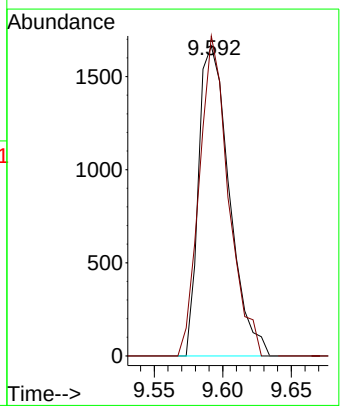
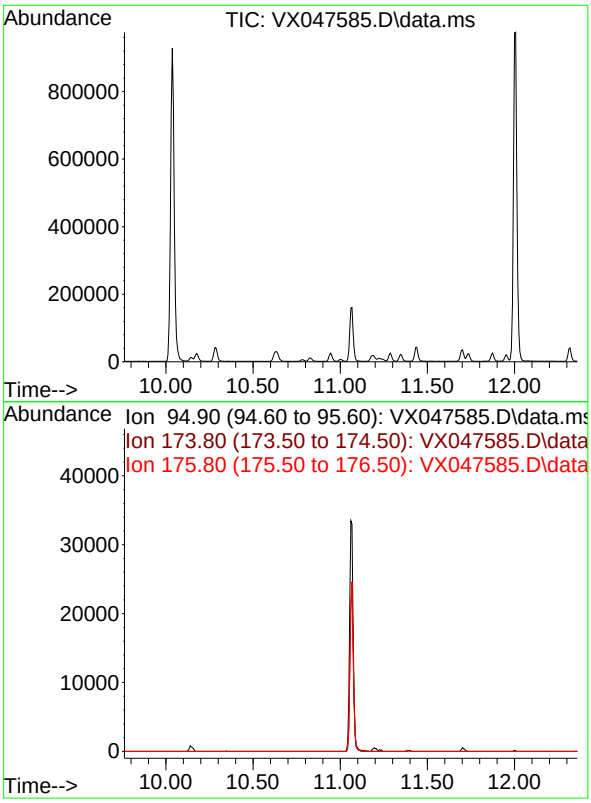


#61
1,2-Dibromoethane
Concen: 0.798 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

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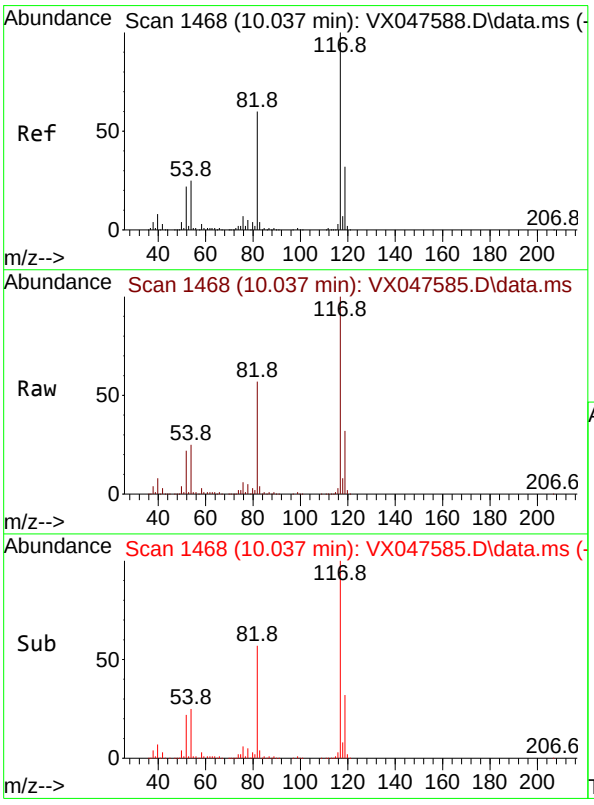
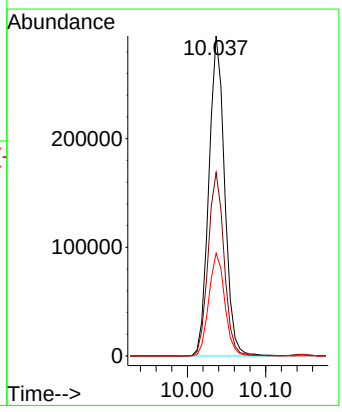
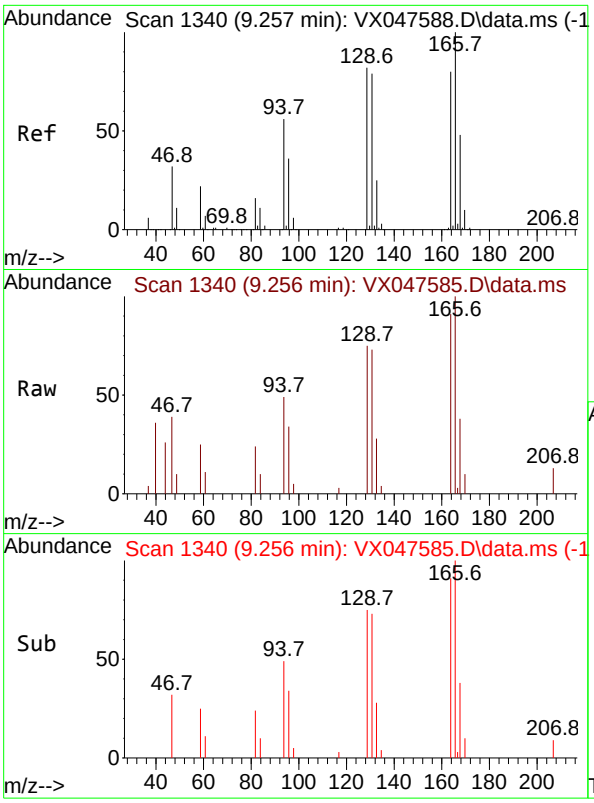


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

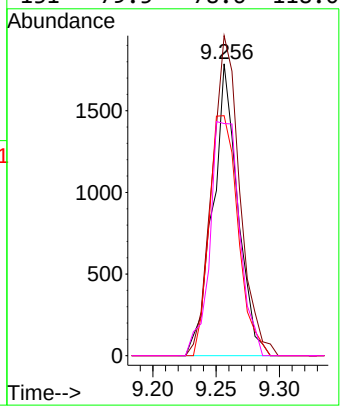




#64
Tetrachloroethene
Concen: 0.917 ug/l
RT: 9.256 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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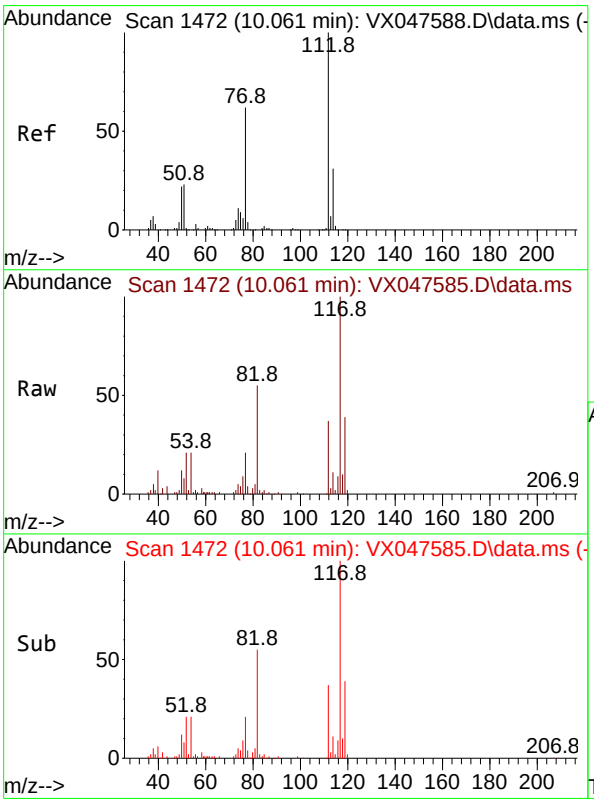
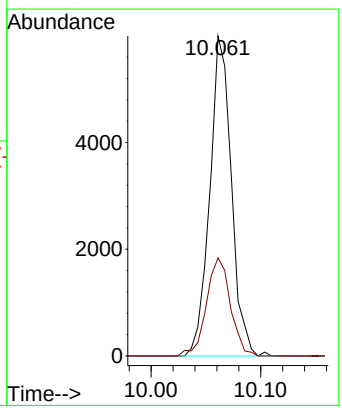
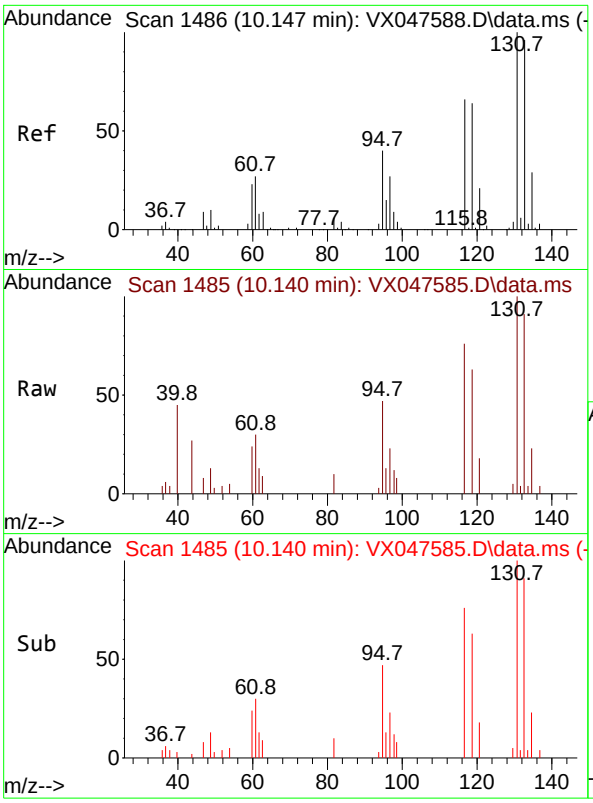


#65
Chlorobenzene
Concen: 0.879 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:112 Resp: 8202

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.1	37.7

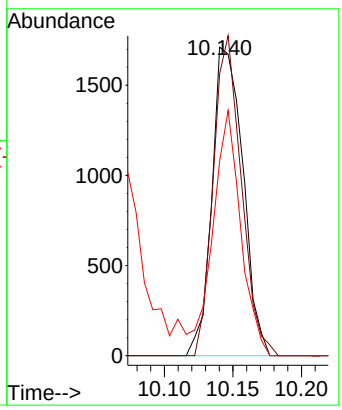




#66
1,1,1,2-Tetrachloroethane
Concen: 0.833 ug/l
RT: 10.140 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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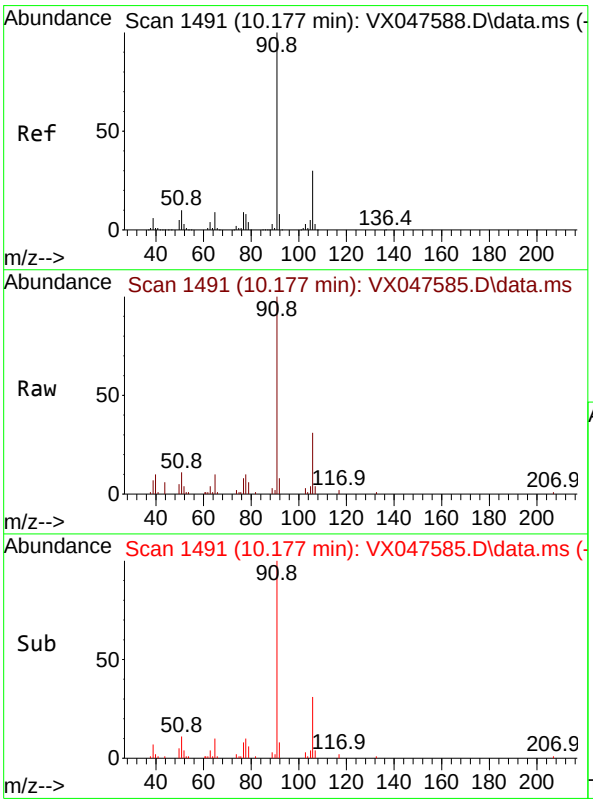
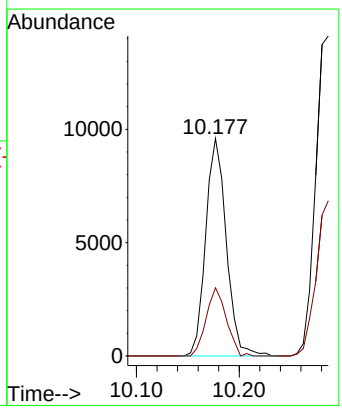
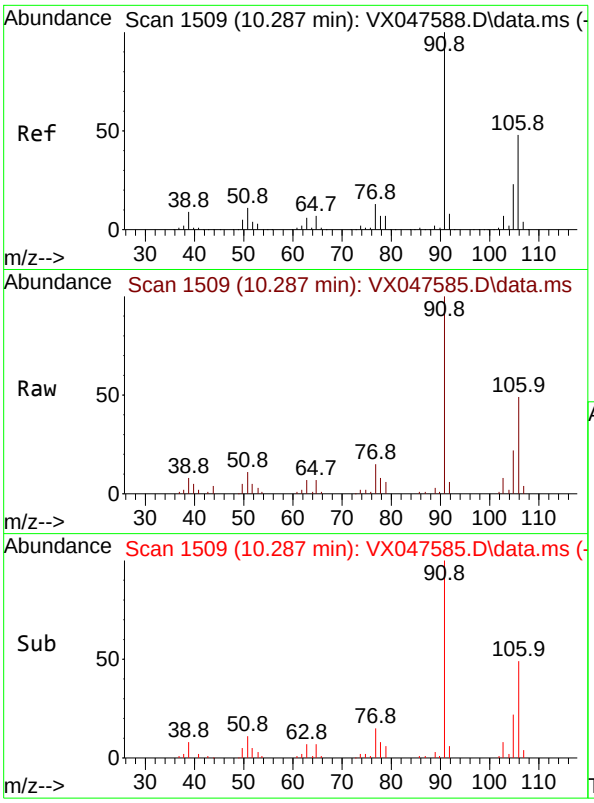


#67
Ethyl Benzene
Concen: 0.829 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 13360

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5

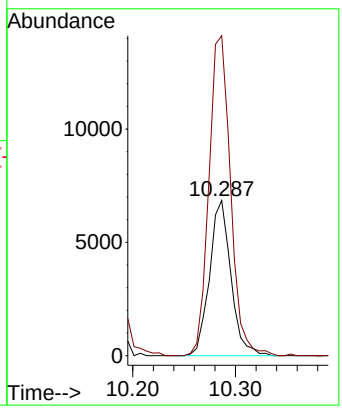




#68
m/p-Xylenes
Concen: 1.655 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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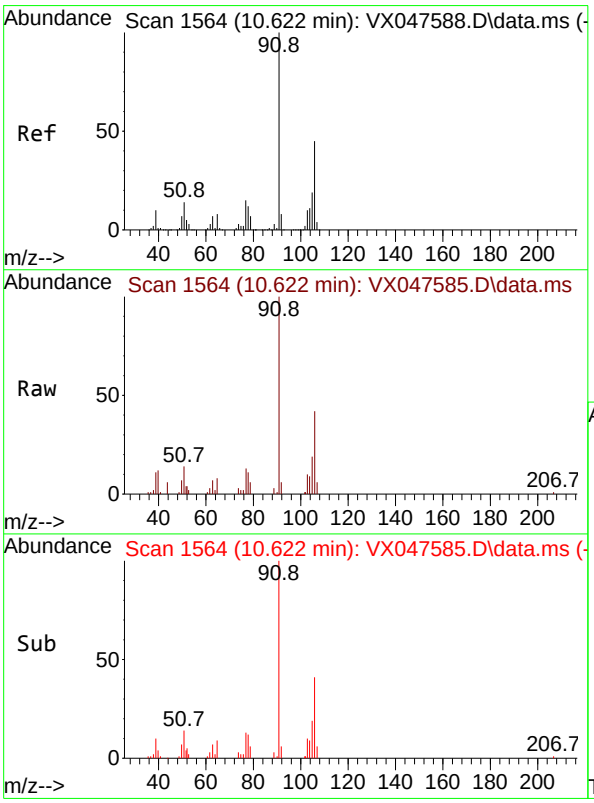
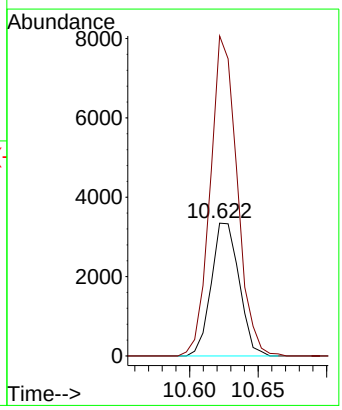
Supervised By :Mahesh Dadoda 09/18/2025

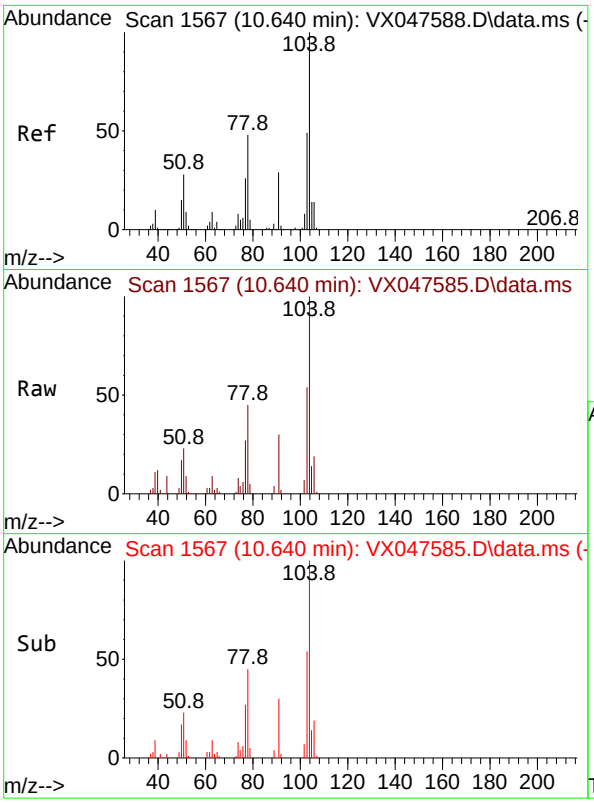


#69
o-Xylene
Concen: 0.816 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:106 Resp: 4734

Ion	Ratio	Lower	Upper
106	100		
91	232.4	111.1	333.4

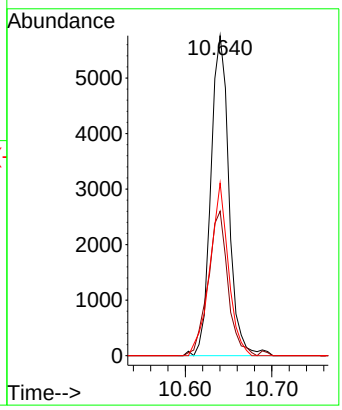




#70
Styrene
Concen: 0.824 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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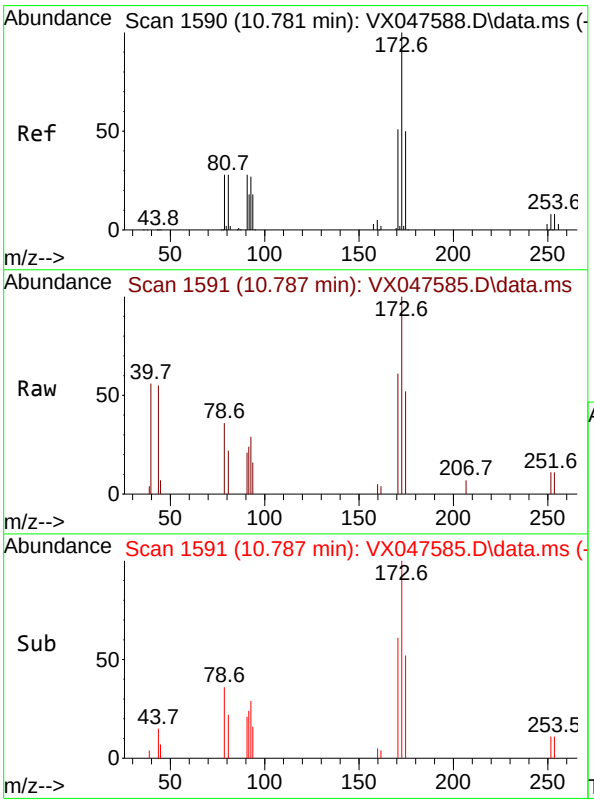
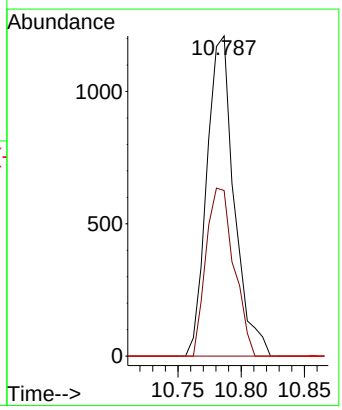
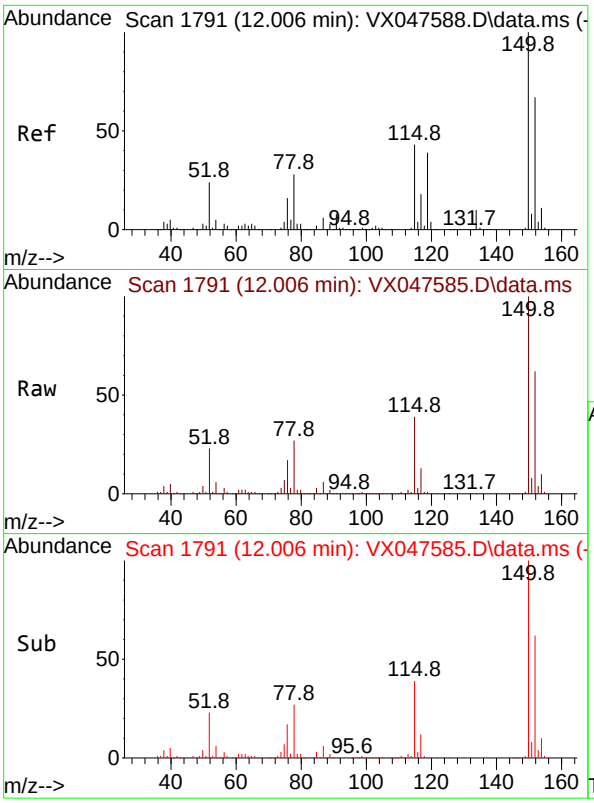


#71
Bromoform
Concen: 0.755 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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#

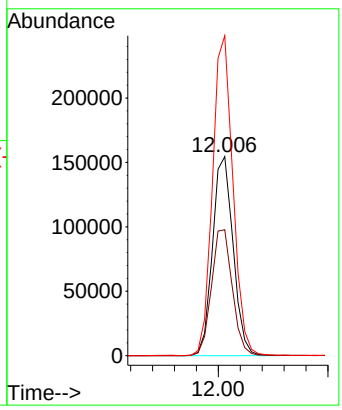




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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 :
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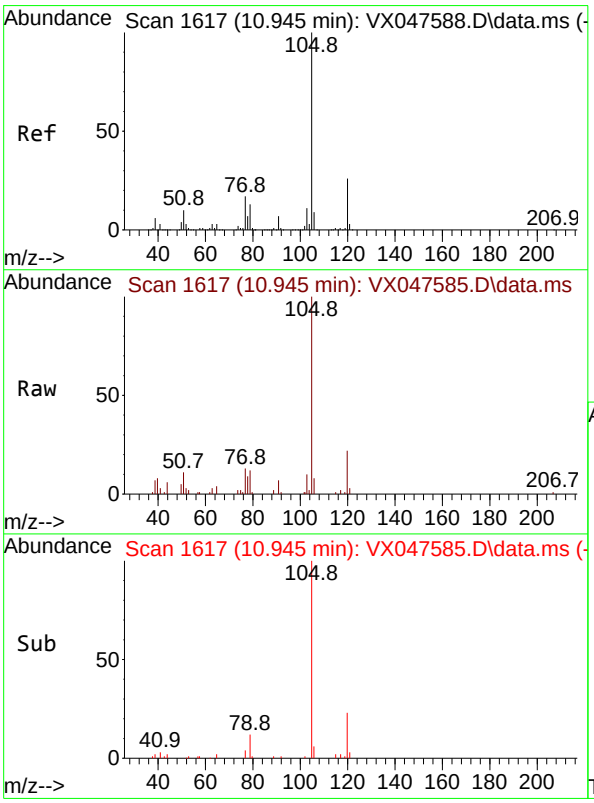
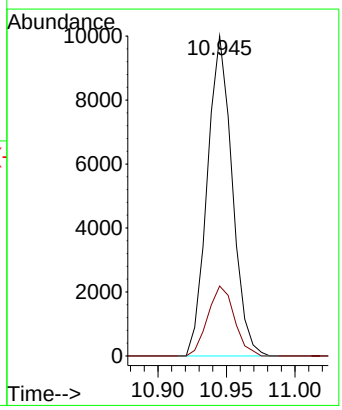
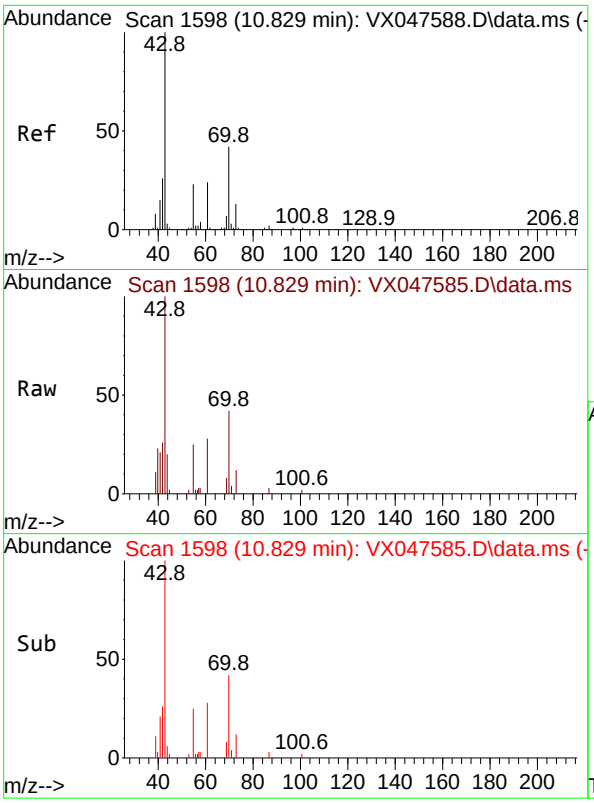


#73
Isopropylbenzene
Concen: 0.822 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 12618

Ion	Ratio	Lower	Upper
105	100		
120	23.4	12.8	38.4

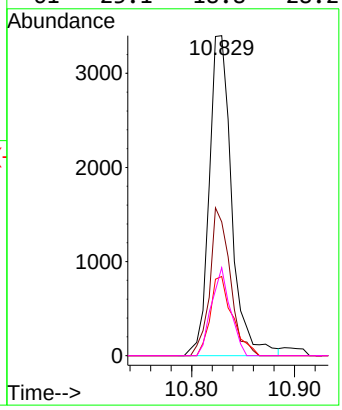




#74
N-amyl acetate
Concen: 0.737 ug/l
RT: 10.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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 :
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ClientSampleId :
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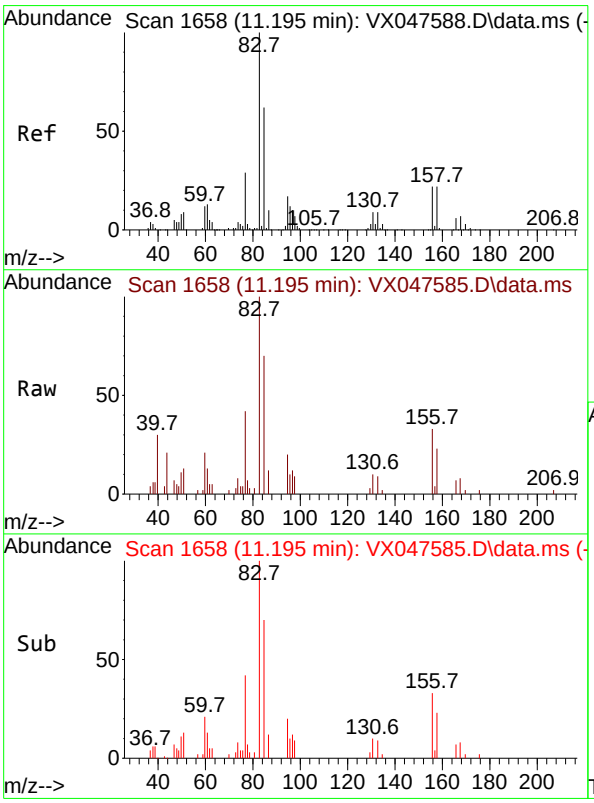
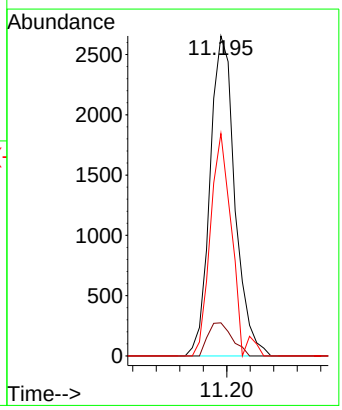
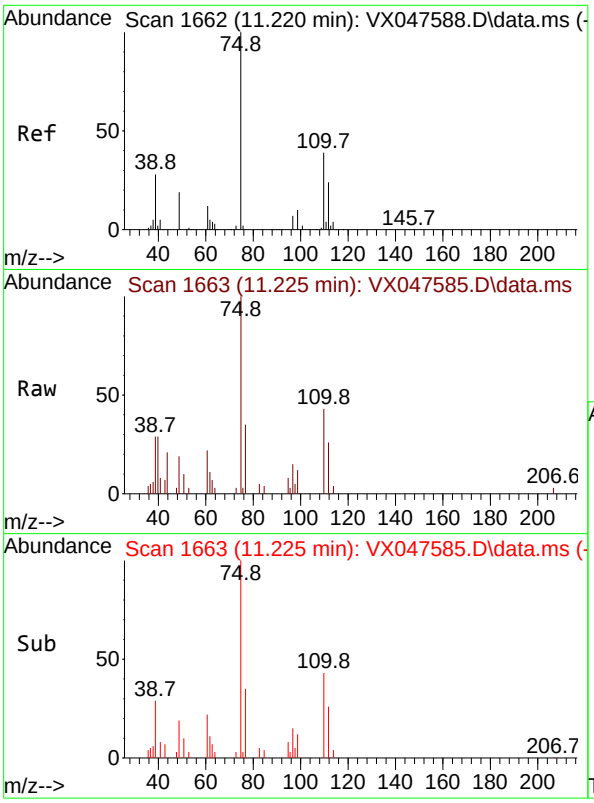


#75
1,1,2,2-Tetrachloroethane
Concen: 0.839 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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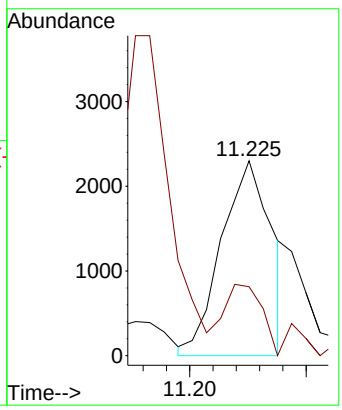
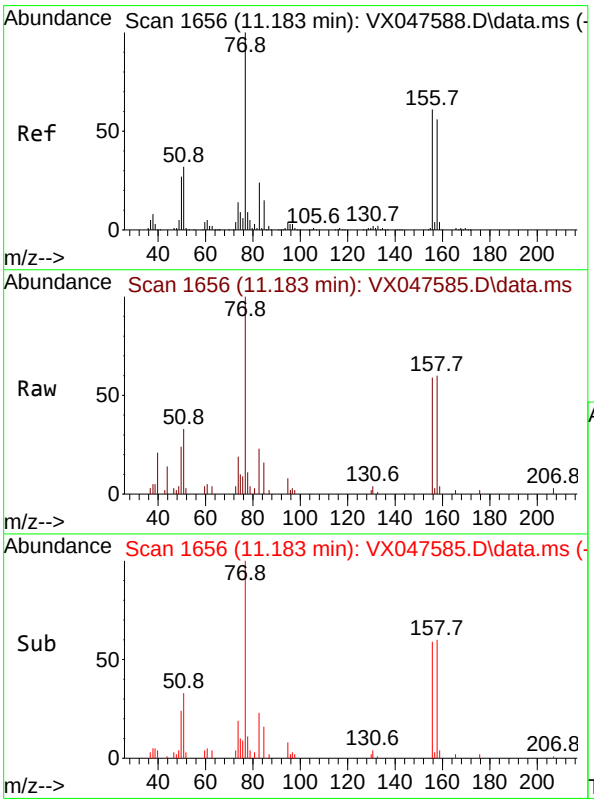
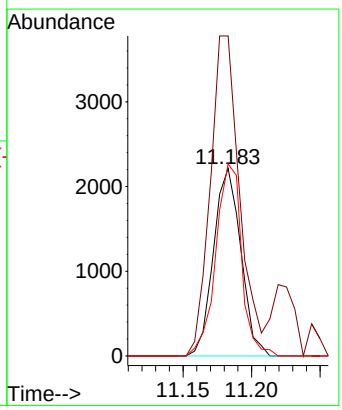


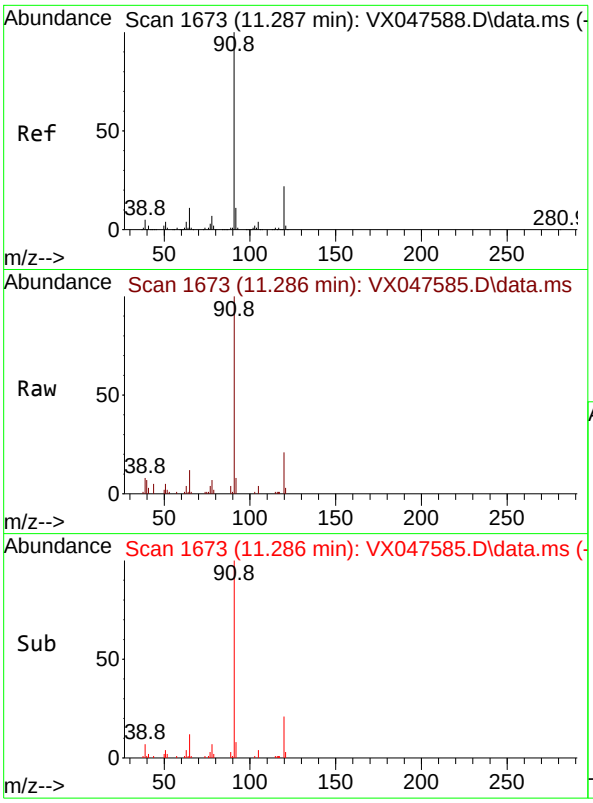


#77
Bromobenzene
Concen: 0.811 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

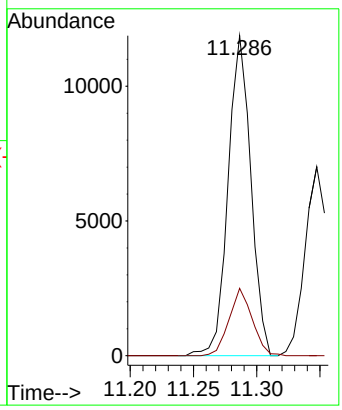




#78
n-propylbenzene
Concen: 0.819 ug/l
RT: 11.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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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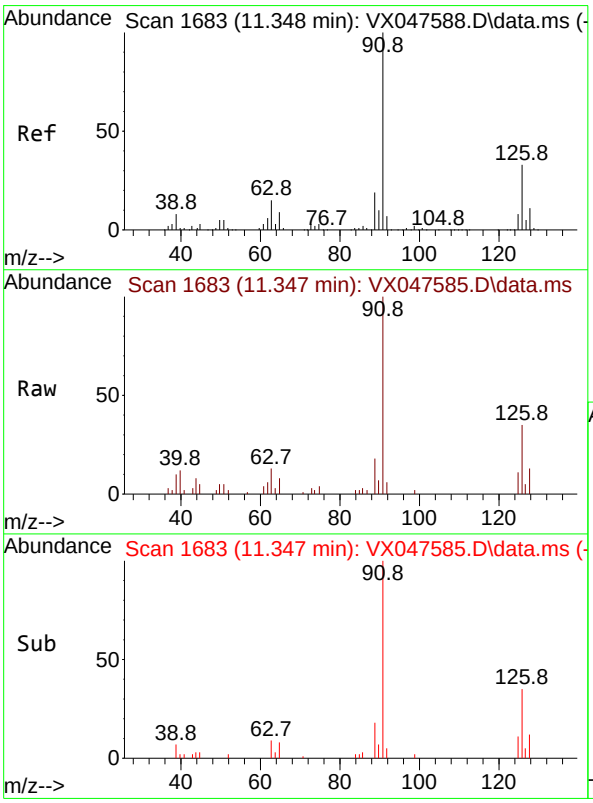
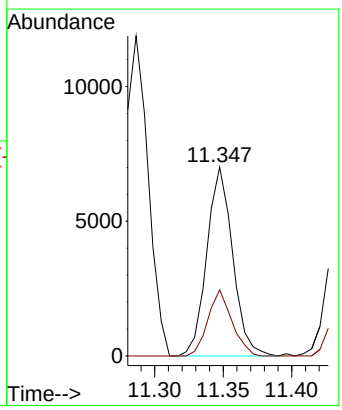
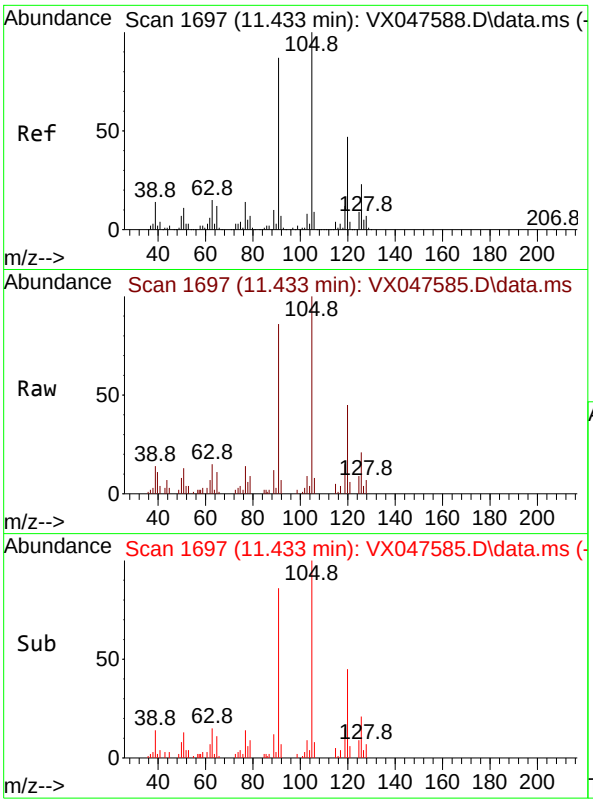


#79
2-Chlorotoluene
Concen: 0.827 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 9195

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.3

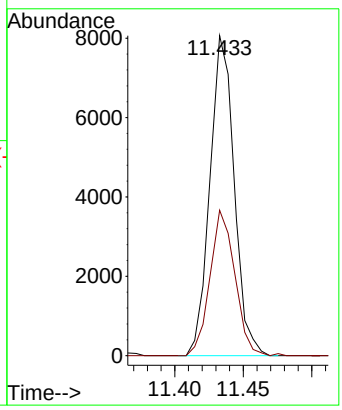




#80
1,3,5-Trimethylbenzene
Concen: 0.787 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 992

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.6	70.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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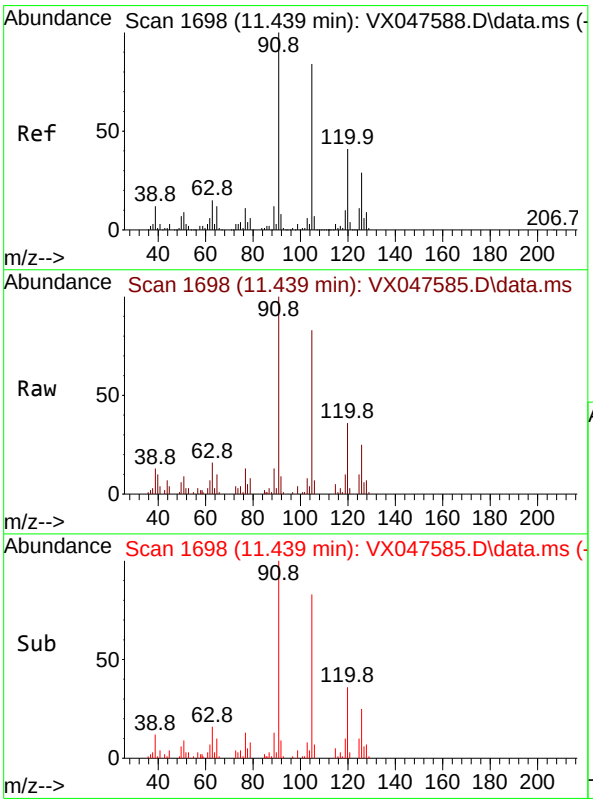
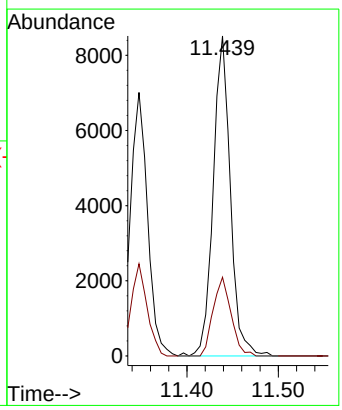
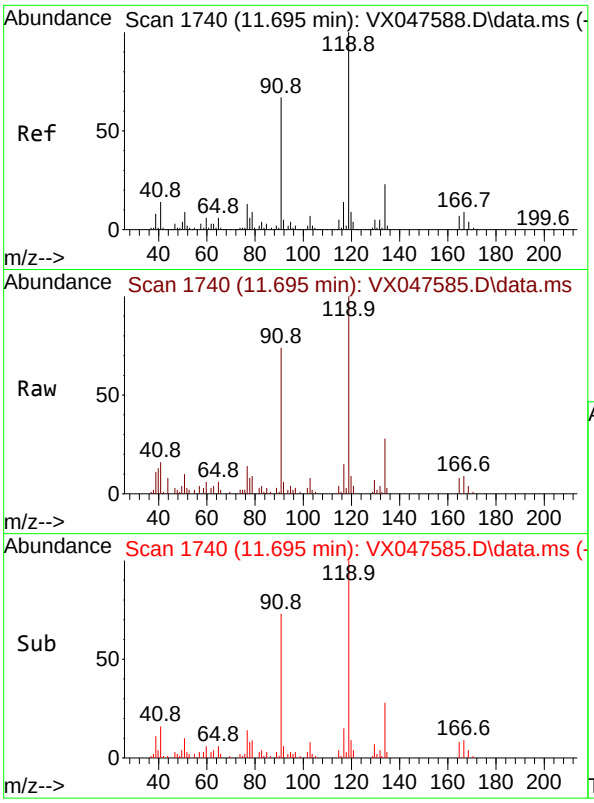


#82
4-Chlorotoluene
Concen: 0.847 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 11123

Ion	Ratio	Lower	Upper
91	100		
126	25.8	14.2	42.6

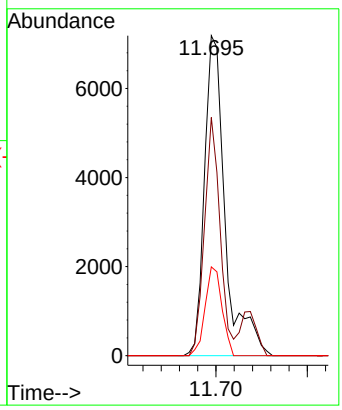




#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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



Instrument :
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ClientSampleId :
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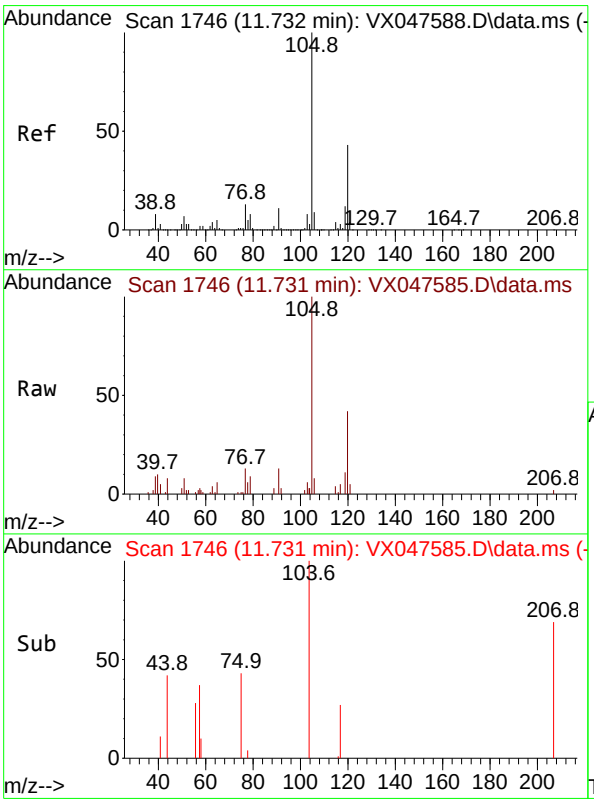
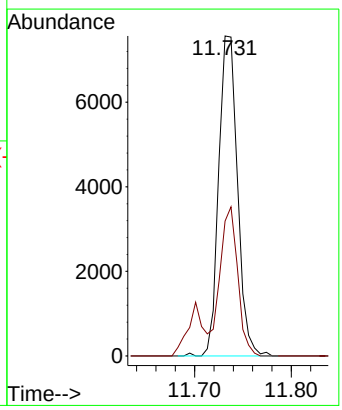
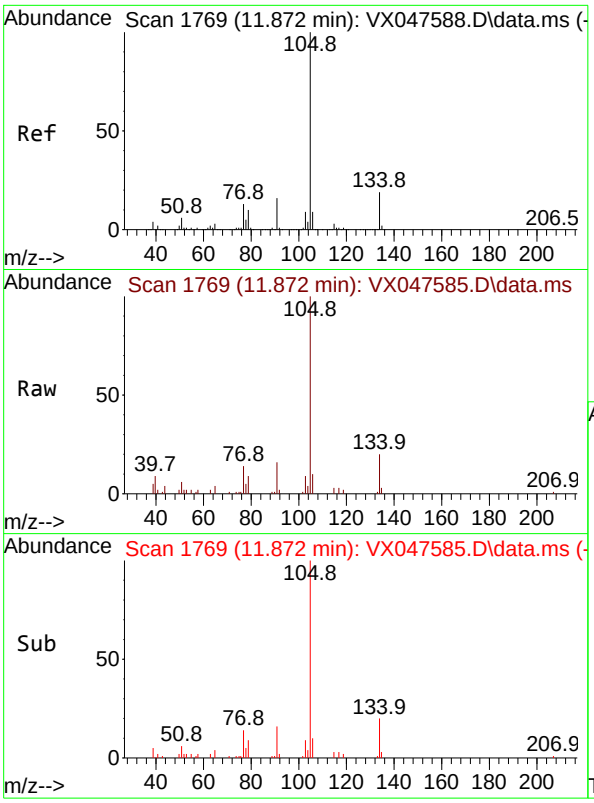


#84
1,2,4-Trimethylbenzene
Concen: 0.796 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 10187

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1

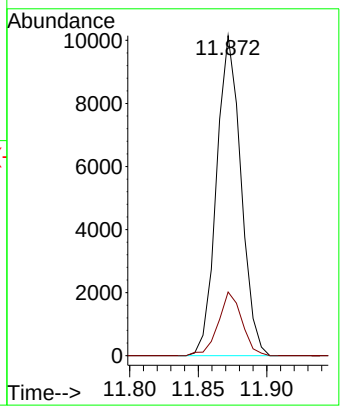




#85
sec-Butylbenzene
Concen: 0.819 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 1256

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5



Instrument :
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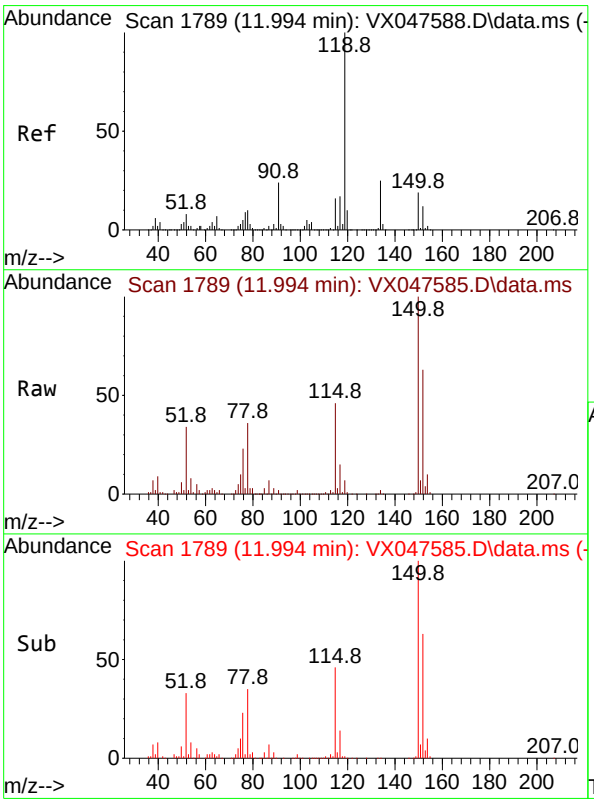
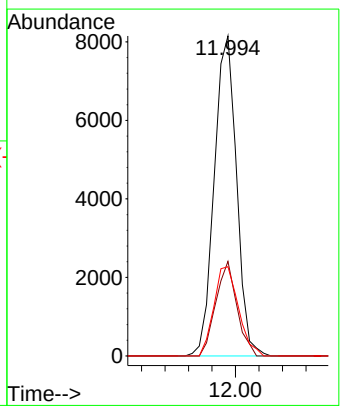
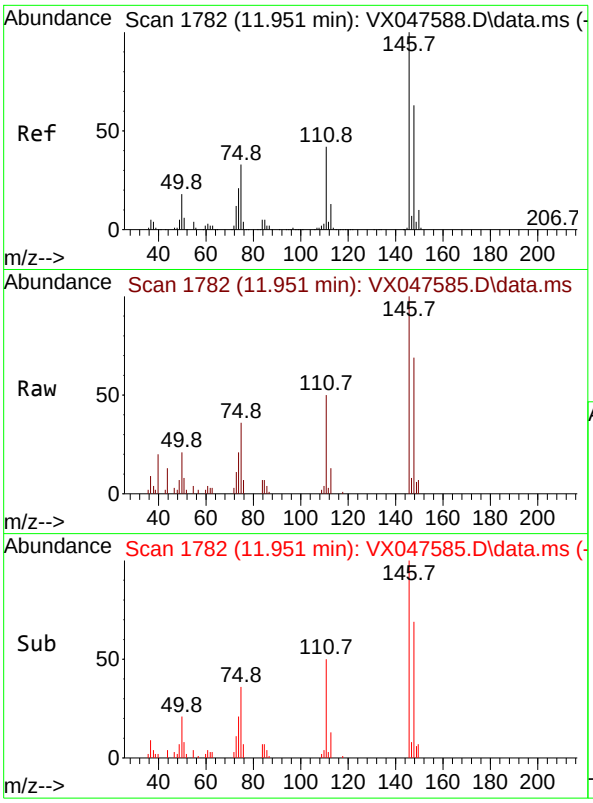


#86
p-Isopropyltoluene
Concen: 0.827 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

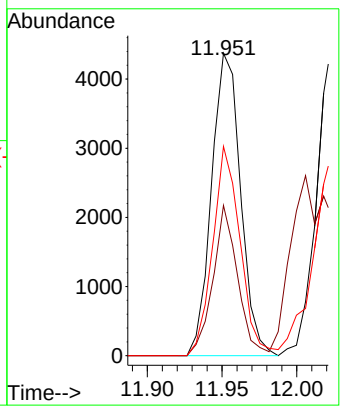




#87
1,3-Dichlorobenzene
Concen: 0.841 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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 :
VSTDICC001

Manual Integrations
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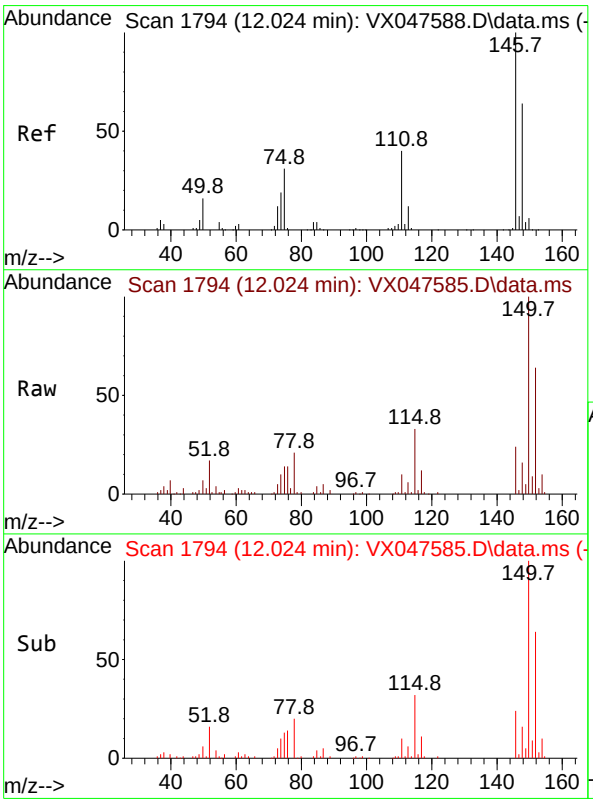
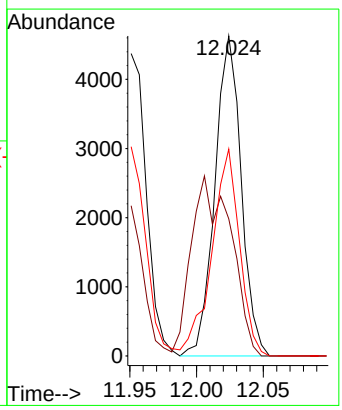
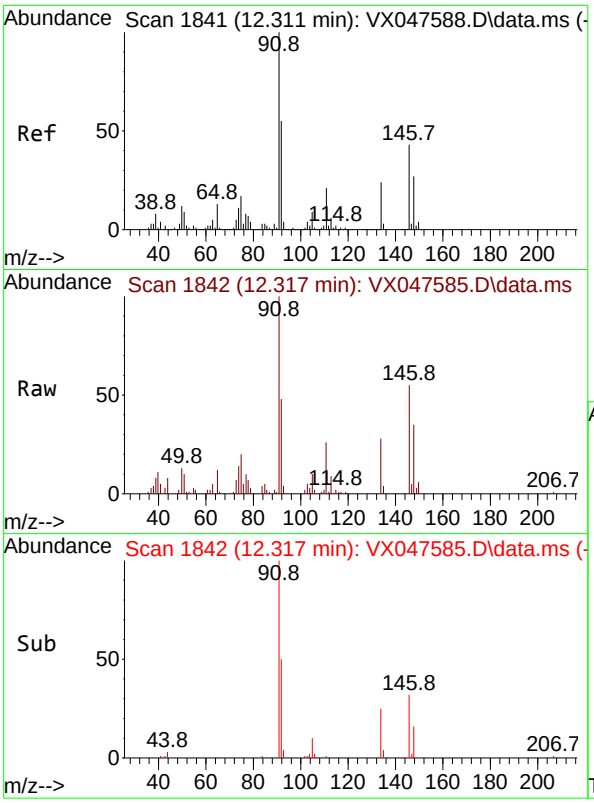


#88
1,4-Dichlorobenzene
Concen: 0.880 ug/l m
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

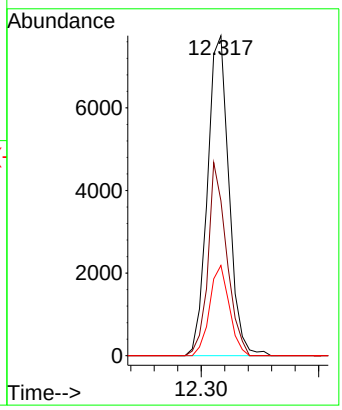




#89
n-Butylbenzene
Concen: 0.816 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 981

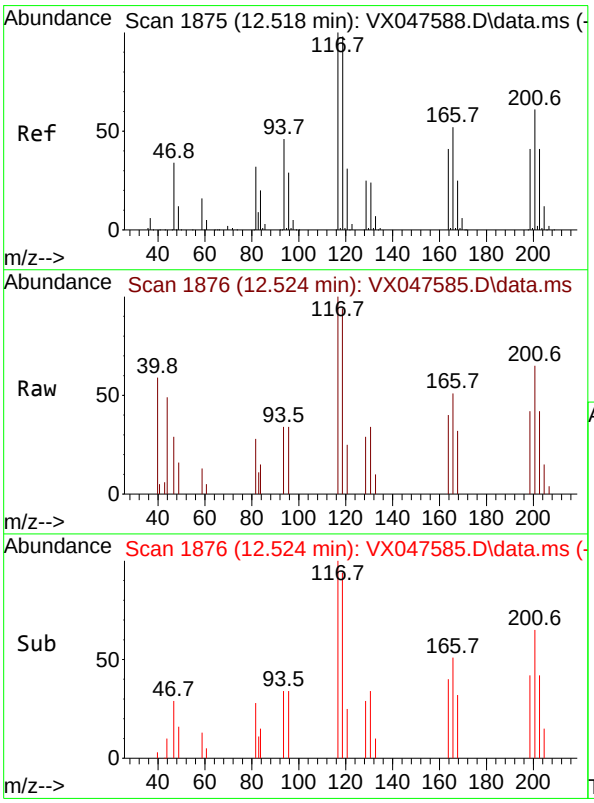
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.6	82.7
134	25.9	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

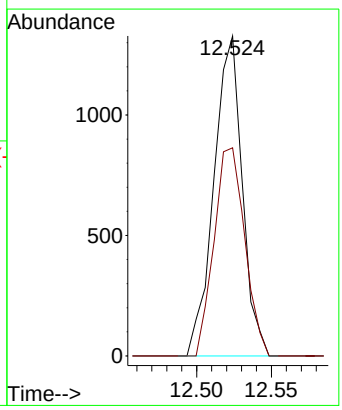
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

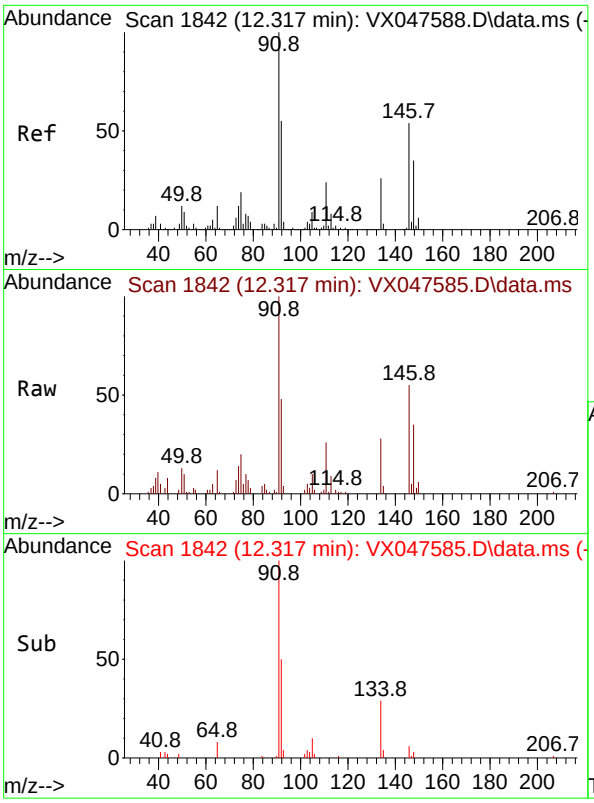


#90
Hexachloroethane
Concen: 0.768 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 1752

Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.2	102.5

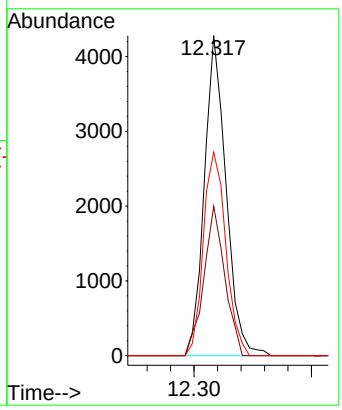




#91
1,2-Dichlorobenzene
Concen: 0.820 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 549

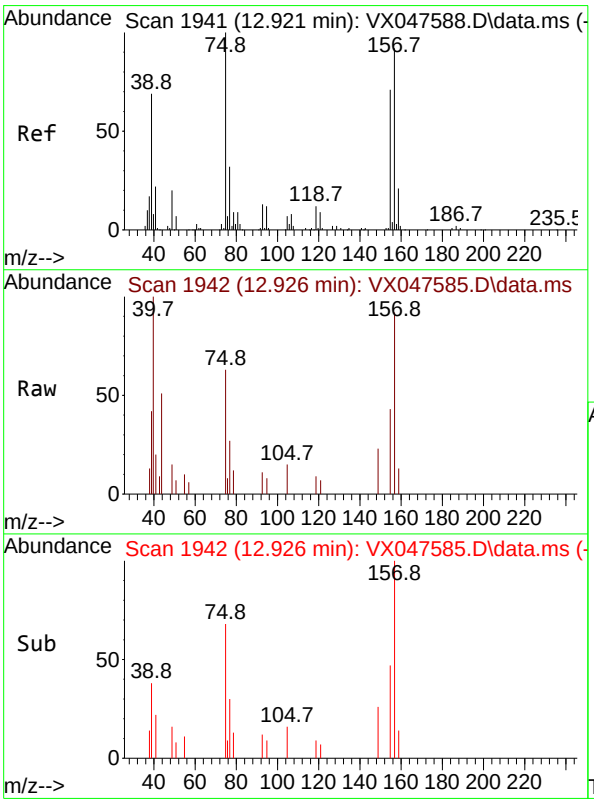
Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.2	66.6
148	65.8	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

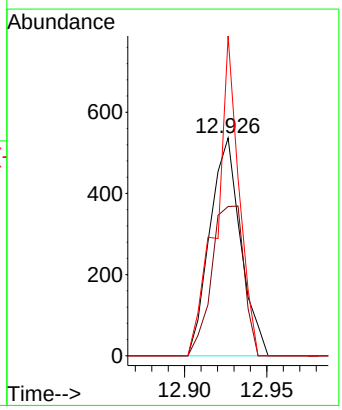
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

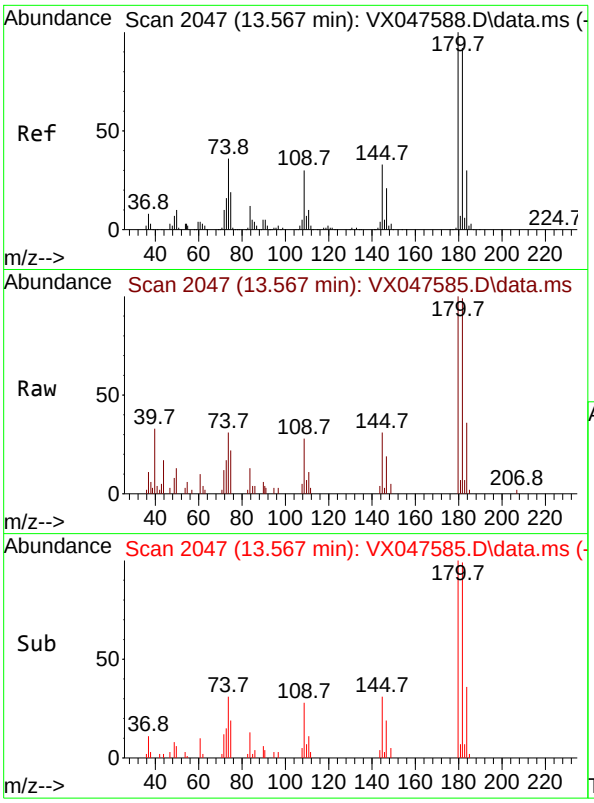


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.742 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

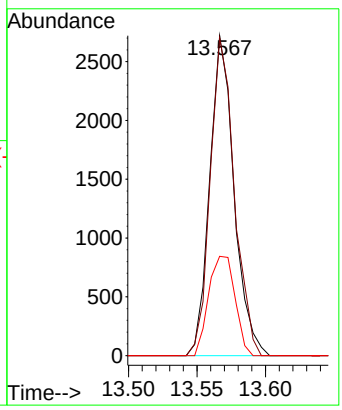




#93
1,2,4-Trichlorobenzene
Concen: 0.772 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:180 Resp: 335

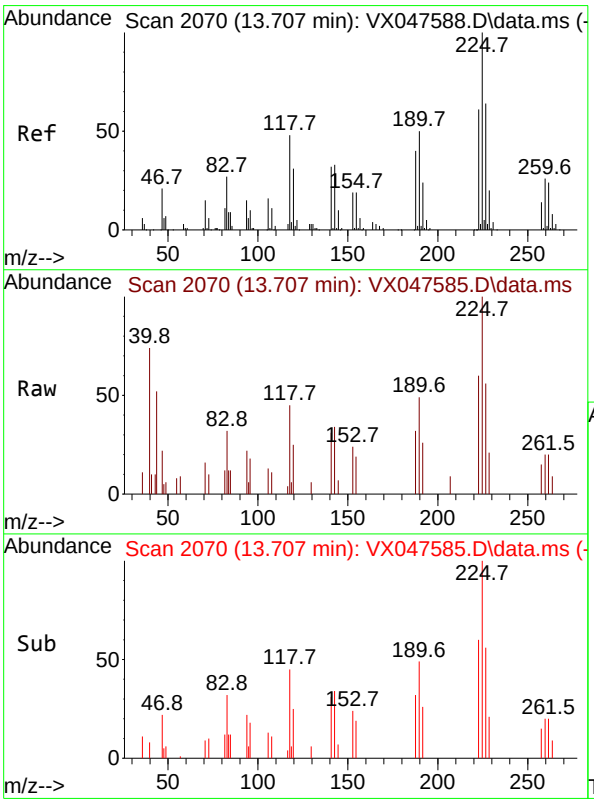
Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.6	139.8
145	33.7	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

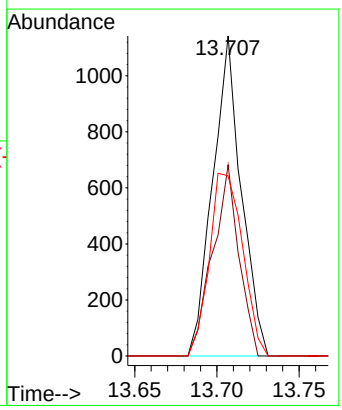
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

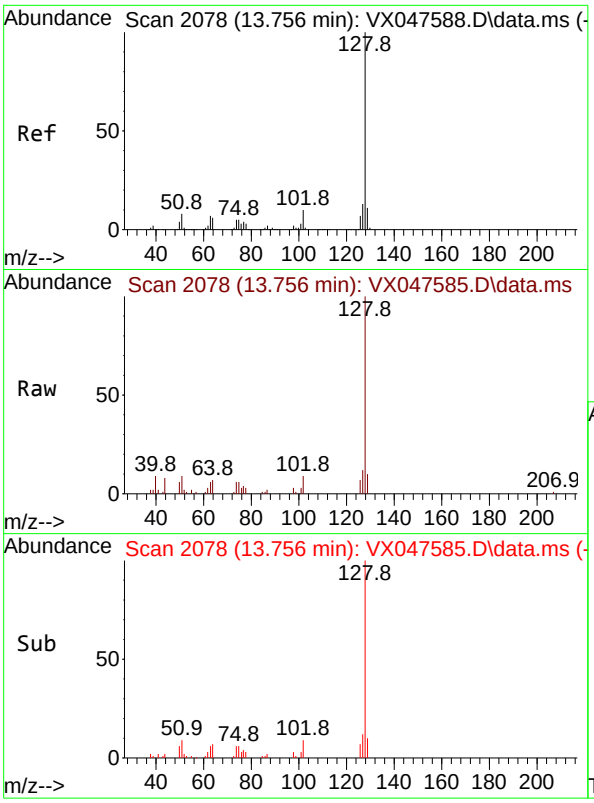


#94
Hexachlorobutadiene
Concen: 0.933 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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

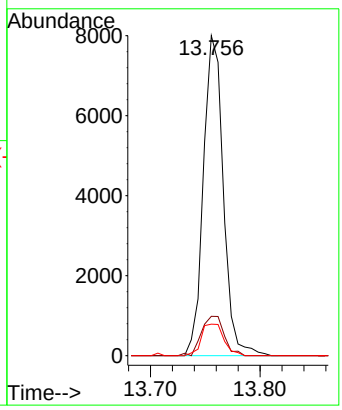




#95
Naphthalene
Concen: 0.763 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:128 Resp: 1011

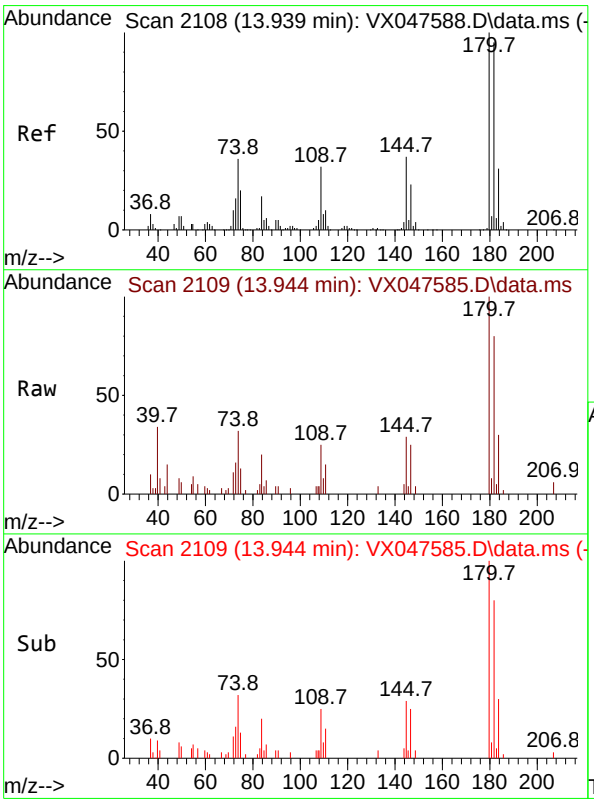
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.2	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

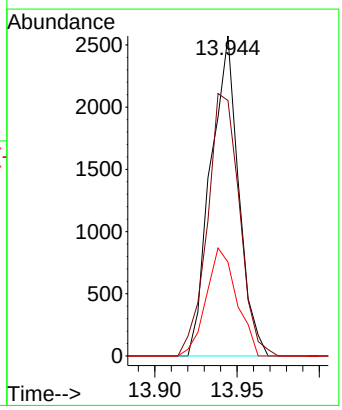
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#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

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)
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

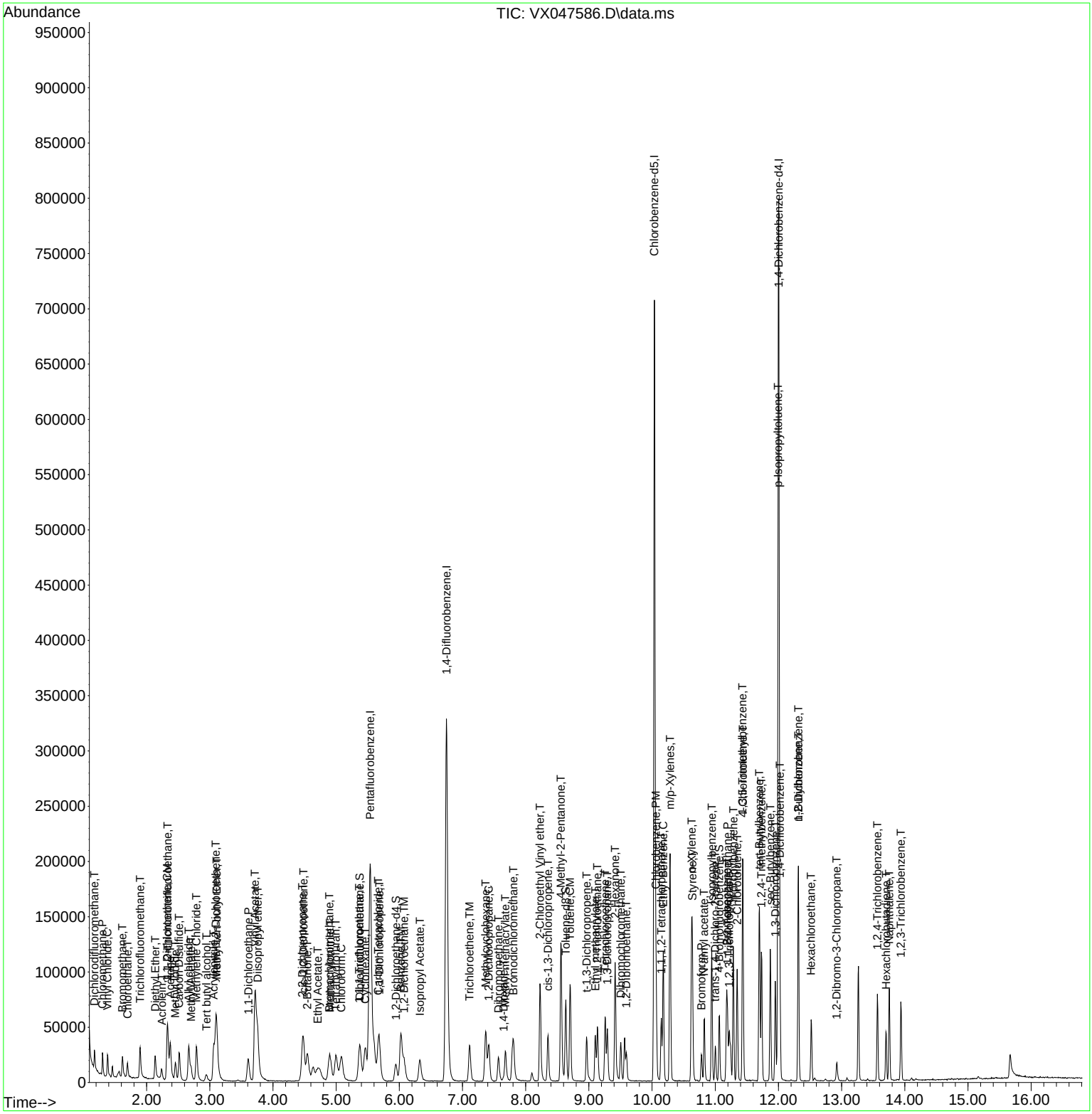
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047586.D
Acq On : 16 Sep 2025 10:16
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

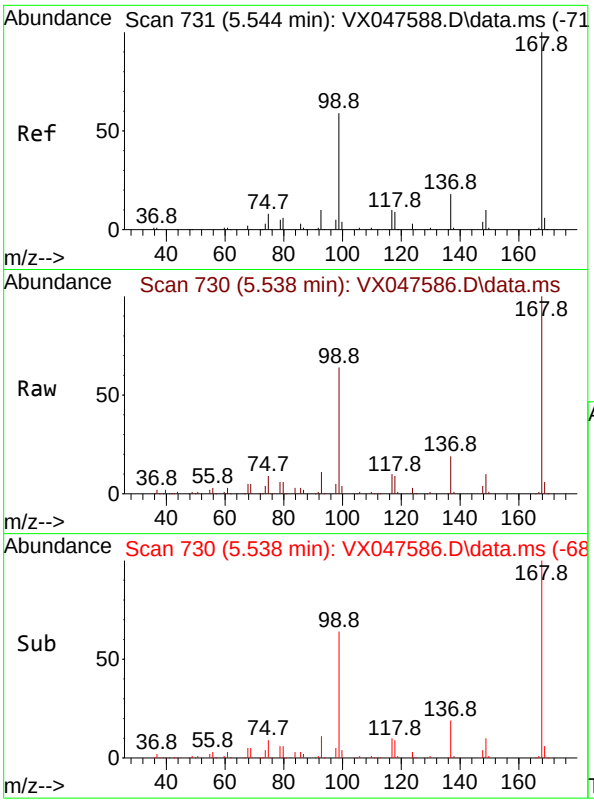
Quant Time: Sep 17 06:10:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

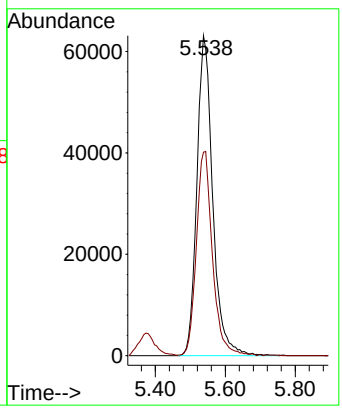




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:168 Resp: 19837

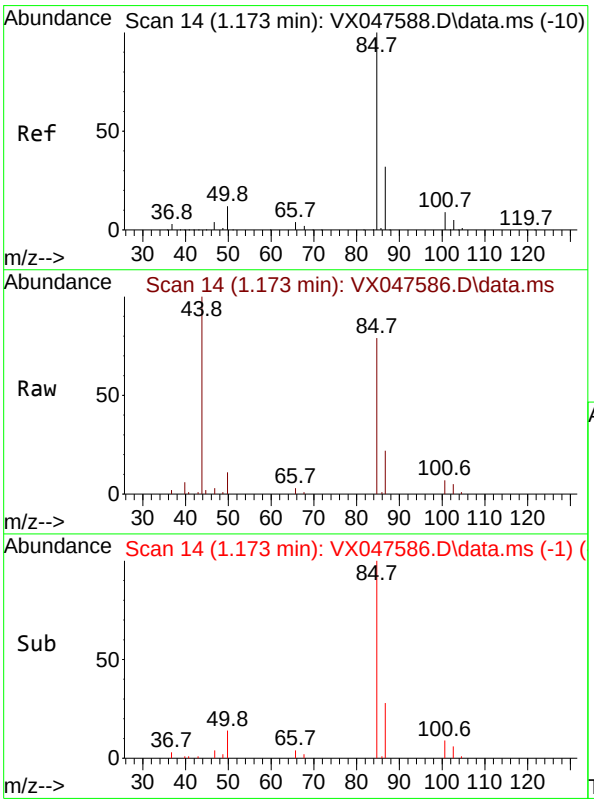
Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

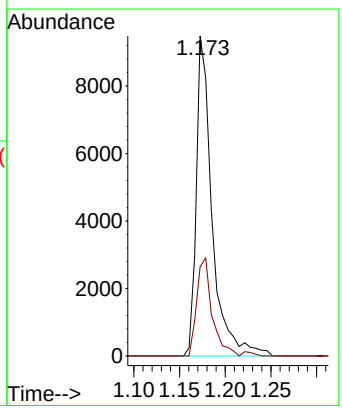
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

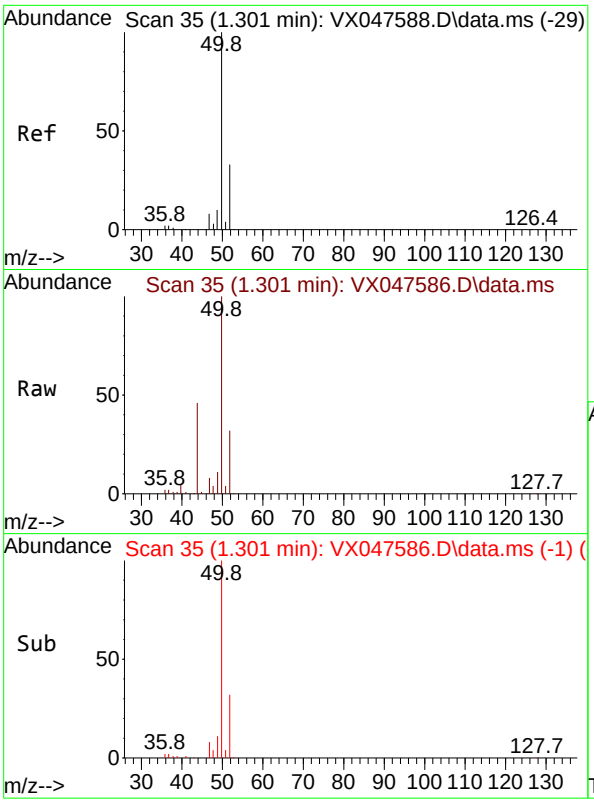


#2
Dichlorodifluoromethane
Concen: 5.551 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 85 Resp: 11403

Ion	Ratio	Lower	Upper
85	100		
87	27.9	15.8	47.3

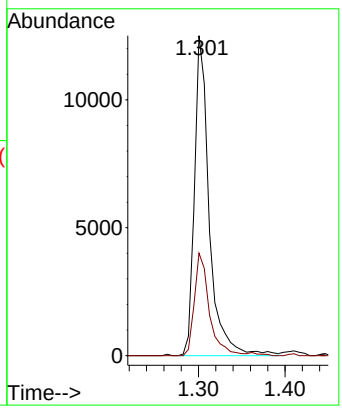




#3
Chloromethane
Concen: 5.502 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 50 Resp: 1485

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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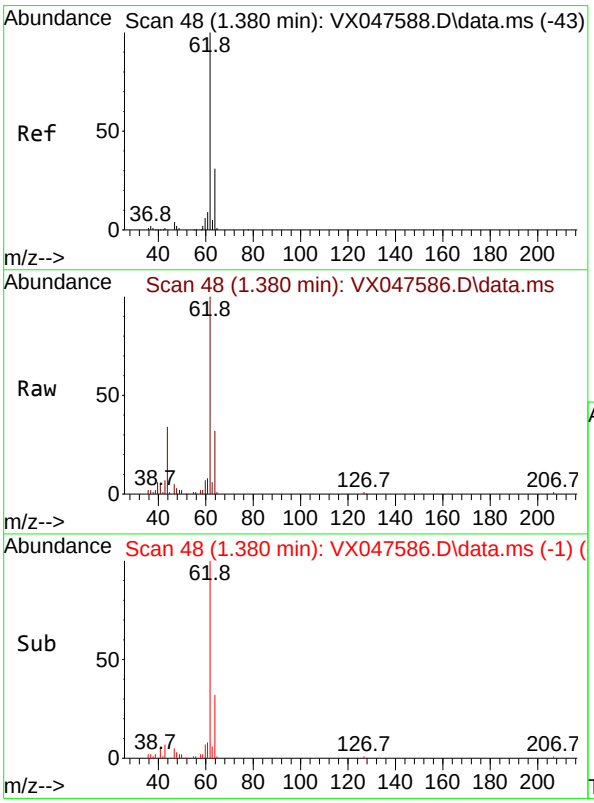
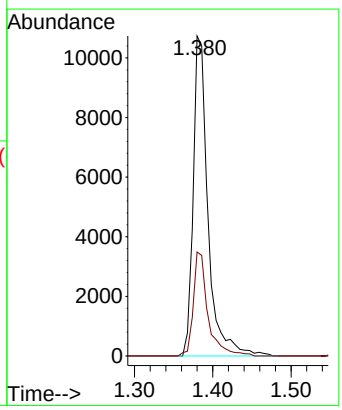
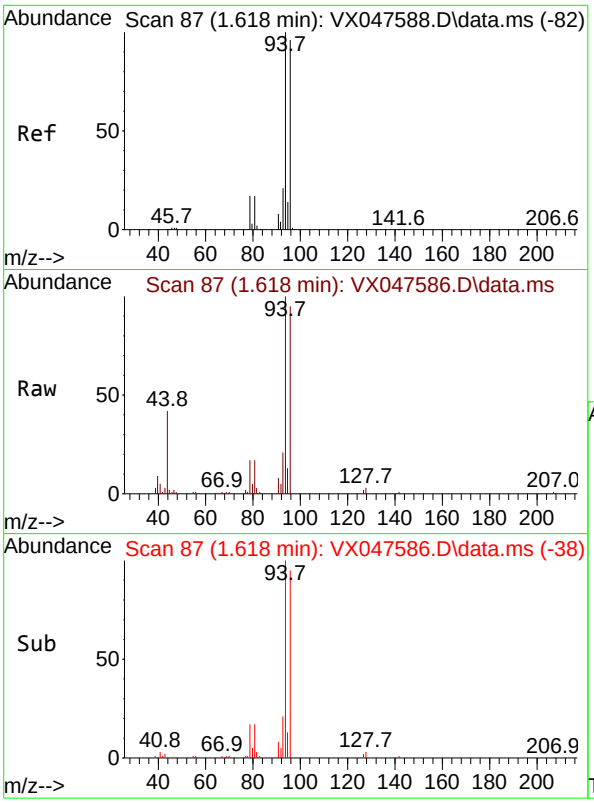


#4
Vinyl Chloride
Concen: 5.353 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 14147

Ion	Ratio	Lower	Upper
62	100		
64	32.5	24.9	37.3

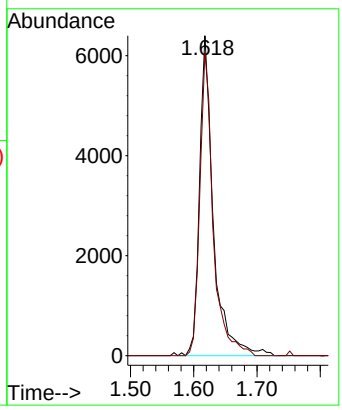




#5
Bromomethane
Concen: 5.836 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 94 Resp: 978

Ion	Ratio	Lower	Upper
94	100		
96	83.6	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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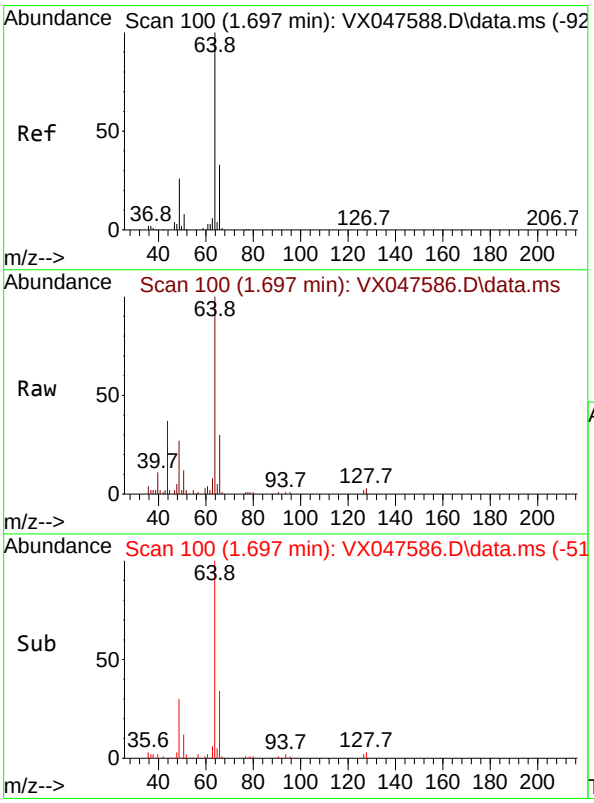
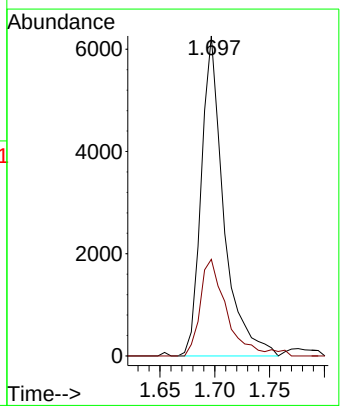
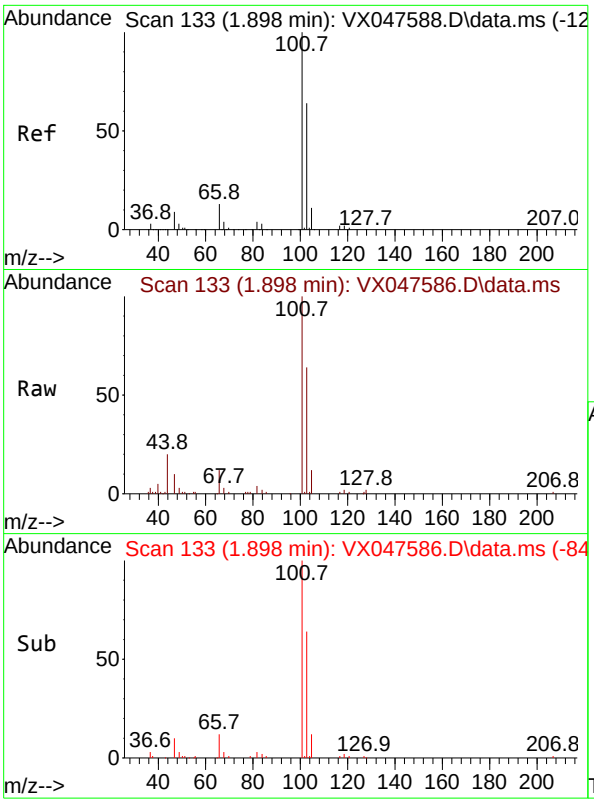


#6
Chloroethane
Concen: 5.053 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 64 Resp: 8926

Ion	Ratio	Lower	Upper
64	100		
66	30.2	26.1	39.1

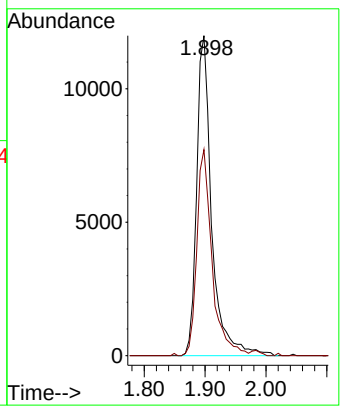




#7
Trichlorofluoromethane
Concen: 5.223 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:101 Resp: 2049

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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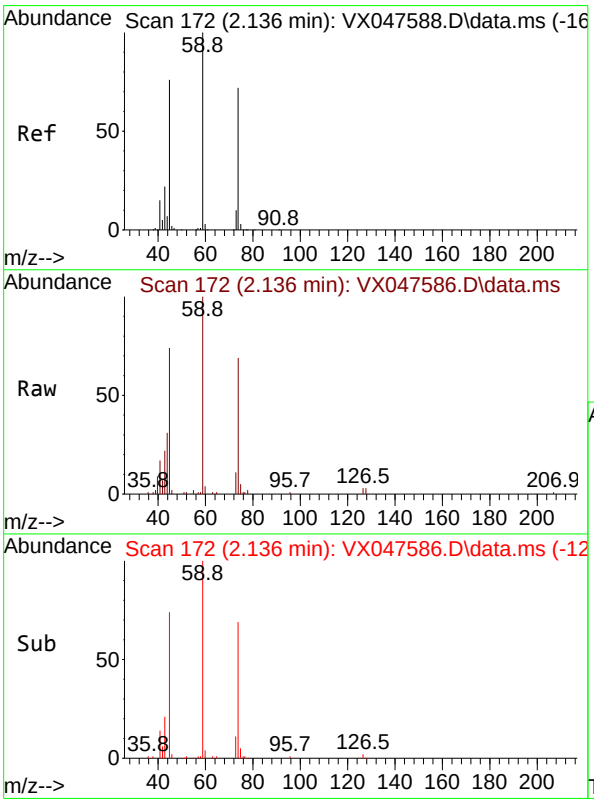
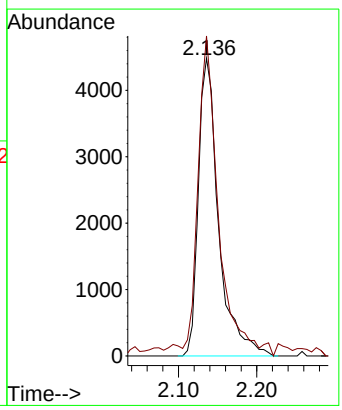
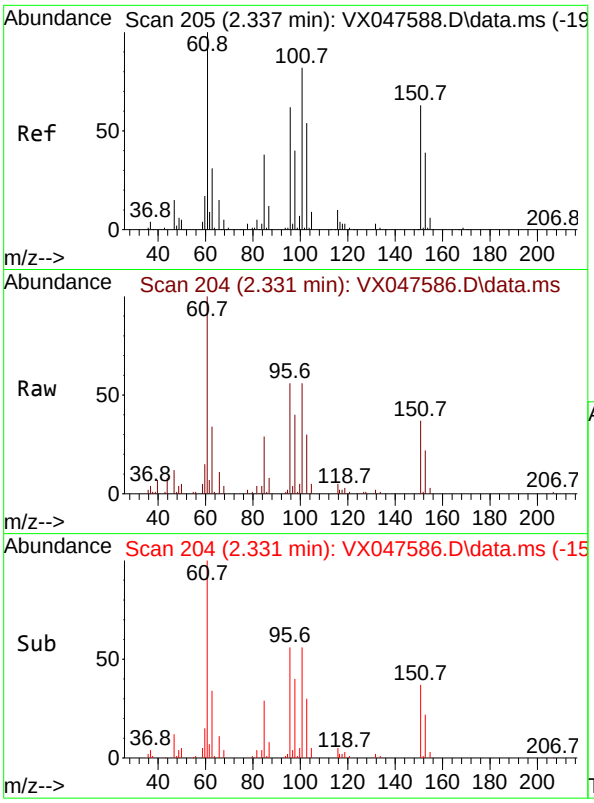


#8
Diethyl Ether
Concen: 5.008 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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
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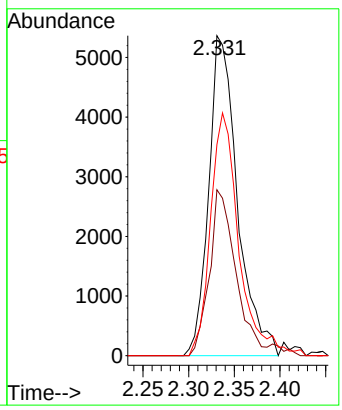
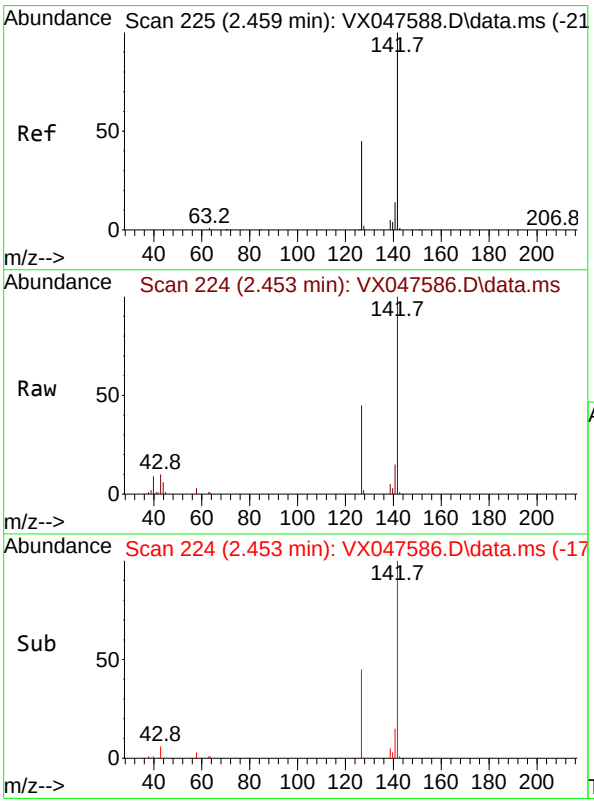
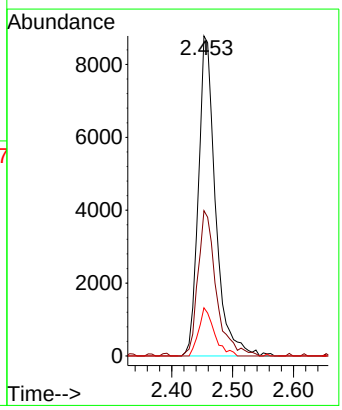


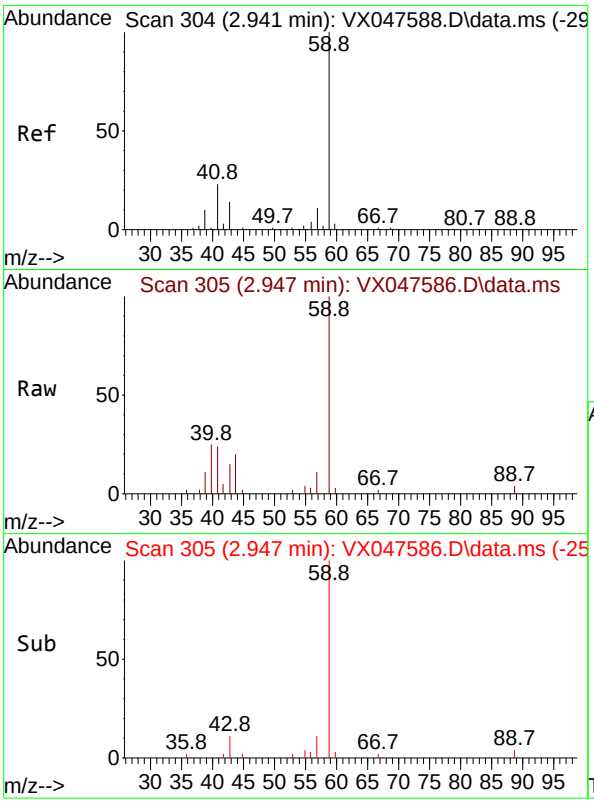


#10
Methyl Iodide
Concen: 4.795 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

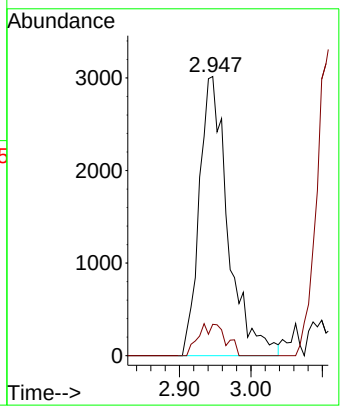




#11
Tert butyl alcohol
Concen: 23.883 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 59 Resp: 839

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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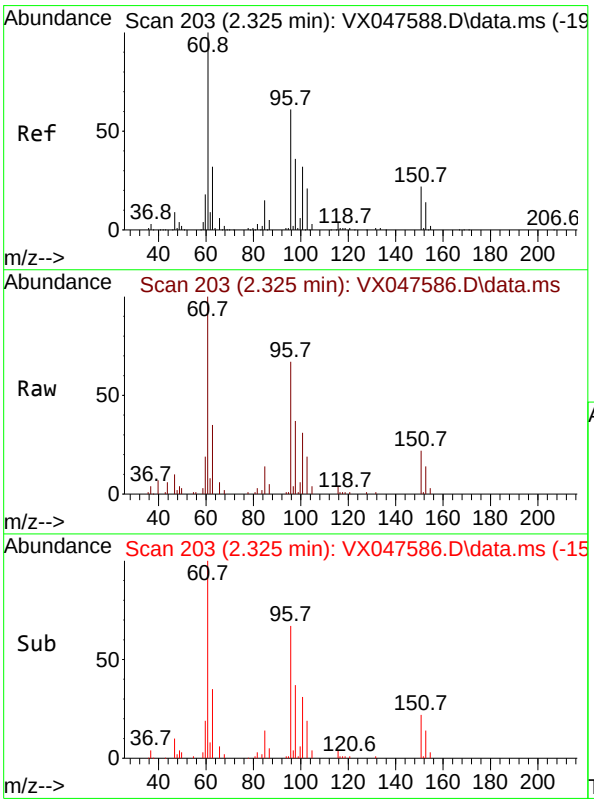
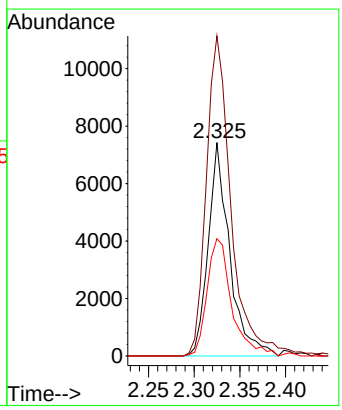
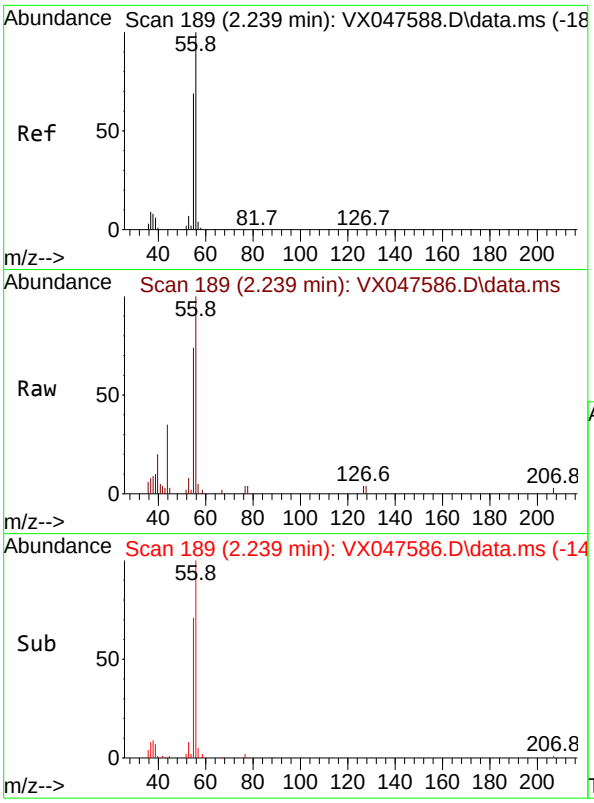


#12
1,1-Dichloroethene
Concen: 5.147 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

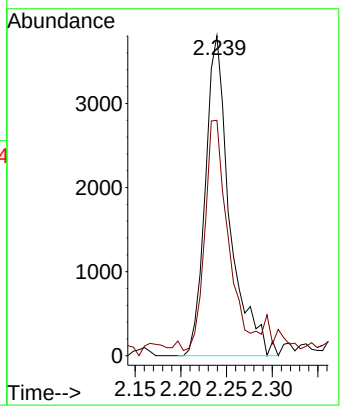




#13
Acrolein
Concen: 21.847 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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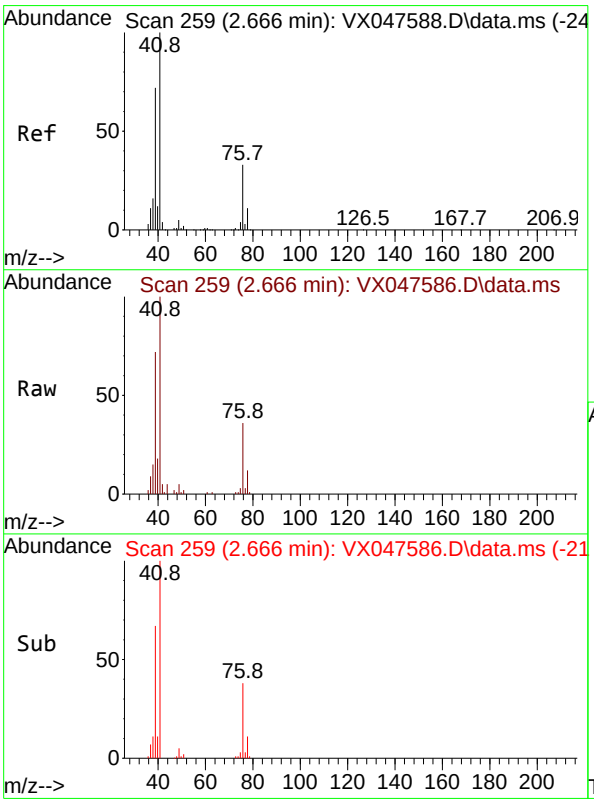
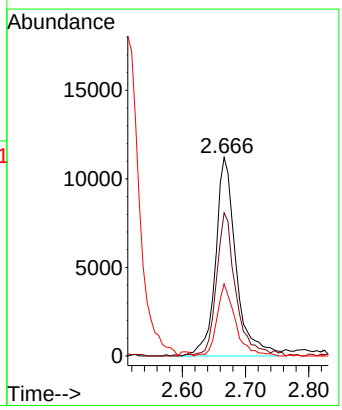
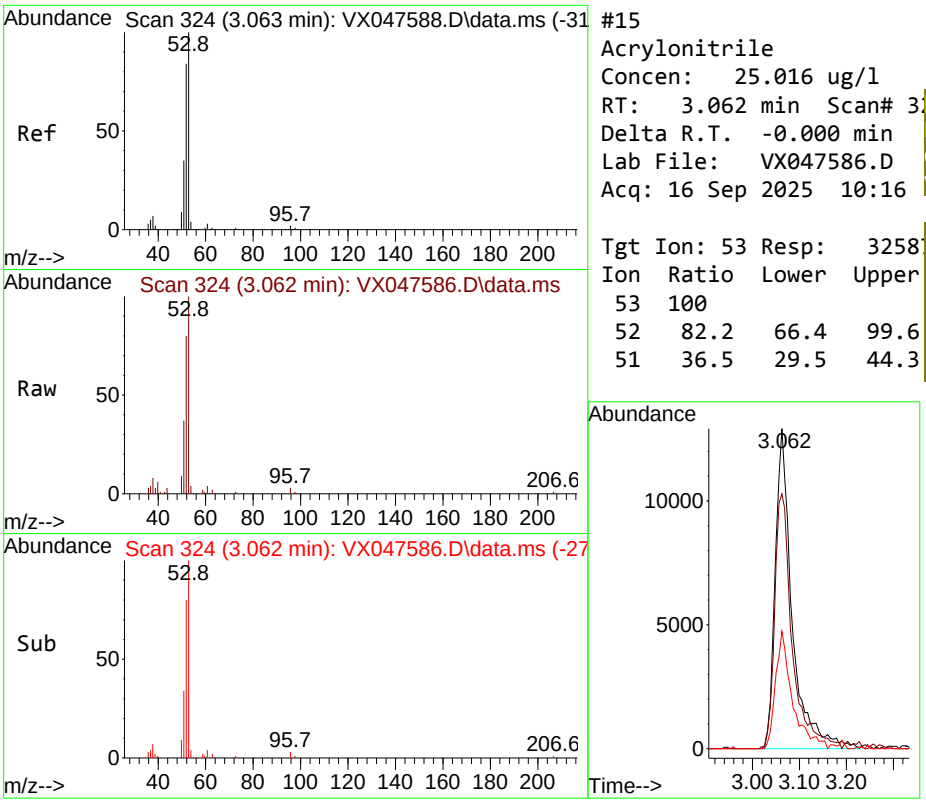


#14
Allyl chloride
Concen: 5.168 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

Manual Integrations
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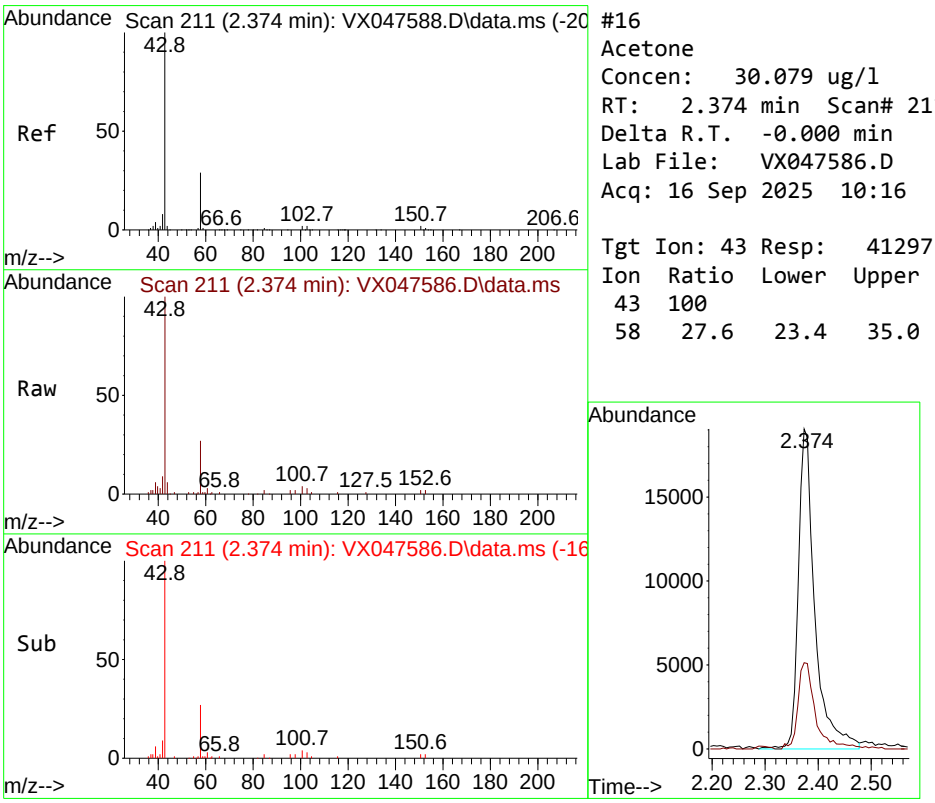
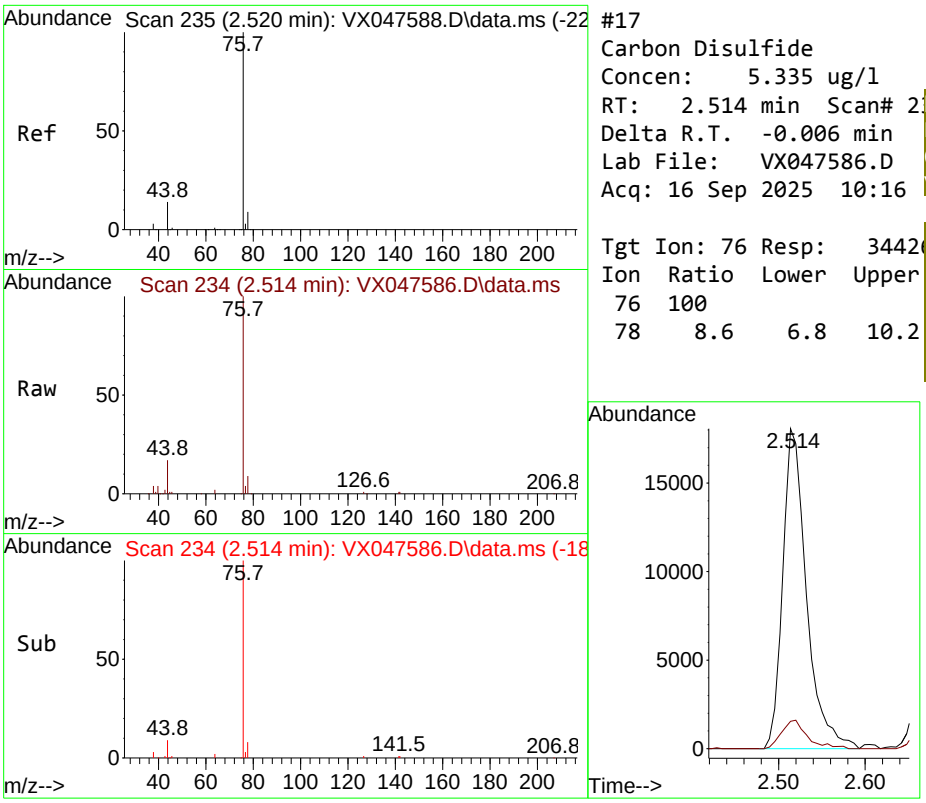


#16
Acetone
Concen: 30.079 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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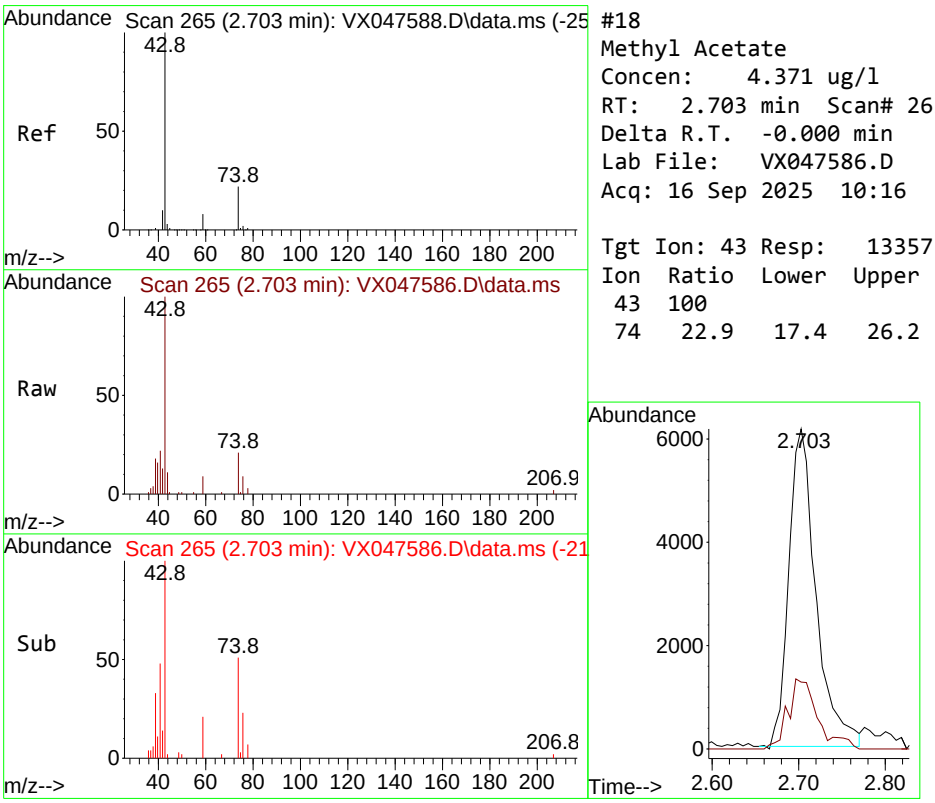
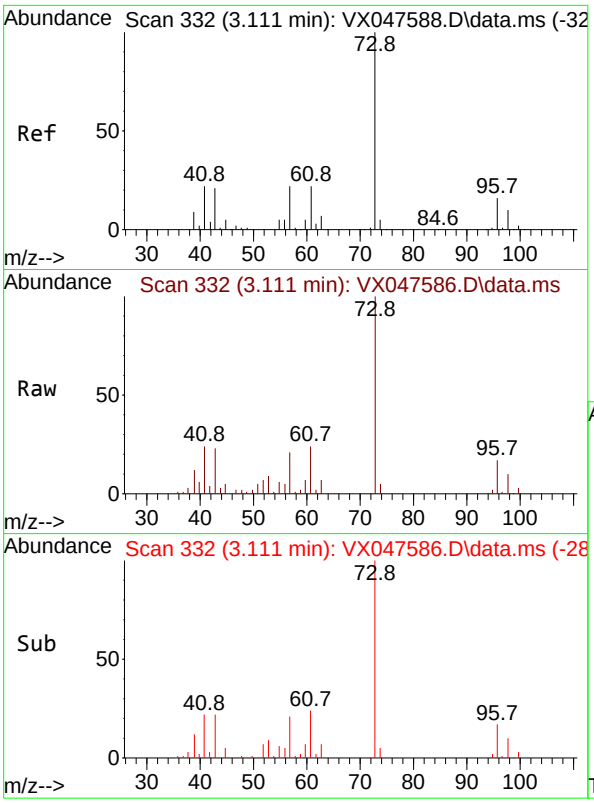


#18
Methyl Acetate
Concen: 4.371 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 13357

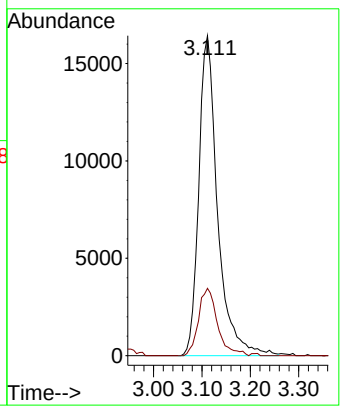
Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.4	26.2



#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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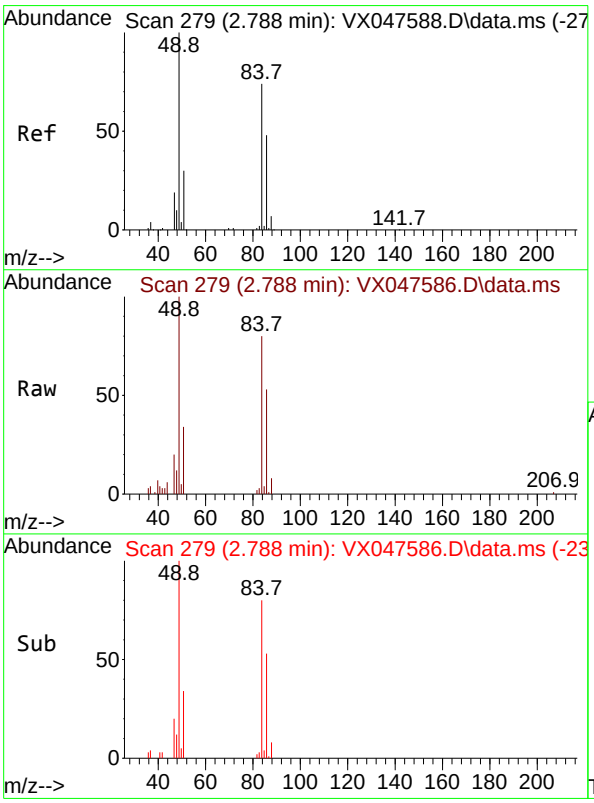
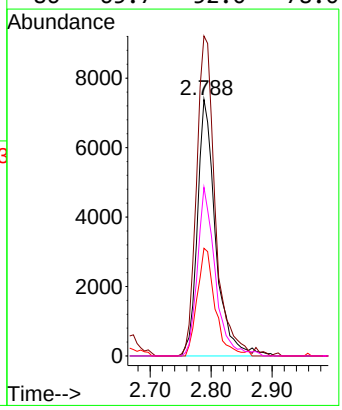
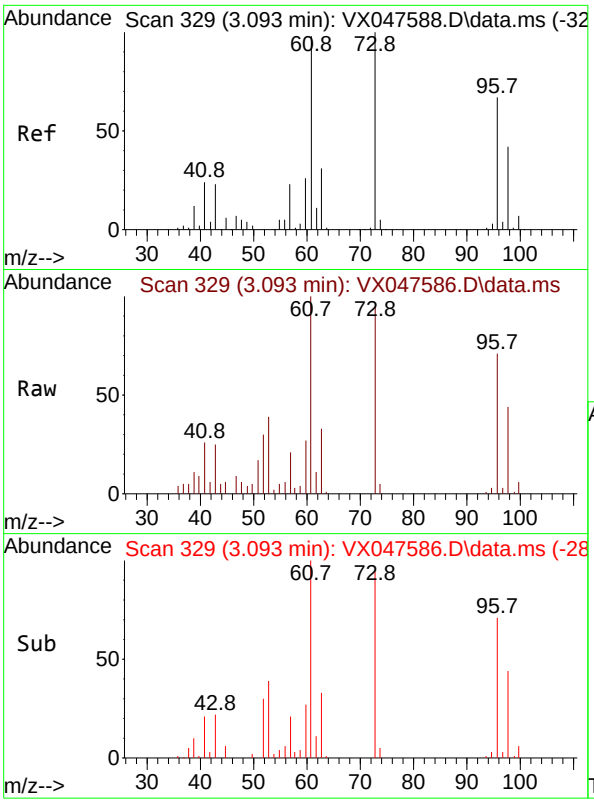


#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

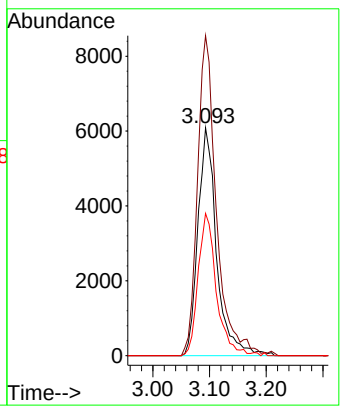




#21
trans-1,2-Dichloroethene
Concen: 5.492 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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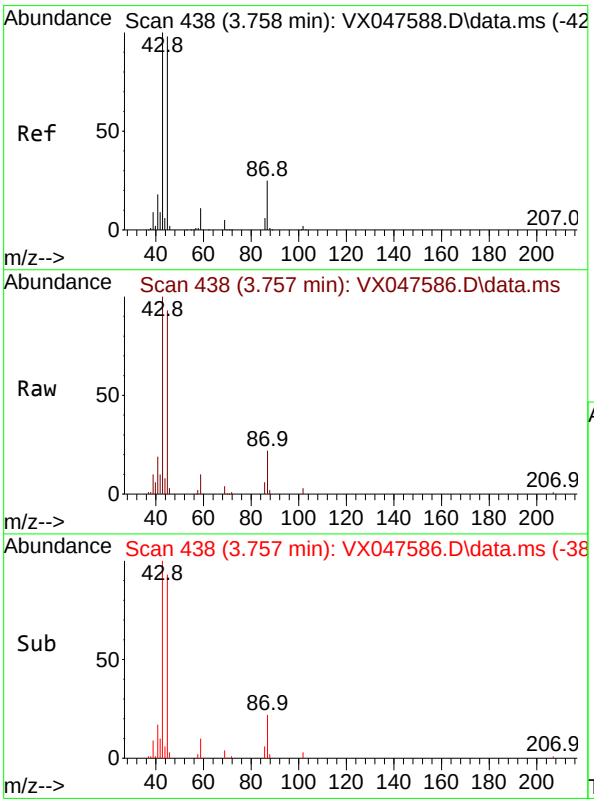
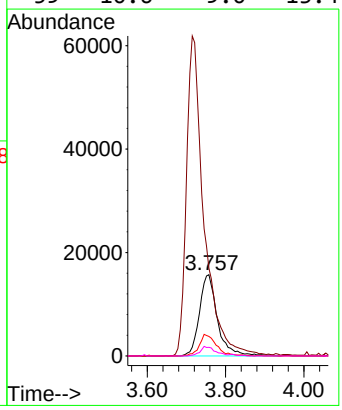
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

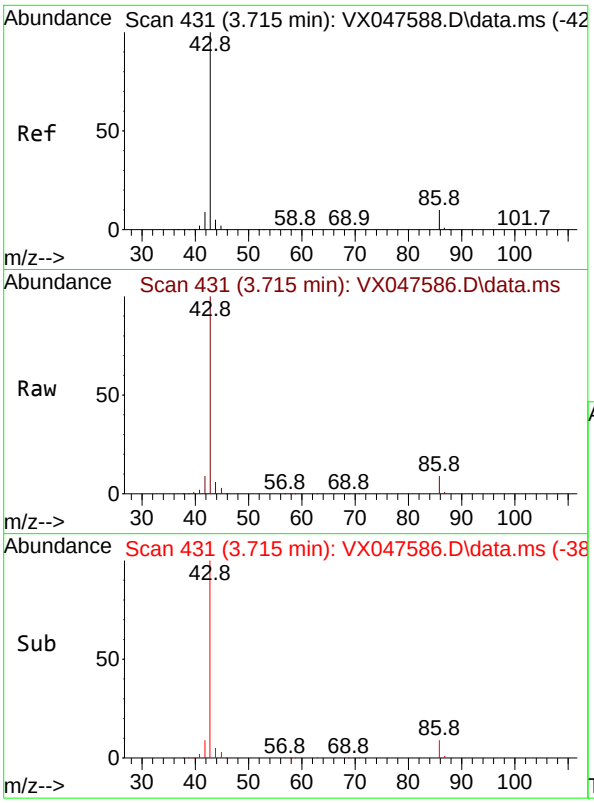


#22
Diisopropyl ether
Concen: 5.327 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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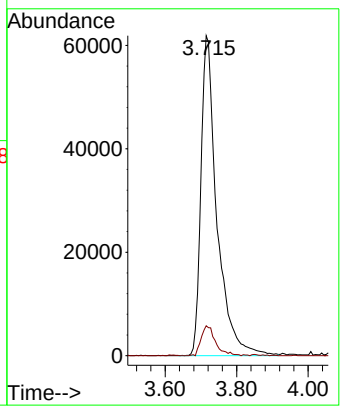
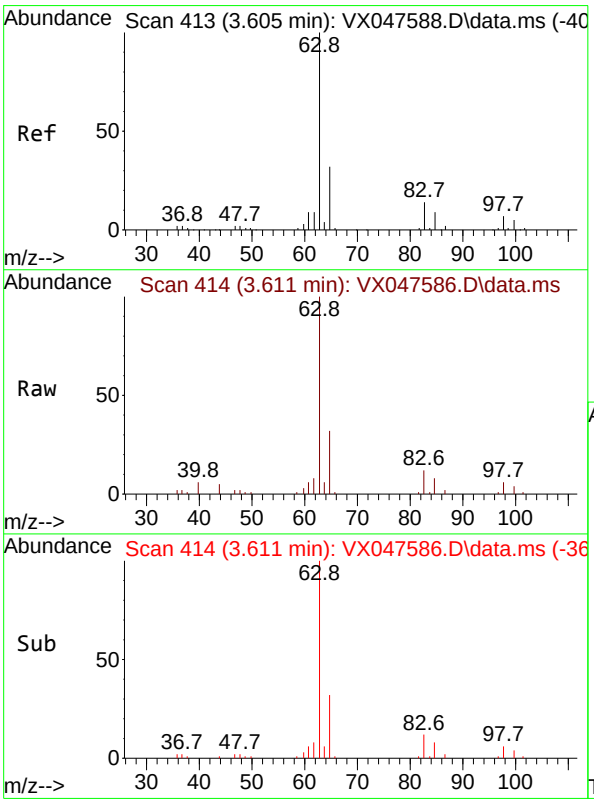
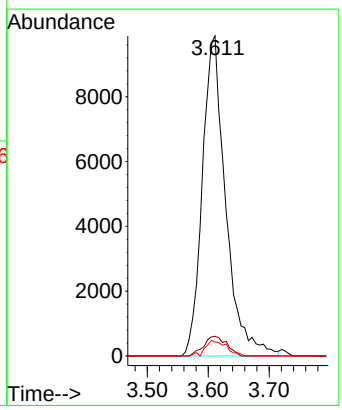


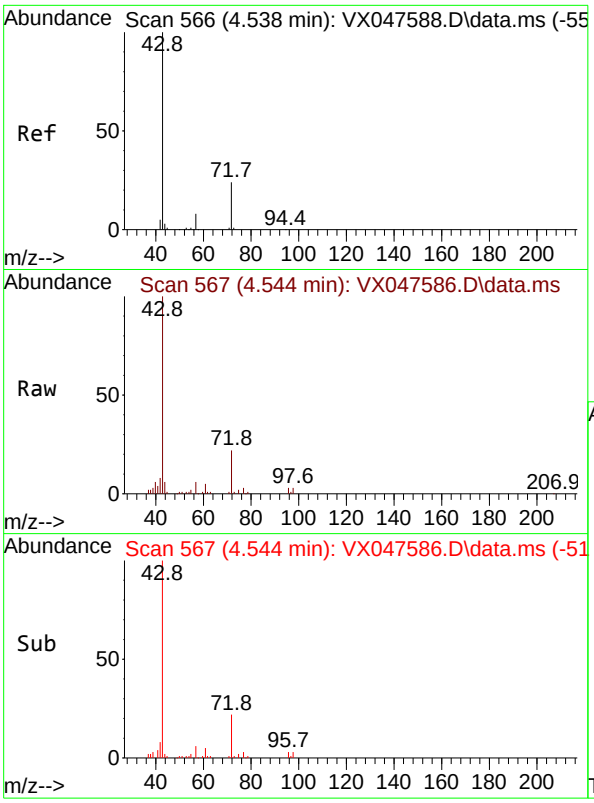


#24
1,1-Dichloroethane
Concen: 5.248 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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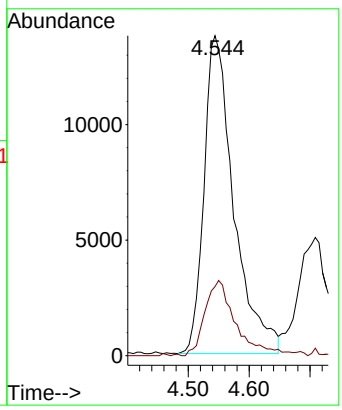
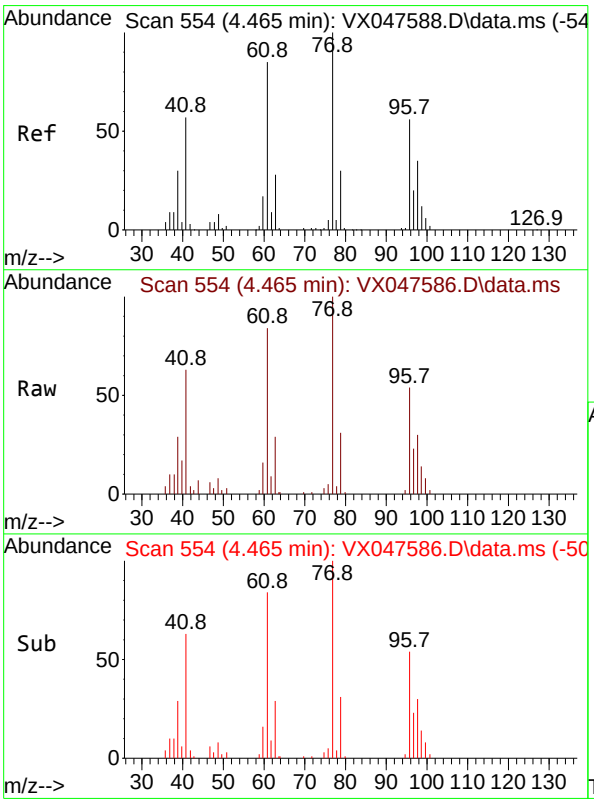
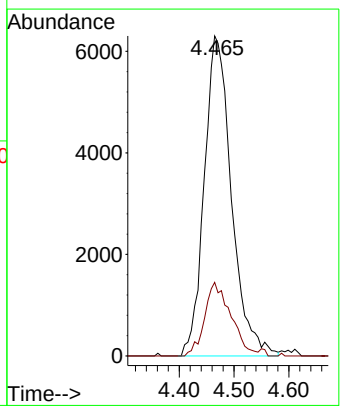


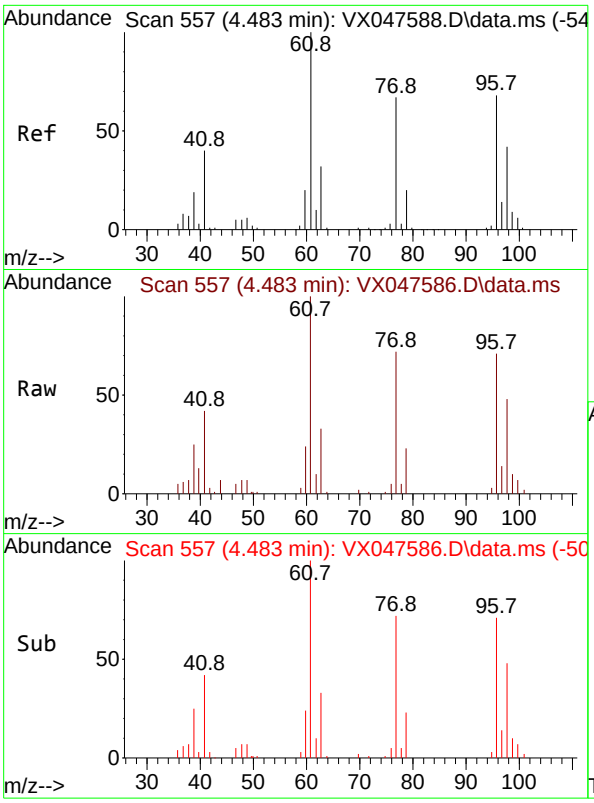


#26
2,2-Dichloropropane
Concen: 5.220 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 77 Resp: 21738

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7

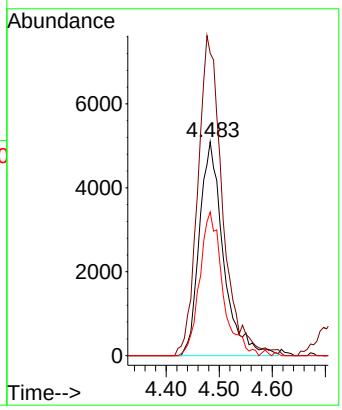




#27
cis-1,2-Dichloroethene
Concen: 5.147 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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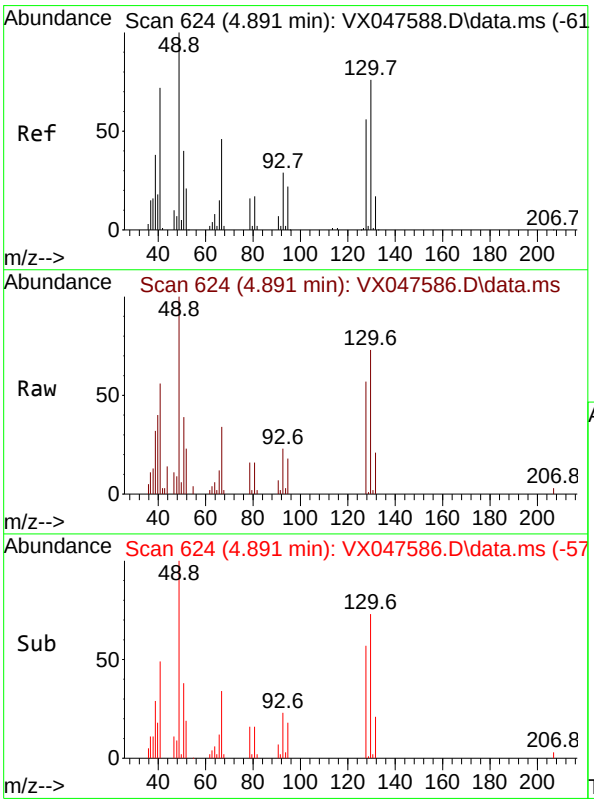
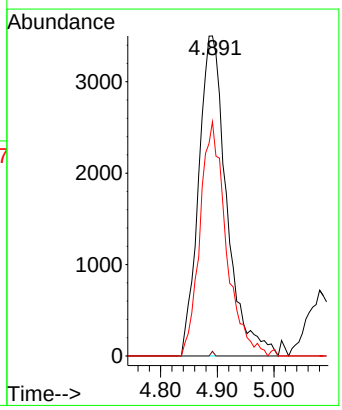
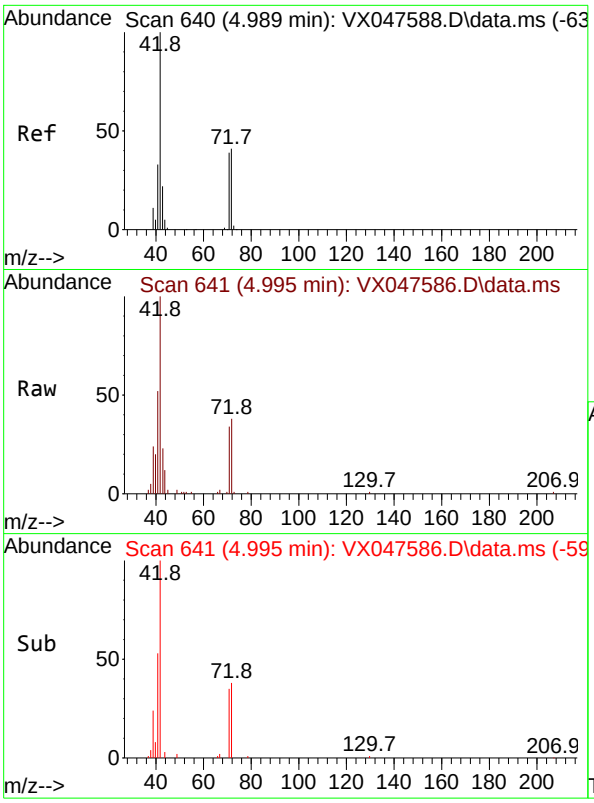


#28
Bromochloromethane
Concen: 5.508 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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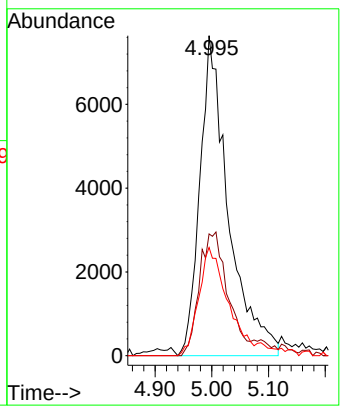
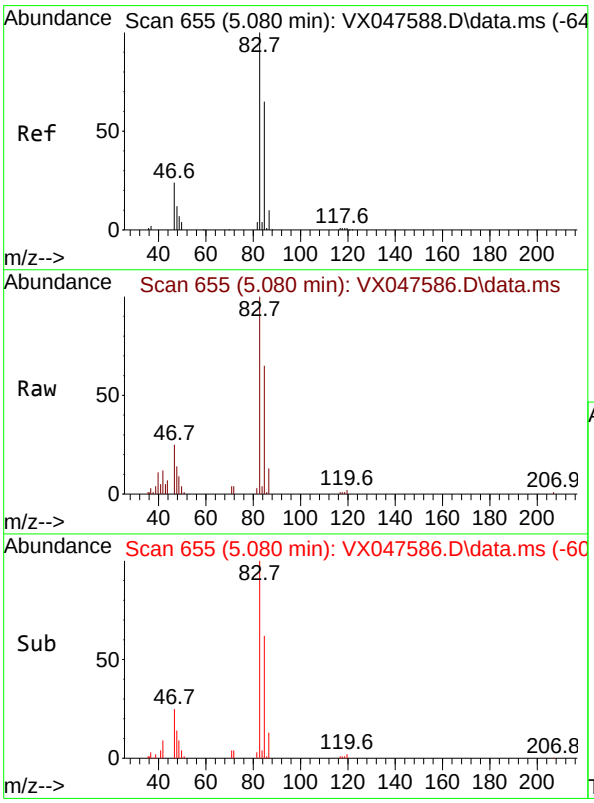
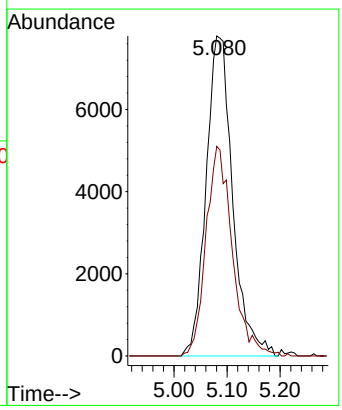


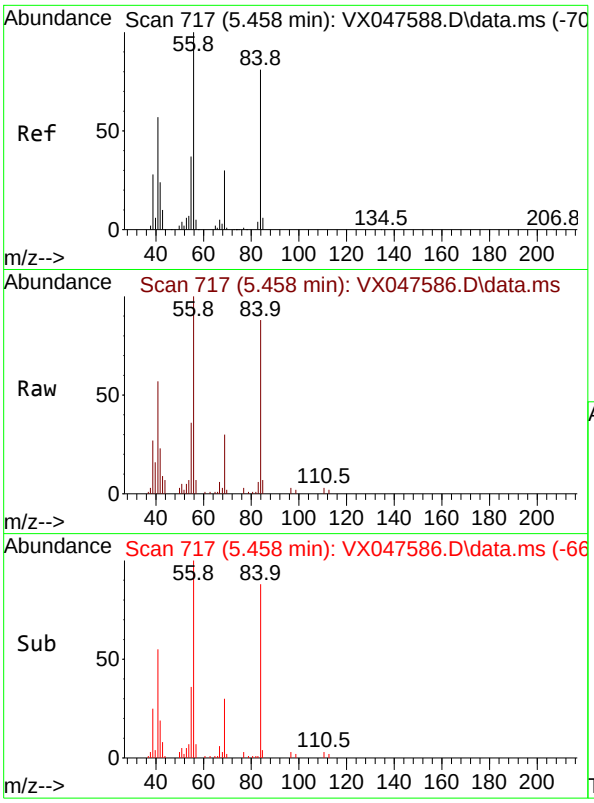


#30
Chloroform
Concen: 5.344 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 27054

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.6

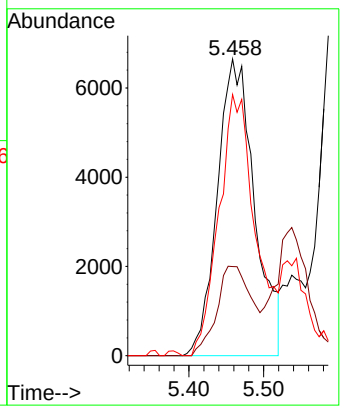




#31
Cyclohexane
Concen: 5.520 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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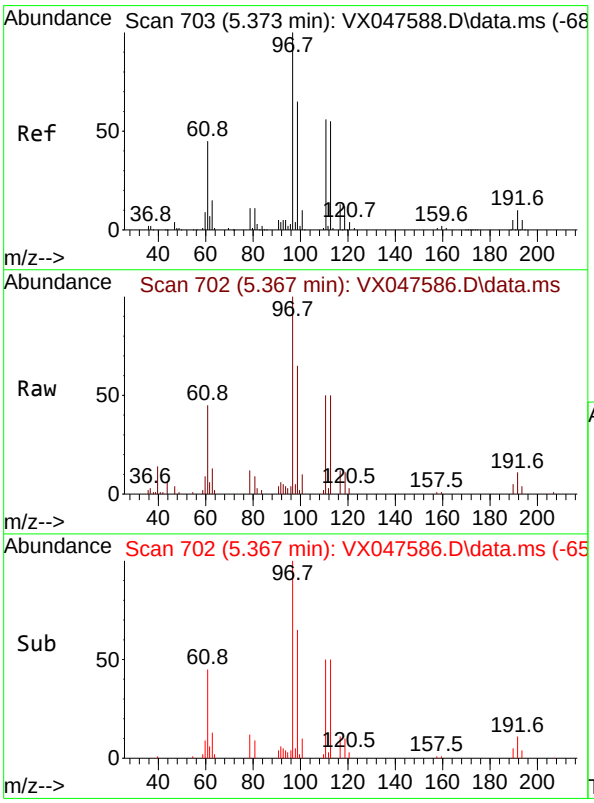
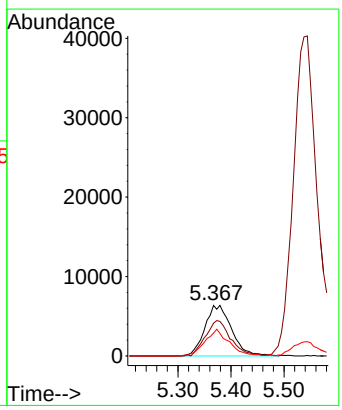
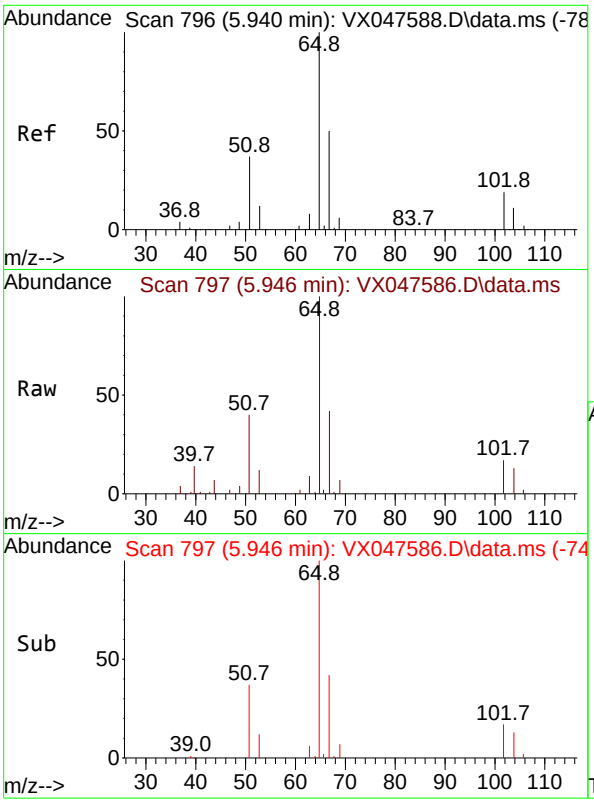


#32
1,1,1-Trichloroethane
Concen: 5.188 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

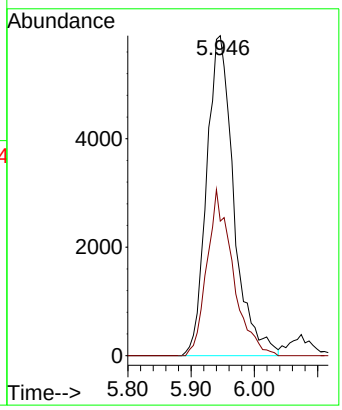




#33
1,2-Dichloroethane-d4
Concen: 5.554 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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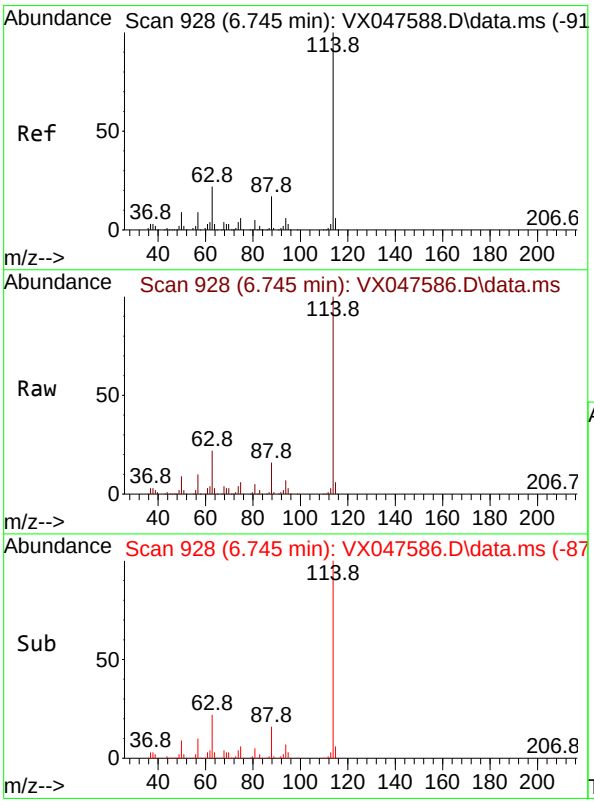
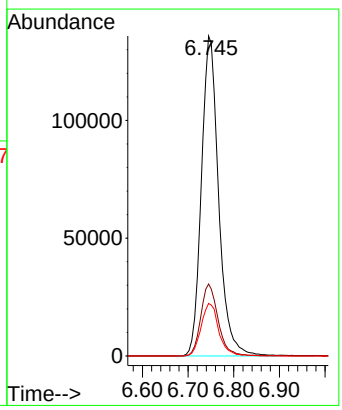
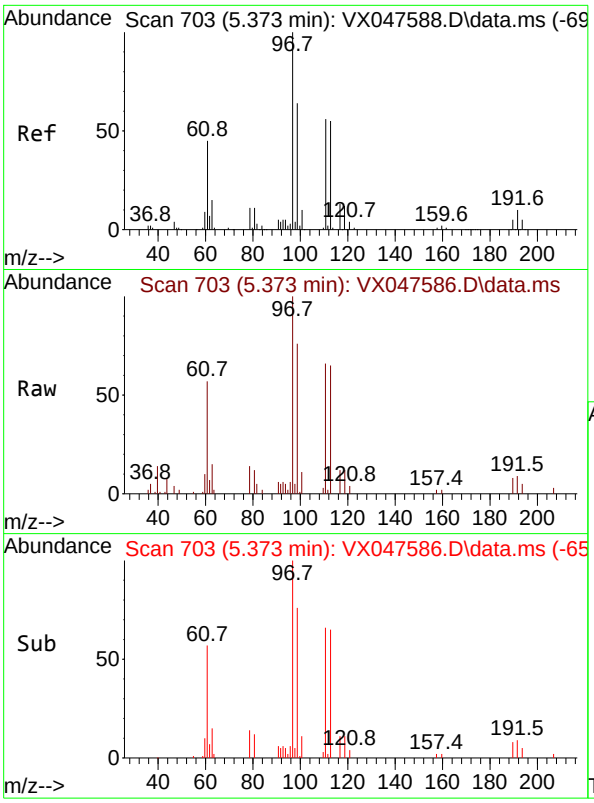


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

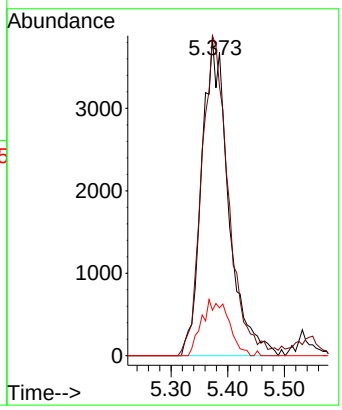




#35
Dibromofluoromethane
Concen: 5.312 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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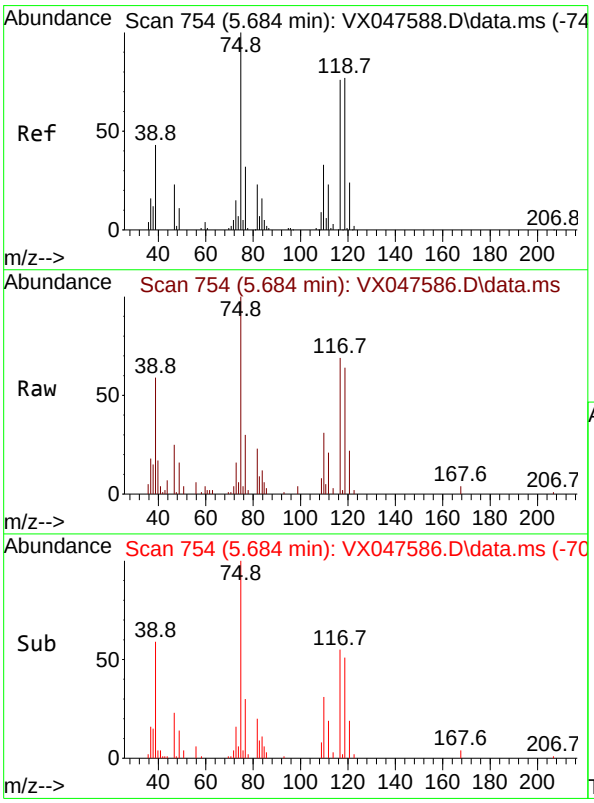
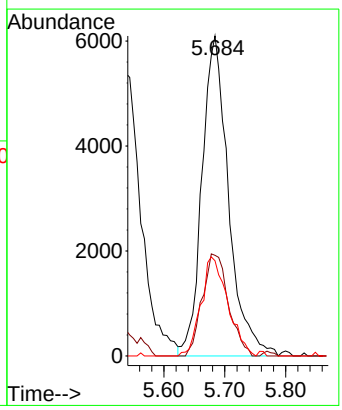
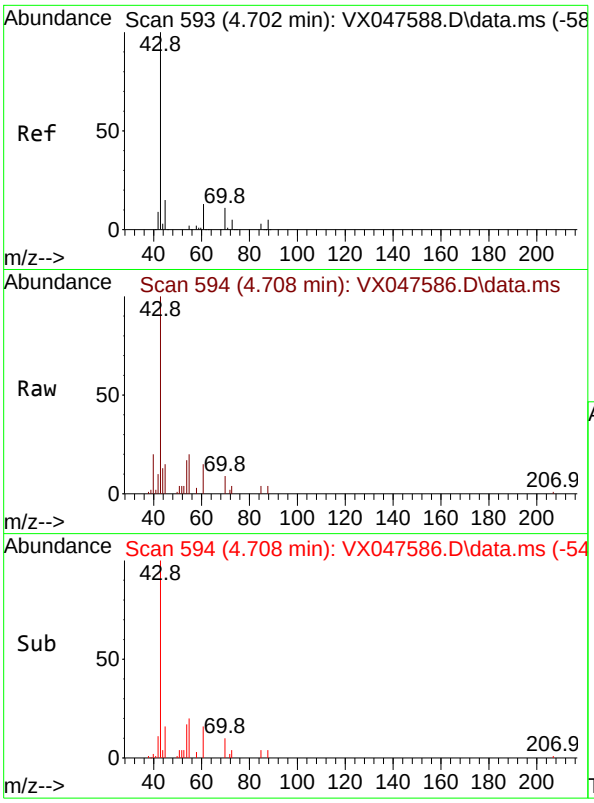


#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

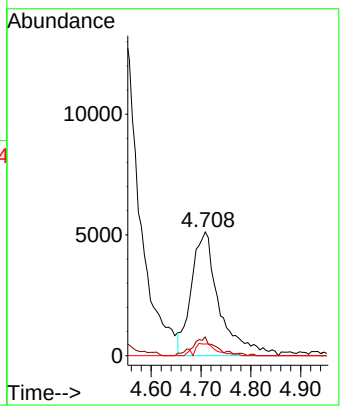




#37
Ethyl Acetate
Concen: 5.345 ug/l
RT: 4.708 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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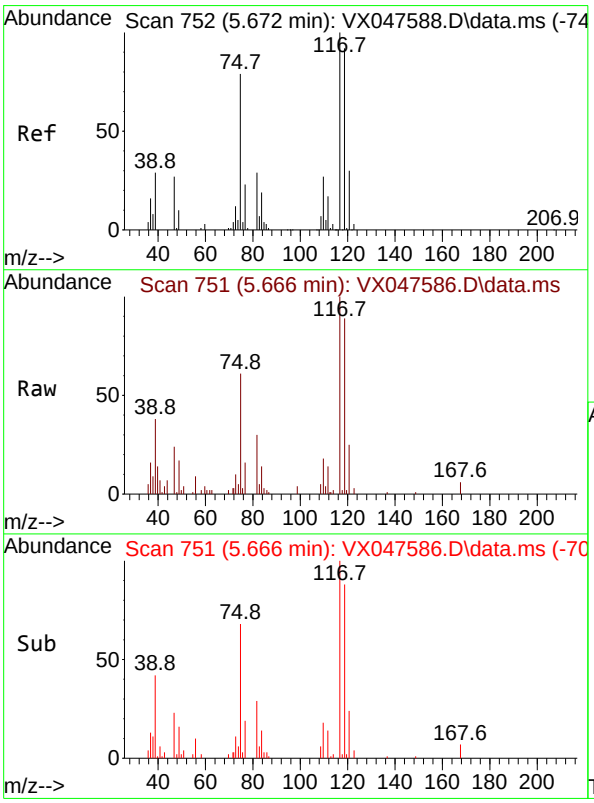
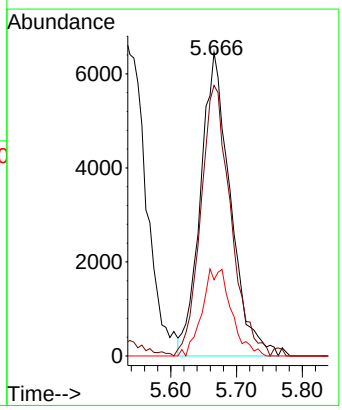
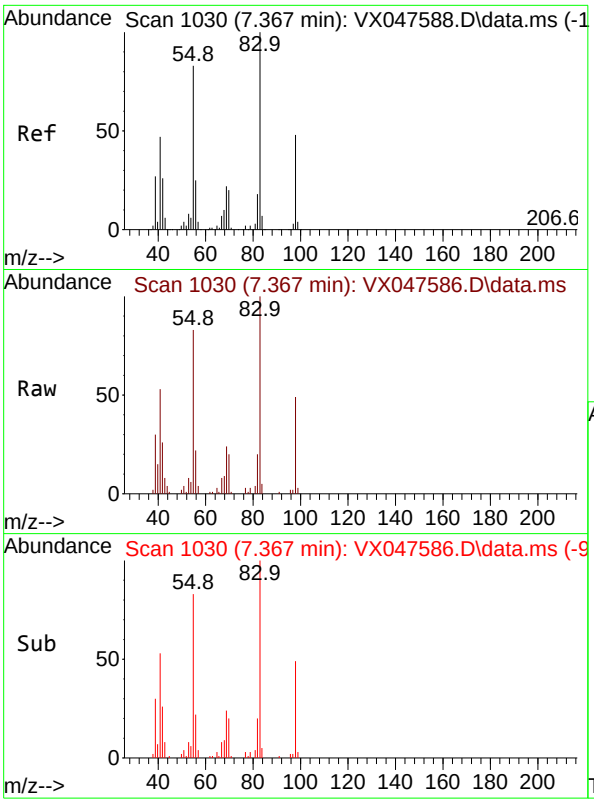


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

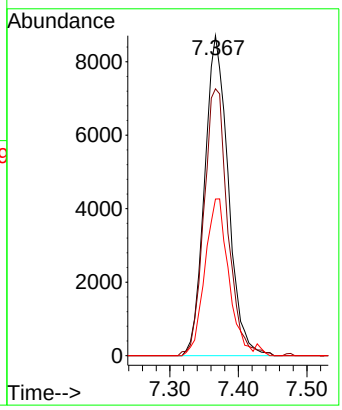




#39
Methylcyclohexane
Concen: 5.292 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 2090

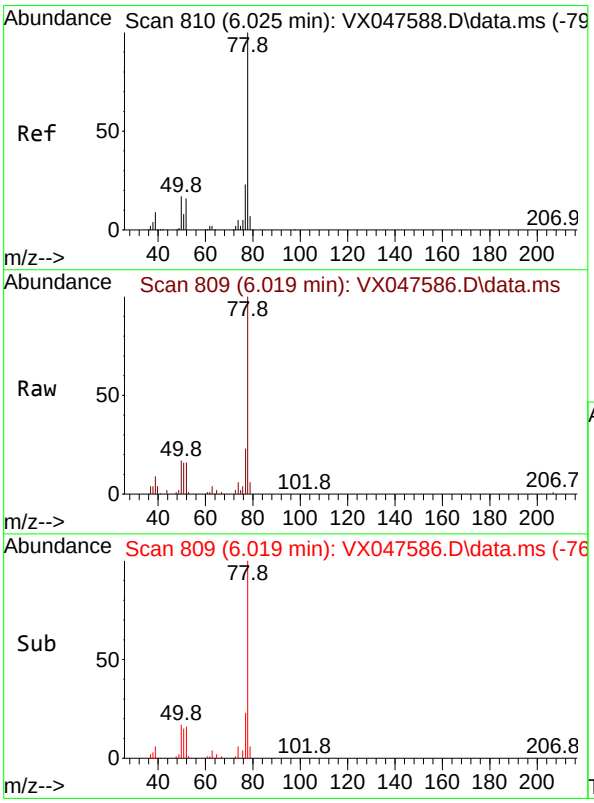
Ion	Ratio	Lower	Upper
83	100		
55	79.1	66.4	99.6
98	46.4	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

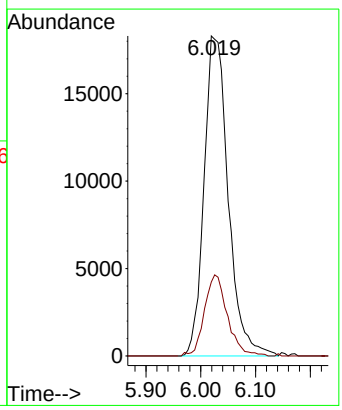
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

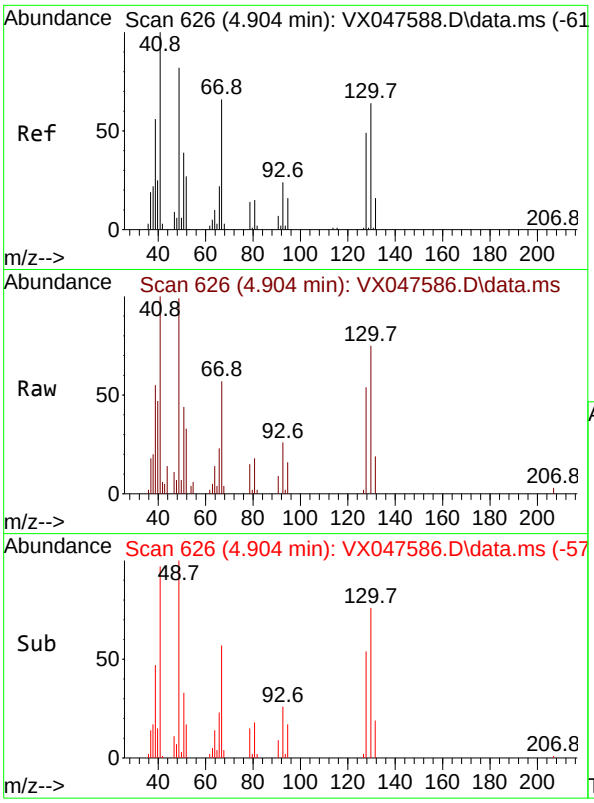


#40
Benzene
Concen: 5.299 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 78 Resp: 55996

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2

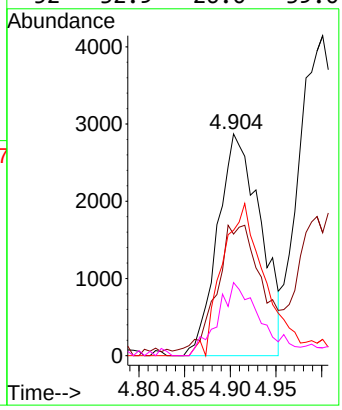




#41
Methacrylonitrile
Concen: 4.883 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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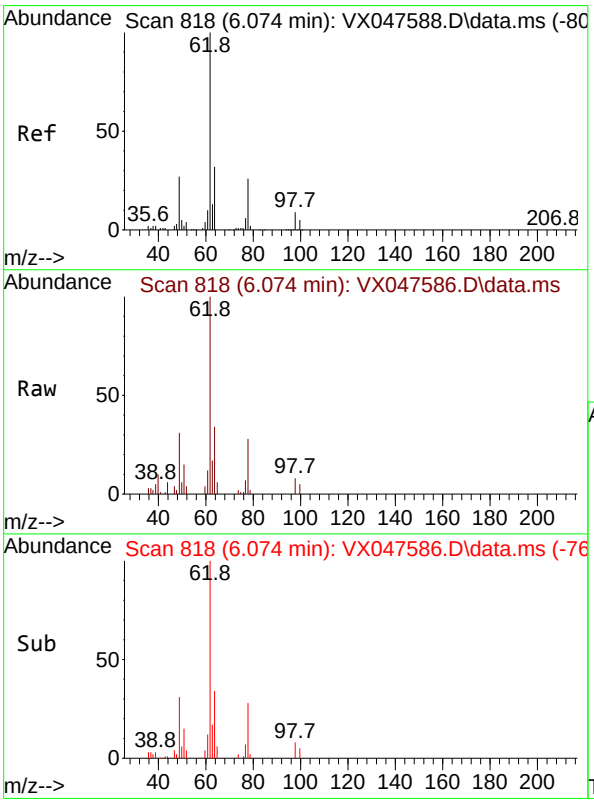
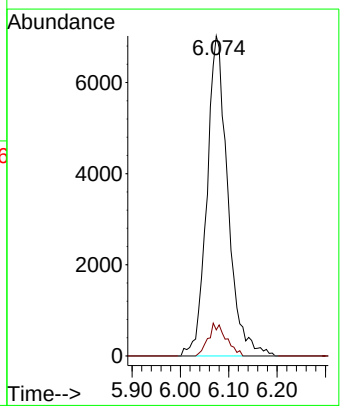
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

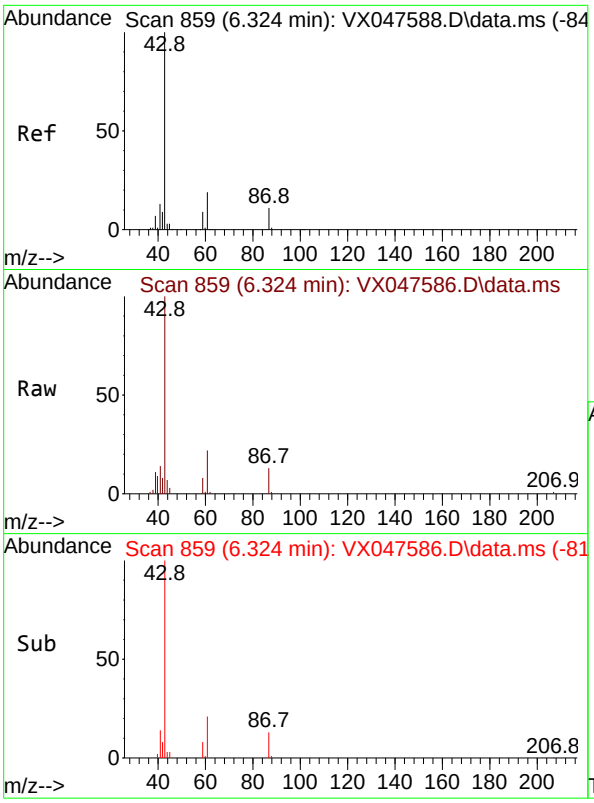


#42
1,2-Dichloroethane
Concen: 5.252 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 21117

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

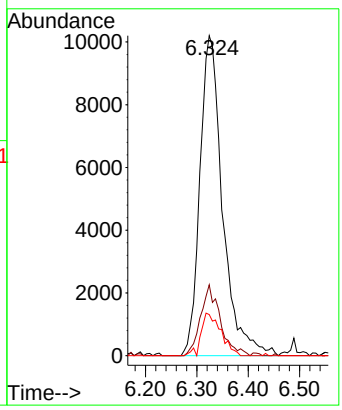




#43
Isopropyl Acetate
Concen: 5.124 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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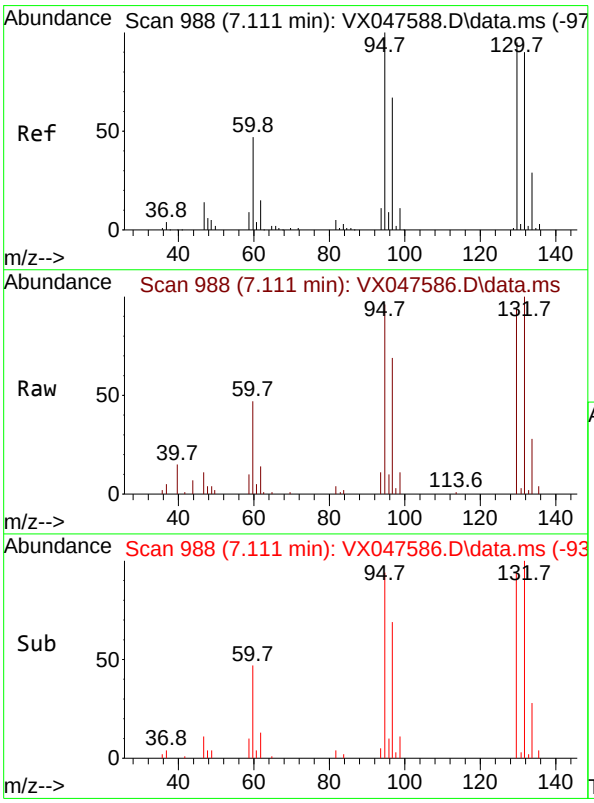
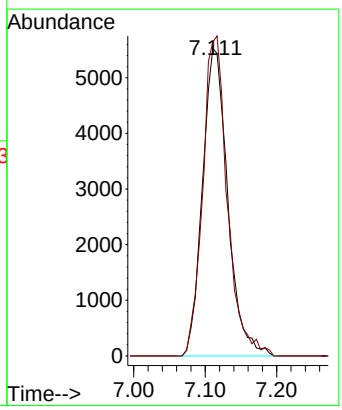
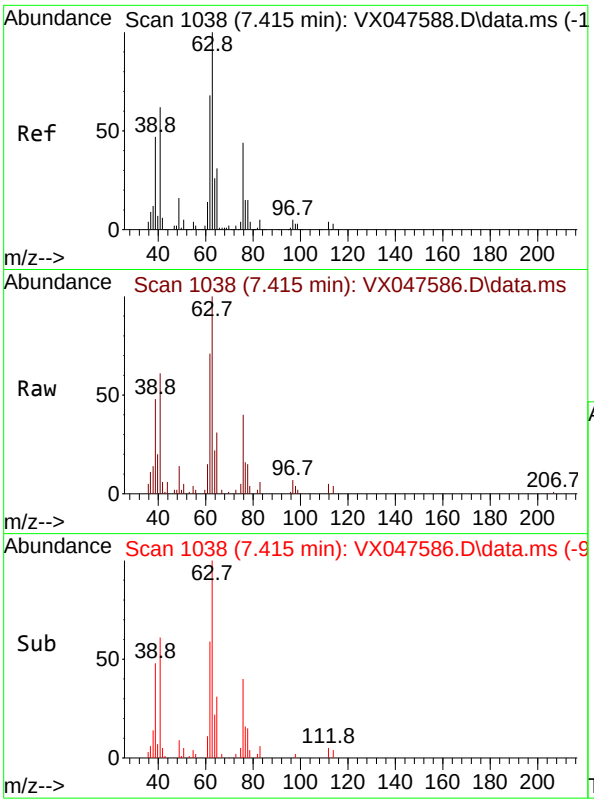


#44
Trichloroethene
Concen: 5.314 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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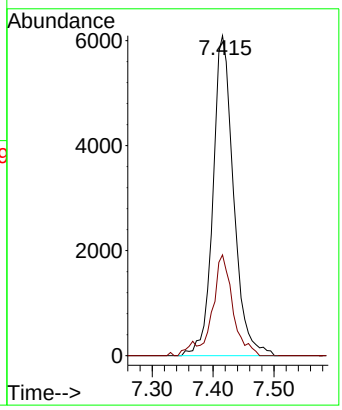
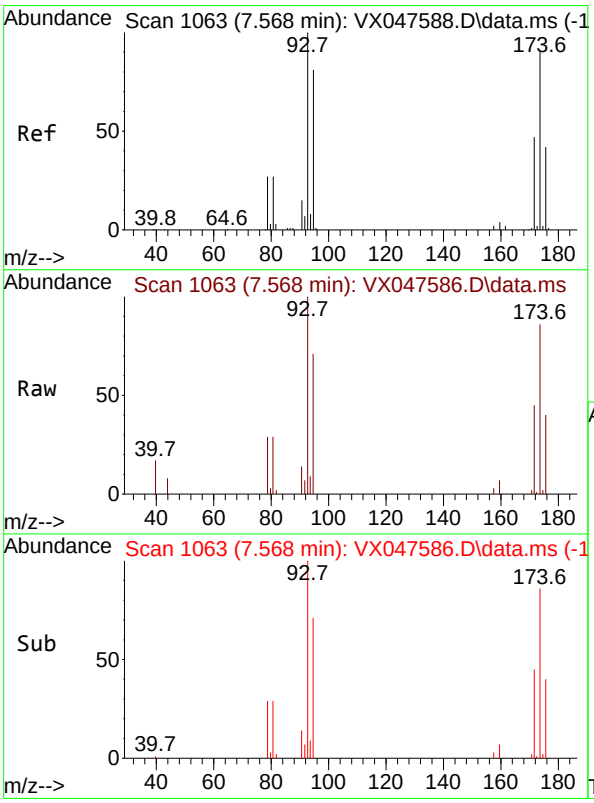
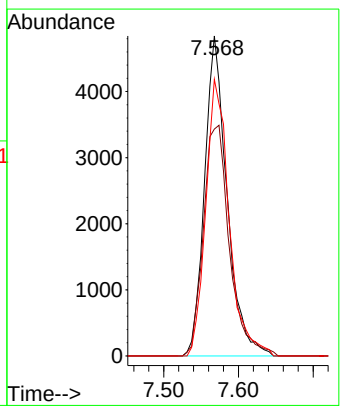


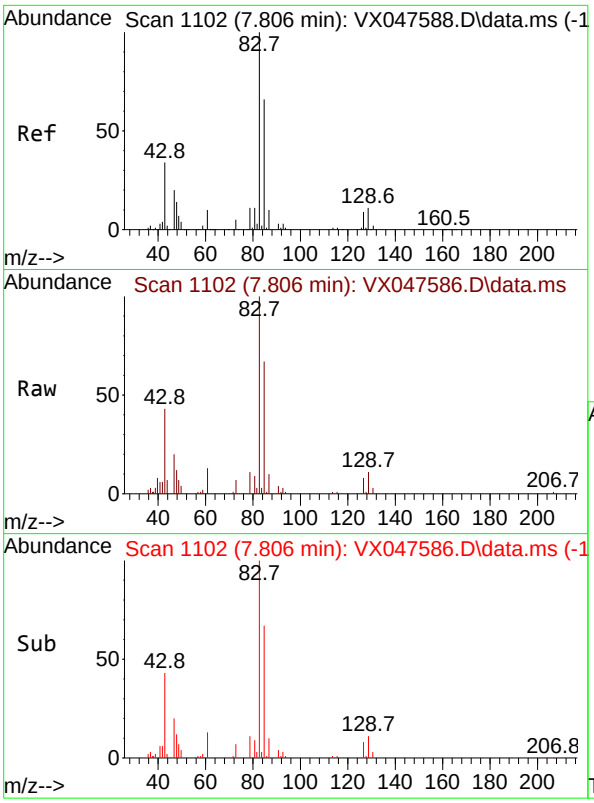


#46
Dibromomethane
Concen: 5.146 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

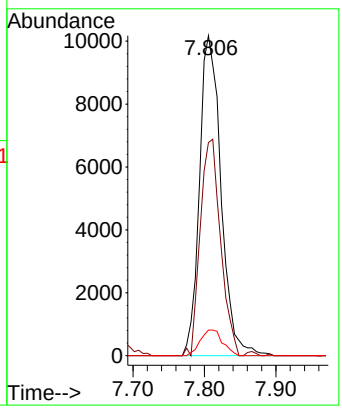




#47
Bromodichloromethane
Concen: 5.235 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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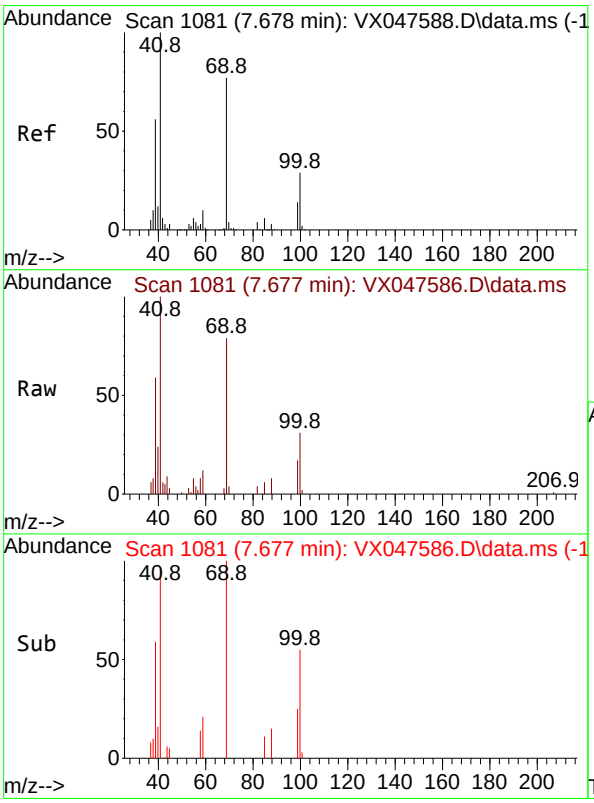
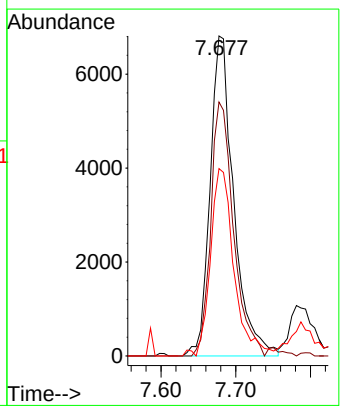
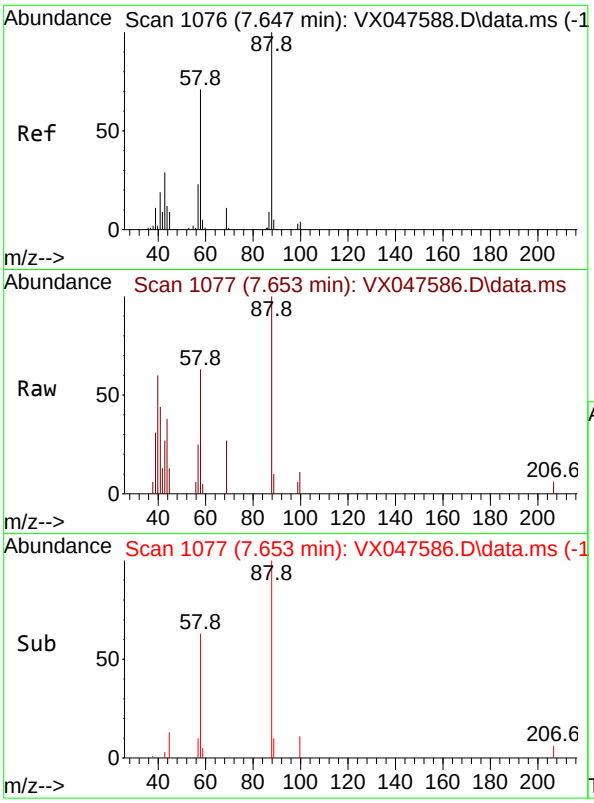


#48
Methyl methacrylate
Concen: 4.915 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

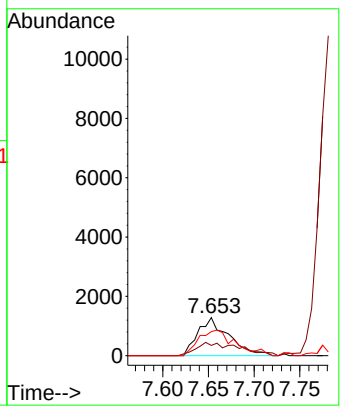




#49
1,4-Dioxane
Concen: 98.096 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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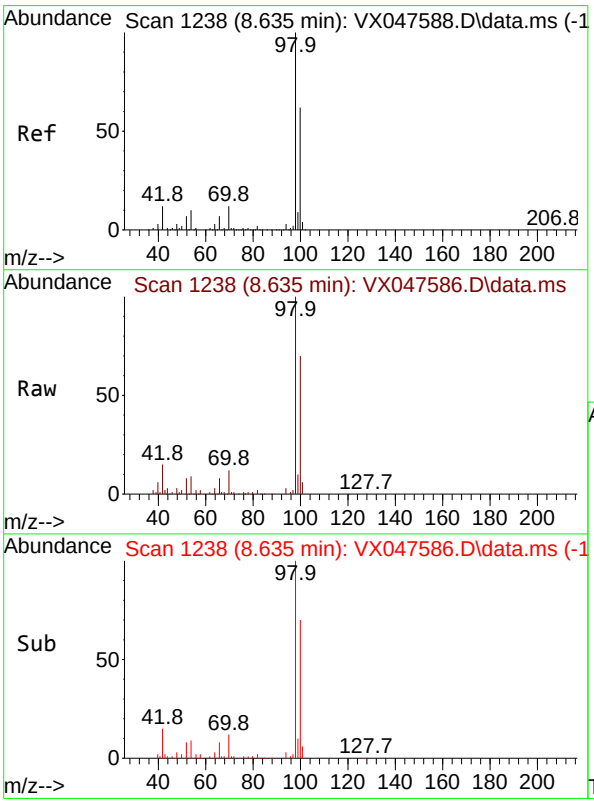
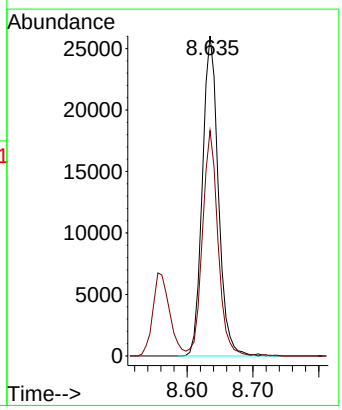
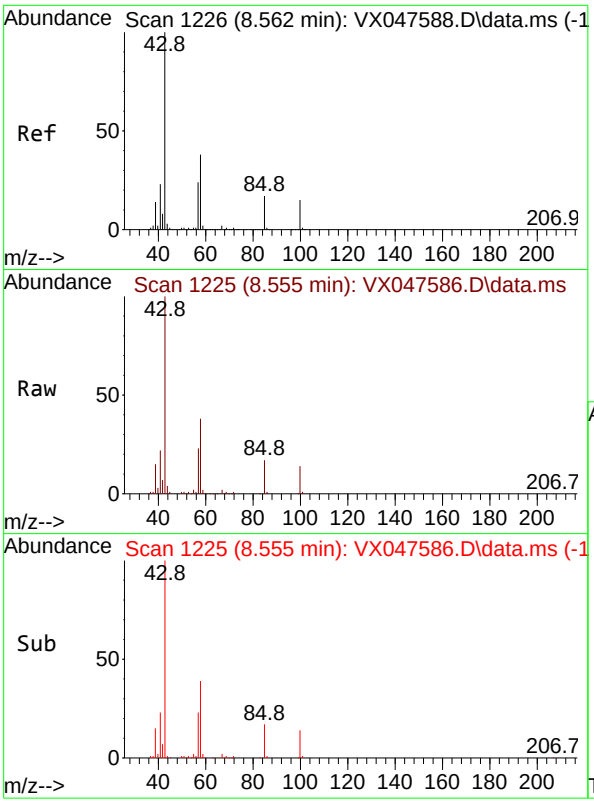


#50
Toluene-d8
Concen: 5.332 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 98 Resp: 43926

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4

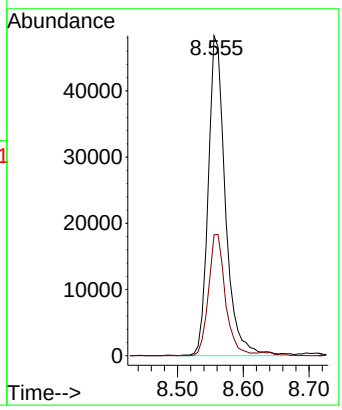




#51
4-Methyl-2-Pentanone
Concen: 25.828 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 8749

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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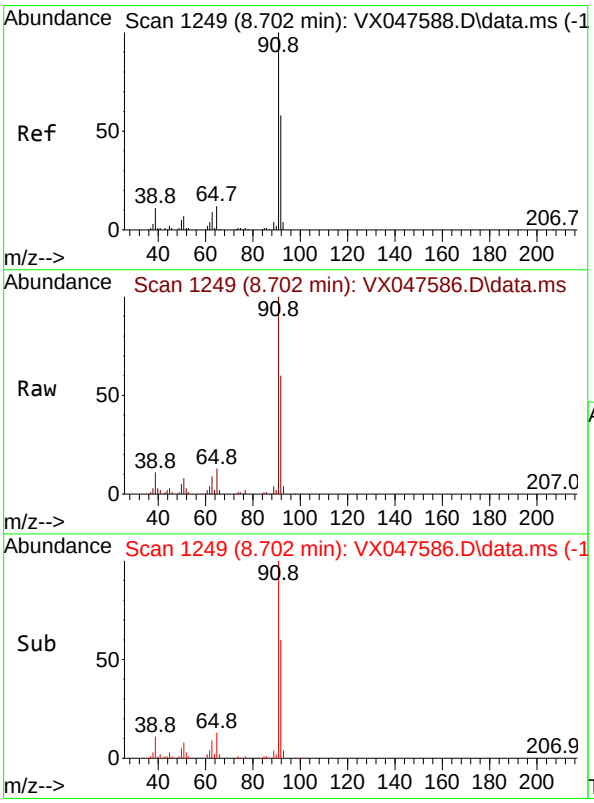
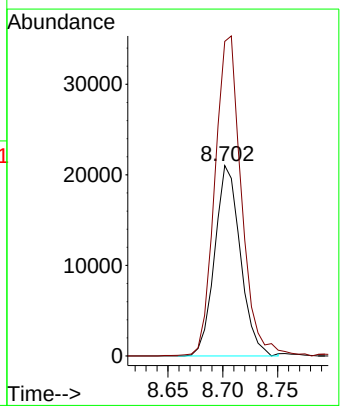
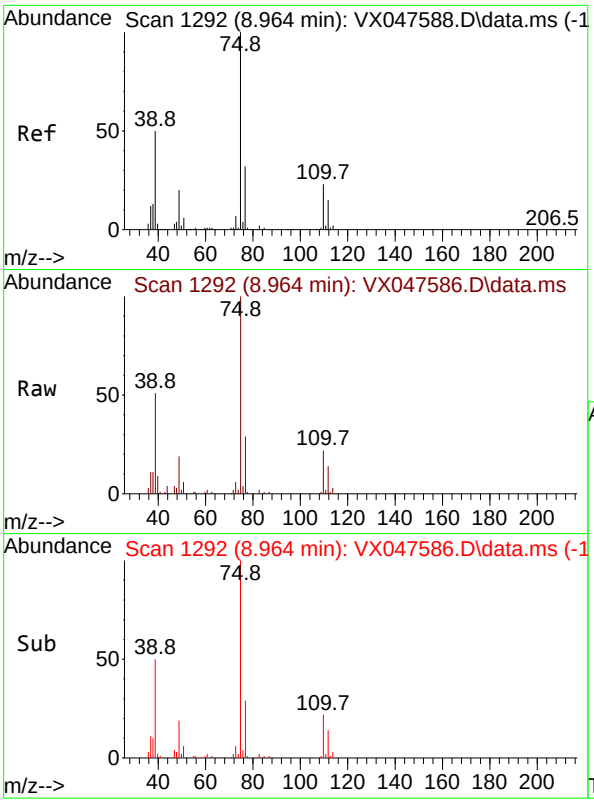


#52
Toluene
Concen: 5.271 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 92 Resp: 34314

Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.1	205.7

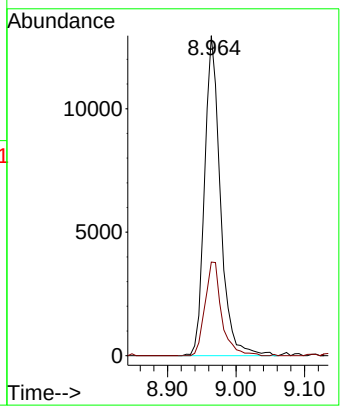




#53
t-1,3-Dichloropropene
Concen: 5.034 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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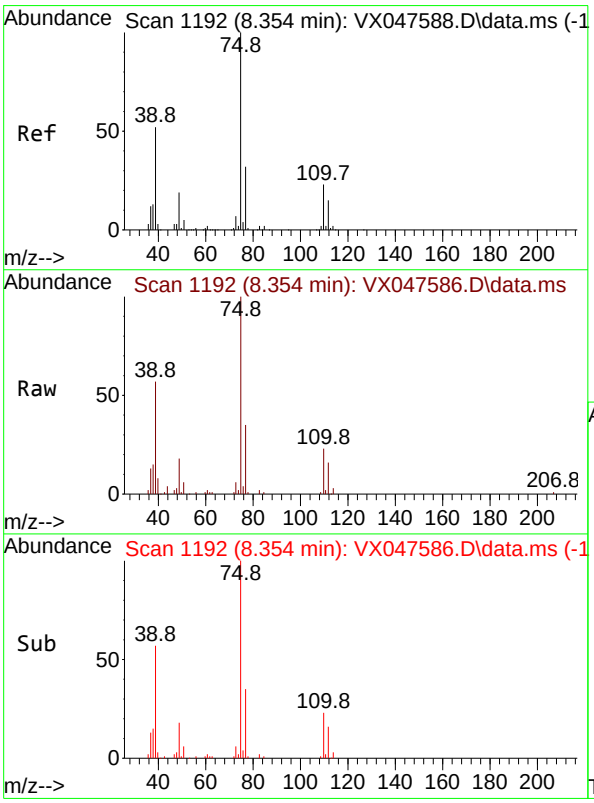
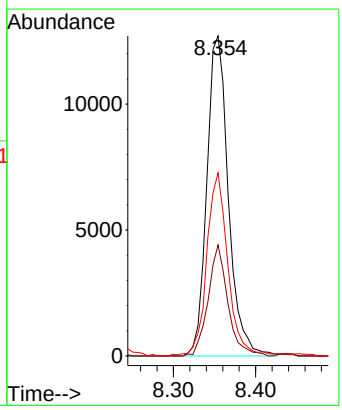
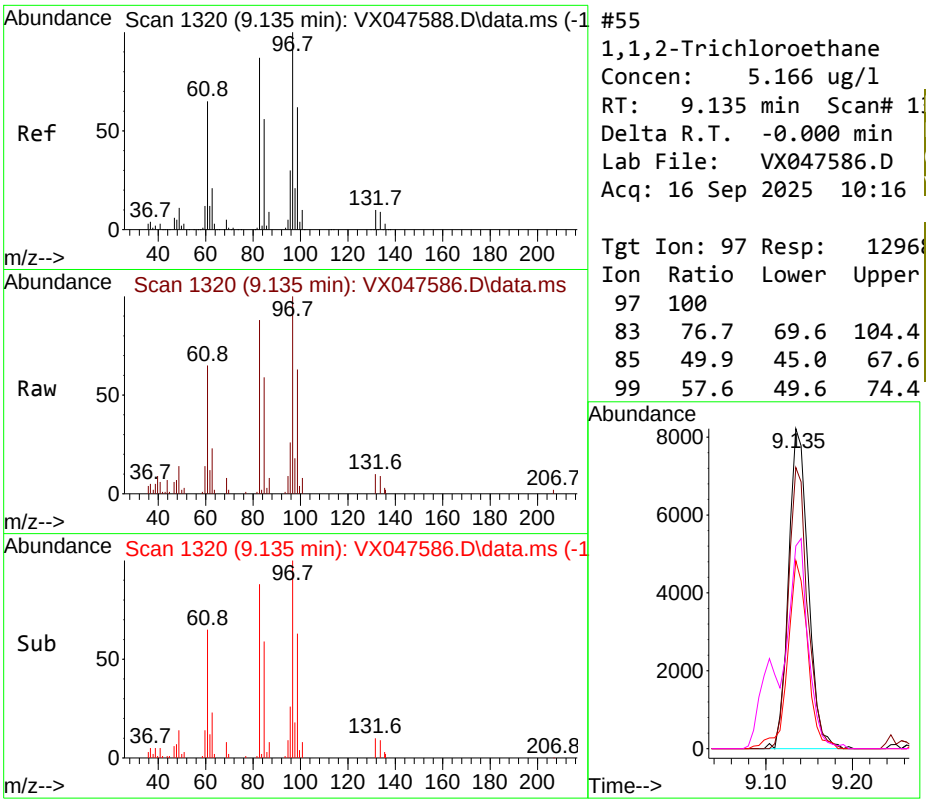


#54
cis-1,3-Dichloropropene
Concen: 5.227 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

Manual Integrations
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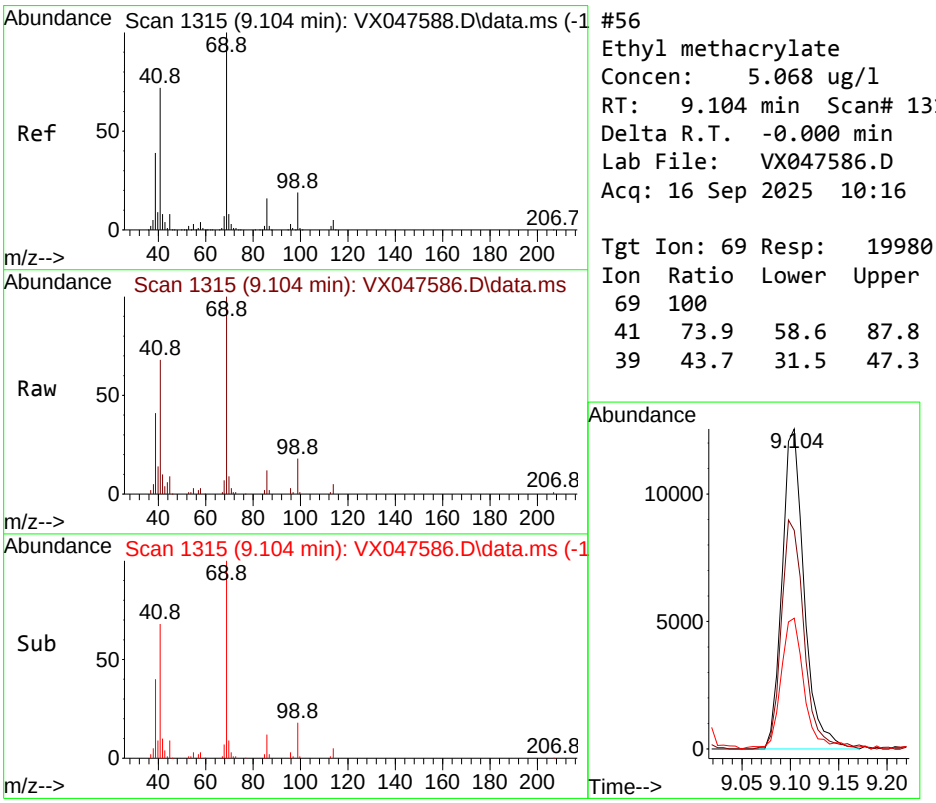
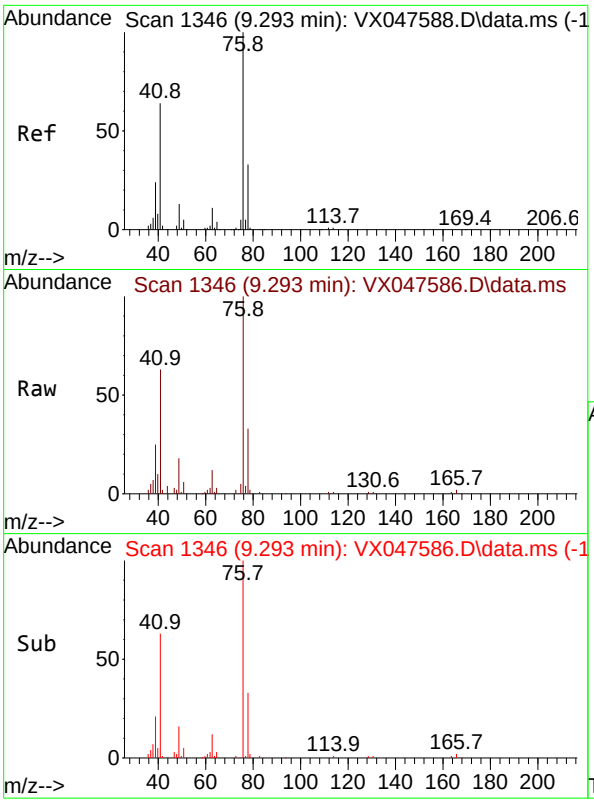


#56
Ethyl methacrylate
Concen: 5.068 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 69 Resp: 19980

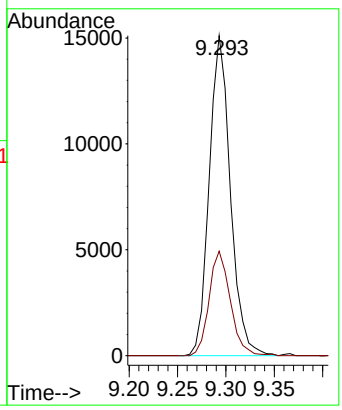
Ion	Ratio	Lower	Upper
69	100		
41	73.9	58.6	87.8
39	43.7	31.5	47.3



#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

Manual Integrations APPROVED

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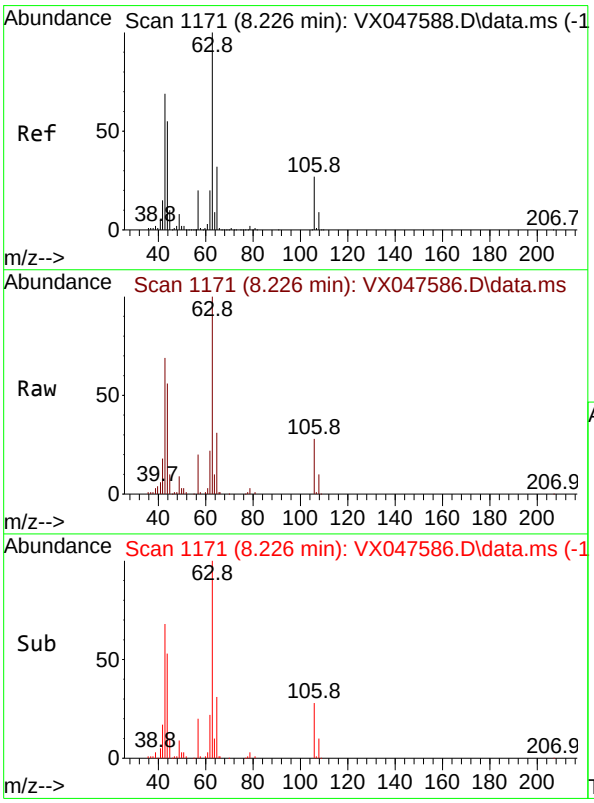
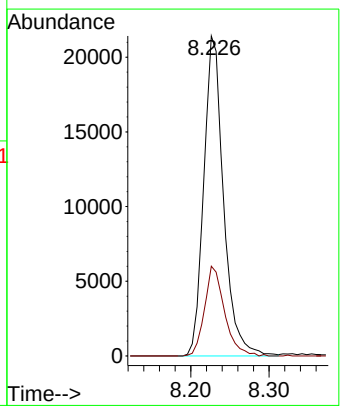
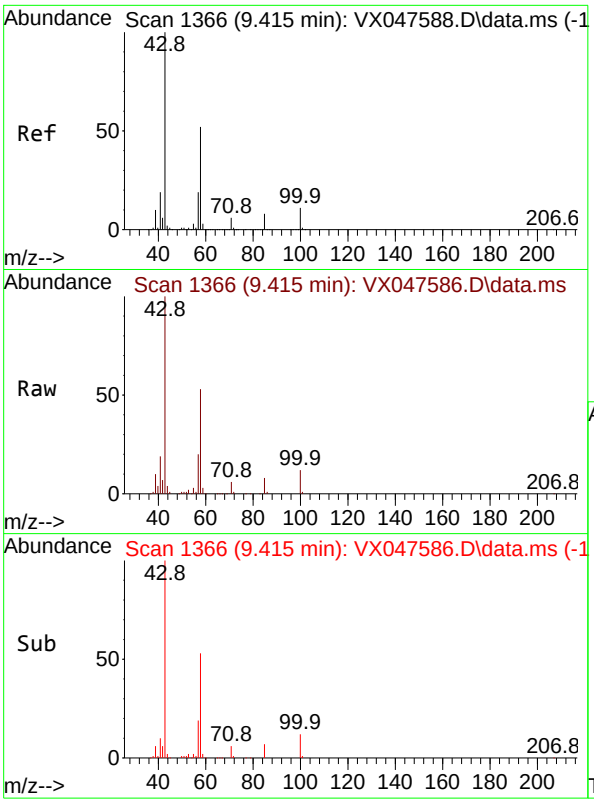


#58
2-Chloroethyl Vinyl ether
Concen: 27.899 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 37585

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.9	32.9

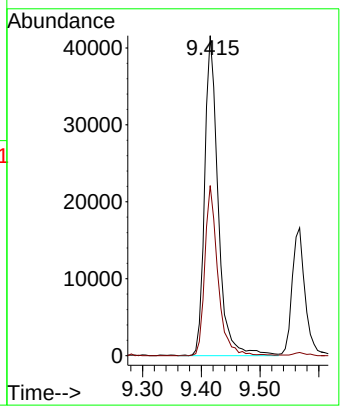




#59
2-Hexanone
Concen: 27.275 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 6635

Ion	Ratio	Lower	Upper
43	100		
58	51.1	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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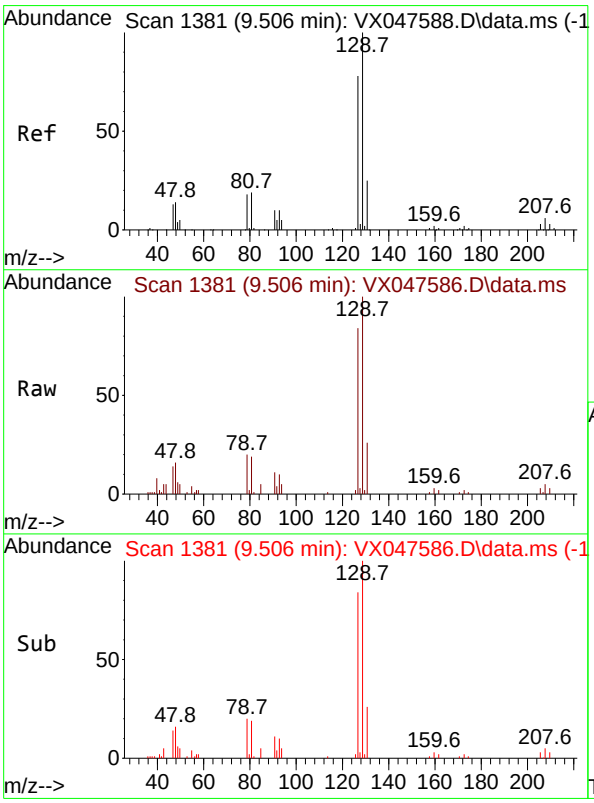
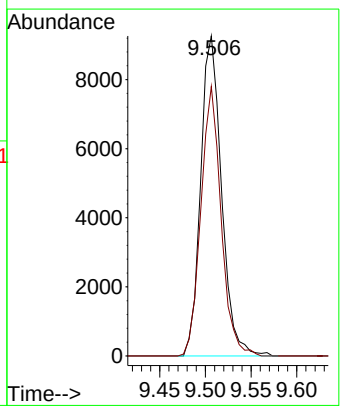
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

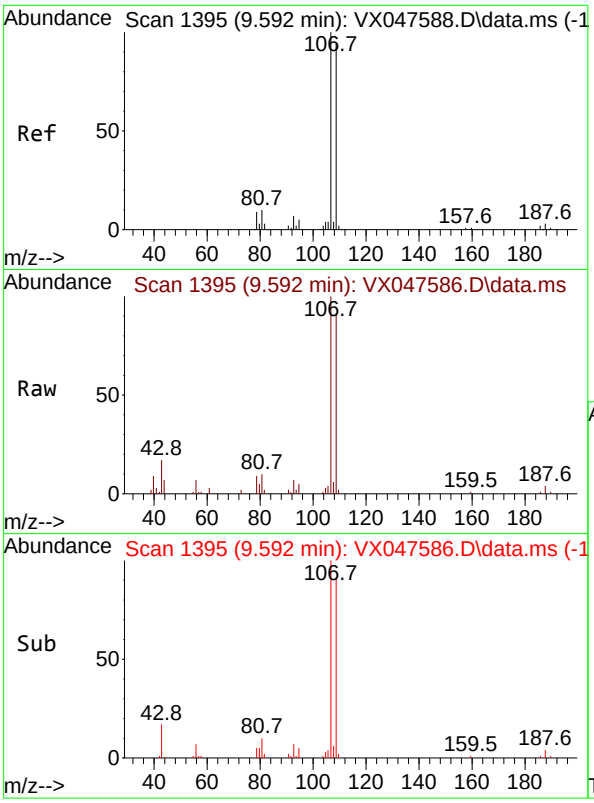


#60
Dibromochloromethane
Concen: 5.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:129 Resp: 14705

Ion	Ratio	Lower	Upper
129	100		
127	81.4	38.4	115.2

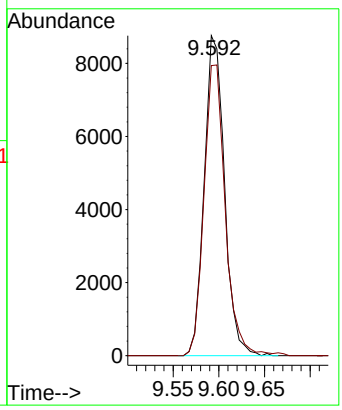




#61
1,2-Dibromoethane
Concen: 5.264 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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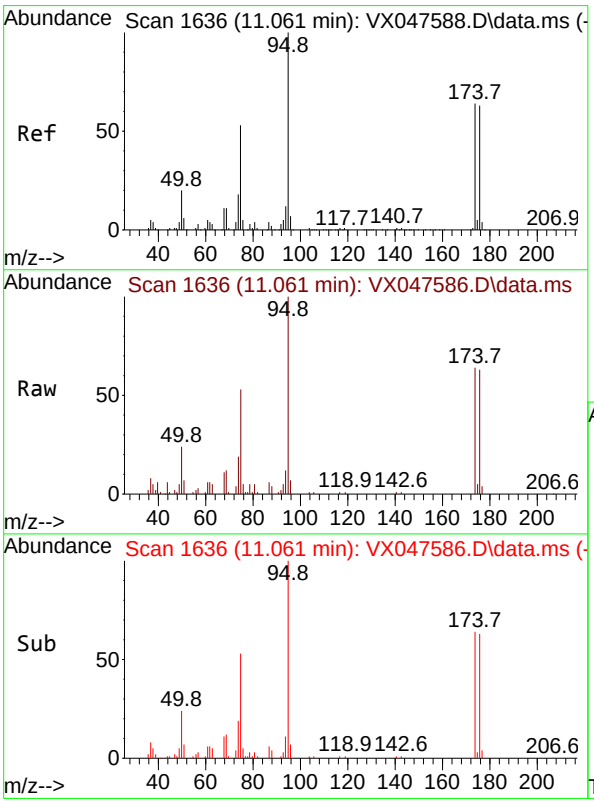
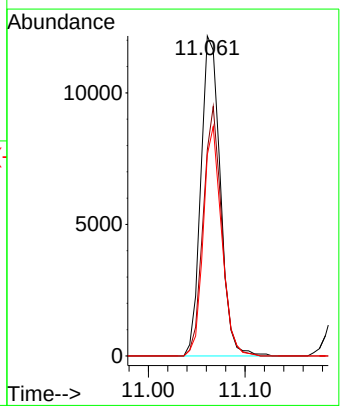
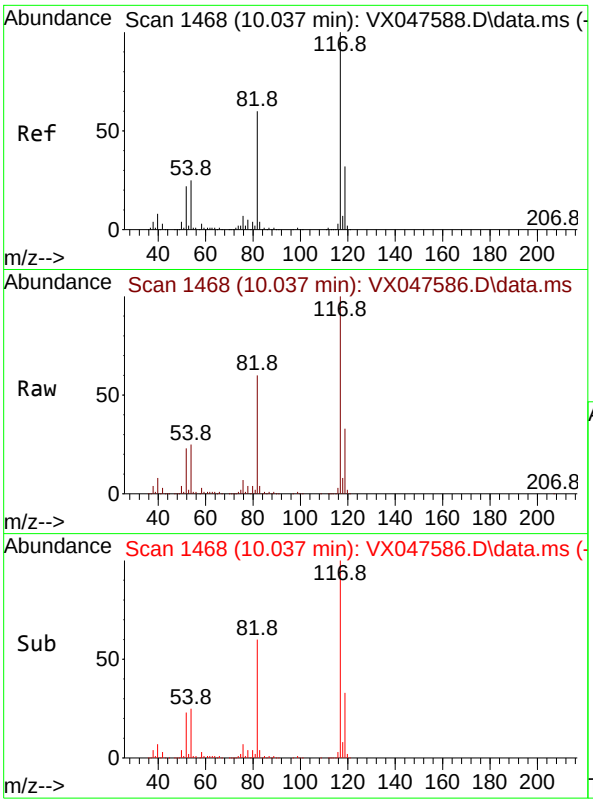


#62
4-Bromofluorobenzene
Concen: 5.429 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

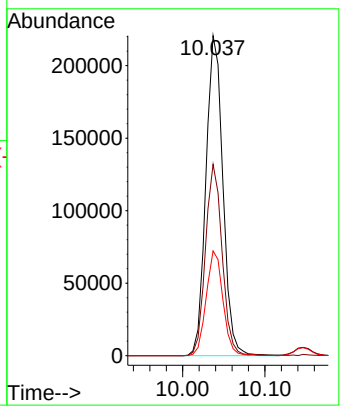




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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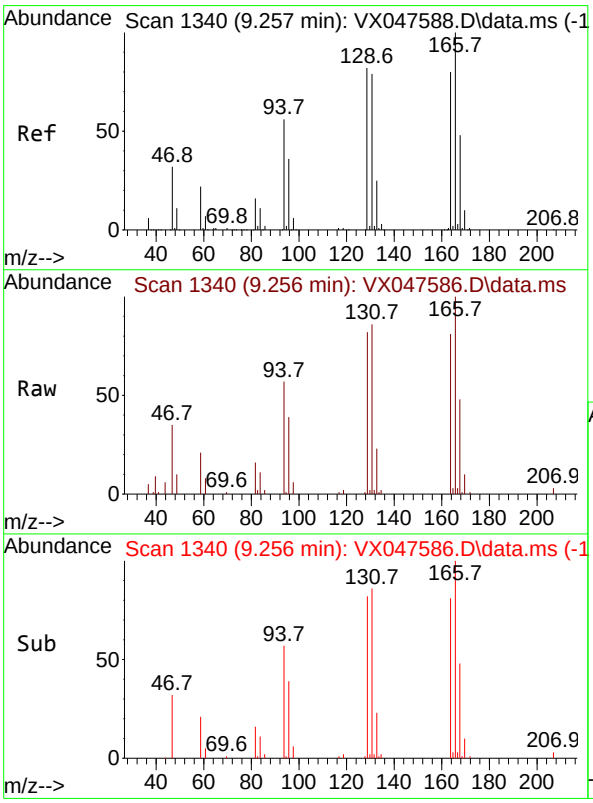
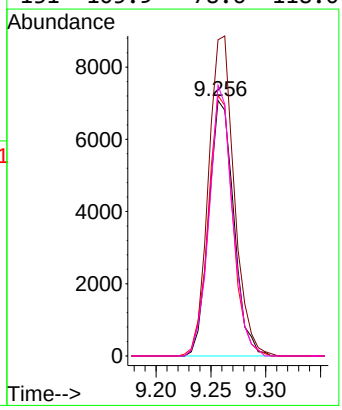
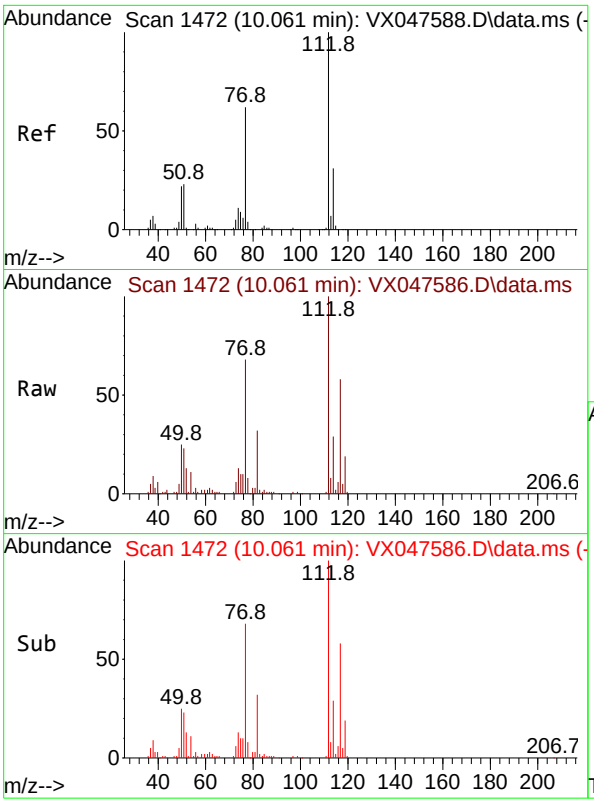


#64
Tetrachloroethene
Concen: 5.428 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

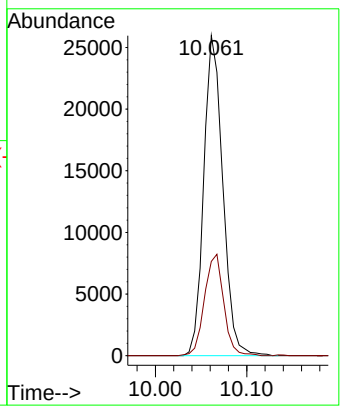




#65
Chlorobenzene
Concen: 5.203 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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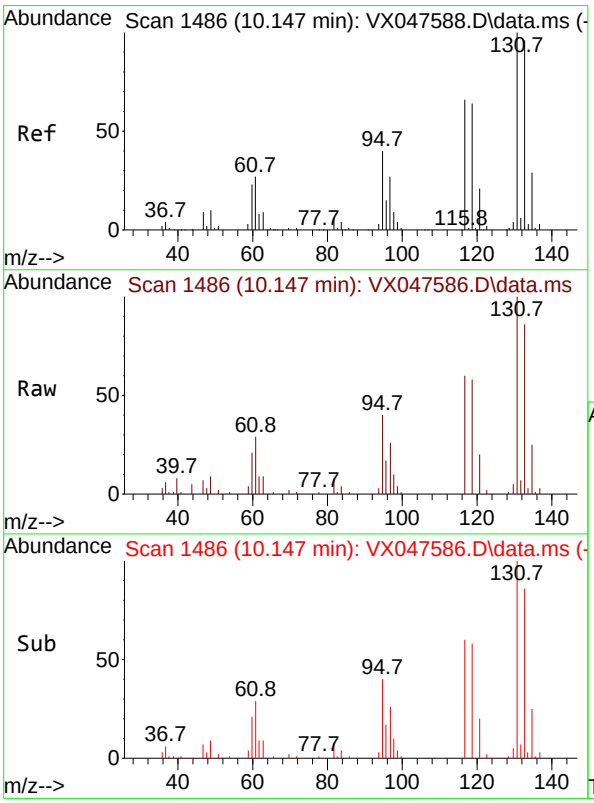
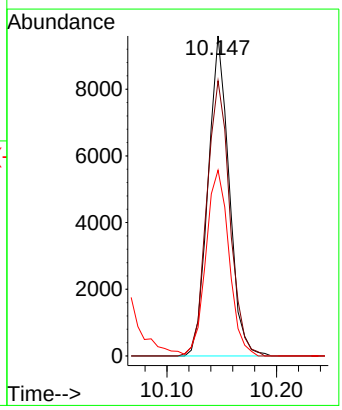
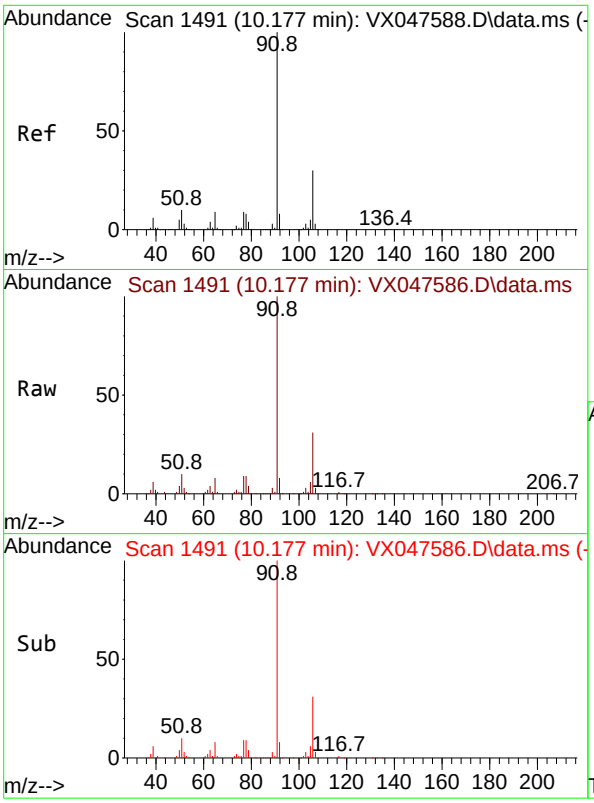


#66
1,1,1,2-Tetrachloroethane
Concen: 5.149 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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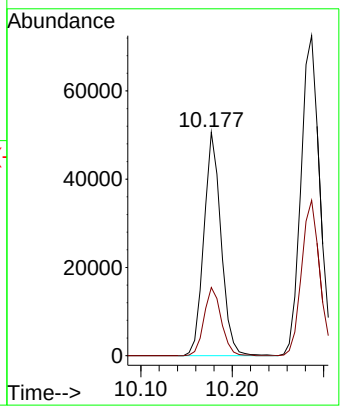
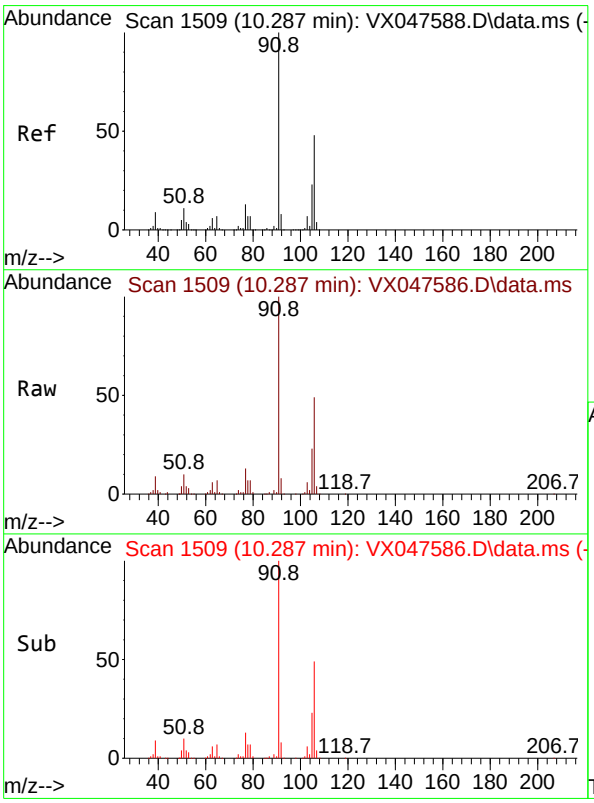
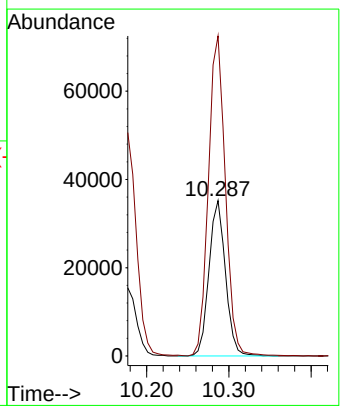


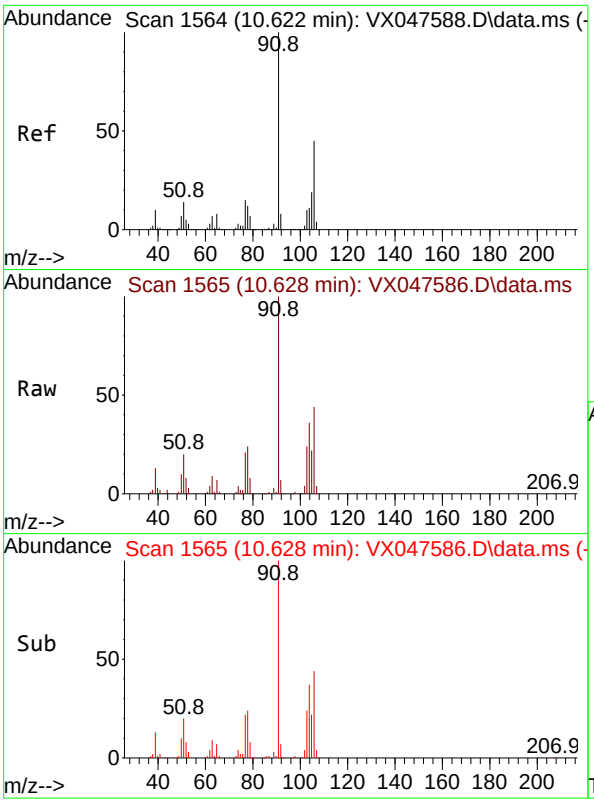


#68
m/p-Xylenes
Concen: 10.613 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 49132

Ion	Ratio	Lower	Upper
106	100		
91	211.6	167.8	251.8

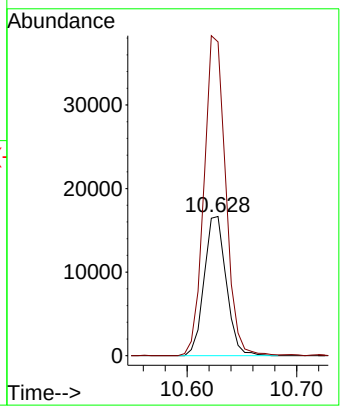




#69
o-Xylene
Concen: 5.204 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 2330

Ion	Ratio	Lower	Upper
106	100		
91	226.3	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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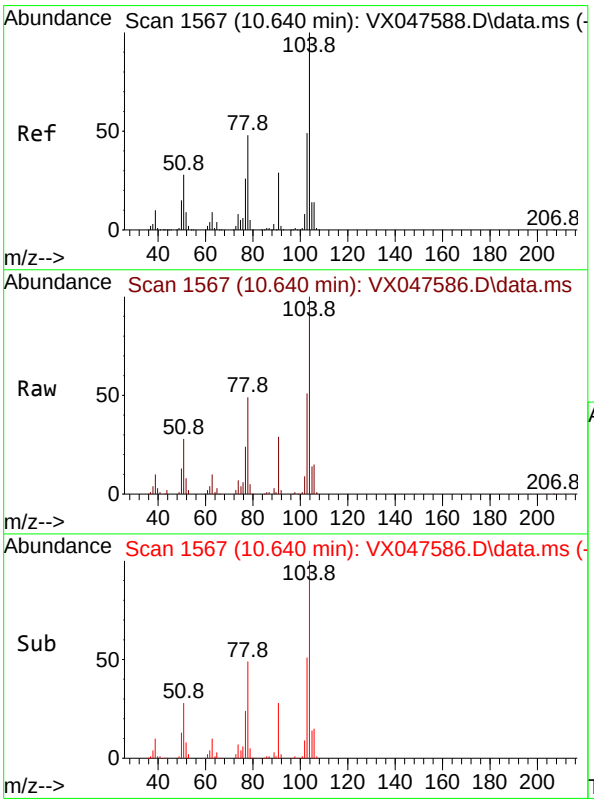
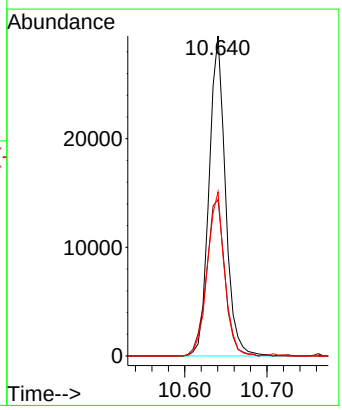
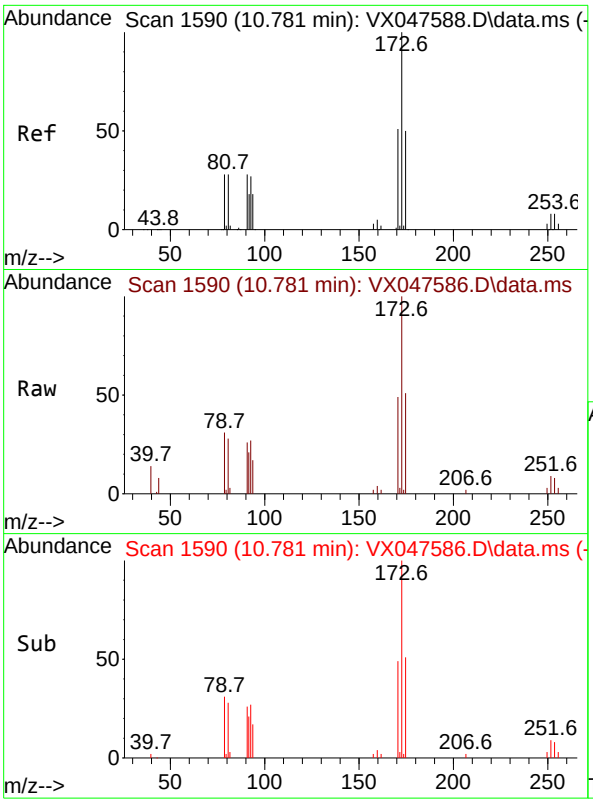


#70
Styrene
Concen: 5.210 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

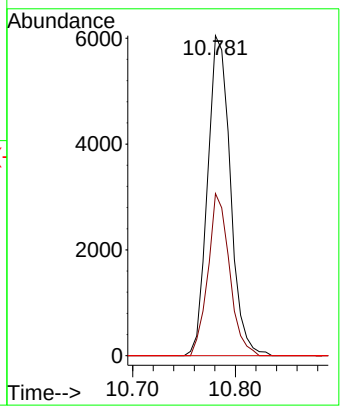




#71
Bromoform
Concen: 5.006 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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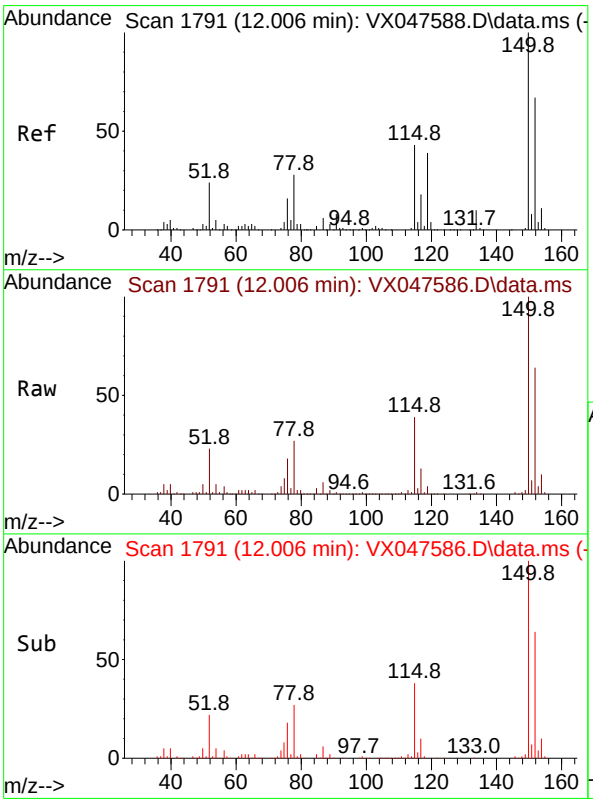
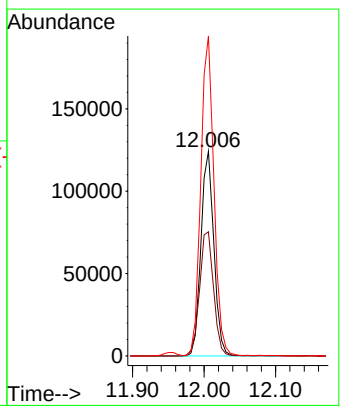
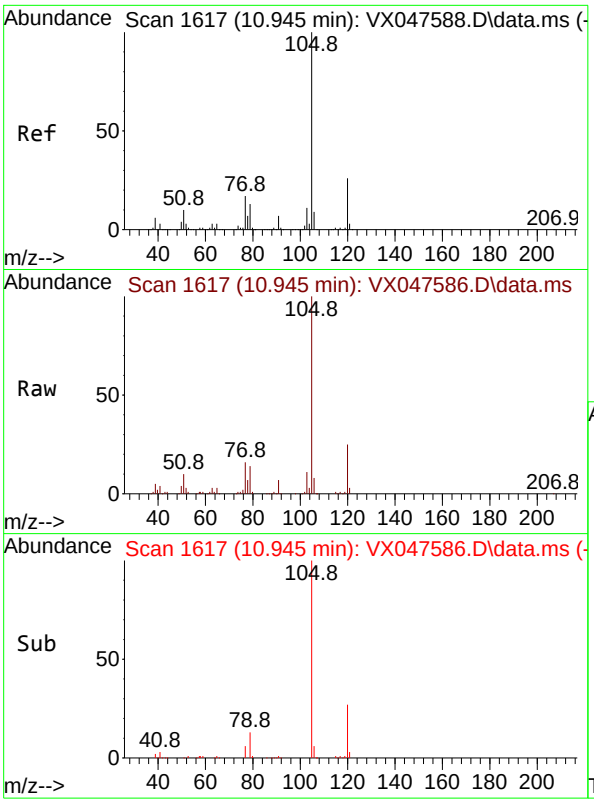


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

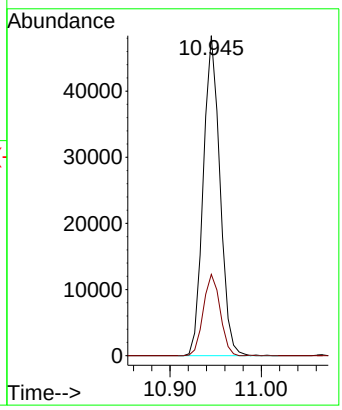




#73
Isopropylbenzene
Concen: 5.139 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 6102

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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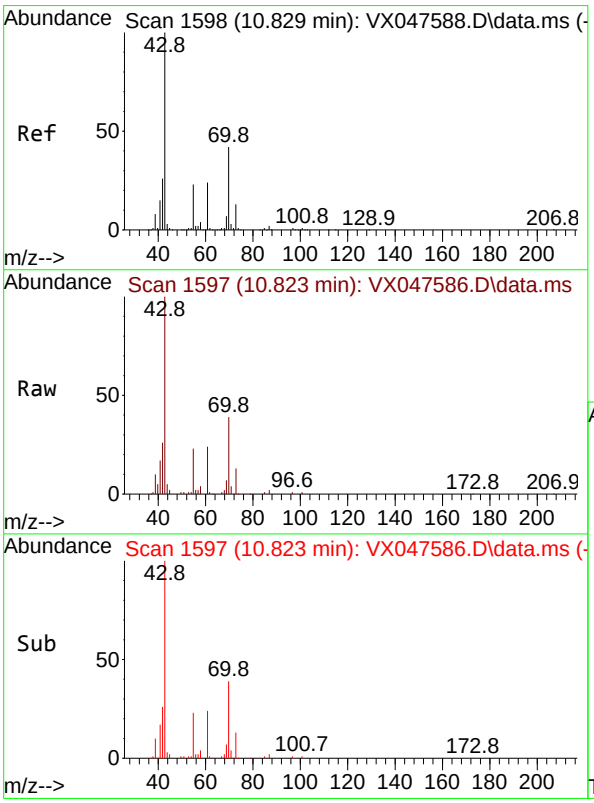
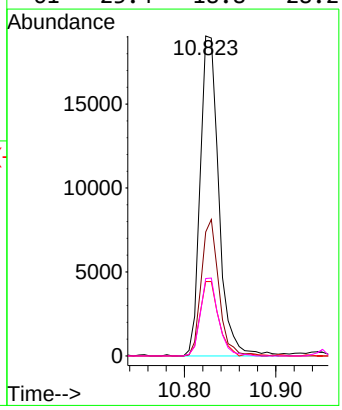
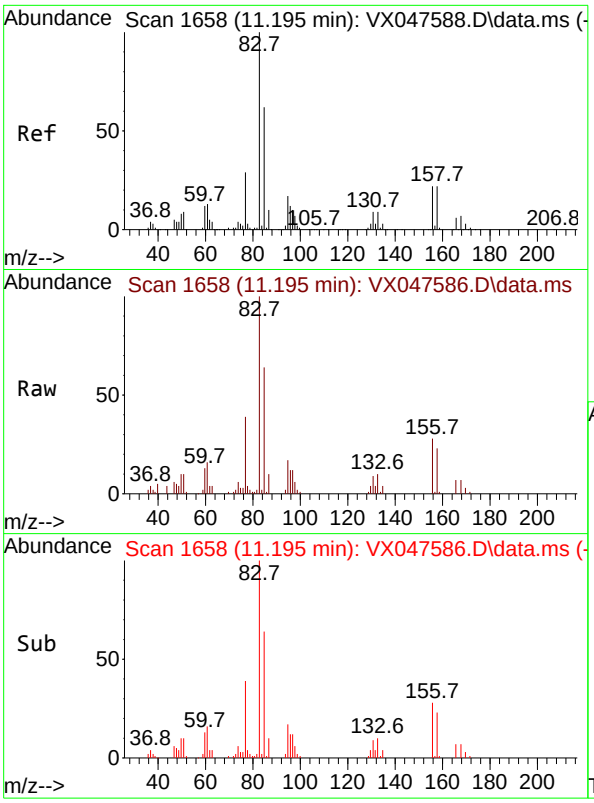


#74
N-amyl acetate
Concen: 4.980 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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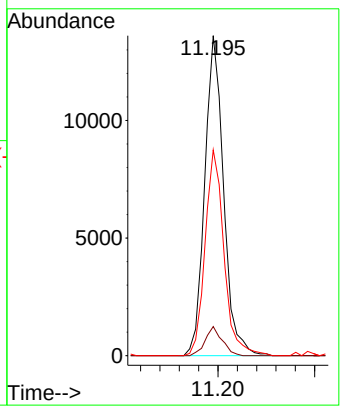
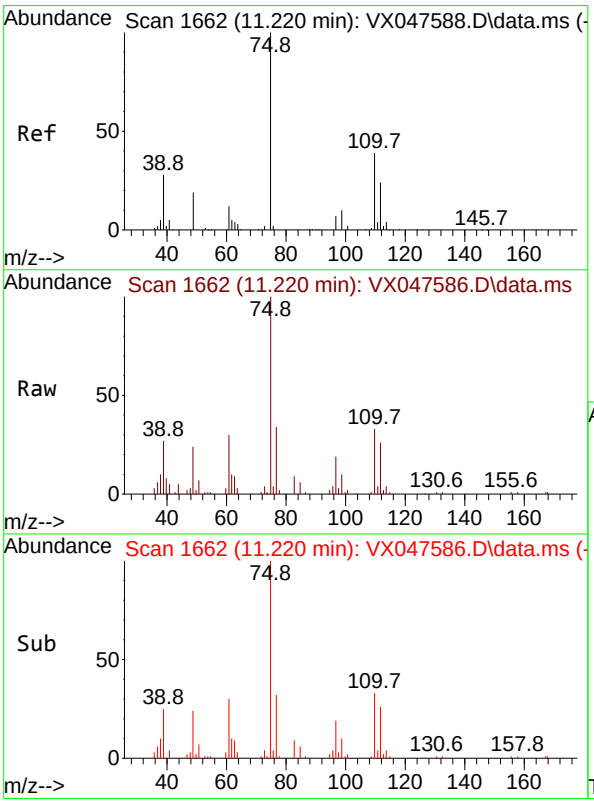
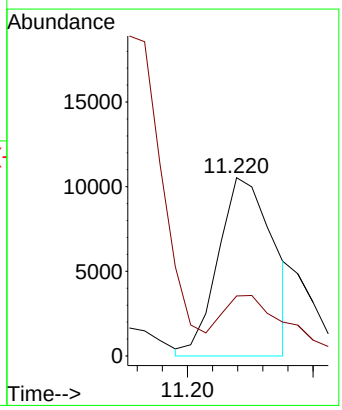


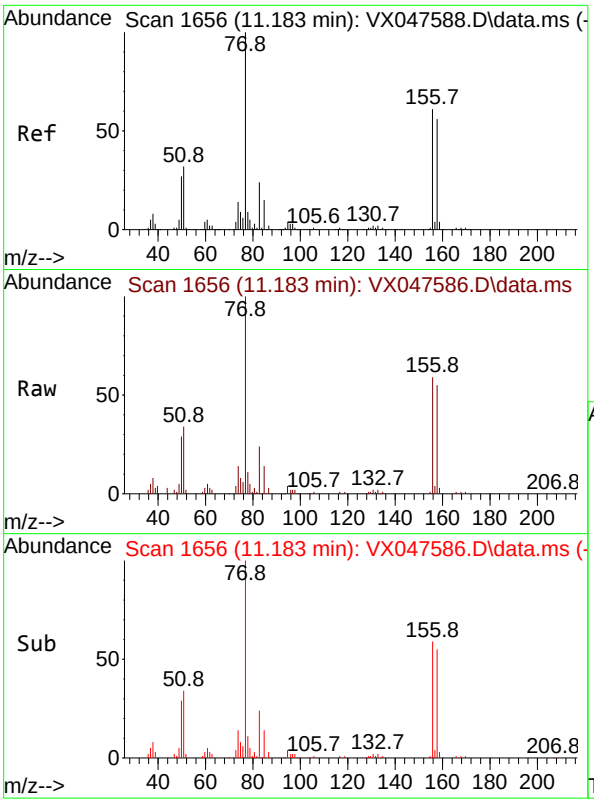


#76
1,2,3-Trichloropropane
Concen: 4.927 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 15982

Ion	Ratio	Lower	Upper
75	100		
77	40.6	18.8	56.4

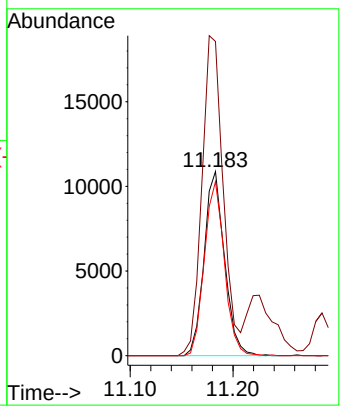




#77
Bromobenzene
Concen: 5.150 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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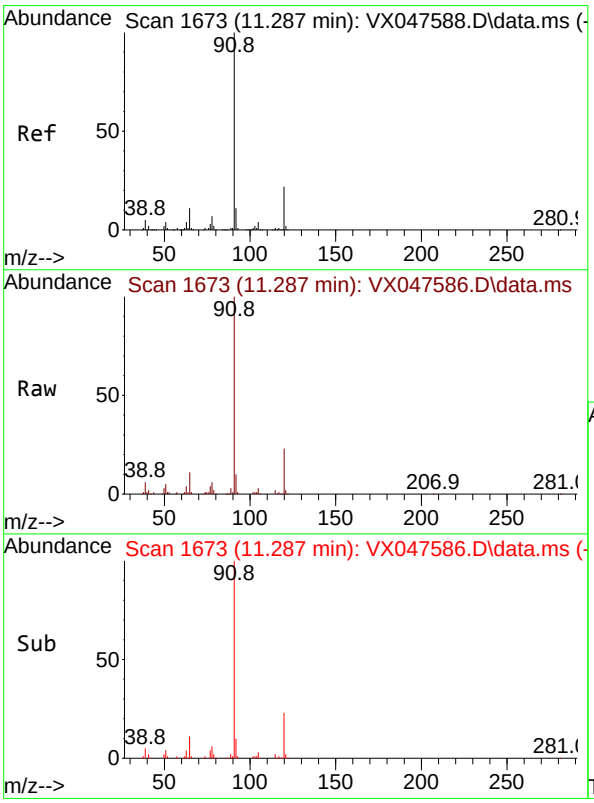
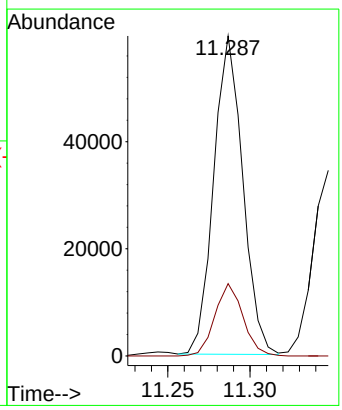
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

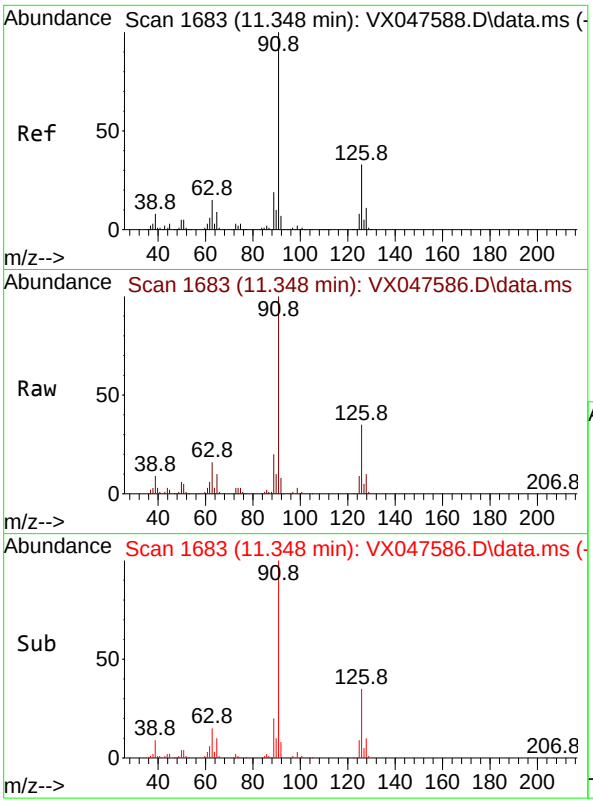


#78
n-propylbenzene
Concen: 5.192 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 72900

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1

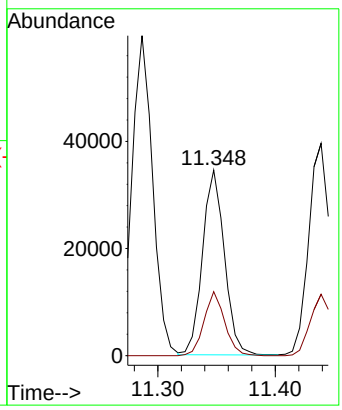




#79
2-Chlorotoluene
Concen: 5.194 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 4466

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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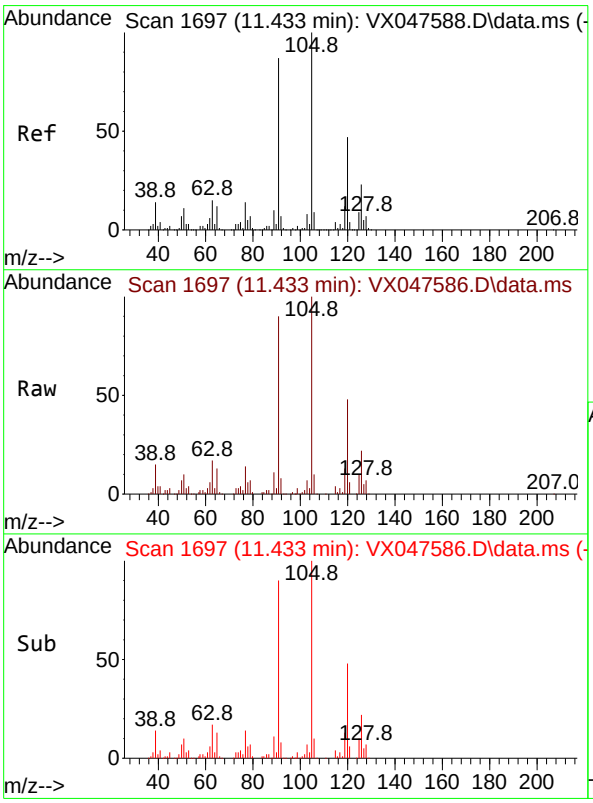
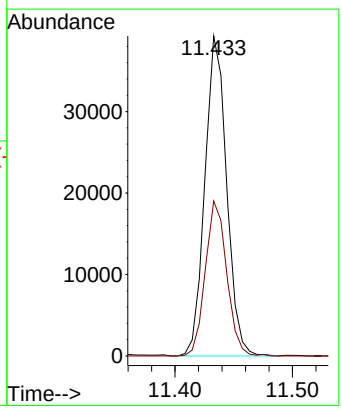
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

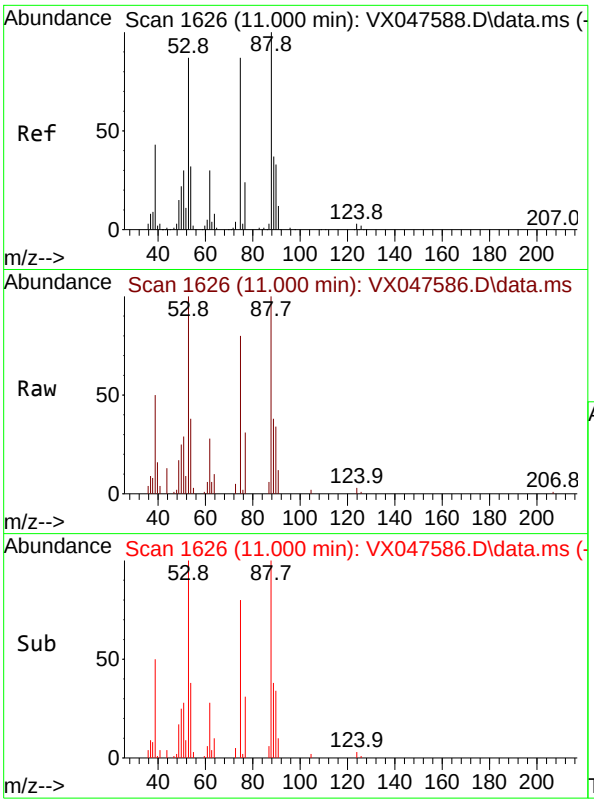


#80
1,3,5-Trimethylbenzene
Concen: 5.179 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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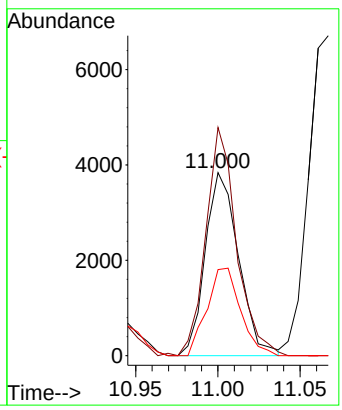
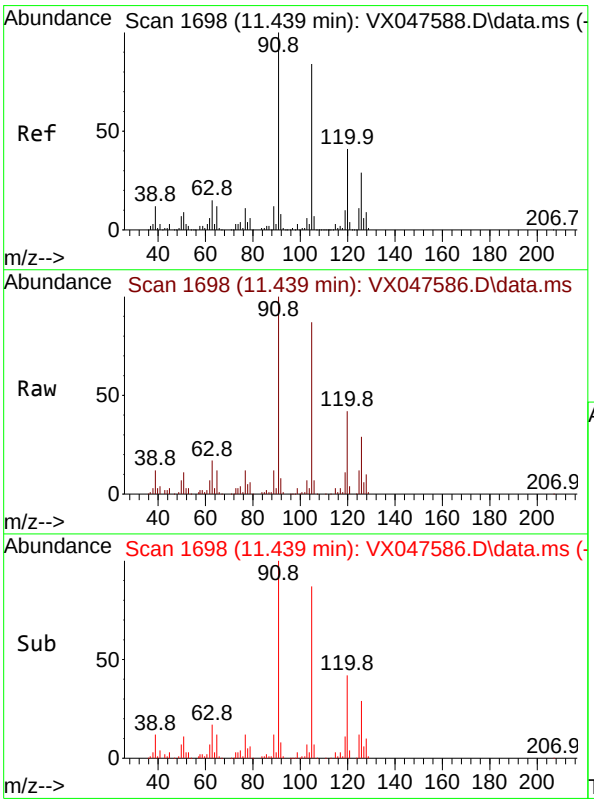
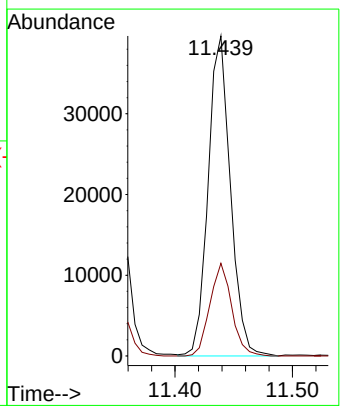


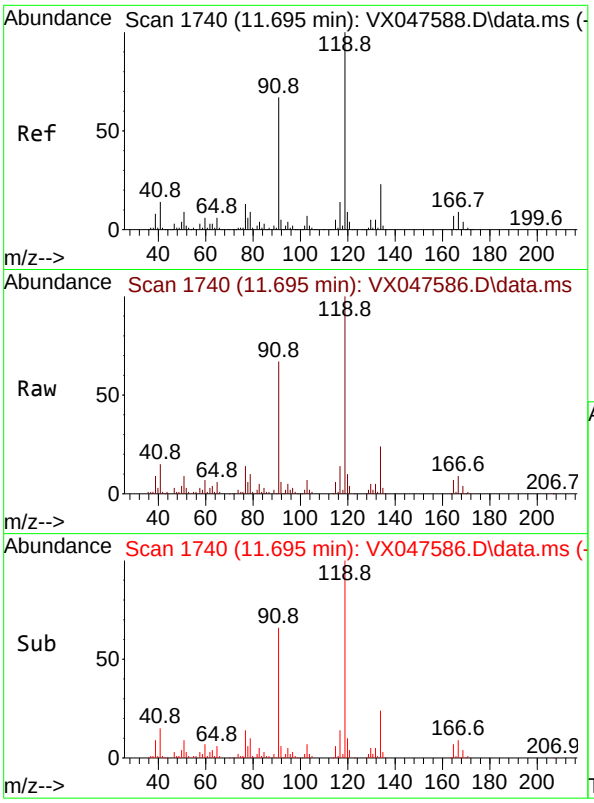


#82
4-Chlorotoluene
Concen: 5.149 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 52294

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.2	42.6

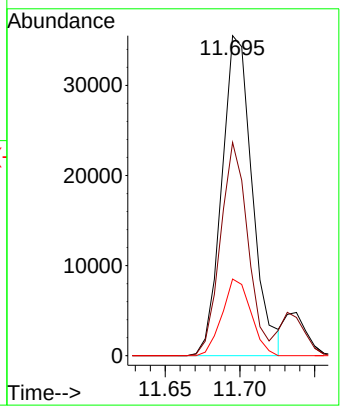




#83
tert-Butylbenzene
Concen: 5.041 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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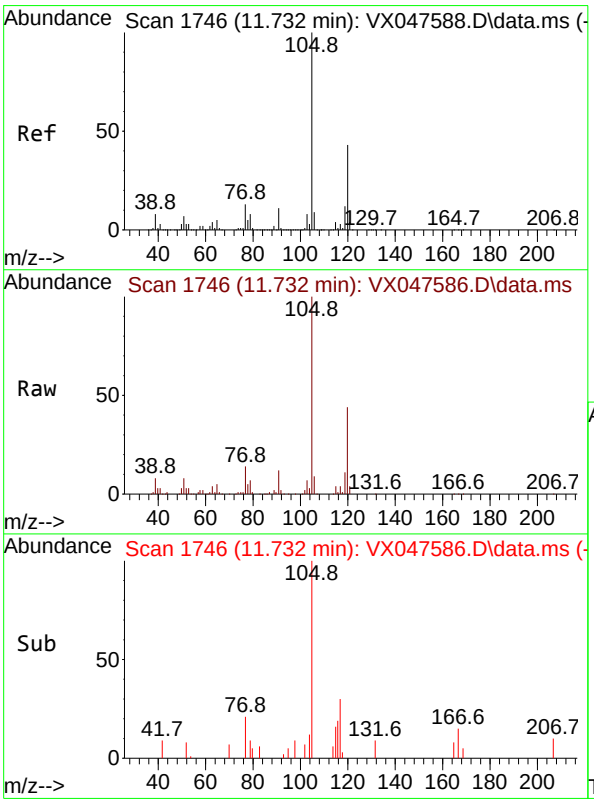
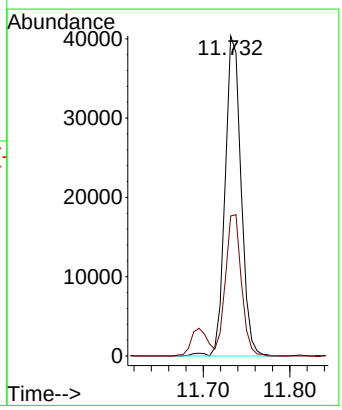
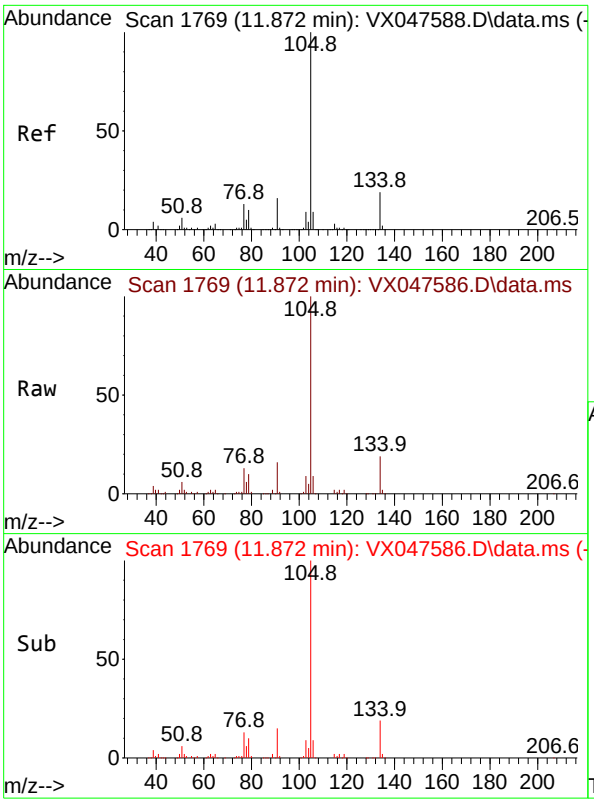


#84
1,2,4-Trimethylbenzene
Concen: 5.214 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 51583

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1

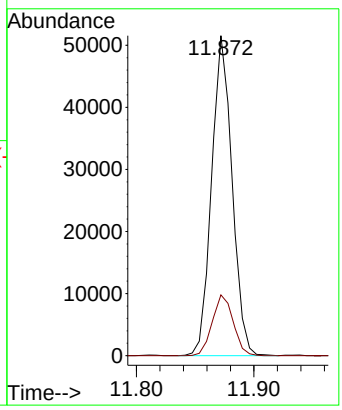




#85
sec-Butylbenzene
Concen: 5.268 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 6250

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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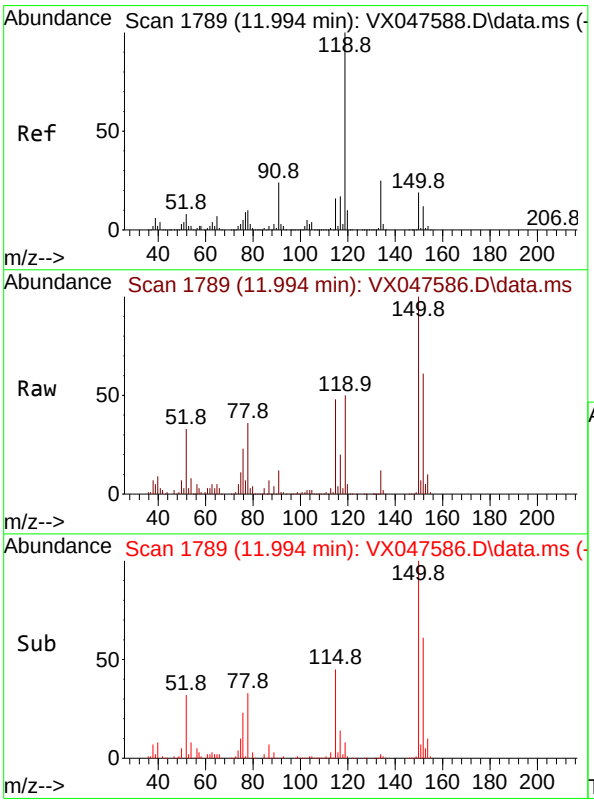
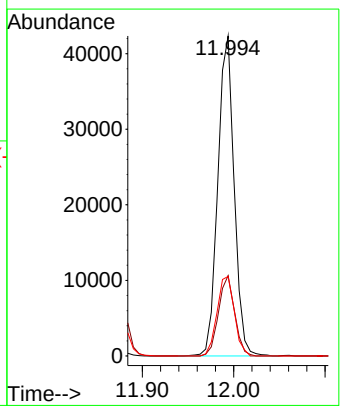
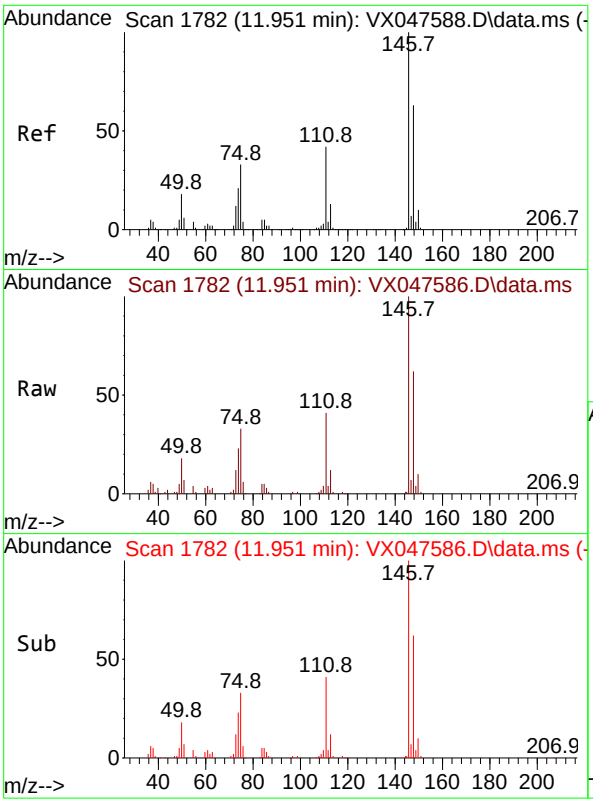


#86
p-Isopropyltoluene
Concen: 5.244 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

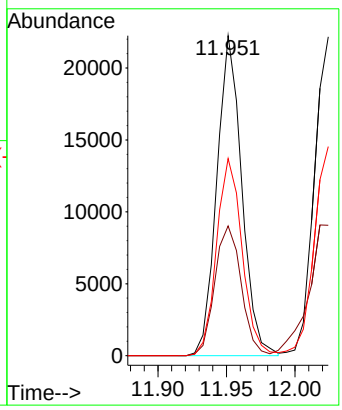




#87
1,3-Dichlorobenzene
Concen: 5.175 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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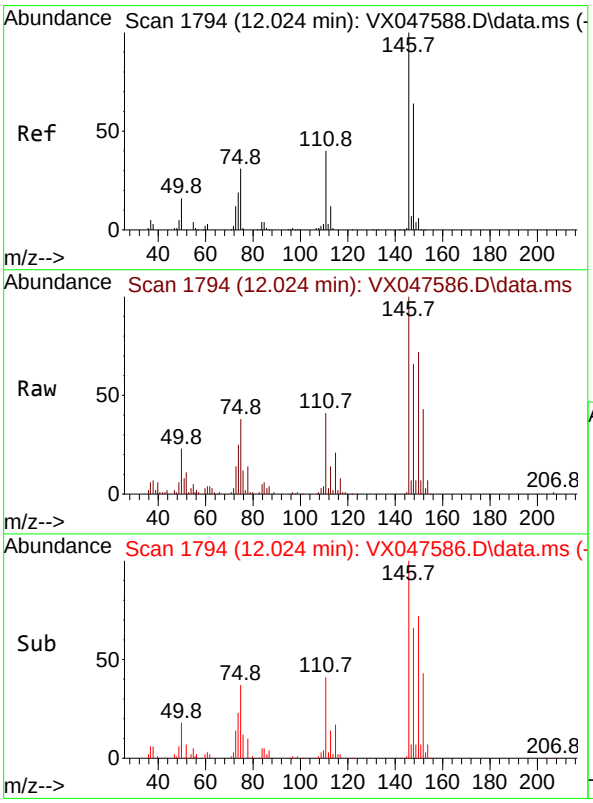
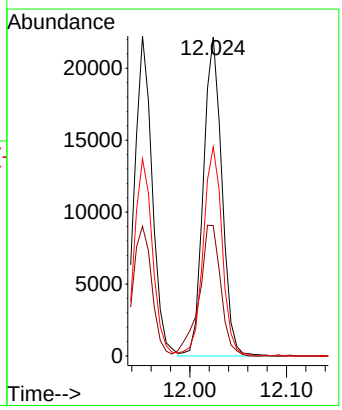
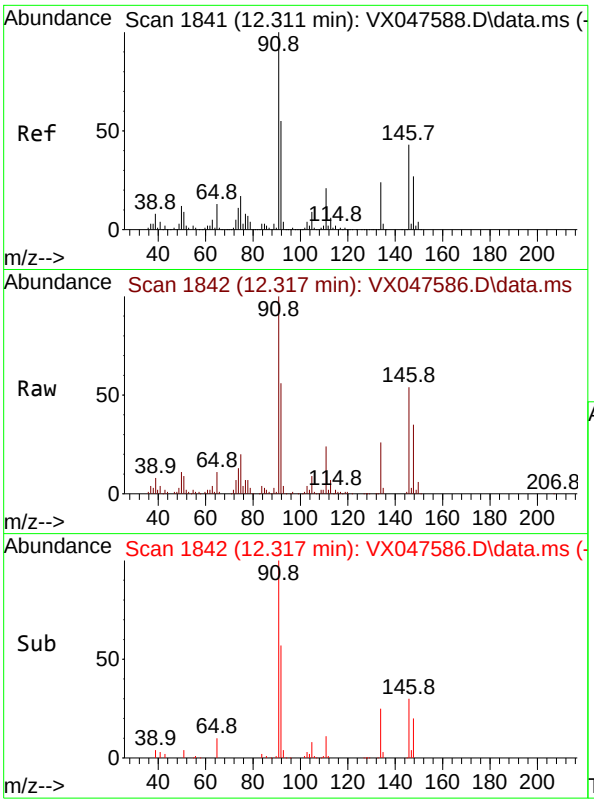


#88
1,4-Dichlorobenzene
Concen: 5.294 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

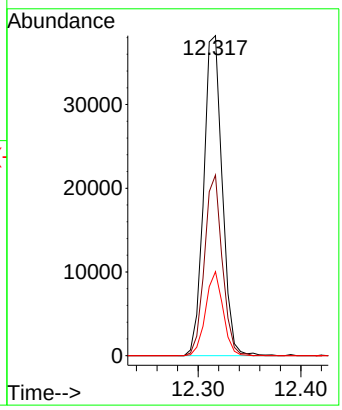




#89
n-Butylbenzene
Concen: 5.159 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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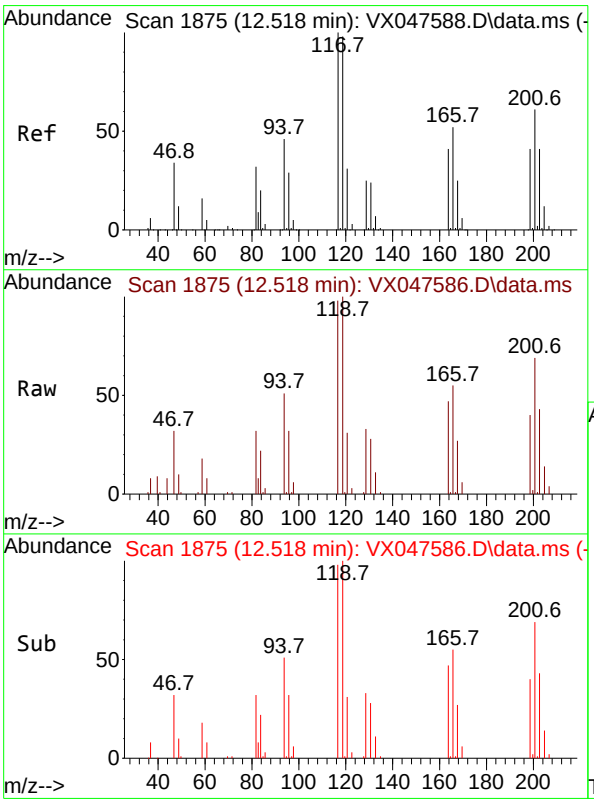
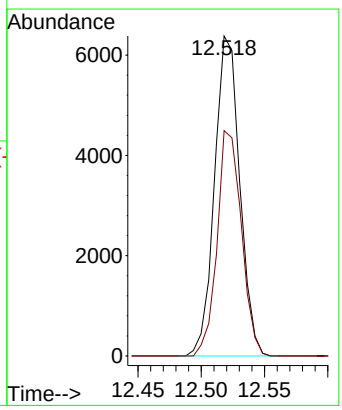
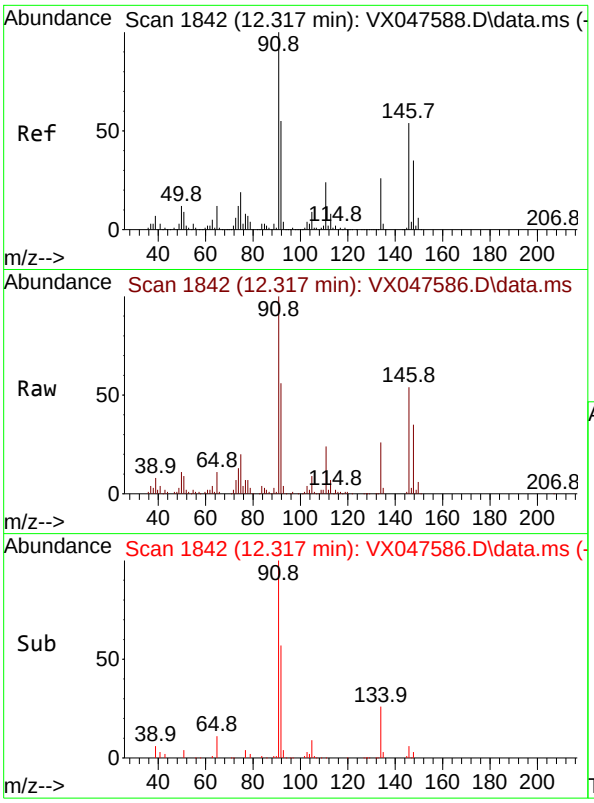


#90
Hexachloroethane
Concen: 5.007 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 8830

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.2	102.5

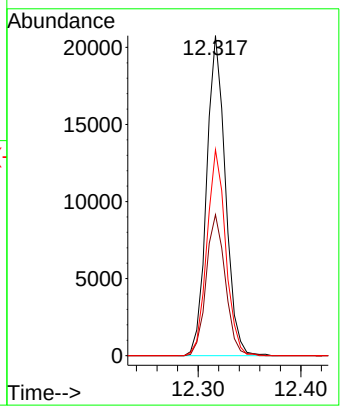




#91
1,2-Dichlorobenzene
Concen: 5.102 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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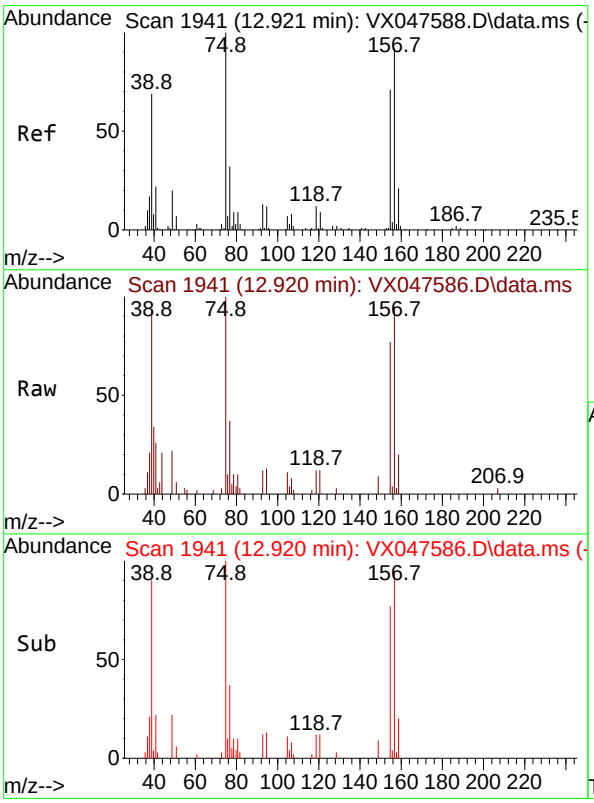
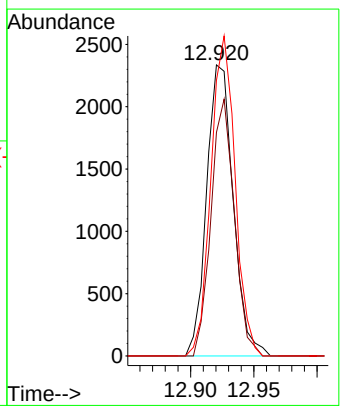
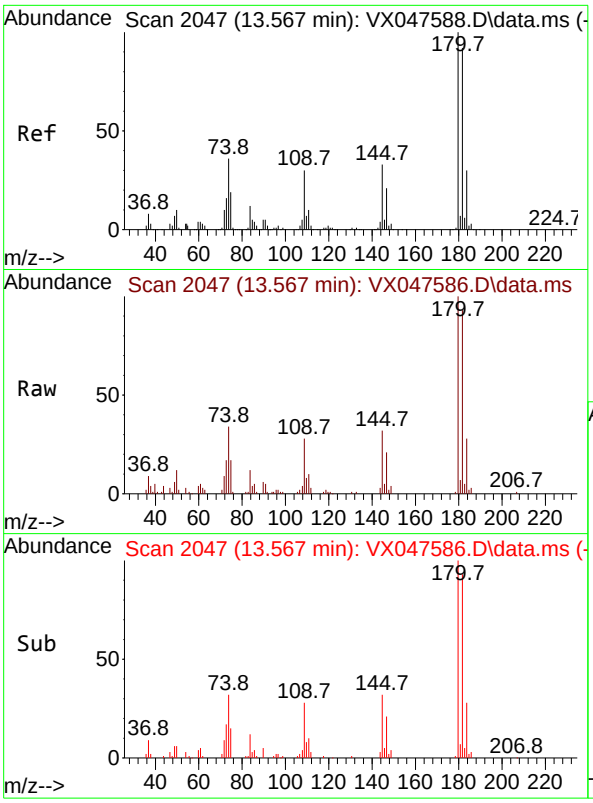


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.690 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

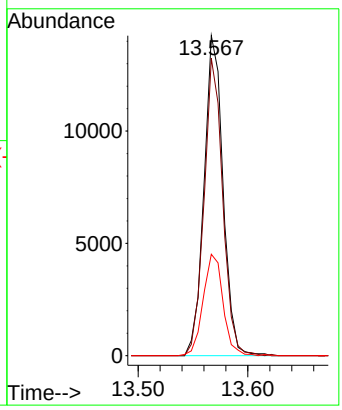




#93
1,2,4-Trichlorobenzene
Concen: 5.103 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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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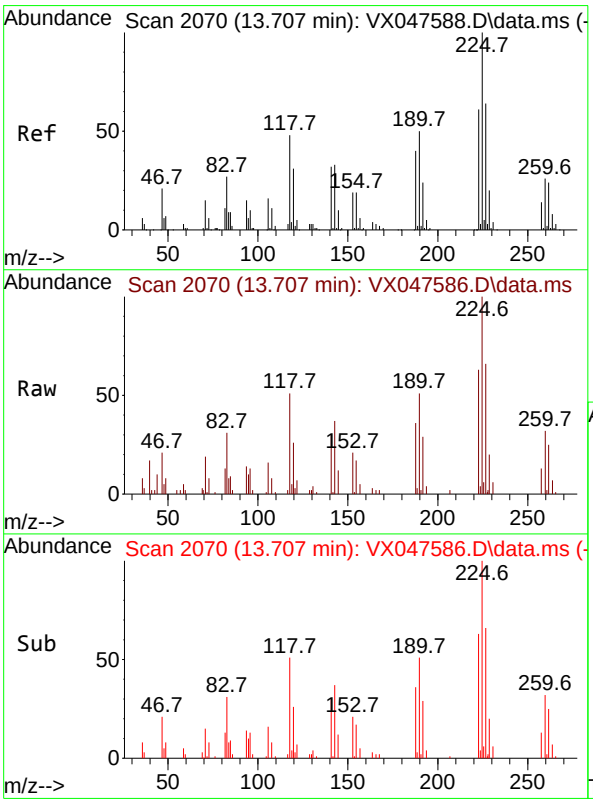
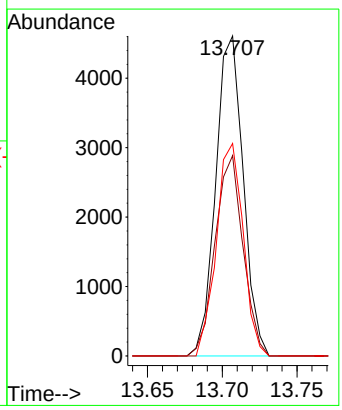
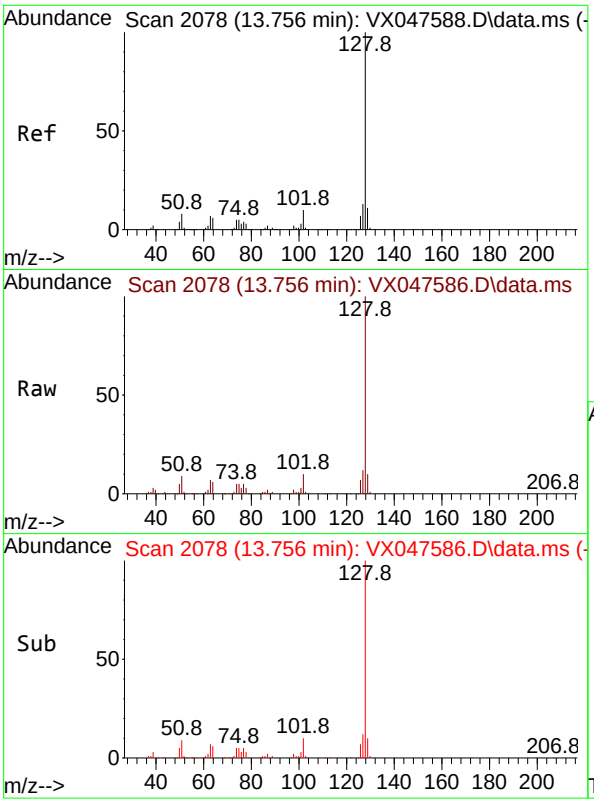


#94
Hexachlorobutadiene
Concen: 5.158 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

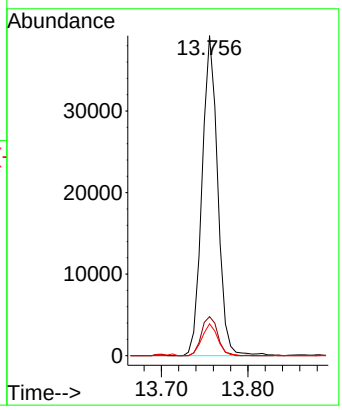




#95
Naphthalene
Concen: 4.808 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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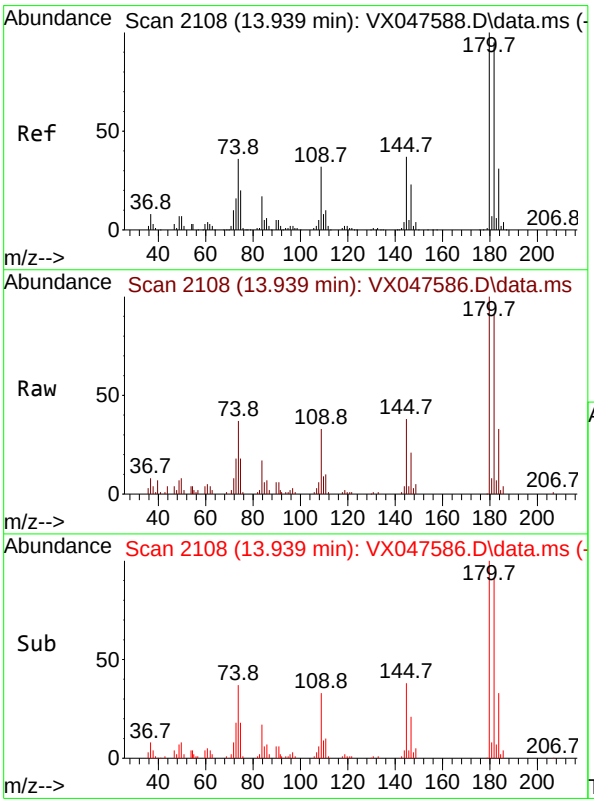
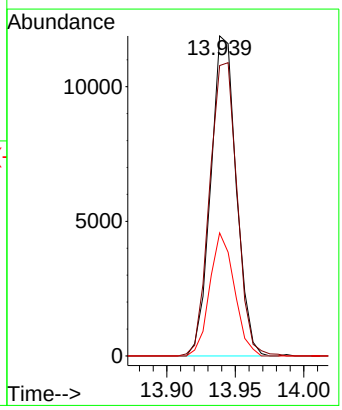


#96
1,2,3-Trichlorobenzene
Concen: 4.921 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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

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)

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

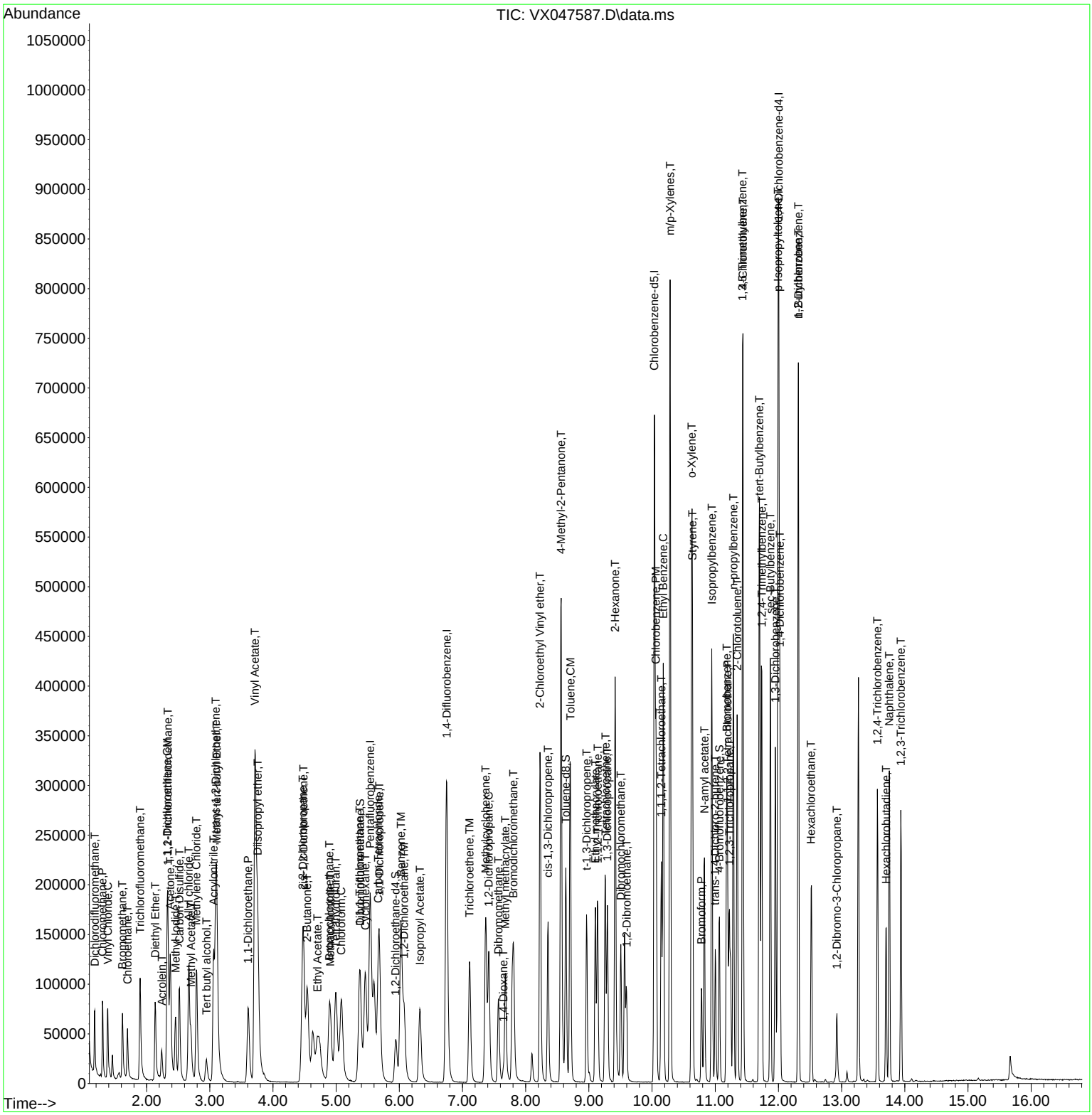
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047587.D
Acq On : 16 Sep 2025 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

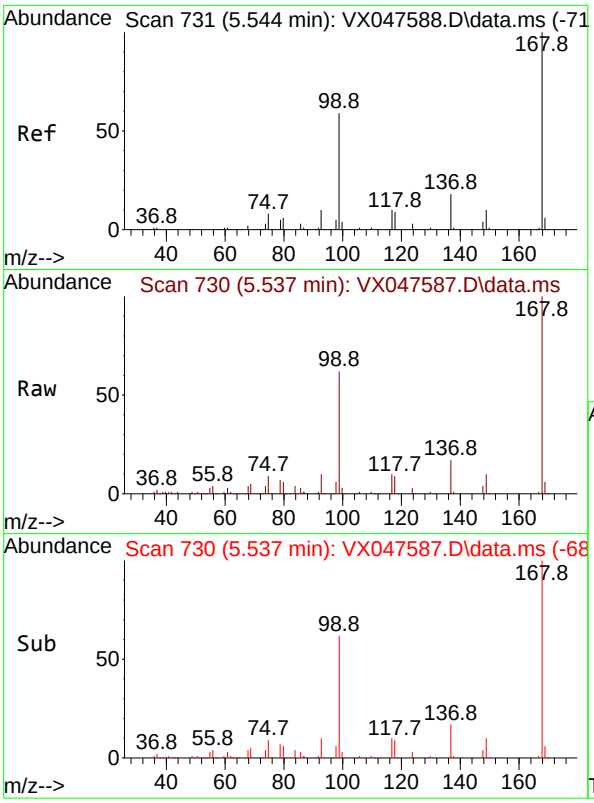
Quant Time: Sep 17 06:12:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

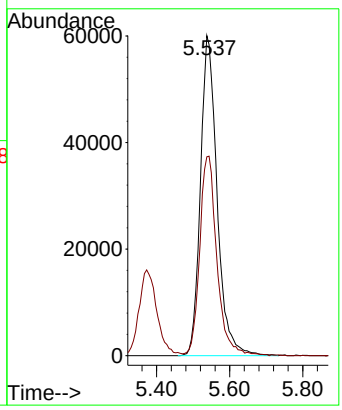




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:168 Resp: 18955

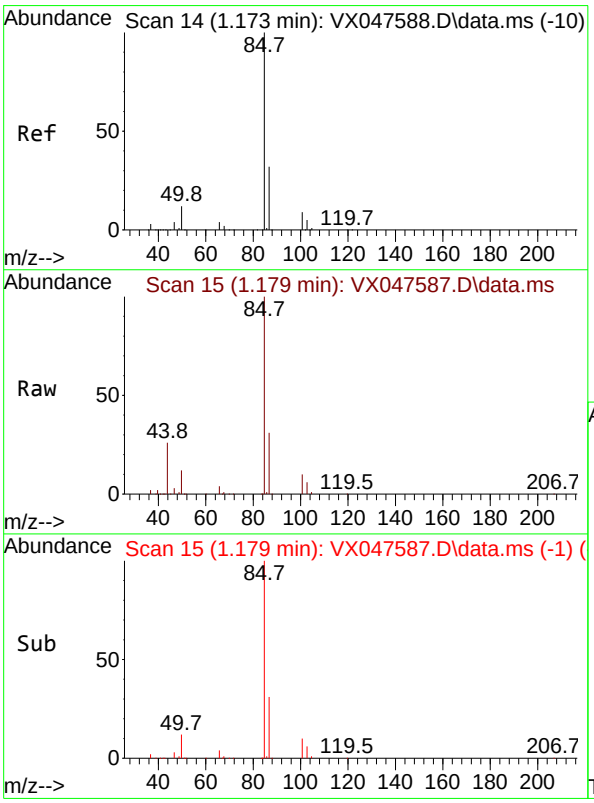
Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

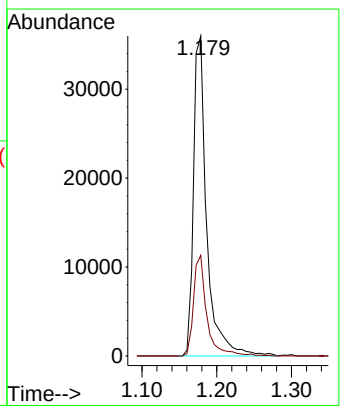
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

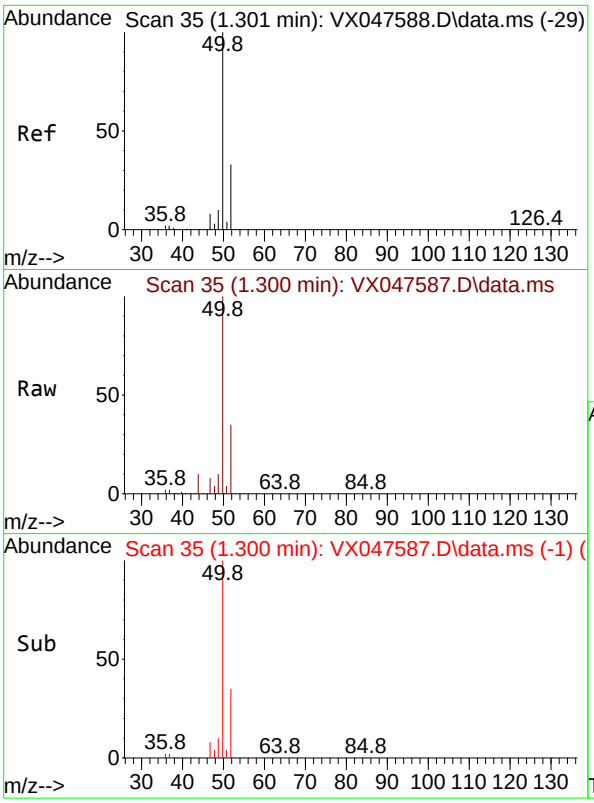


#2
Dichlorodifluoromethane
Concen: 22.480 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 85 Resp: 44126

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3

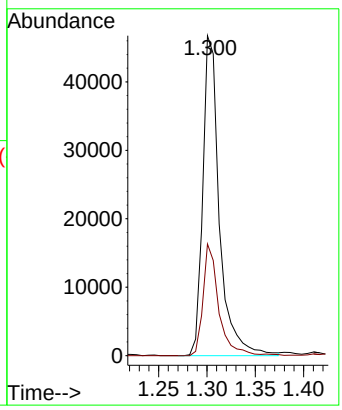




#3
Chloromethane
Concen: 21.716 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

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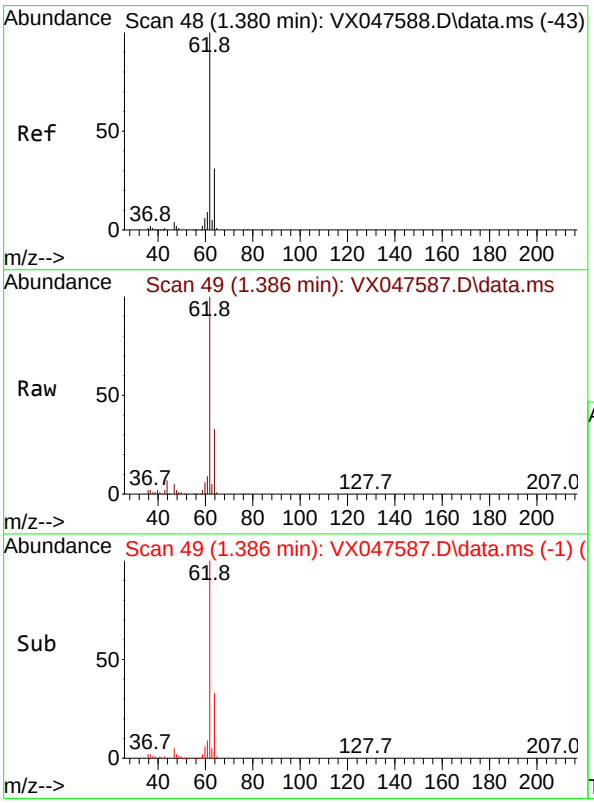
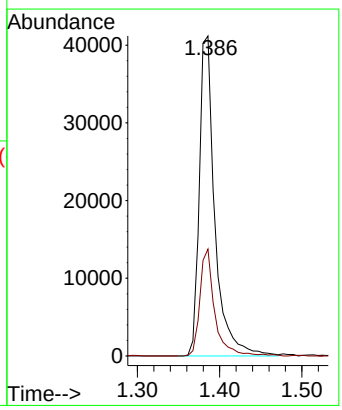
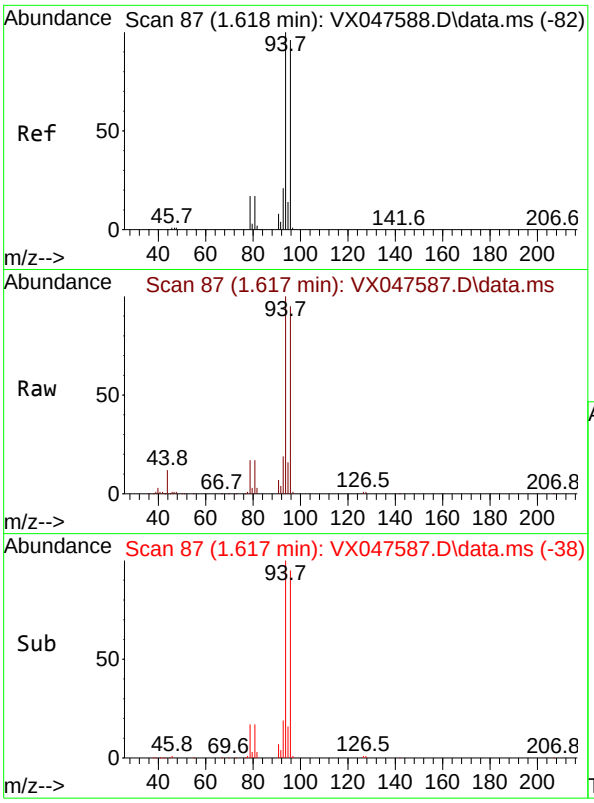


#4
Vinyl Chloride
Concen: 21.485 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 54256

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.9	37.3

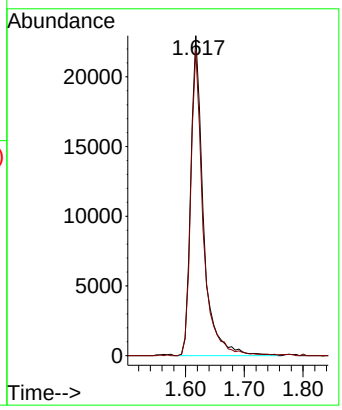




#5
Bromomethane
Concen: 21.353 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 94 Resp: 3419

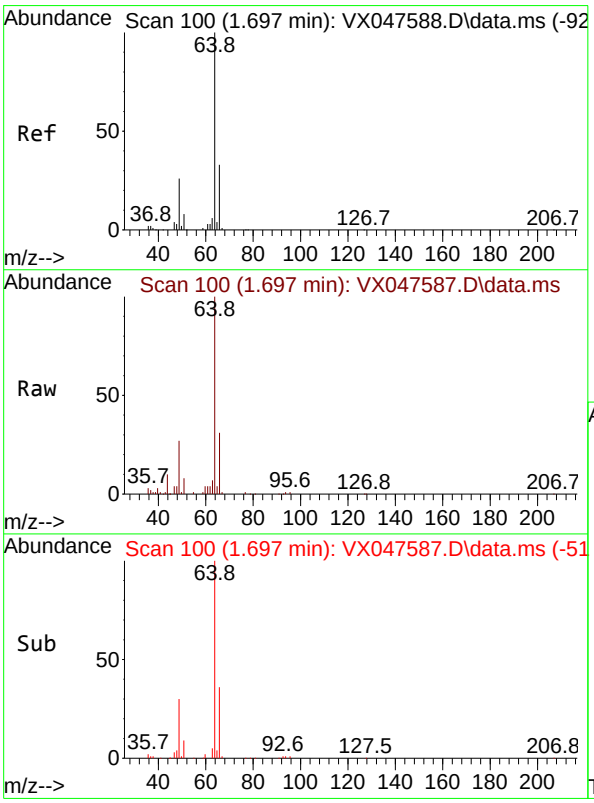
Ion	Ratio	Lower	Upper
94	100		
96	95.3	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

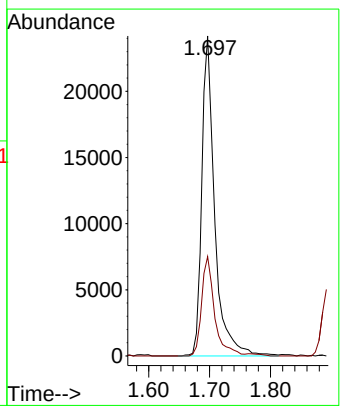
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

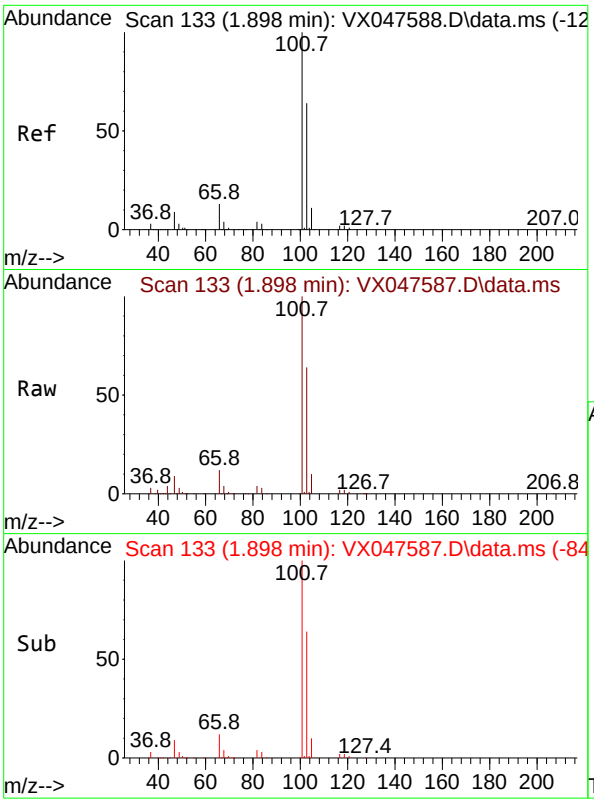


#6
Chloroethane
Concen: 21.063 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 64 Resp: 35551

Ion	Ratio	Lower	Upper
64	100		
66	31.0	26.1	39.1

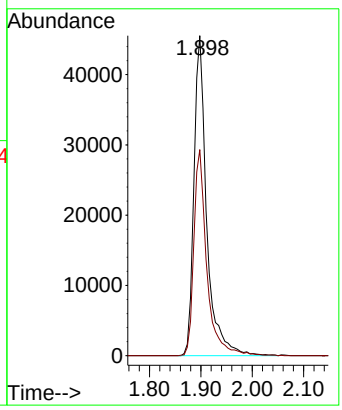




#7
Trichlorofluoromethane
Concen: 20.980 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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
APPROVED

Reviewed By :John Carlone 09/17/2025
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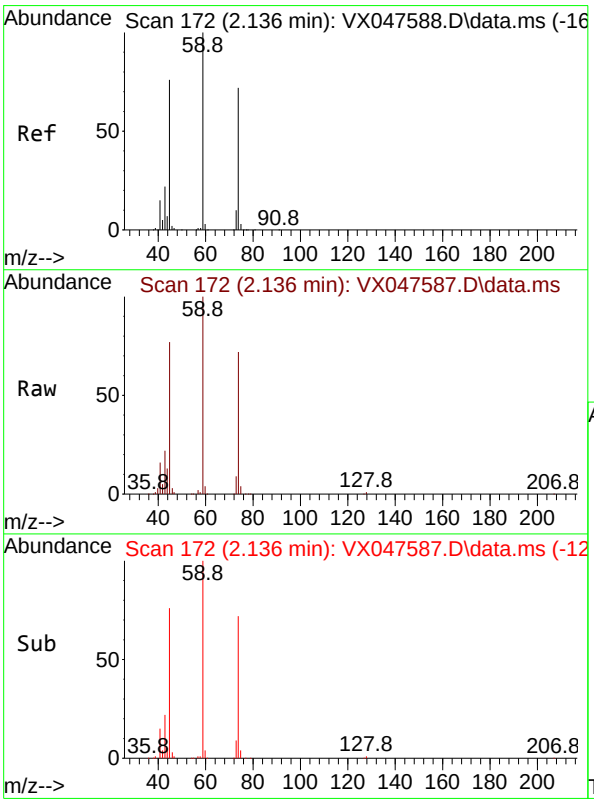
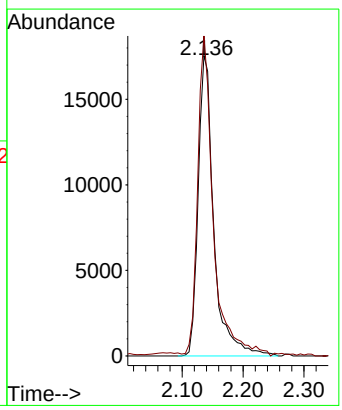
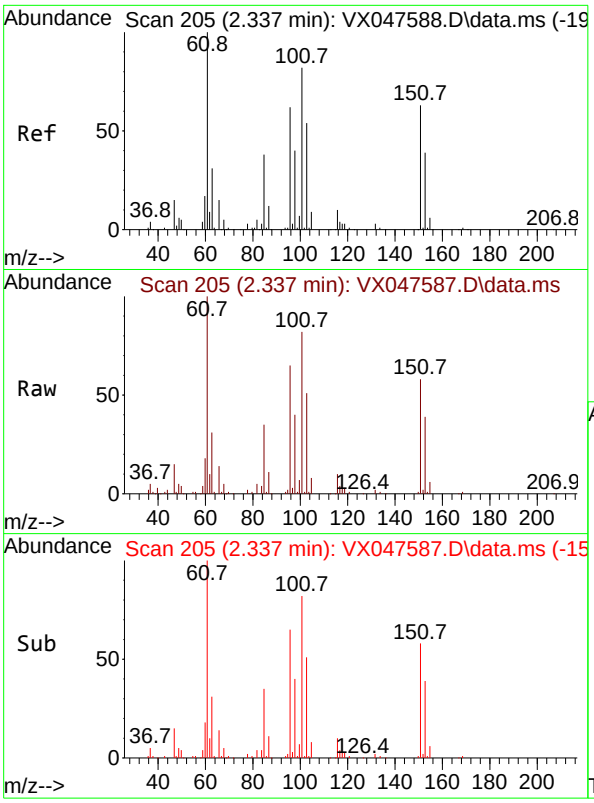


#8
Diethyl Ether
Concen: 20.429 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 74 Resp: 31335

Ion	Ratio	Lower	Upper
74	100		
45	107.0	52.3	156.8

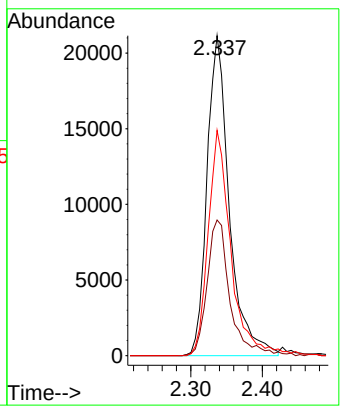




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.859 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

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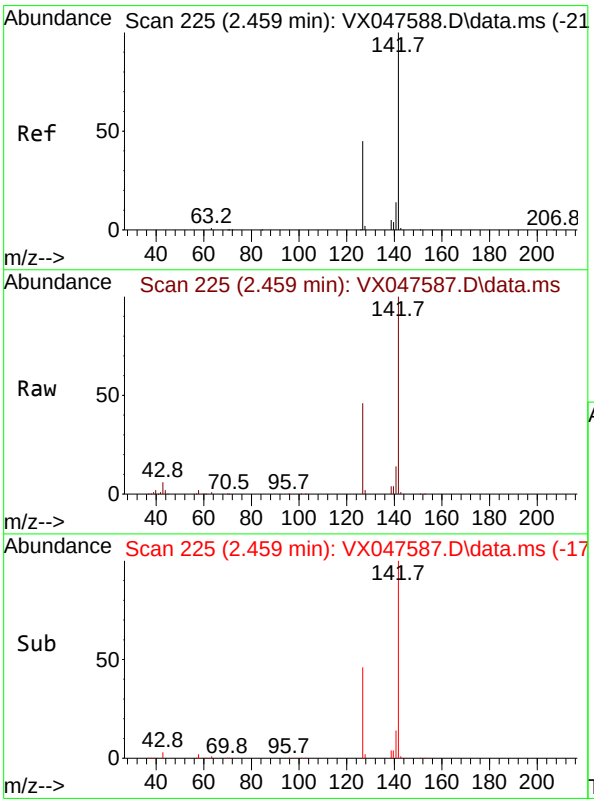
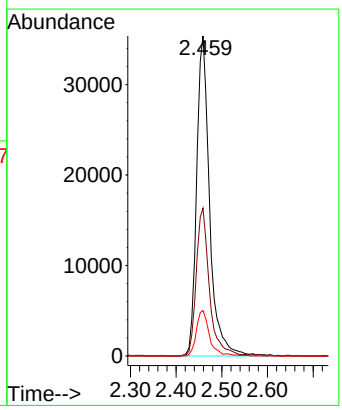
Supervised By :Mahesh Dadoda 09/18/2025

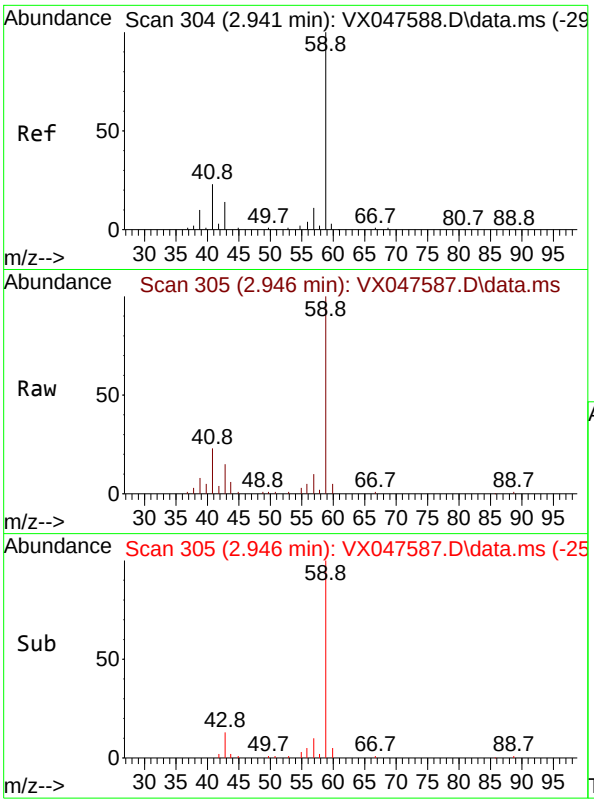


#10
Methyl Iodide
Concen: 20.452 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

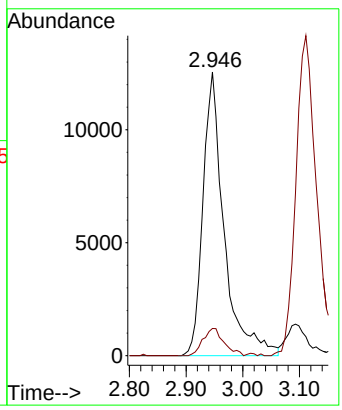




#11
Tert butyl alcohol
Concen: 96.582 ug/l
RT: 2.946 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 59 Resp: 3245

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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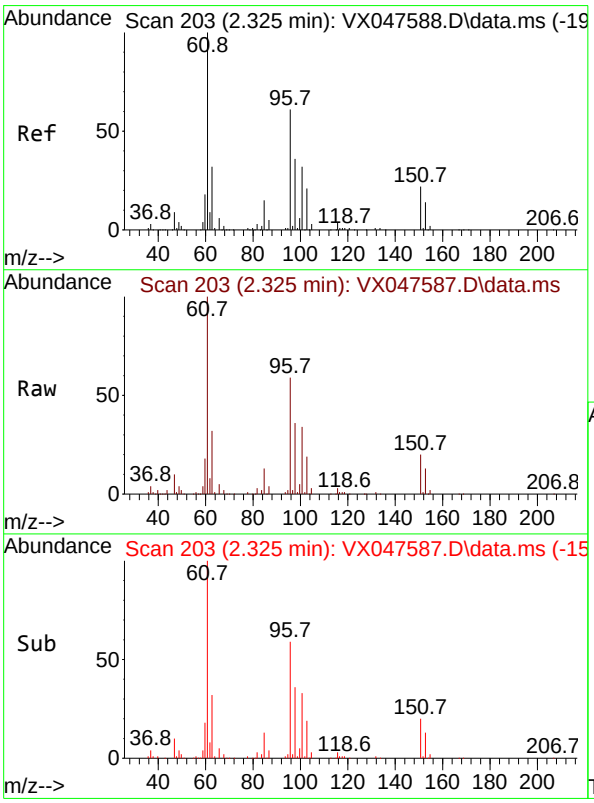
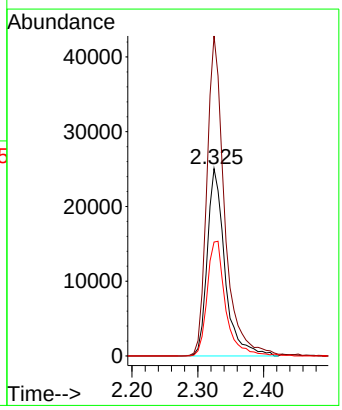
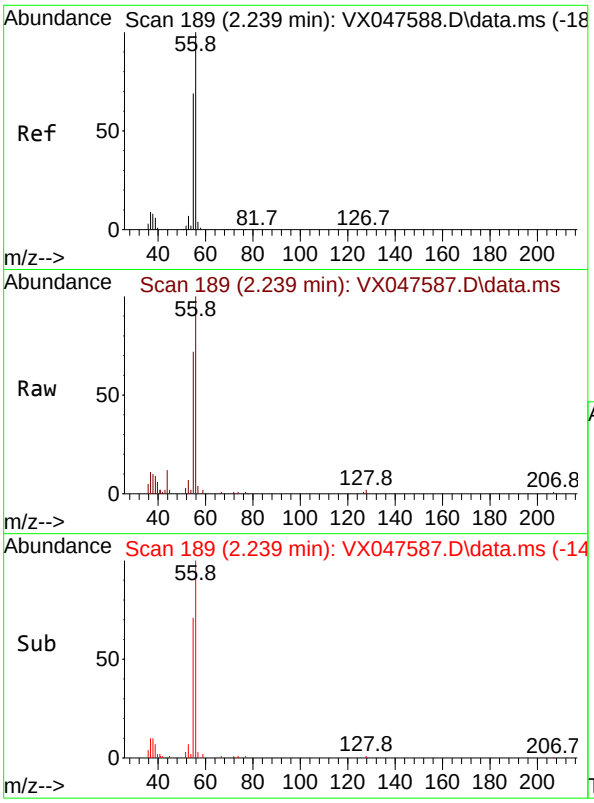


#12
1,1-Dichloroethene
Concen: 20.808 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

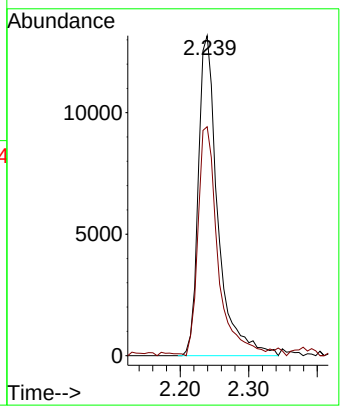




#13
Acrolein
Concen: 84.473 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 56 Resp: 2615

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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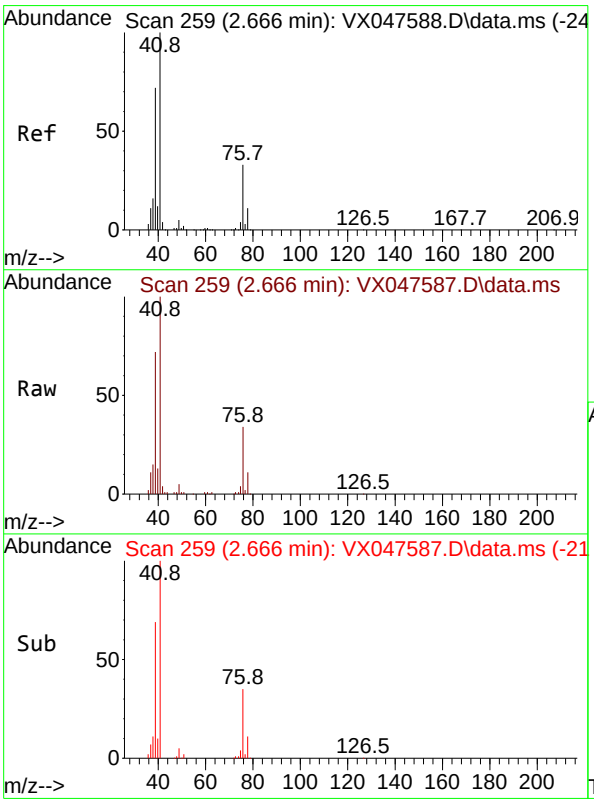
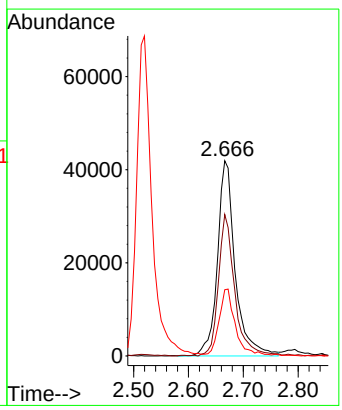
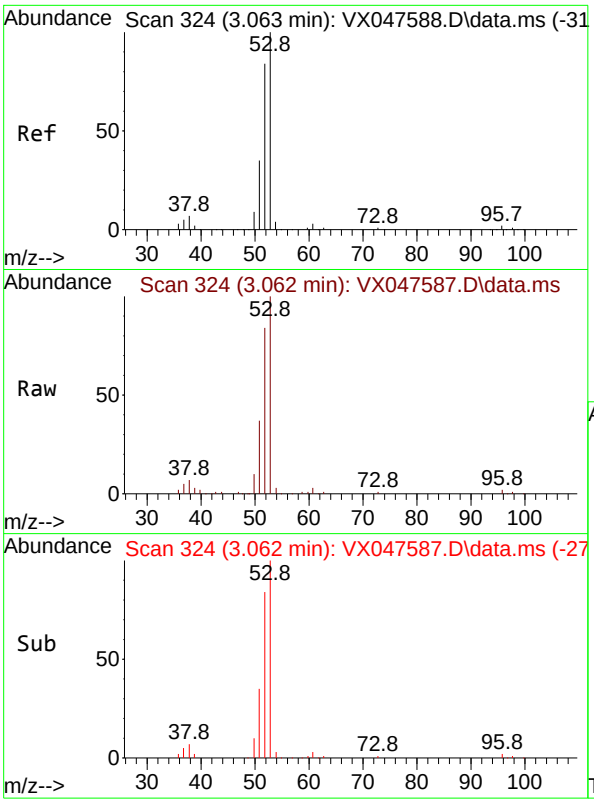


#14
Allyl chloride
Concen: 20.379 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

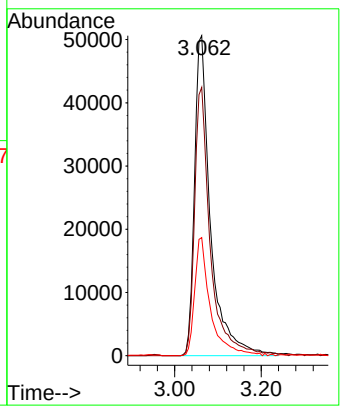




#15
Acrylonitrile
Concen: 104.554 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

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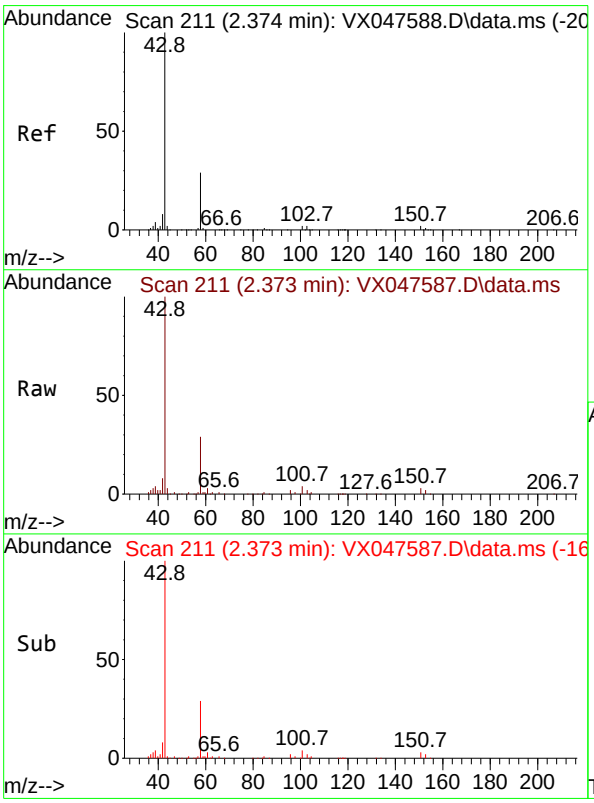
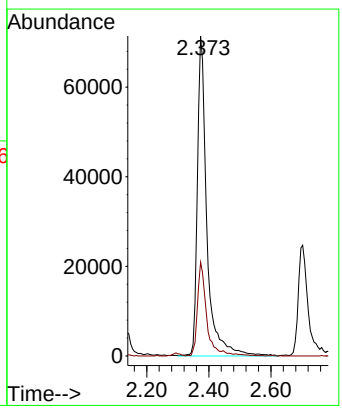
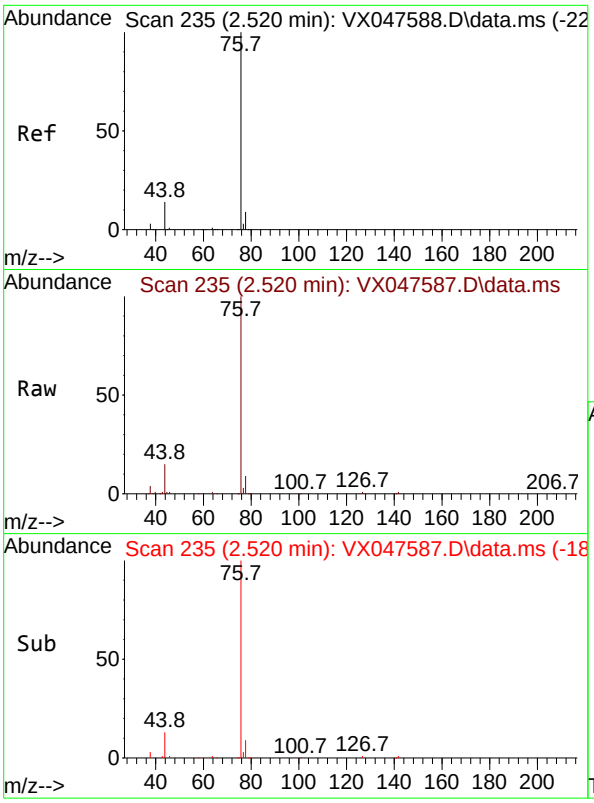


#16
Acetone
Concen: 115.507 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 151538

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.0

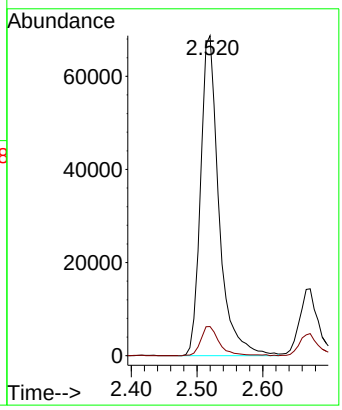




#17
Carbon Disulfide
Concen: 21.620 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 76 Resp: 13329

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2



Instrument :
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ClientSampleId :
VSTDICC020

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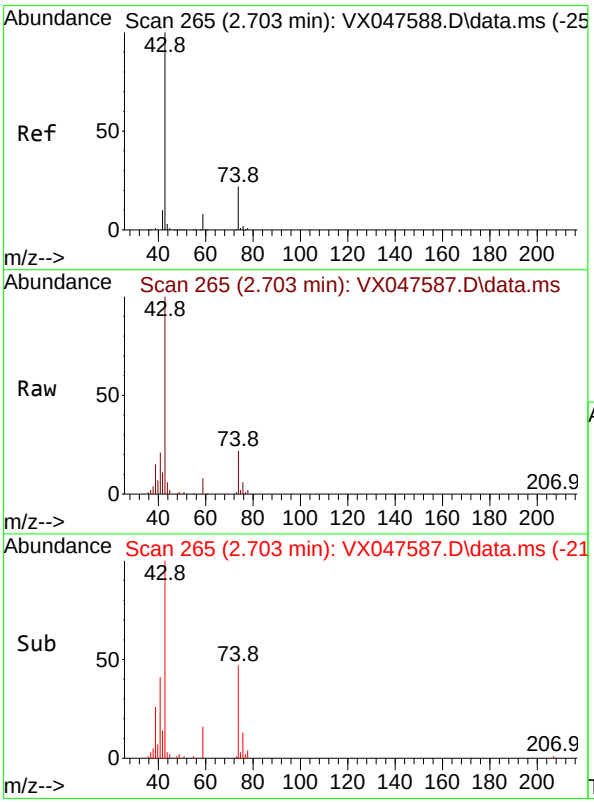
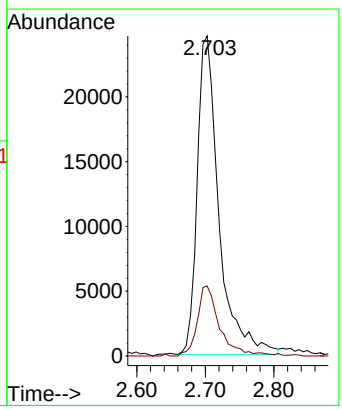
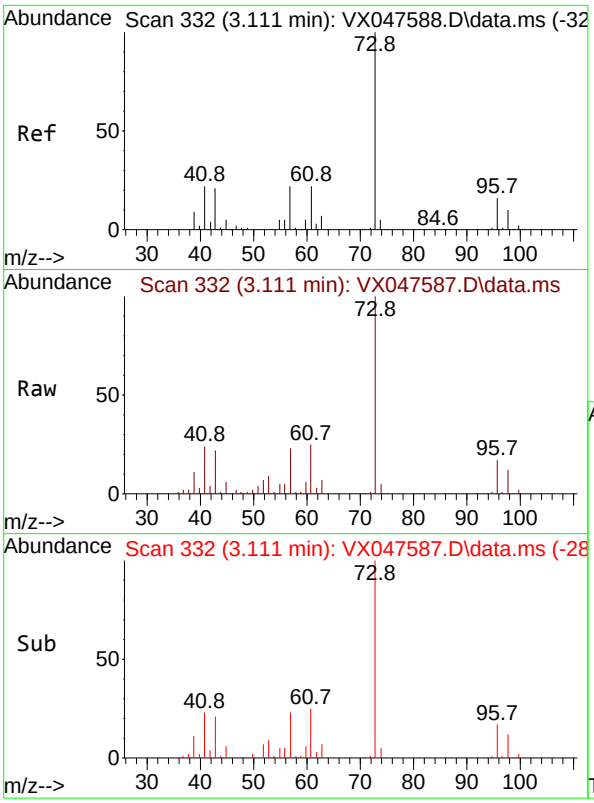


#18
Methyl Acetate
Concen: 18.536 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 54120

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2

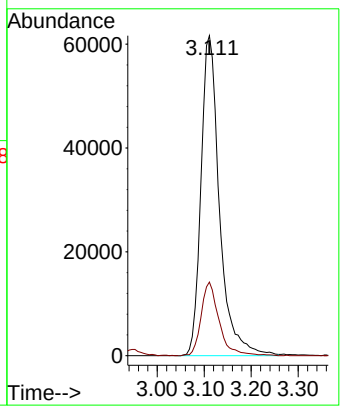




#19
Methyl tert-butyl Ether
Concen: 20.486 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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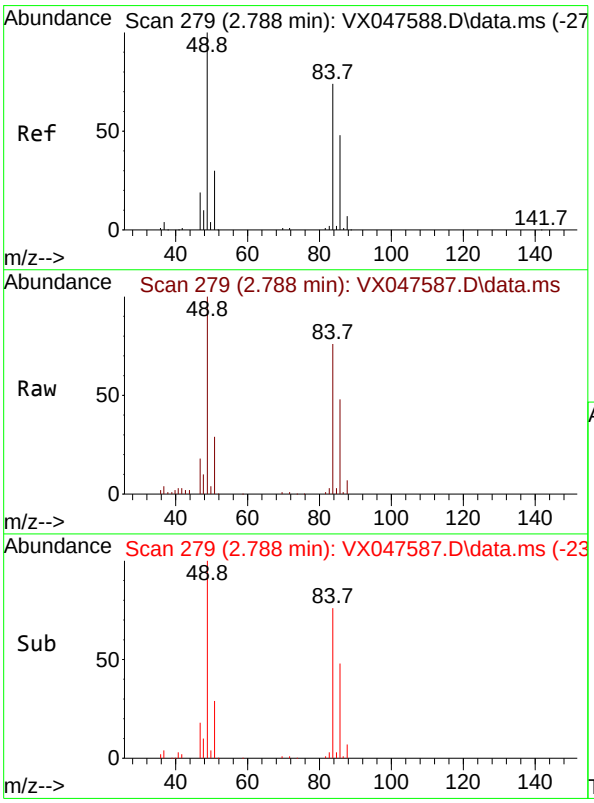
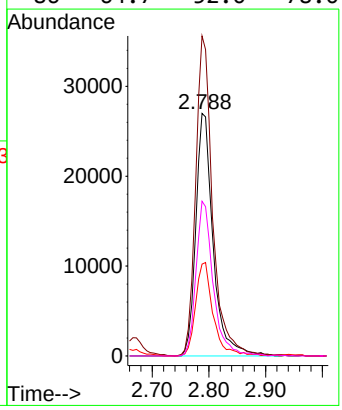
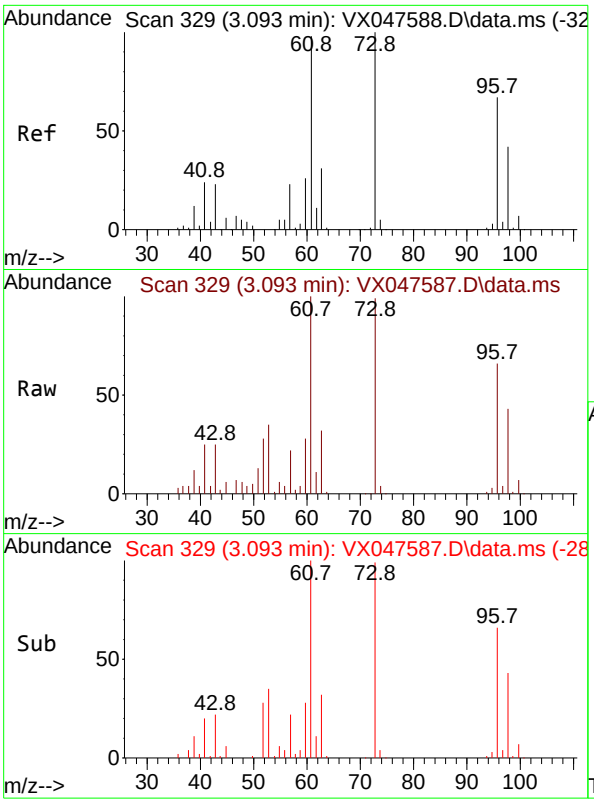


#20
Methylene Chloride
Concen: 20.581 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

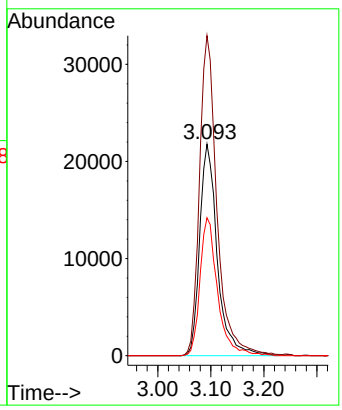




#21
trans-1,2-Dichloroethene
Concen: 20.791 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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 :
MSVOA_X
ClientSampleId :
VSTDICC020

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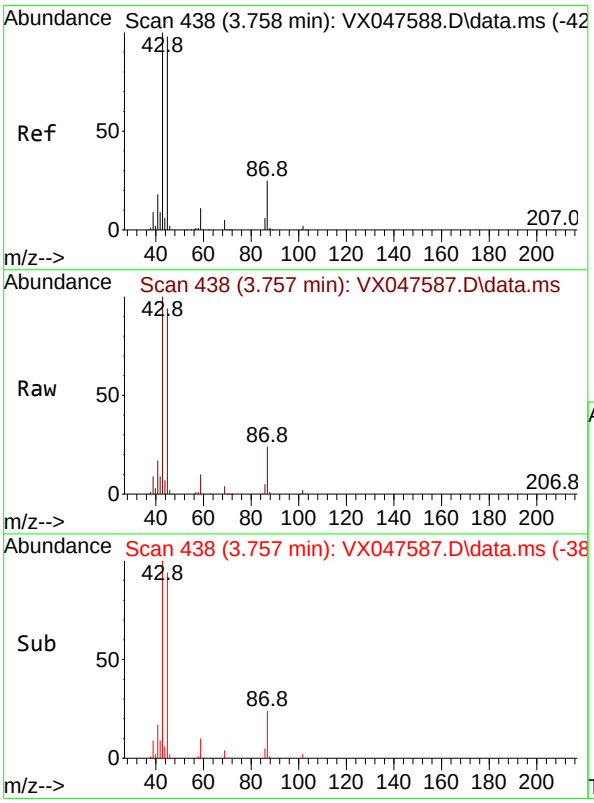
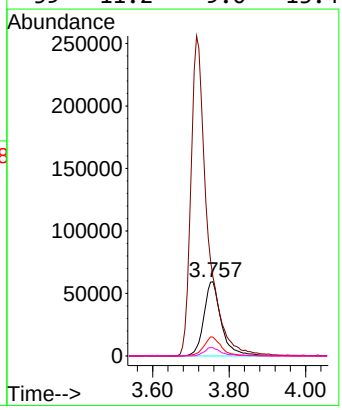
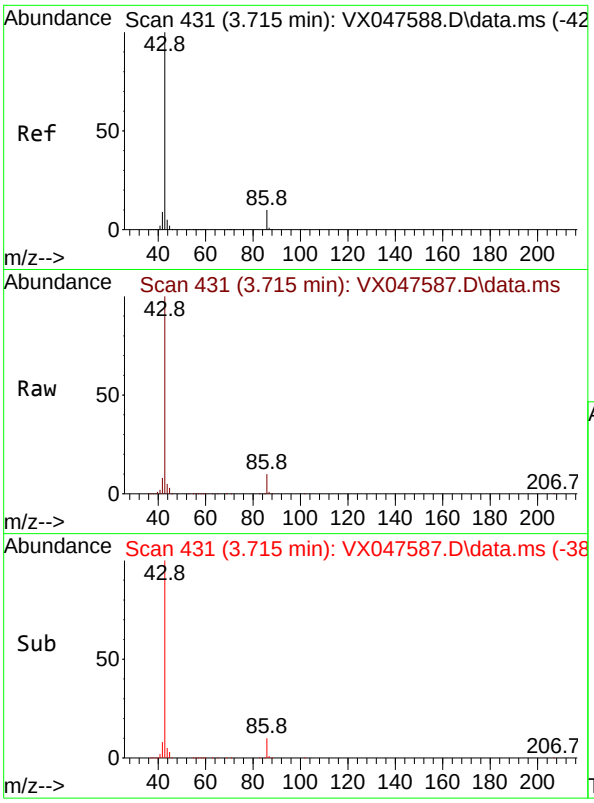


#22
Diisopropyl ether
Concen: 20.940 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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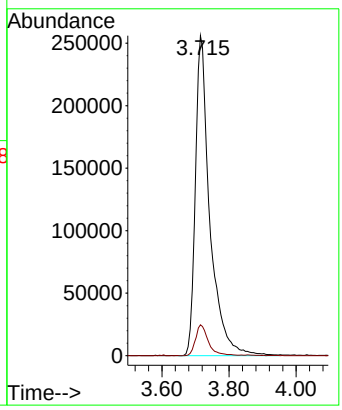
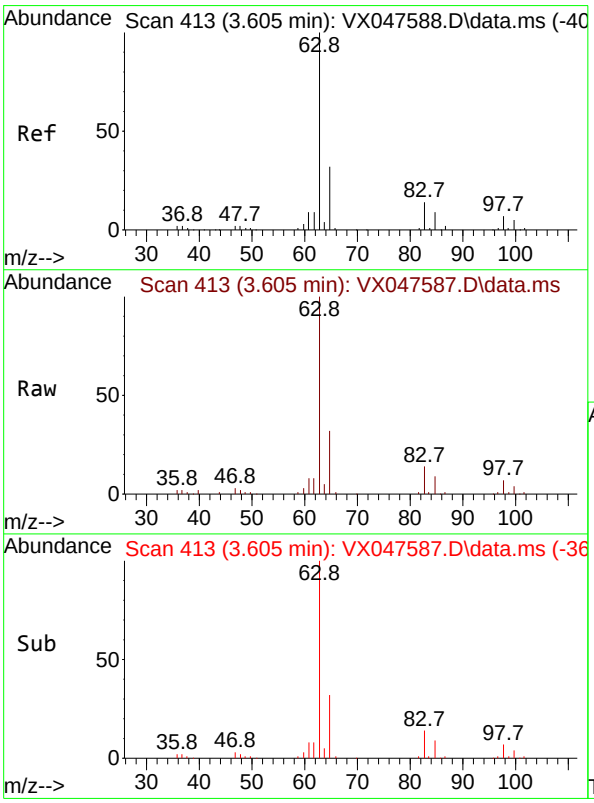
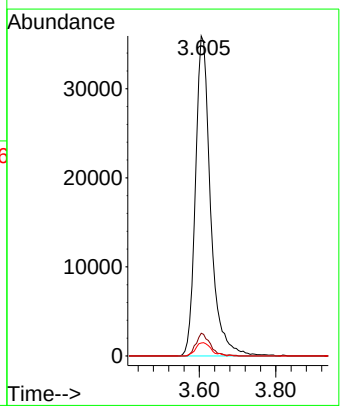


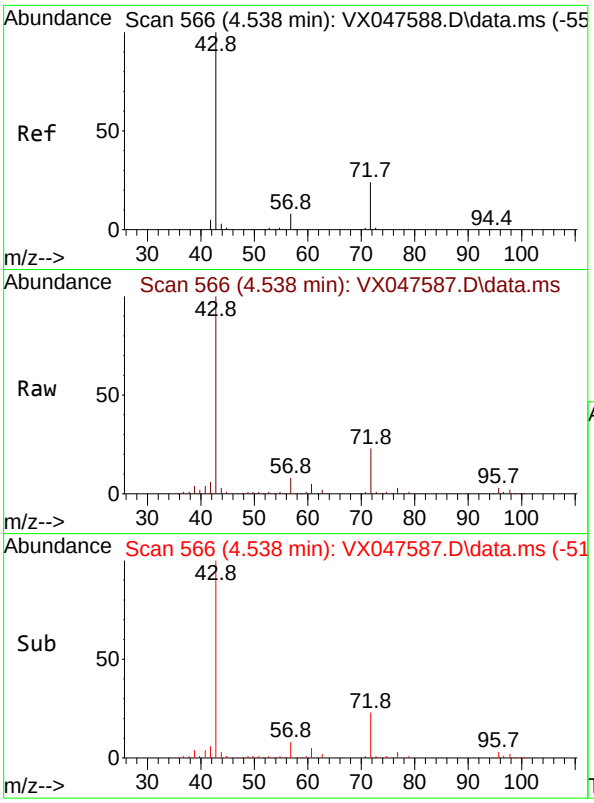


#24
1,1-Dichloroethane
Concen: 20.578 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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 :
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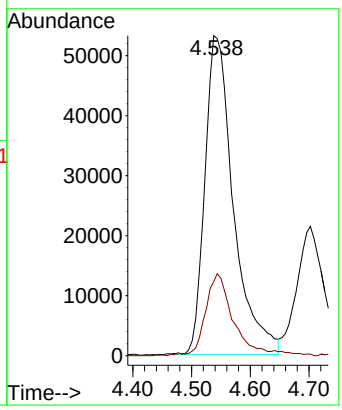
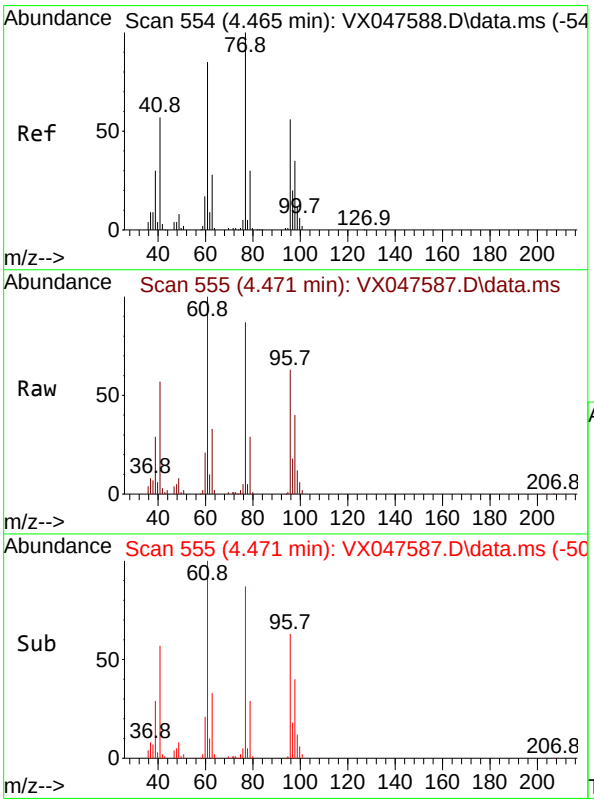
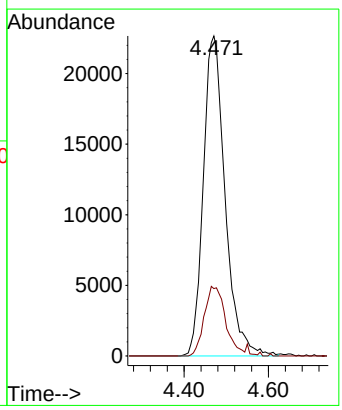


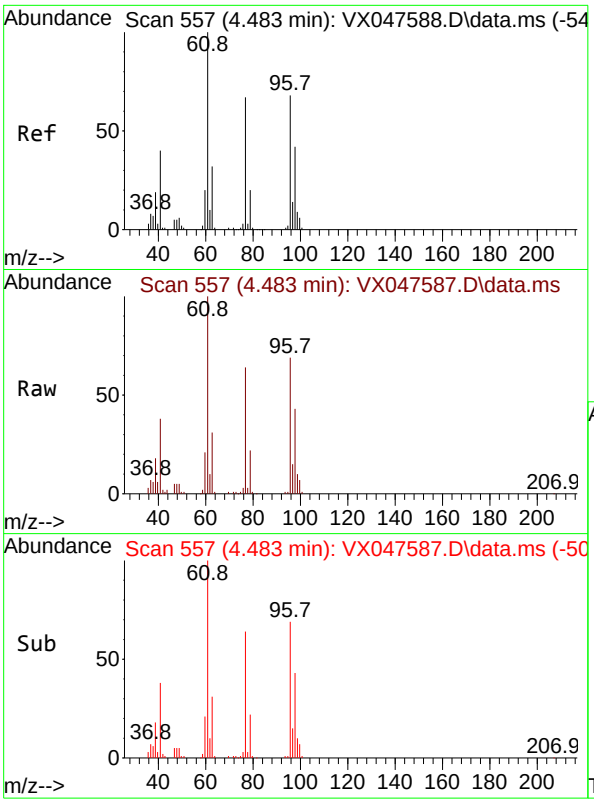


#26
2,2-Dichloropropane
Concen: 20.459 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 77 Resp: 81413

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.9	32.7

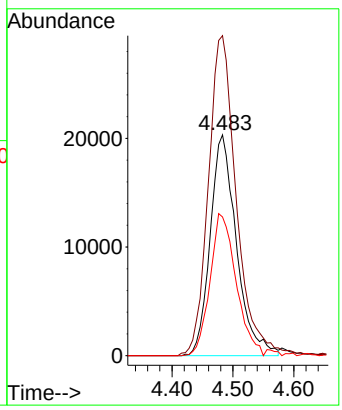




#27
cis-1,2-Dichloroethene
Concen: 20.497 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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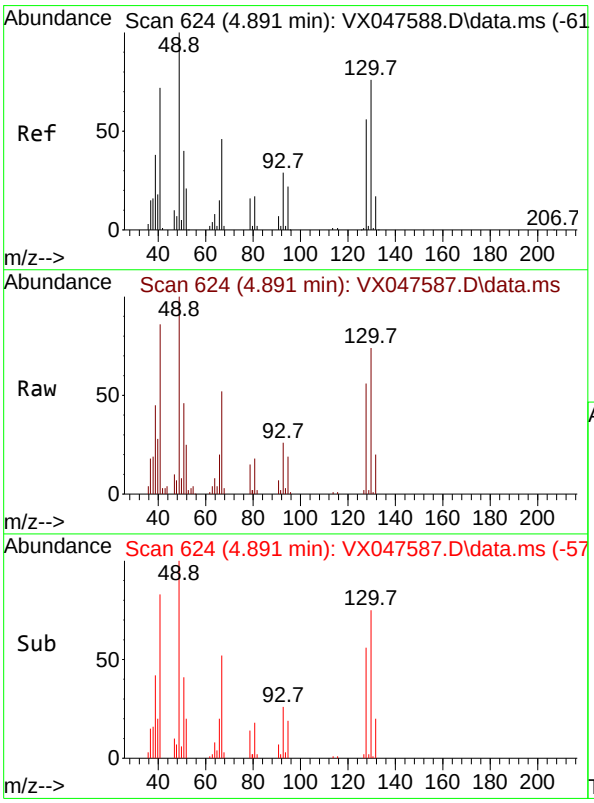
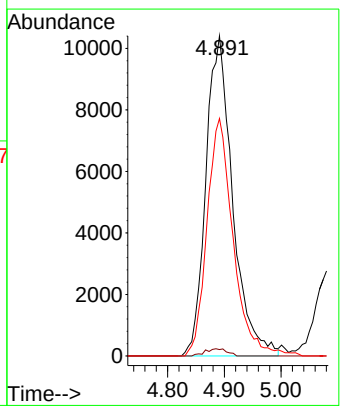
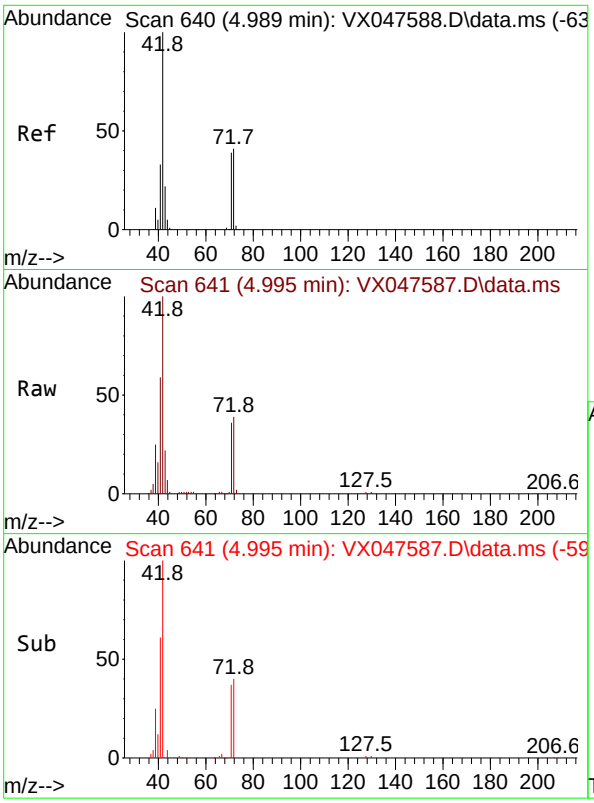


#28
Bromochloromethane
Concen: 16.309 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

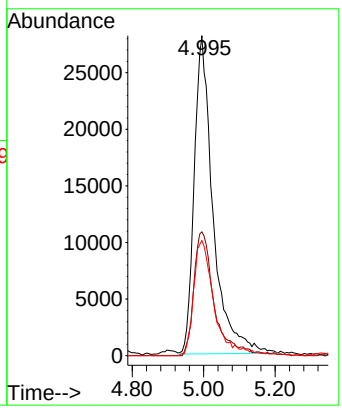




#29
Tetrahydrofuran
Concen: 104.560 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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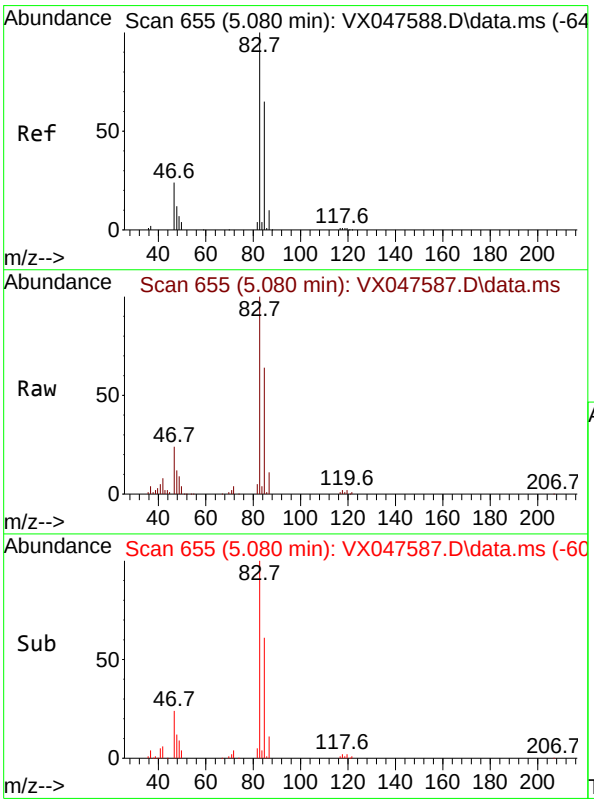
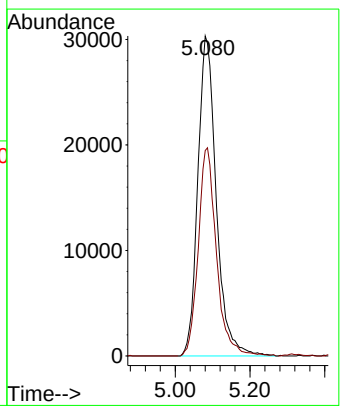
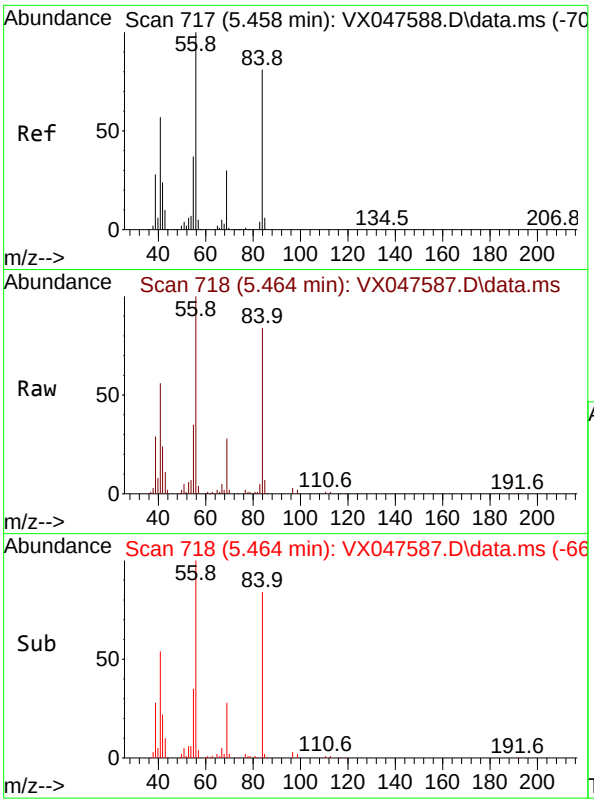


#30
Chloroform
Concen: 21.413 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

Manual Integrations
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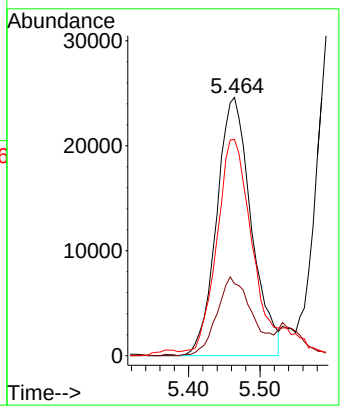
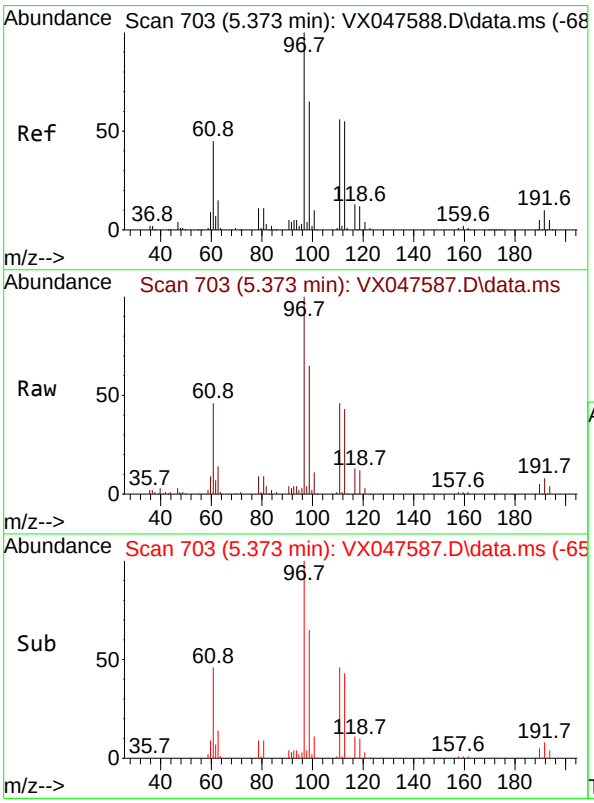
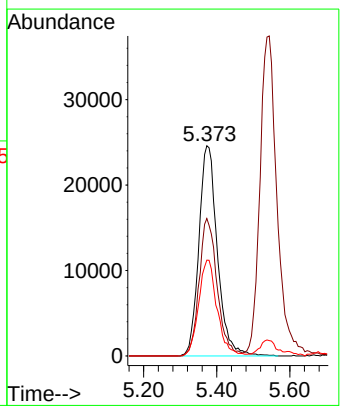


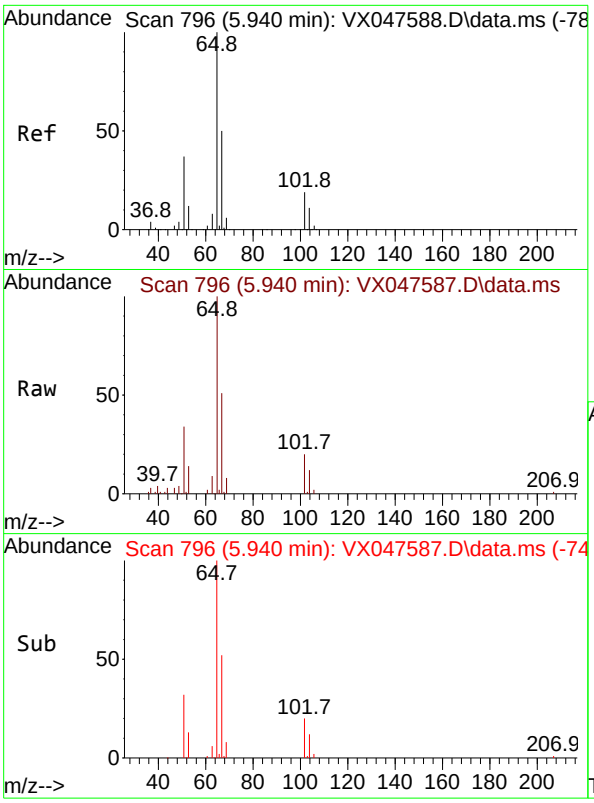


#32
1,1,1-Trichloroethane
Concen: 21.081 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

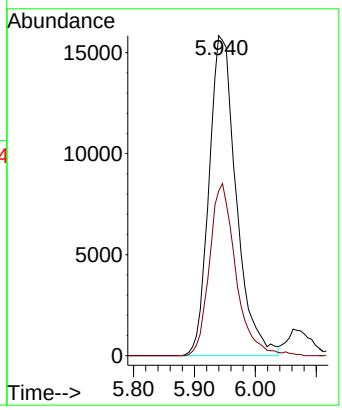




#33
1,2-Dichloroethane-d4
Concen: 16.264 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 65 Resp: 4907

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0



Instrument :
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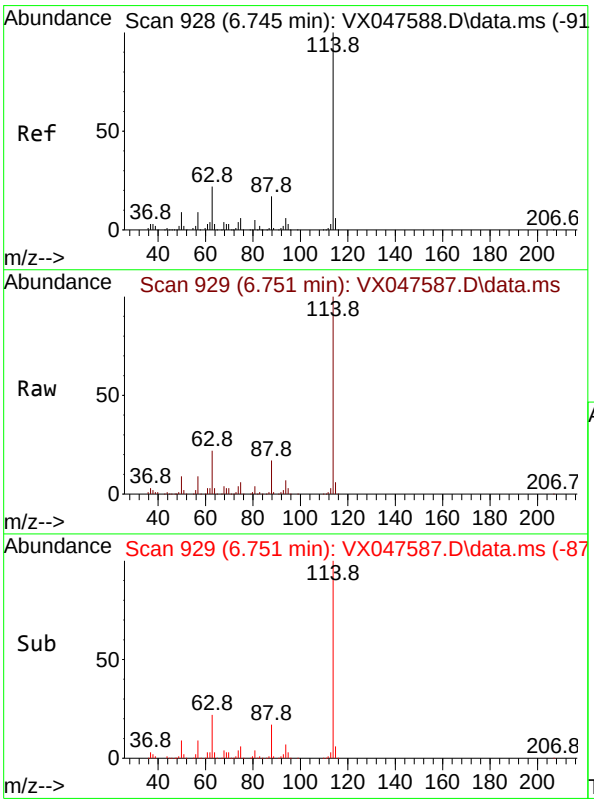
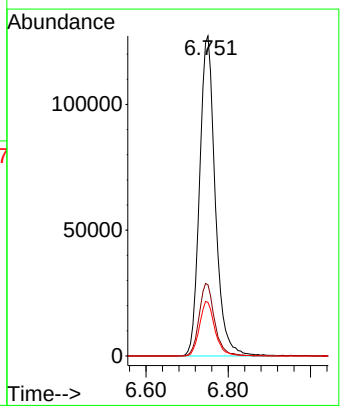
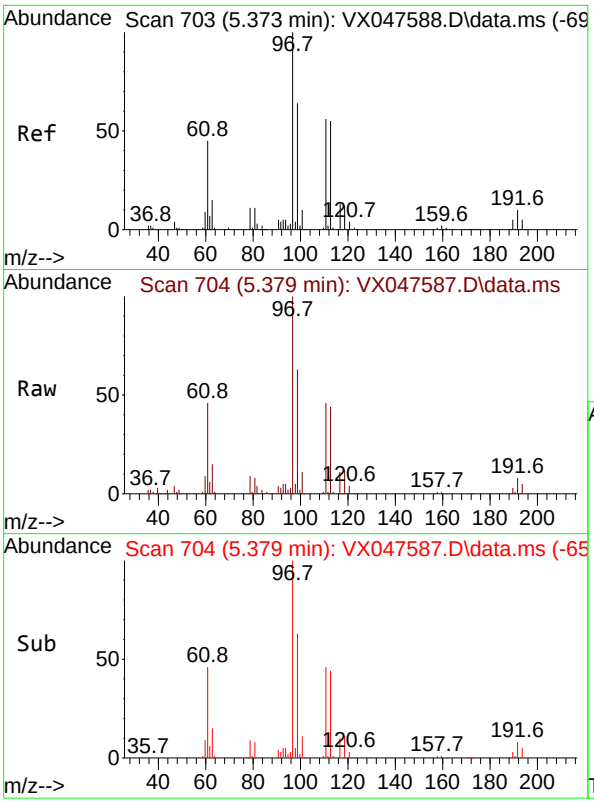


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

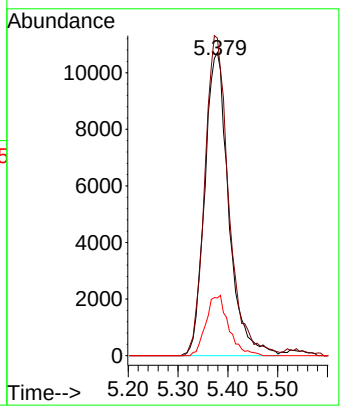




#35
Dibromofluoromethane
Concen: 15.868 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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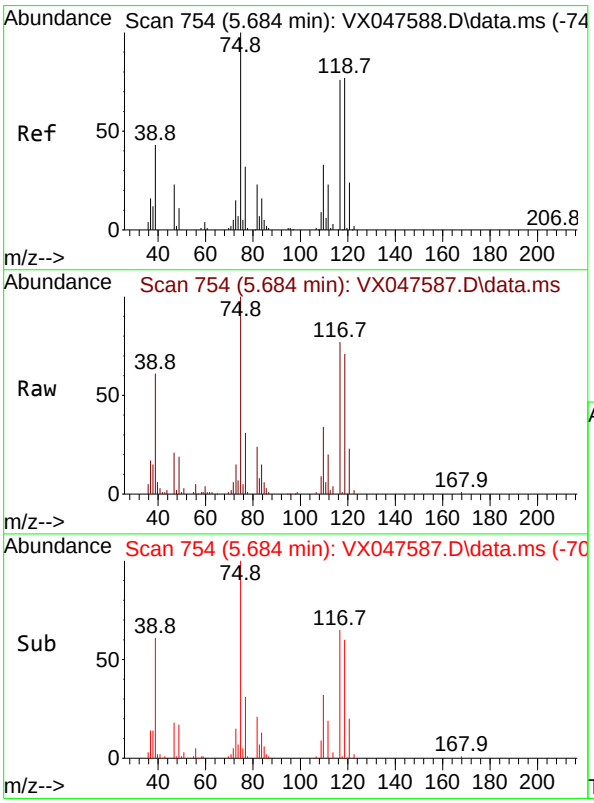
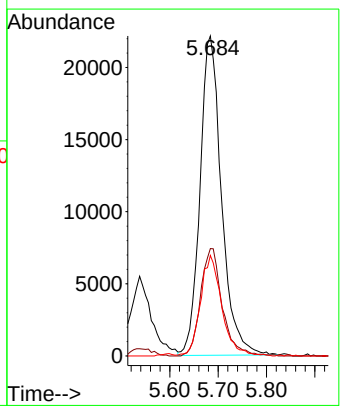
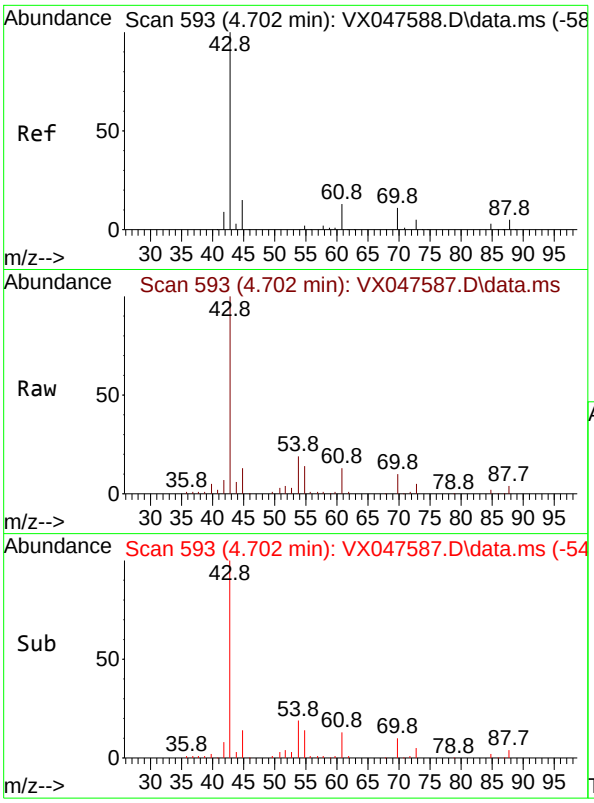


#36
1,1-Dichloropropene
Concen: 20.754 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

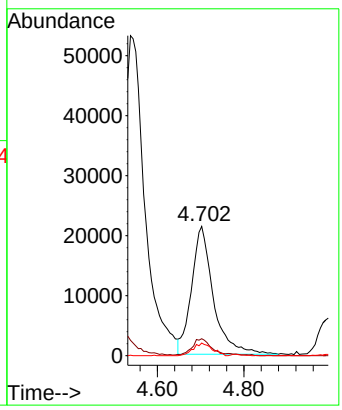




#37
Ethyl Acetate
Concen: 21.113 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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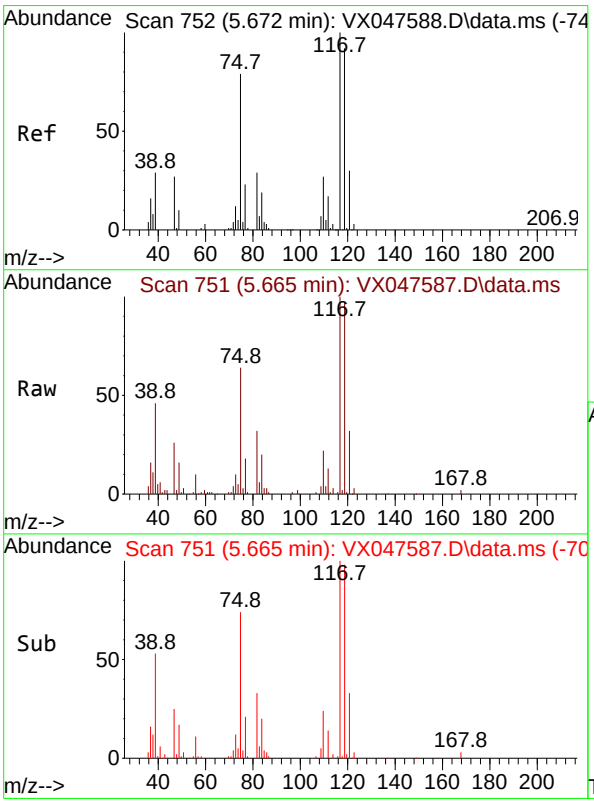
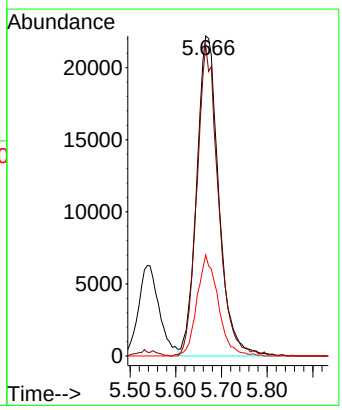
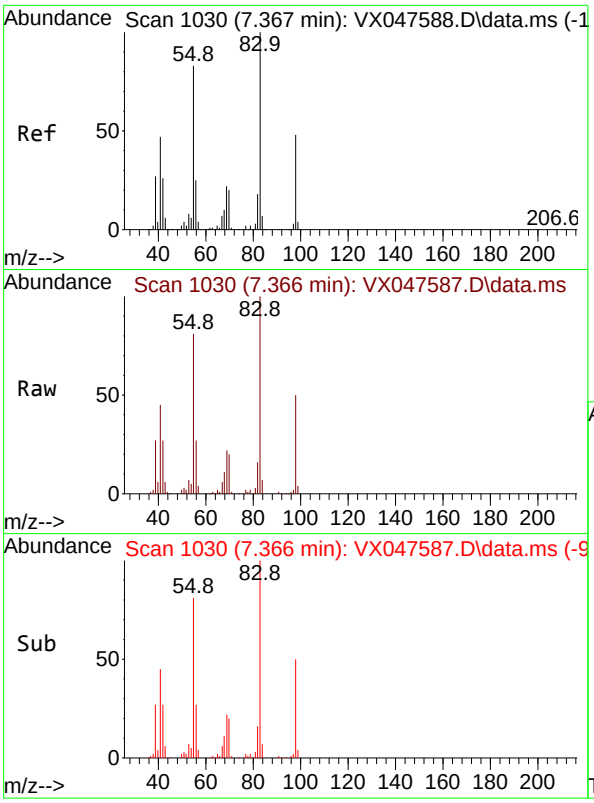


#38
Carbon Tetrachloride
Concen: 20.844 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

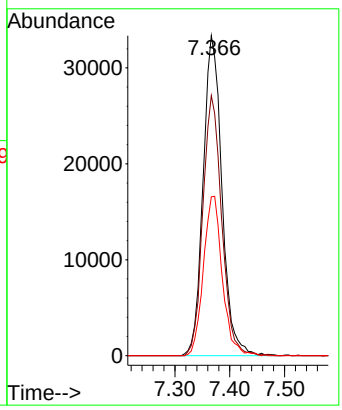




#39
Methylcyclohexane
Concen: 21.251 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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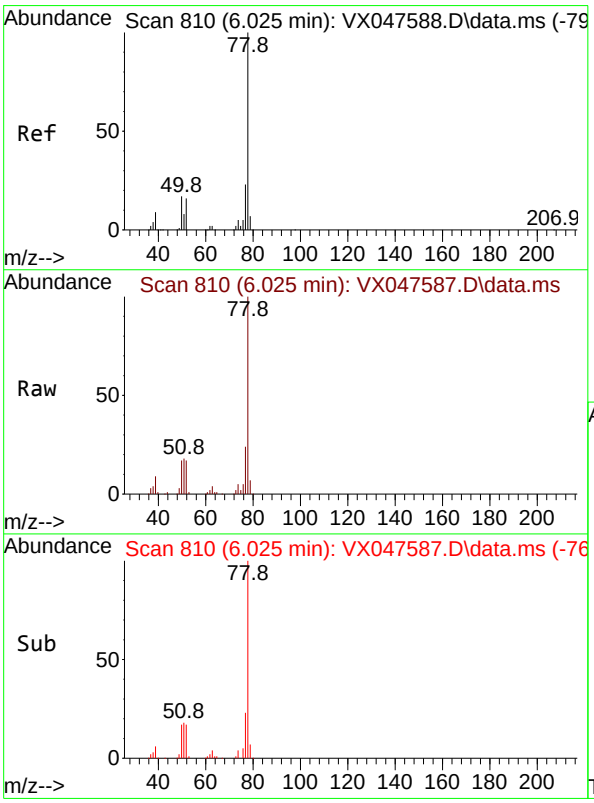
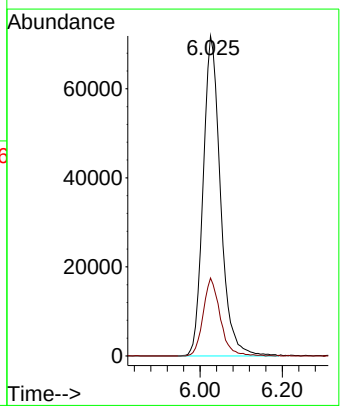
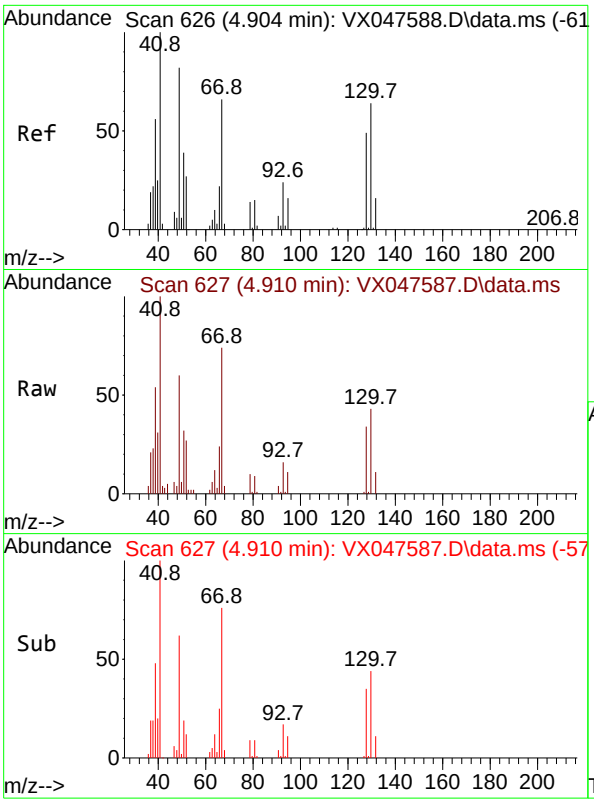


#40
Benzene
Concen: 21.051 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 78 Resp: 210711

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2

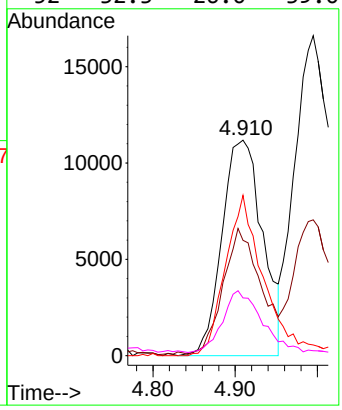




#41
Methacrylonitrile
Concen: 21.148 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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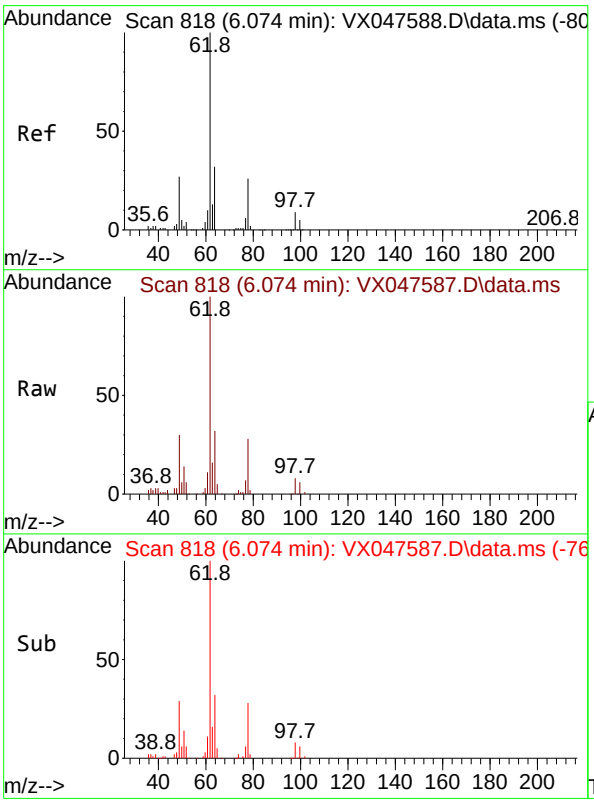
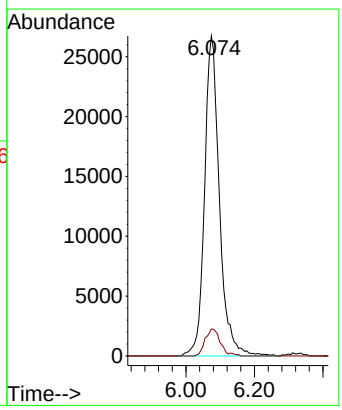
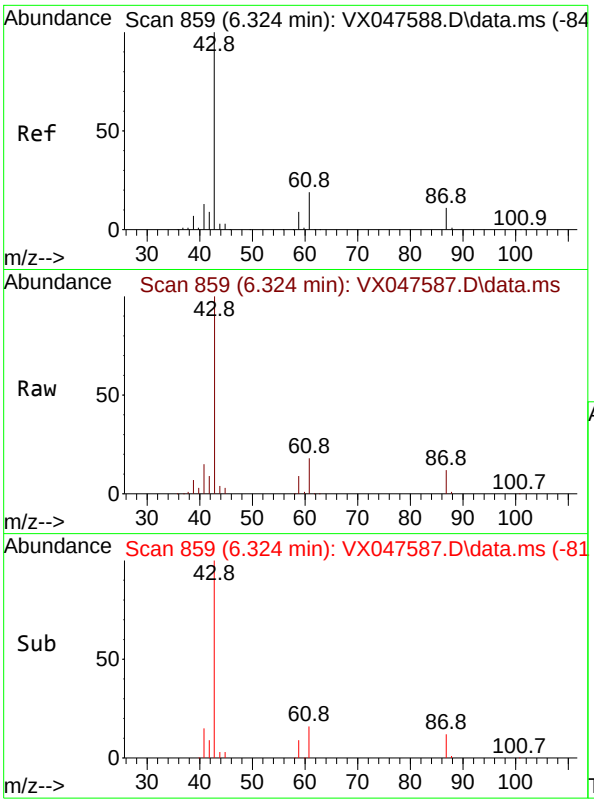


#42
1,2-Dichloroethane
Concen: 21.175 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 80646

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

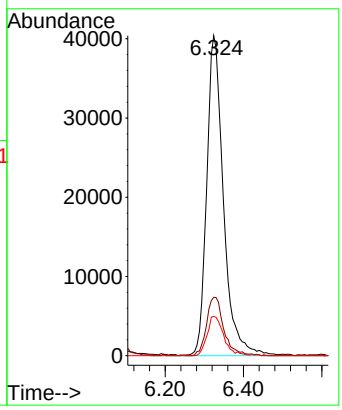




#43
Isopropyl Acetate
Concen: 20.670 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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 :
VSTDICC020

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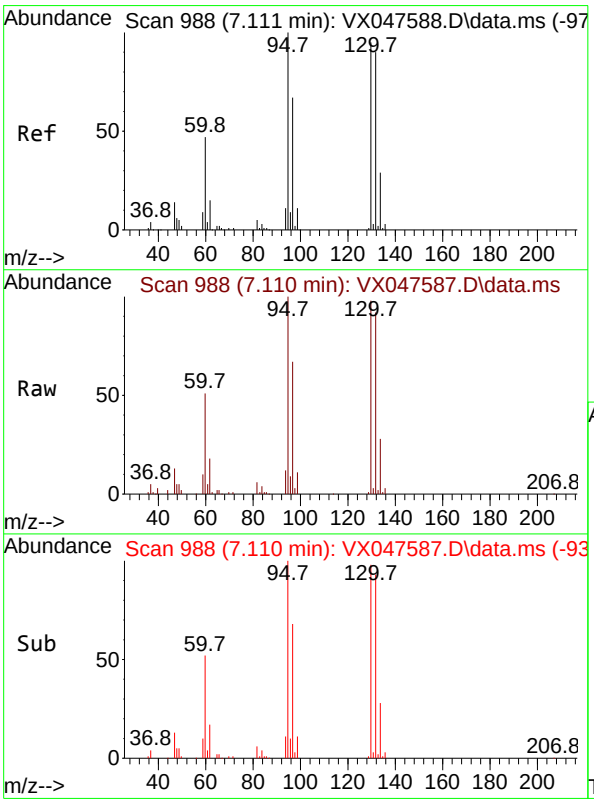
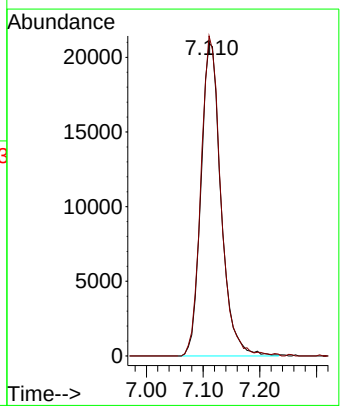
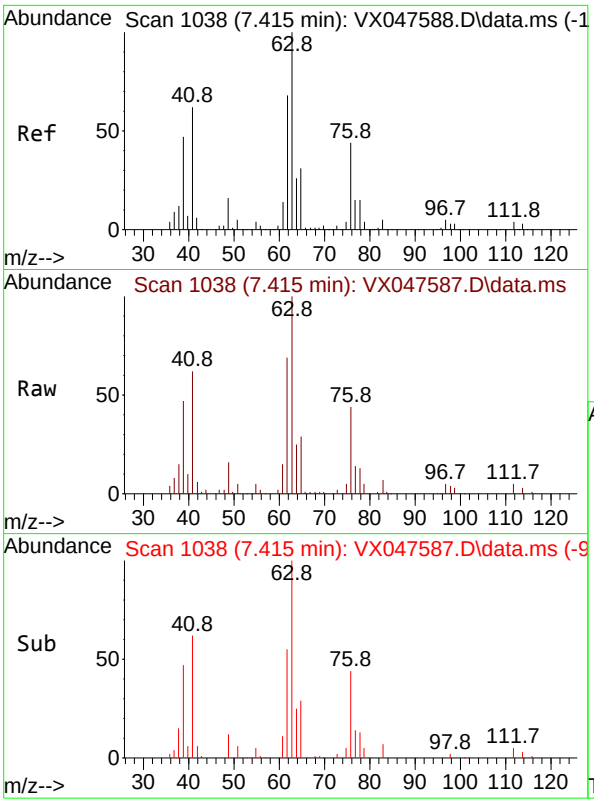


#44
Trichloroethene
Concen: 21.228 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:130 Resp: 51369

Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.8

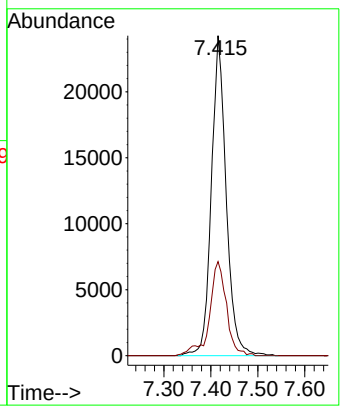




#45
1,2-Dichloropropane
Concen: 20.697 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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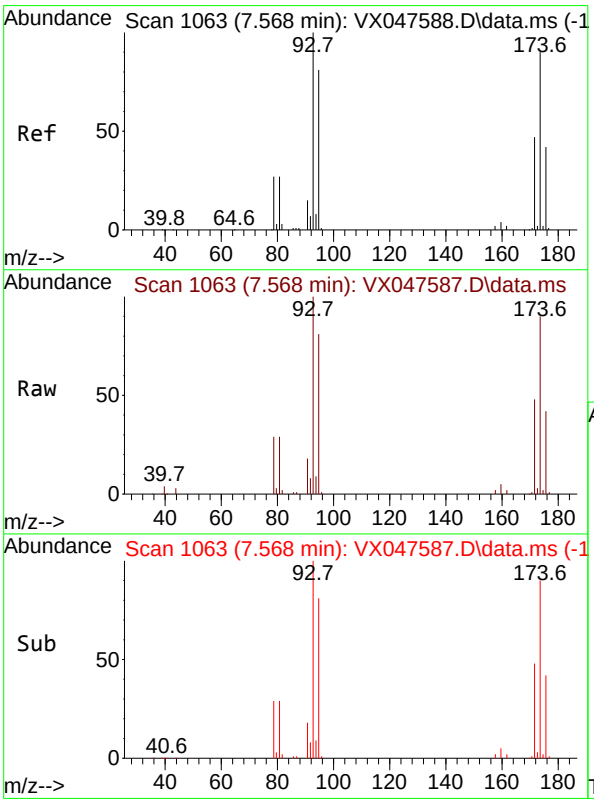
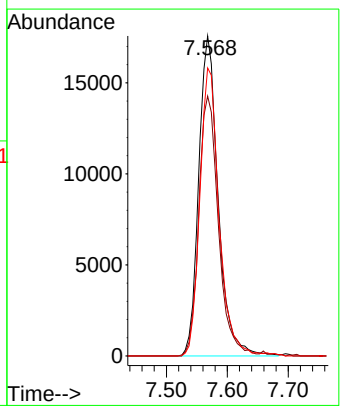
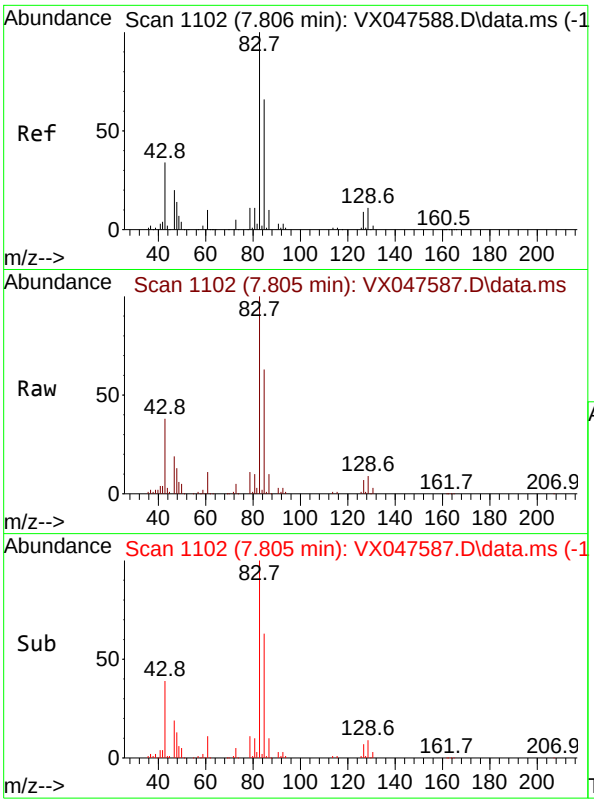


#46
Dibromomethane
Concen: 20.862 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

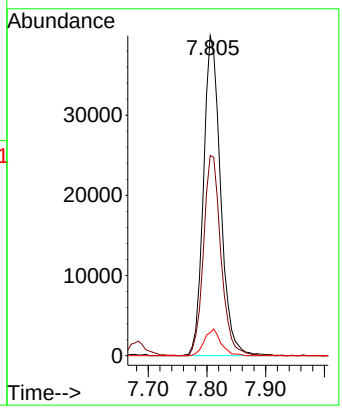




#47
Bromodichloromethane
Concen: 21.002 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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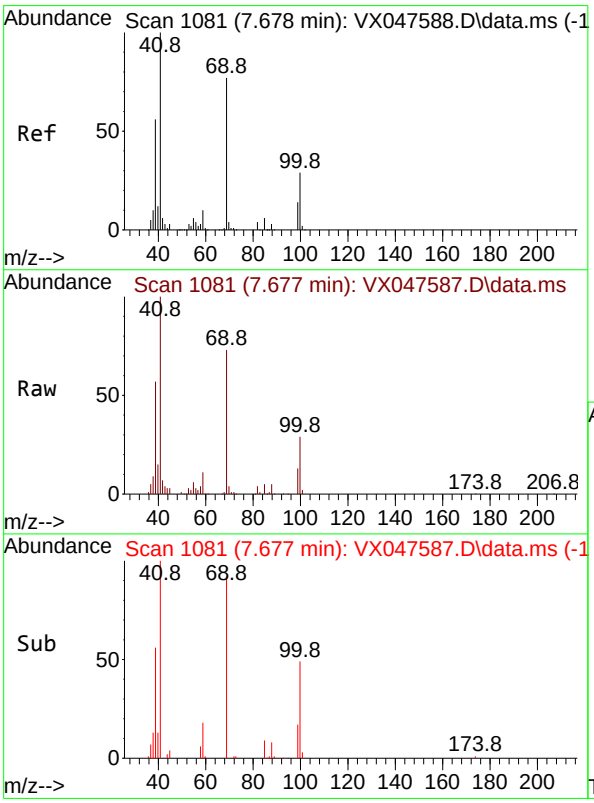
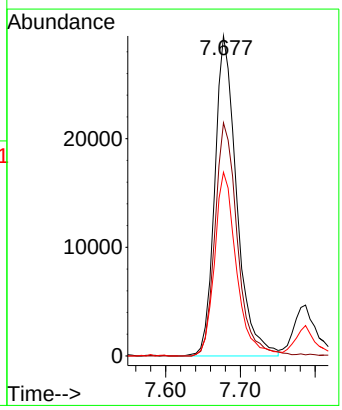
Supervised By :Mahesh Dadoda 09/18/2025

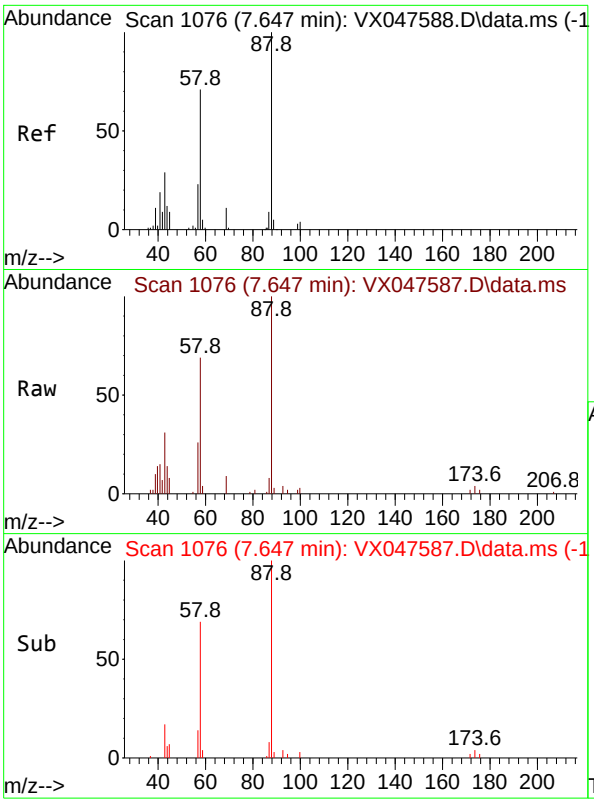


#48
Methyl methacrylate
Concen: 20.877 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

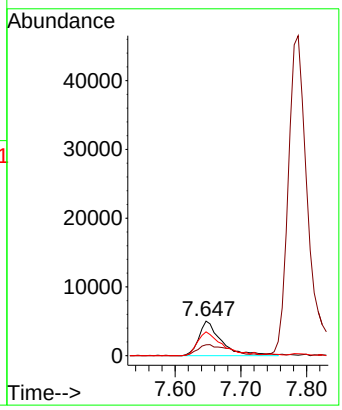




#49
1,4-Dioxane
Concen: 413.530 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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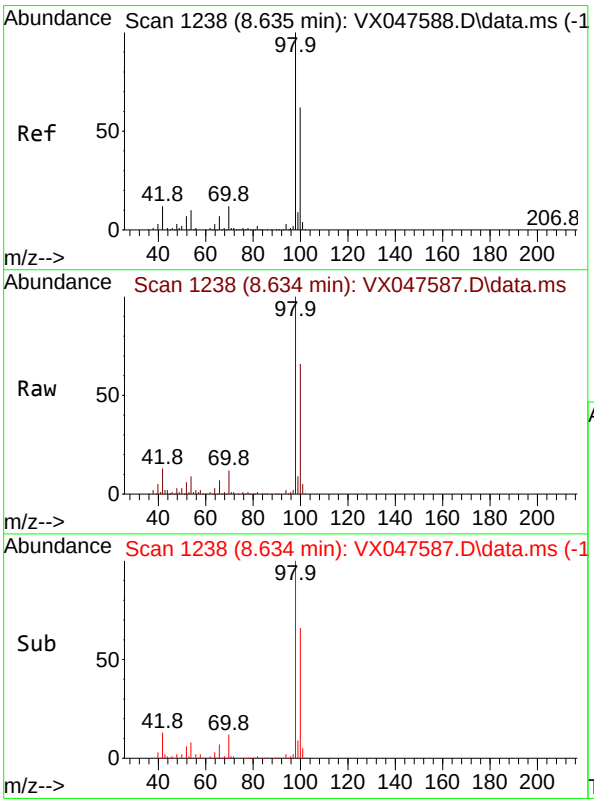
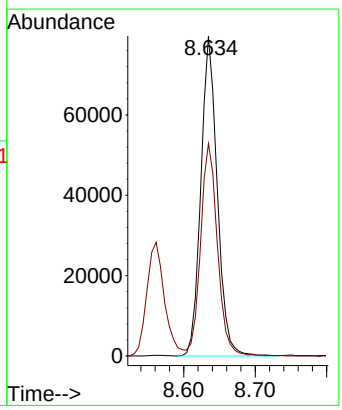
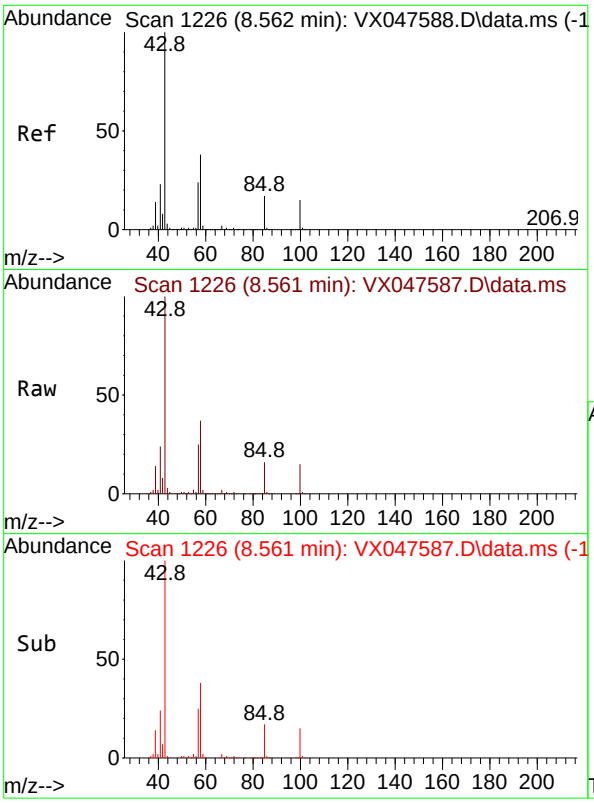


#50
Toluene-d8
Concen: 16.258 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 98 Resp: 126875

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.4

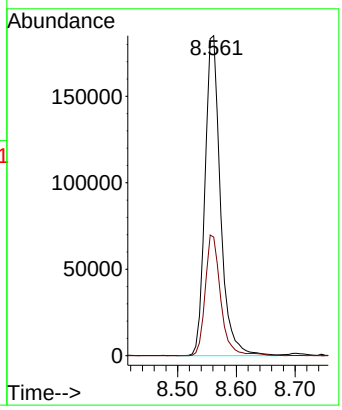




#51
4-Methyl-2-Pentanone
Concen: 105.456 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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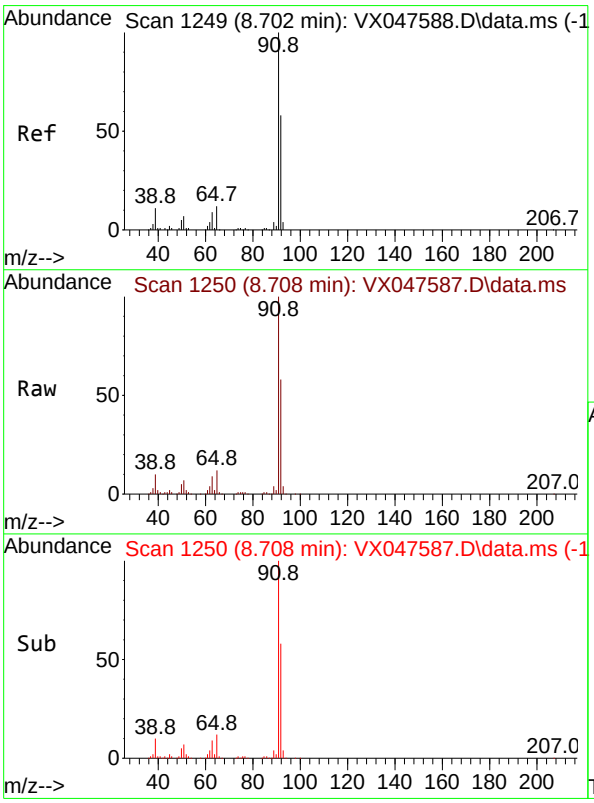
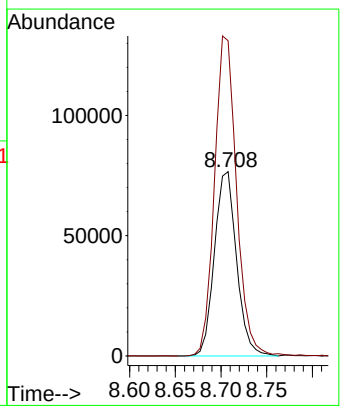
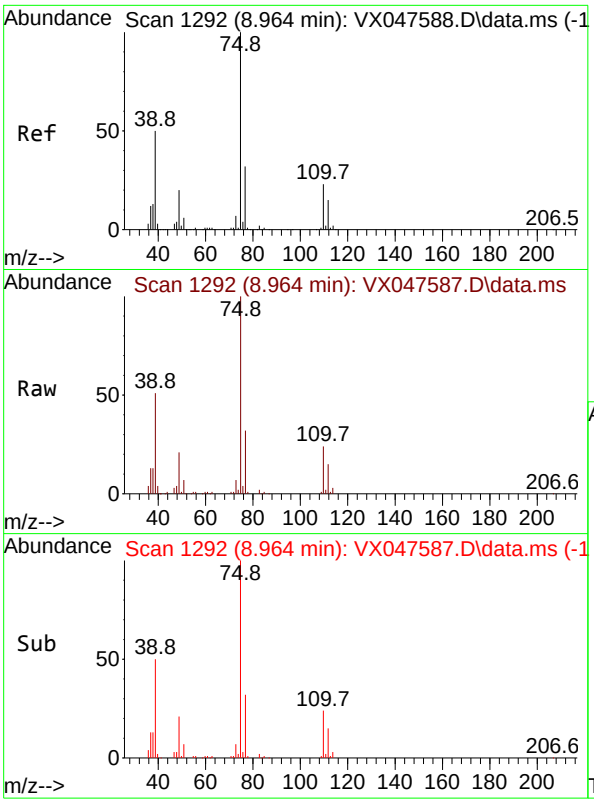


#52
Toluene
Concen: 20.950 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 92 Resp: 129193

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.1	205.7

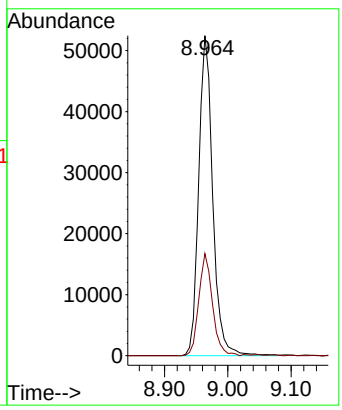




#53
t-1,3-Dichloropropene
Concen: 20.625 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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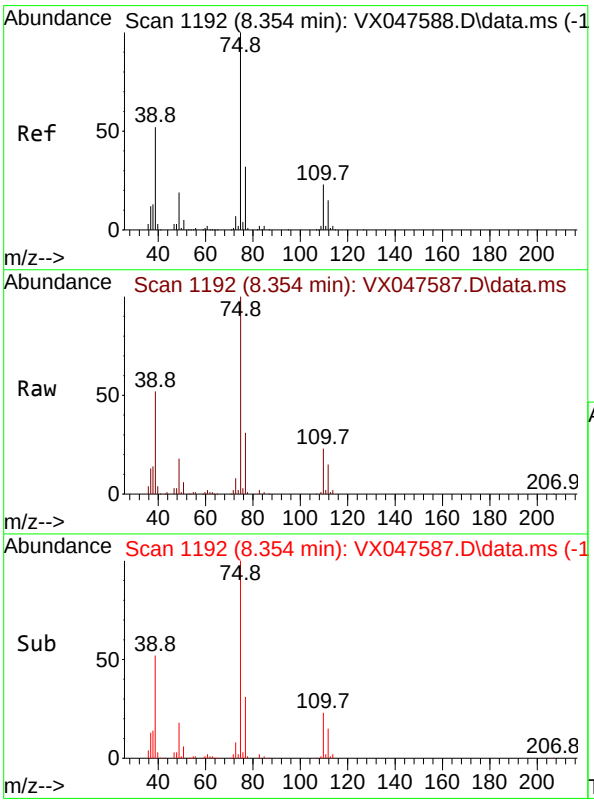
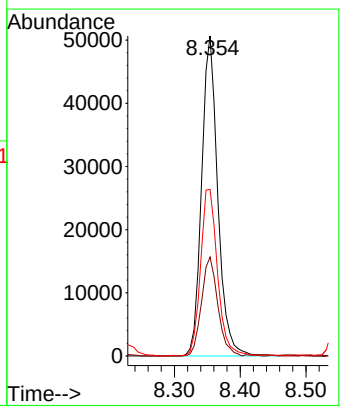
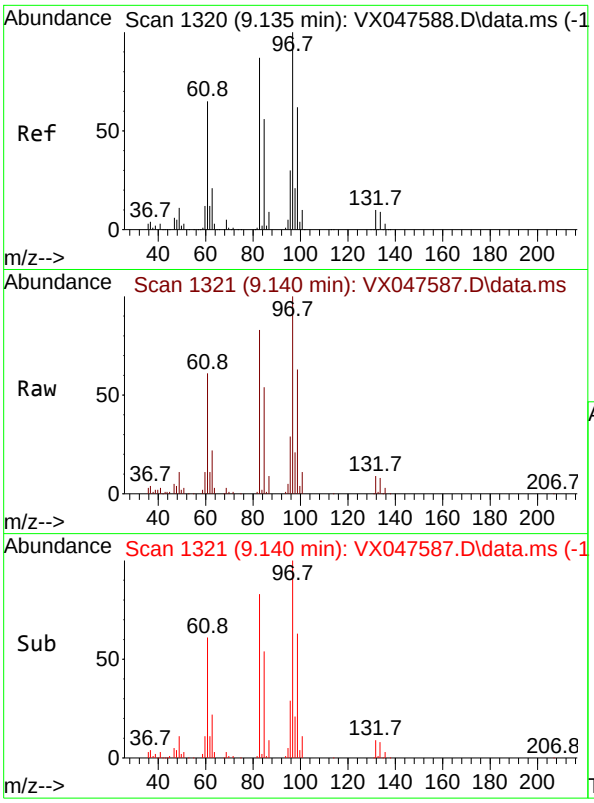


#54
cis-1,3-Dichloropropene
Concen: 20.650 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

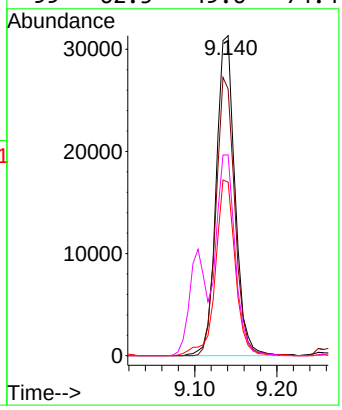




#55
1,1,2-Trichloroethane
Concen: 20.967 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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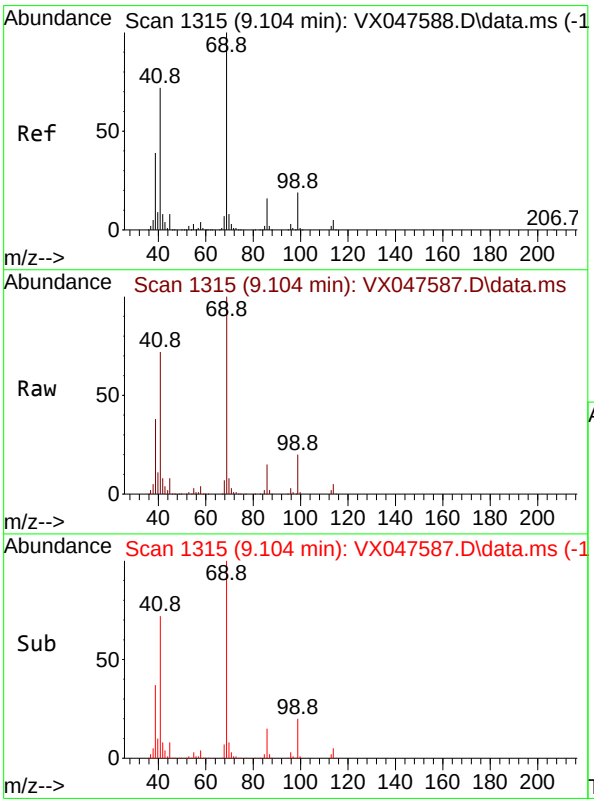
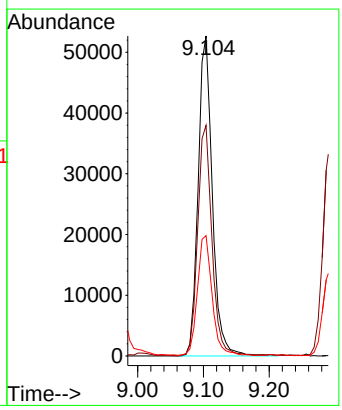
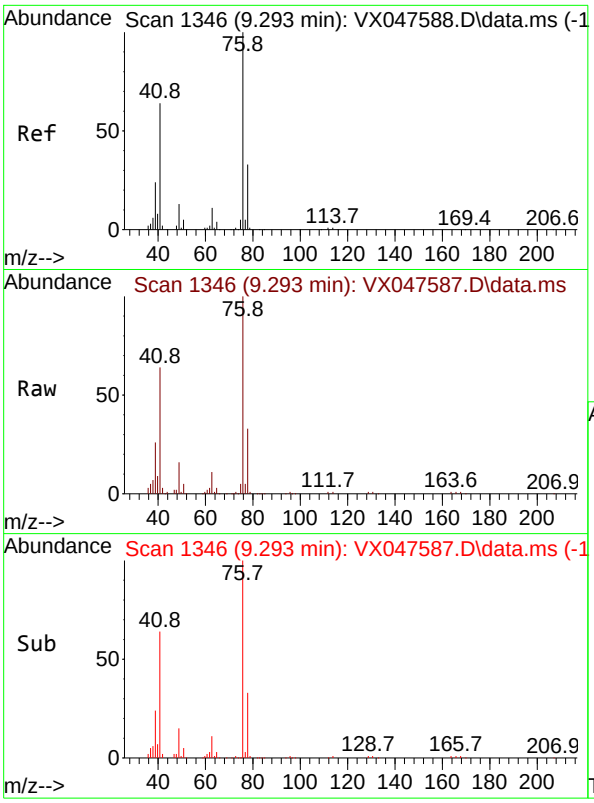


#56
Ethyl methacrylate
Concen: 21.158 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

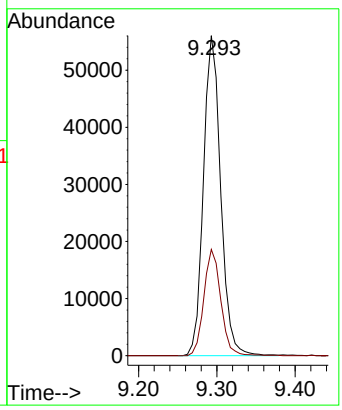




#57
1,3-Dichloropropane
Concen: 20.934 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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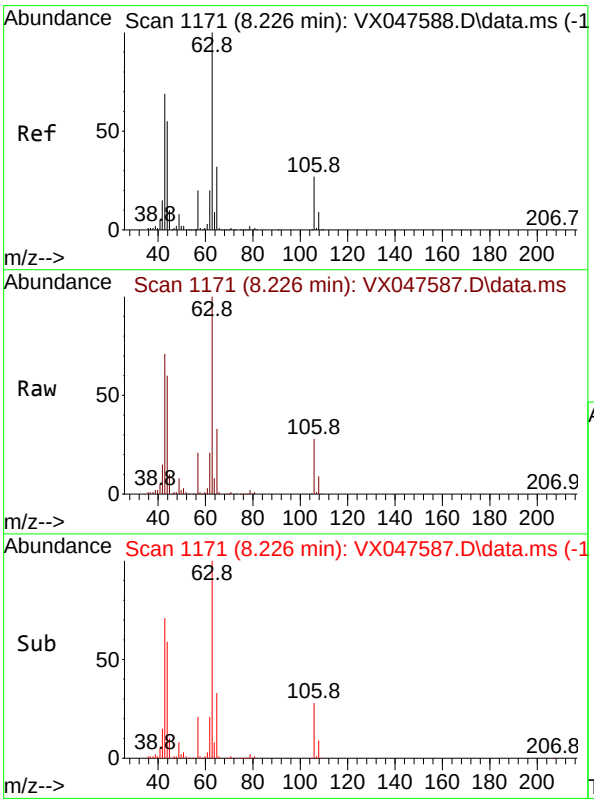
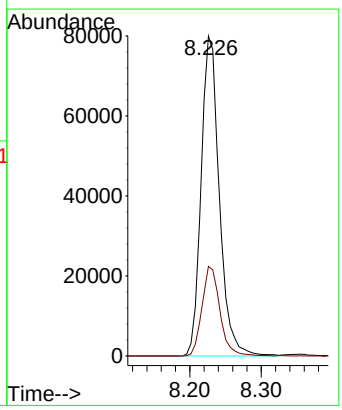
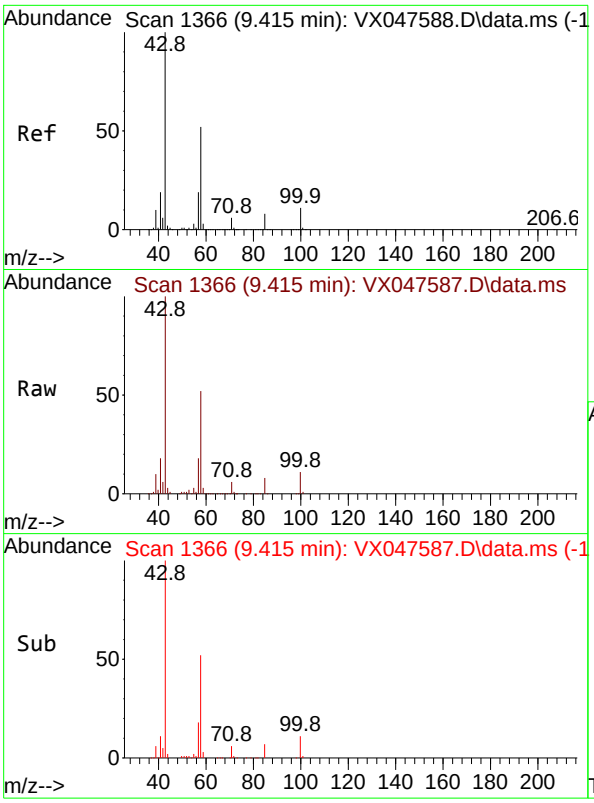


#58
2-Chloroethyl Vinyl ether
Concen: 86.617 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 141395

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9

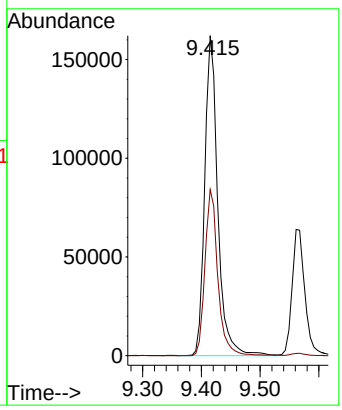




#59
2-Hexanone
Concen: 108.488 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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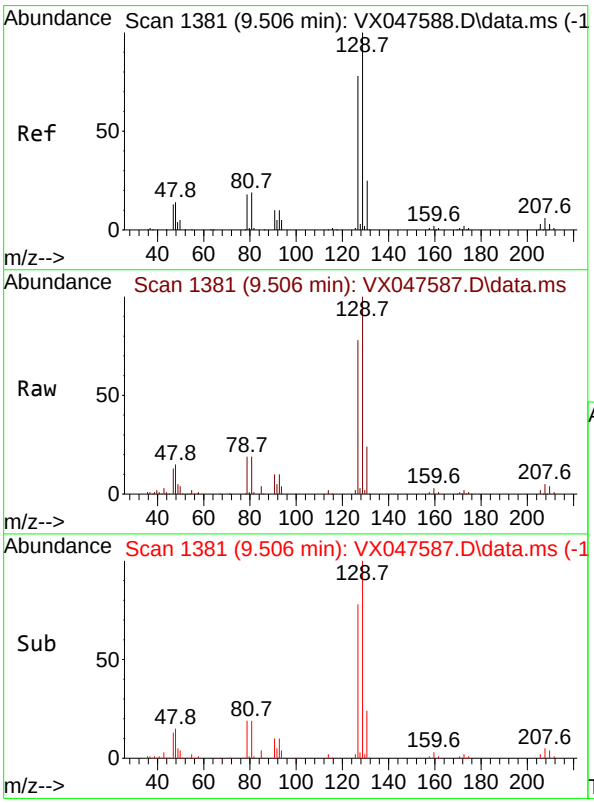
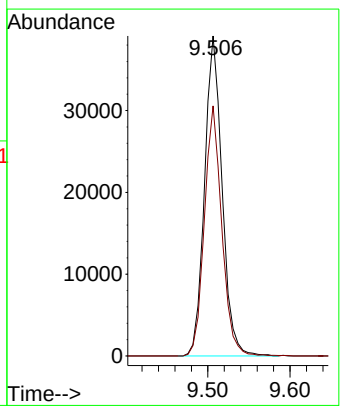
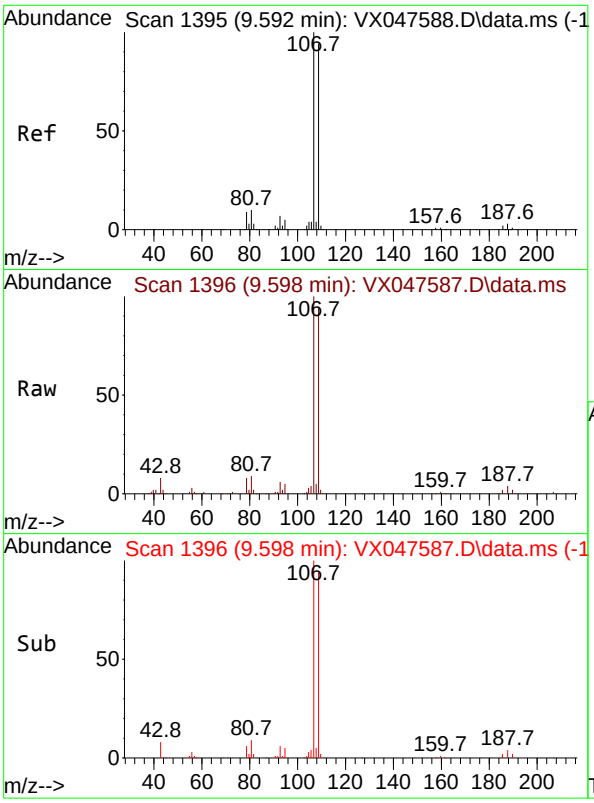


#60
Dibromochloromethane
Concen: 21.167 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:129 Resp: 57994

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2

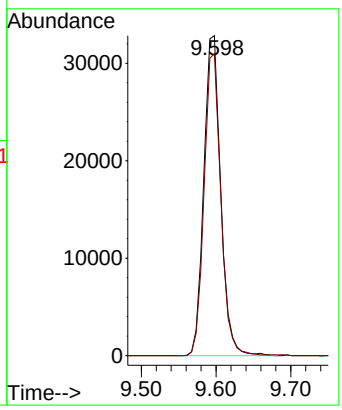




#61
1,2-Dibromoethane
Concen: 21.310 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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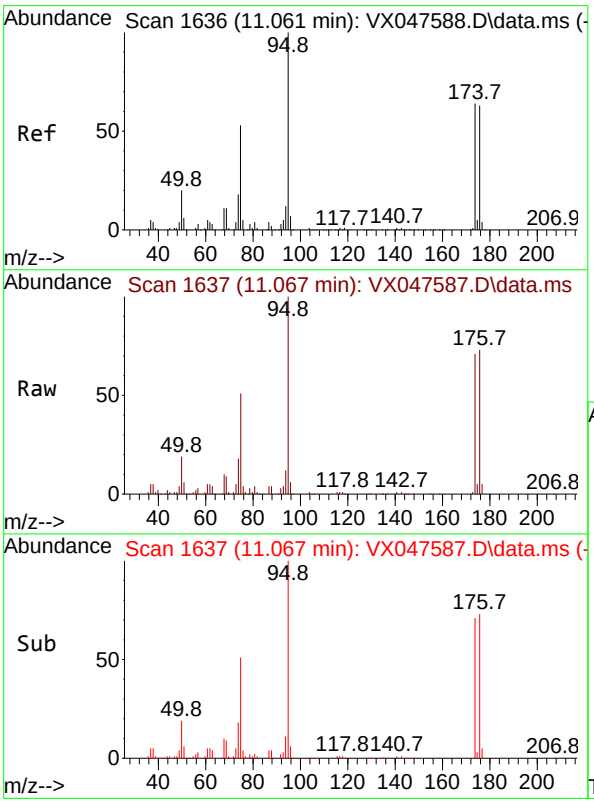
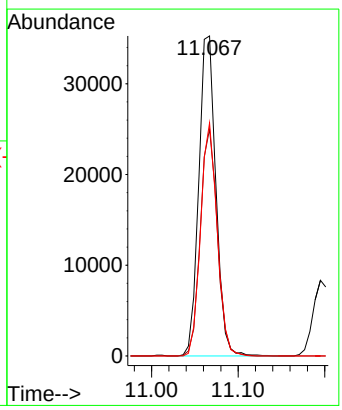
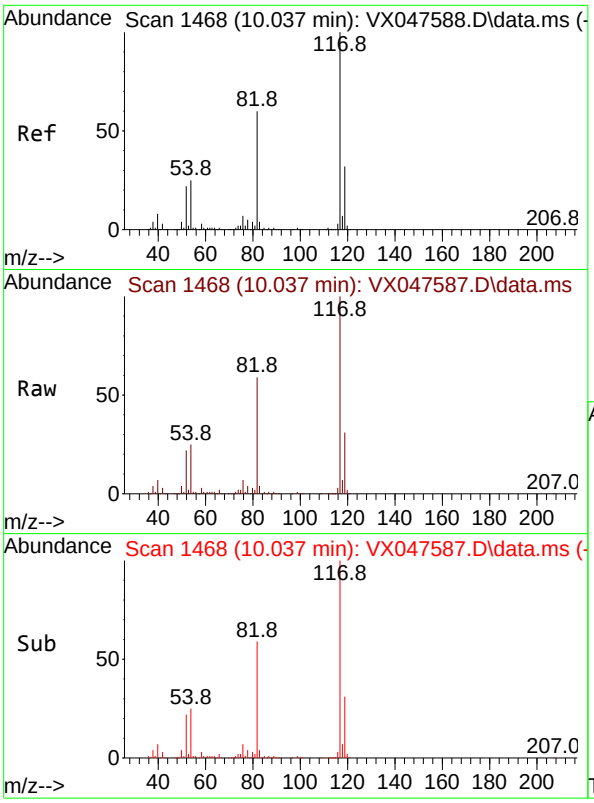


#62
4-Bromofluorobenzene
Concen: 16.360 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

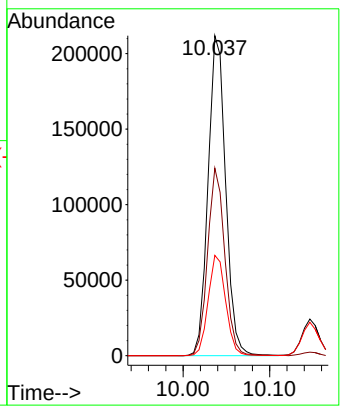




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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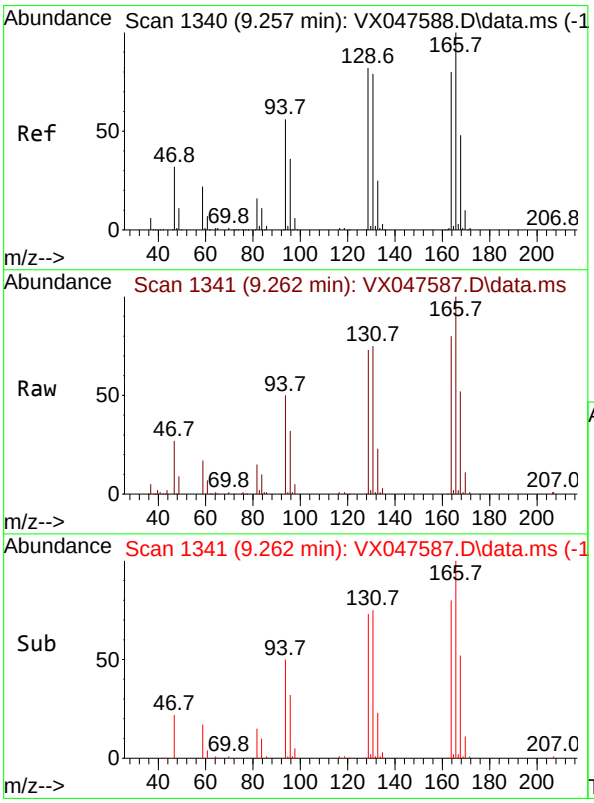
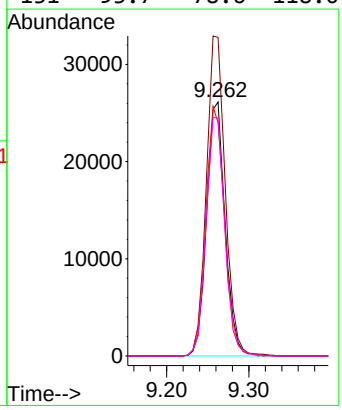
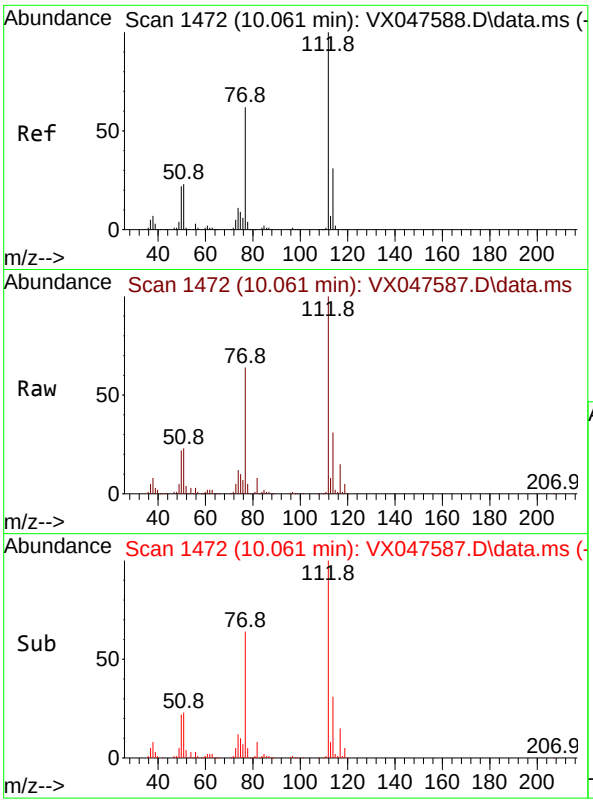


#64
Tetrachloroethene
Concen: 20.979 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

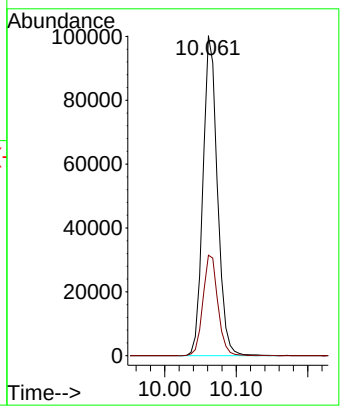




#65
Chlorobenzene
Concen: 20.731 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:112 Resp: 14064

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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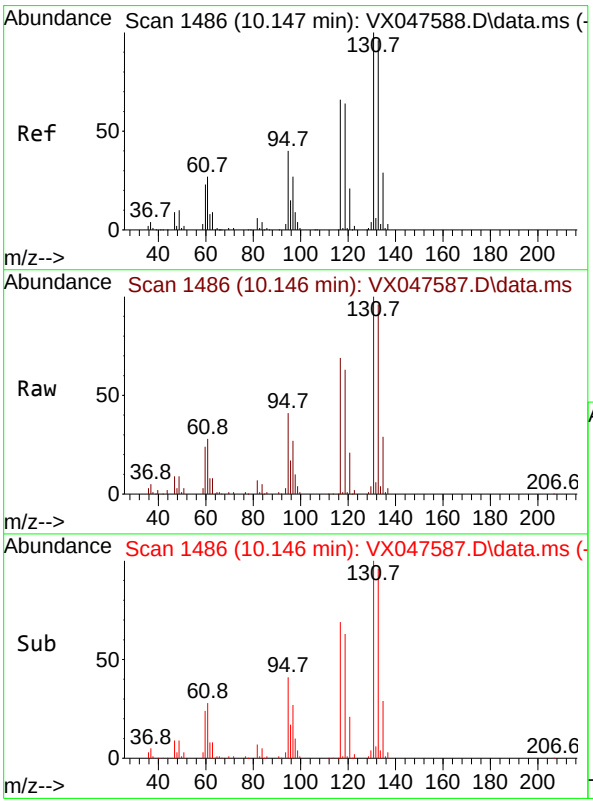
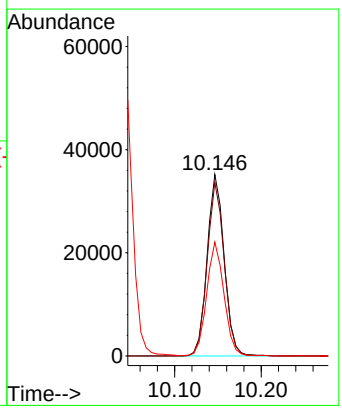
Supervised By :Mahesh Dadoda 09/18/2025

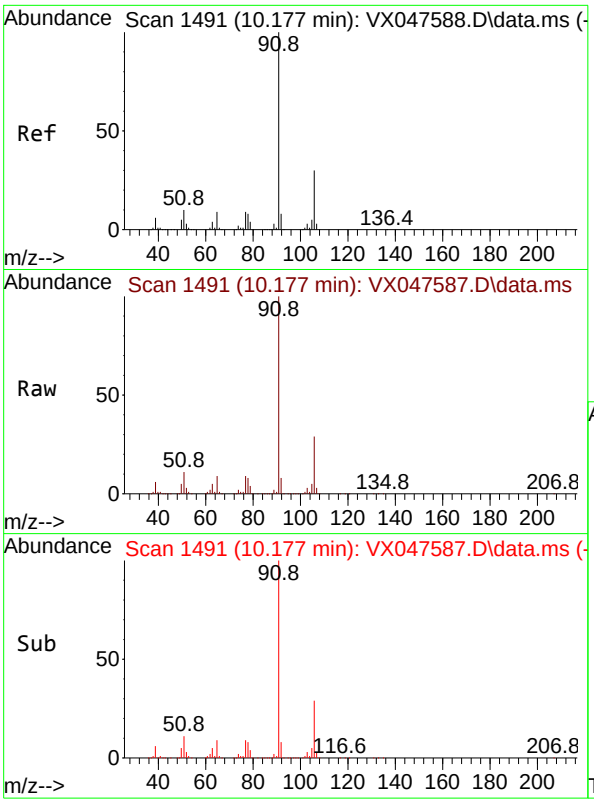


#66
1,1,1,2-Tetrachloroethane
Concen: 20.513 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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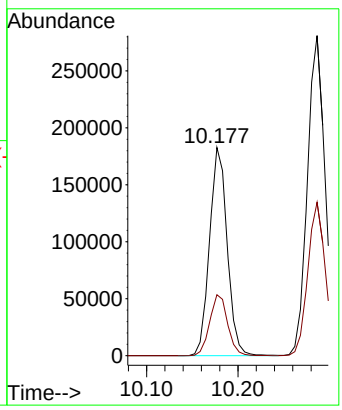
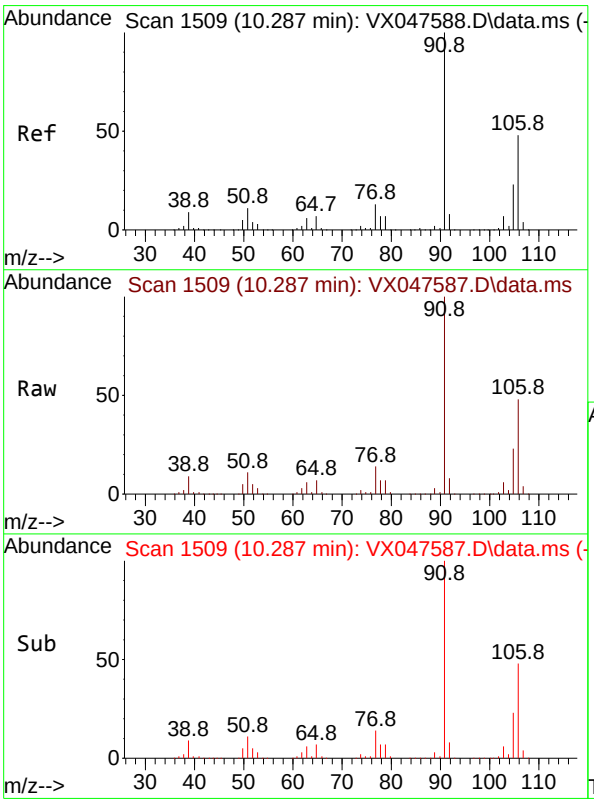
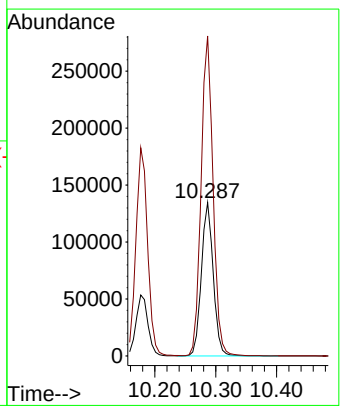


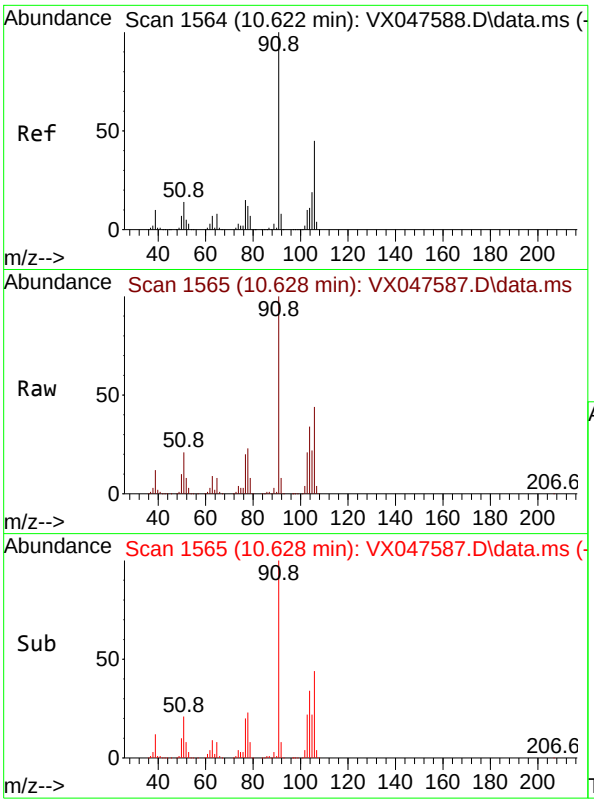


#68
m/p-Xylenes
Concen: 41.951 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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
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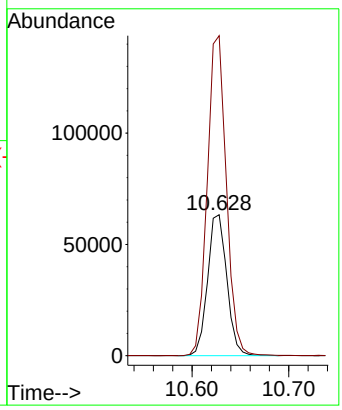
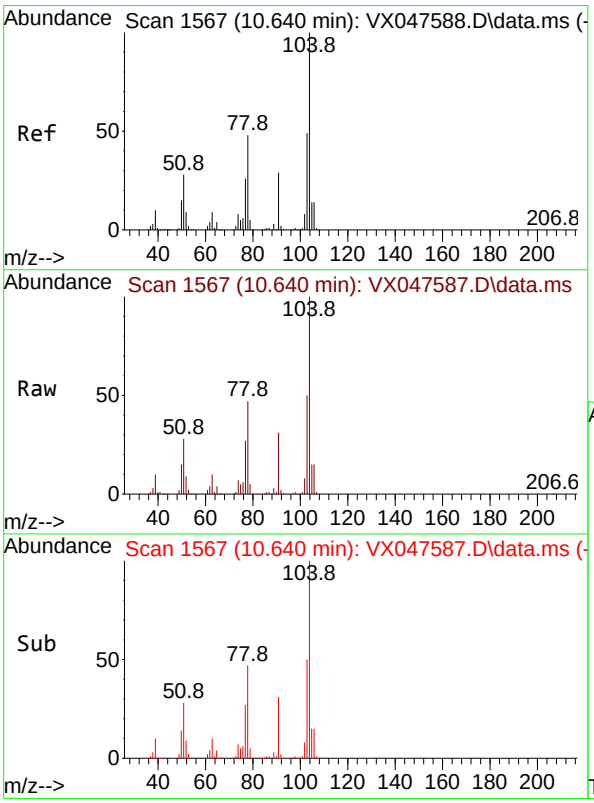
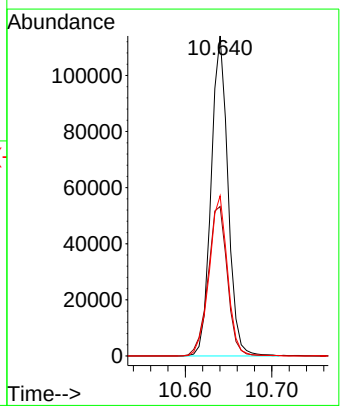


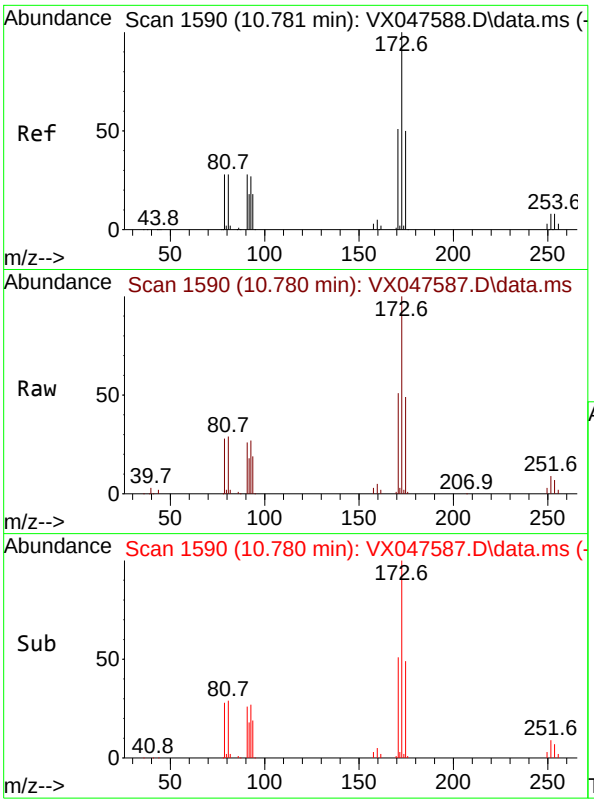


#70
Styrene
Concen: 20.866 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

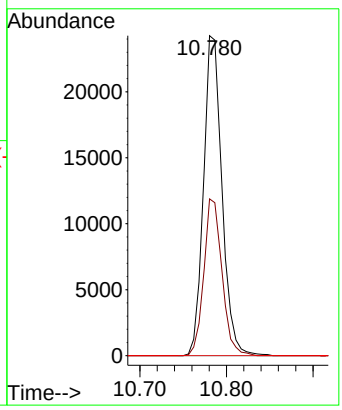




#71
Bromoform
Concen: 20.550 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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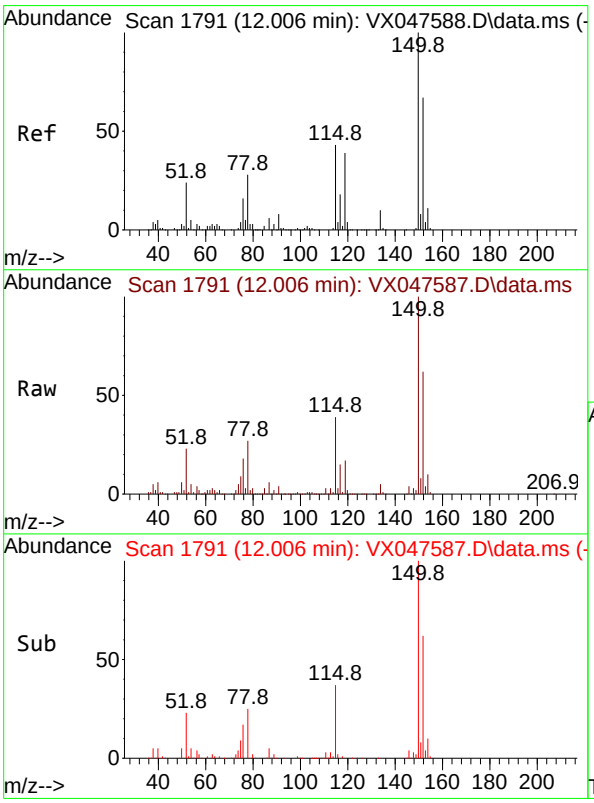
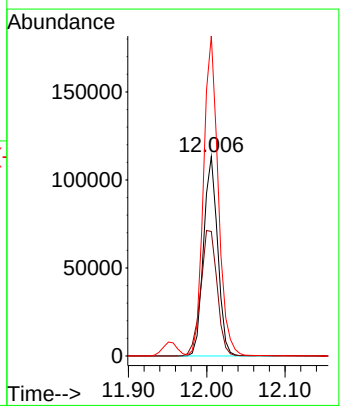
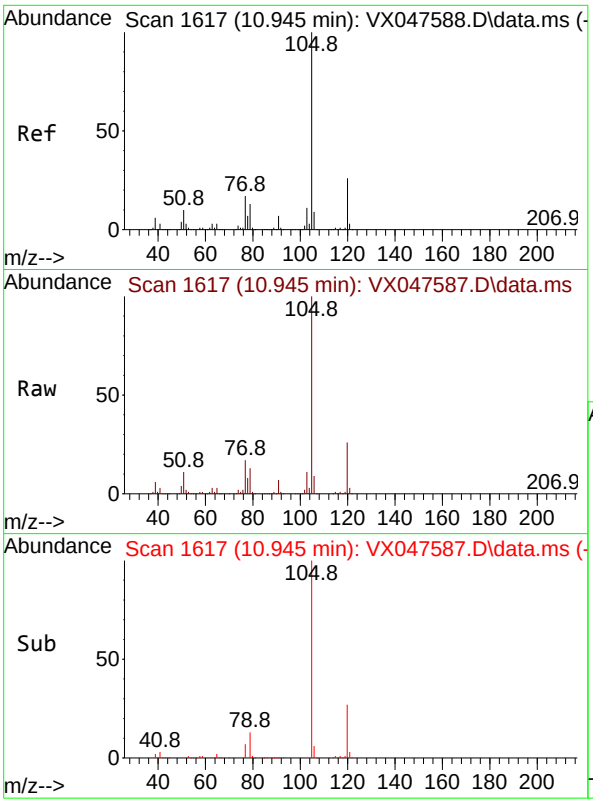


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

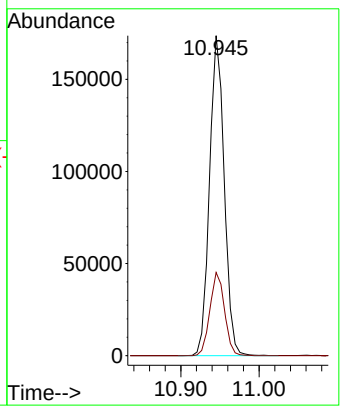




#73
Isopropylbenzene
Concen: 20.970 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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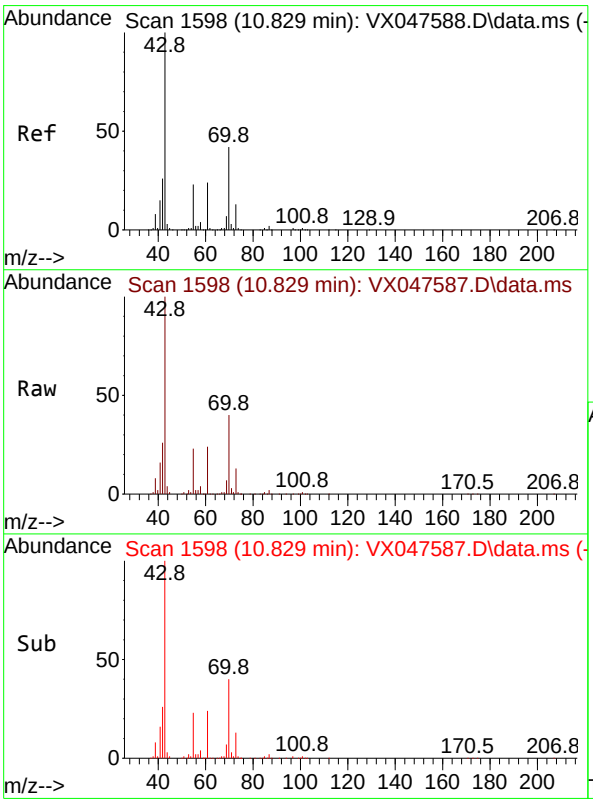
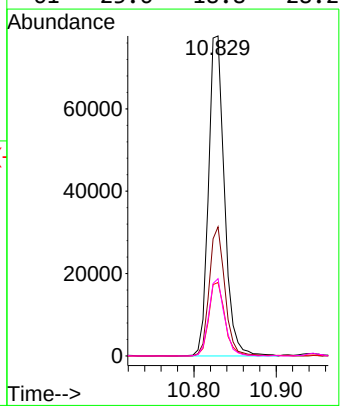
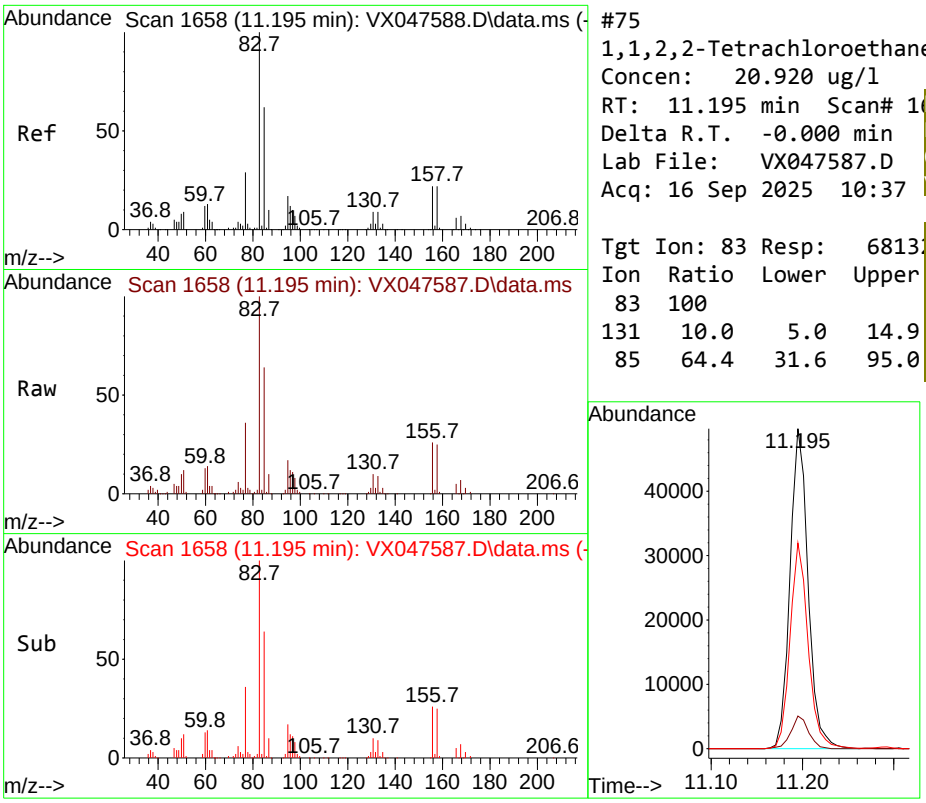


#74
N-amyl acetate
Concen: 21.354 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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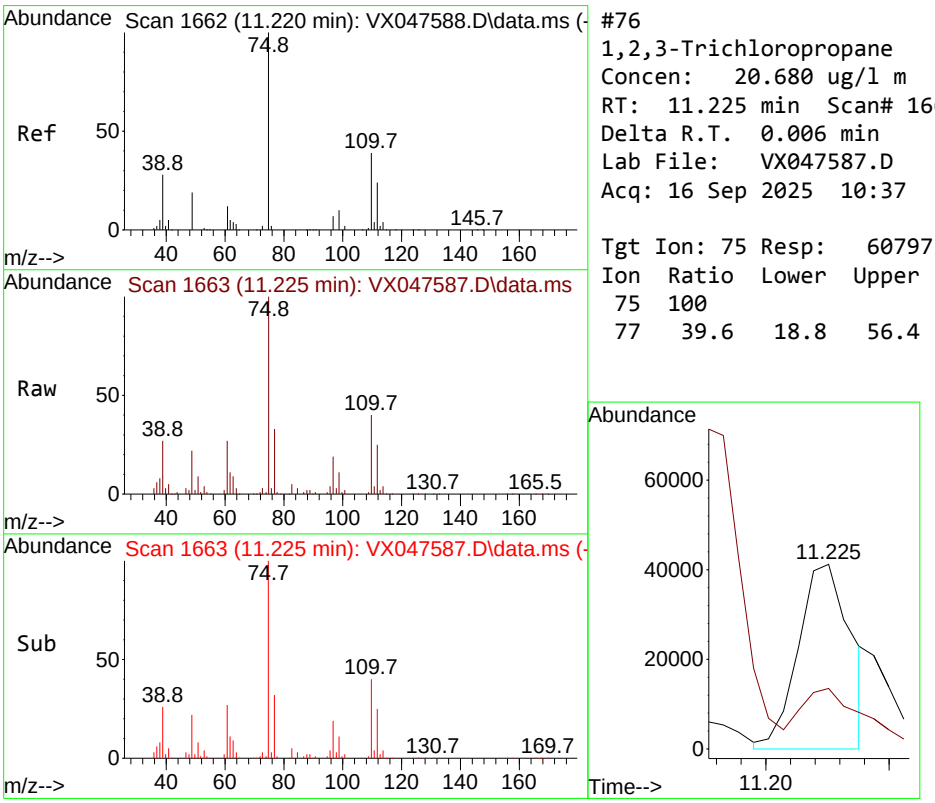
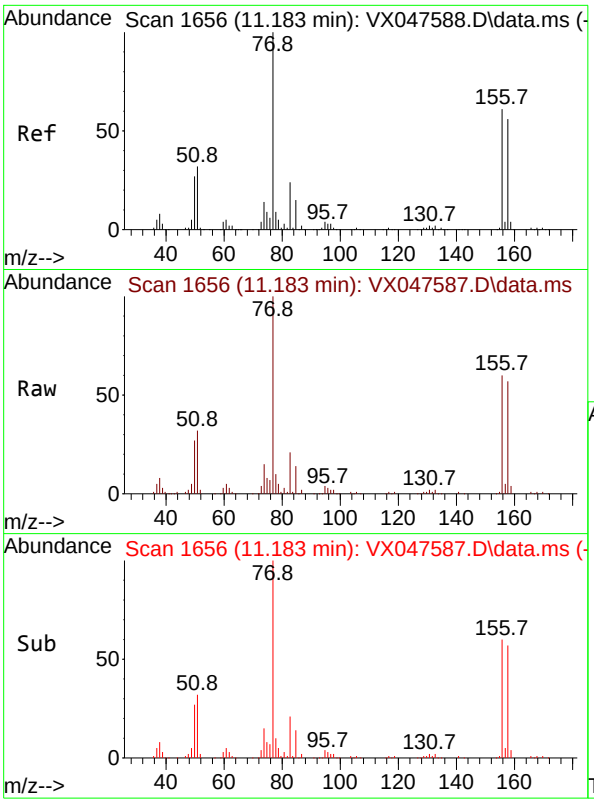


#76
1,2,3-Trichloropropane
Concen: 20.680 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 60797

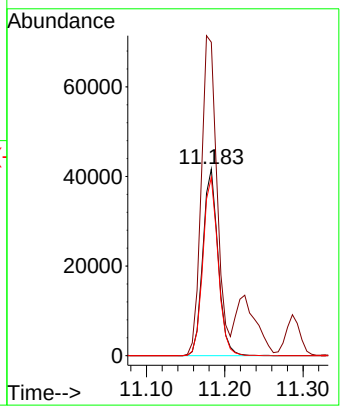
Ion	Ratio	Lower	Upper
75	100		
77	39.6	18.8	56.4



#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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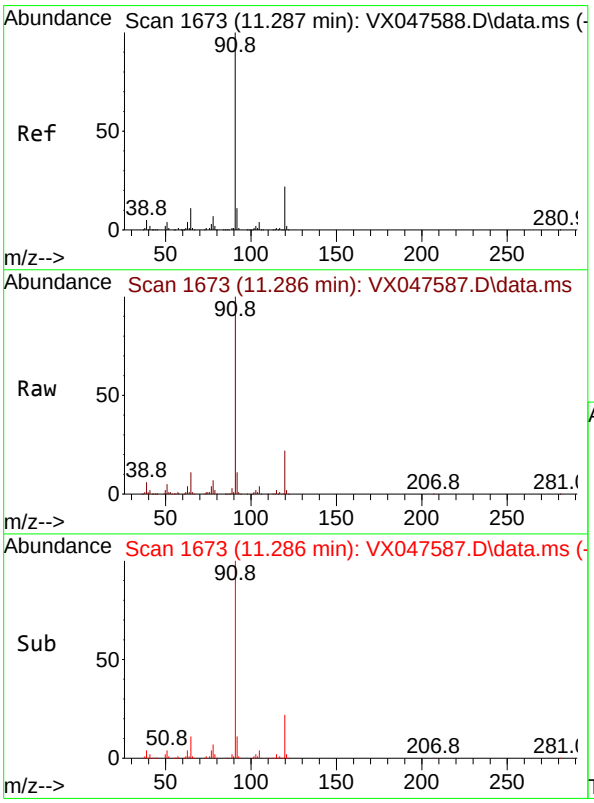
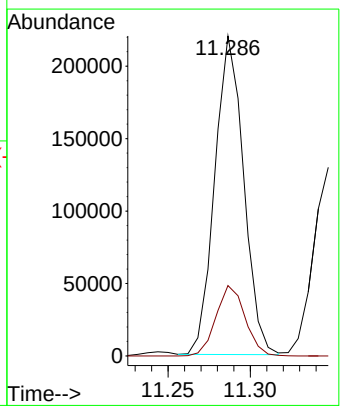
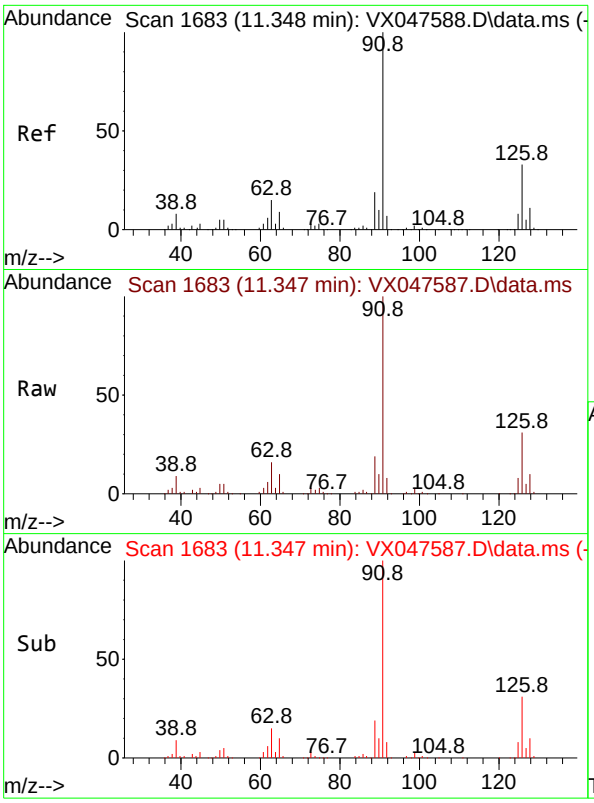


#78
n-propylbenzene
Concen: 21.092 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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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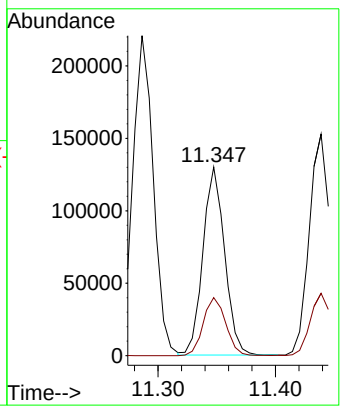
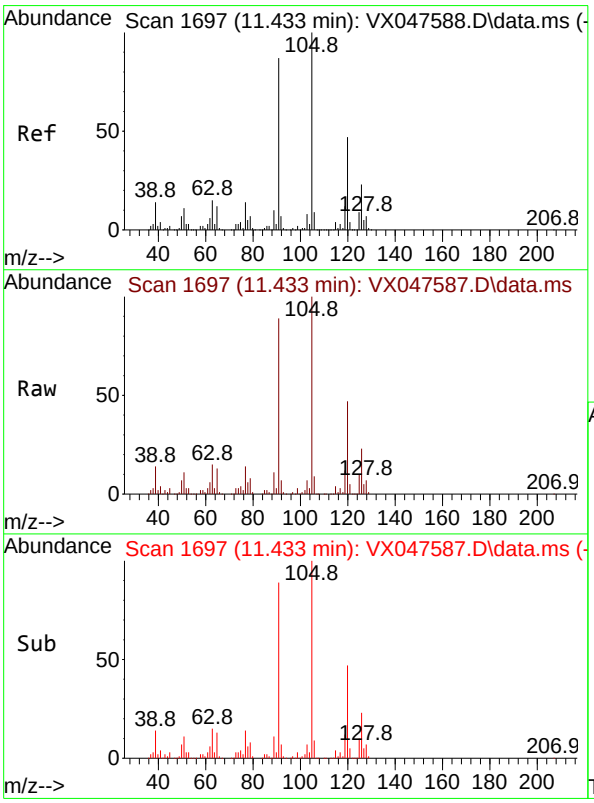
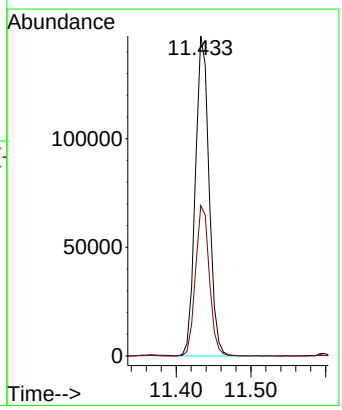


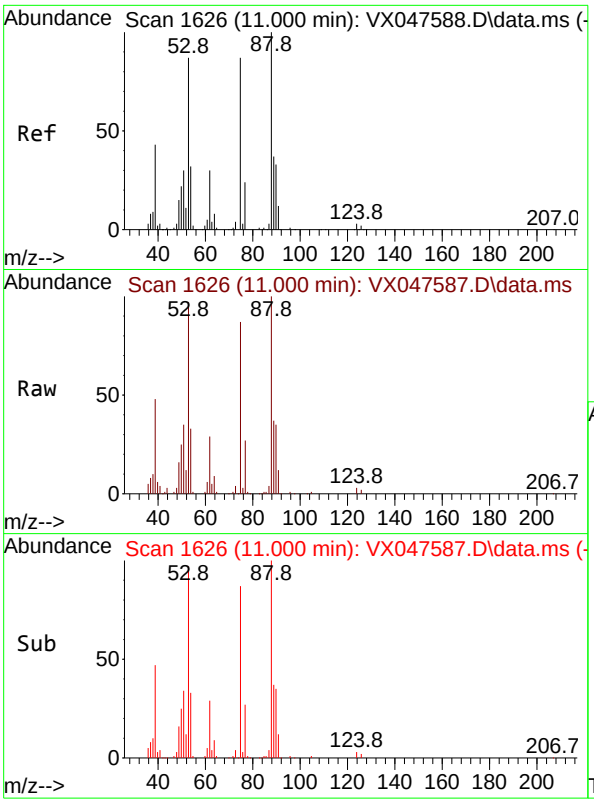


#80
1,3,5-Trimethylbenzene
Concen: 21.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

Manual Integrations
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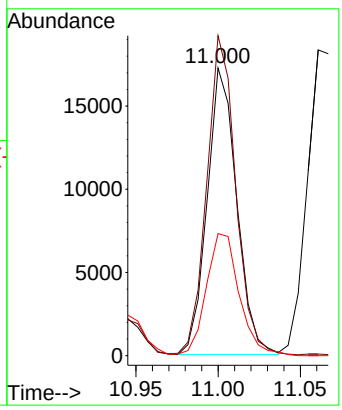
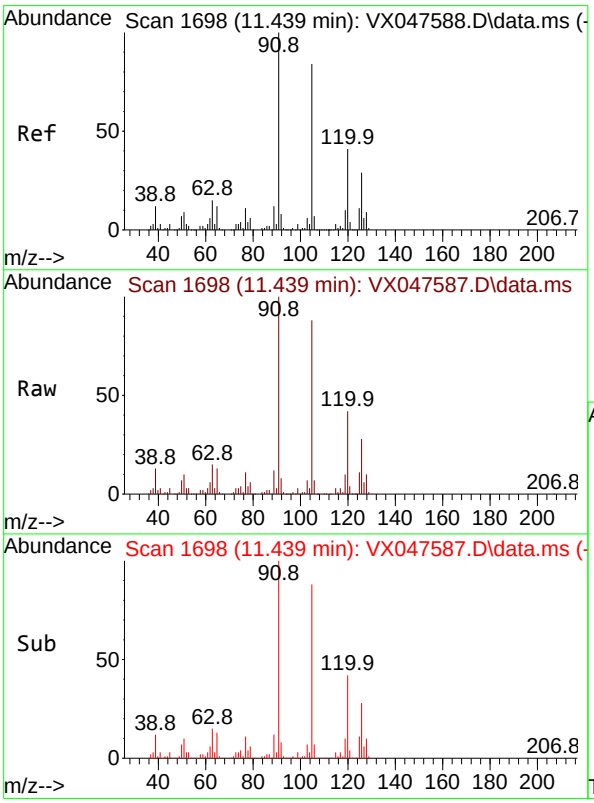
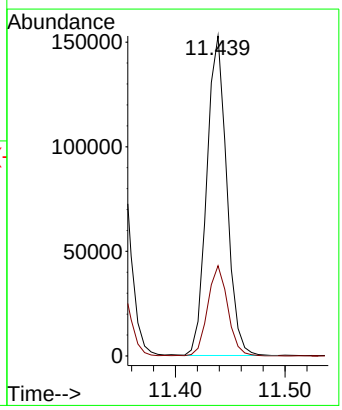


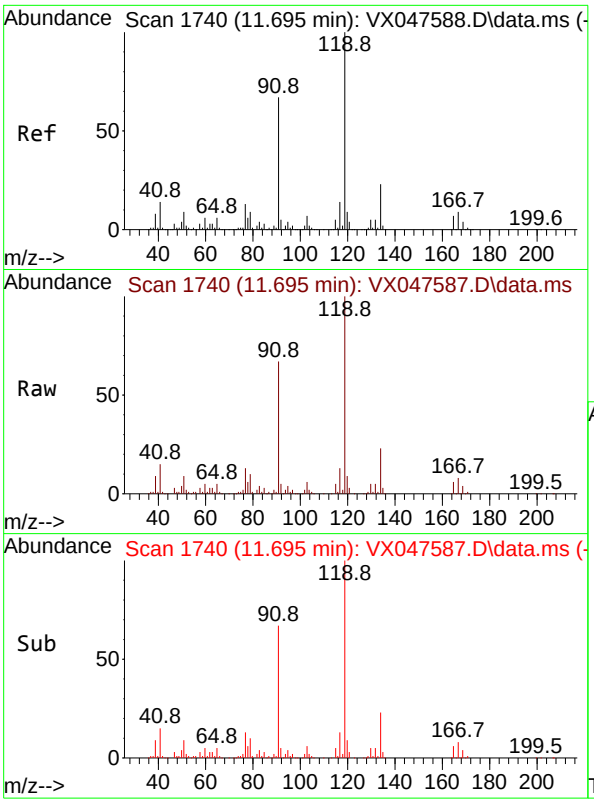


#82
4-Chlorotoluene
Concen: 20.980 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 193122

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6

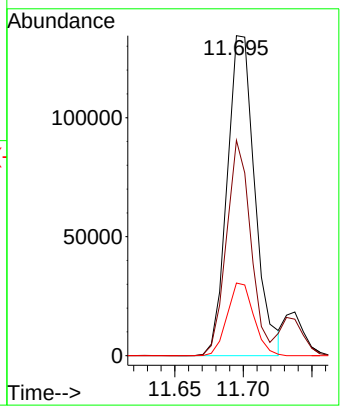




#83
tert-Butylbenzene
Concen: 20.929 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

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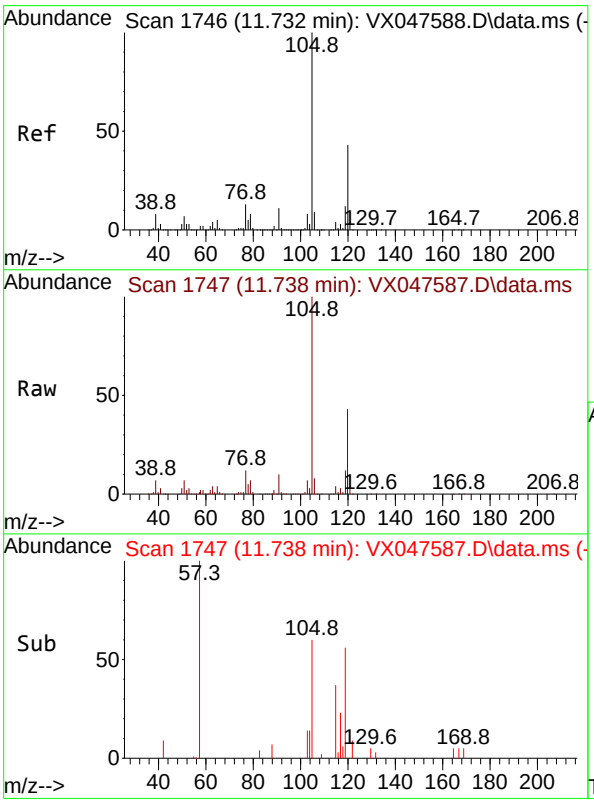
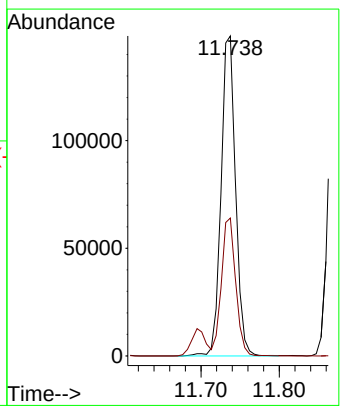
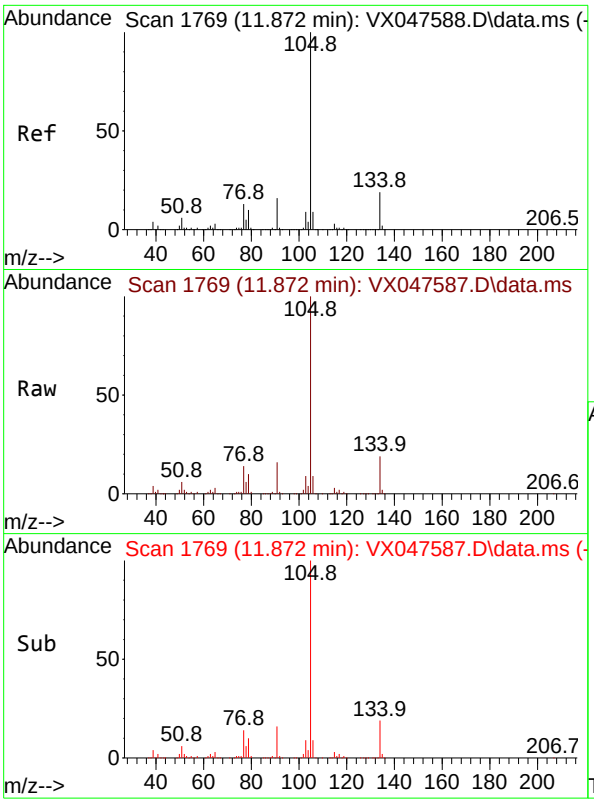


#84
1,2,4-Trimethylbenzene
Concen: 21.355 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 191477

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.1	66.1

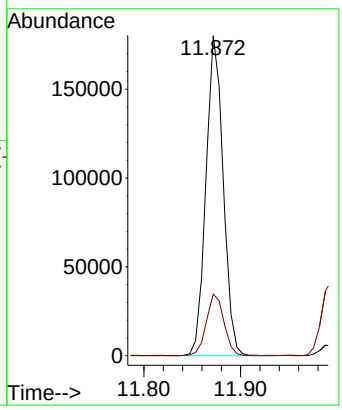




#85
sec-Butylbenzene
Concen: 20.777 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 22343

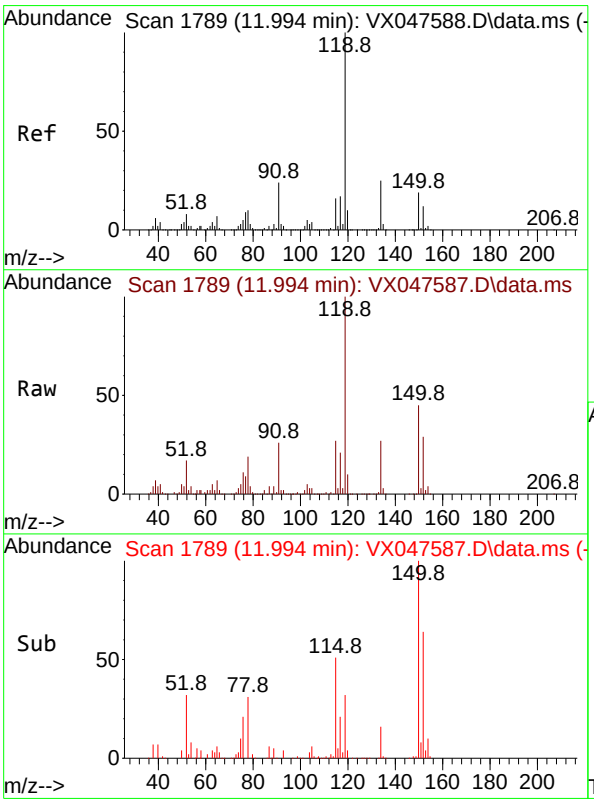
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

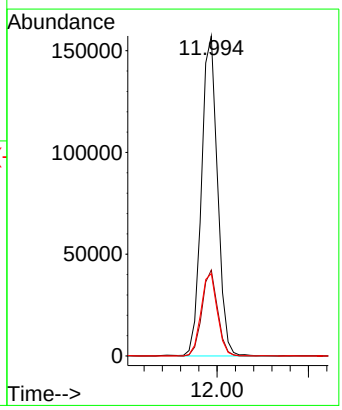
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

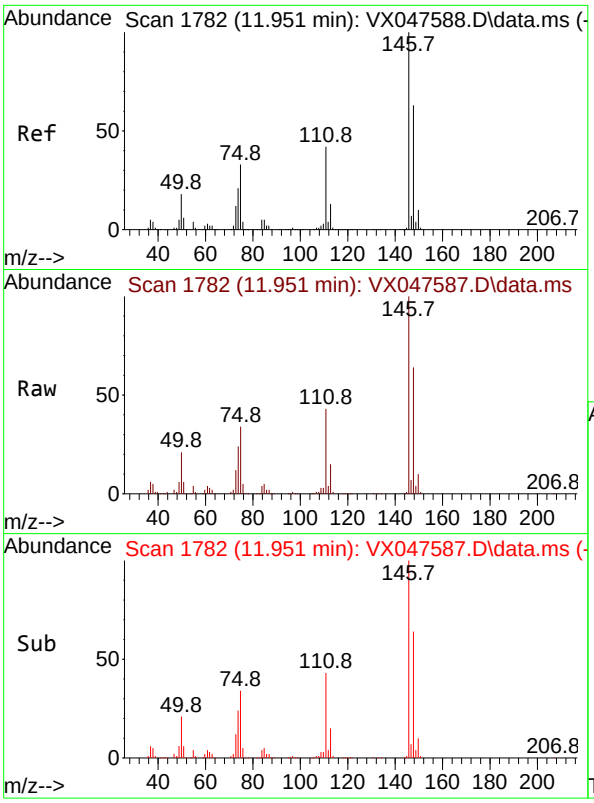


#86
p-Isopropyltoluene
Concen: 20.972 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

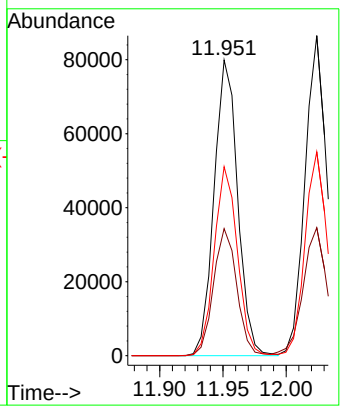




#87
1,3-Dichlorobenzene
Concen: 21.035 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 10358

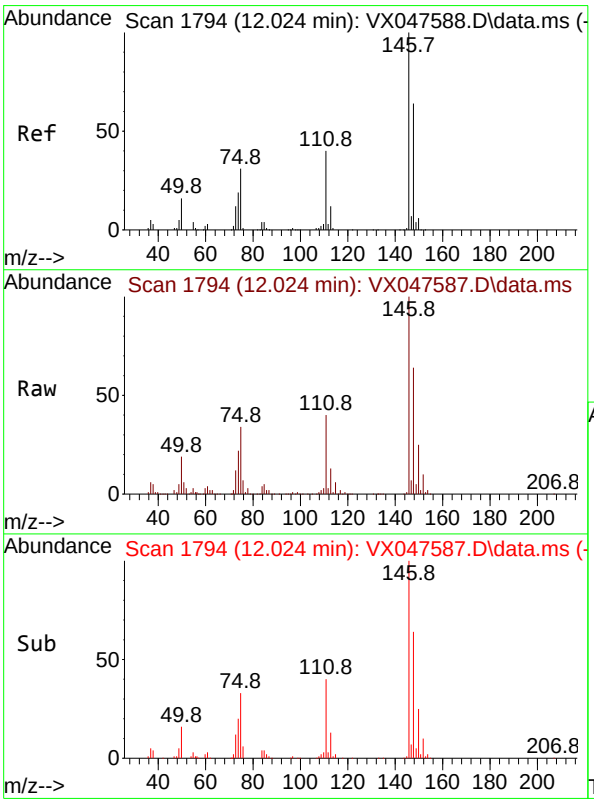
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	62.7	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

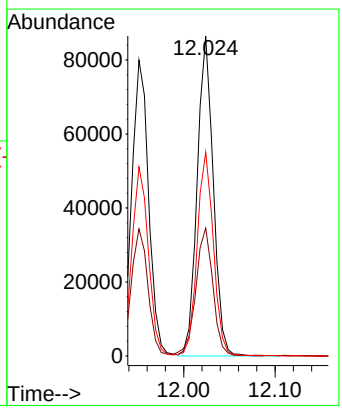
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

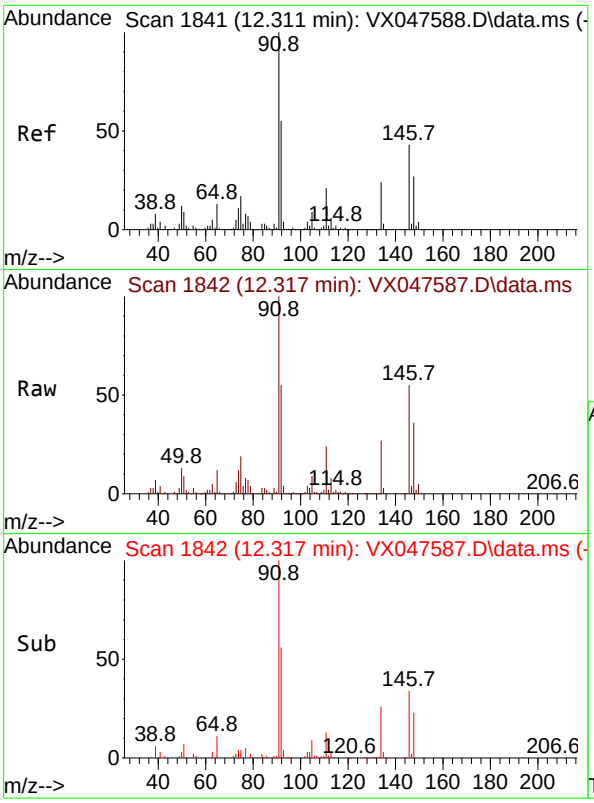


#88
1,4-Dichlorobenzene
Concen: 20.937 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

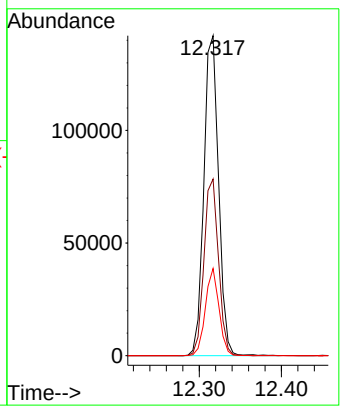




#89
n-Butylbenzene
Concen: 20.937 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 17637

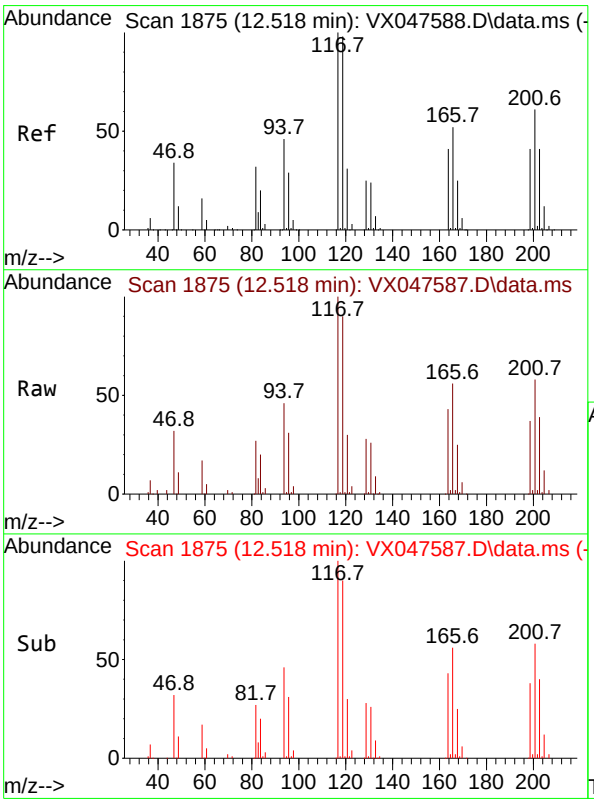
Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	25.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

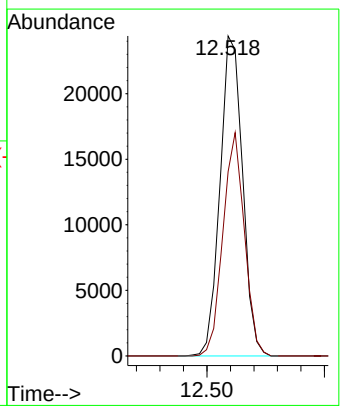
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

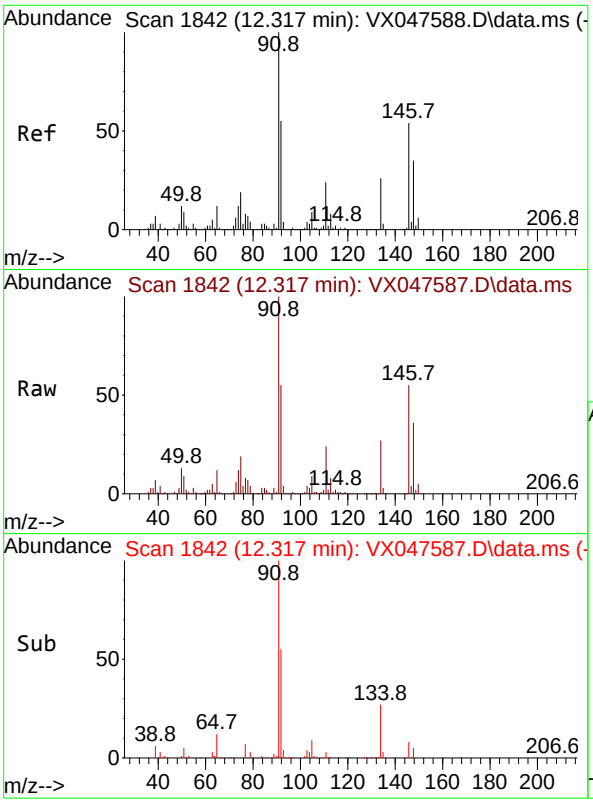


#90
Hexachloroethane
Concen: 20.349 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 32526

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

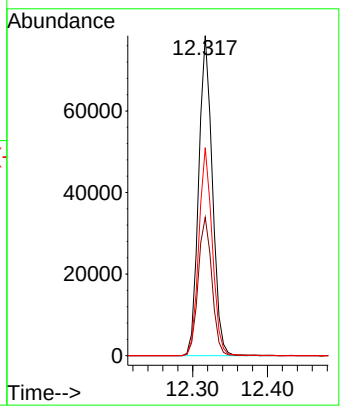




#91
1,2-Dichlorobenzene
Concen: 21.207 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:146 Resp: 9949

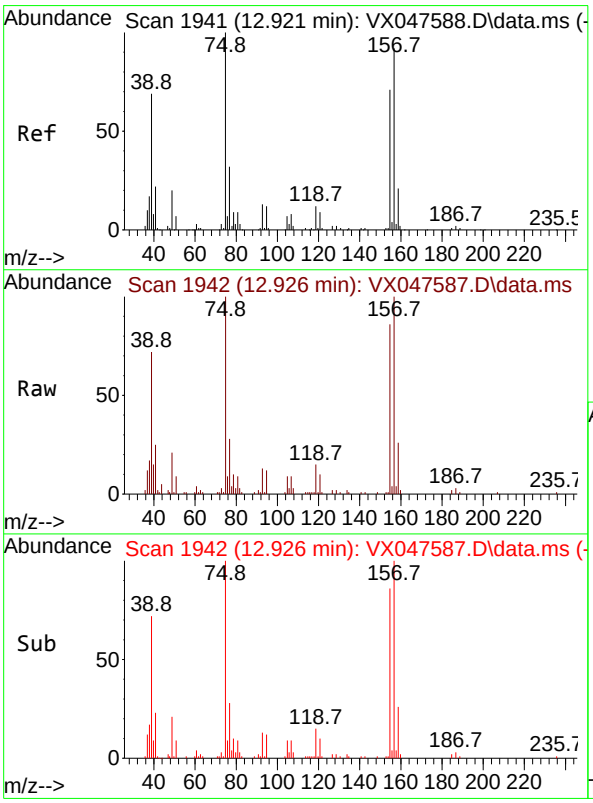
Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.2	66.6
148	63.9	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

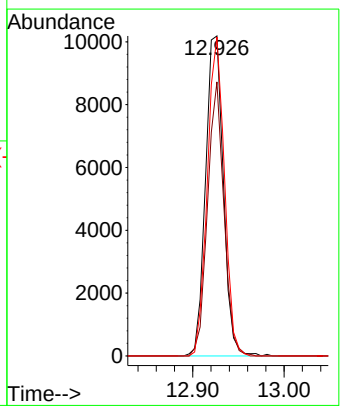
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

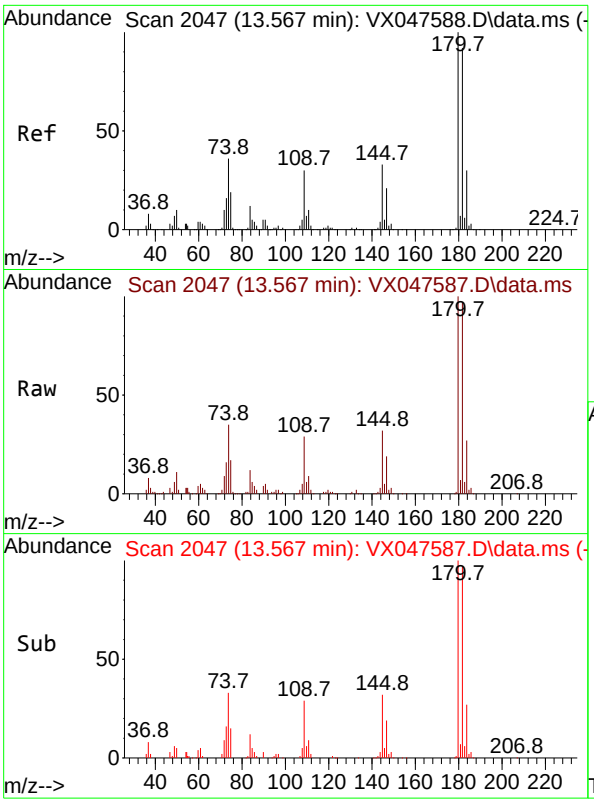


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.821 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

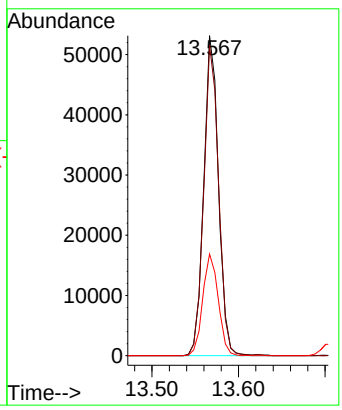




#93
1,2,4-Trichlorobenzene
Concen: 20.571 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:180 Resp: 6272

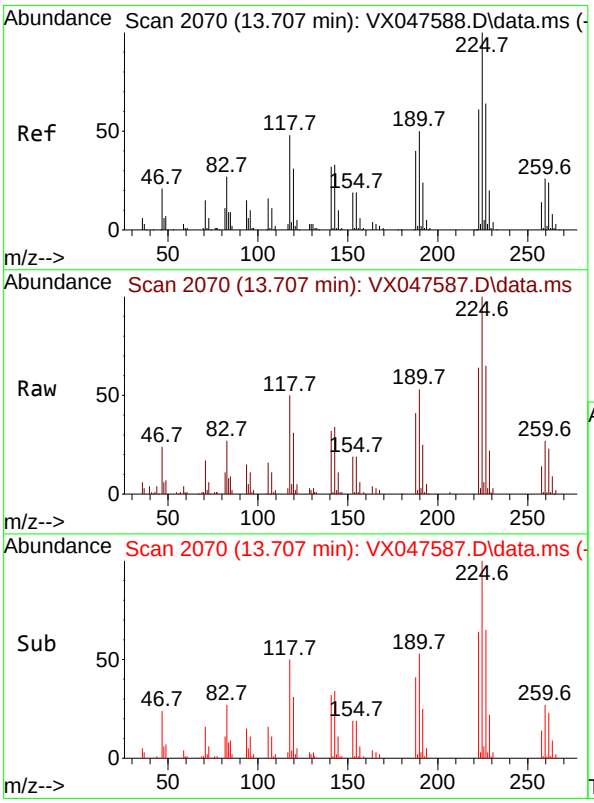
Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.6	139.8
145	33.4	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

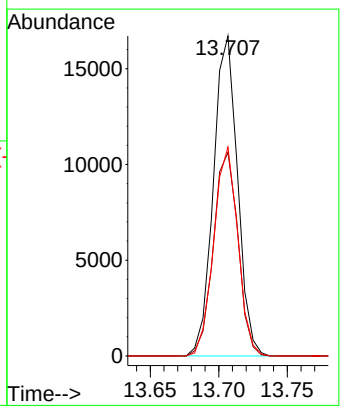
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

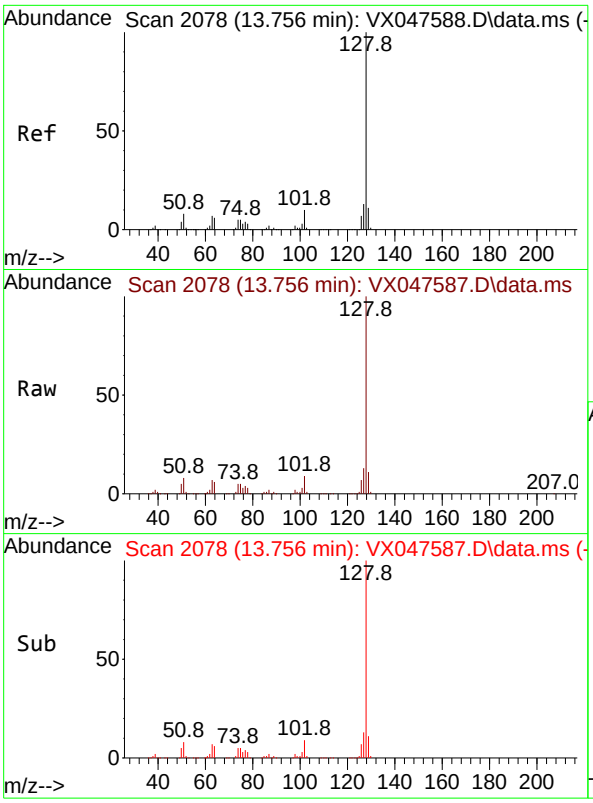


#94
Hexachlorobutadiene
Concen: 19.751 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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

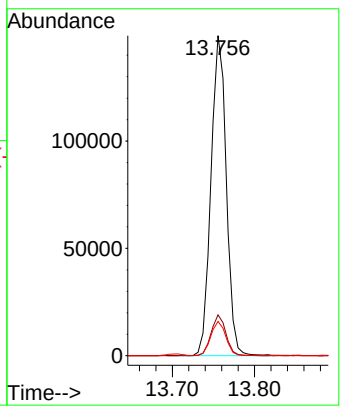




#95
Naphthalene
Concen: 20.801 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:128 Resp: 19313

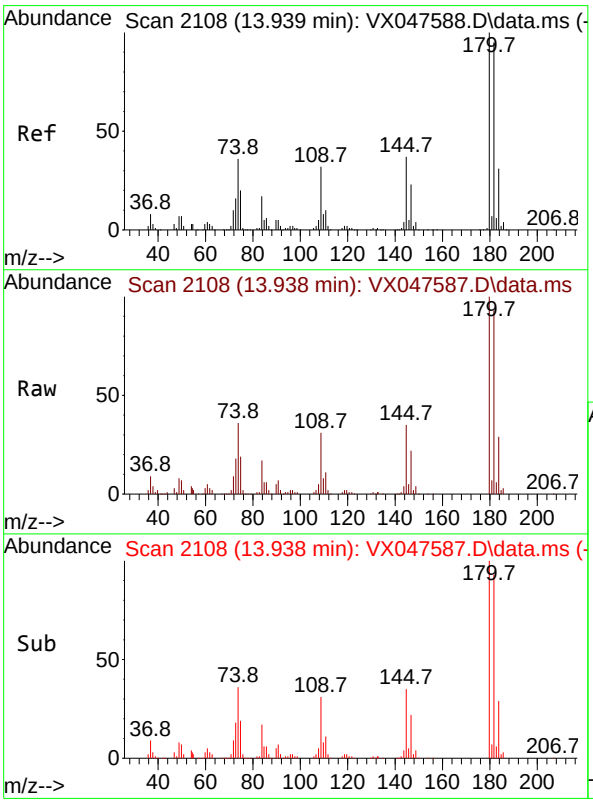
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.5	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

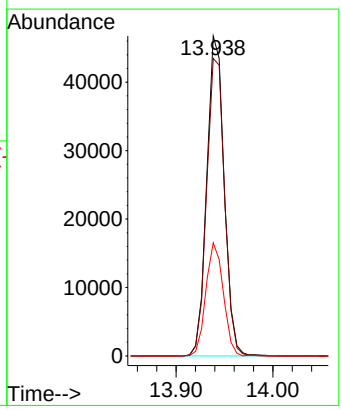
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#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



Quantitation Report (QT Reviewed)

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)
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

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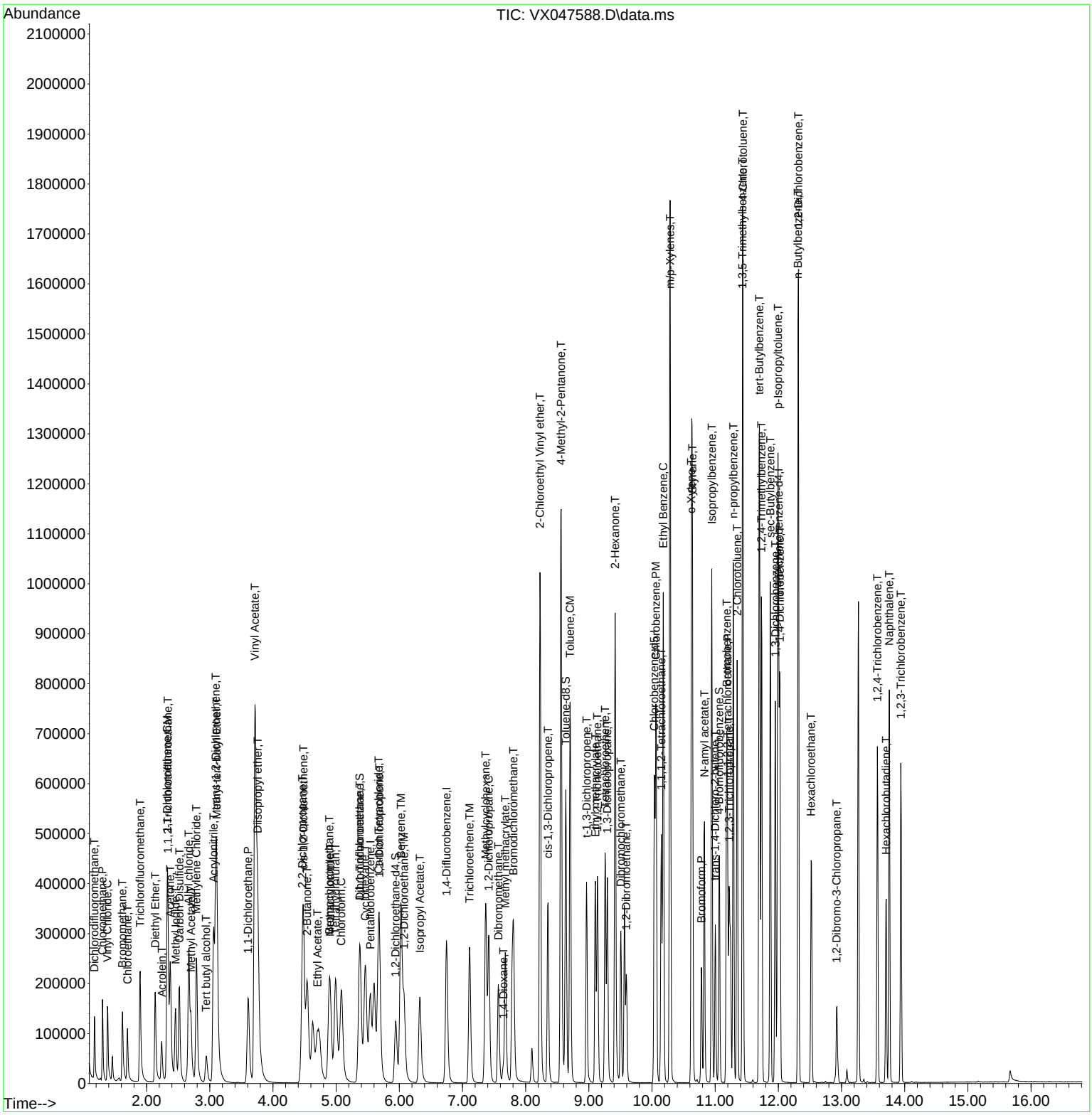
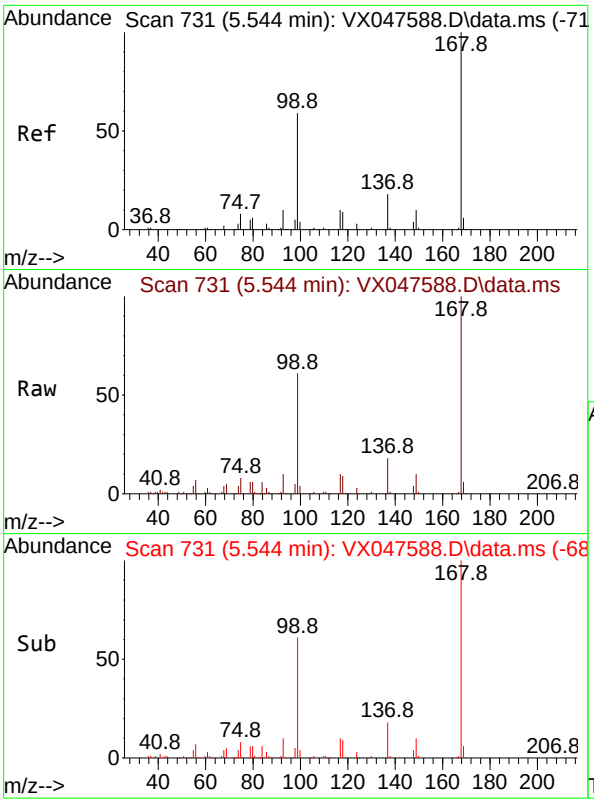
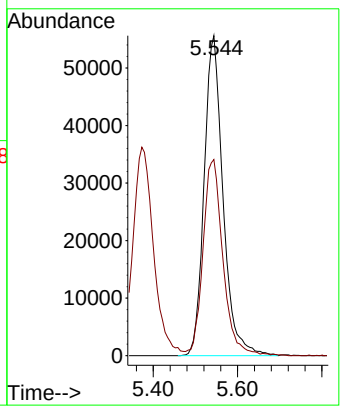




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

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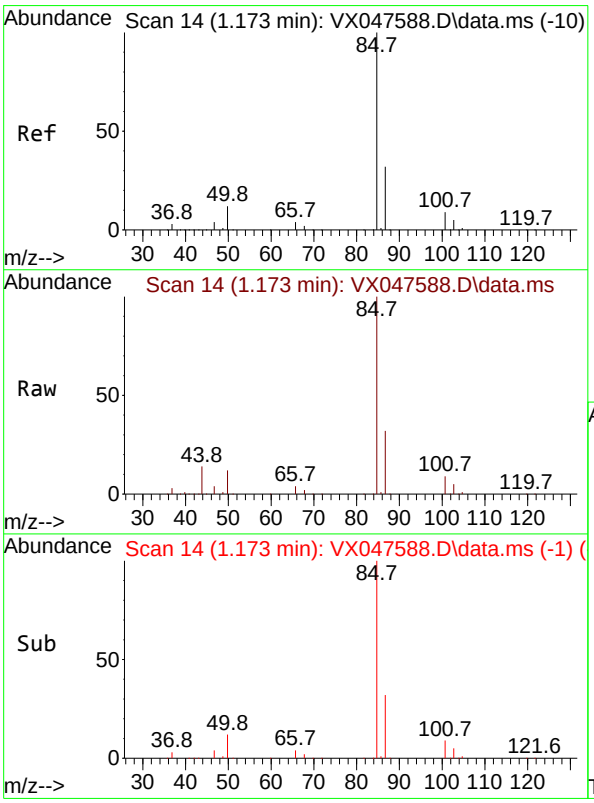
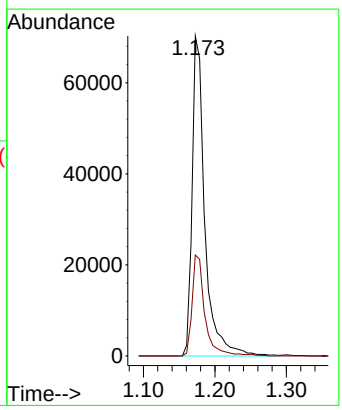
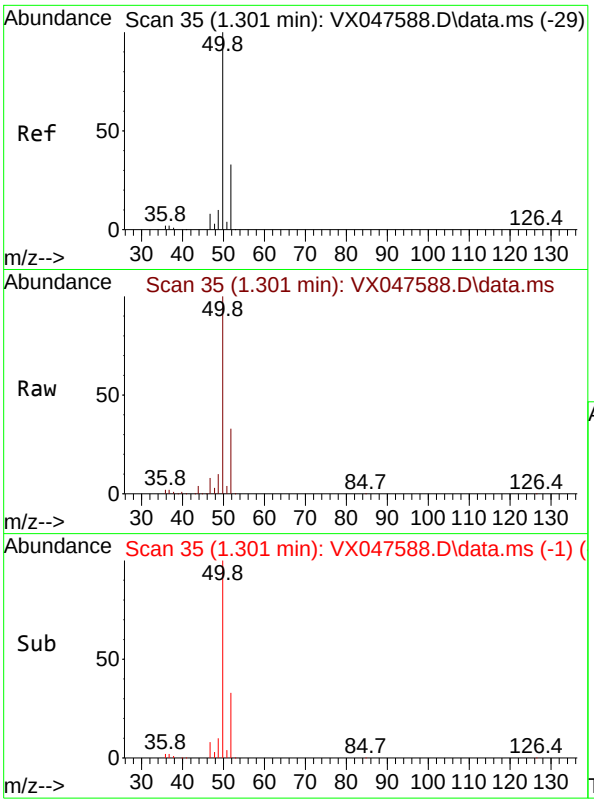


#2
Dichlorodifluoromethane
Concen: 48.352 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 85 Resp: 86824

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3

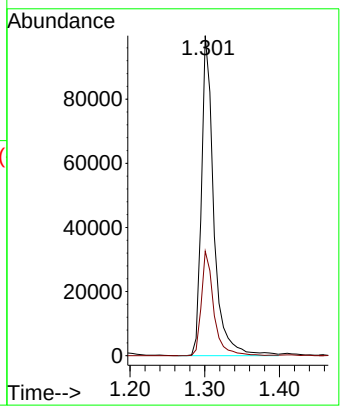




#3
Chloromethane
Concen: 48.594 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 50 Resp: 11468

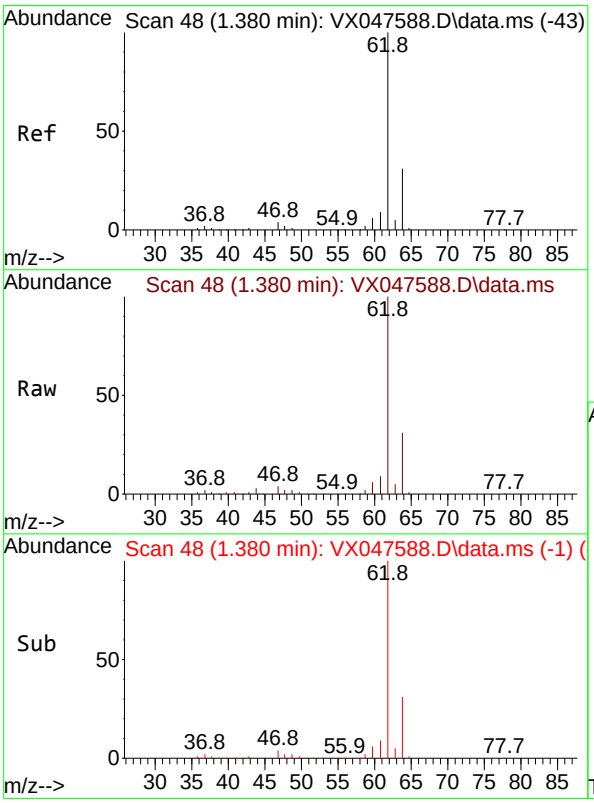
Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

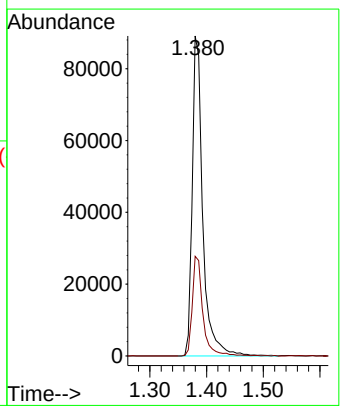
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

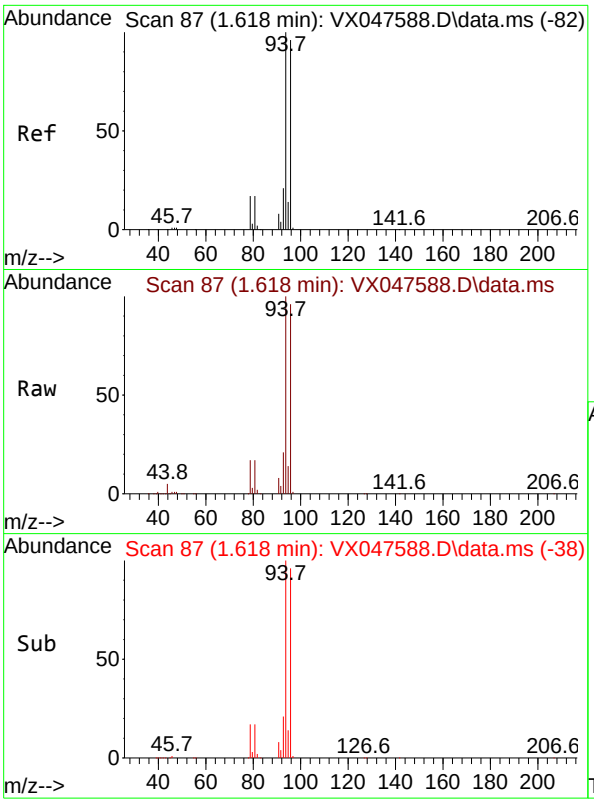


#4
Vinyl Chloride
Concen: 49.635 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 114666

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3

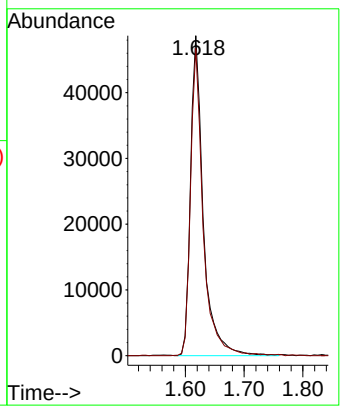




#5
Bromomethane
Concen: 50.216 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 94 Resp: 7356

Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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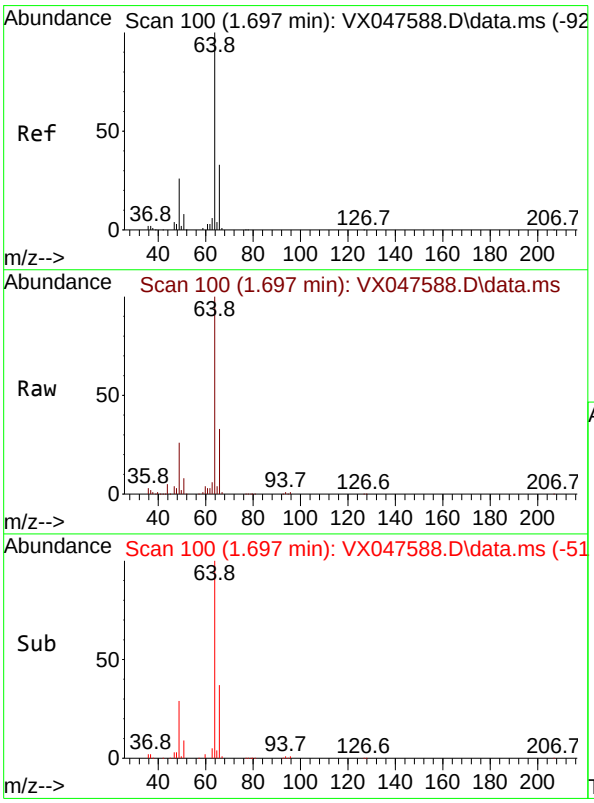
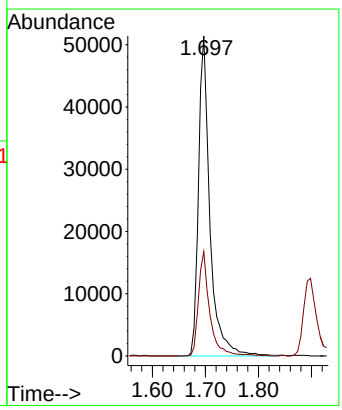
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

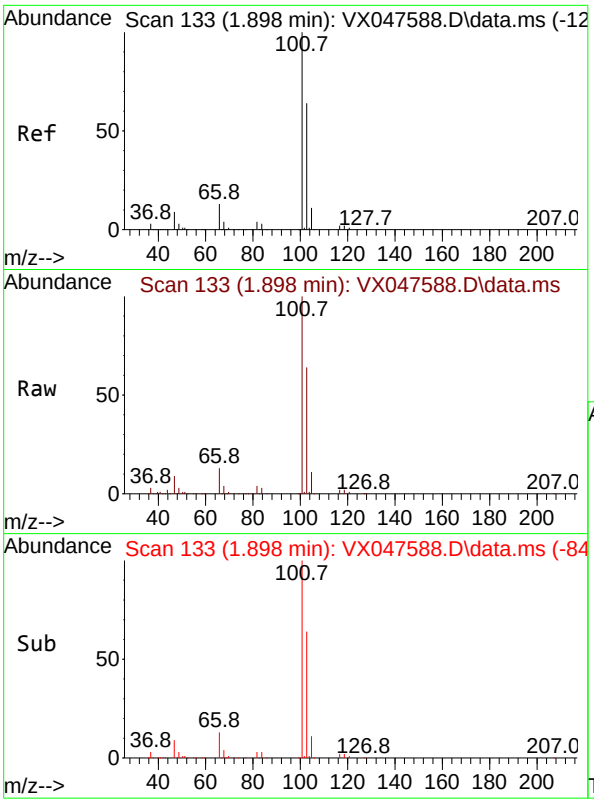


#6
Chloroethane
Concen: 49.698 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 64 Resp: 76736

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.1	39.1

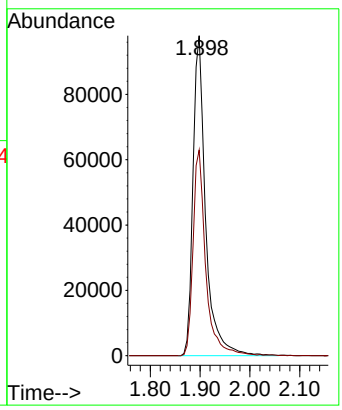




#7
Trichlorofluoromethane
Concen: 50.307 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:101 Resp: 17256

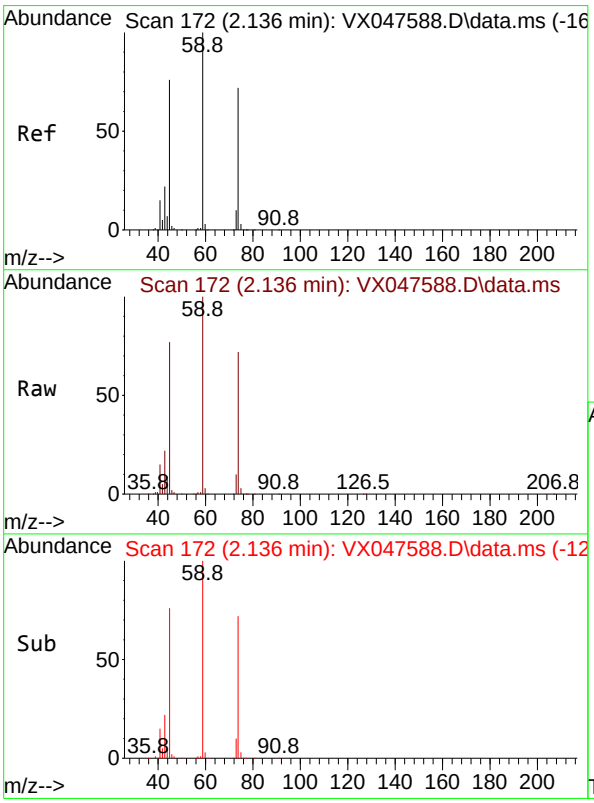
Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

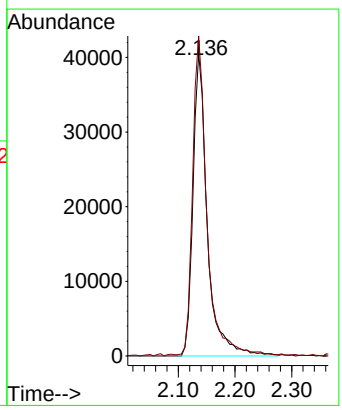
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

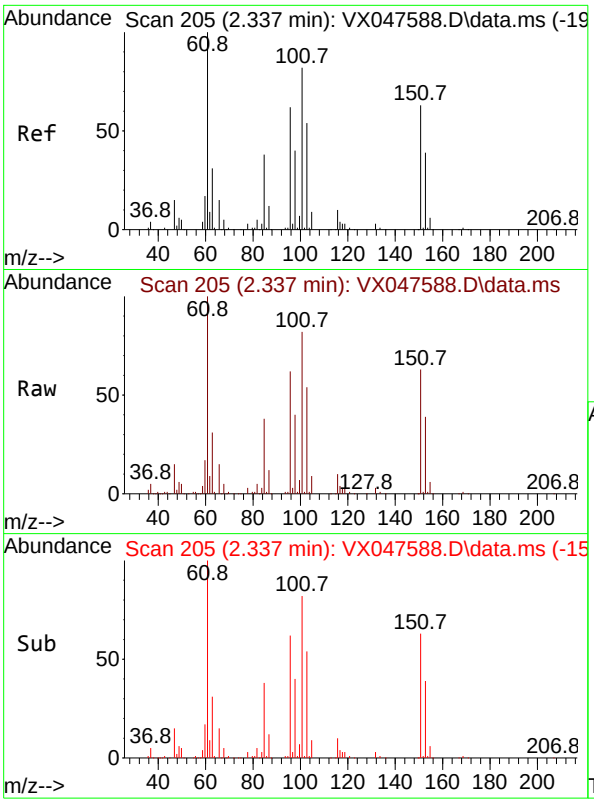


#8
Diethyl Ether
Concen: 50.510 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 74 Resp: 70874

Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	156.8

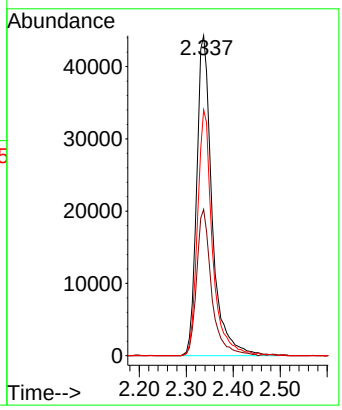




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.445 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:101 Resp: 10117

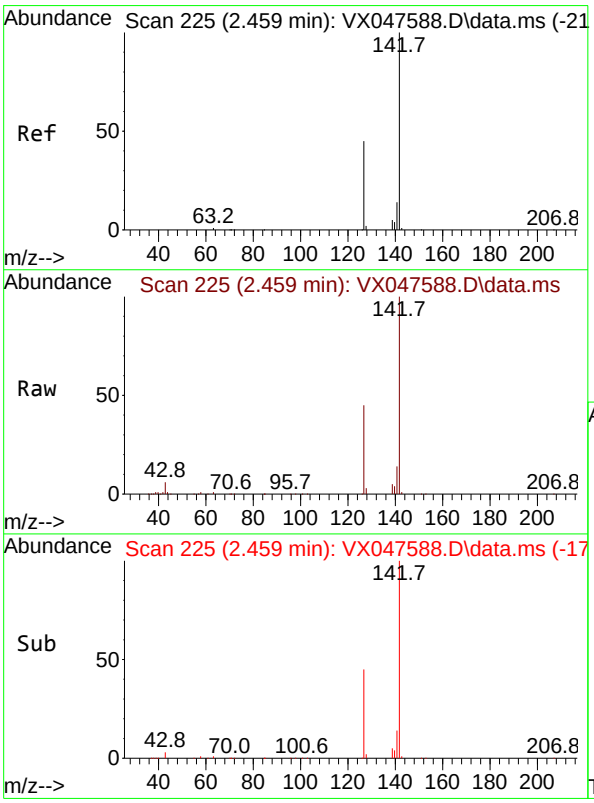
Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	74.2	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

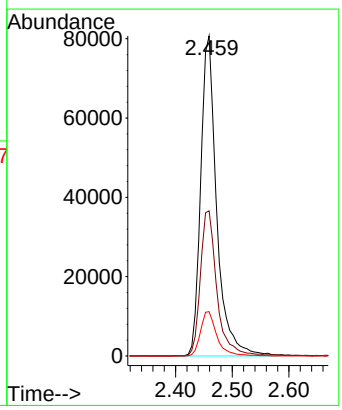
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

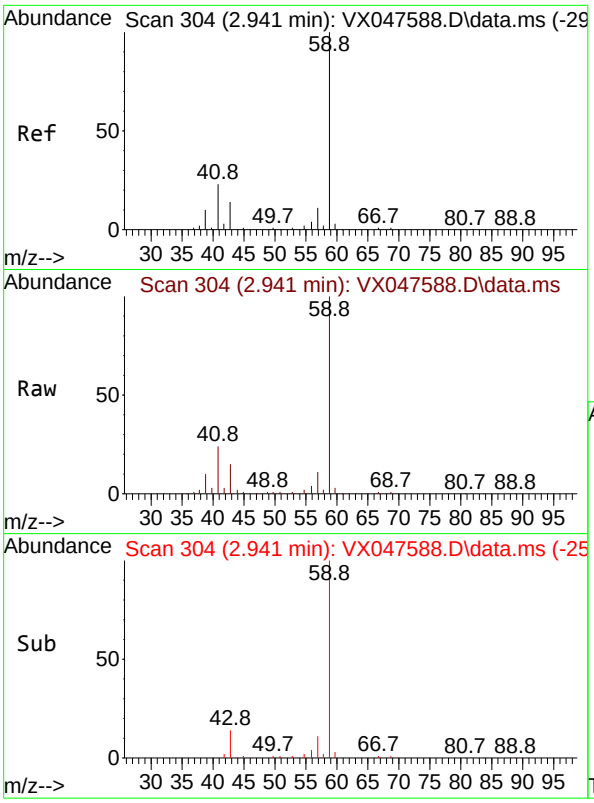


#10
Methyl Iodide
Concen: 50.525 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

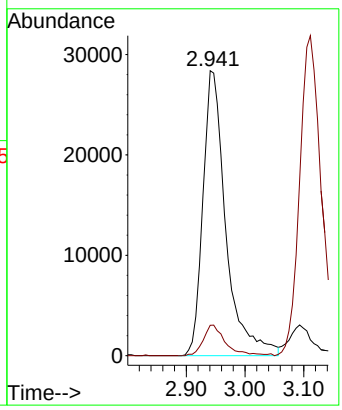




#11
Tert butyl alcohol
Concen: 251.232 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 59 Resp: 7723

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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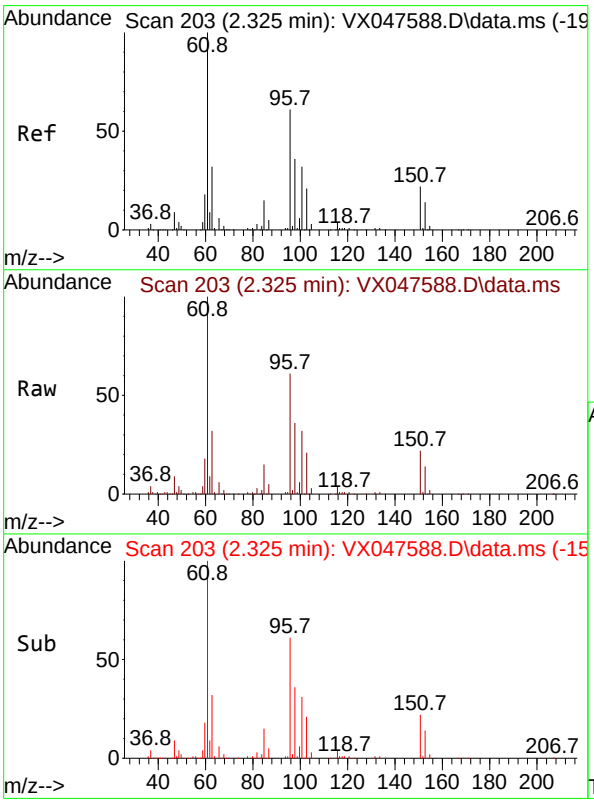
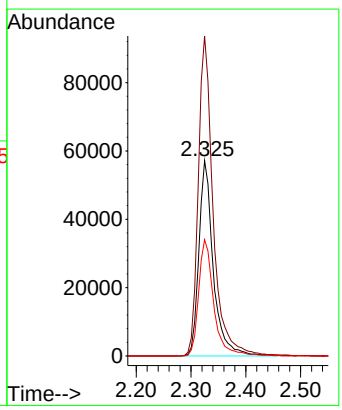
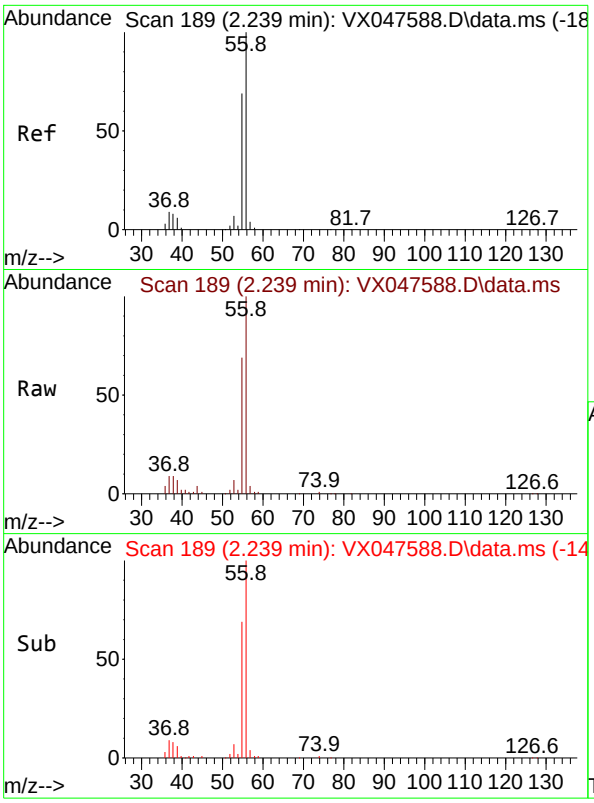


#12
1,1-Dichloroethene
Concen: 50.831 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

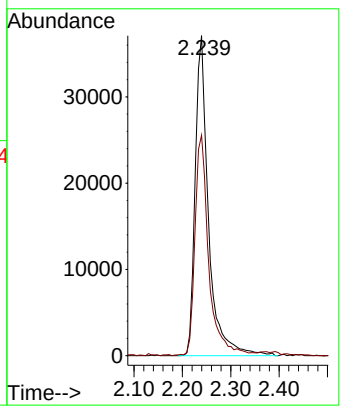




#13
Acrolein
Concen: 249.645 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 56 Resp: 7072

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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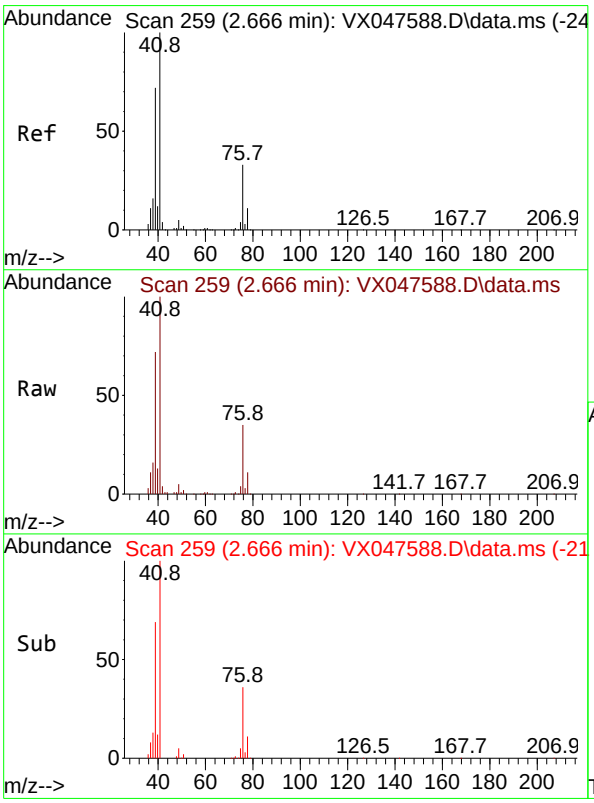
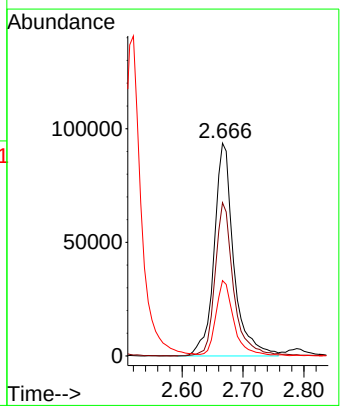
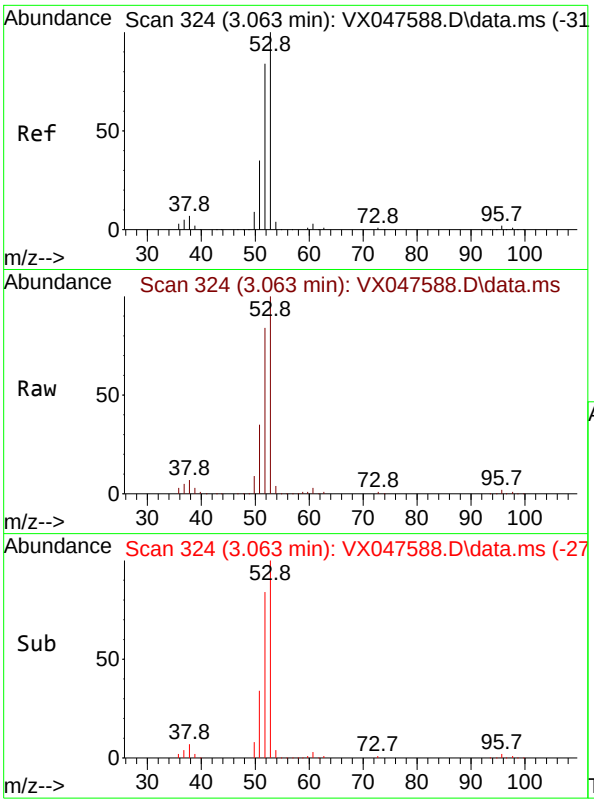


#14
Allyl chloride
Concen: 49.396 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

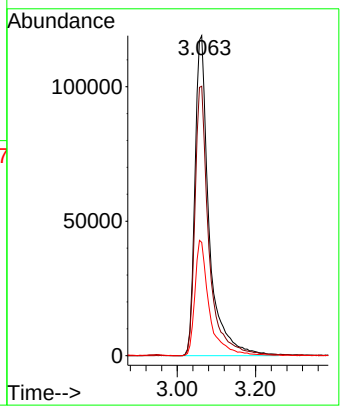




#15
Acrylonitrile
Concen: 264.027 ug/l
RT: 3.063 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

Manual Integrations APPROVED

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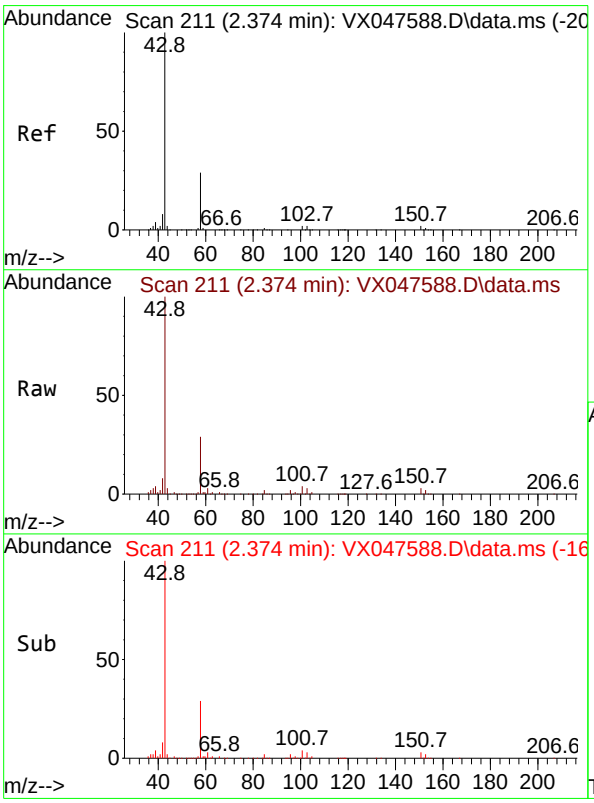
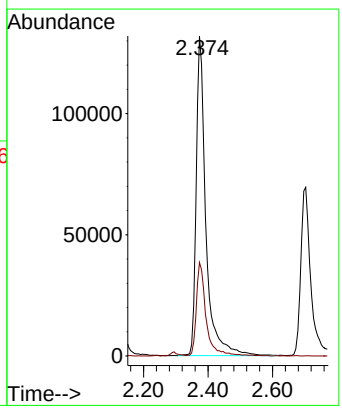
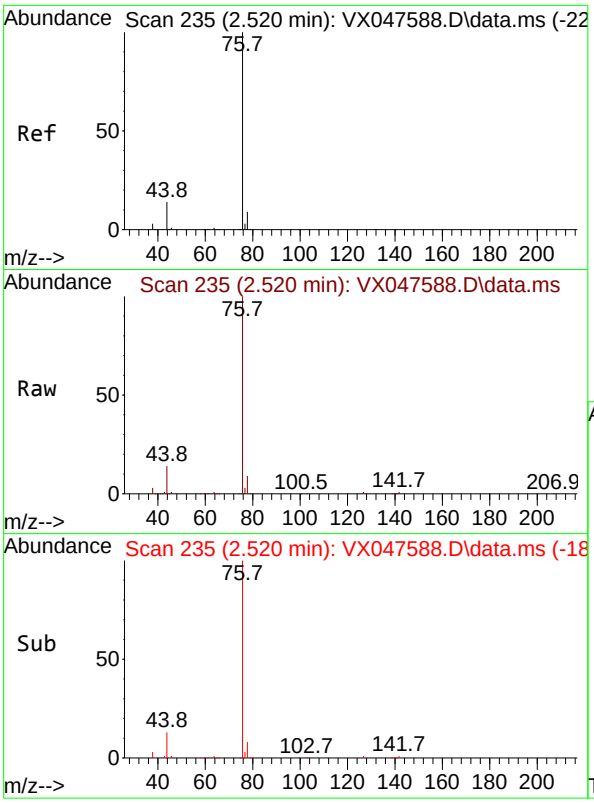


#16
Acetone
Concen: 229.193 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 275065

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.0

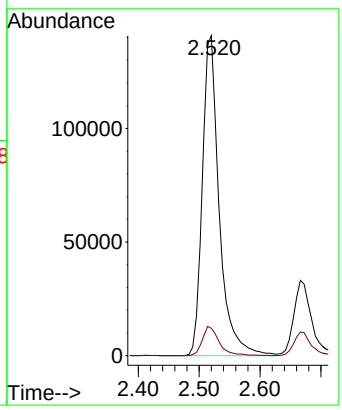




#17
Carbon Disulfide
Concen: 48.133 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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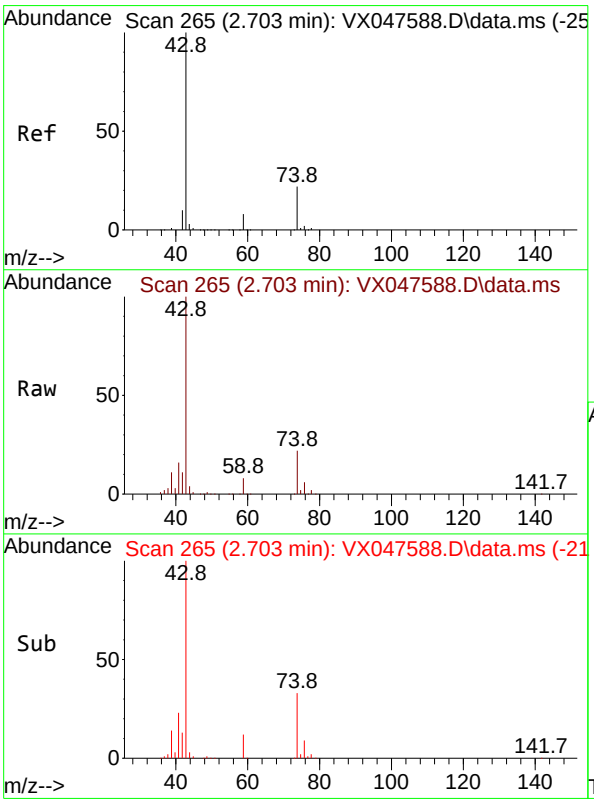
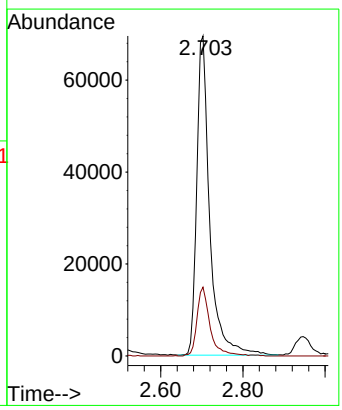
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

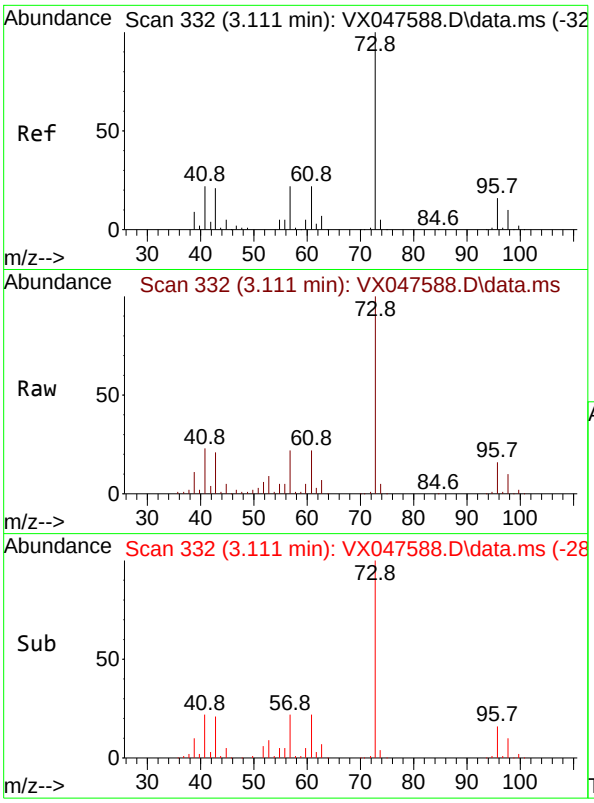


#18
Methyl Acetate
Concen: 56.897 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 151968

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

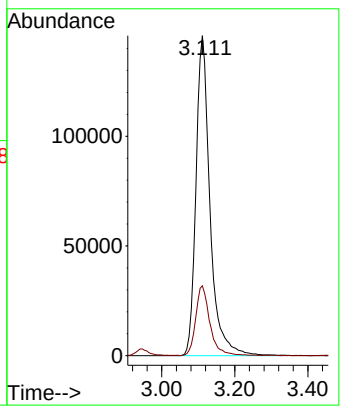




#19
Methyl tert-butyl Ether
Concen: 51.804 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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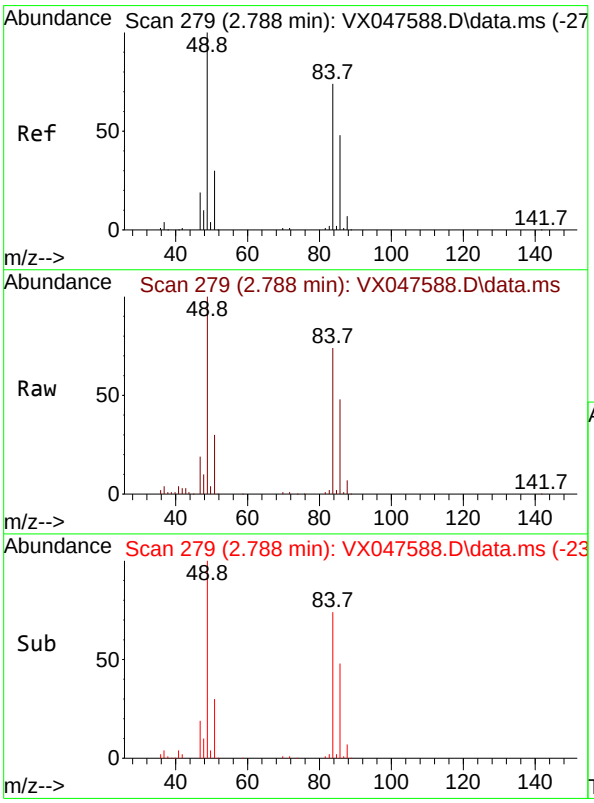
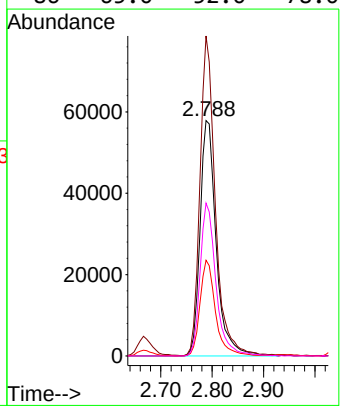
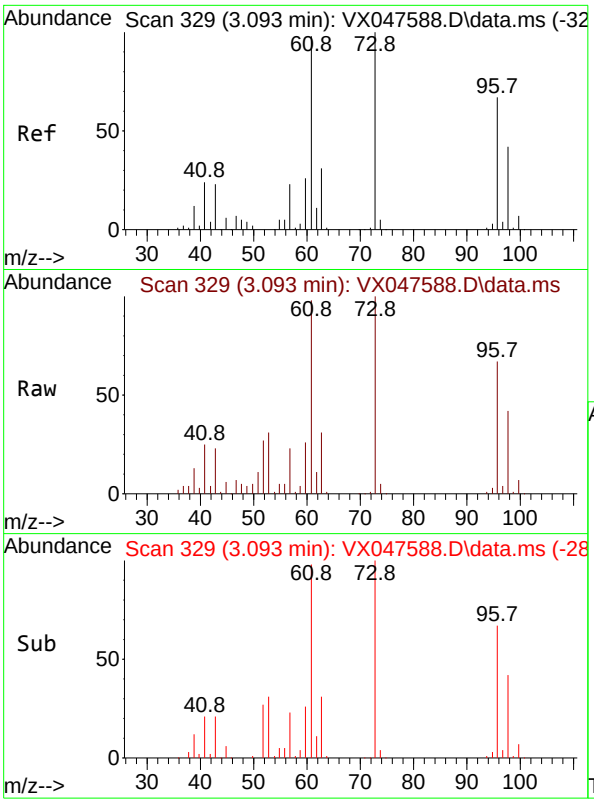


#20
Methylene Chloride
Concen: 49.798 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

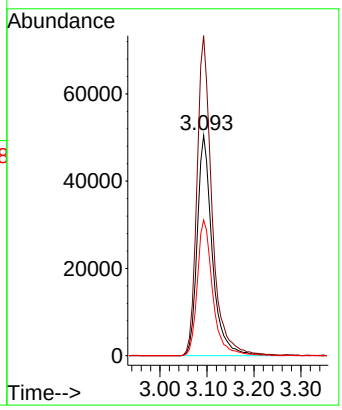




#21
trans-1,2-Dichloroethene
Concen: 50.743 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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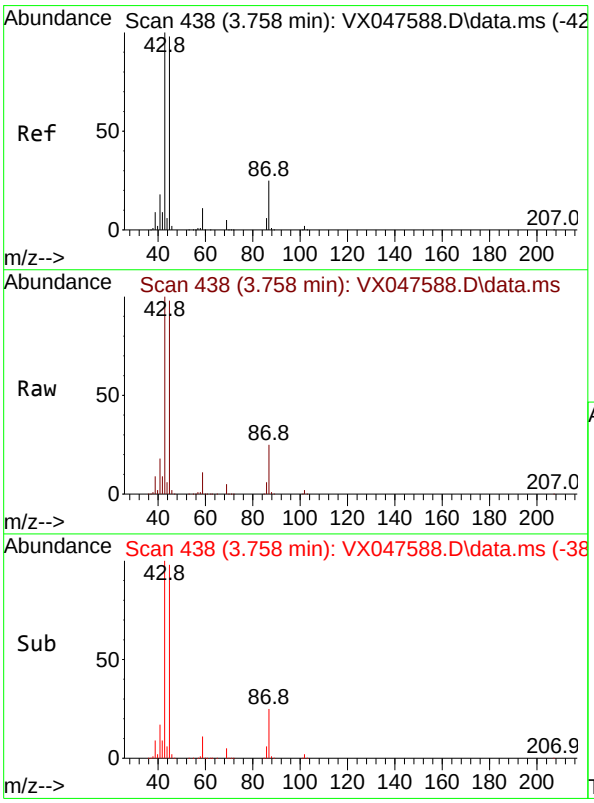
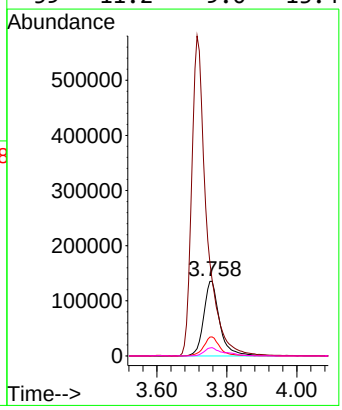
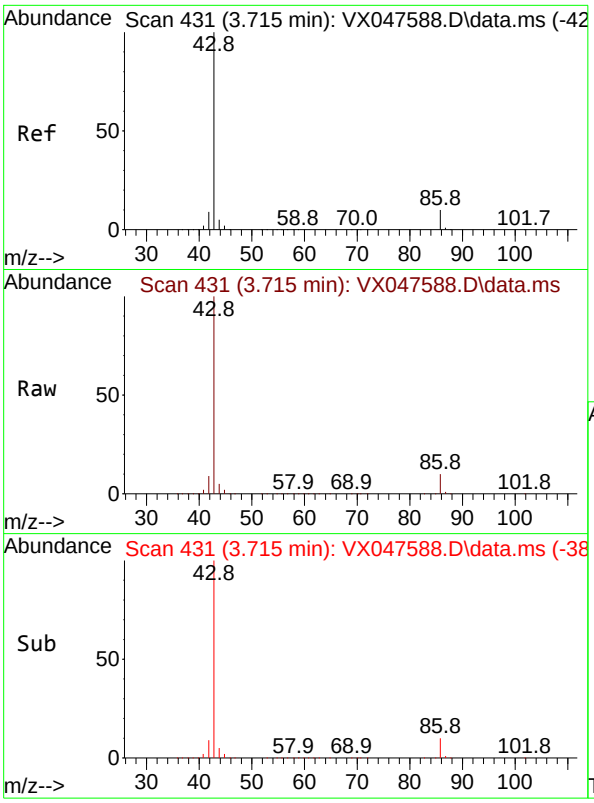


#22
Diisopropyl ether
Concen: 52.131 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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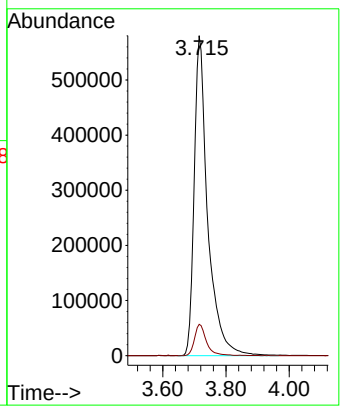
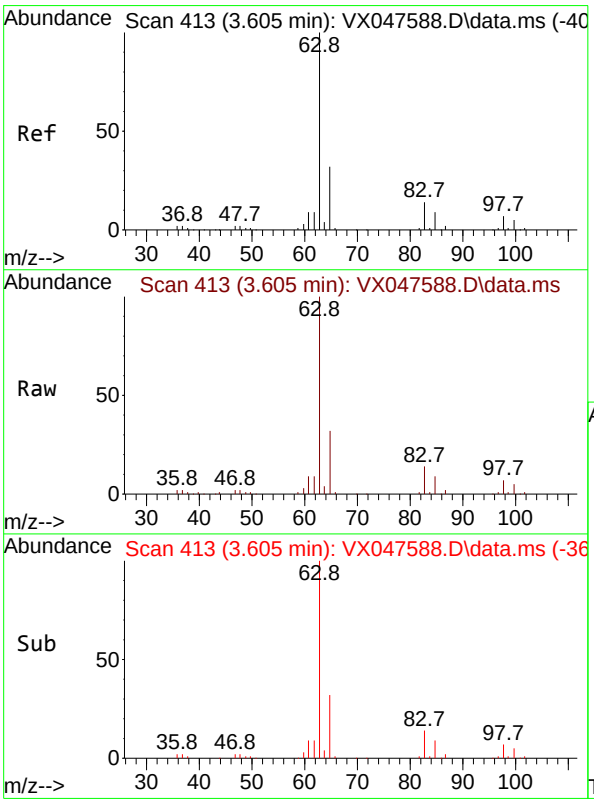
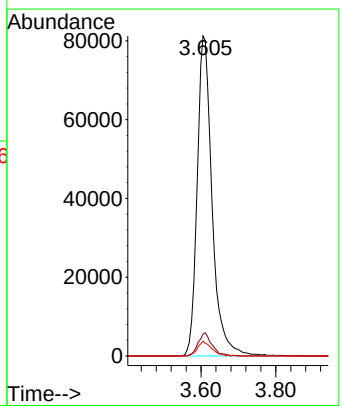


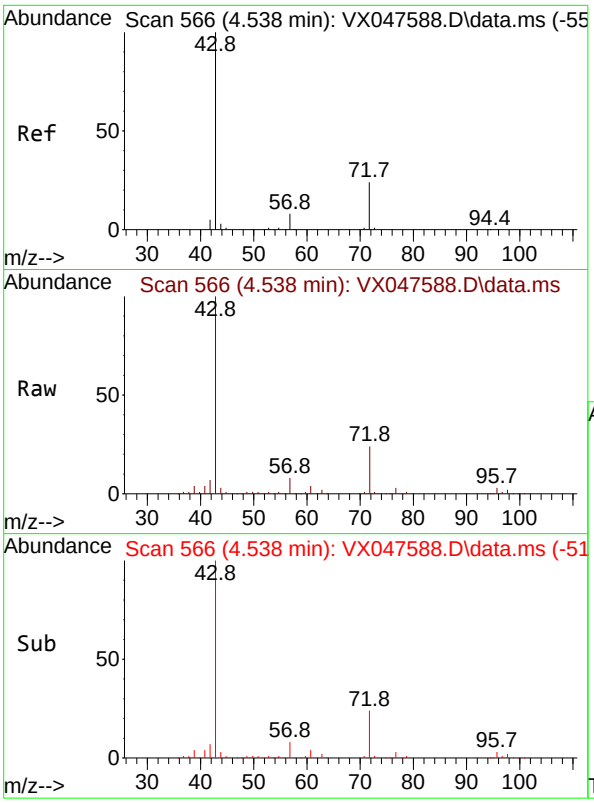


#24
1,1-Dichloroethane
Concen: 51.338 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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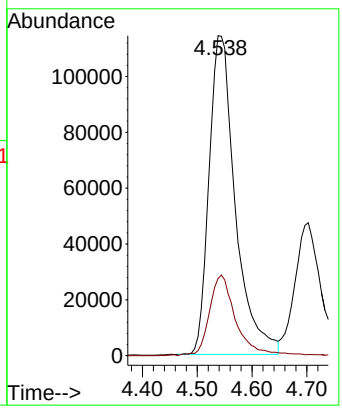
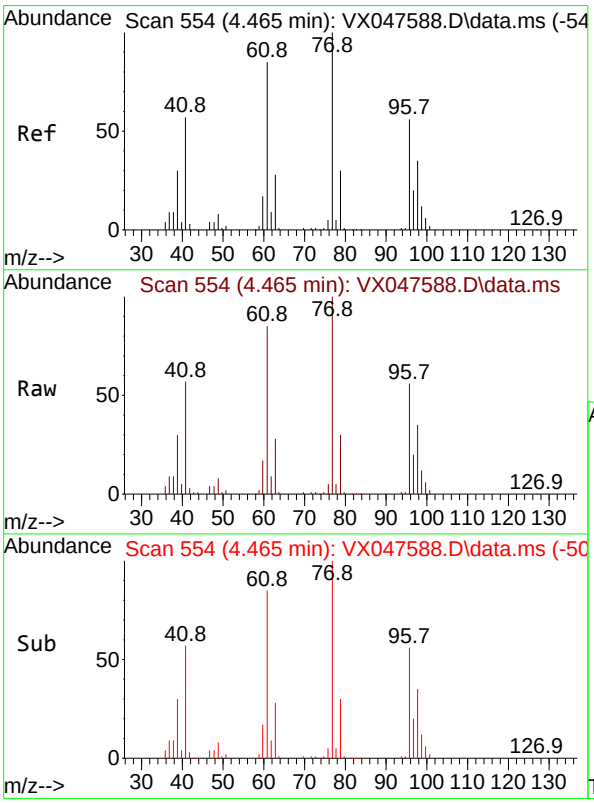
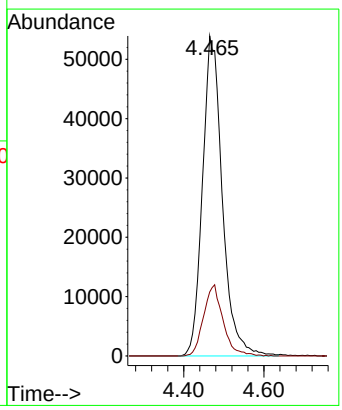


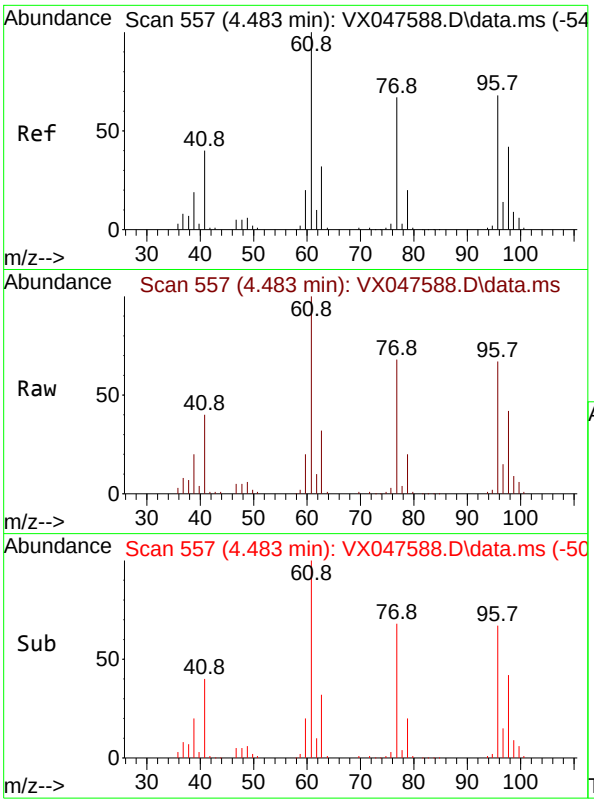


#26
2,2-Dichloropropane
Concen: 50.888 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 77 Resp: 185247

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7

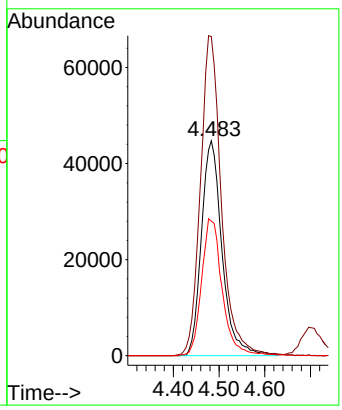




#27
cis-1,2-Dichloroethene
Concen: 51.576 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

Manual Integrations
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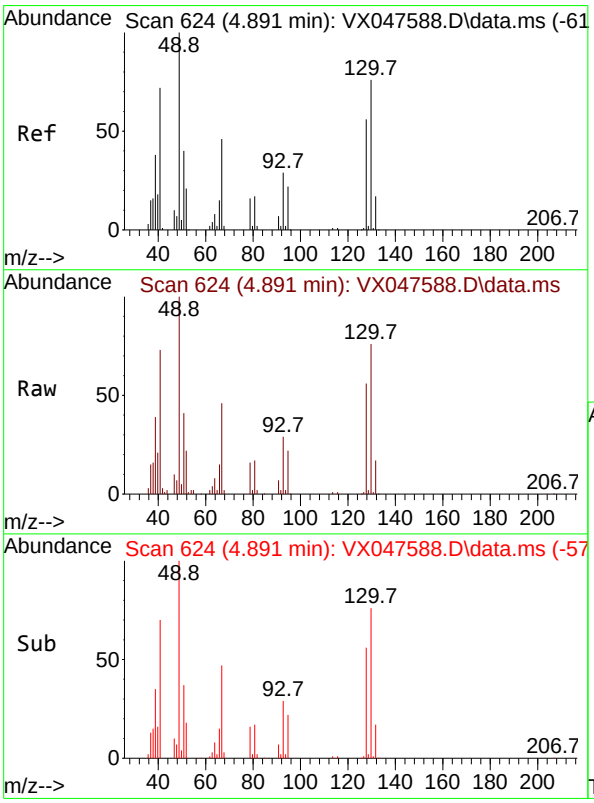
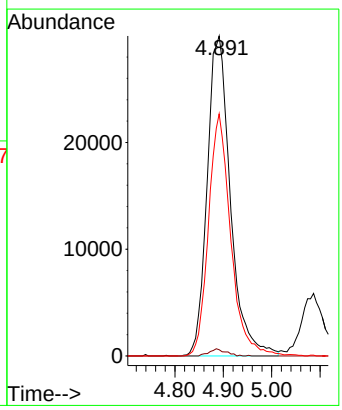
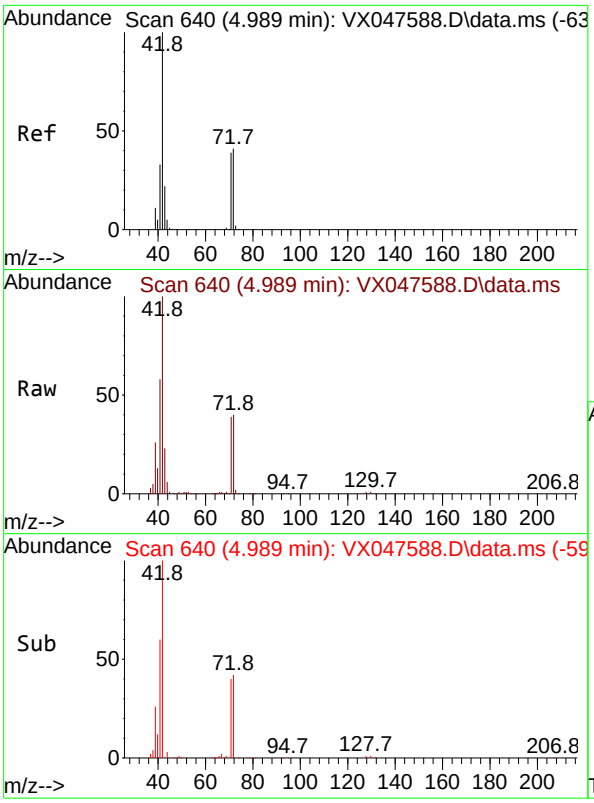


#28
Bromochloromethane
Concen: 52.301 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

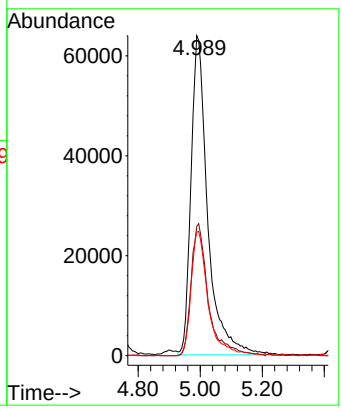




#29
Tetrahydrofuran
Concen: 265.026 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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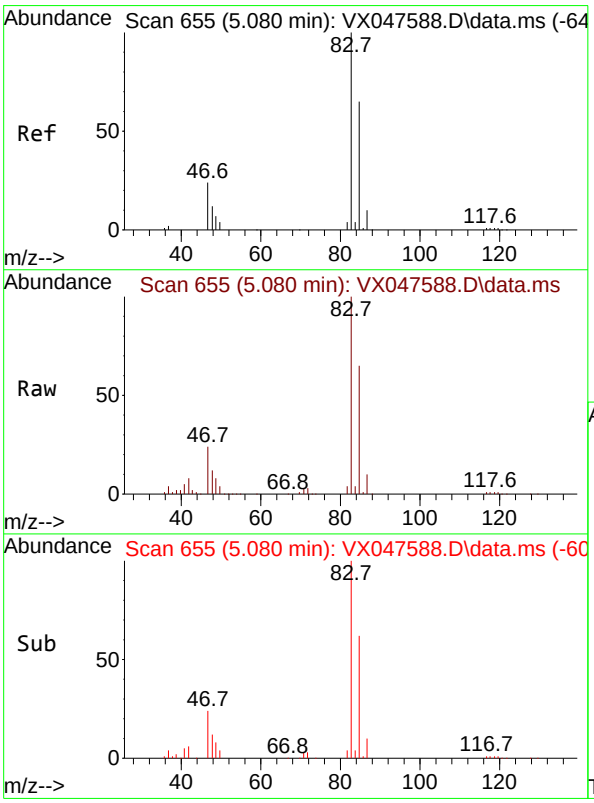
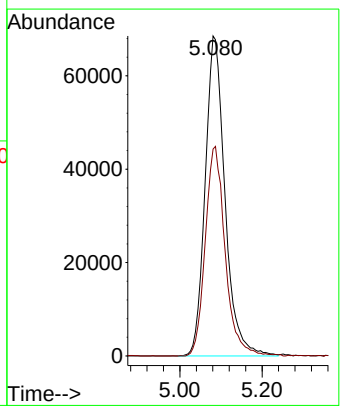
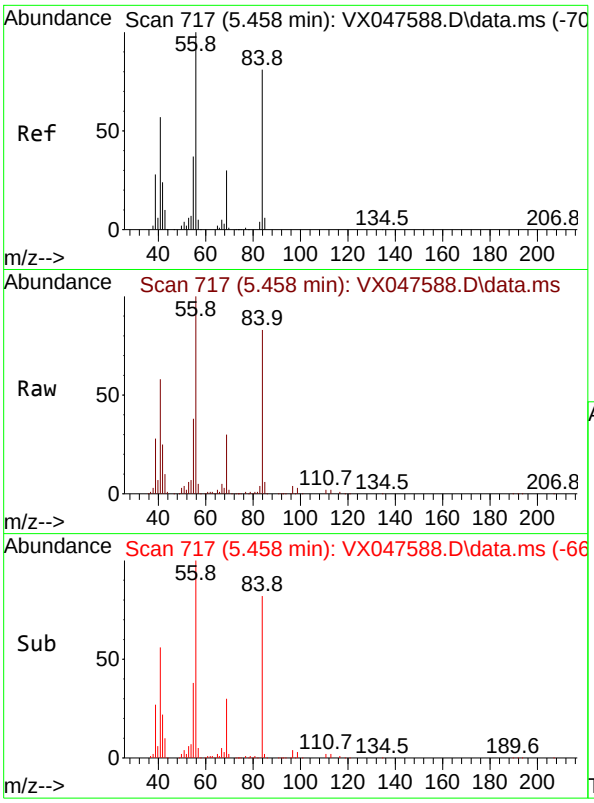


#30
Chloroform
Concen: 51.844 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 229430

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6

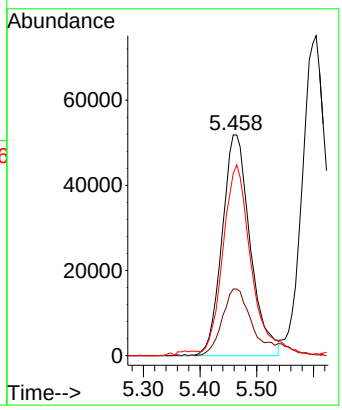




#31
Cyclohexane
Concen: 48.952 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

Manual Integrations
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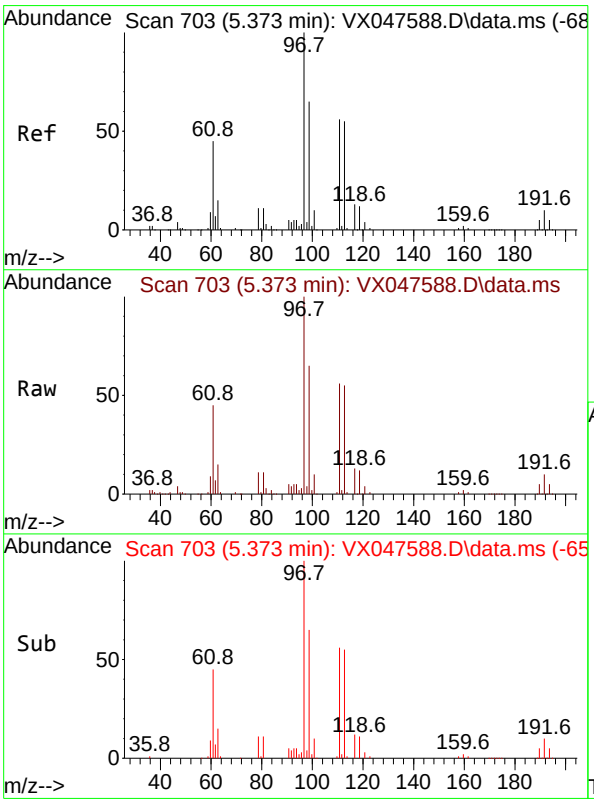
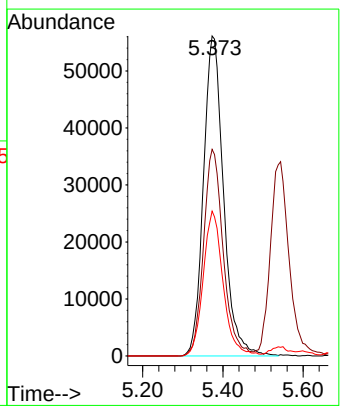
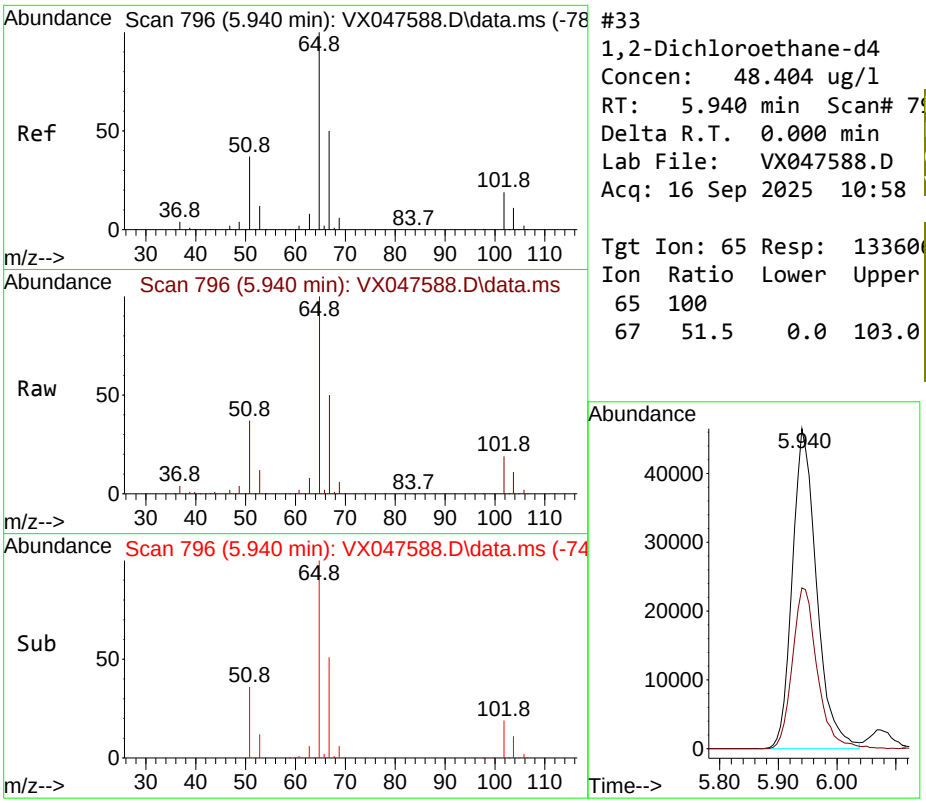


#32
1,1,1-Trichloroethane
Concen: 52.058 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

Manual Integrations APPROVED

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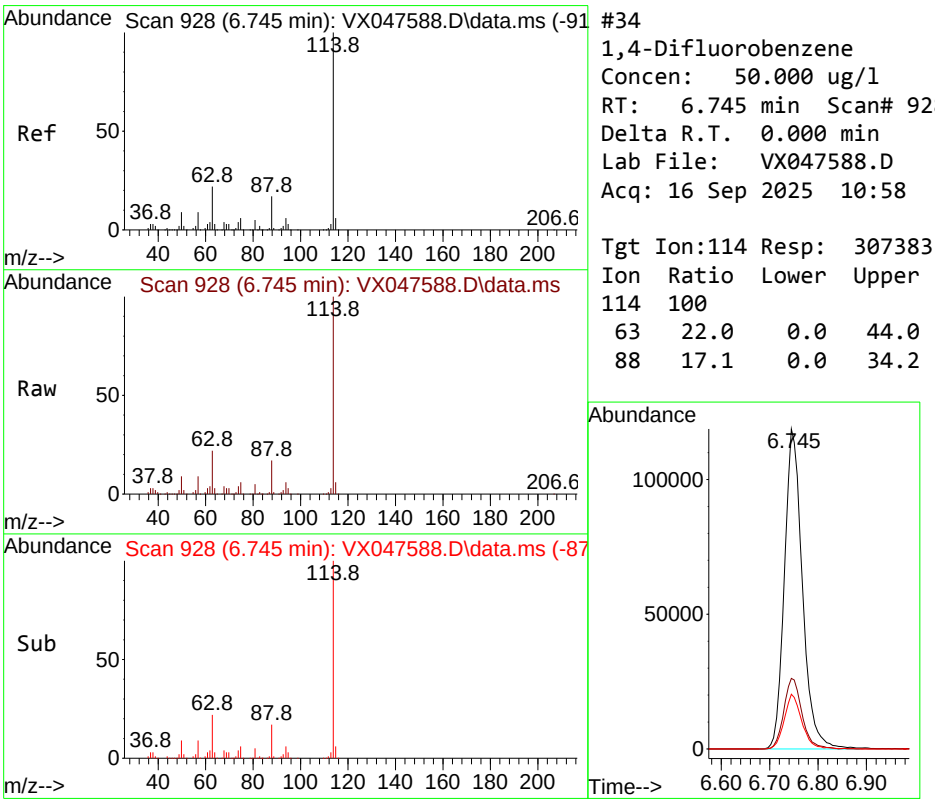
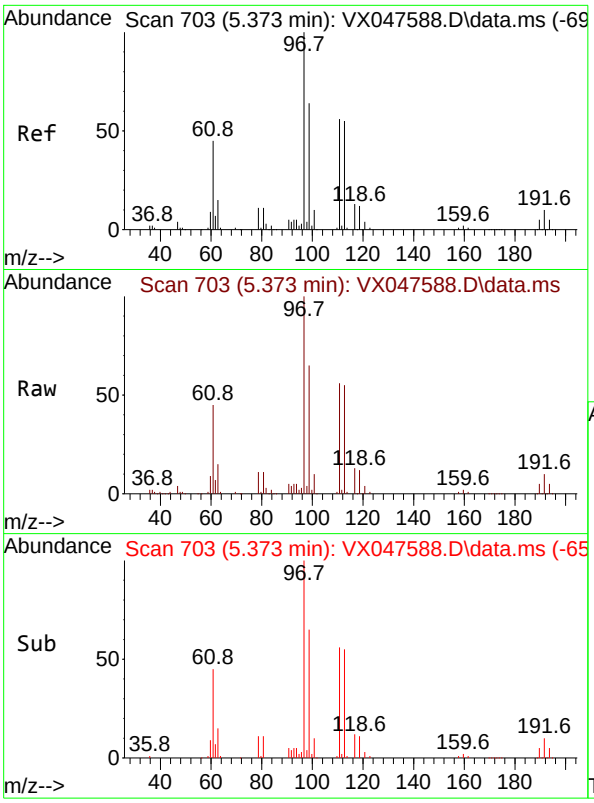


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:114 Resp: 307383

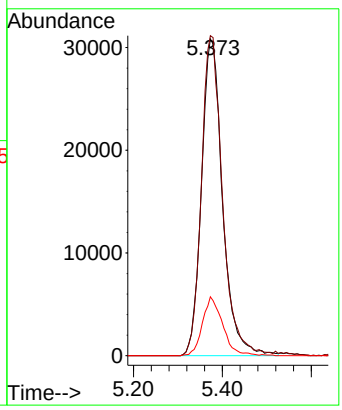
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	17.1	0.0	34.2



#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

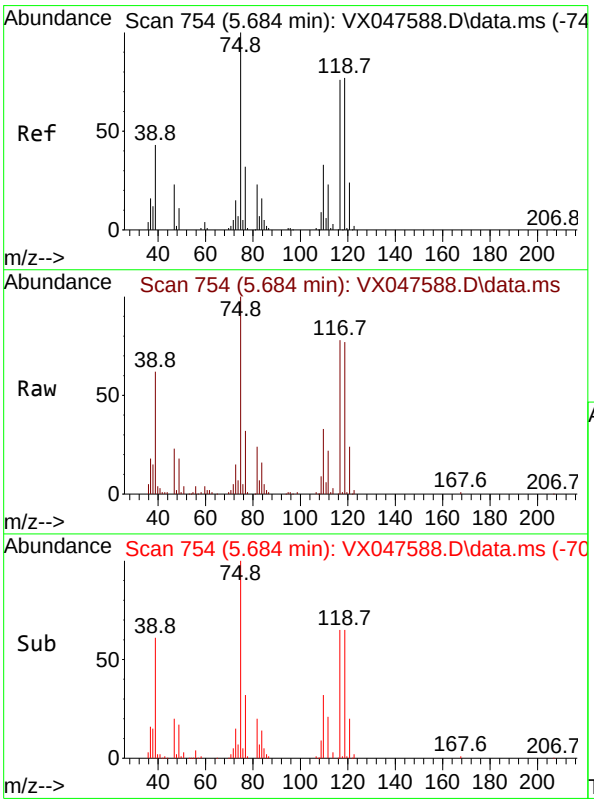
Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.9	121.3
192	17.8	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

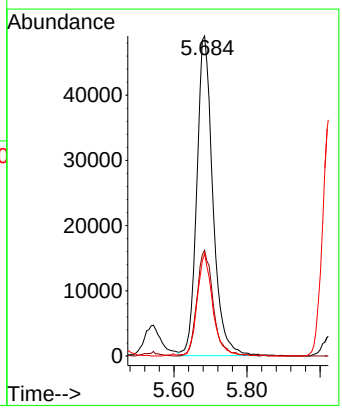
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

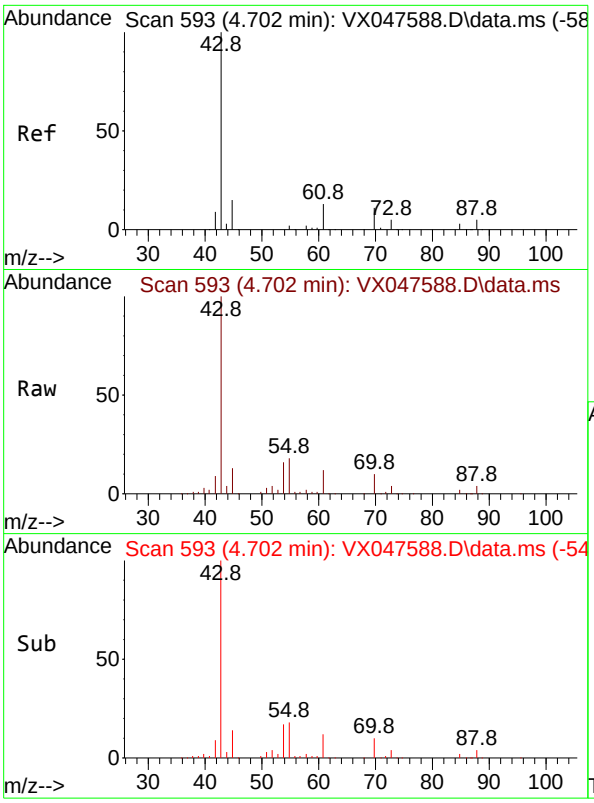


#36
1,1-Dichloropropene
Concen: 49.729 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

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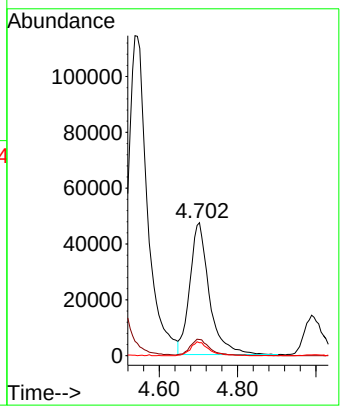
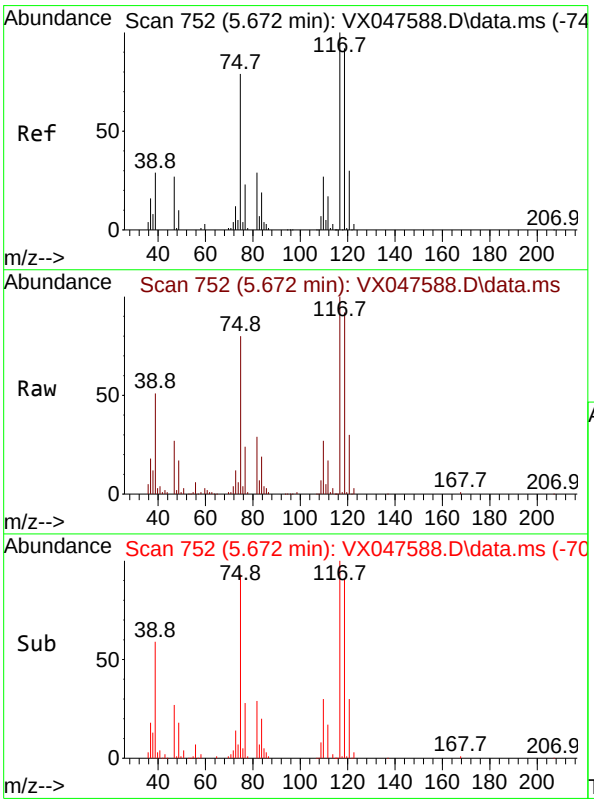
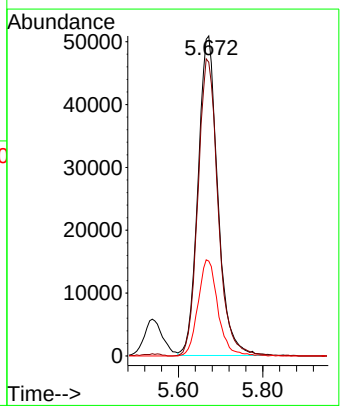


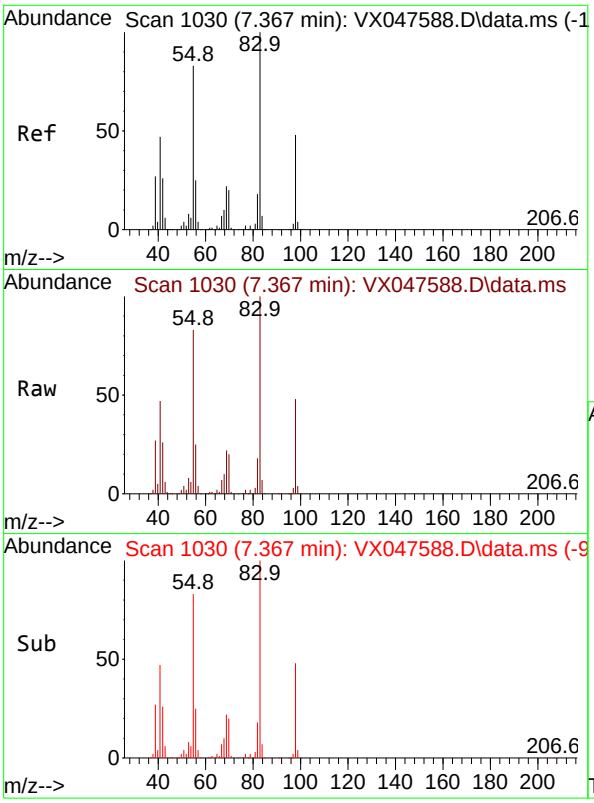


#38
Carbon Tetrachloride
Concen: 50.637 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

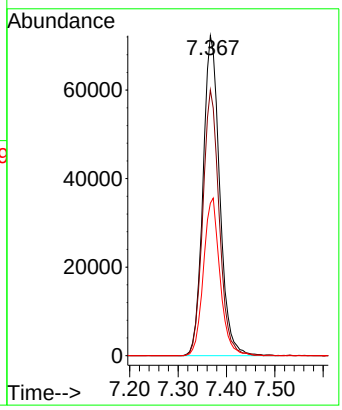




#39
Methylcyclohexane
Concen: 50.773 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



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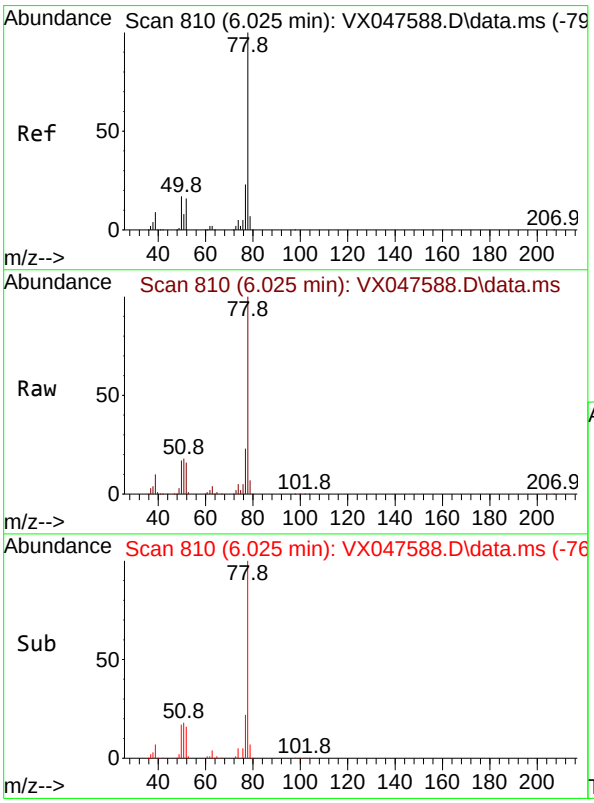
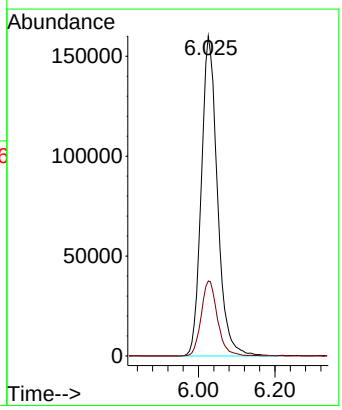
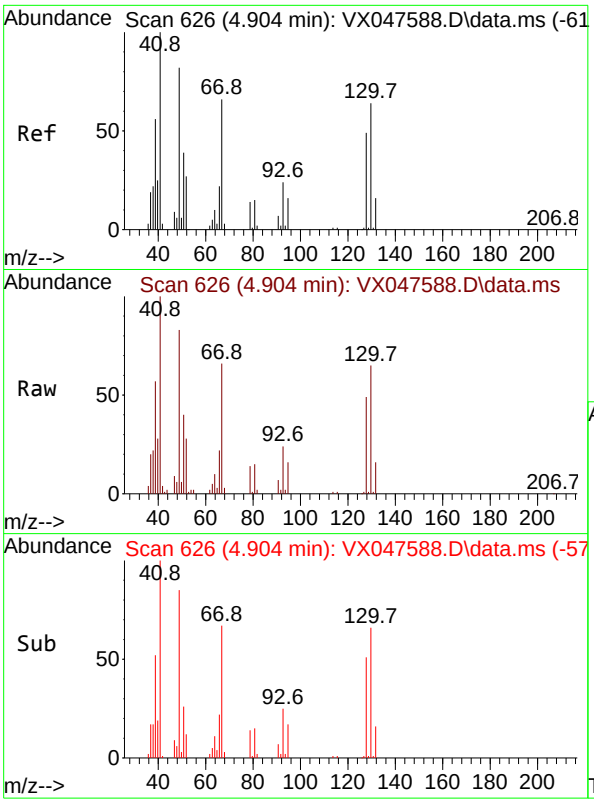


#40
Benzene
Concen: 51.167 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 78 Resp: 468136

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

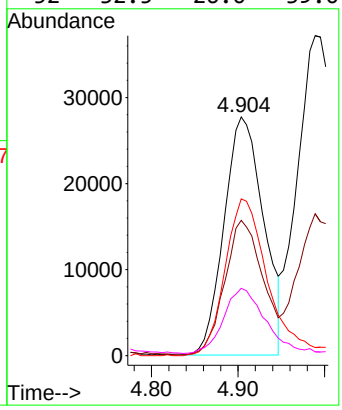




#41
Methacrylonitrile
Concen: 52.707 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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 :
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ClientSampleId :
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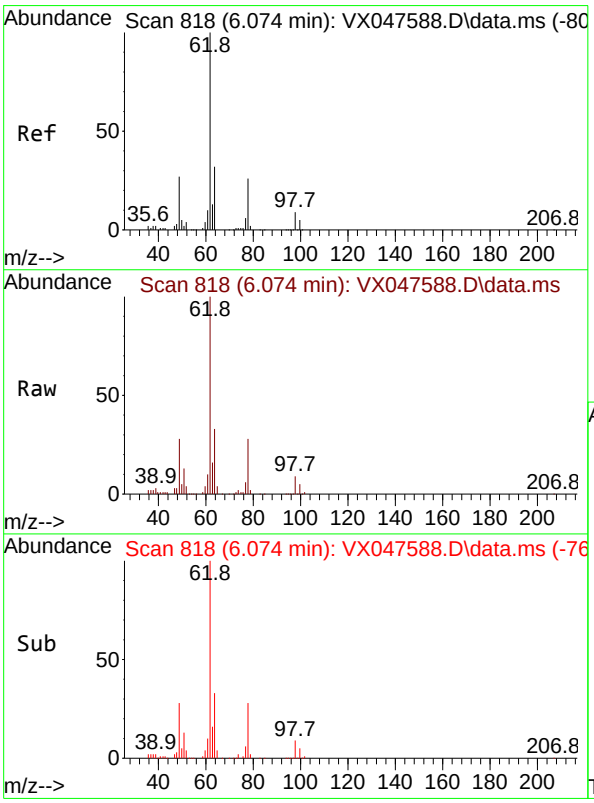
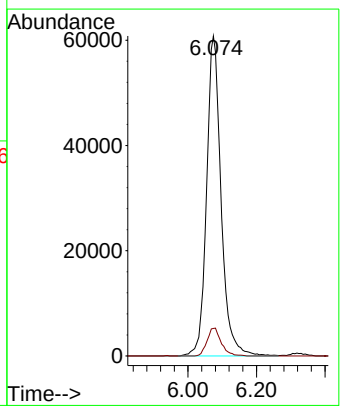
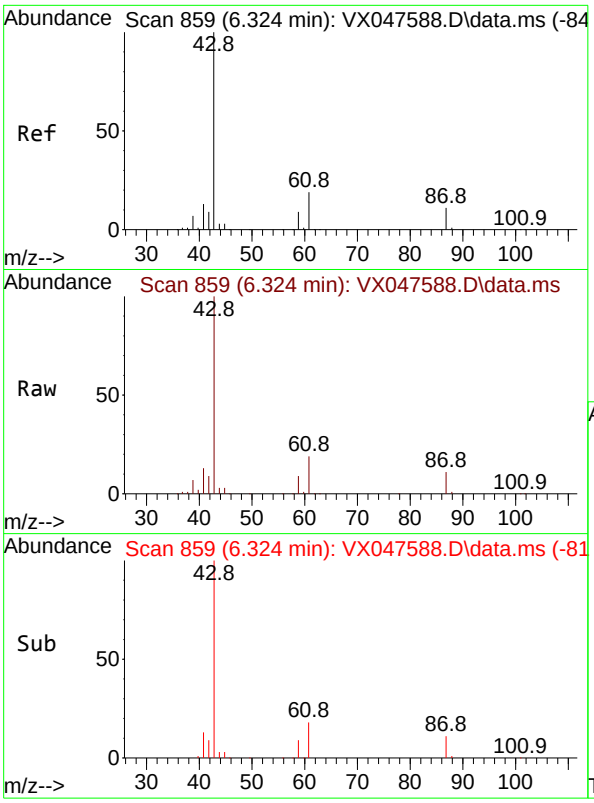


#42
1,2-Dichloroethane
Concen: 51.431 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 179037

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0

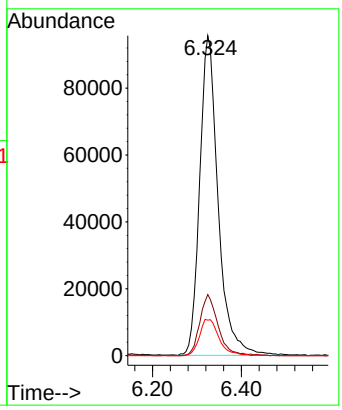




#43
Isopropyl Acetate
Concen: 52.096 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



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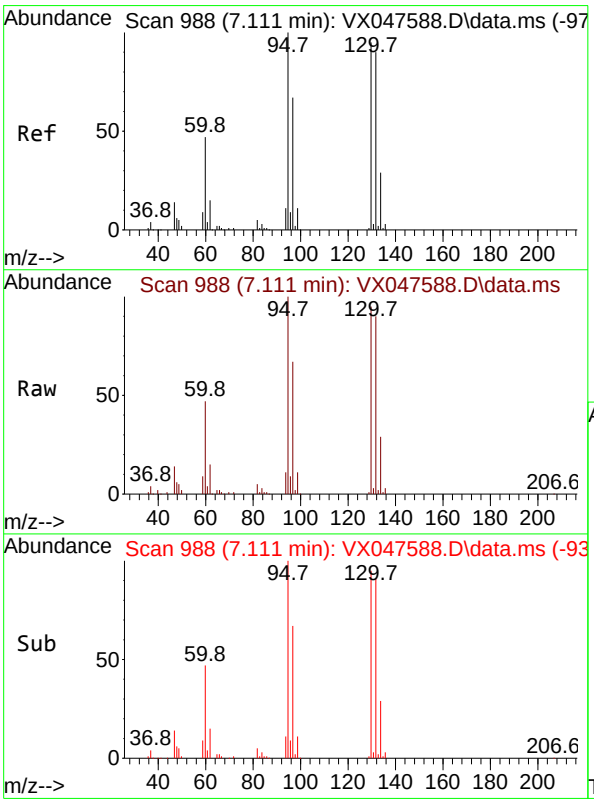
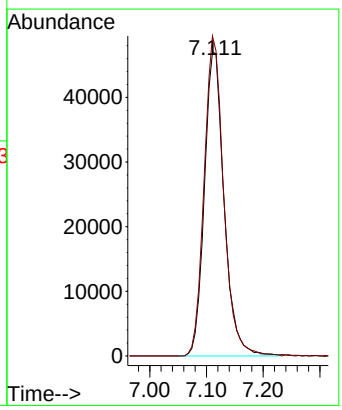
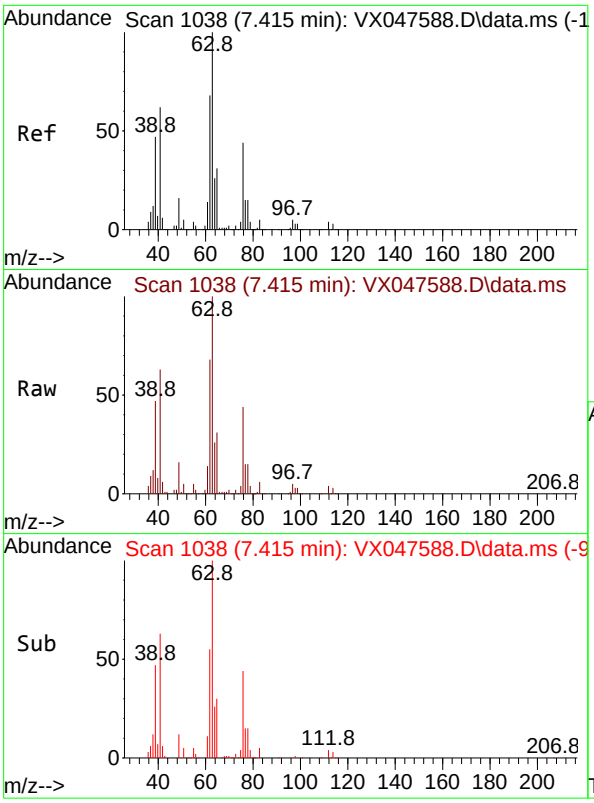


#44
Trichloroethene
Concen: 51.463 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:130 Resp: 113832

Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	210.8

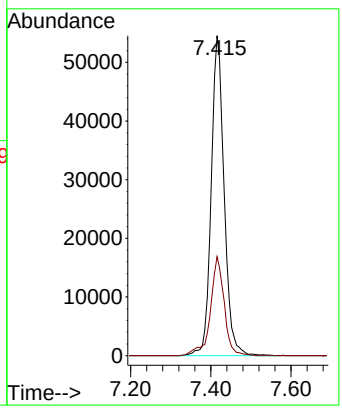




#45
1,2-Dichloropropane
Concen: 52.122 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 12210

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
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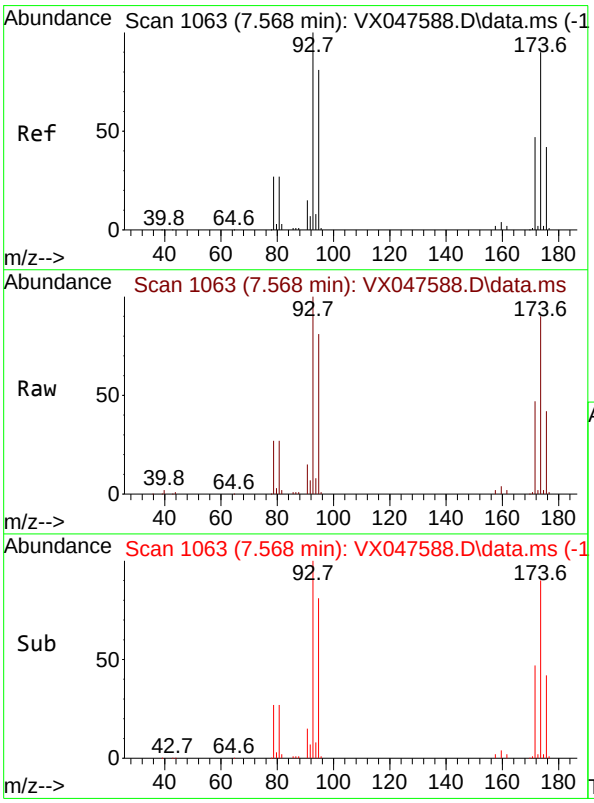
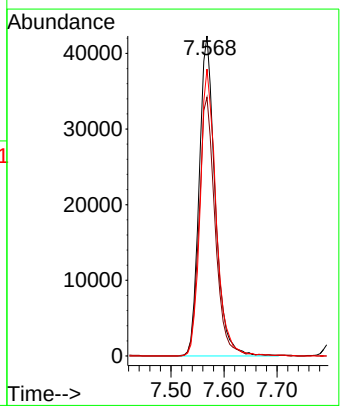
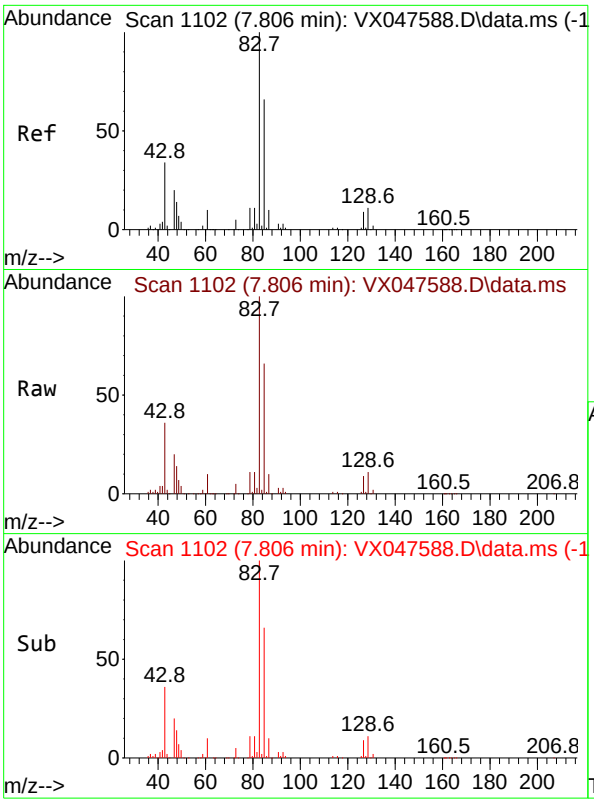


#46
Dibromomethane
Concen: 51.914 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

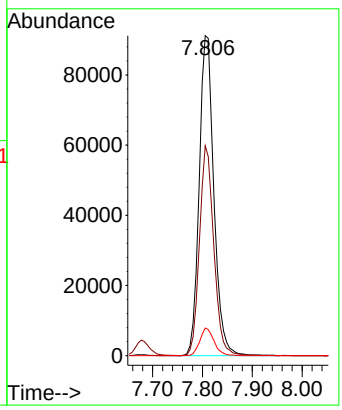




#47
Bromodichloromethane
Concen: 53.025 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



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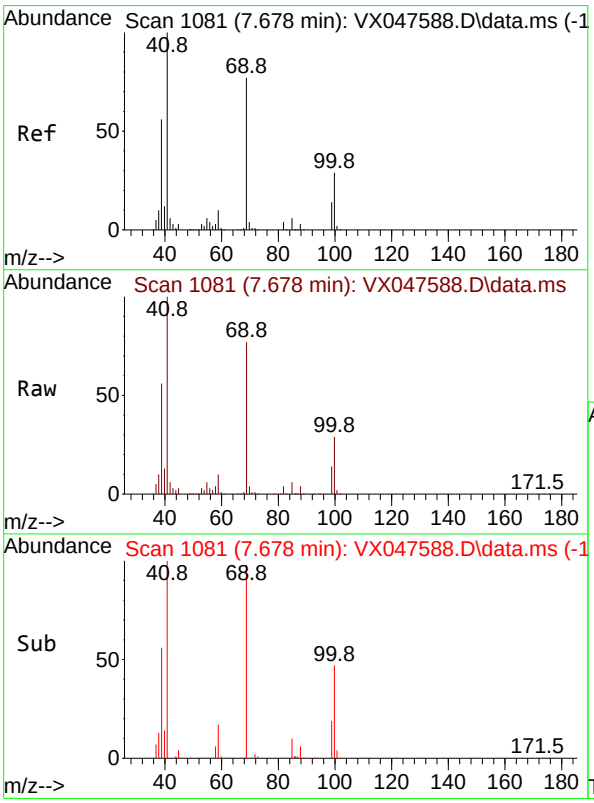
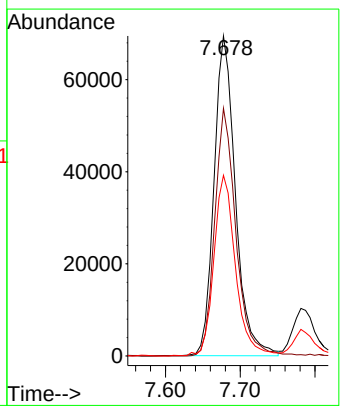
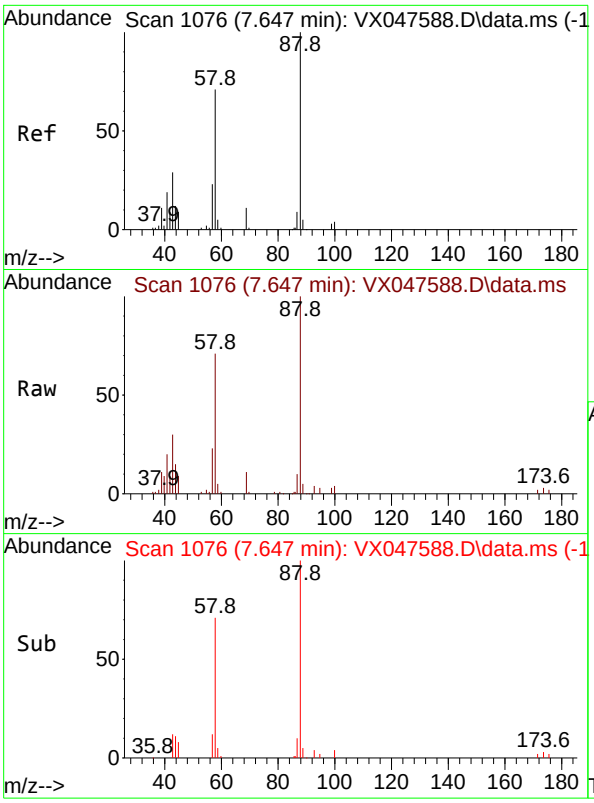


#48
Methyl methacrylate
Concen: 52.438 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

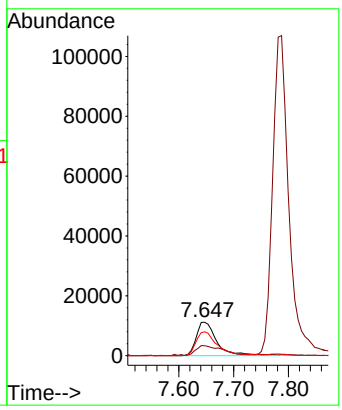




#49
1,4-Dioxane
Concen: 1107.698 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



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MSVOA_X
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VSTDICCC050

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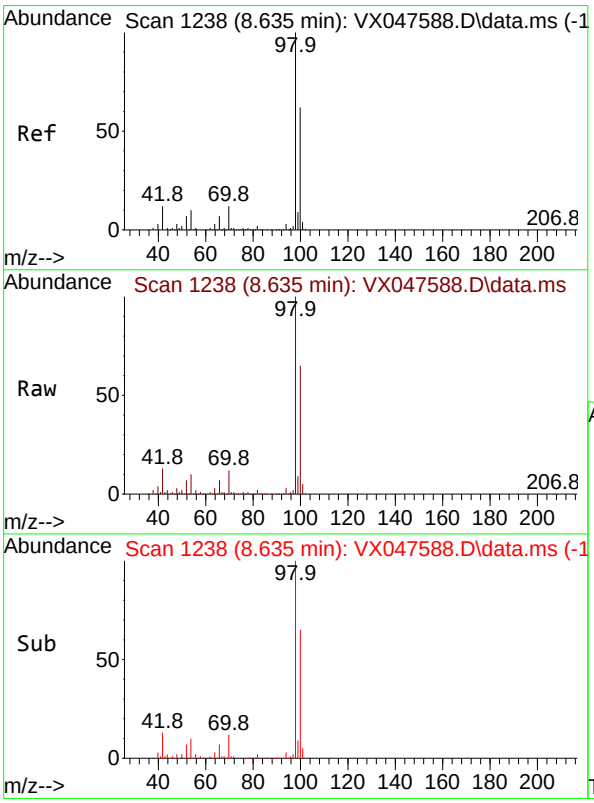
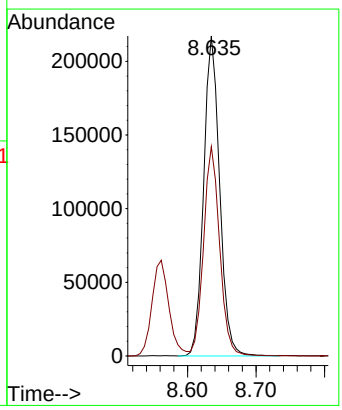
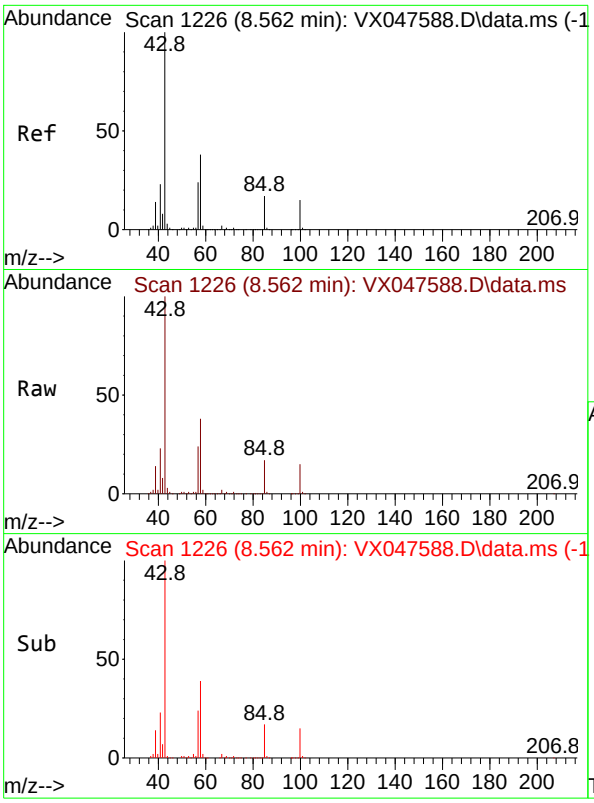


#50
Toluene-d8
Concen: 49.428 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 98 Resp: 352578

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

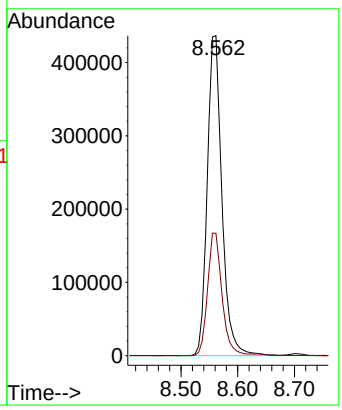




#51
4-Methyl-2-Pentanone
Concen: 267.650 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 78497

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5



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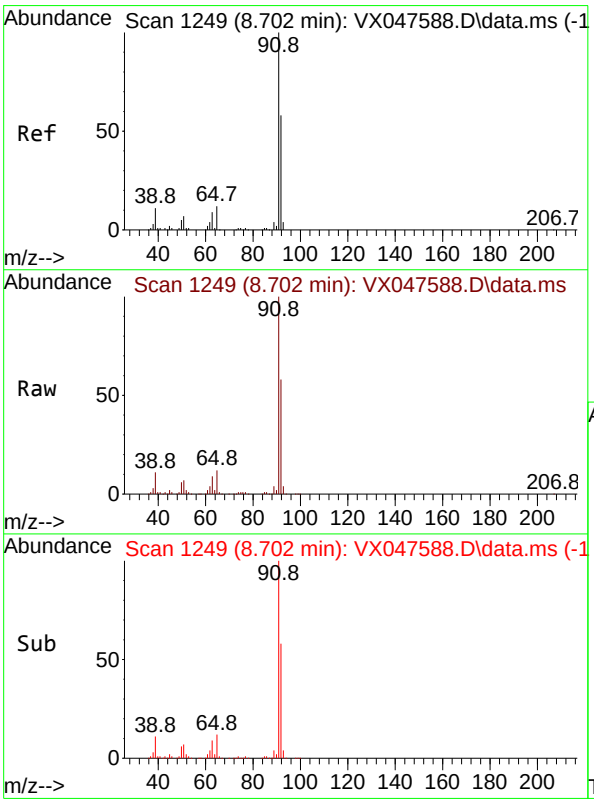
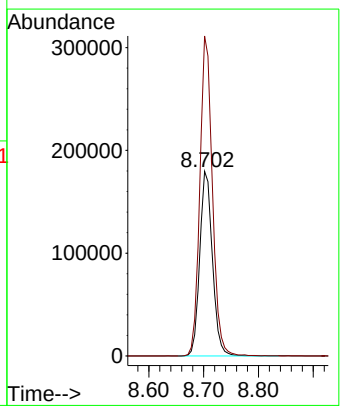
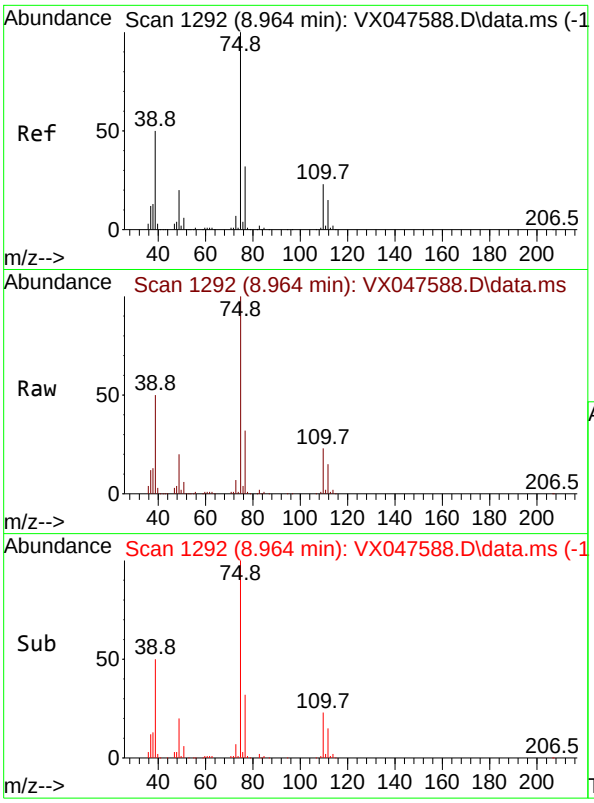


#52
Toluene
Concen: 51.244 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 92 Resp: 288853

Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.1	205.7

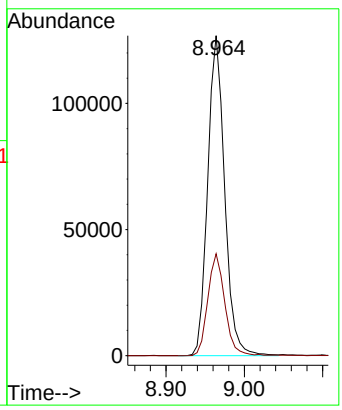




#53
t-1,3-Dichloropropene
Concen: 53.027 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 19028

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
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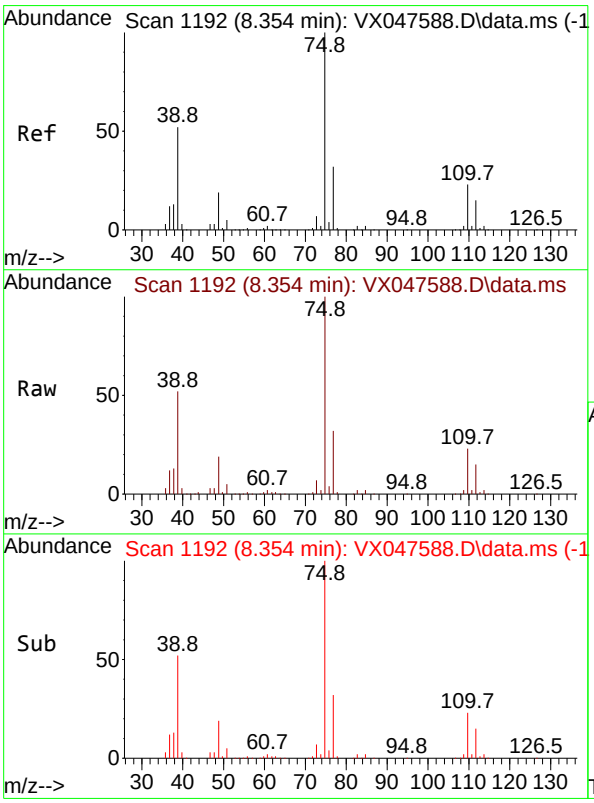
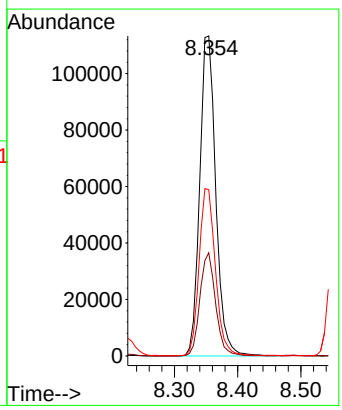
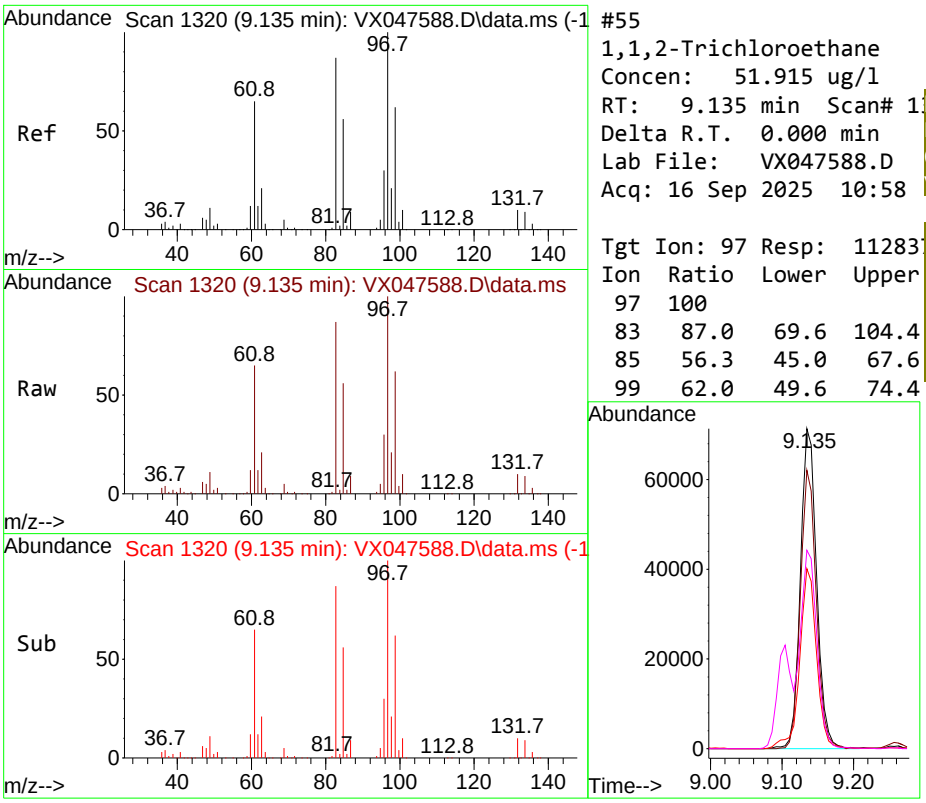


#54
cis-1,3-Dichloropropene
Concen: 52.369 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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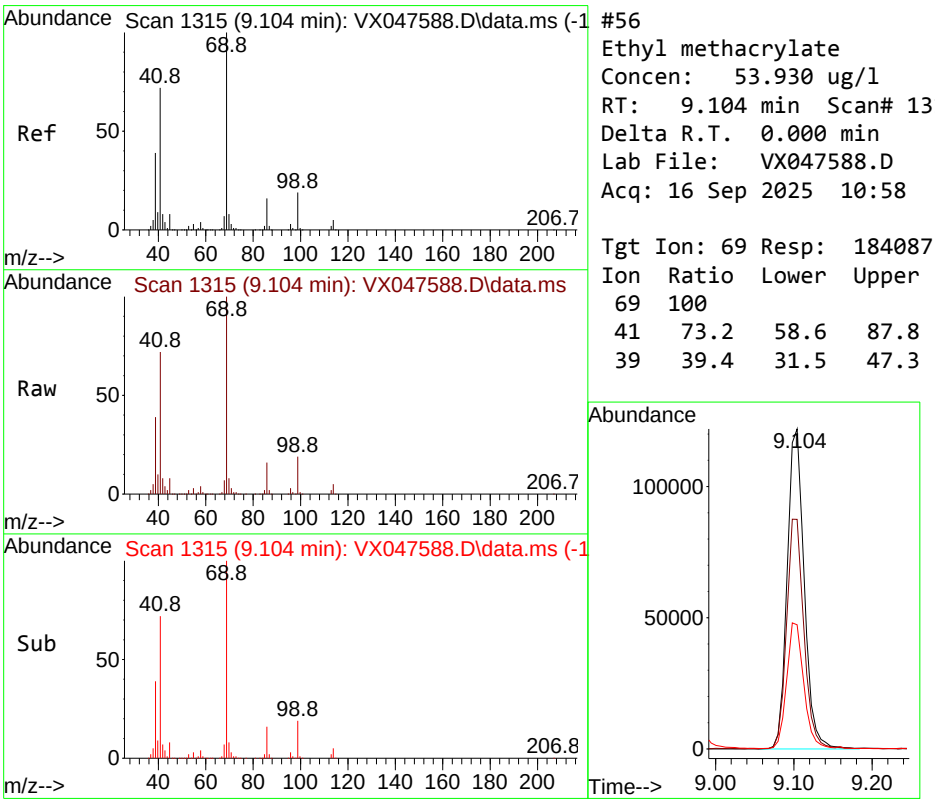
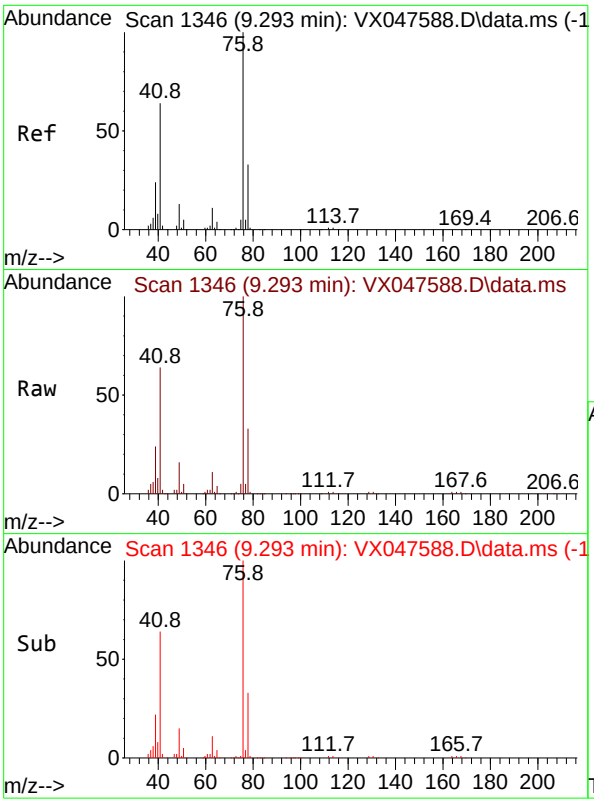


#56
Ethyl methacrylate
Concen: 53.930 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 69 Resp: 184087

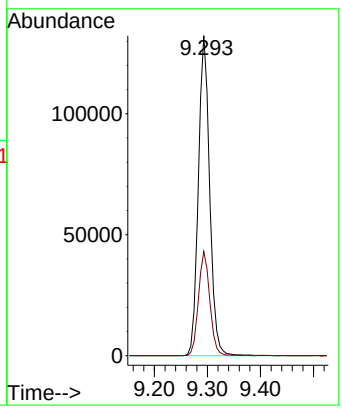
Ion	Ratio	Lower	Upper
69	100		
41	73.2	58.6	87.8
39	39.4	31.5	47.3



#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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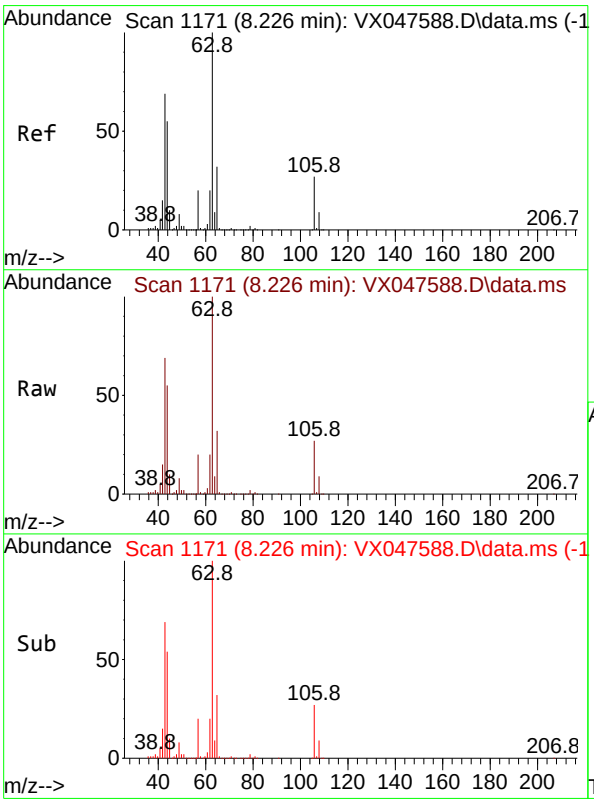
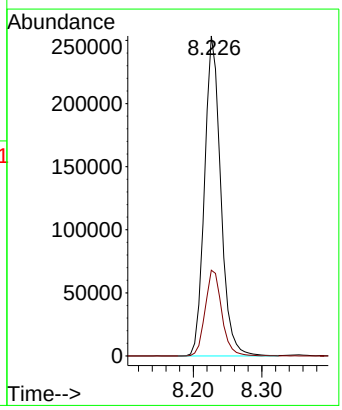
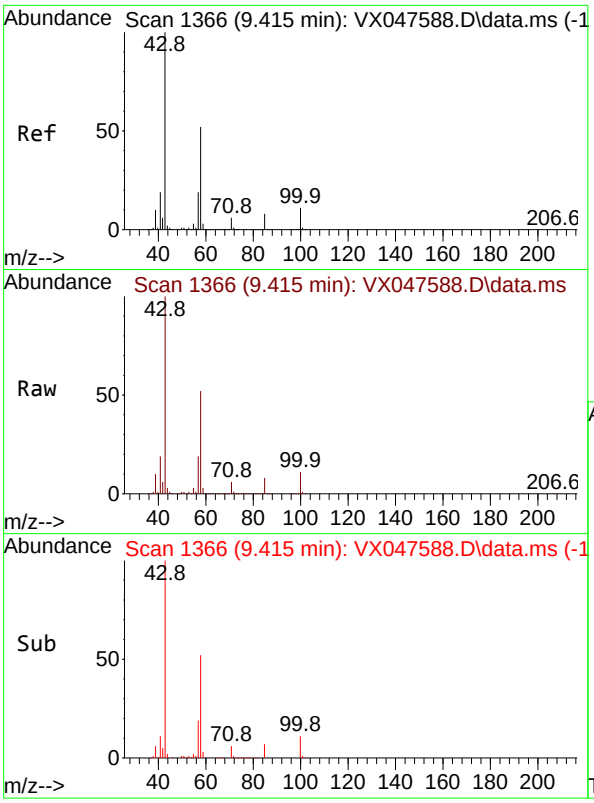


#58
2-Chloroethyl Vinyl ether
Concen: 256.309 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 418707

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.9	32.9

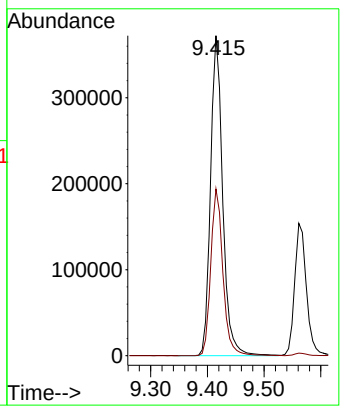




#59
2-Hexanone
Concen: 262.683 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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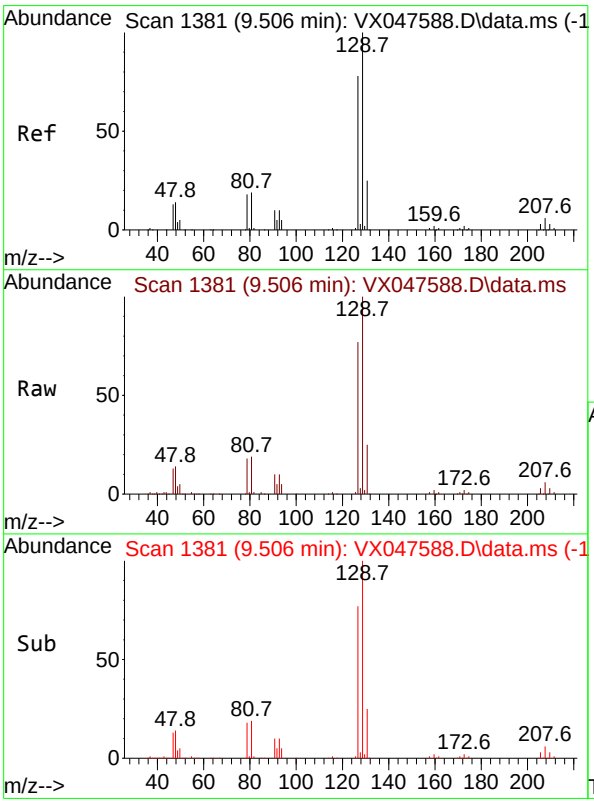
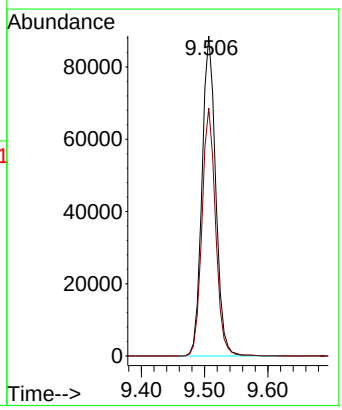
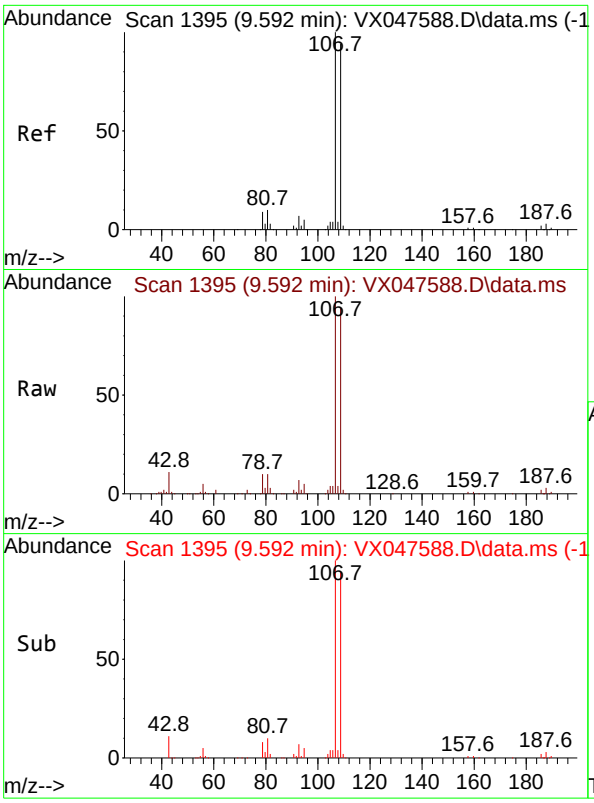


#60
Dibromochloromethane
Concen: 53.401 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:129 Resp: 133737

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2

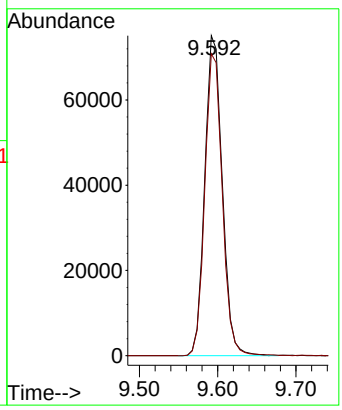




#61
1,2-Dibromoethane
Concen: 52.607 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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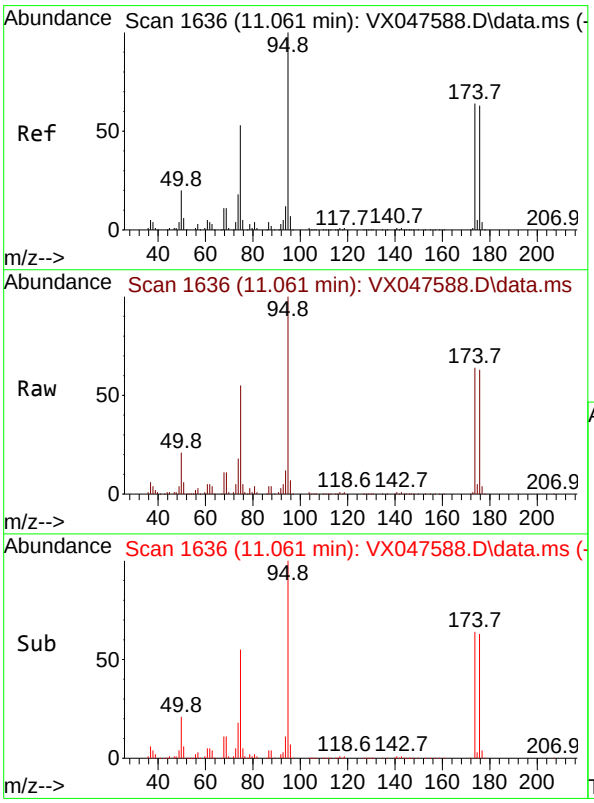
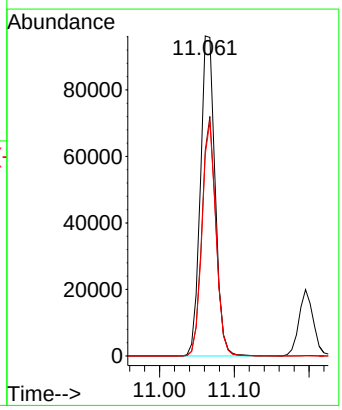
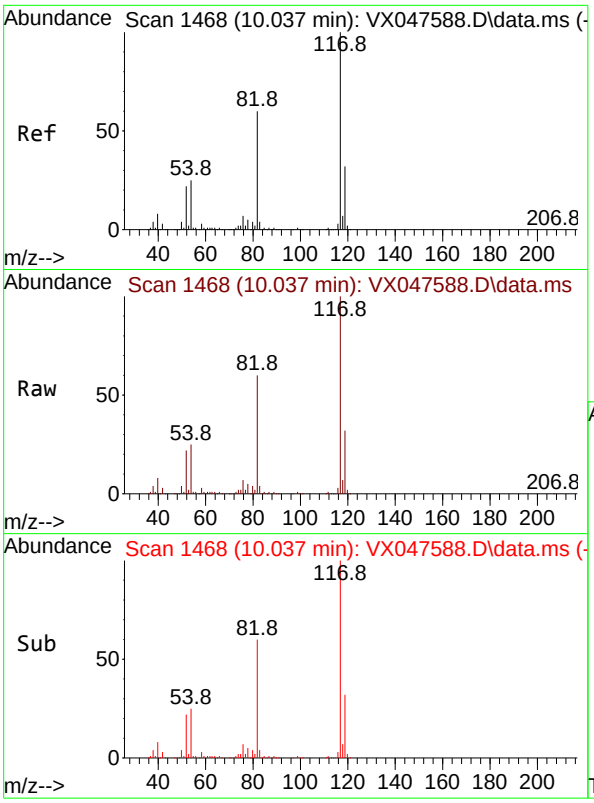


#62
4-Bromofluorobenzene
Concen: 48.471 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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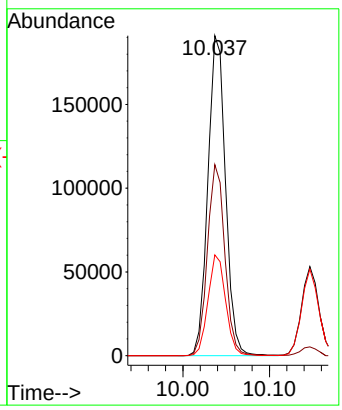
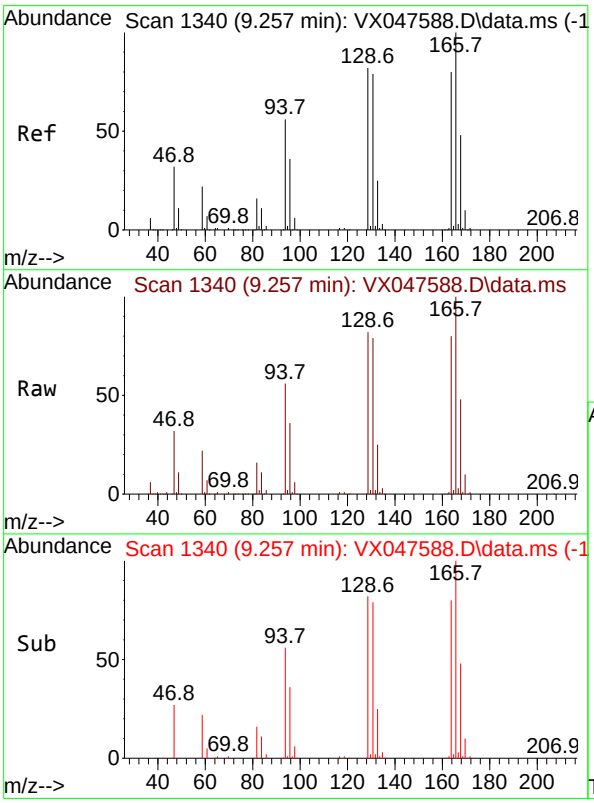
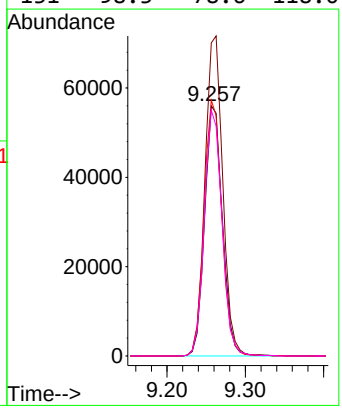


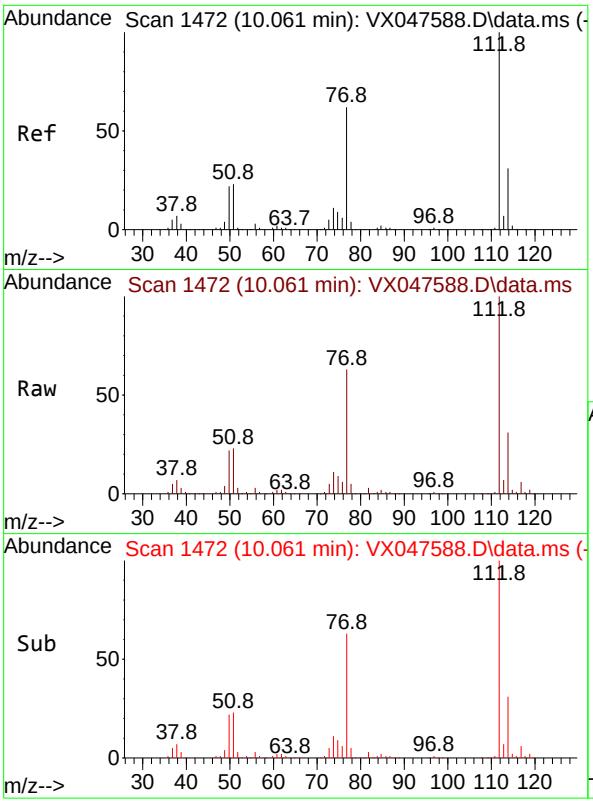


#64
Tetrachloroethene
Concen: 50.074 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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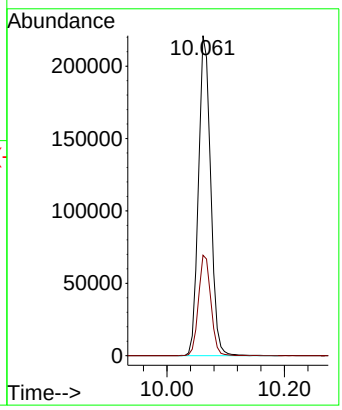
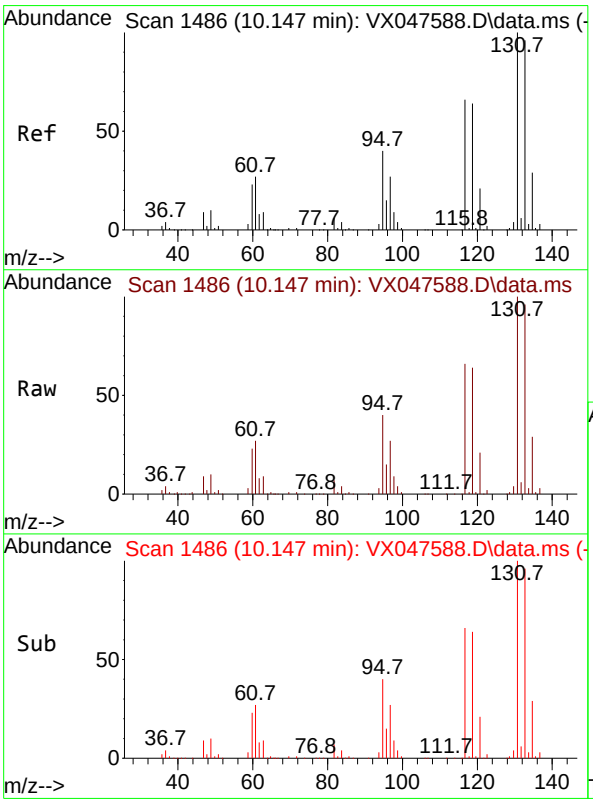
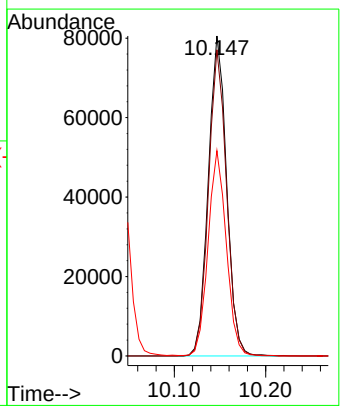


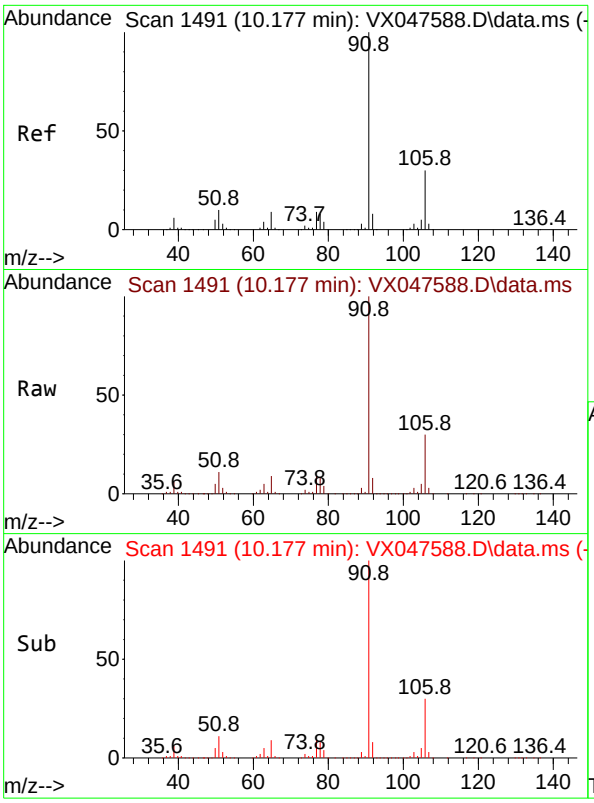


#66
1,1,1,2-Tetrachloroethane
Concen: 52.835 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

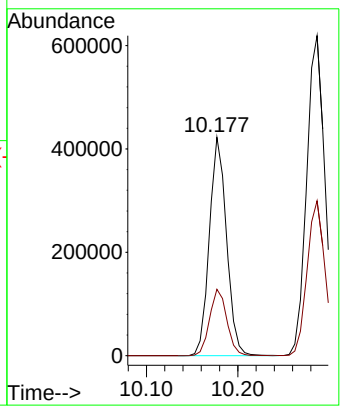




#67
Ethyl Benzene
Concen: 52.017 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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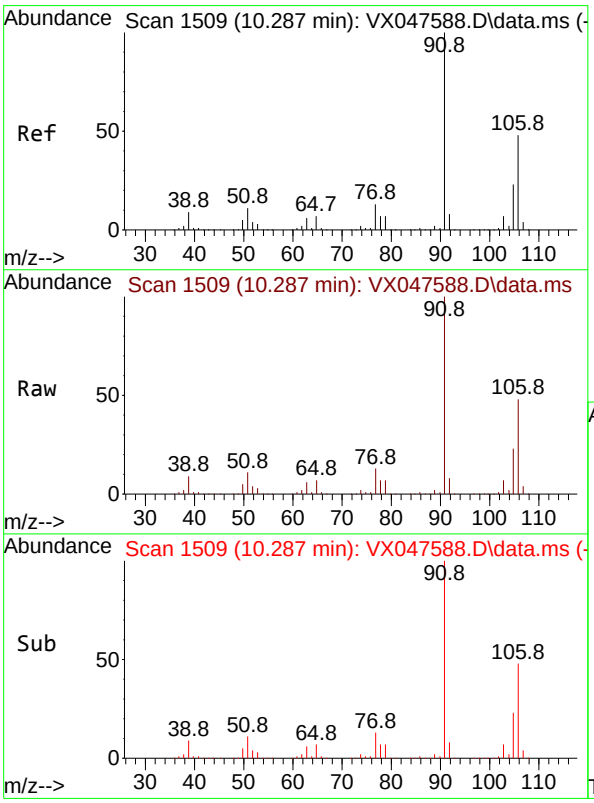
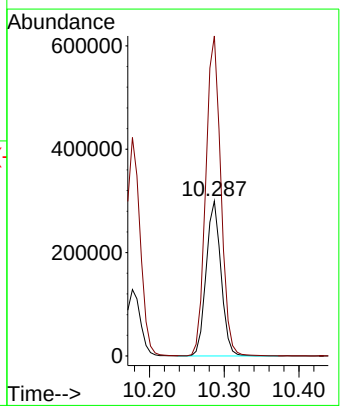
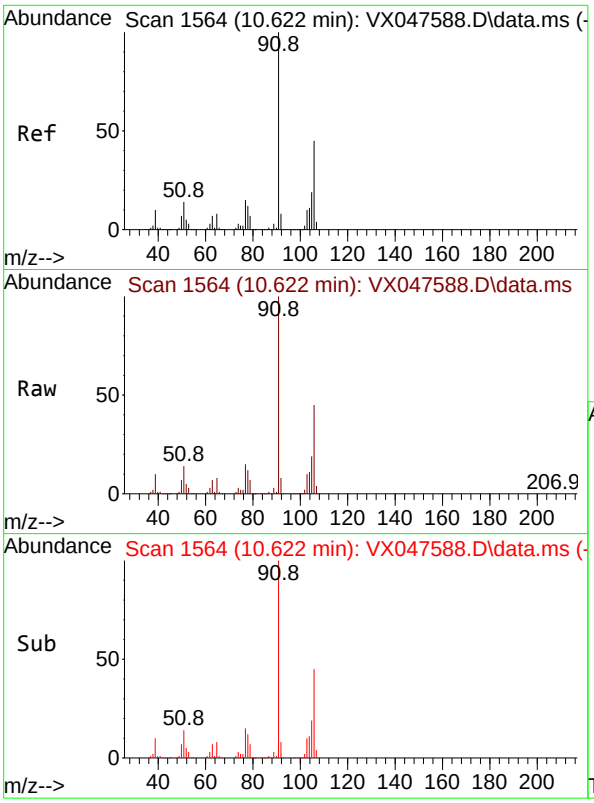


#68
m/p-Xylenes
Concen: 104.809 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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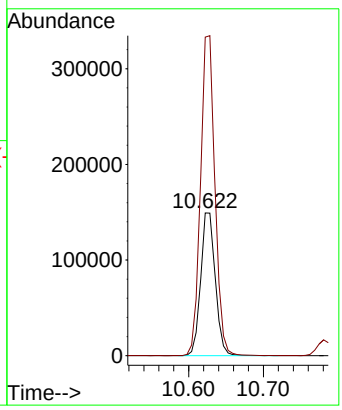
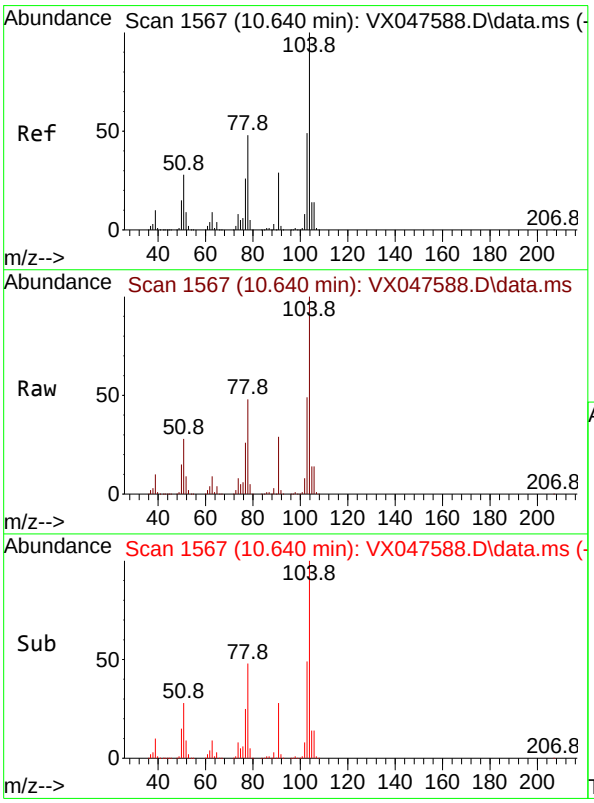
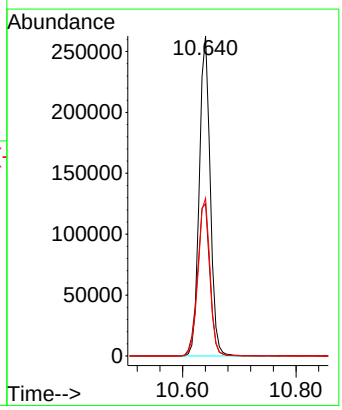


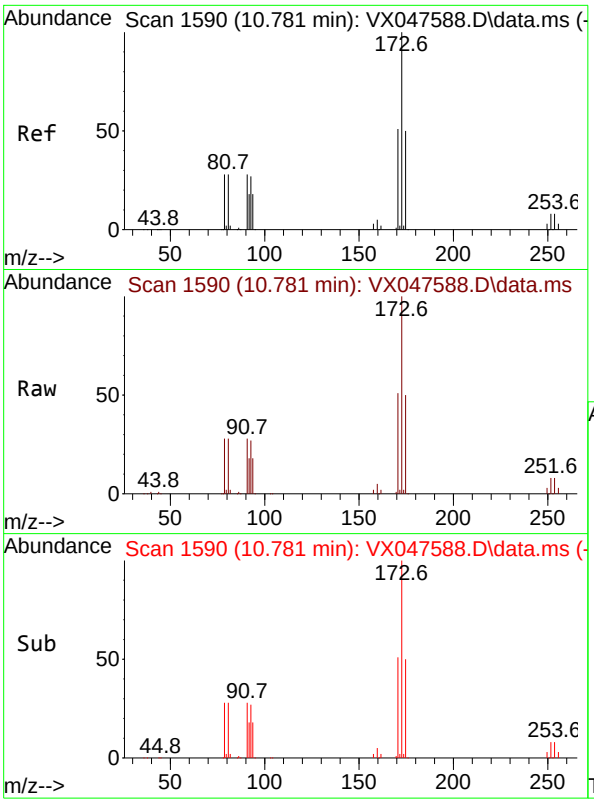


#70
Styrene
Concen: 52.515 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

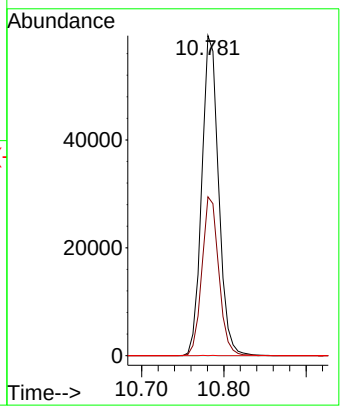




#71
Bromoform
Concen: 53.447 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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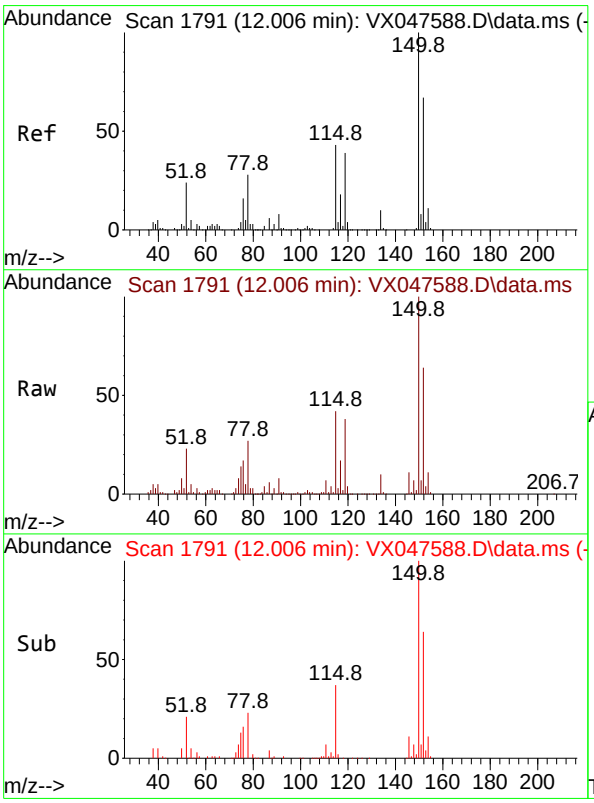
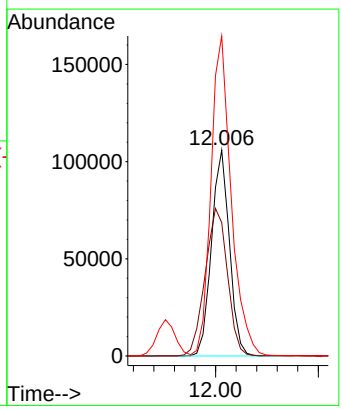
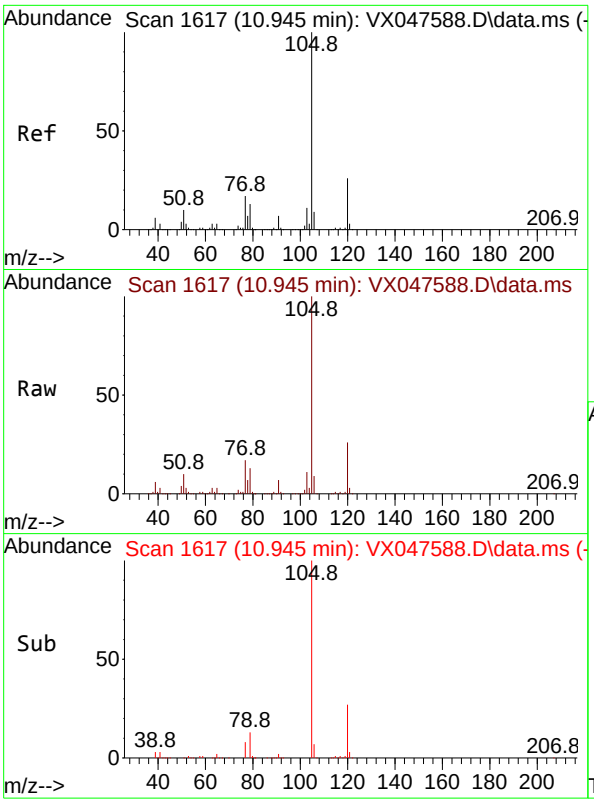


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

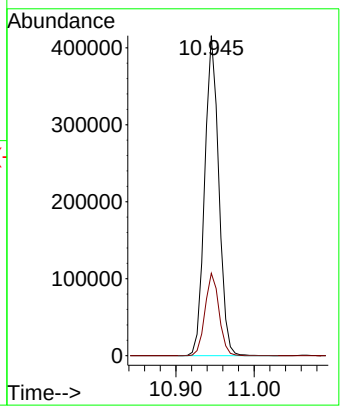




#73
Isopropylbenzene
Concen: 53.227 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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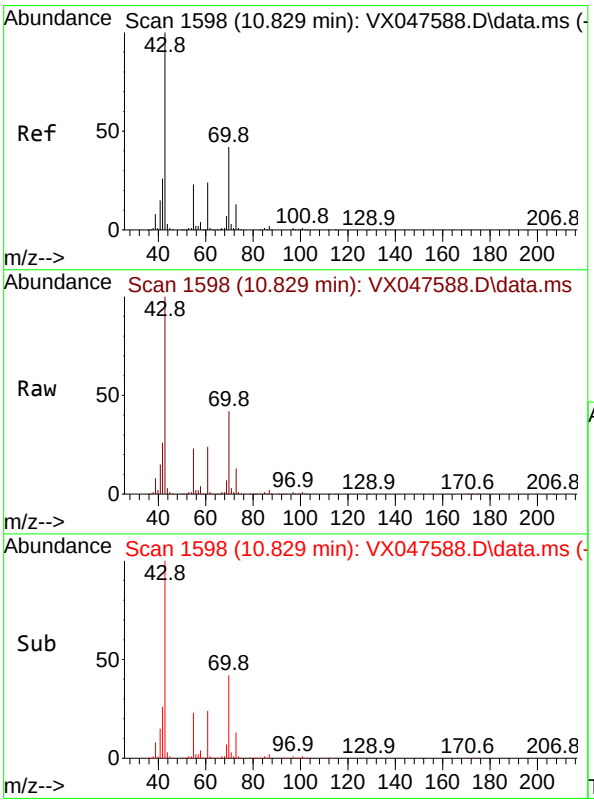
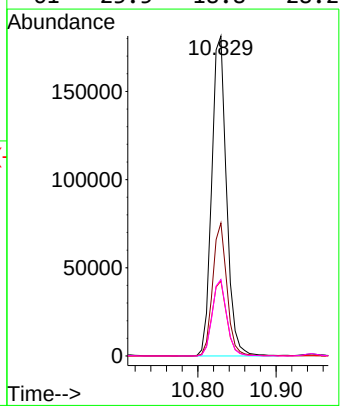
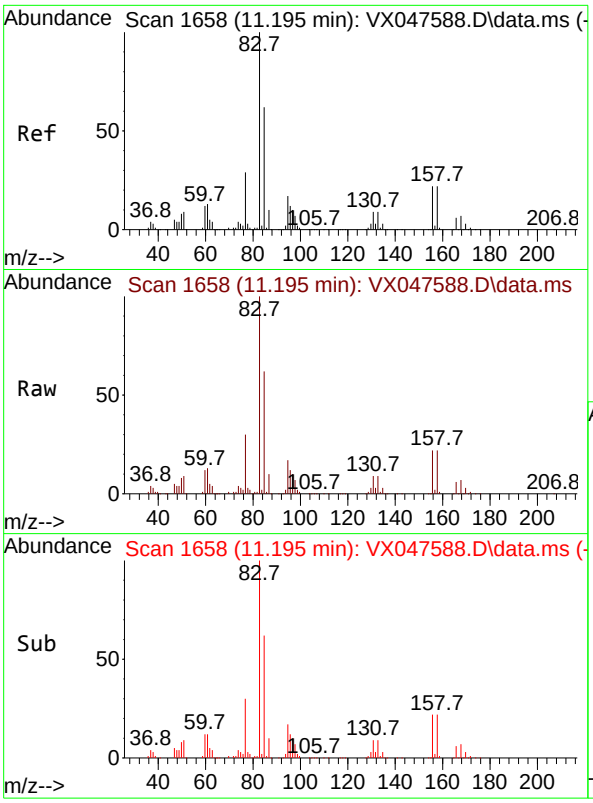


#74
N-amyl acetate
Concen: 53.710 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

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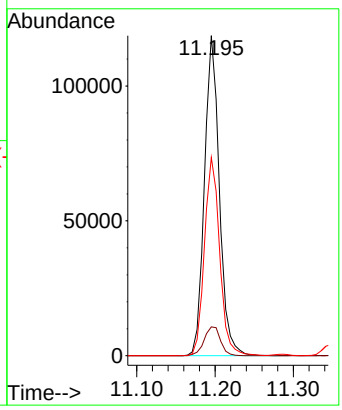
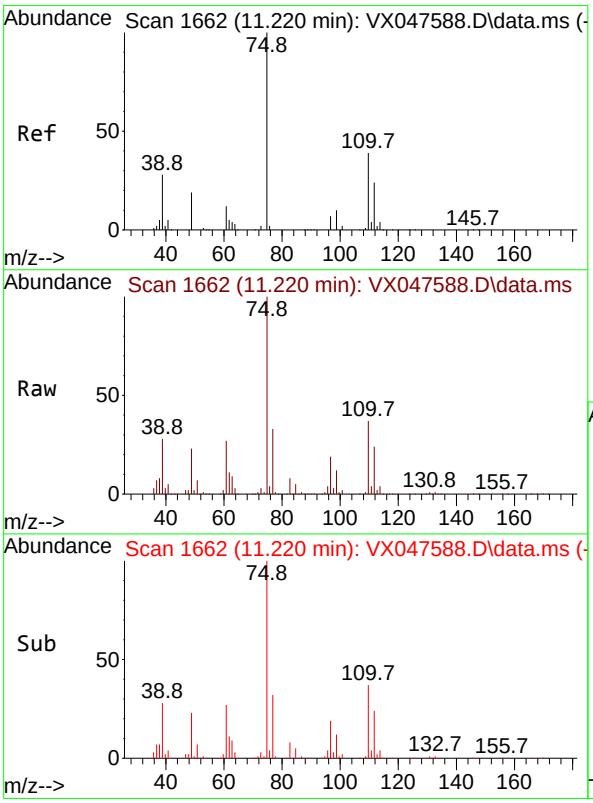
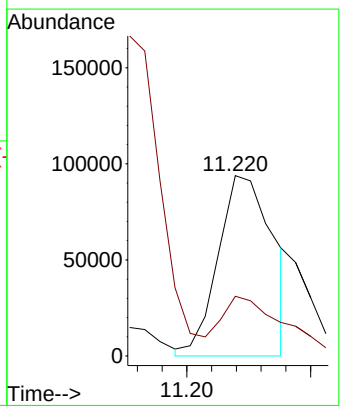


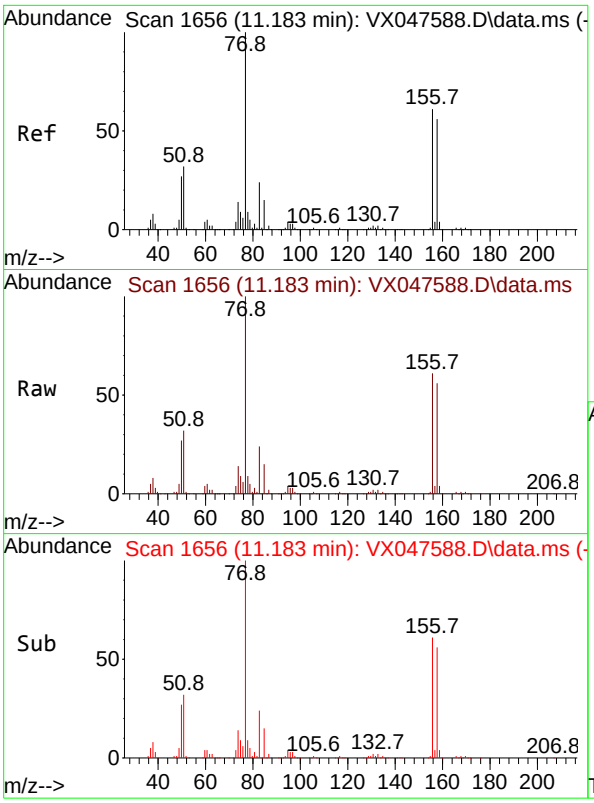


#76
1,2,3-Trichloropropane
Concen: 54.322 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 144074

Ion	Ratio	Lower	Upper
75	100		
77	37.6	18.8	56.4

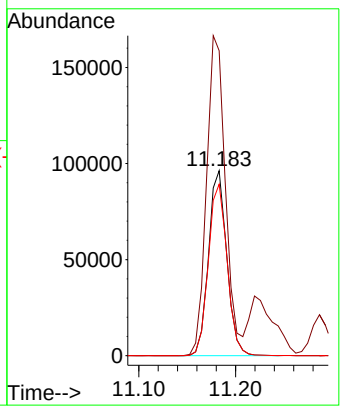




#77
Bromobenzene
Concen: 52.754 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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 :
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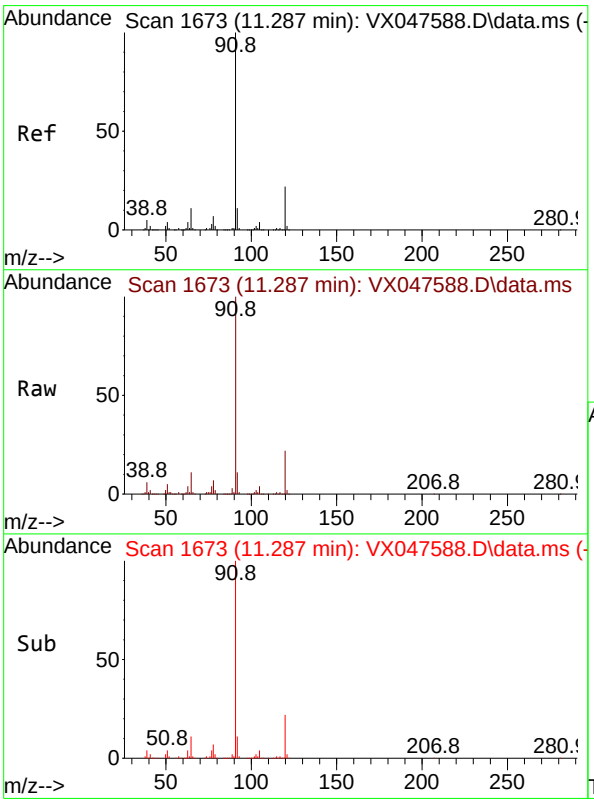
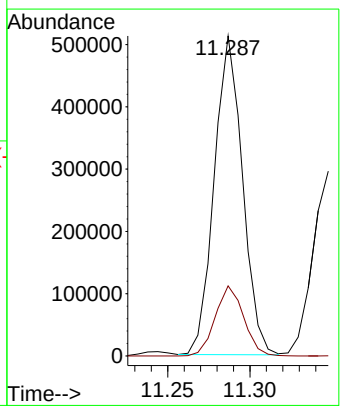
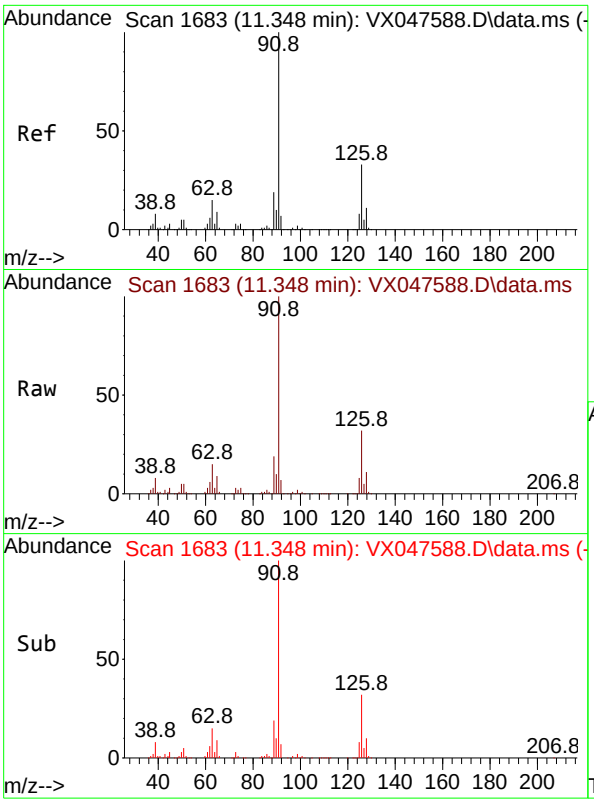


#78
n-propylbenzene
Concen: 53.315 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

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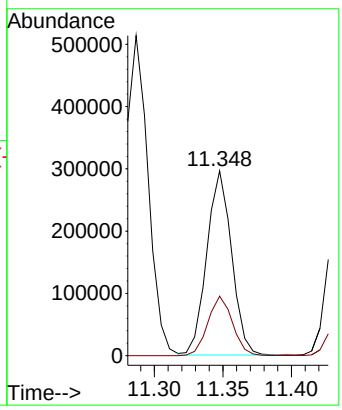
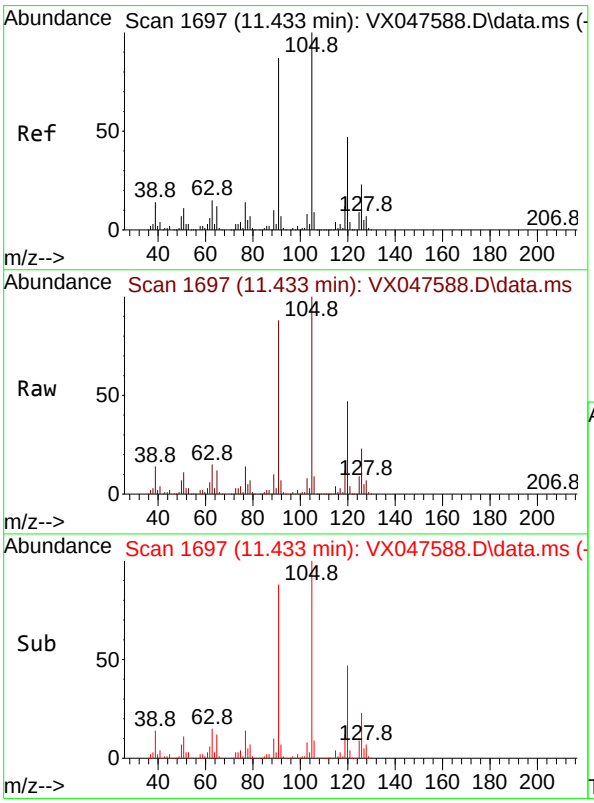
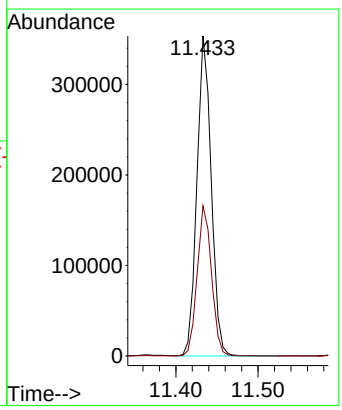


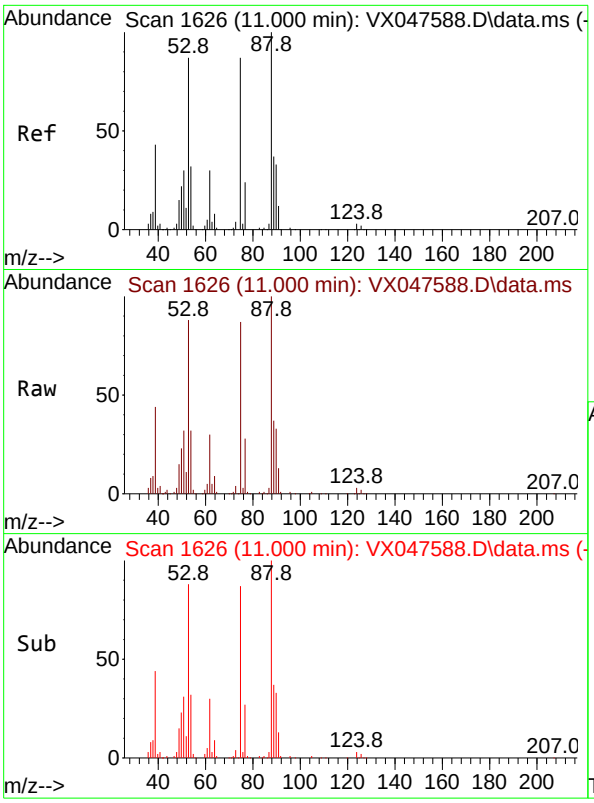


#80
1,3,5-Trimethylbenzene
Concen: 53.518 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 426989

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8

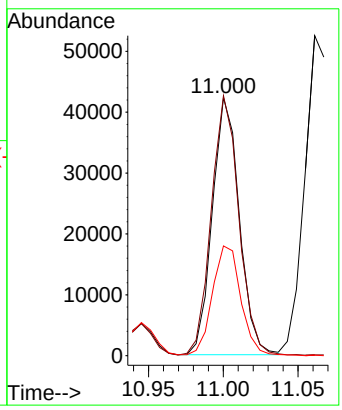




#81
trans-1,4-Dichloro-2-butene
Concen: 52.190 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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 :
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ClientSampleId :
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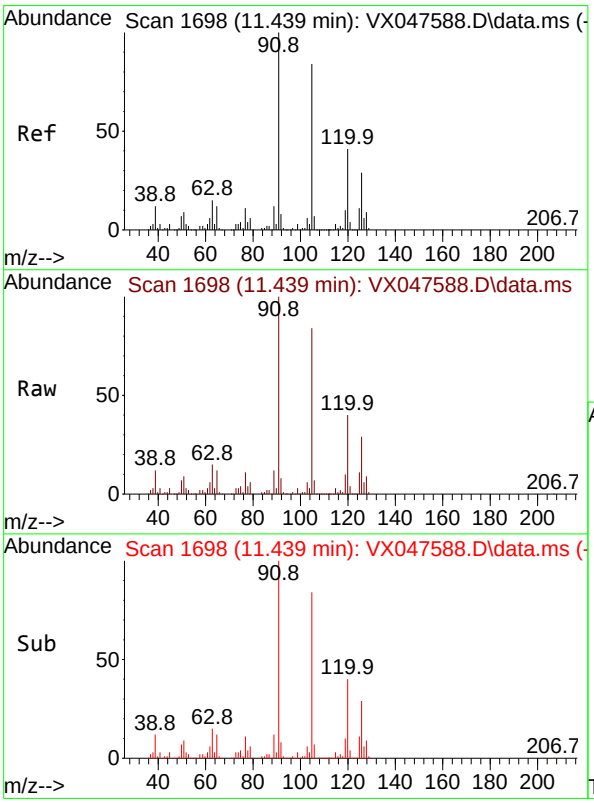
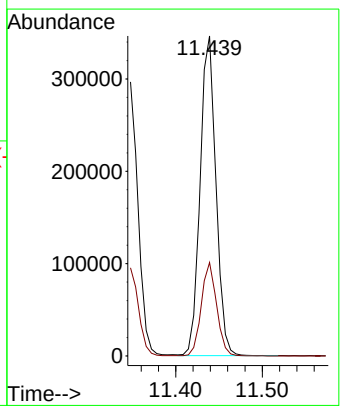
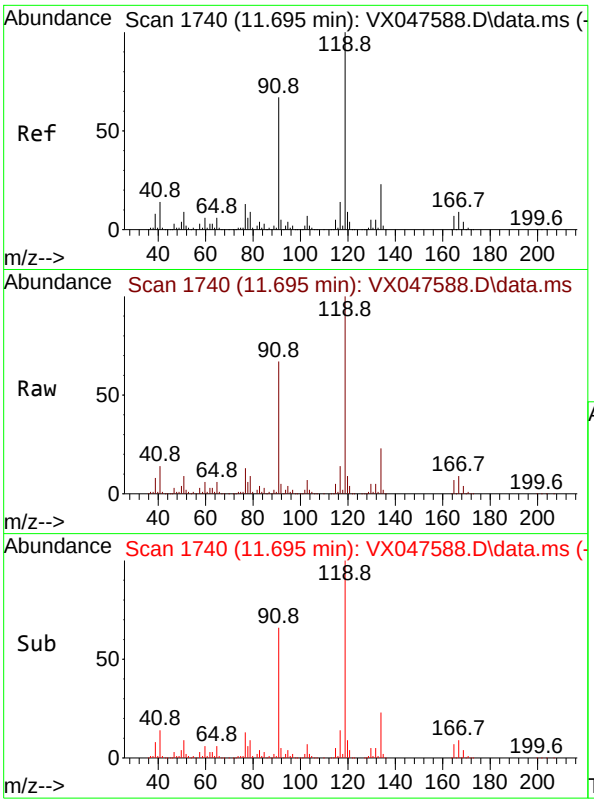


#82
4-Chlorotoluene
Concen: 52.806 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 438502

Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.2	42.6

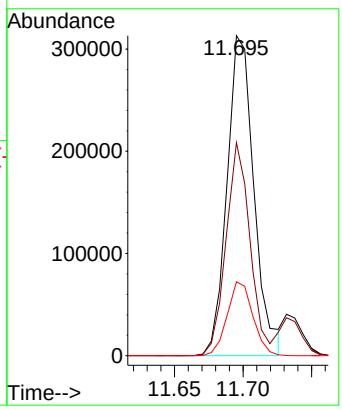




#83
tert-Butylbenzene
Concen: 52.539 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

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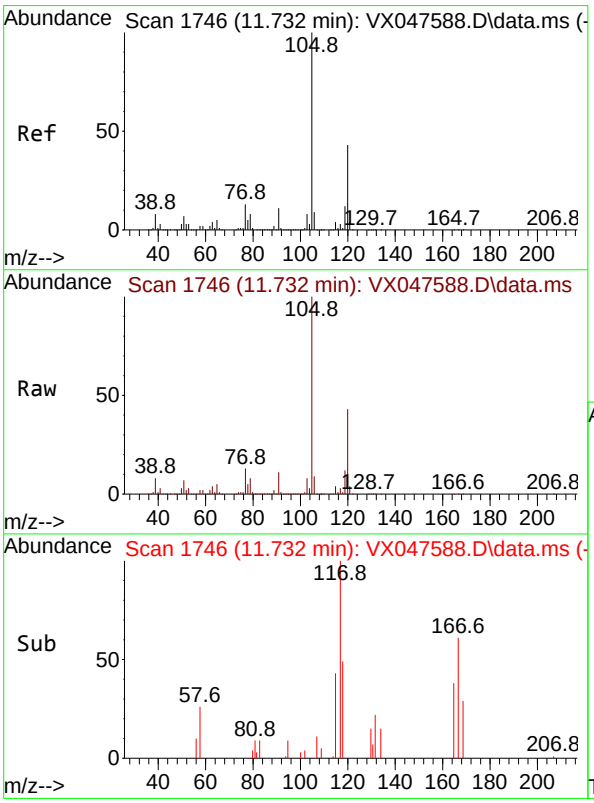
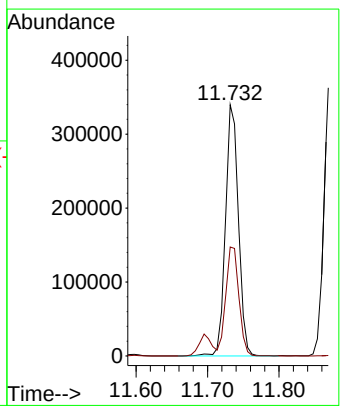
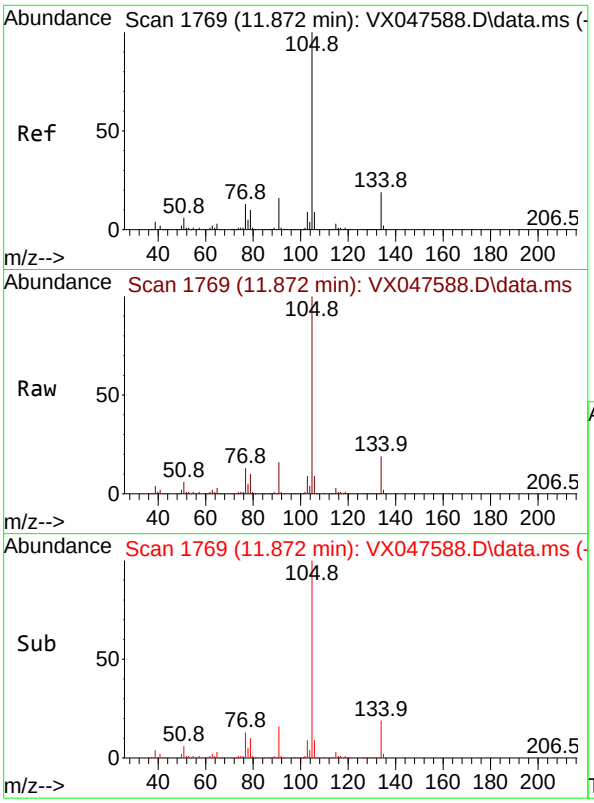


#84
1,2,4-Trimethylbenzene
Concen: 52.798 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 427073

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1

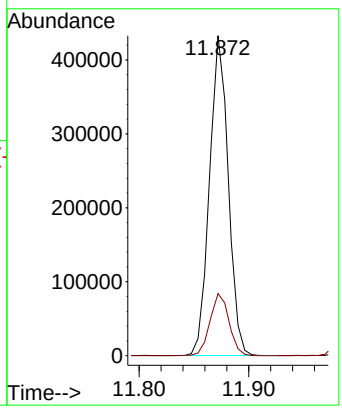




#85
sec-Butylbenzene
Concen: 53.029 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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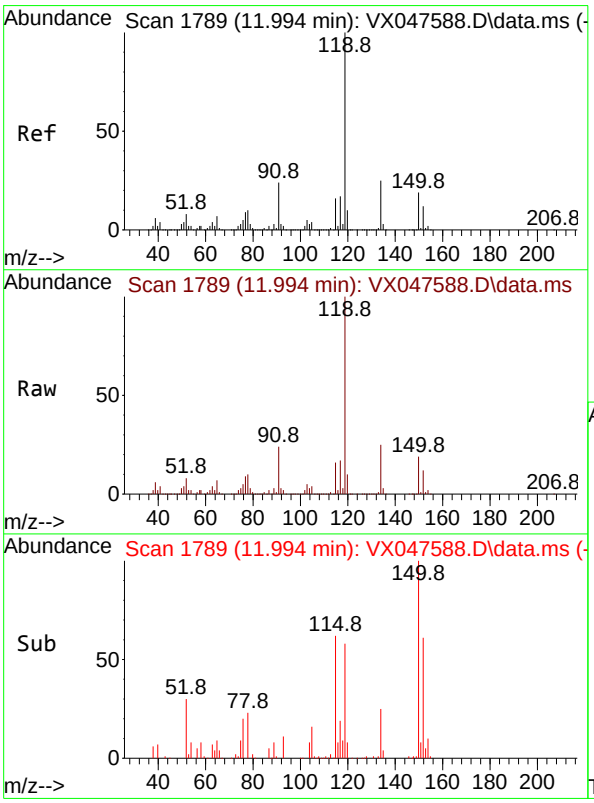
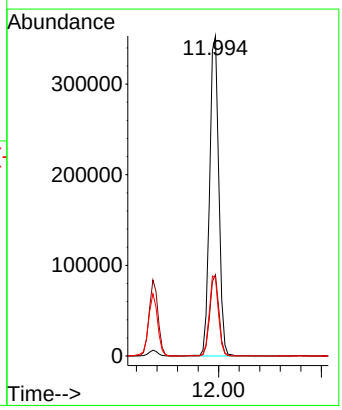
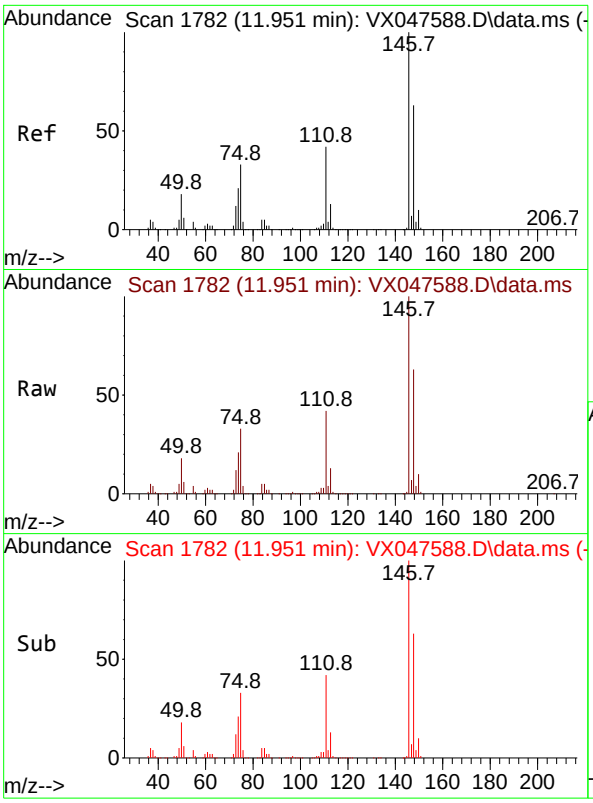


#86
p-Isopropyltoluene
Concen: 53.172 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

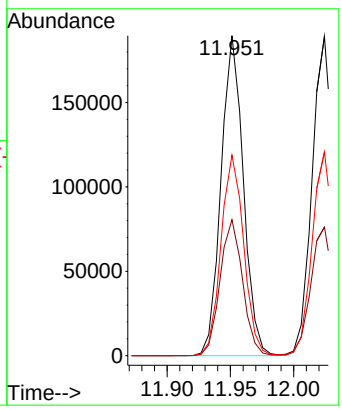




#87
1,3-Dichlorobenzene
Concen: 52.232 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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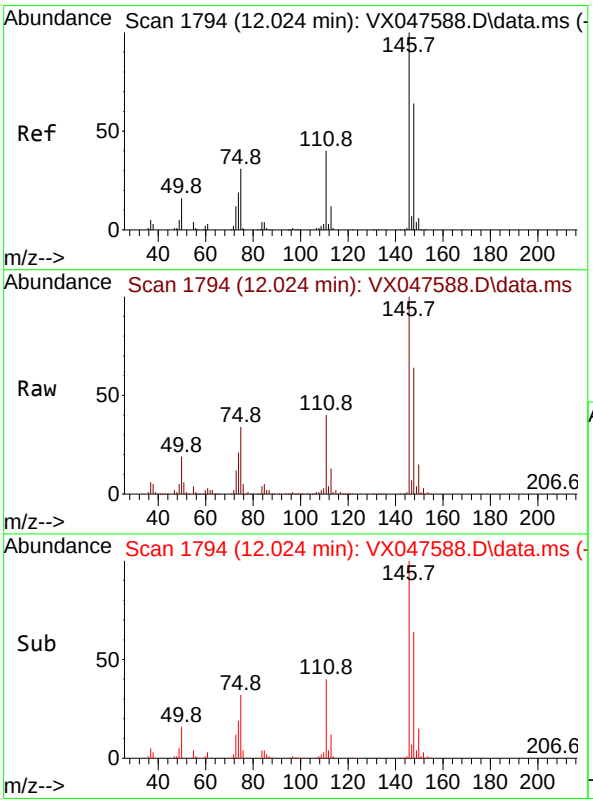
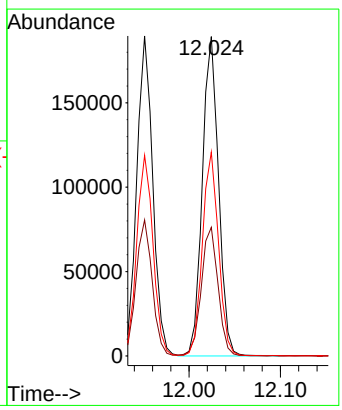
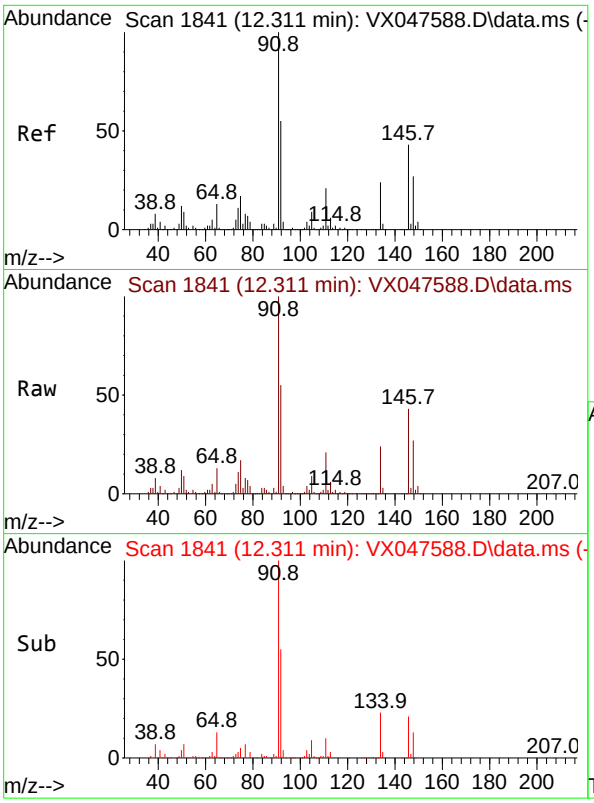


#88
1,4-Dichlorobenzene
Concen: 51.316 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

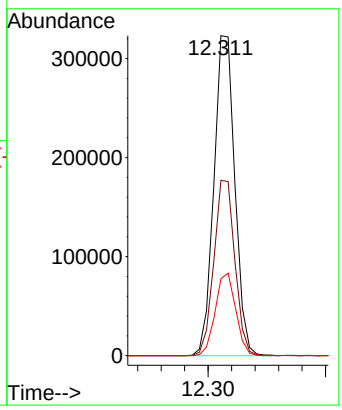




#89
n-Butylbenzene
Concen: 52.766 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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 :
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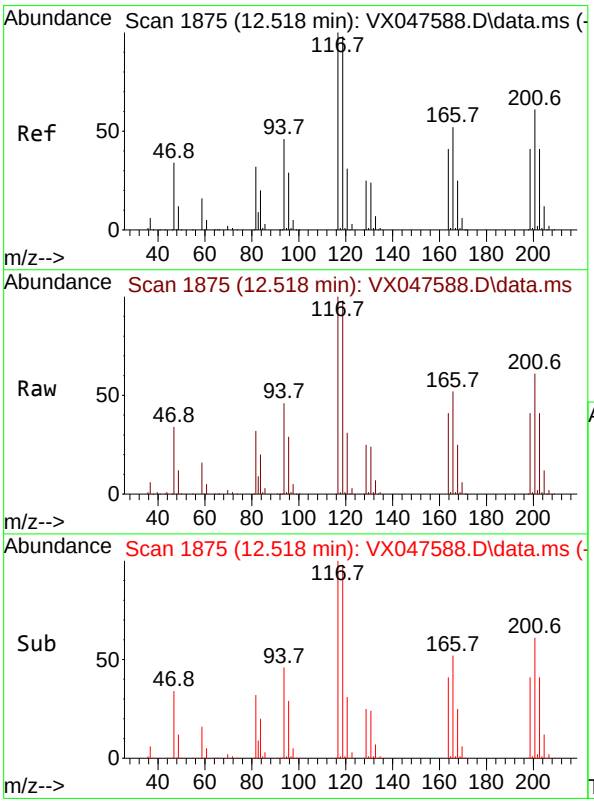
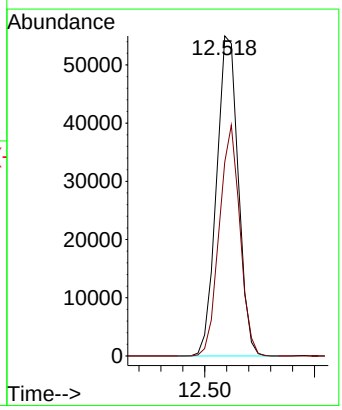
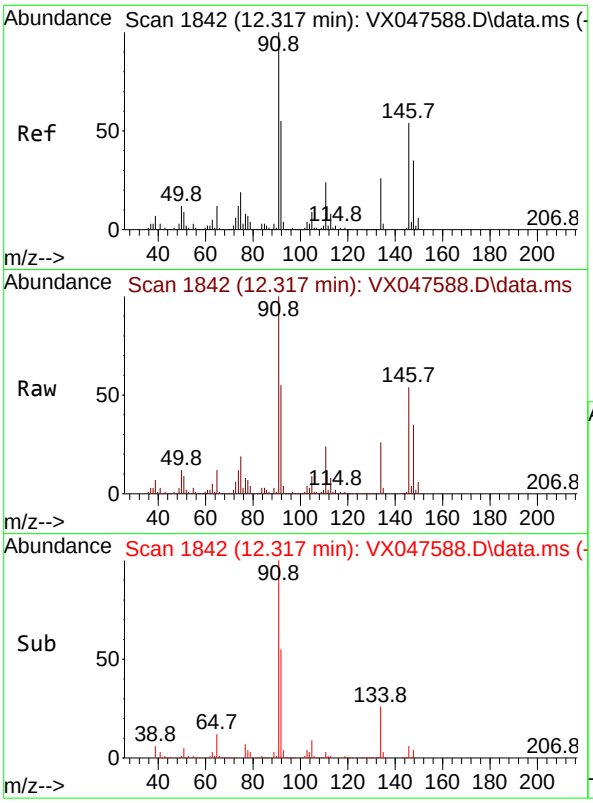


#90
Hexachloroethane
Concen: 52.567 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 75800

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.2	102.5

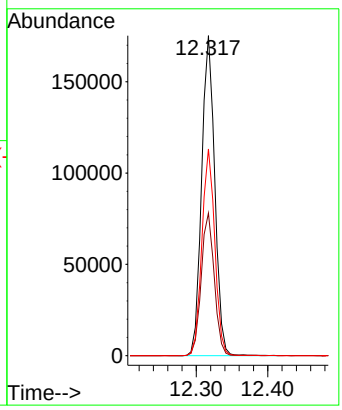




#91
1,2-Dichlorobenzene
Concen: 52.688 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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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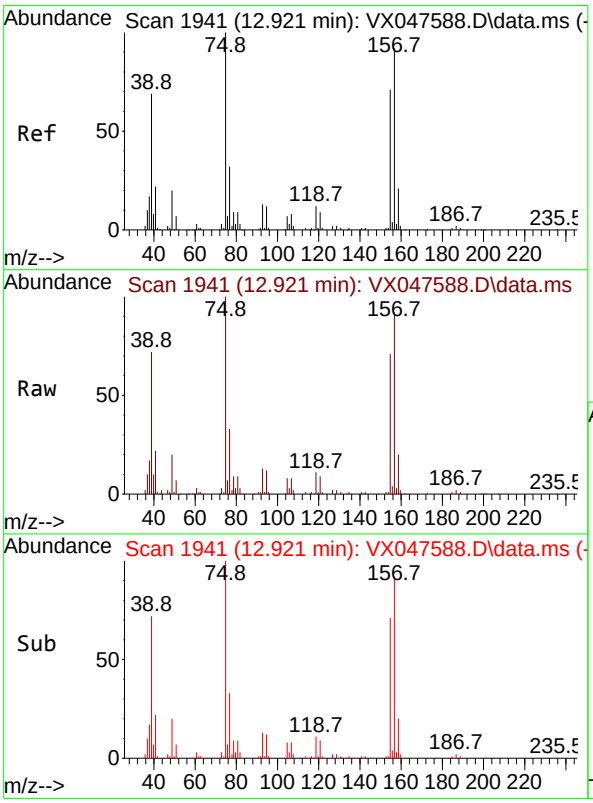
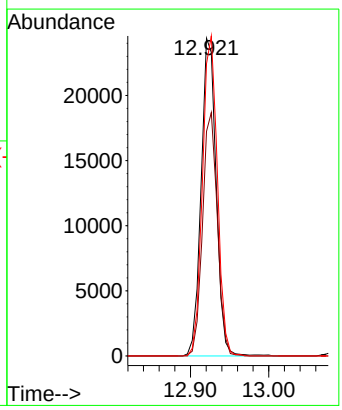
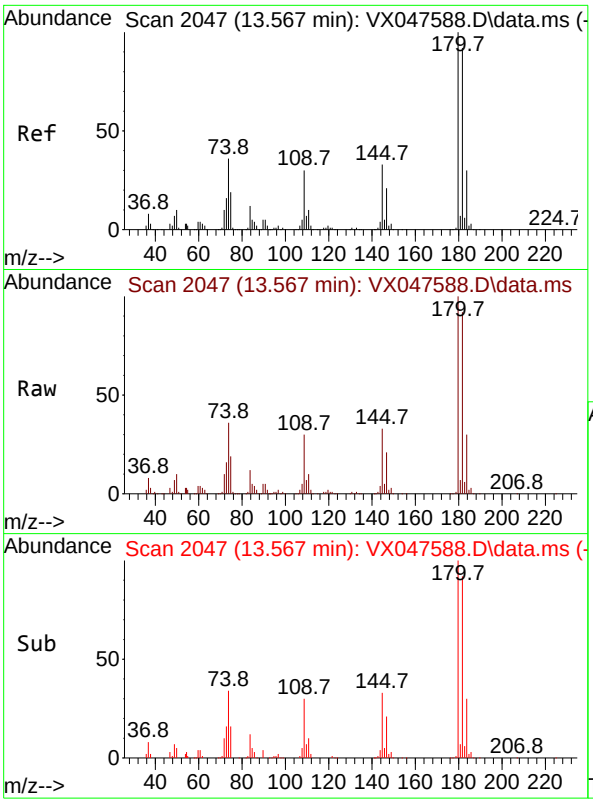


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.554 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

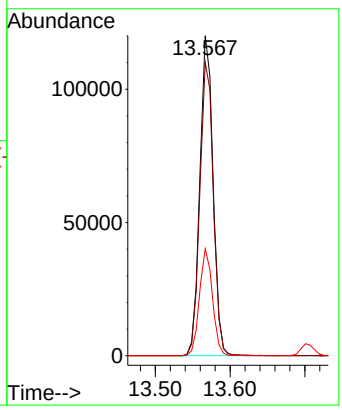




#93
1,2,4-Trichlorobenzene
Concen: 53.685 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:180 Resp: 14767

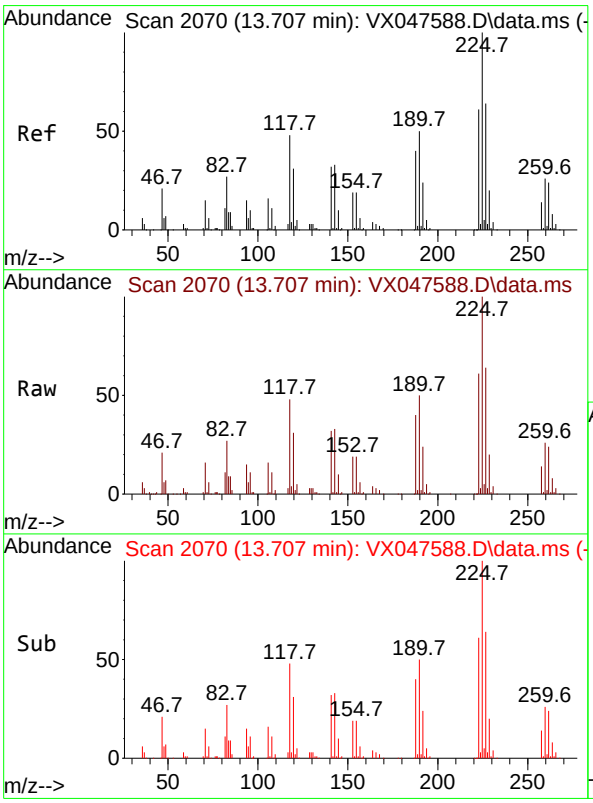
Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	32.7	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

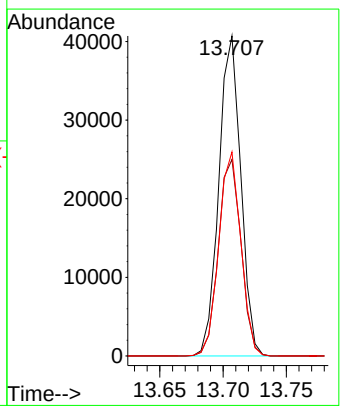
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

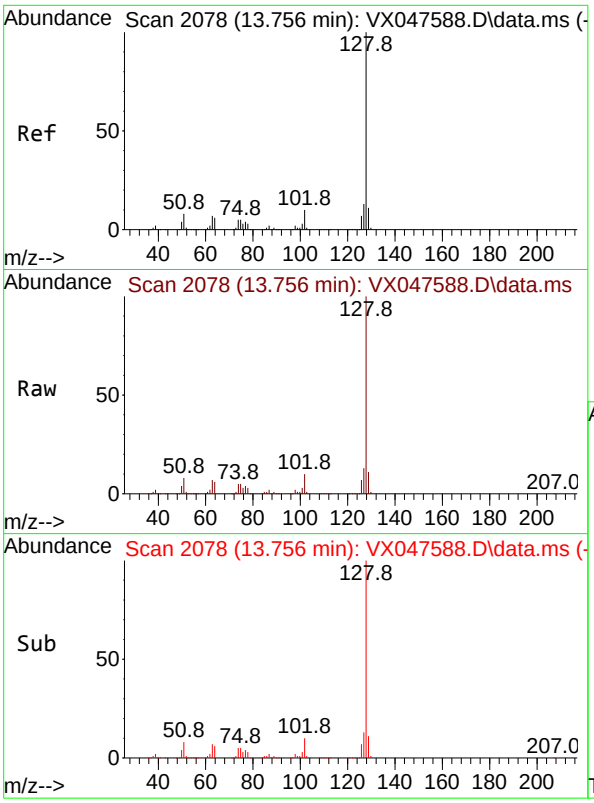


#94
Hexachlorobutadiene
Concen: 52.510 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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

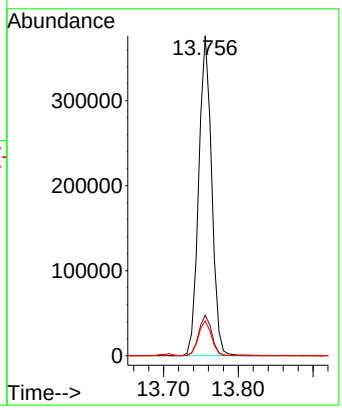




#95
Naphthalene
Concen: 53.966 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:128 Resp: 45201

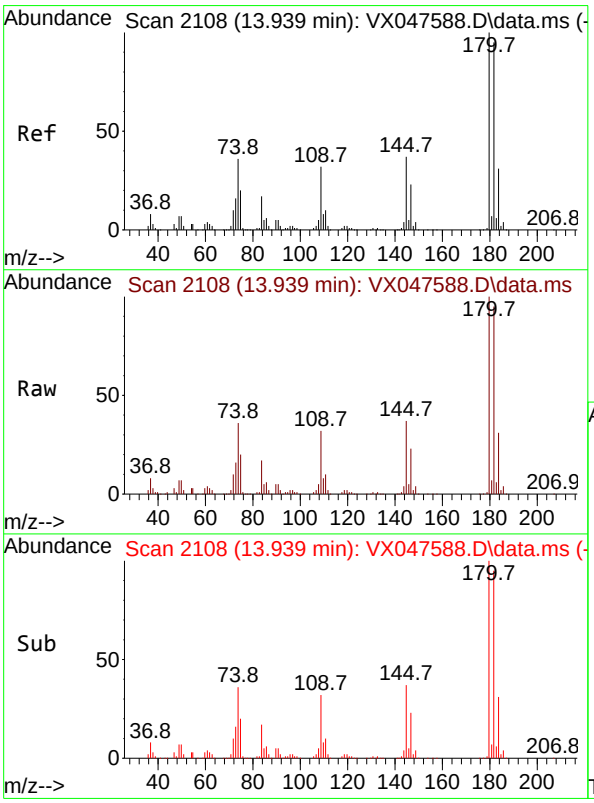
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

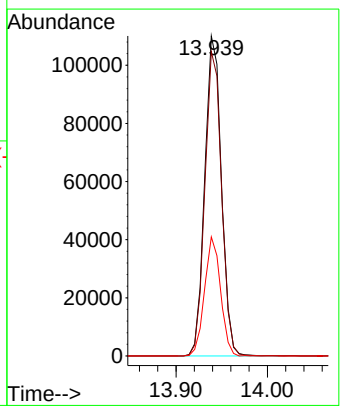
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#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

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)
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

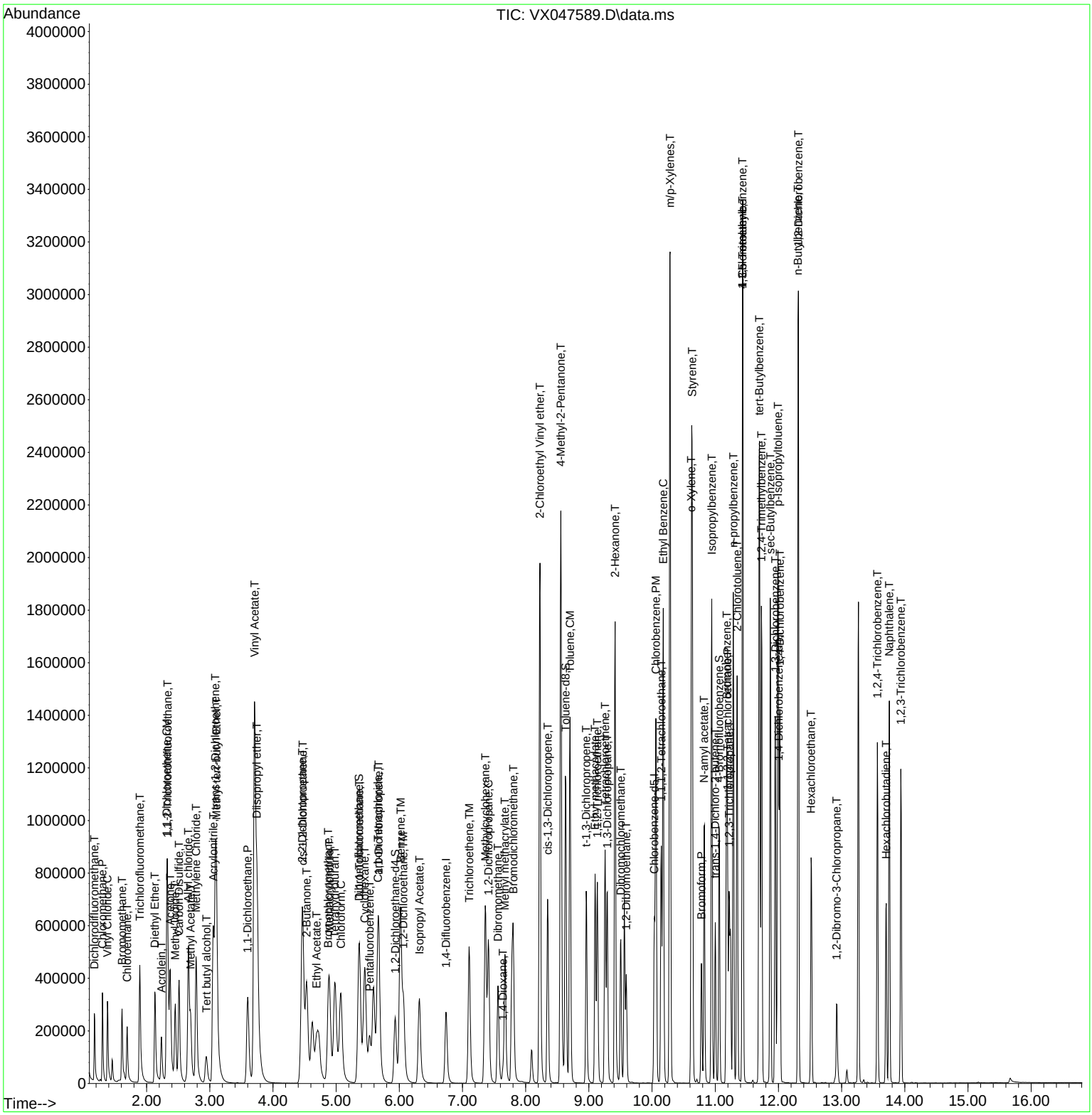
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047589.D
Acq On : 16 Sep 2025 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

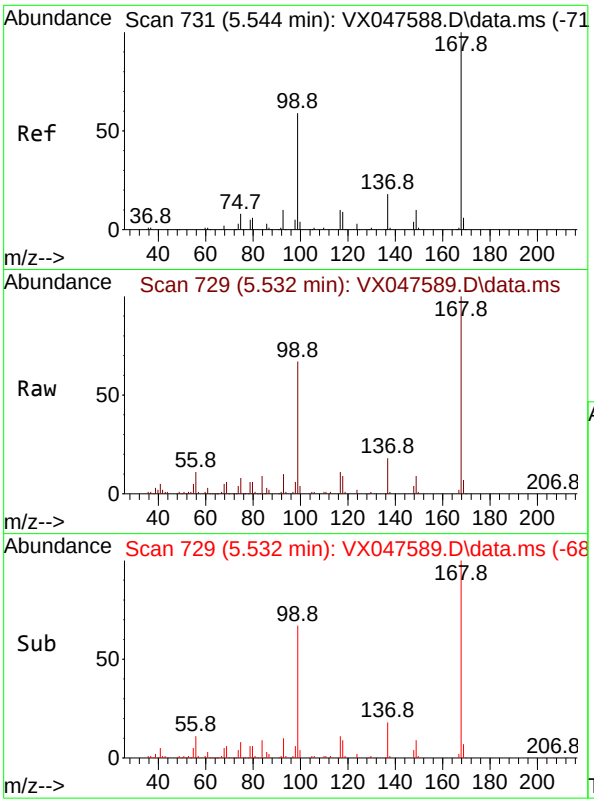
Quant Time: Sep 17 06:15:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

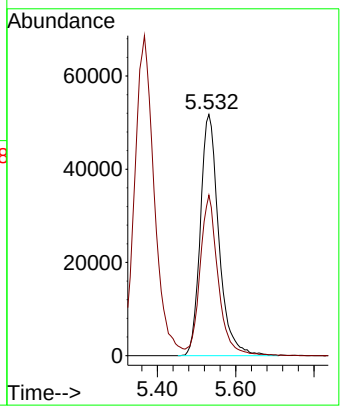




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:168 Resp: 16928

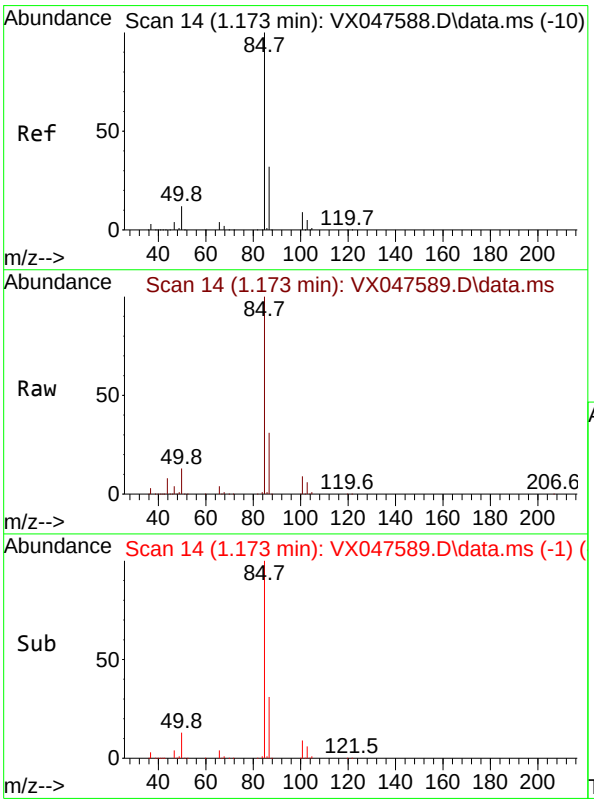
Ion	Ratio	Lower	Upper
168	100		
99	66.4	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

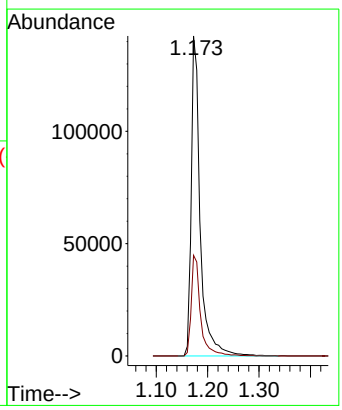
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

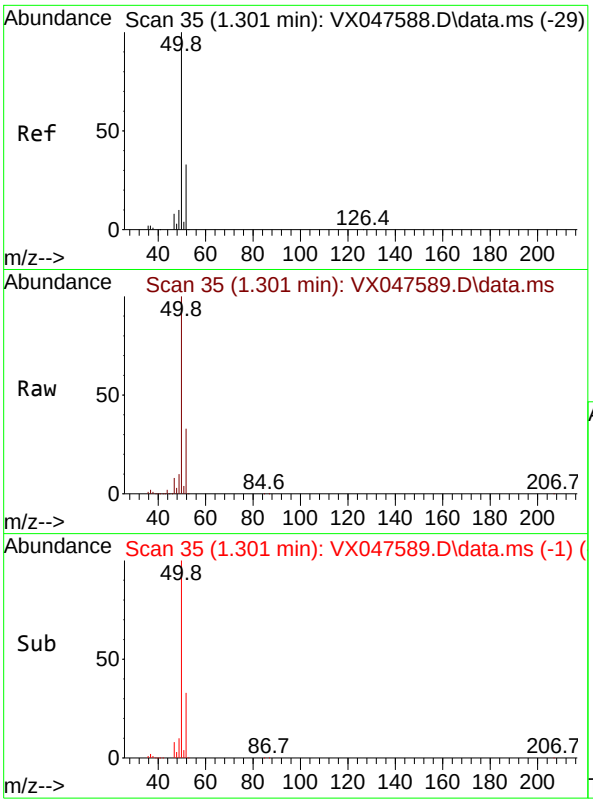


#2
Dichlorodifluoromethane
Concen: 98.537 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 85 Resp: 172727

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.8	47.3

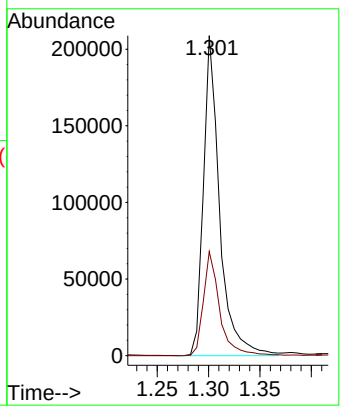




#3
Chloromethane
Concen: 99.472 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 50 Resp: 22916

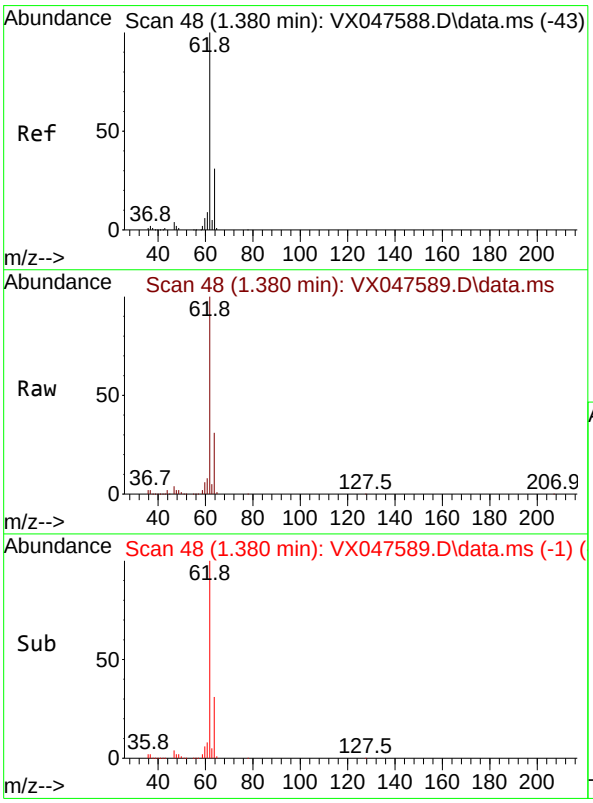
Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

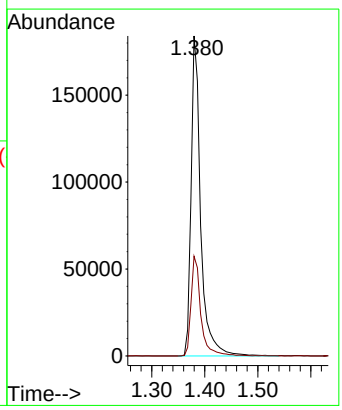
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

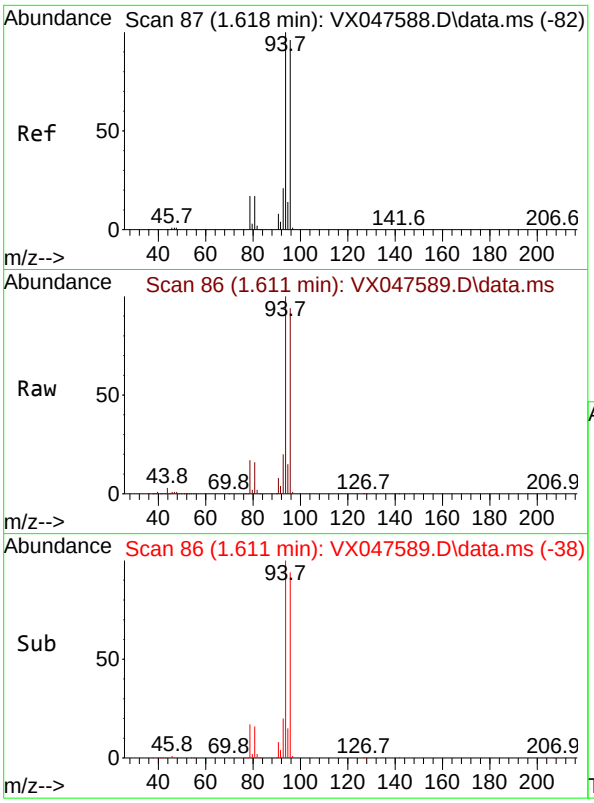


#4
Vinyl Chloride
Concen: 101.621 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 229175

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3

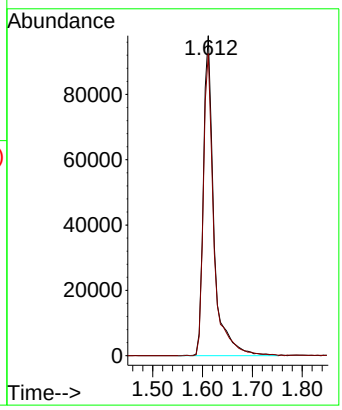




#5
Bromomethane
Concen: 100.076 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 94 Resp: 14311

Ion	Ratio	Lower	Upper
94	100		
96	94.4	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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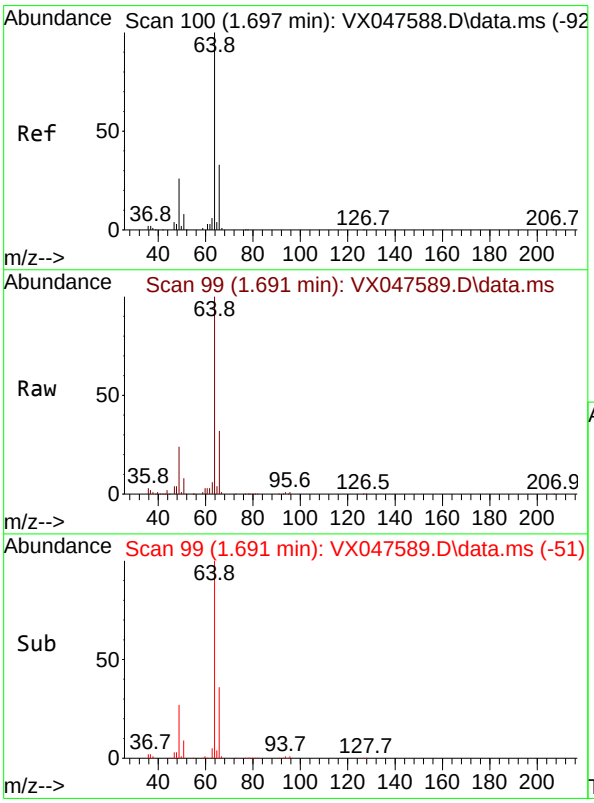
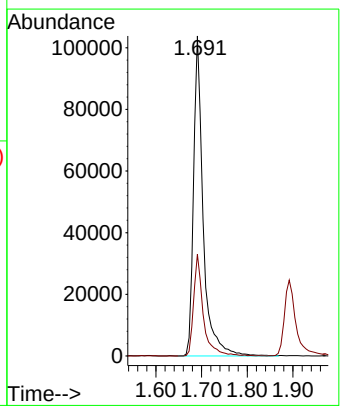
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

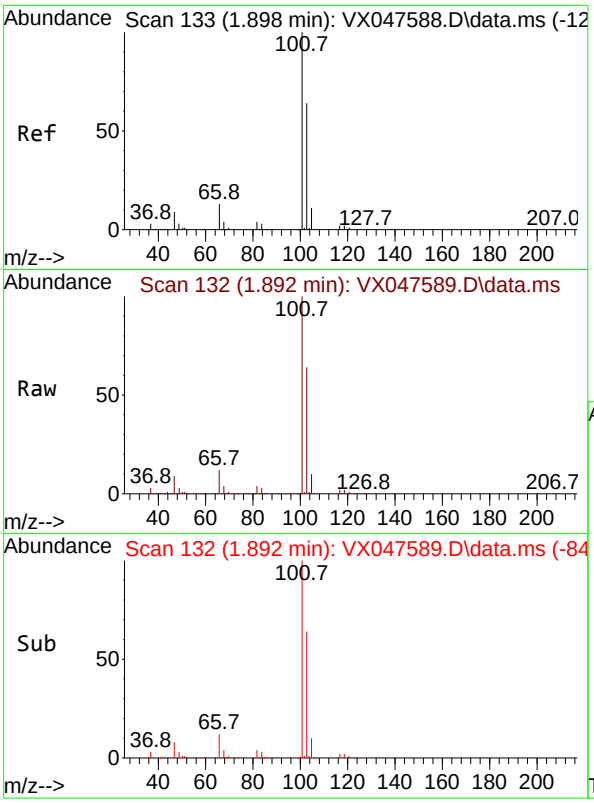


#6
Chloroethane
Concen: 101.167 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 64 Resp: 152487

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.1	39.1

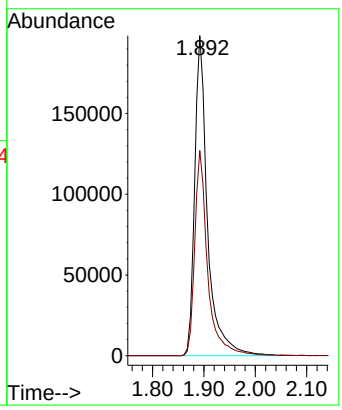




#7
Trichlorofluoromethane
Concen: 102.878 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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
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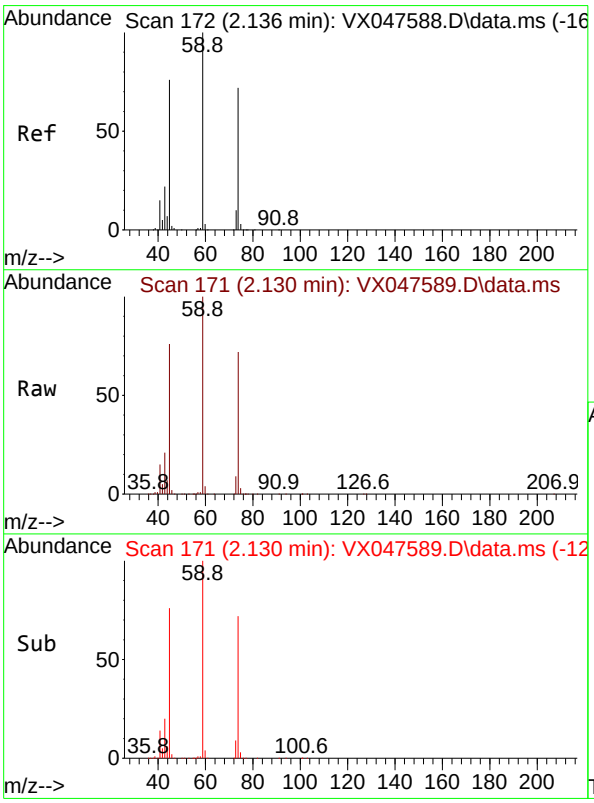
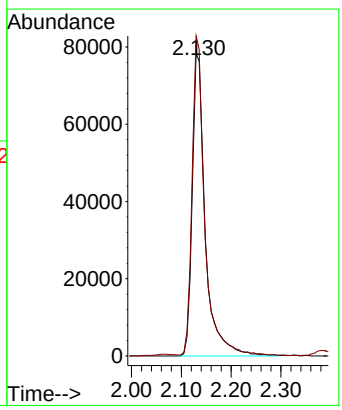
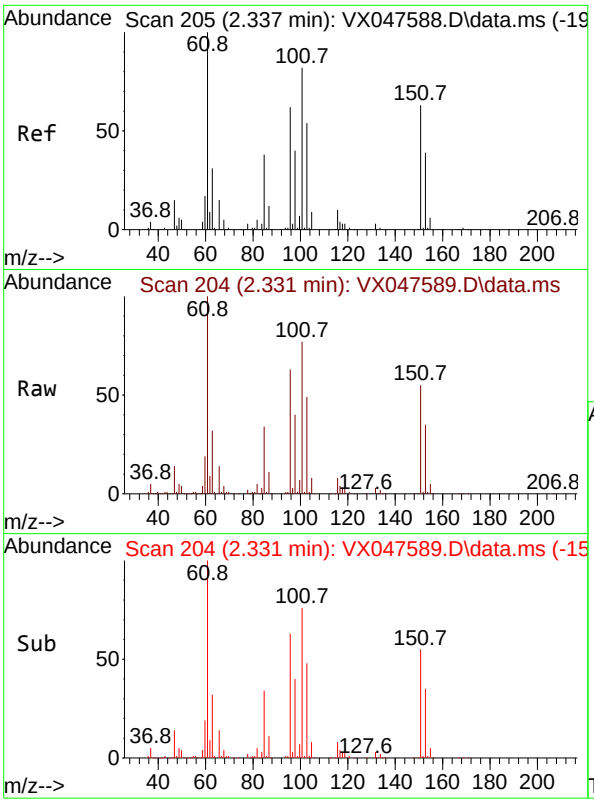


#8
Diethyl Ether
Concen: 103.695 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 74 Resp: 142038

Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.3	156.8

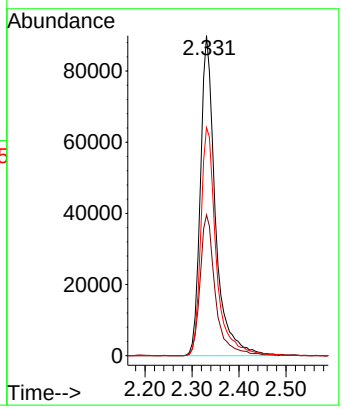




#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.067 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

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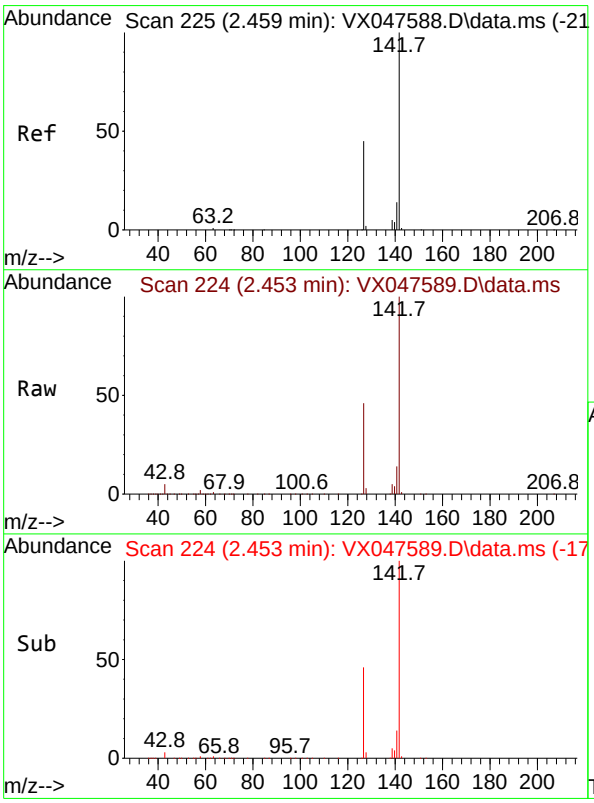
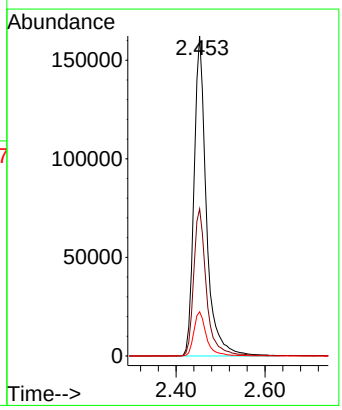
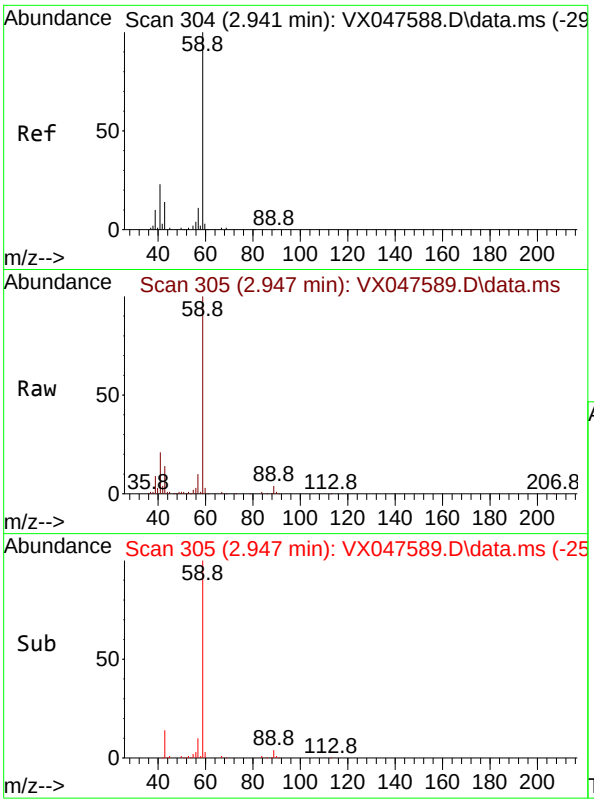


#10
Methyl Iodide
Concen: 102.531 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

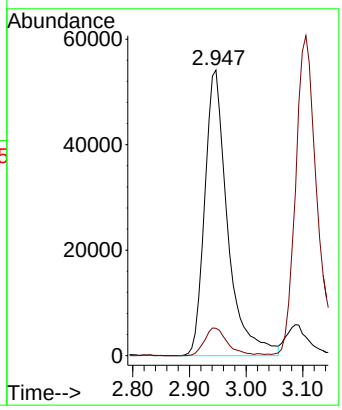




#11
Tert butyl alcohol
Concen: 506.863 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 59 Resp: 15210

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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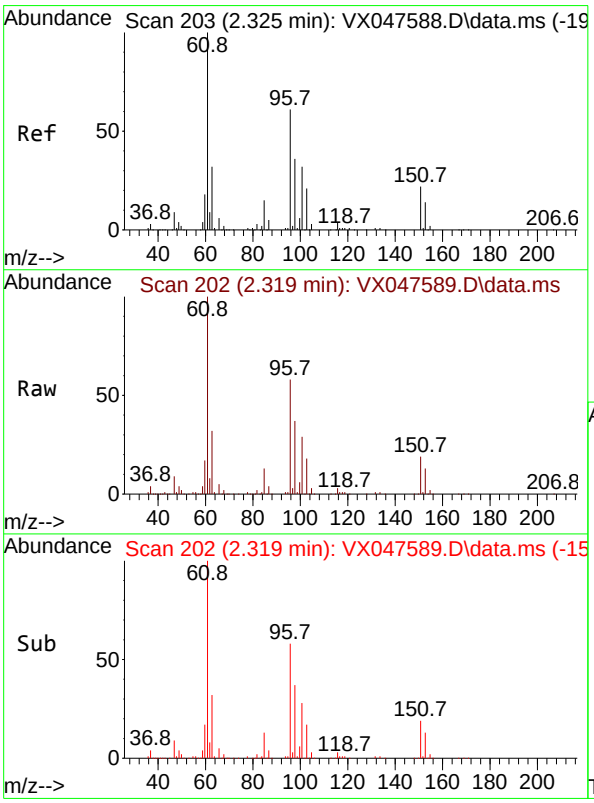
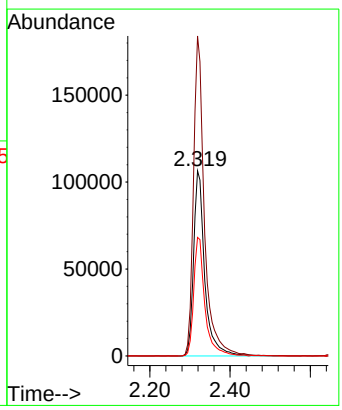
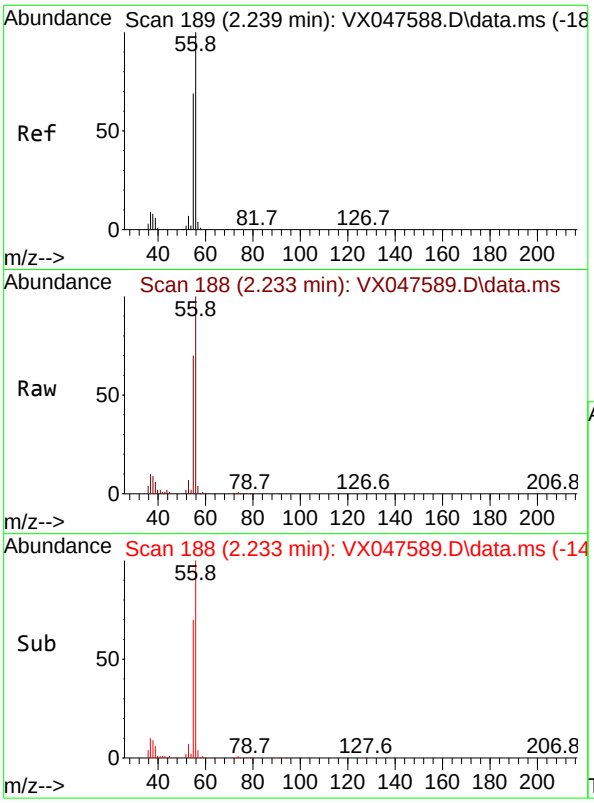


#12
1,1-Dichloroethene
Concen: 102.473 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

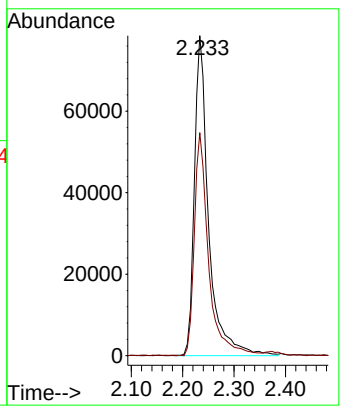




#13
Acrolein
Concen: 545.276 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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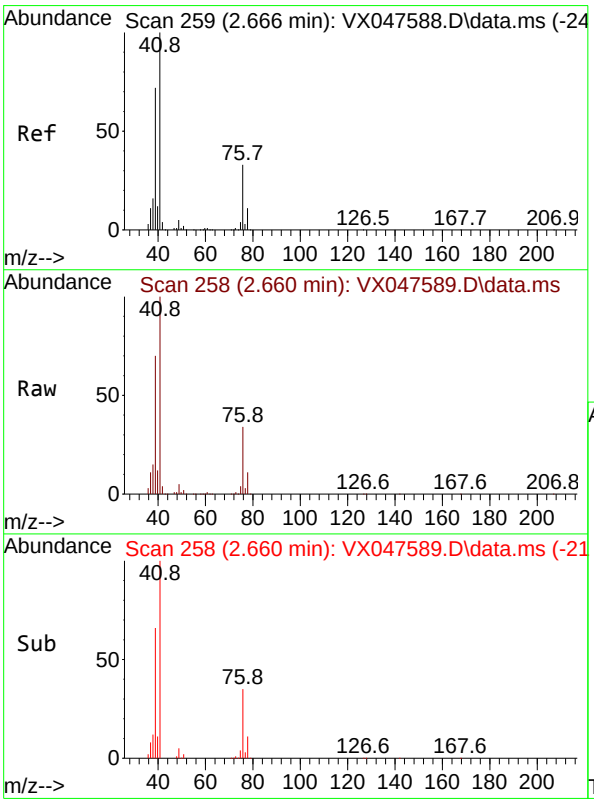
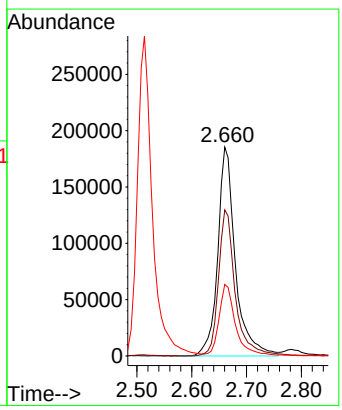
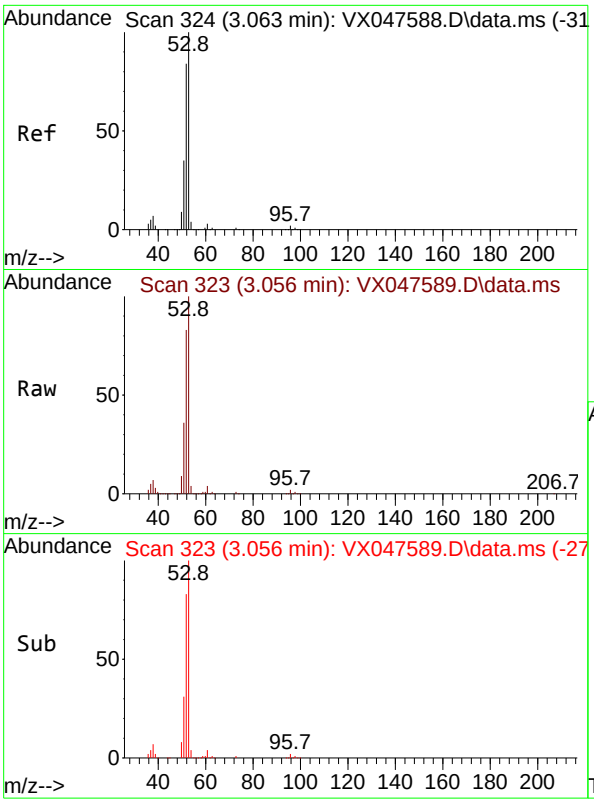


#14
Allyl chloride
Concen: 100.028 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

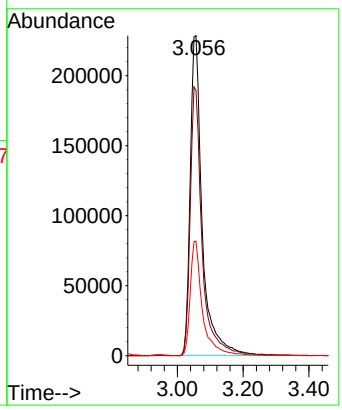




#15
Acrylonitrile
Concen: 522.897 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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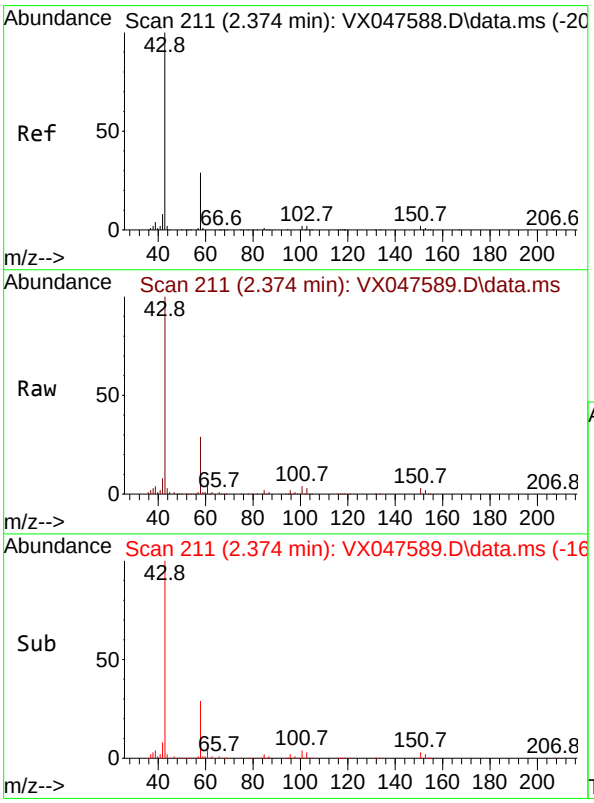
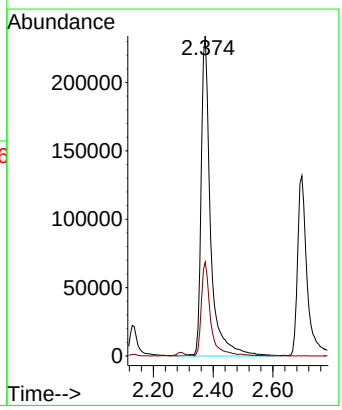
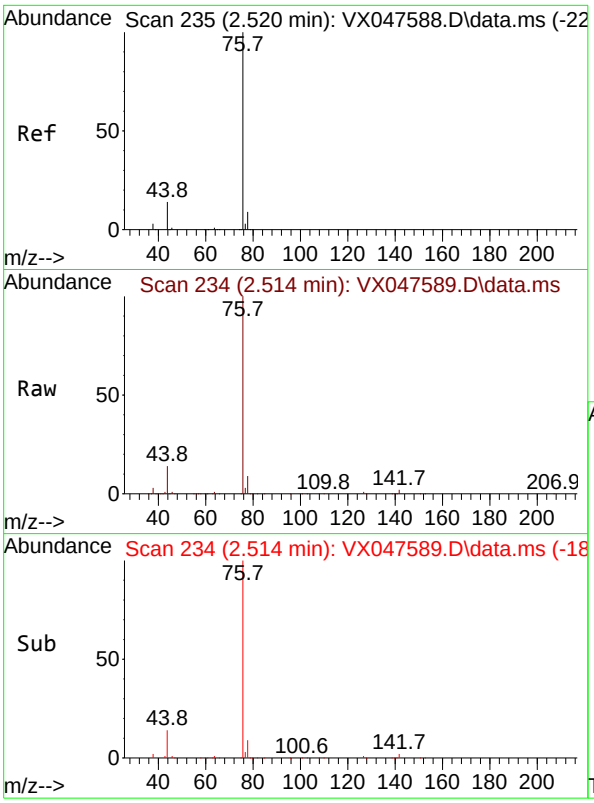


#16
Acetone
Concen: 435.772 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 510542

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0

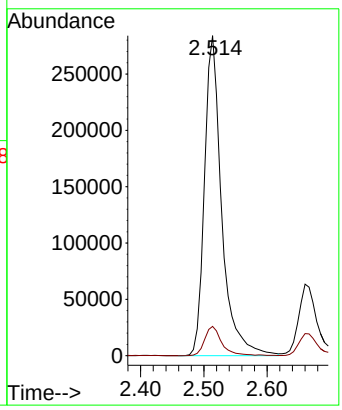




#17
Carbon Disulfide
Concen: 97.693 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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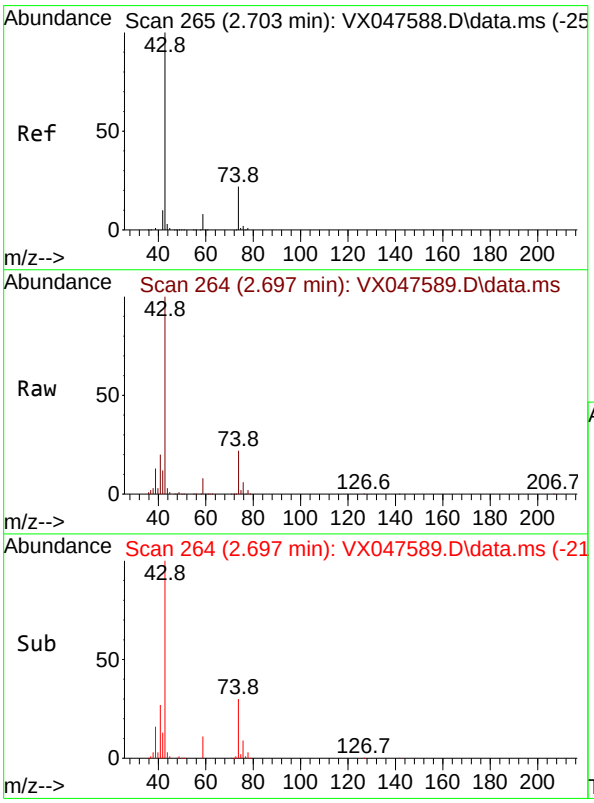
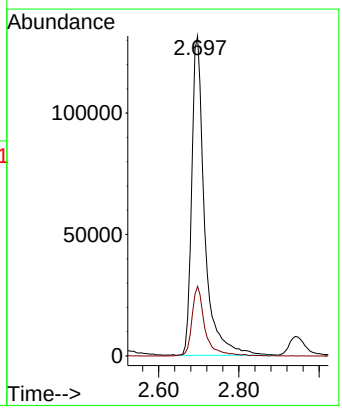
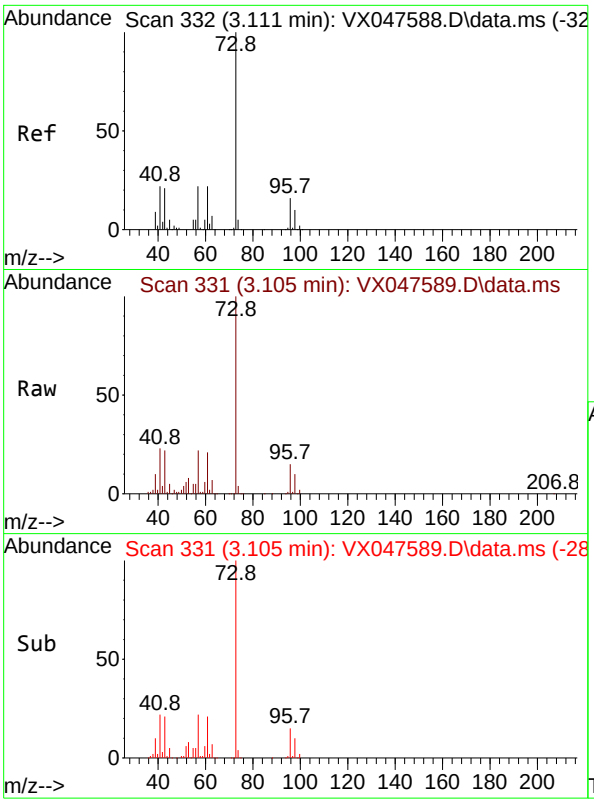


#18
Methyl Acetate
Concen: 112.324 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 292867

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

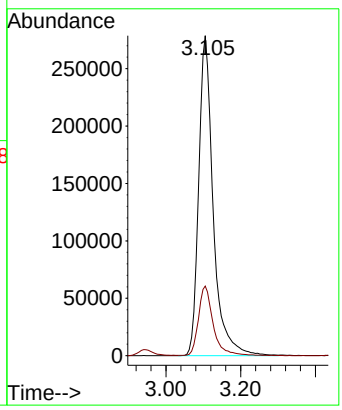




#19
Methyl tert-butyl Ether
Concen: 102.011 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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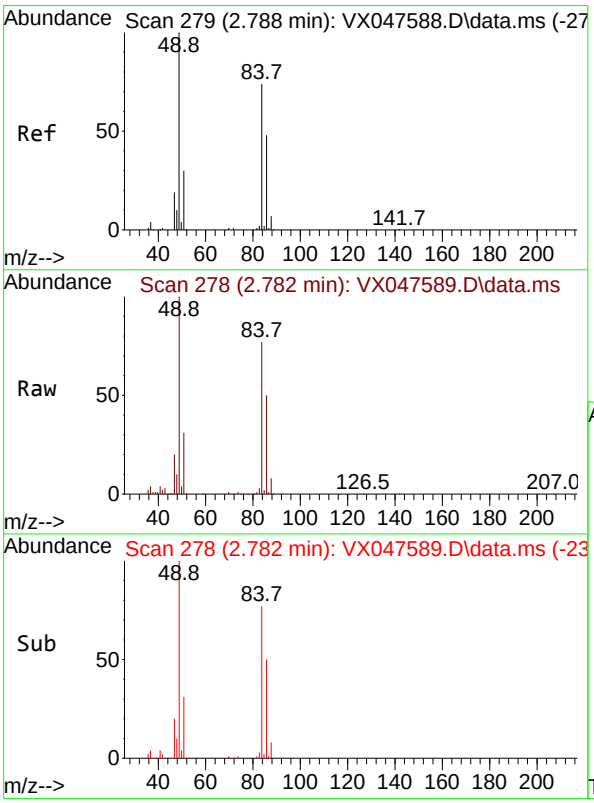
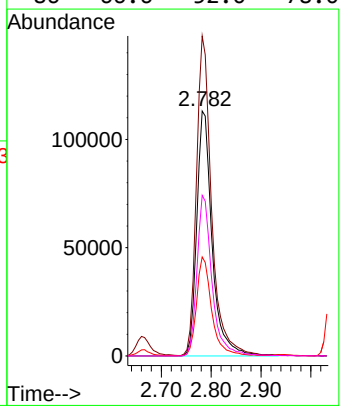
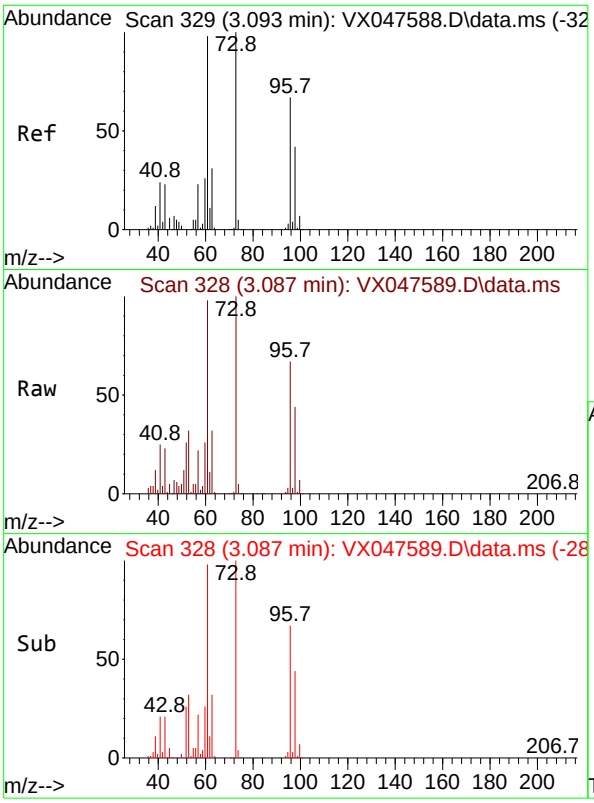


#20
Methylene Chloride
Concen: 97.805 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

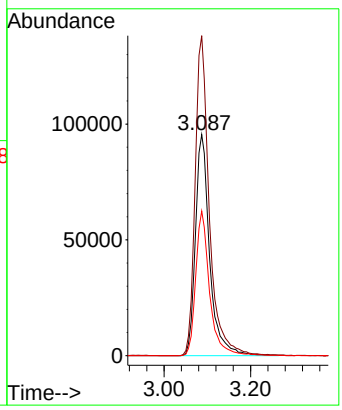




#21
trans-1,2-Dichloroethene
Concen: 100.566 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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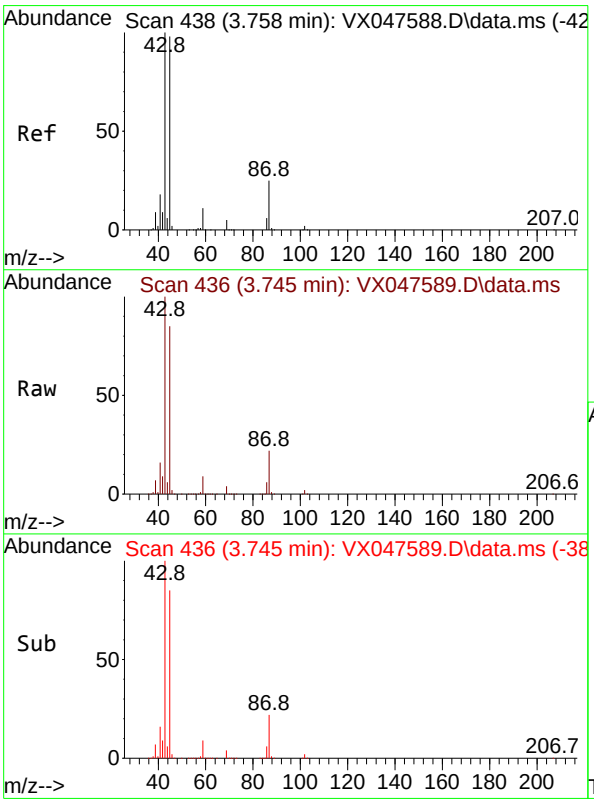
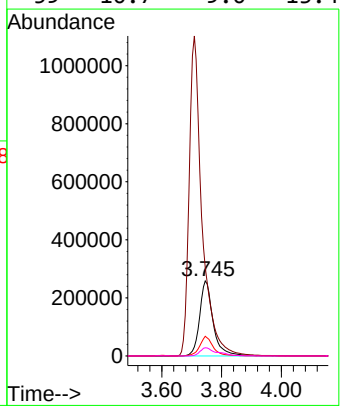
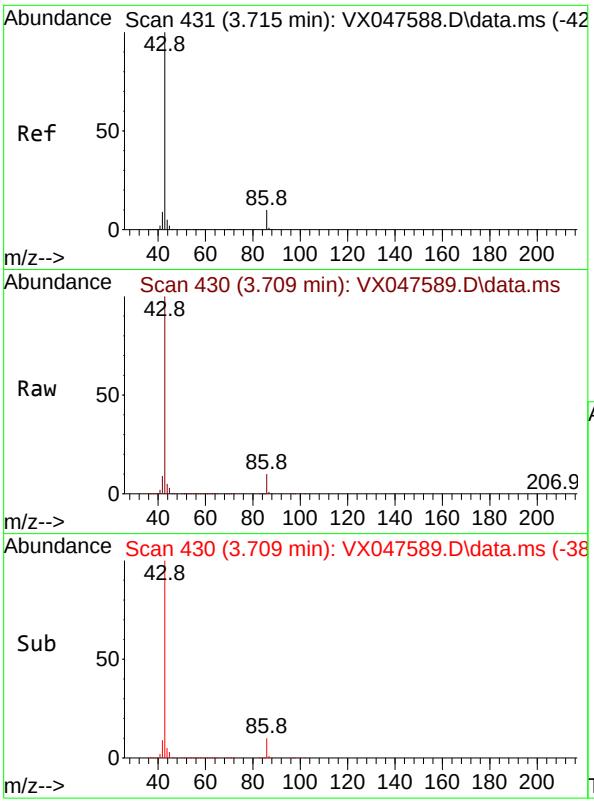


#22
Diisopropyl ether
Concen: 100.934 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

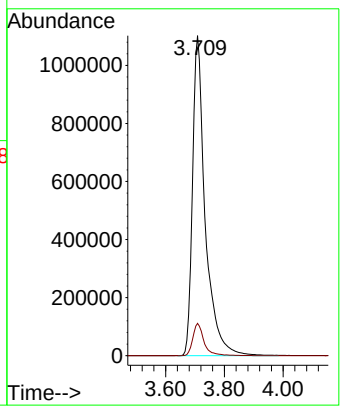




#23
Vinyl Acetate
Concen: 514.916 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 331470

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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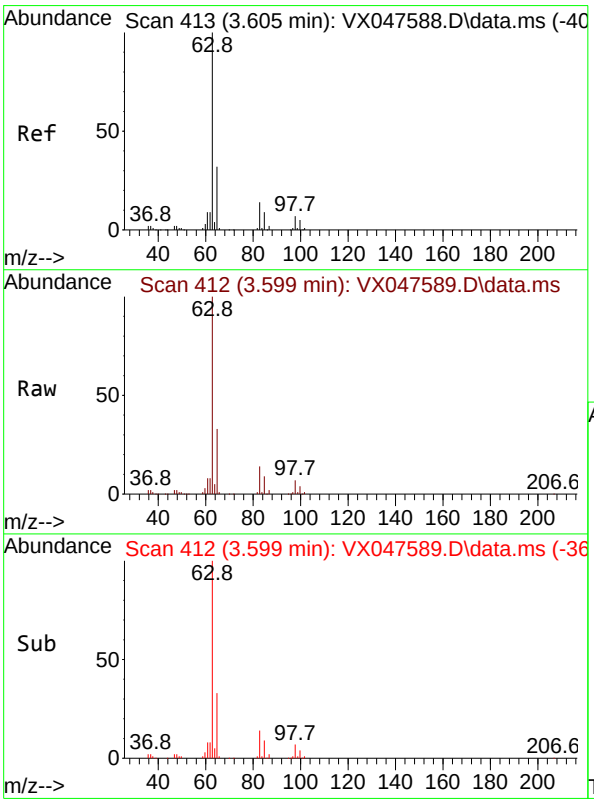
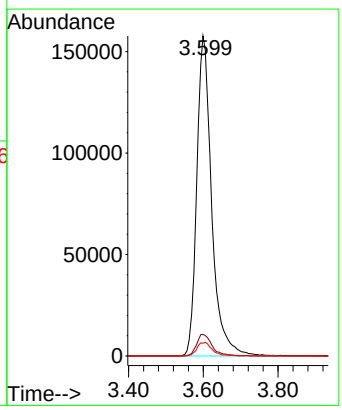
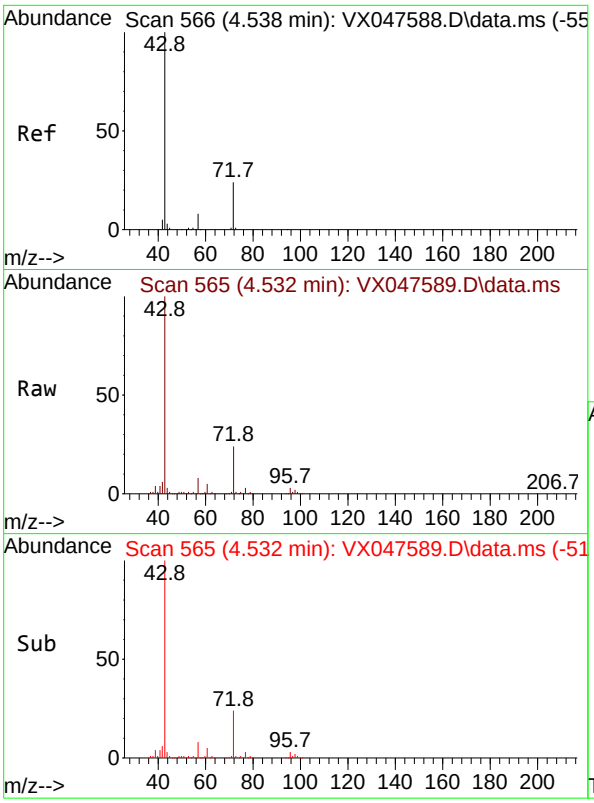


#24
1,1-Dichloroethane
Concen: 101.944 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

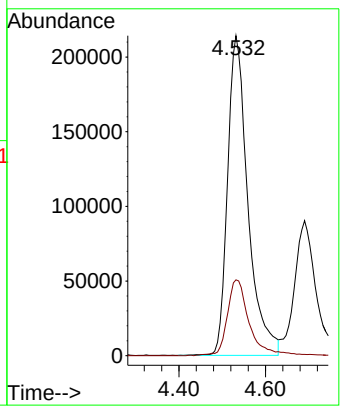




#25
2-Butanone
Concen: 479.558 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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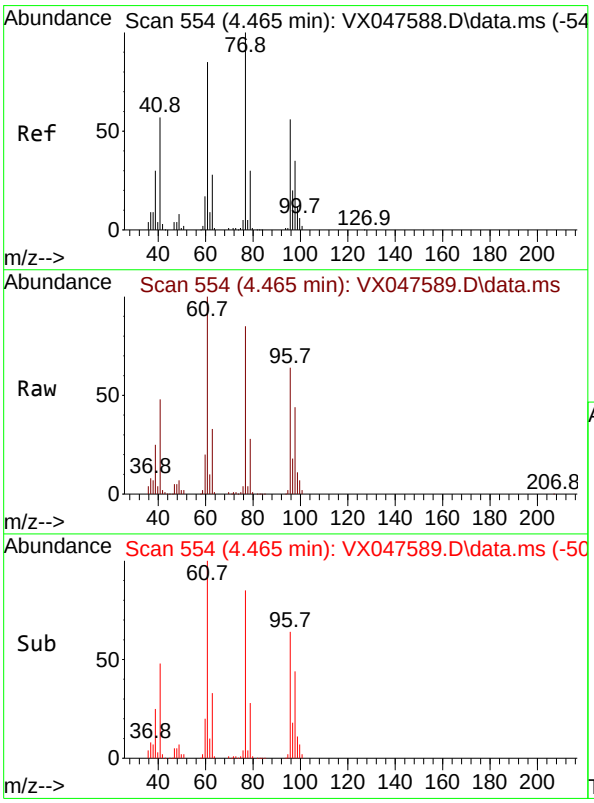
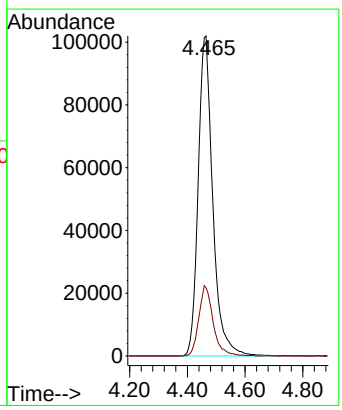
Supervised By :Mahesh Dadoda 09/18/2025

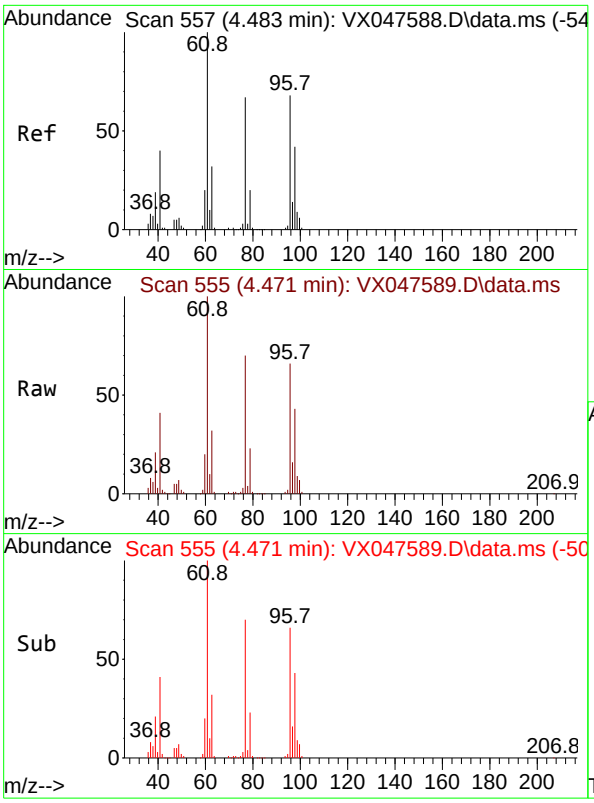


#26
2,2-Dichloropropane
Concen: 100.542 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 77 Resp: 357292

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.9	32.7

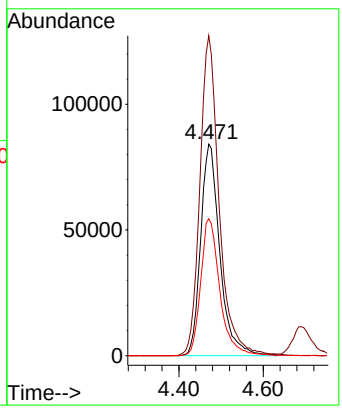




#27
cis-1,2-Dichloroethene
Concen: 100.516 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

Manual Integrations
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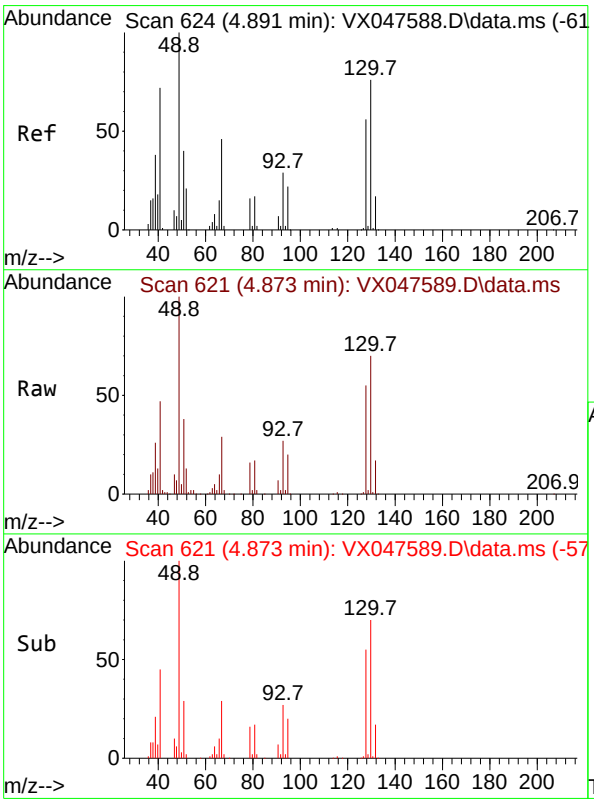
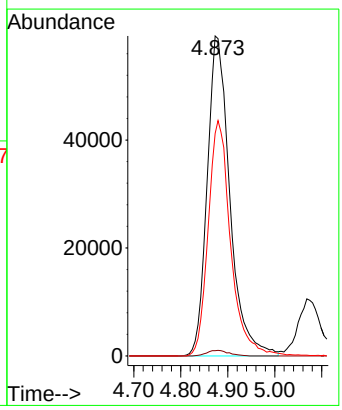
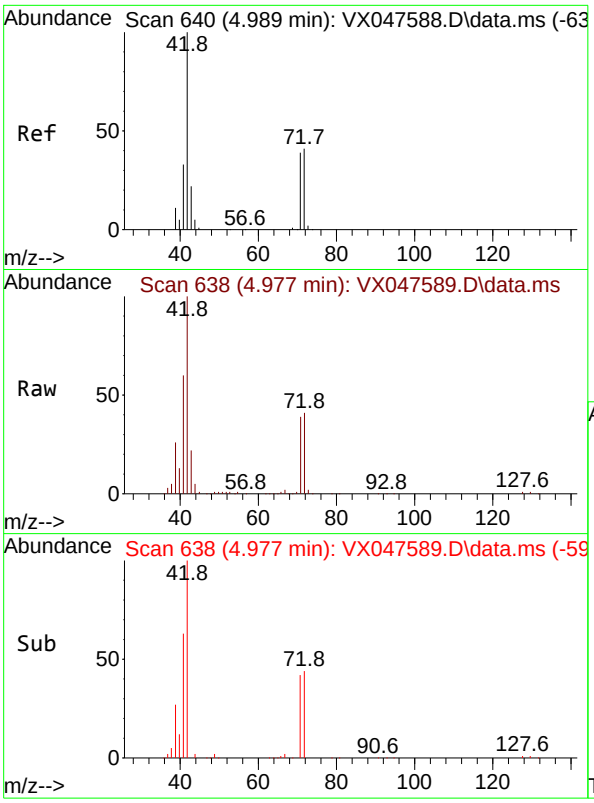


#28
Bromochloromethane
Concen: 106.512 ug/l
RT: 4.873 min Scan# 621
Delta R.T. -0.018 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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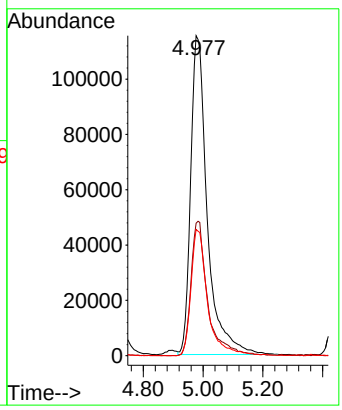
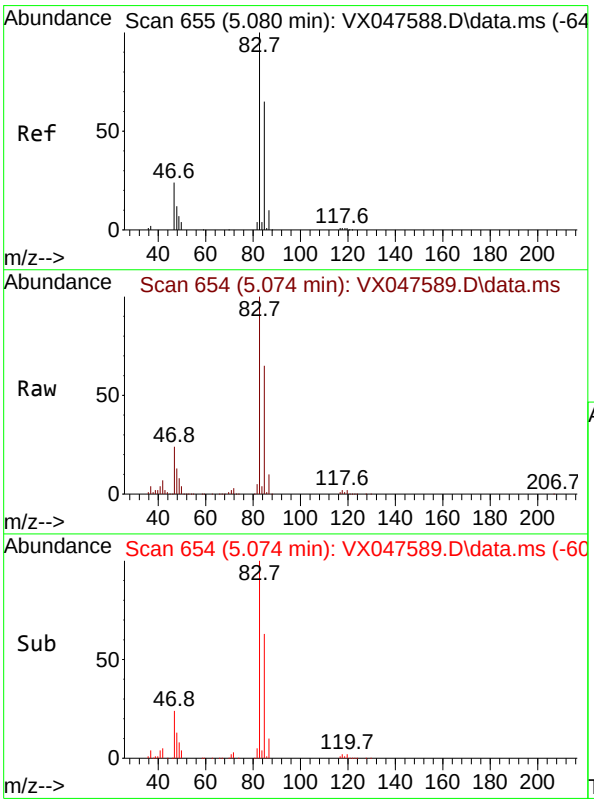
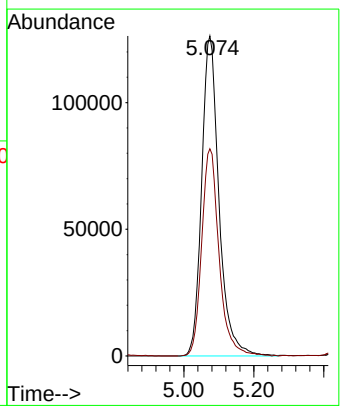


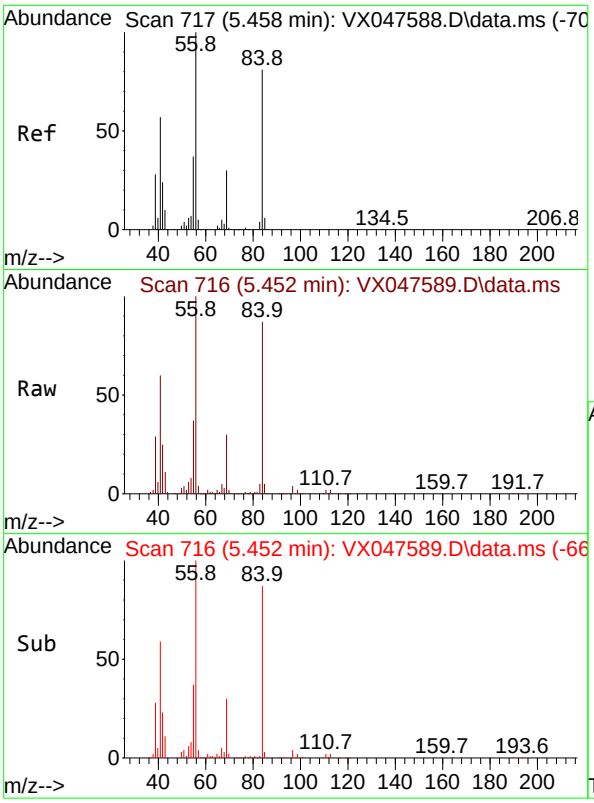


#30
Chloroform
Concen: 100.447 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 433937

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.6

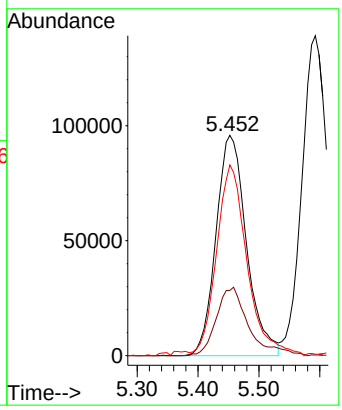




#31
Cyclohexane
Concen: 93.523 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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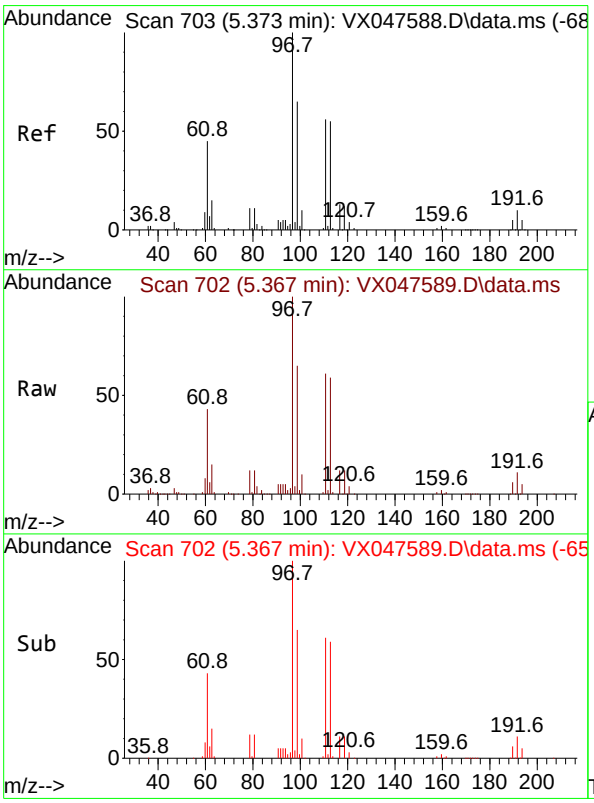
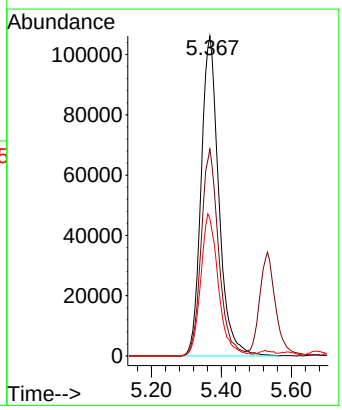
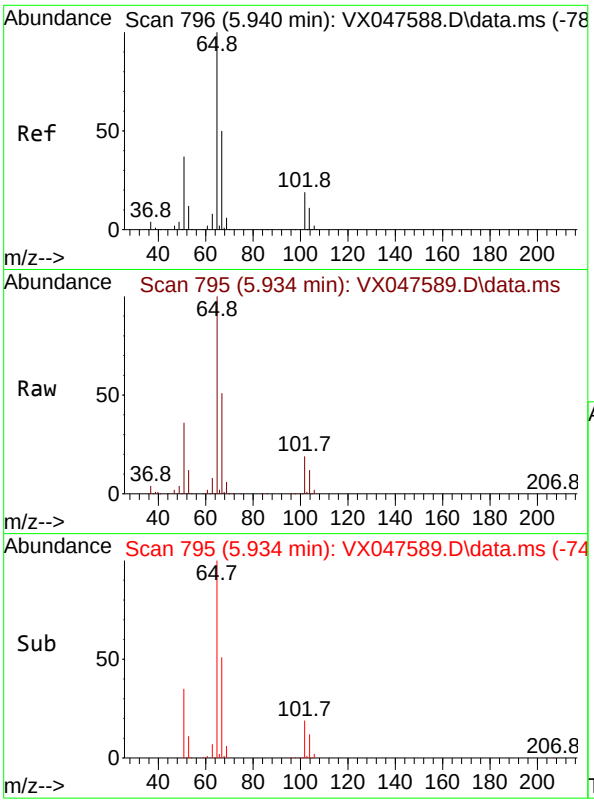


#32
1,1,1-Trichloroethane
Concen: 101.607 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

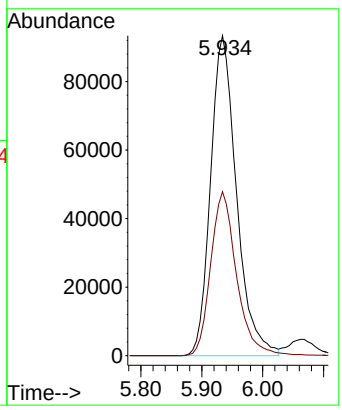




#33
1,2-Dichloroethane-d4
Concen: 102.341 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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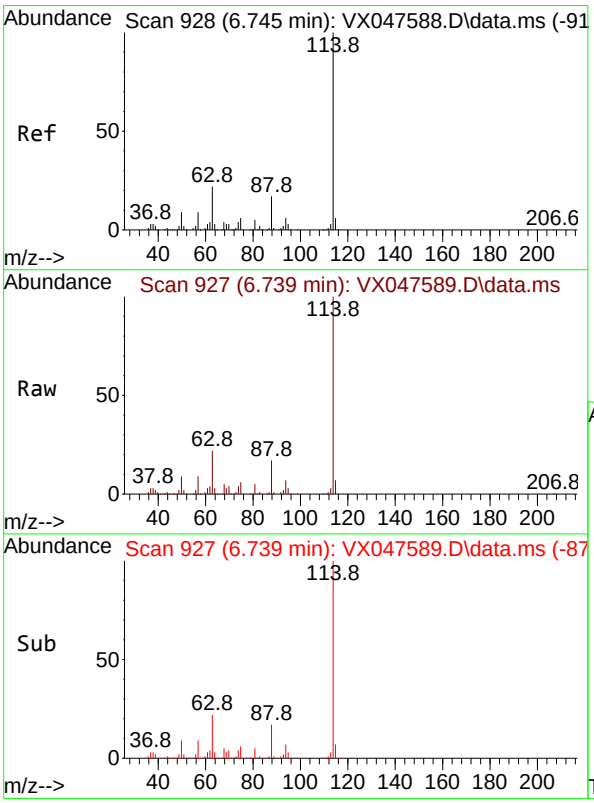
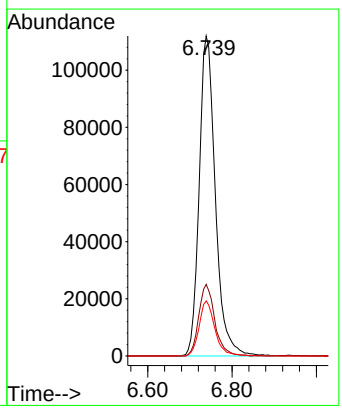
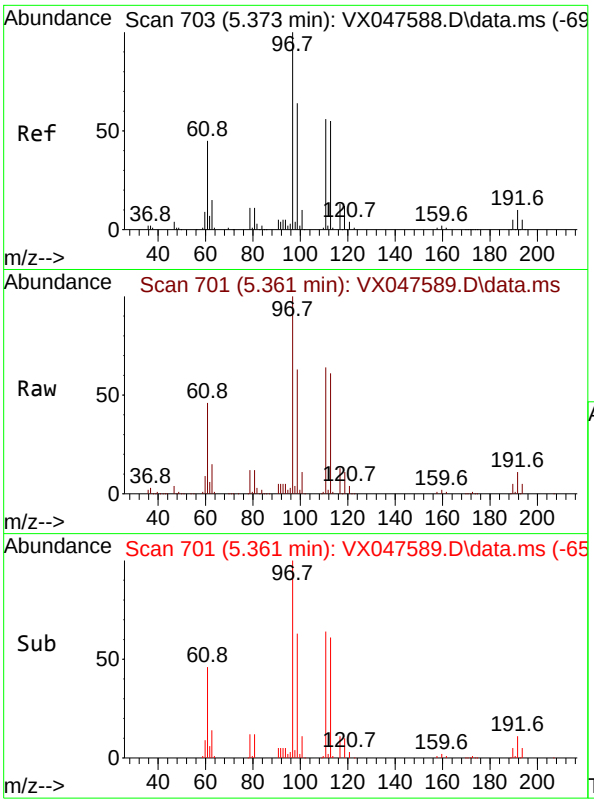


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

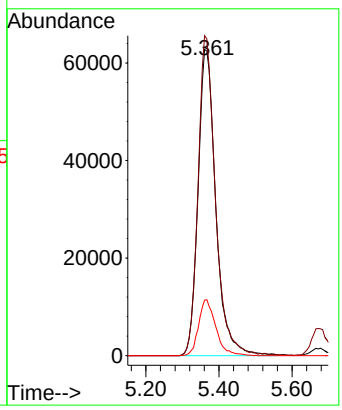




#35
Dibromofluoromethane
Concen: 105.962 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

Manual Integrations
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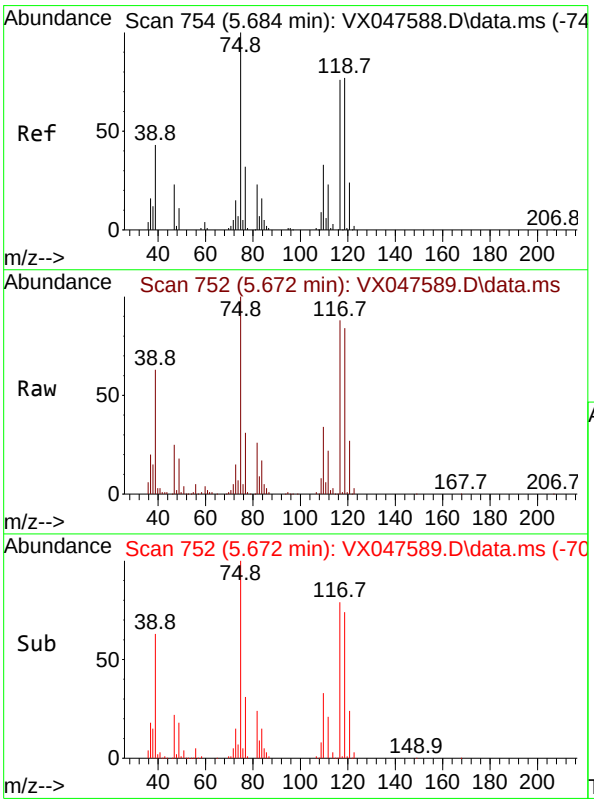
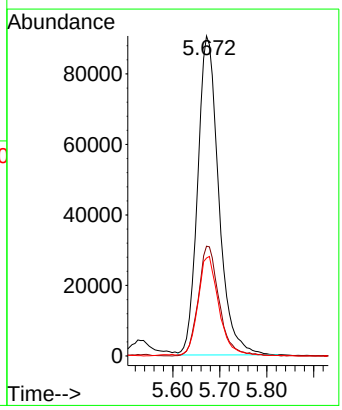
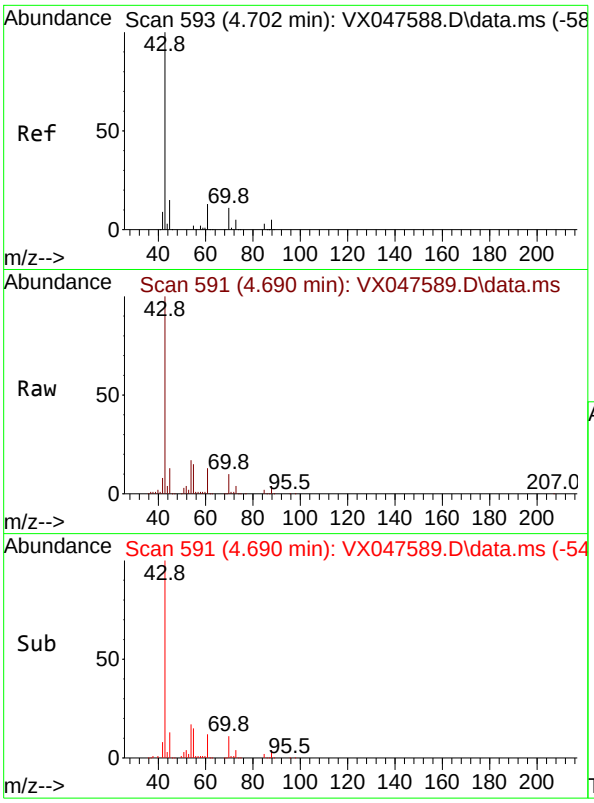


#36
1,1-Dichloropropene
Concen: 96.149 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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 :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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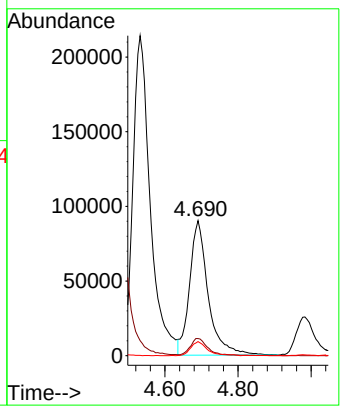
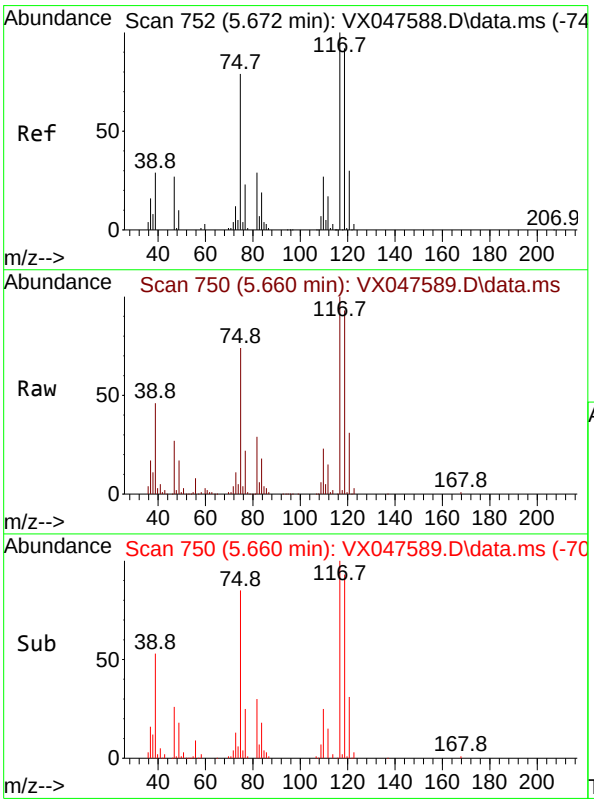
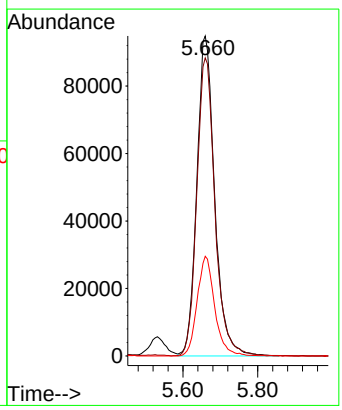


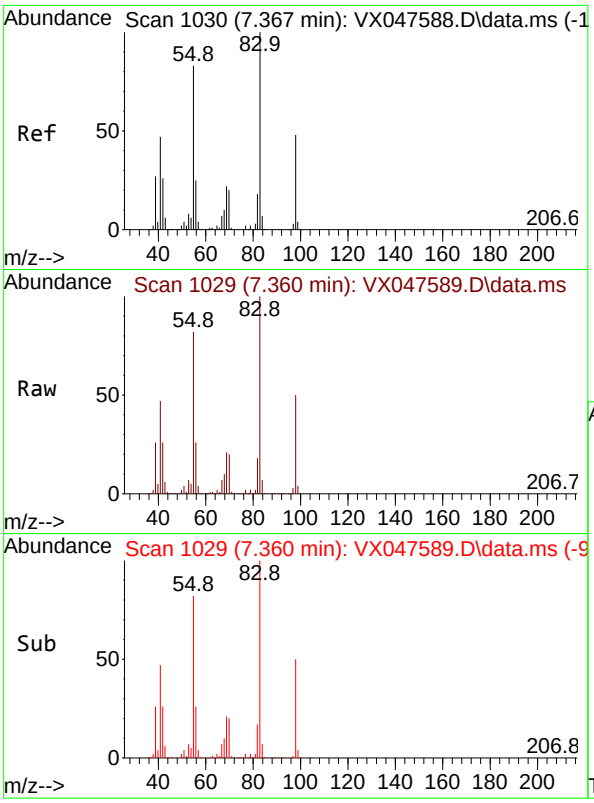


#38
Carbon Tetrachloride
Concen: 98.891 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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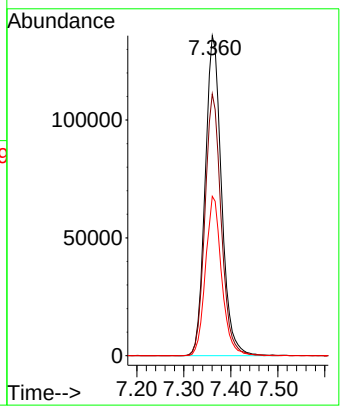
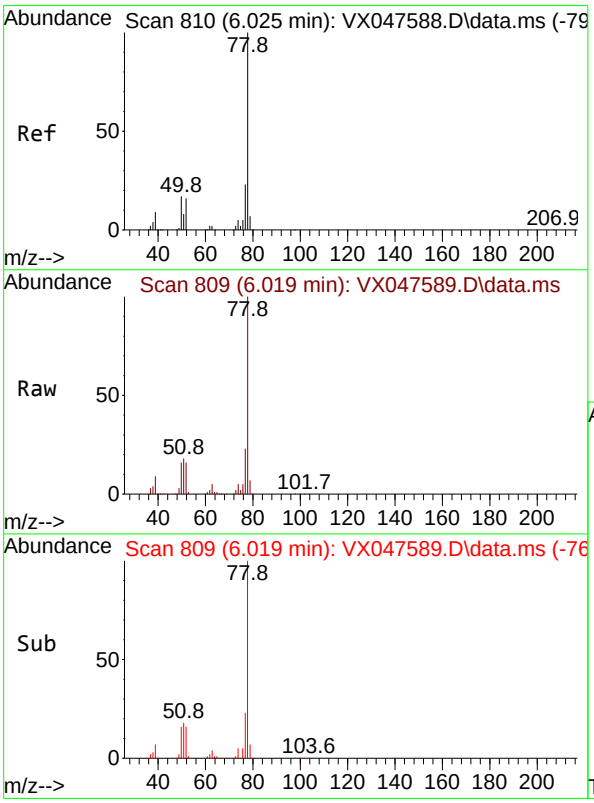
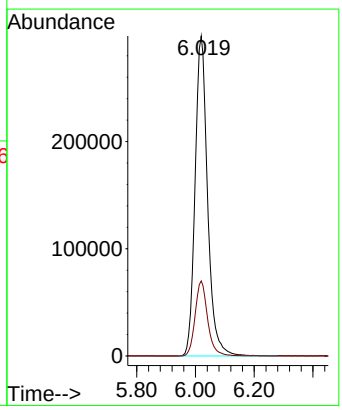


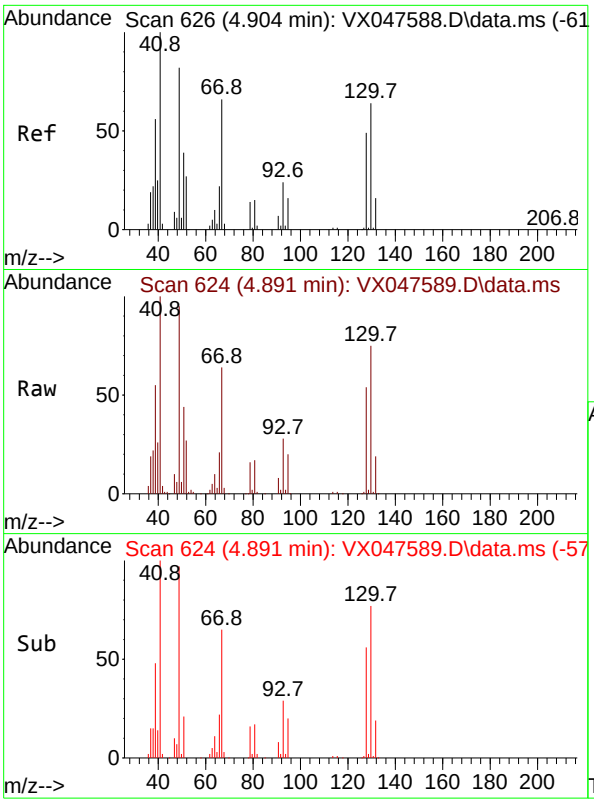


#40
Benzene
Concen: 99.009 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 78 Resp: 880885

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

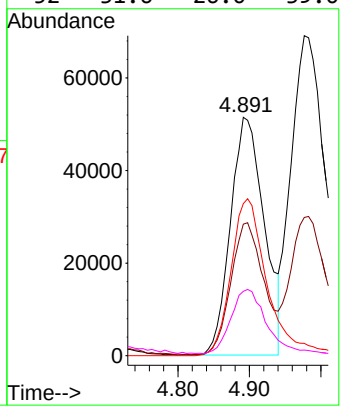




#41
Methacrylonitrile
Concen: 104.220 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

Manual Integrations
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Reviewed By :John Carlone 09/17/2025
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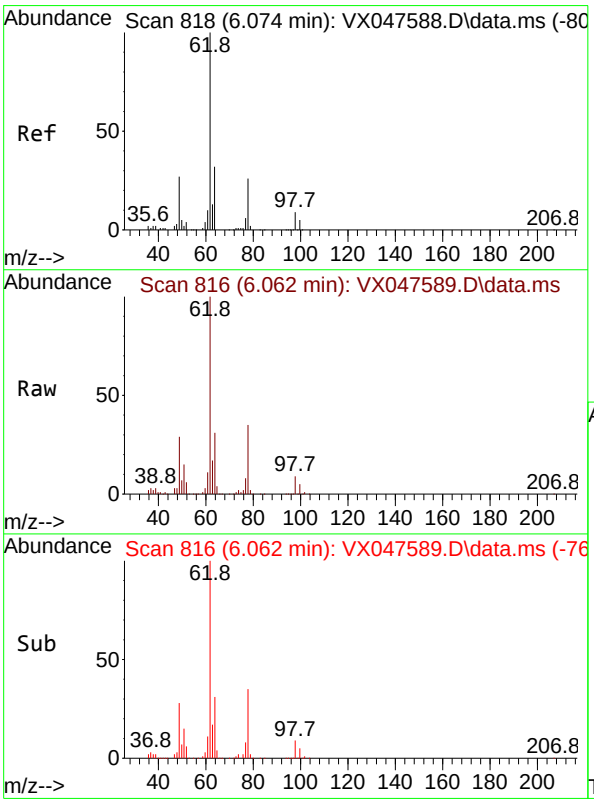
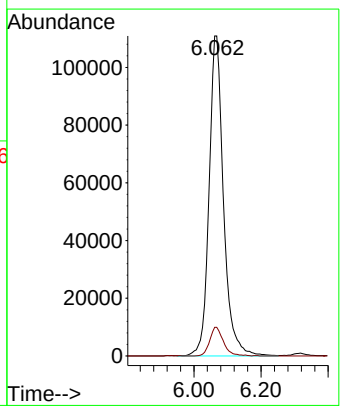
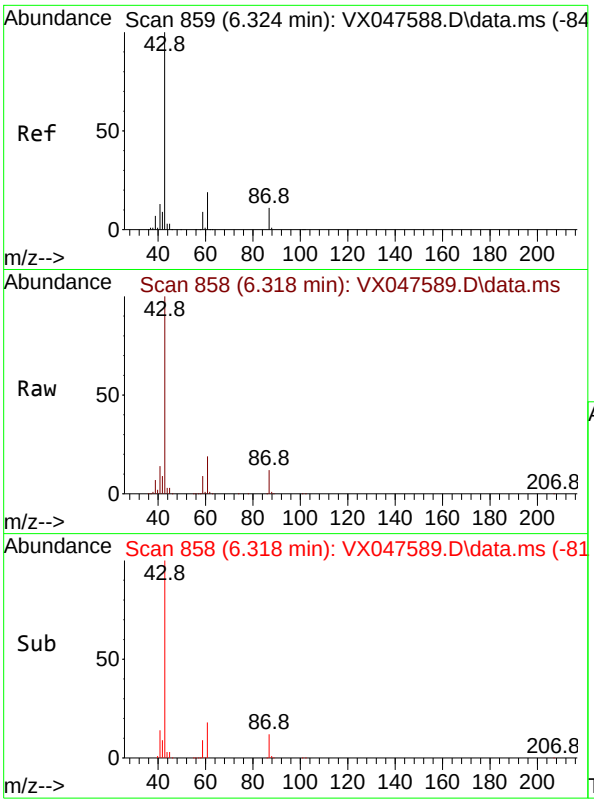


#42
1,2-Dichloroethane
Concen: 97.916 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 331465

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0

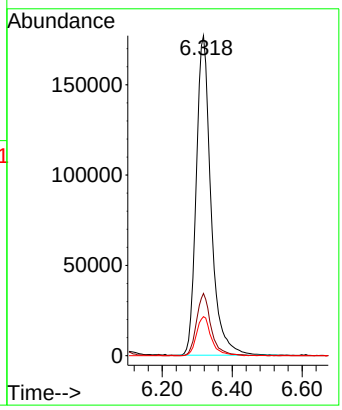




#43
Isopropyl Acetate
Concen: 100.482 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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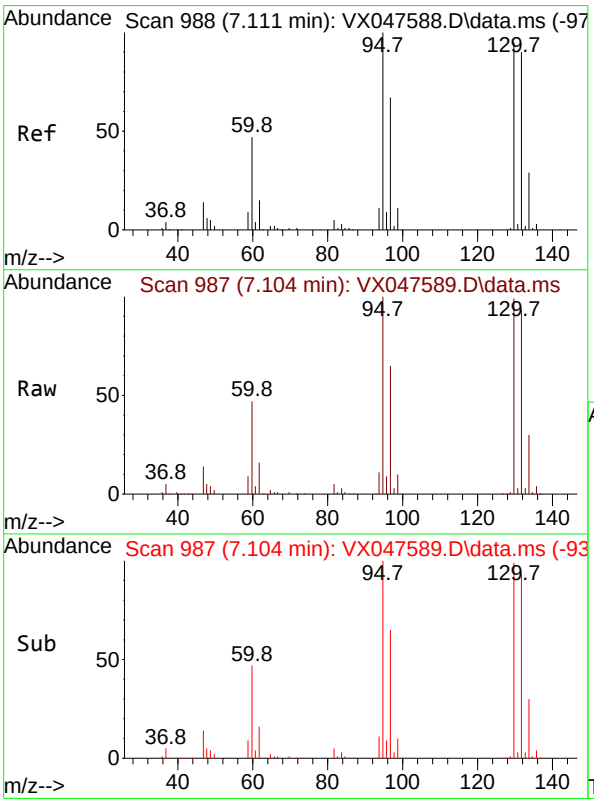
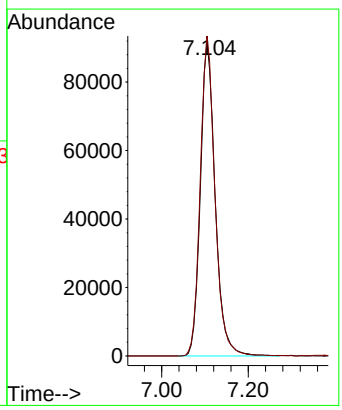
Supervised By :Mahesh Dadoda 09/18/2025

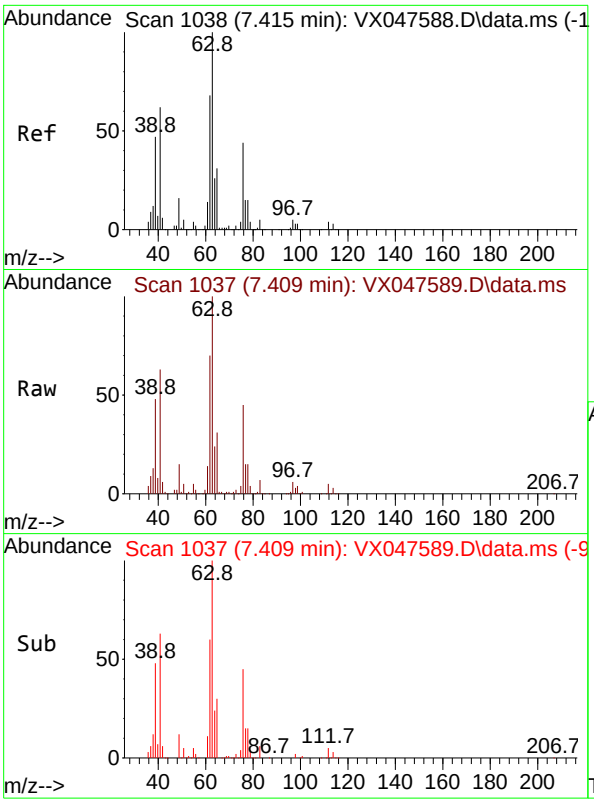


#44
Trichloroethene
Concen: 101.234 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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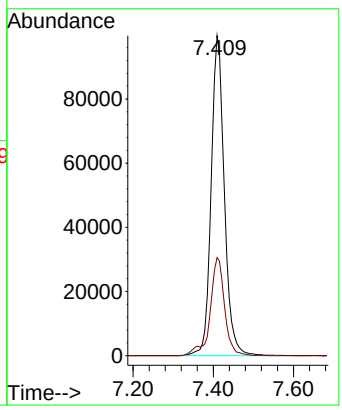
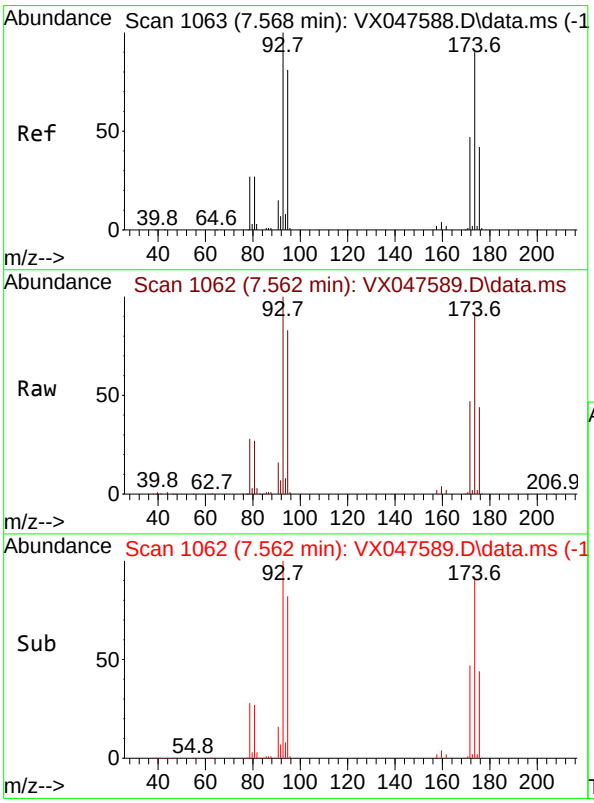
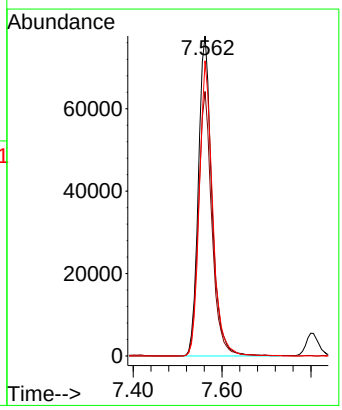


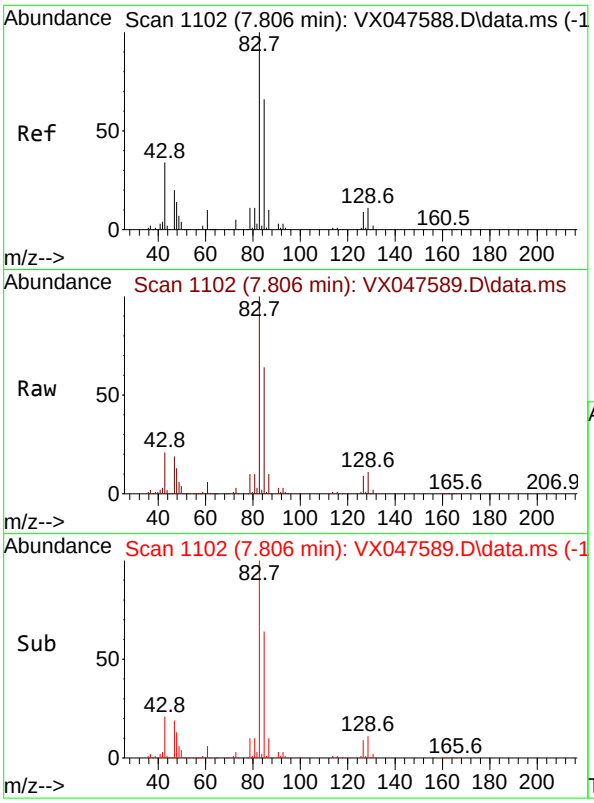


#46
Dibromomethane
Concen: 99.519 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

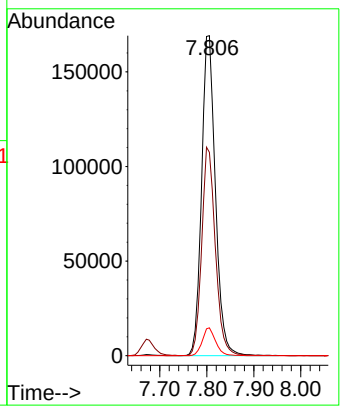




#47
Bromodichloromethane
Concen: 101.136 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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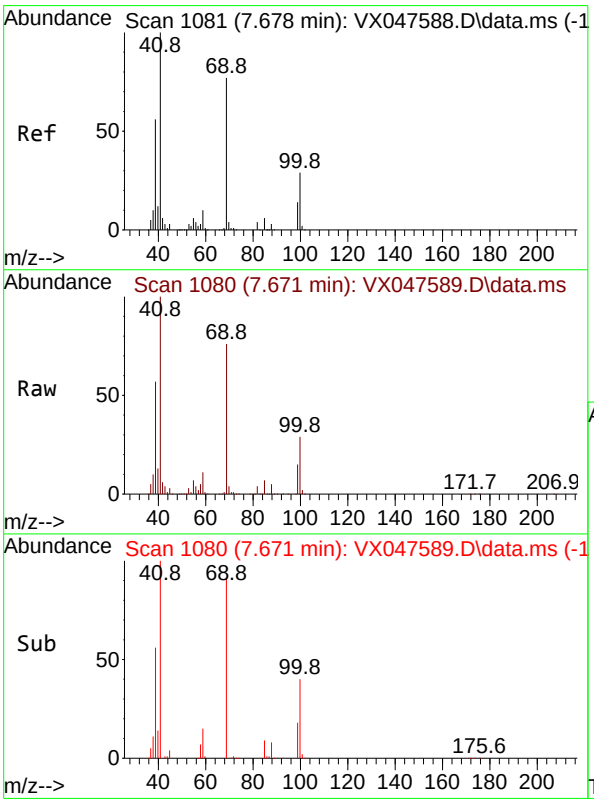
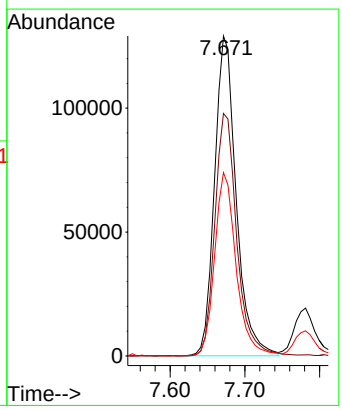
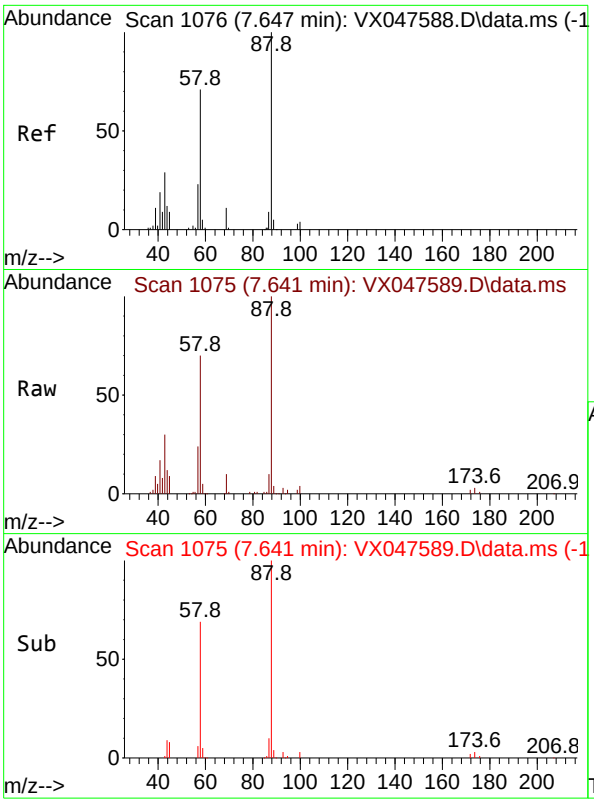


#48
Methyl methacrylate
Concen: 101.612 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

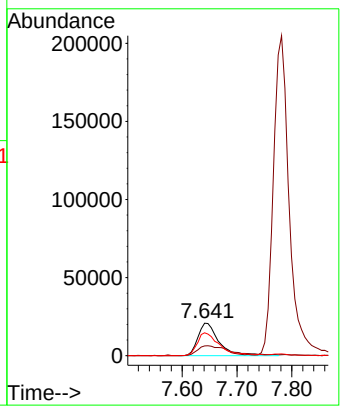




#49
1,4-Dioxane
Concen: 2190.315 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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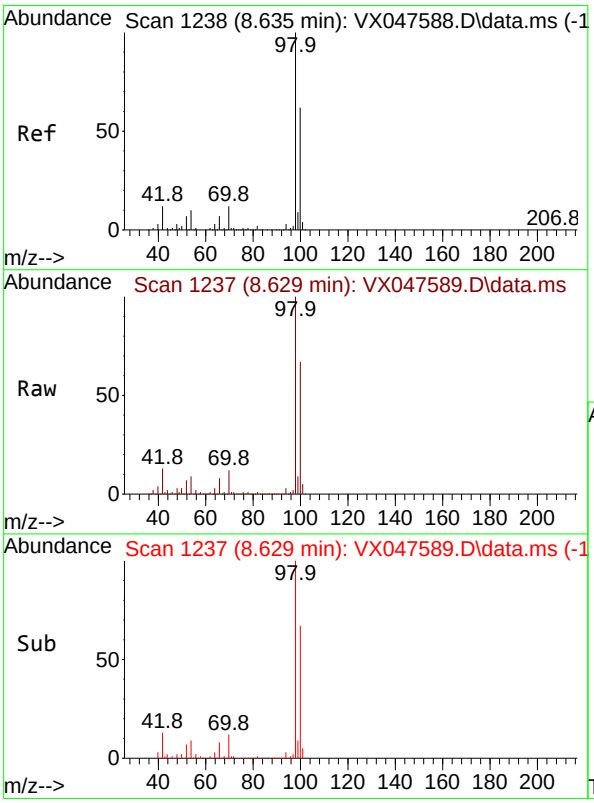
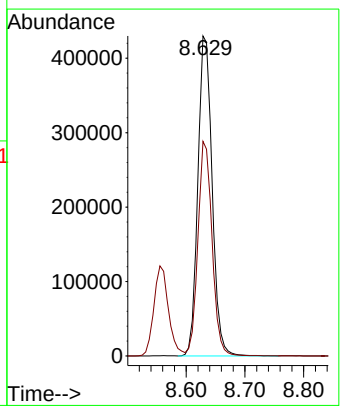
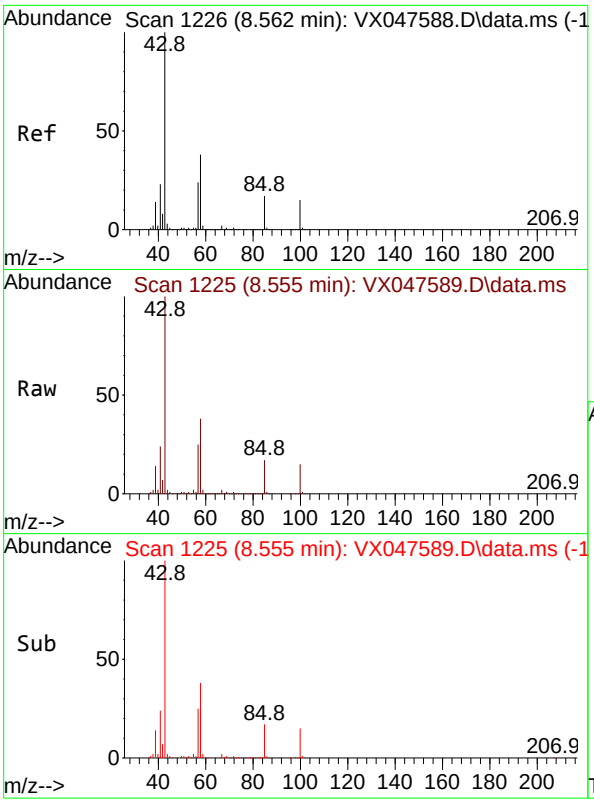


#50
Toluene-d8
Concen: 104.386 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 98 Resp: 724078

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

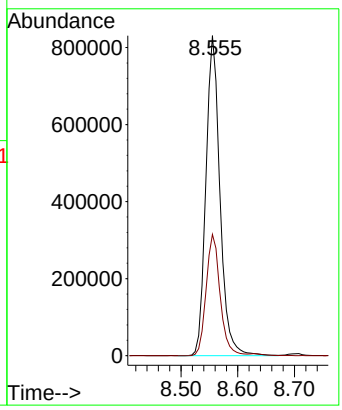




#51
4-Methyl-2-Pentanone
Concen: 501.834 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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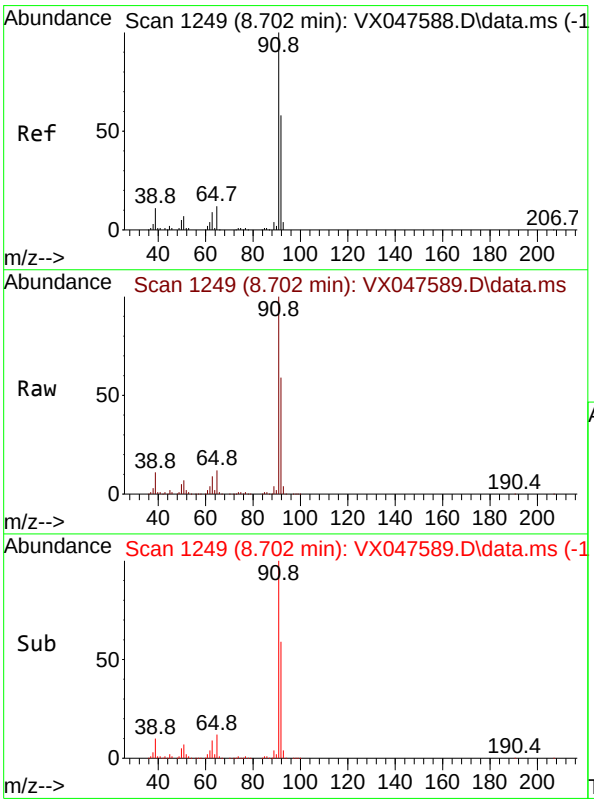
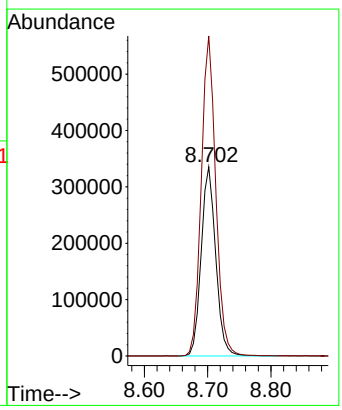
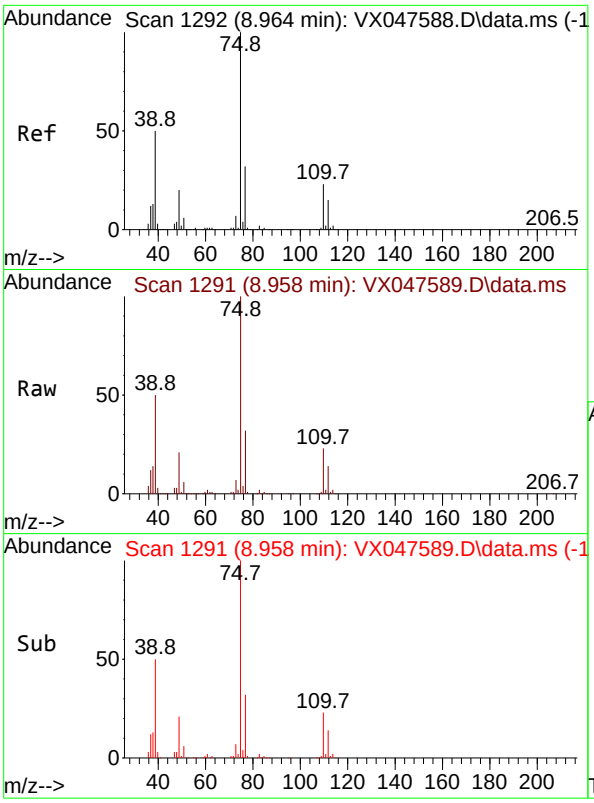


#52
Toluene
Concen: 97.811 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 92 Resp: 536148

Ion	Ratio	Lower	Upper
92	100		
91	169.3	137.1	205.7

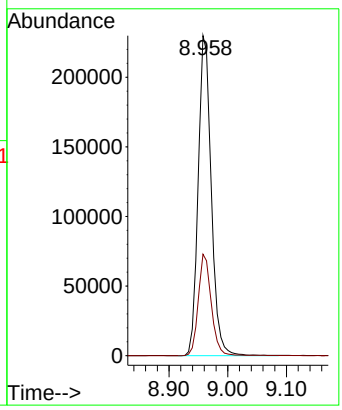




#53
t-1,3-Dichloropropene
Concen: 101.986 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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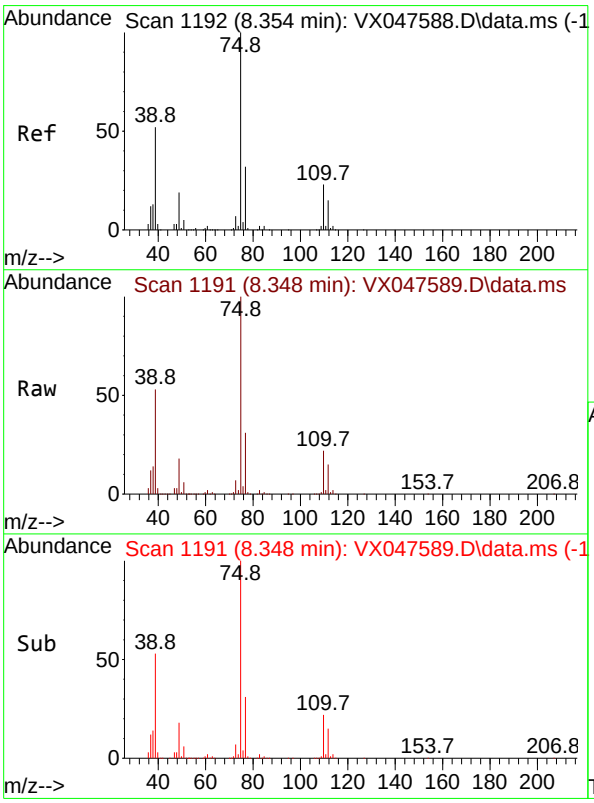
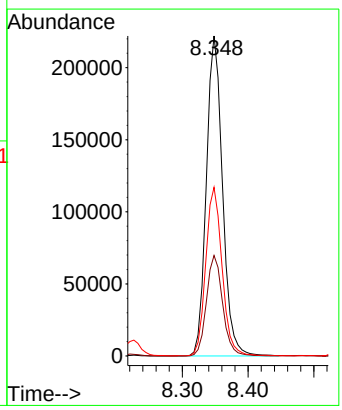
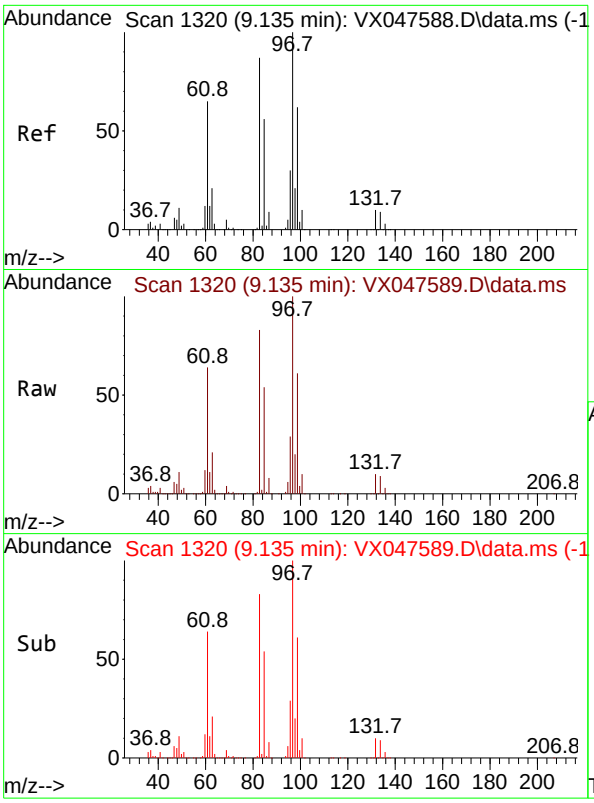


#54
cis-1,3-Dichloropropene
Concen: 102.038 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

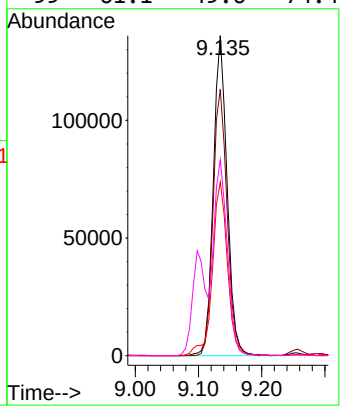




#55
1,1,2-Trichloroethane
Concen: 97.434 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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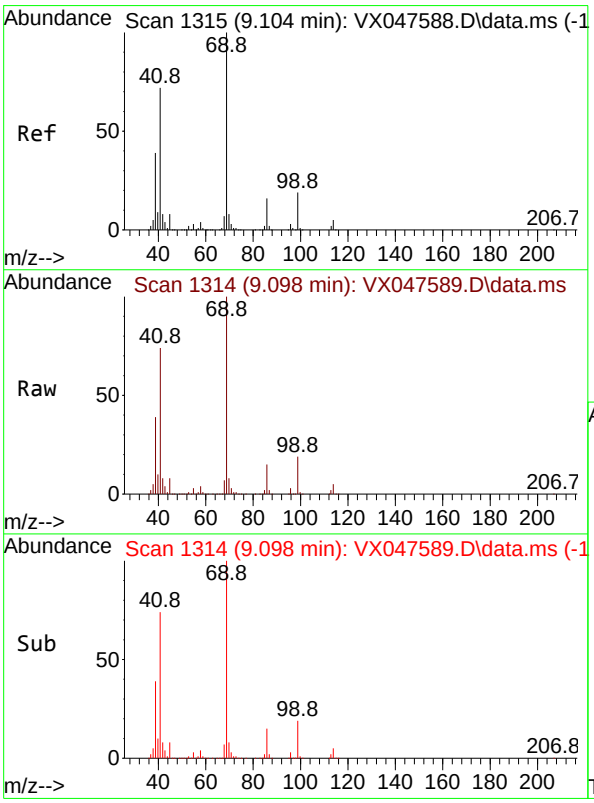
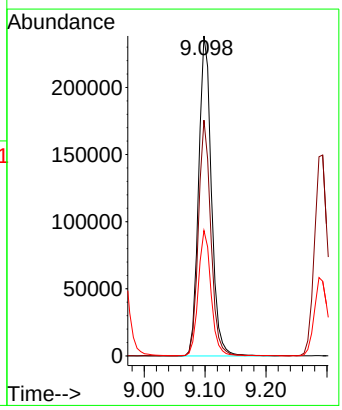
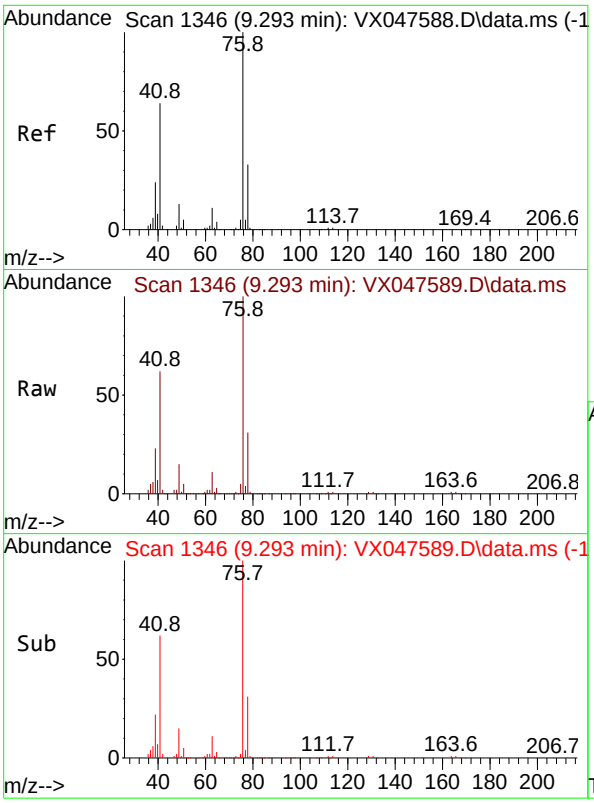


#56
Ethyl methacrylate
Concen: 104.435 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

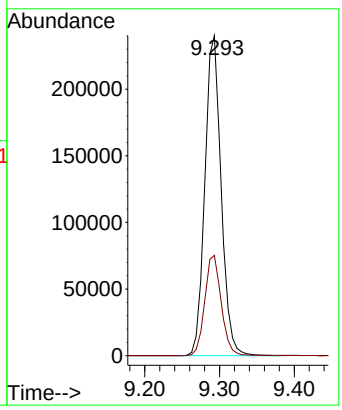




#57
1,3-Dichloropropane
Concen: 99.935 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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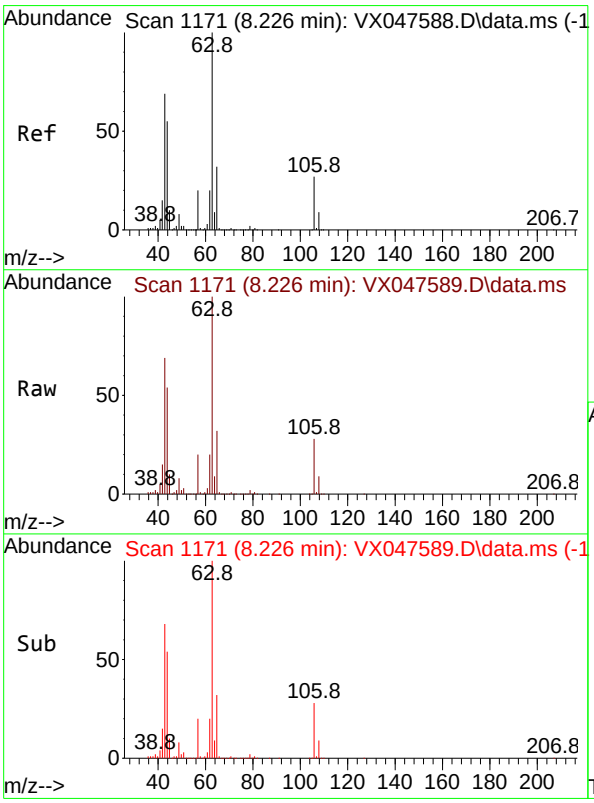
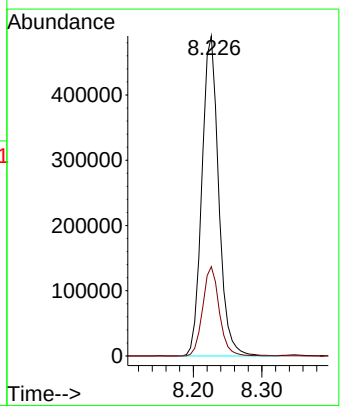
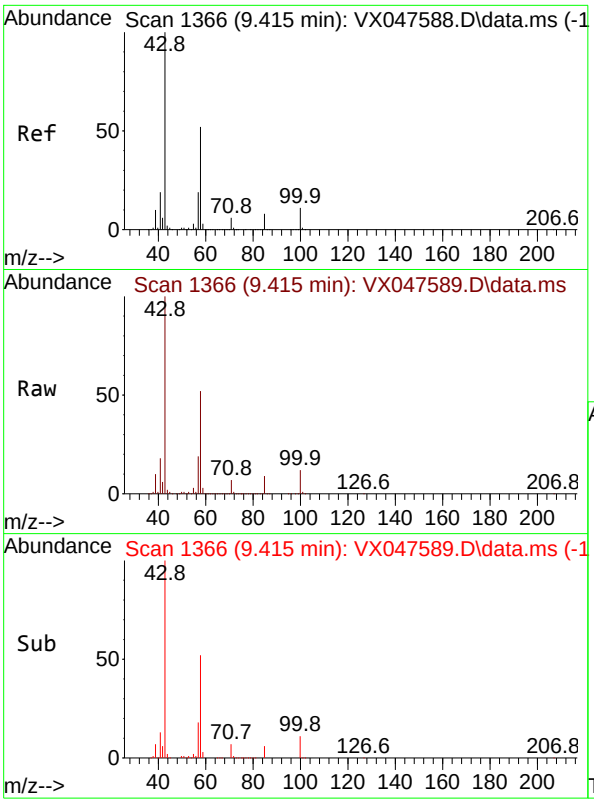


#58
2-Chloroethyl Vinyl ether
Concen: 499.814 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 836362

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9

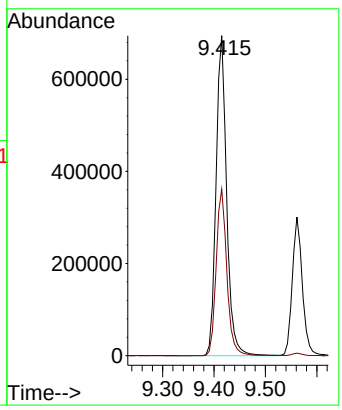




#59
2-Hexanone
Concen: 486.380 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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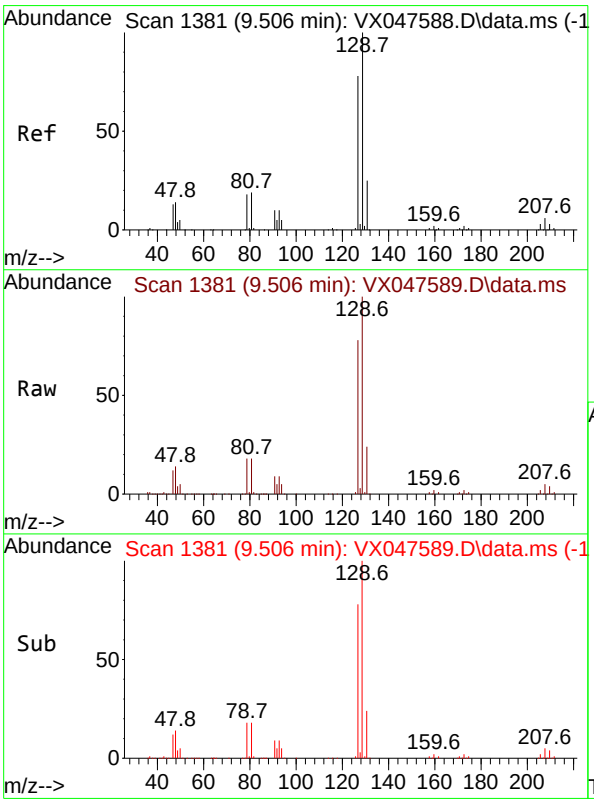
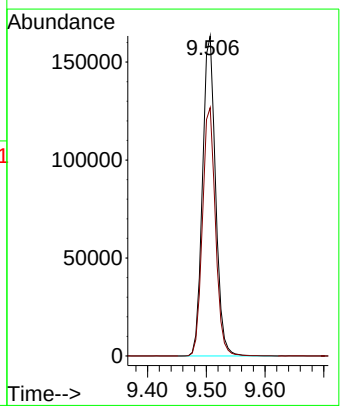
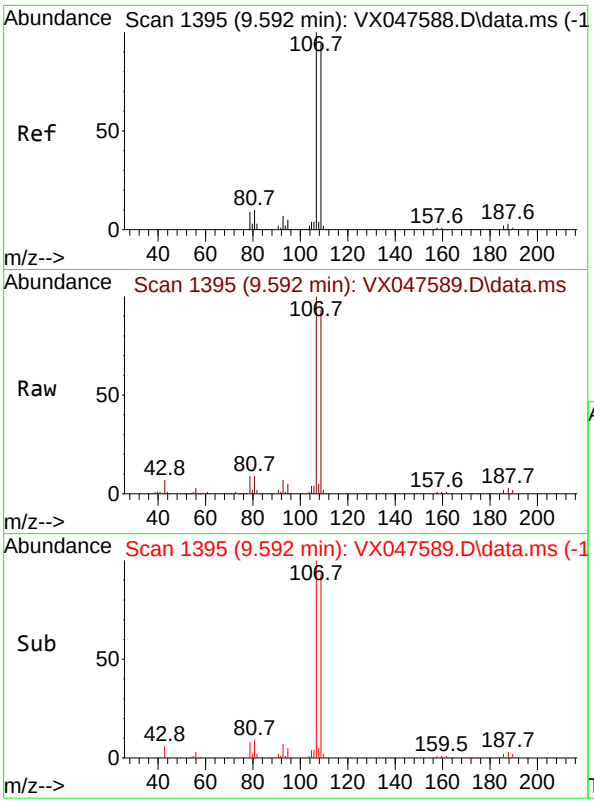


#60
Dibromochloromethane
Concen: 103.226 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:129 Resp: 251394

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.4	115.2

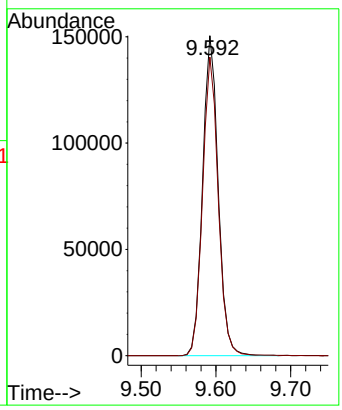




#61
1,2-Dibromoethane
Concen: 101.147 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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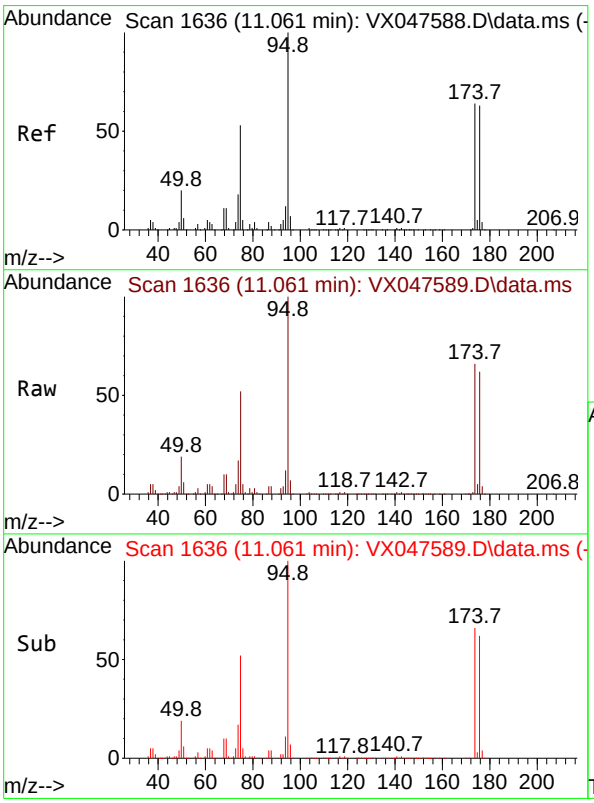
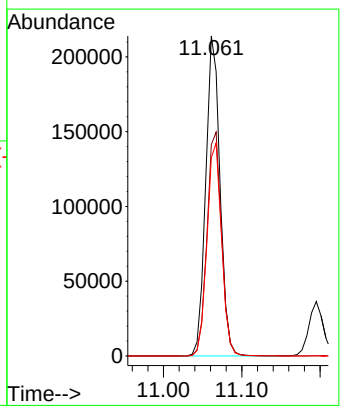
Supervised By :Mahesh Dadoda 09/18/2025

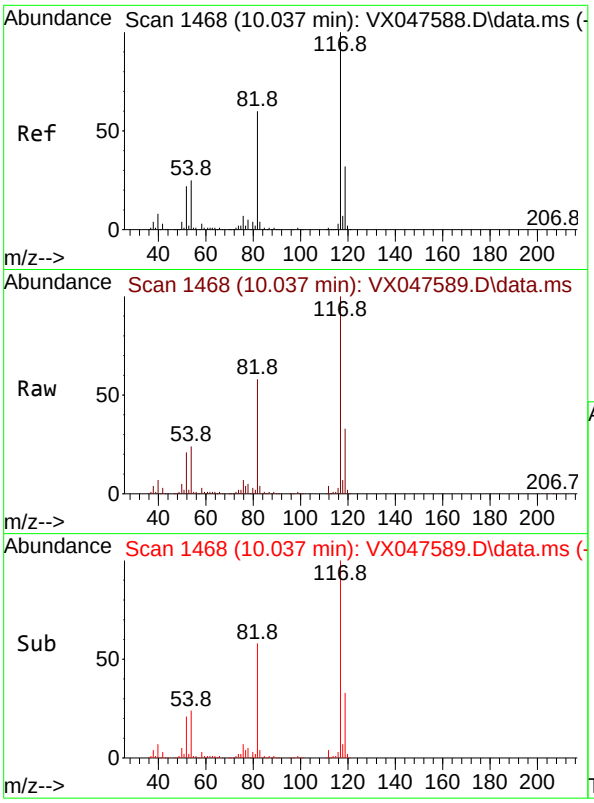


#62
4-Bromofluorobenzene
Concen: 102.672 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

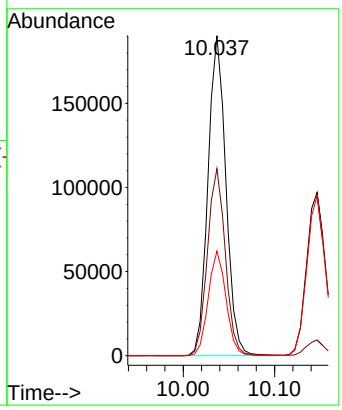




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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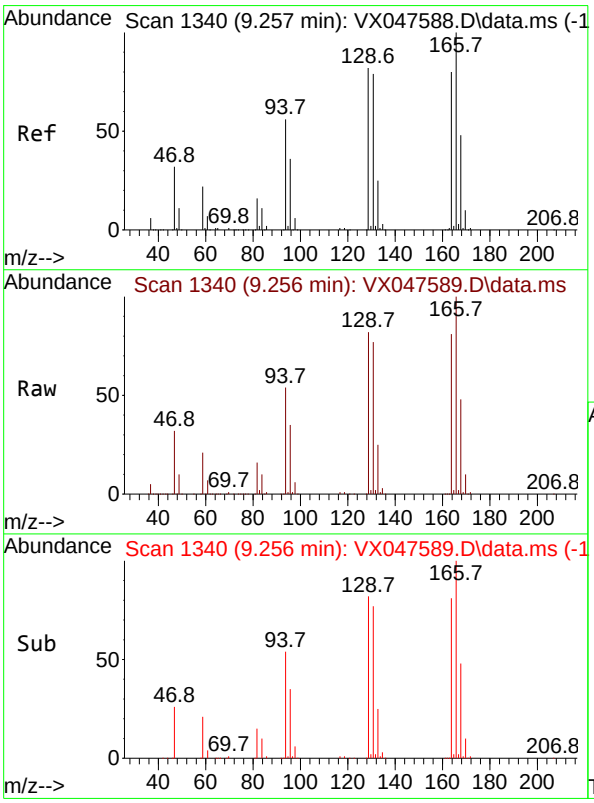
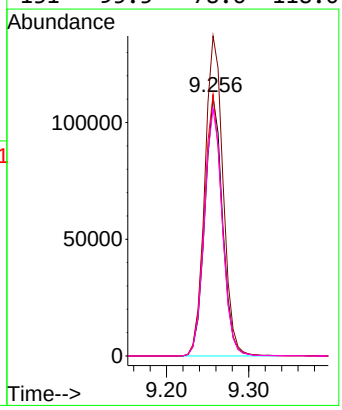
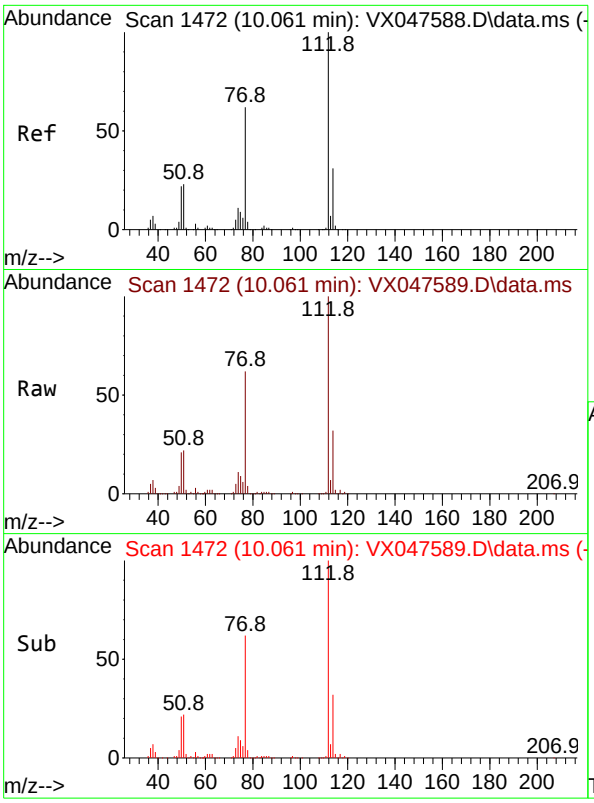


#64
Tetrachloroethene
Concen: 98.284 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

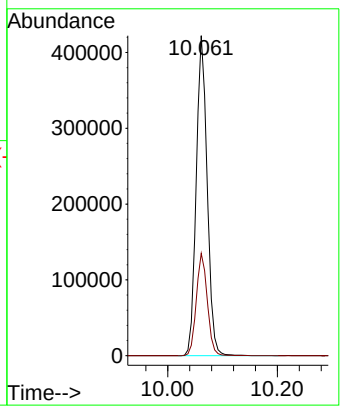




#65
Chlorobenzene
Concen: 100.253 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:112 Resp: 58851

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7



Instrument :
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ClientSampleId :
VSTDICC100

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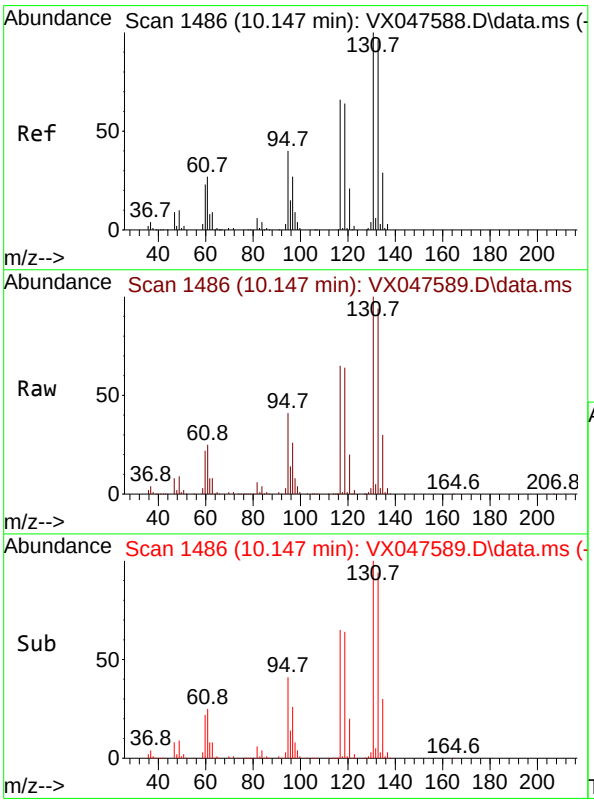
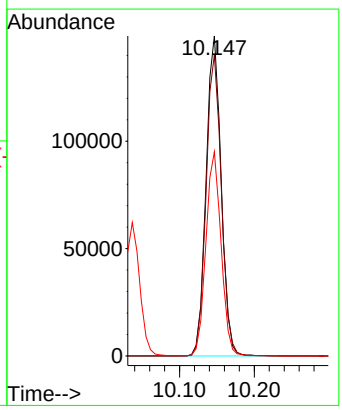
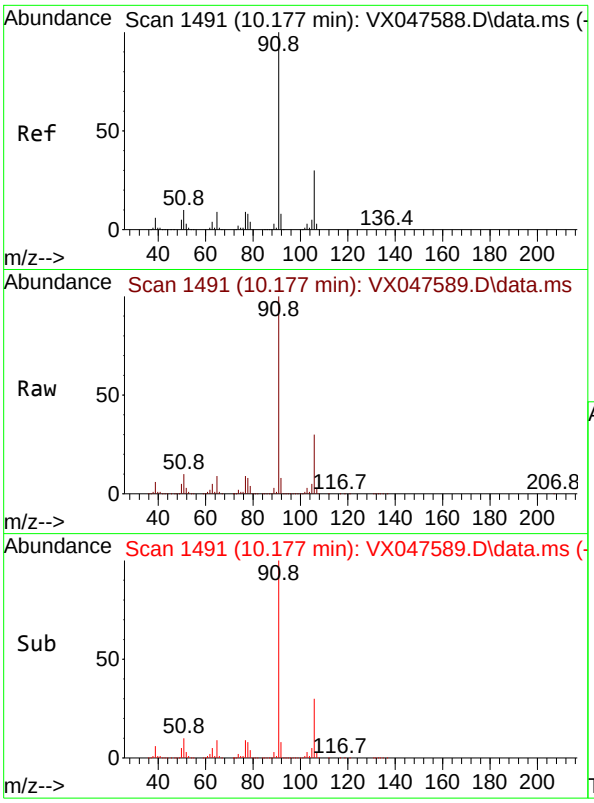


#66
1,1,1,2-Tetrachloroethane
Concen: 102.988 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

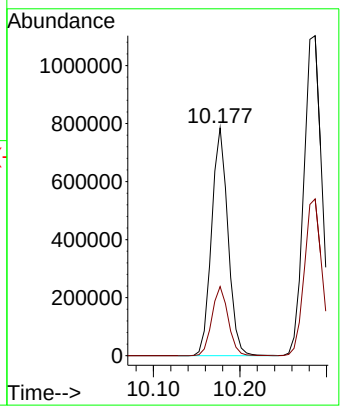




#67
Ethyl Benzene
Concen: 101.823 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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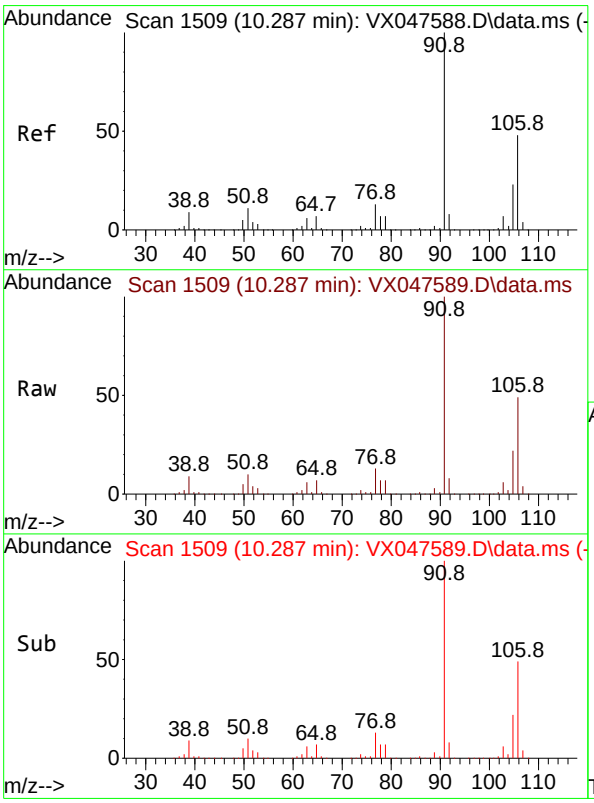
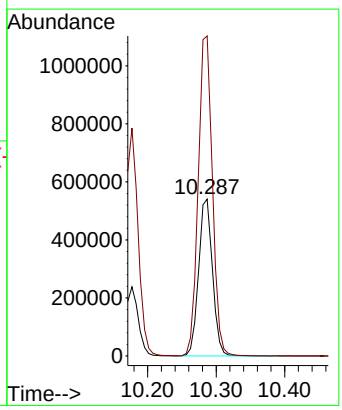
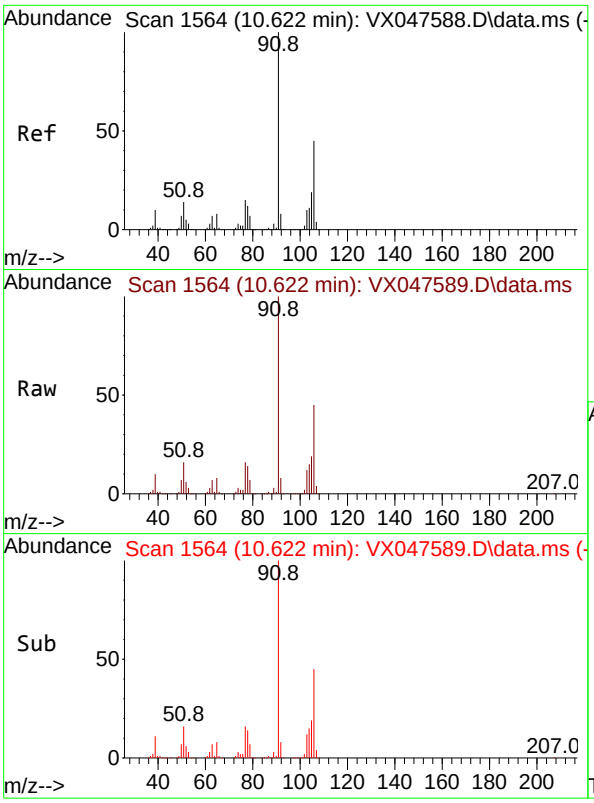


#68
m/p-Xylenes
Concen: 202.624 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 763898

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8

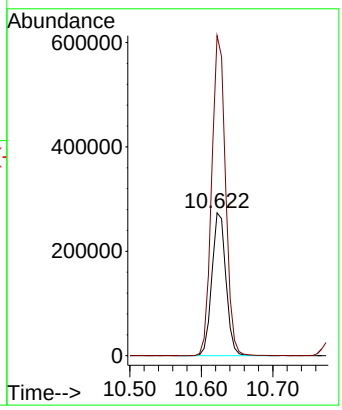




#69
o-Xylene
Concen: 102.186 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 37262

Ion	Ratio	Lower	Upper
106	100		
91	221.3	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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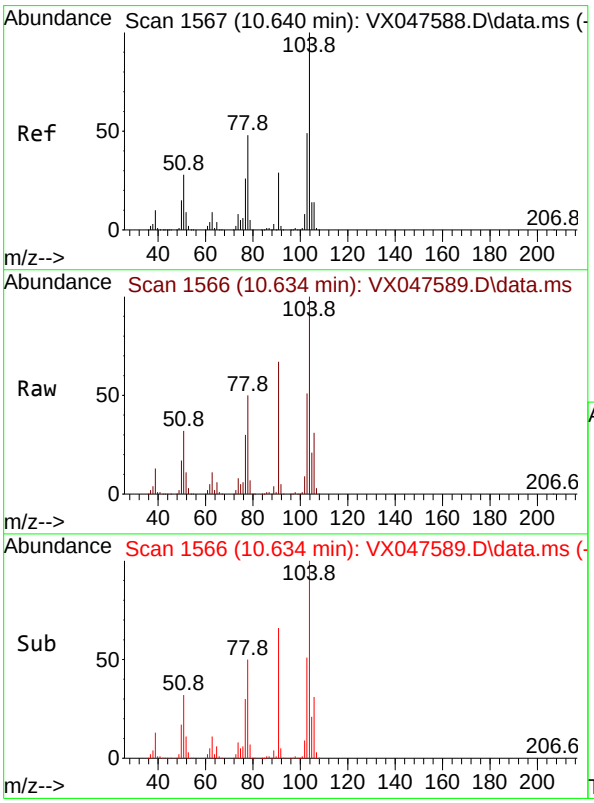
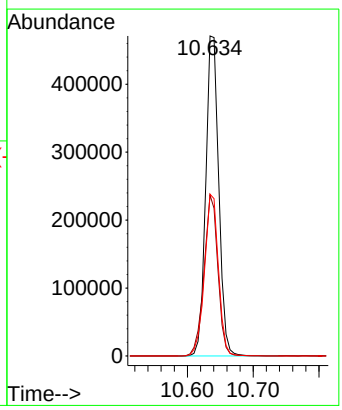
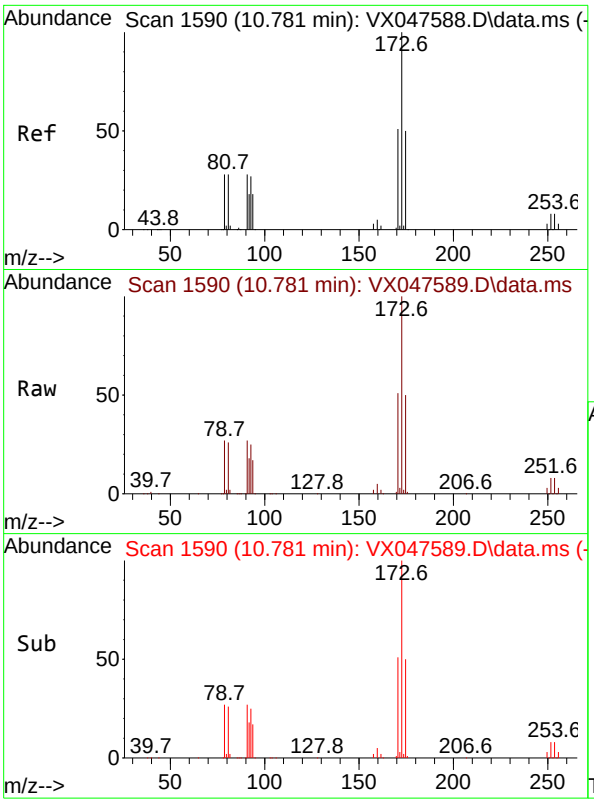


#70
Styrene
Concen: 101.710 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

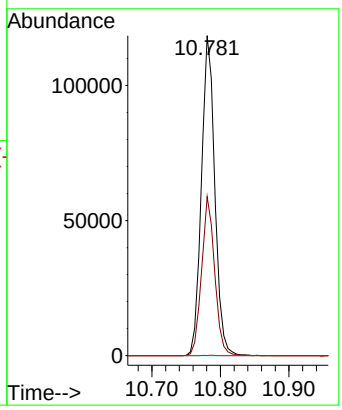




#71
Bromoform
Concen: 106.566 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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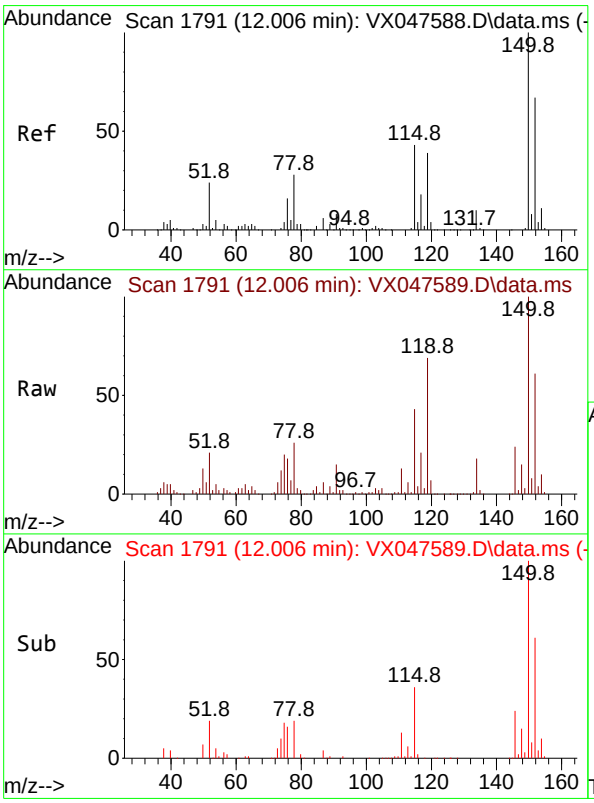
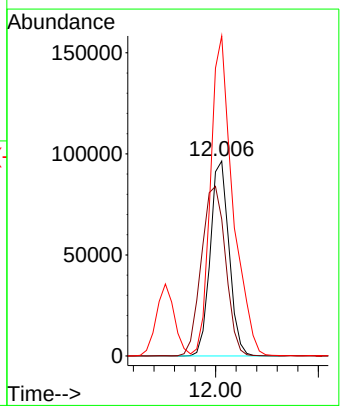
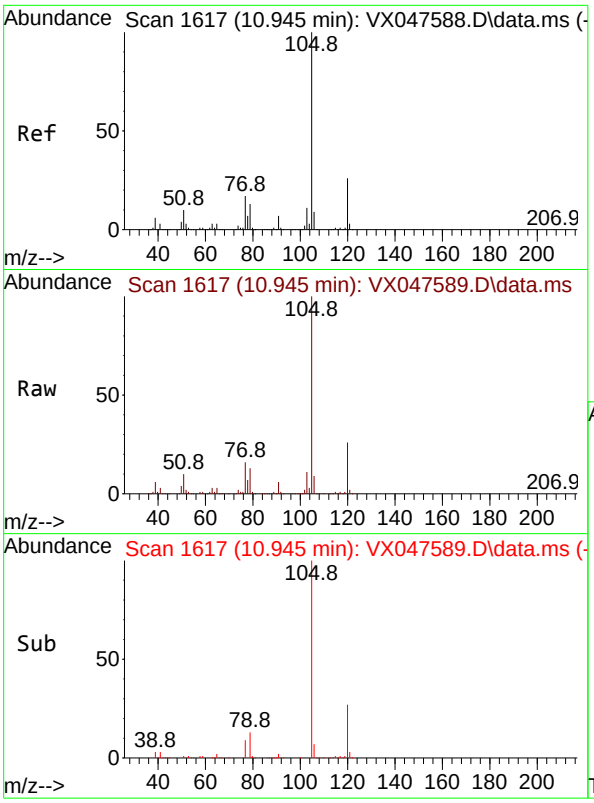


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

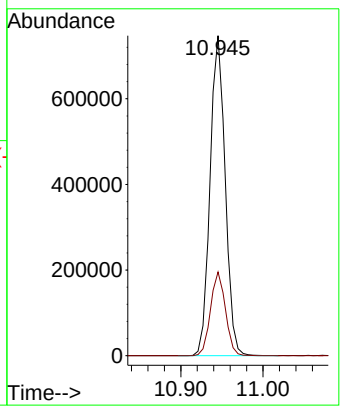




#73
Isopropylbenzene
Concen: 102.768 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 95490

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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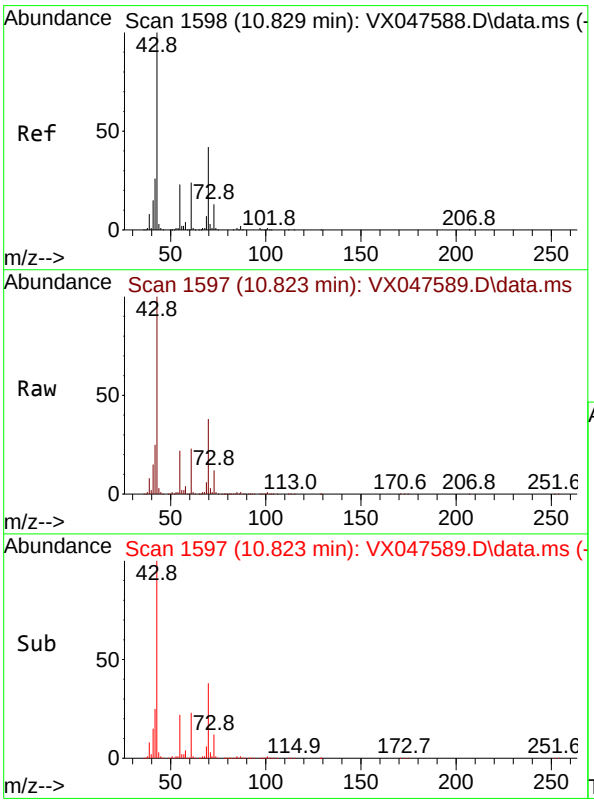
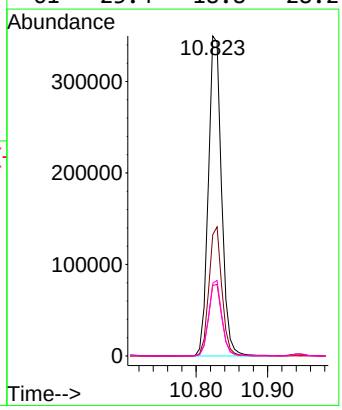
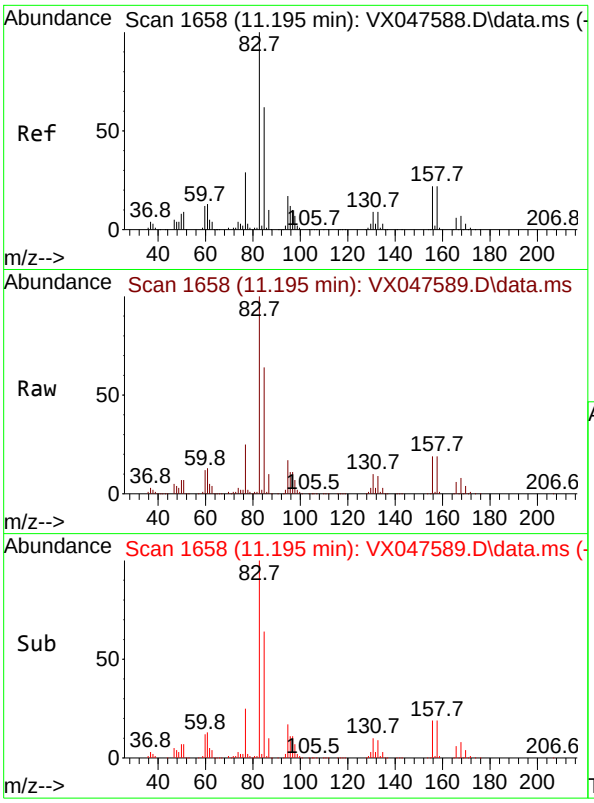


#74
N-amyl acetate
Concen: 105.812 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

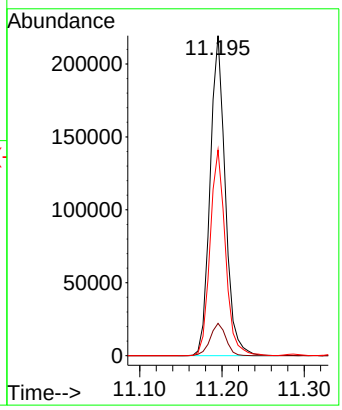




#75
1,1,2,2-Tetrachloroethane
Concen: 100.172 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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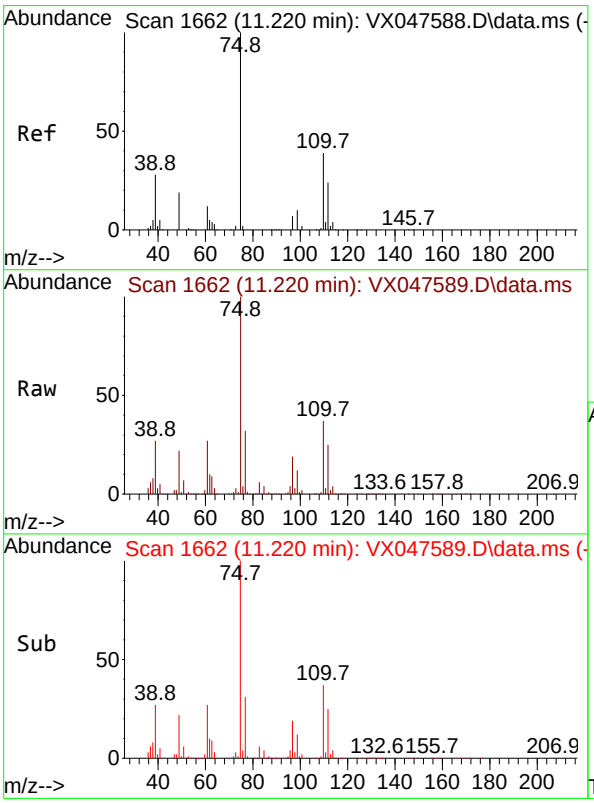
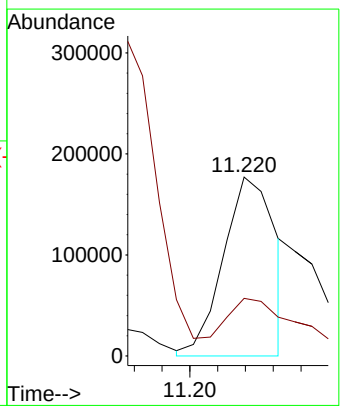
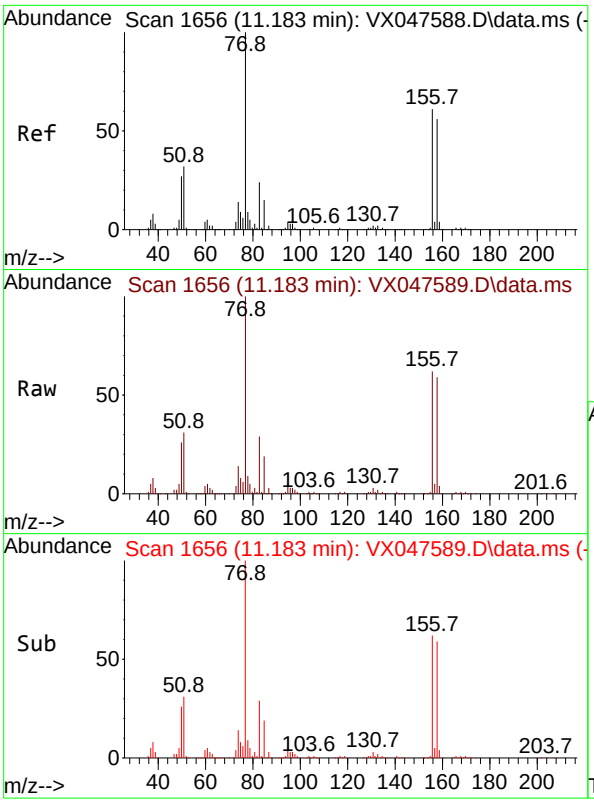


#76
1,2,3-Trichloropropane
Concen: 90.444 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 229521

Ion	Ratio	Lower	Upper
75	100		
77	43.9	18.8	56.4

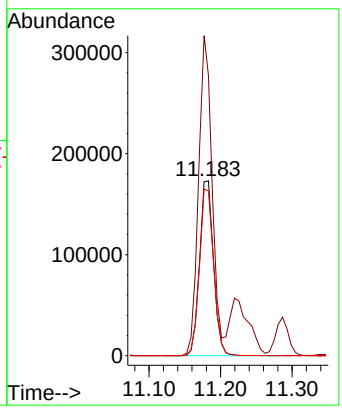




#77
Bromobenzene
Concen: 102.541 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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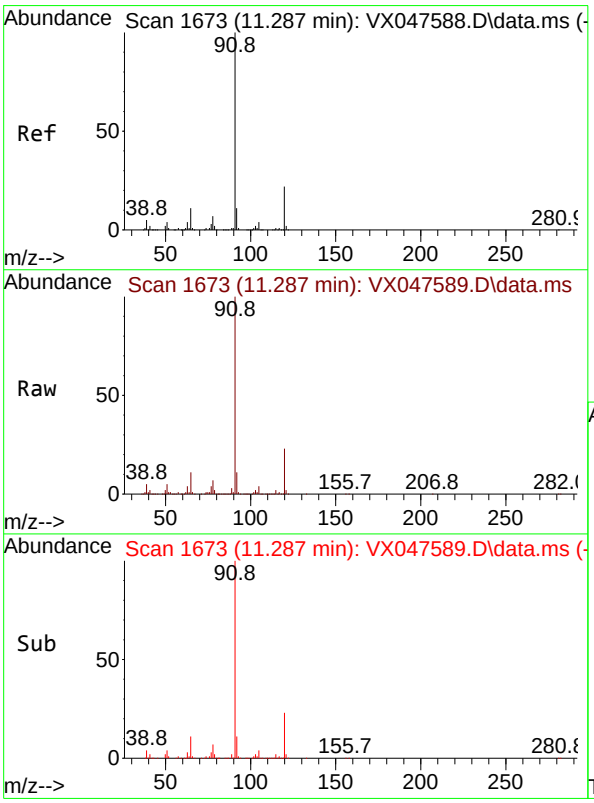
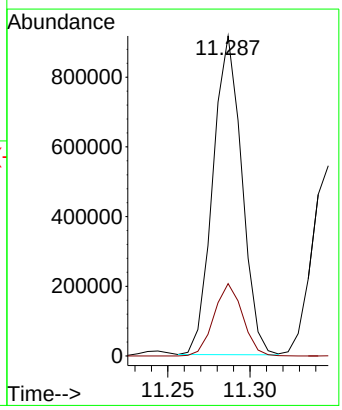
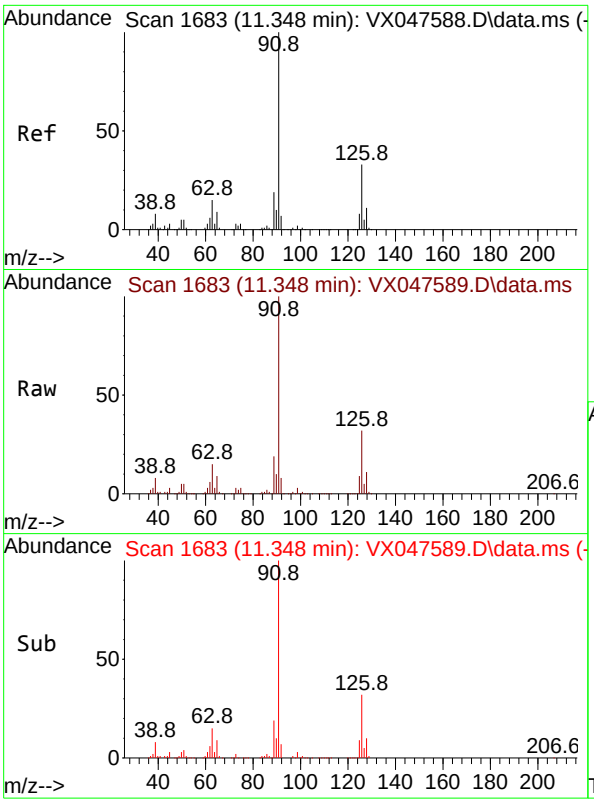


#78
n-propylbenzene
Concen: 101.941 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 1119728

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

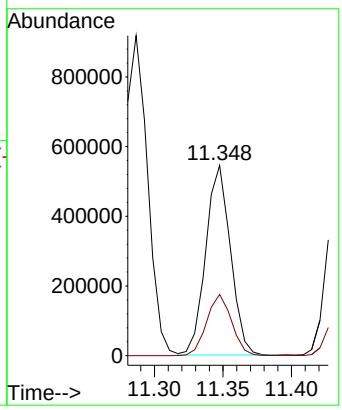




#79
2-Chlorotoluene
Concen: 101.652 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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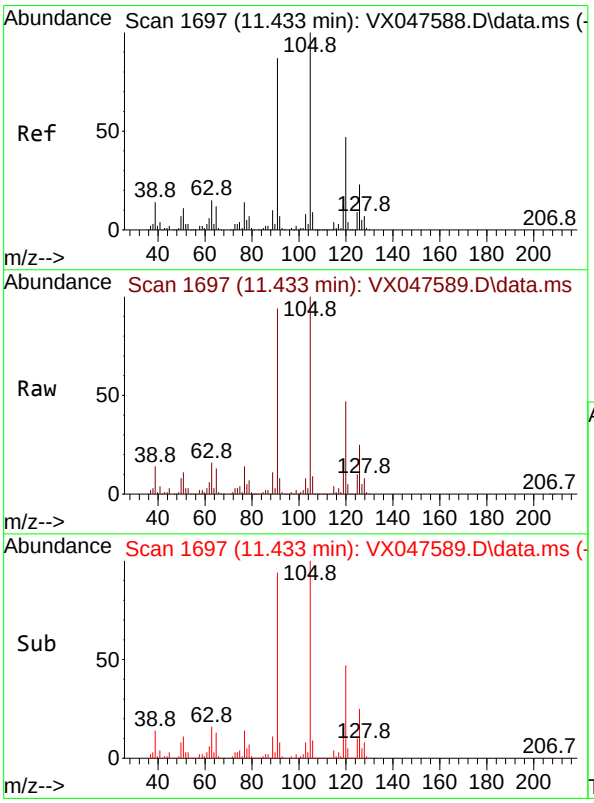
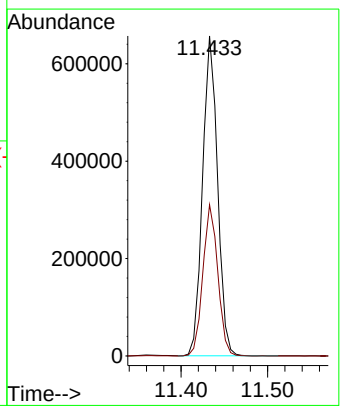
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

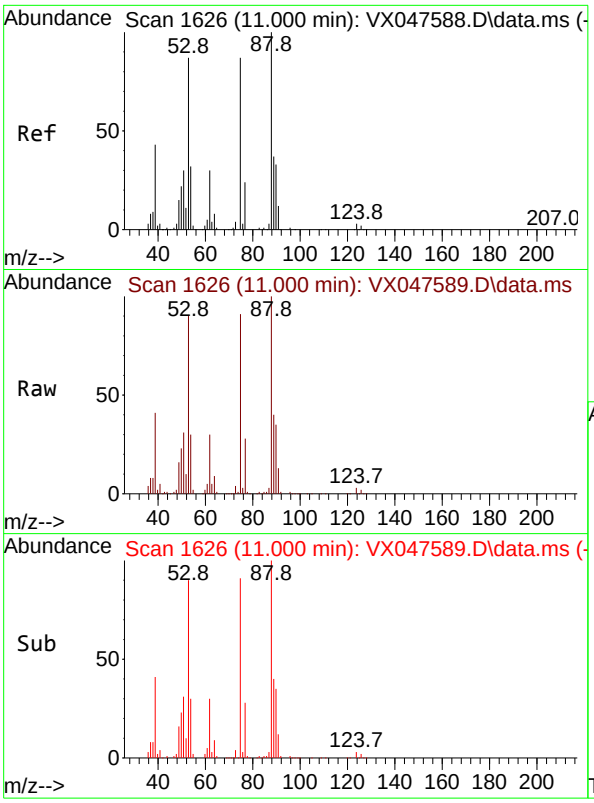


#80
1,3,5-Trimethylbenzene
Concen: 103.134 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 787327

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8

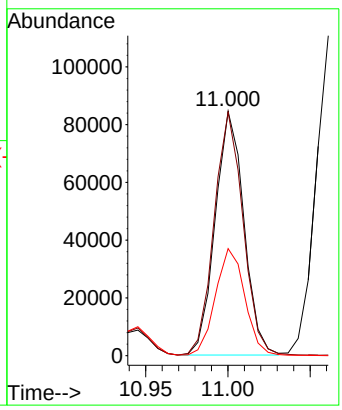




#81
trans-1,4-Dichloro-2-butene
Concen: 105.689 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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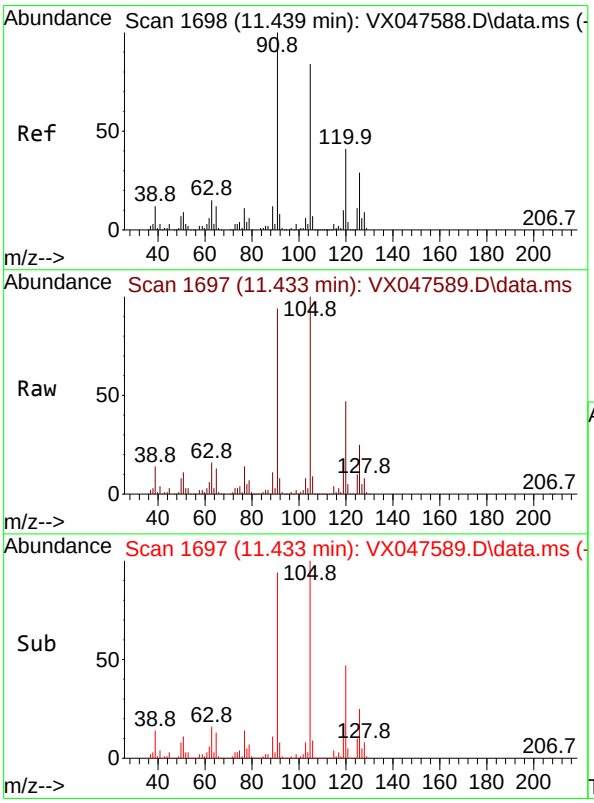
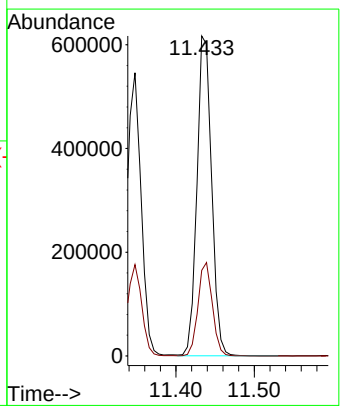
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

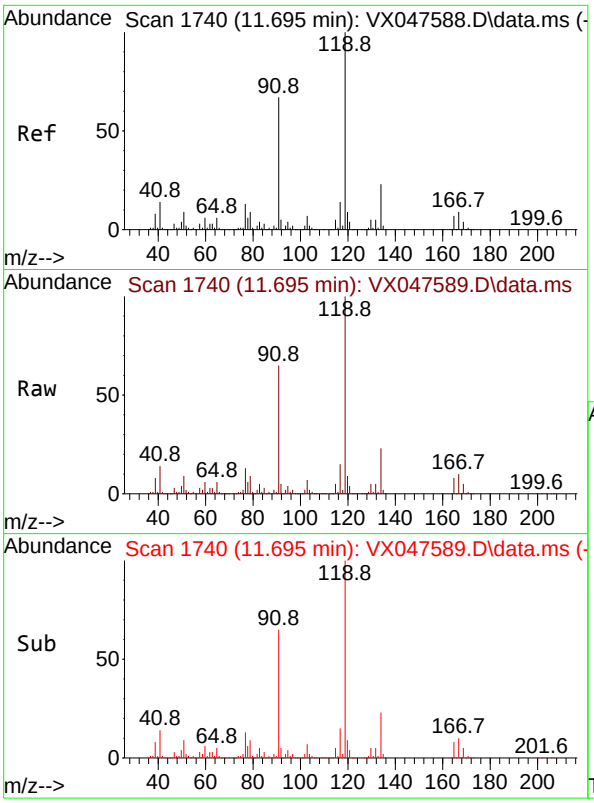


#82
4-Chlorotoluene
Concen: 101.054 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 802929

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

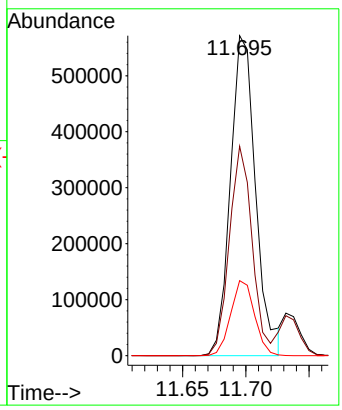




#83
tert-Butylbenzene
Concen: 101.333 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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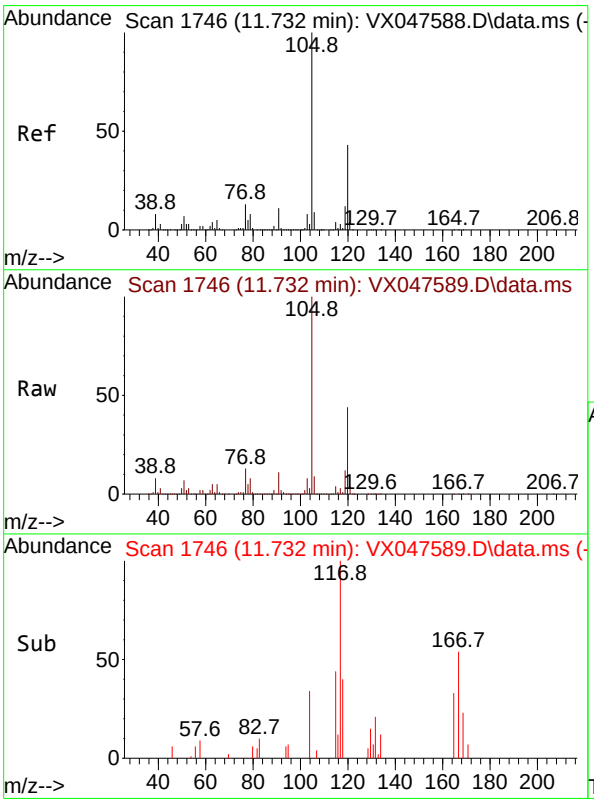
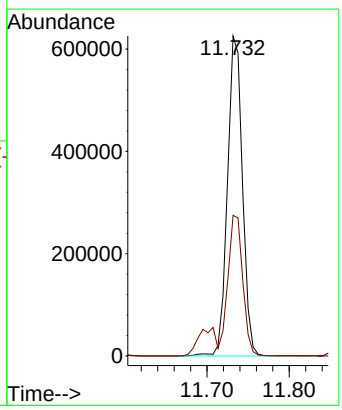
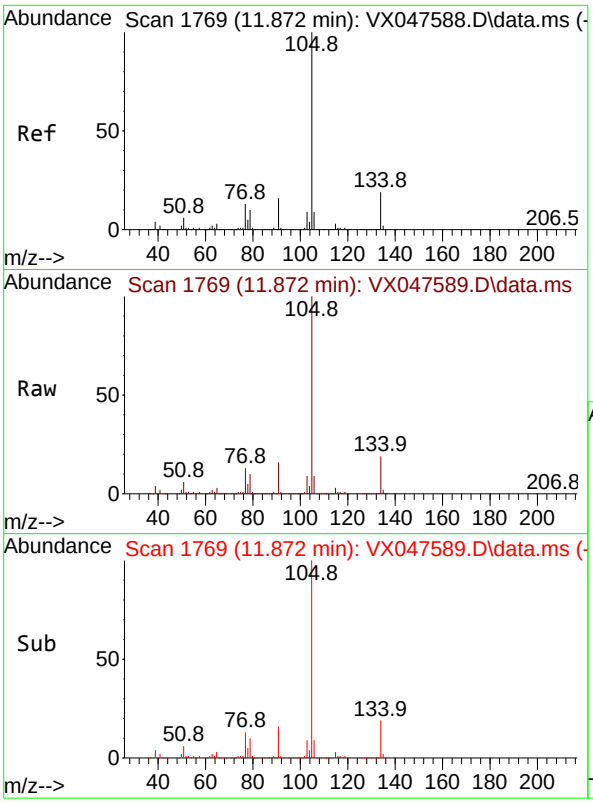


#84
1,2,4-Trimethylbenzene
Concen: 102.144 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 790557

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1

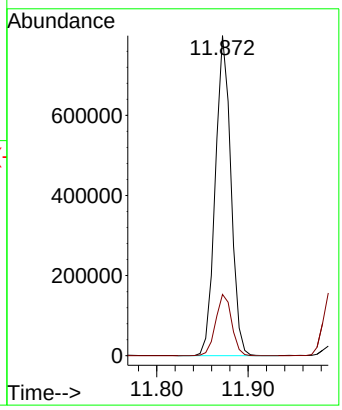




#85
sec-Butylbenzene
Concen: 101.840 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 94532

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
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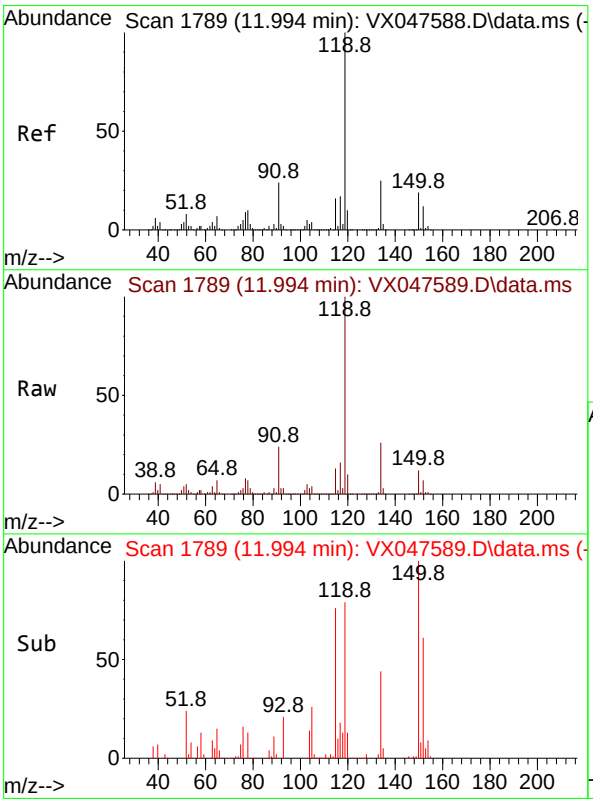
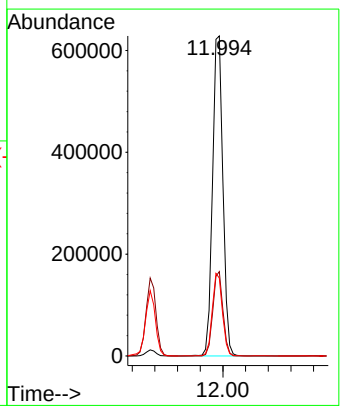
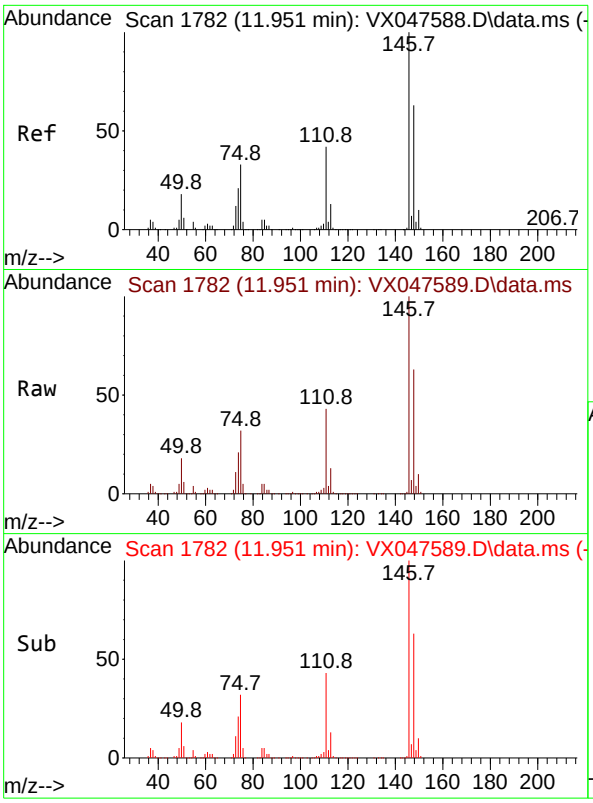


#86
p-Isopropyltoluene
Concen: 101.501 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

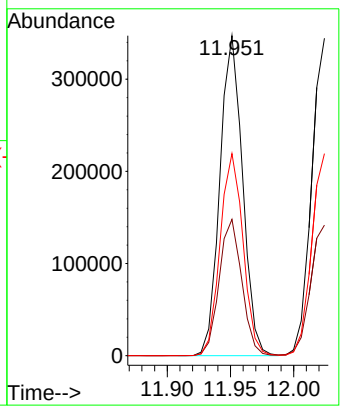




#87
1,3-Dichlorobenzene
Concen: 101.689 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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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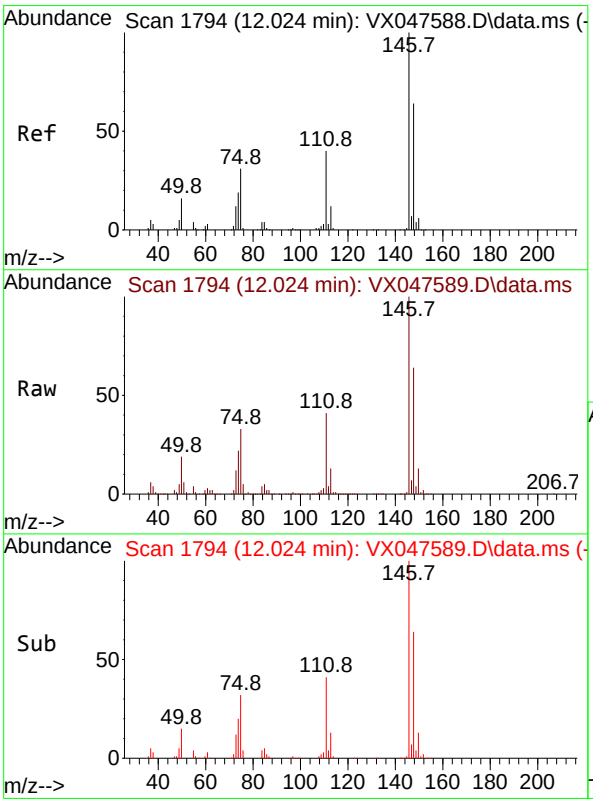
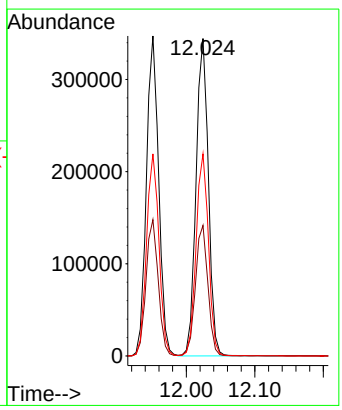
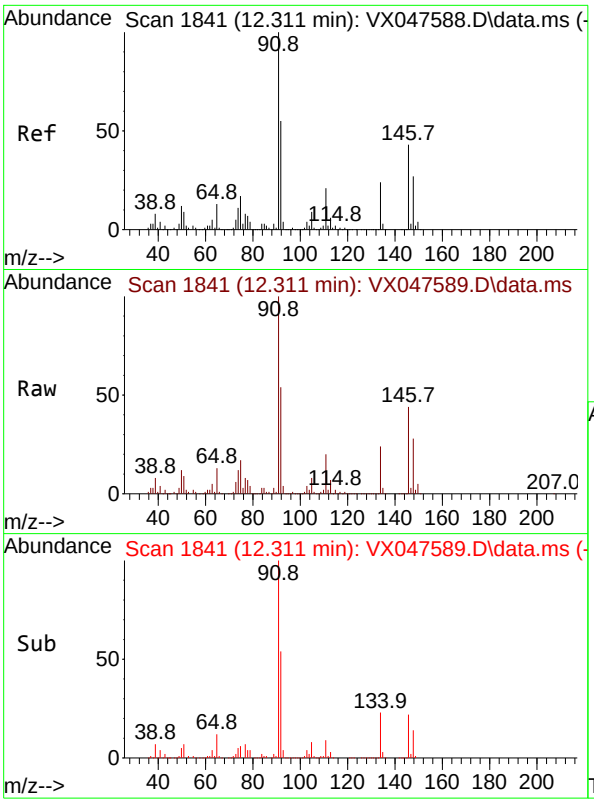


#88
1,4-Dichlorobenzene
Concen: 98.985 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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
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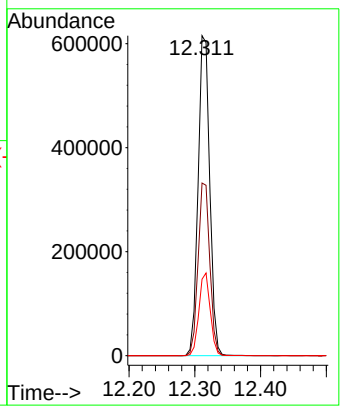
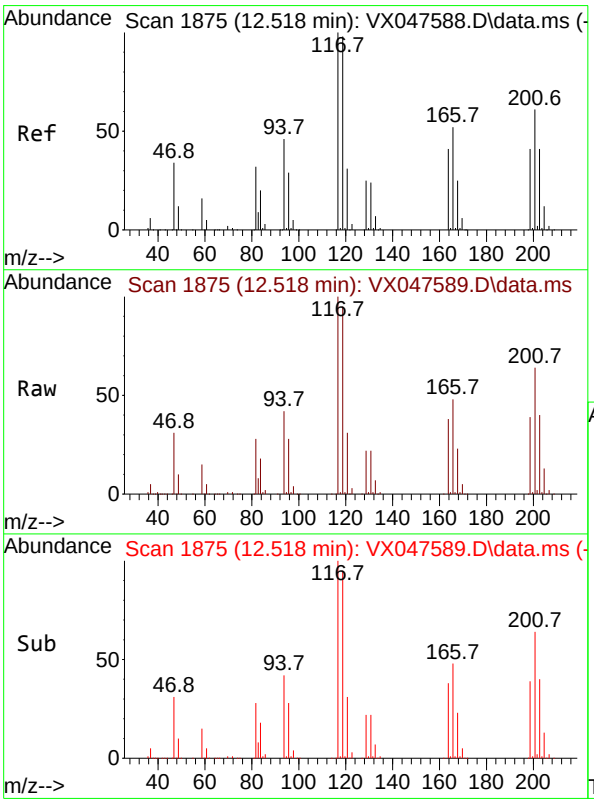
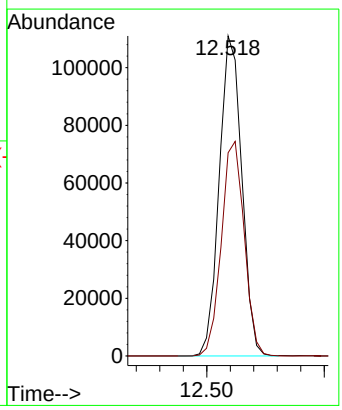


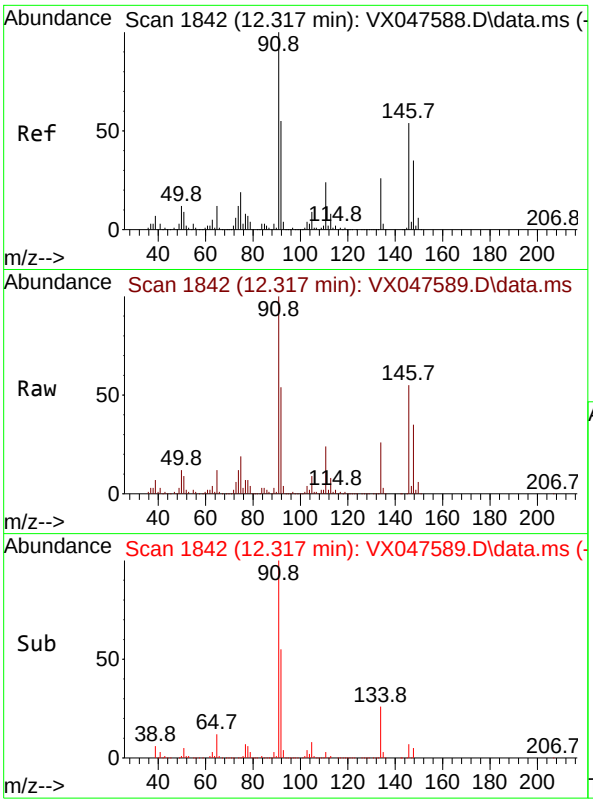


#90
Hexachloroethane
Concen: 107.304 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 148048

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.2	102.5

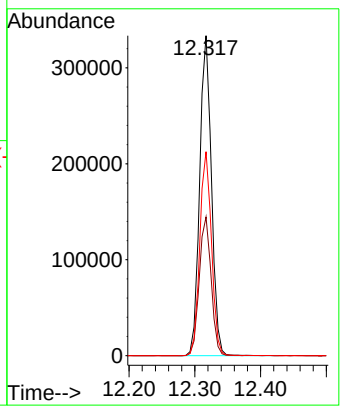




#91
1,2-Dichlorobenzene
Concen: 102.352 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:146 Resp: 41449

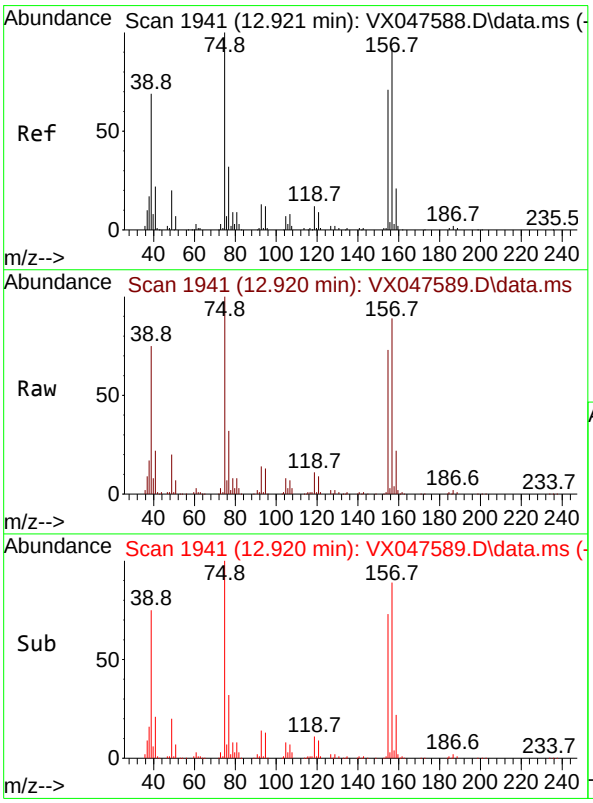
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.4	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

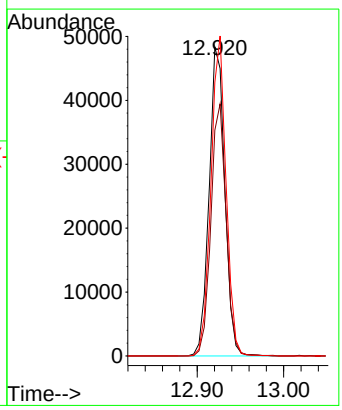
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

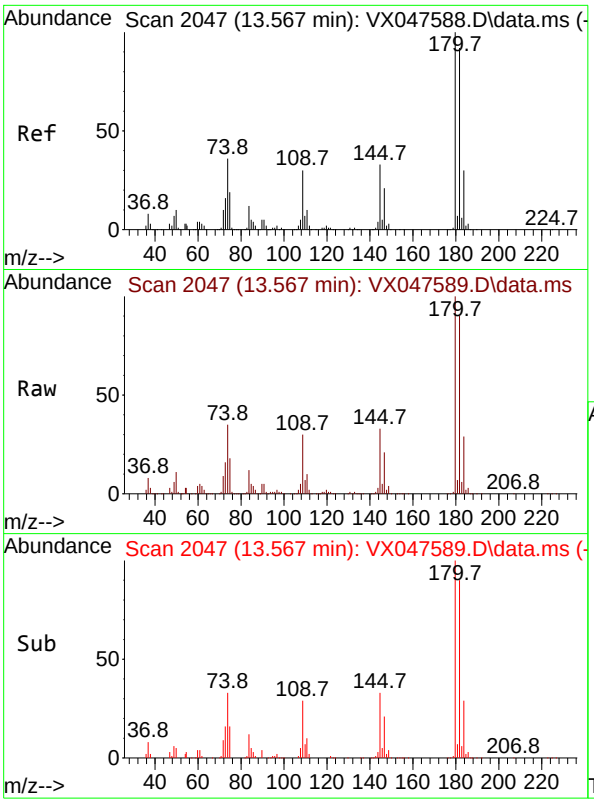


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.225 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

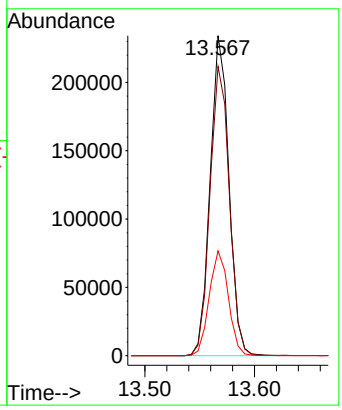




#93
1,2,4-Trichlorobenzene
Concen: 105.922 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

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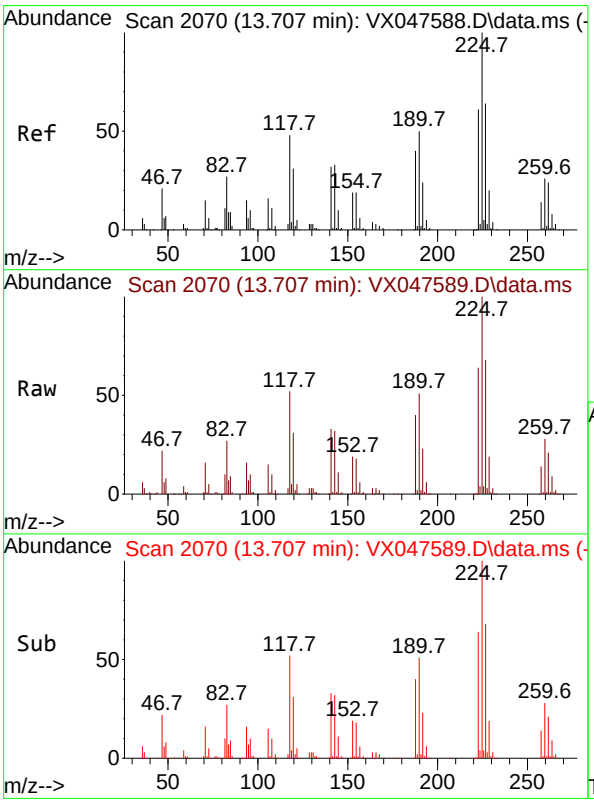
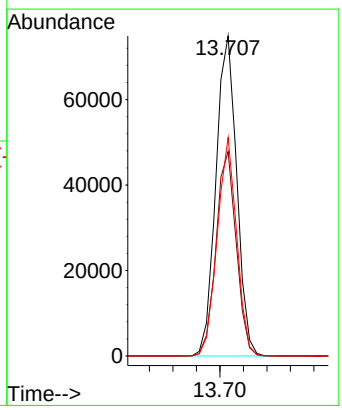
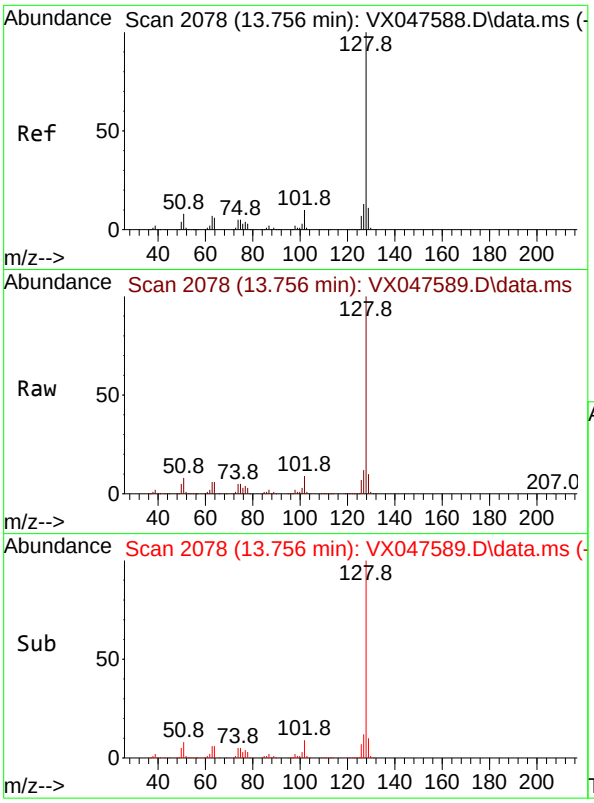


#94
Hexachlorobutadiene
Concen: 103.049 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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

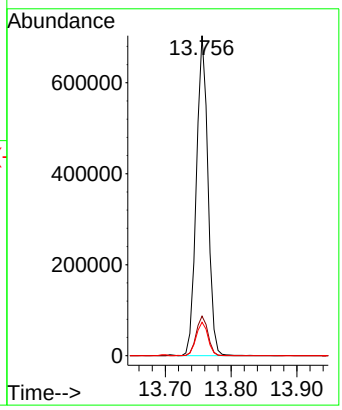




#95
Naphthalene
Concen: 106.620 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:128 Resp: 85449

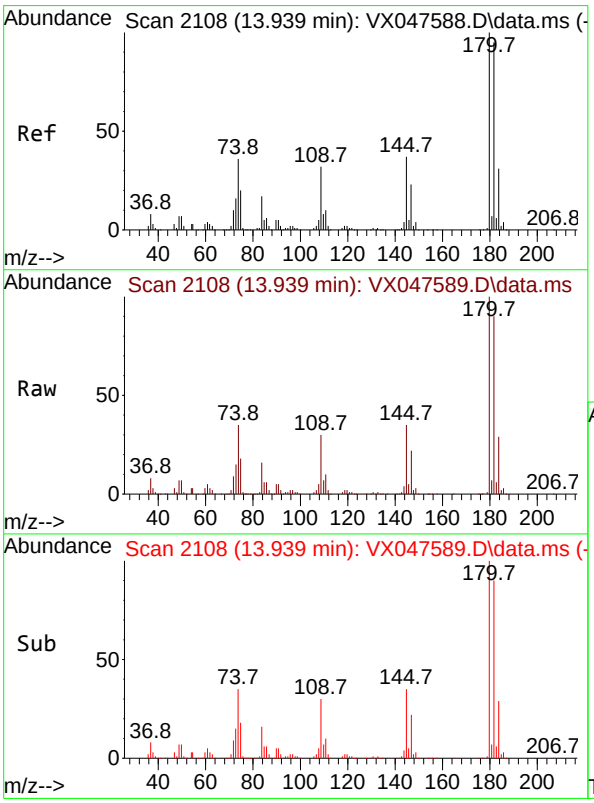
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

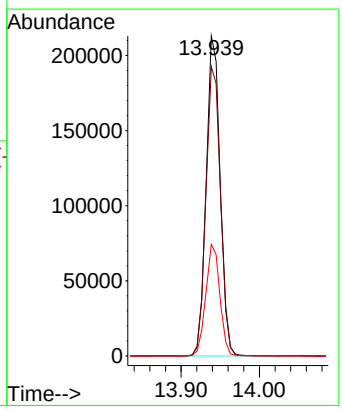
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#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



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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)
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

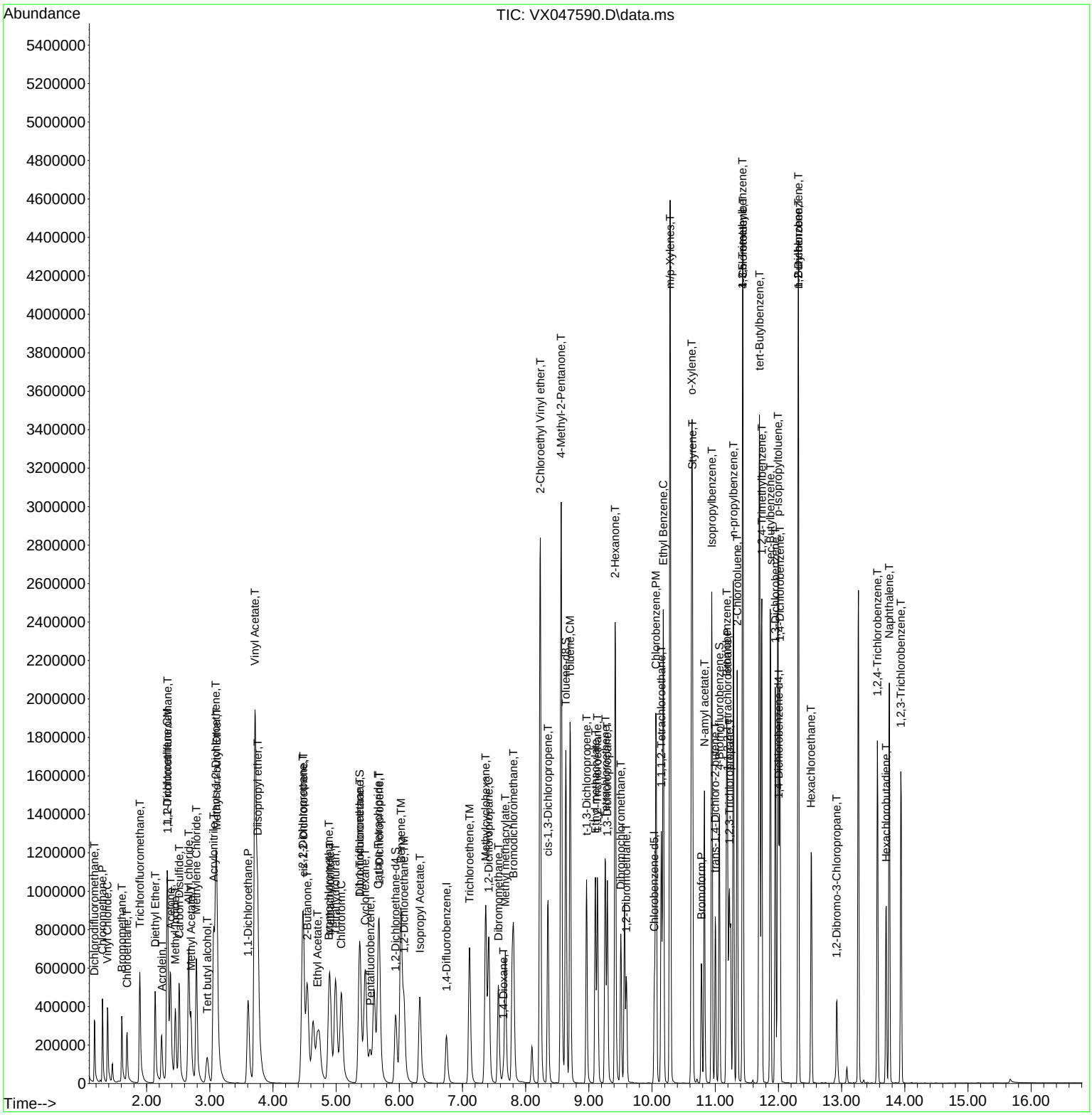
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047590.D
Acq On : 16 Sep 2025 12:01
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

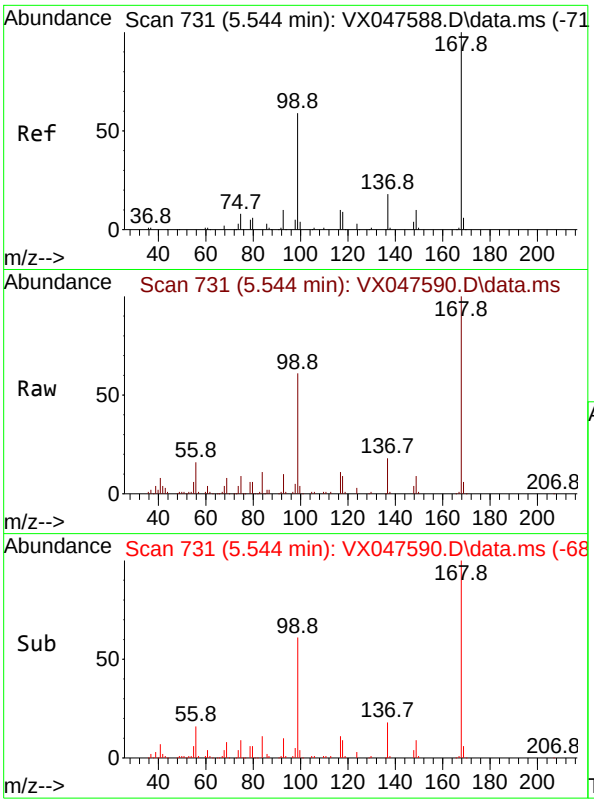
Quant Time: Sep 17 06:16:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:04:35 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

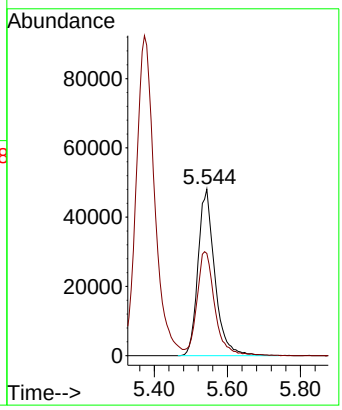




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:168 Resp: 15317

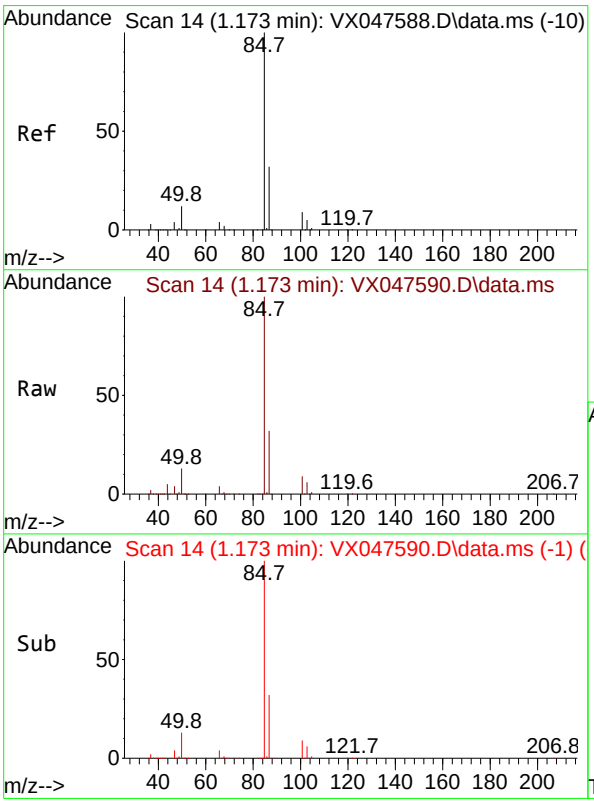
Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

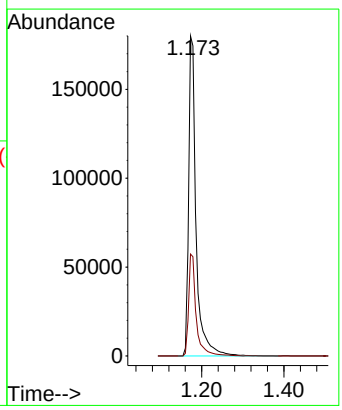
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

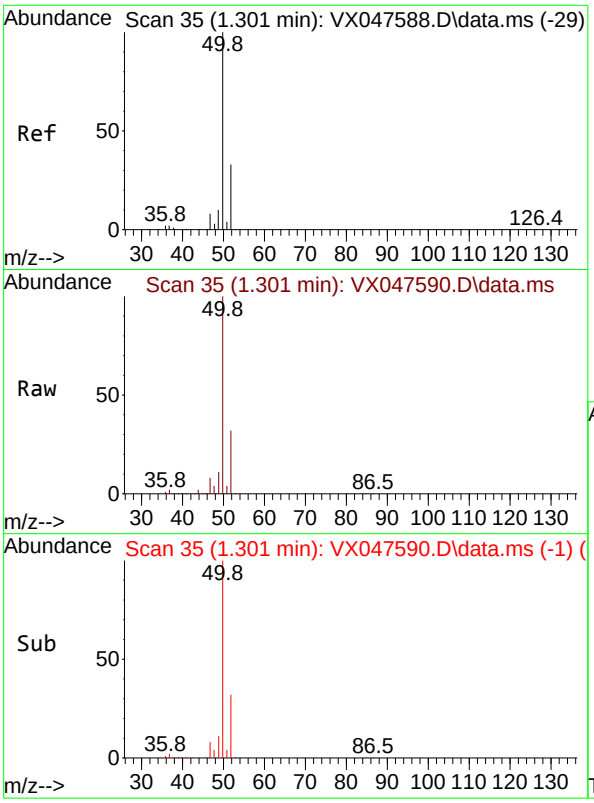


#2
Dichlorodifluoromethane
Concen: 142.586 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 85 Resp: 226166

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.8	47.3

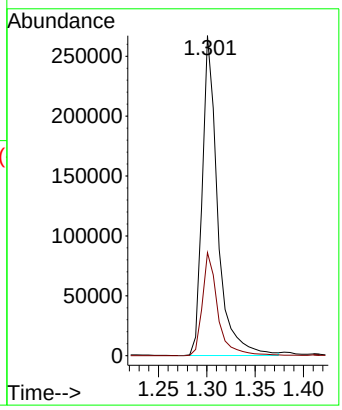




#3
Chloromethane
Concen: 142.593 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 50 Resp: 29725

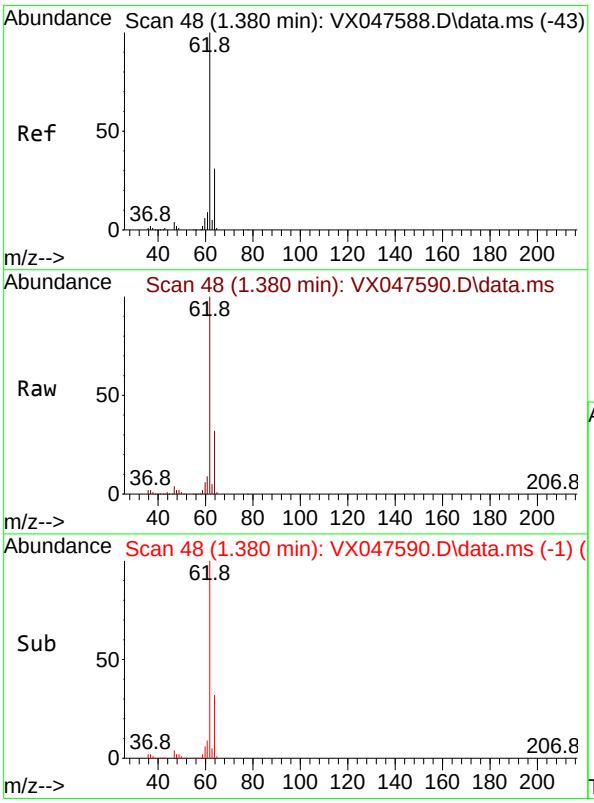
Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

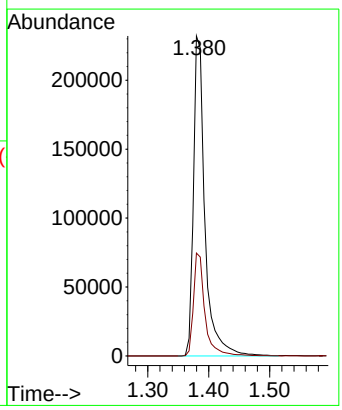
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

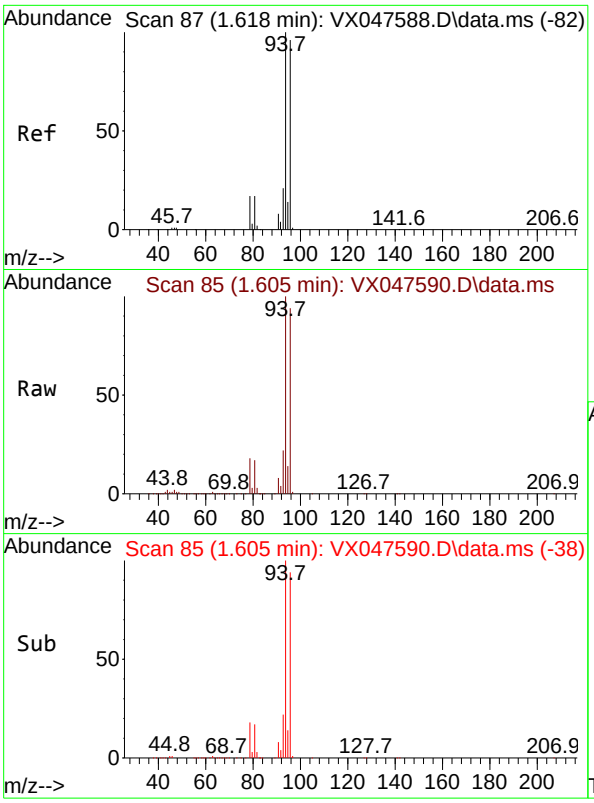


#4
Vinyl Chloride
Concen: 148.140 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 302303

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3

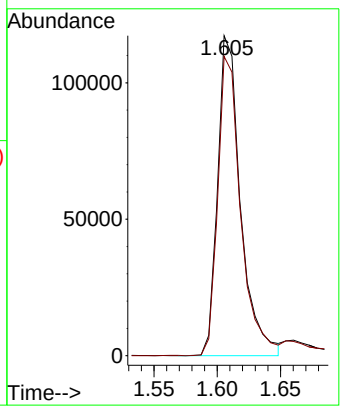




#5
Bromomethane
Concen: 114.019 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 94 Resp: 14754

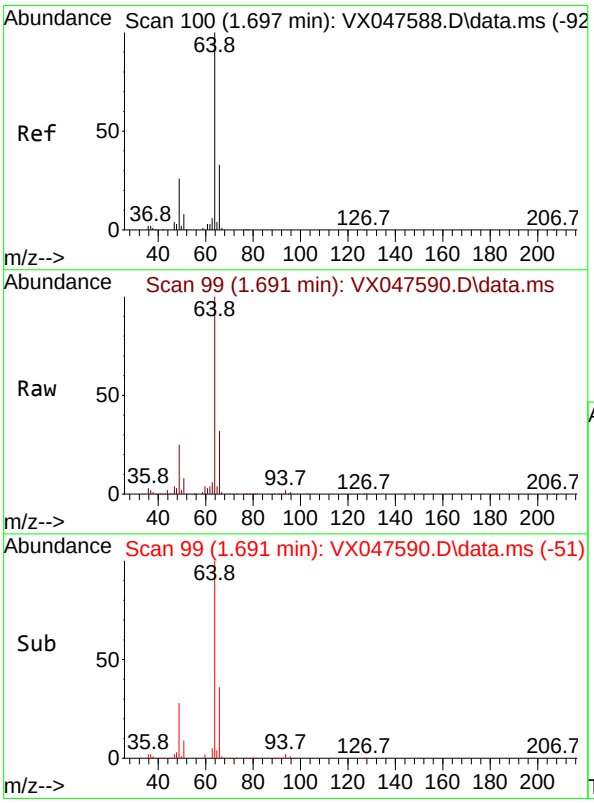
Ion	Ratio	Lower	Upper
94	100		
96	93.4	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

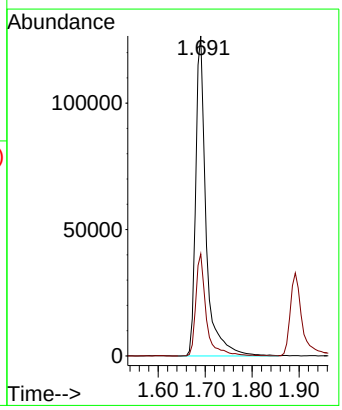
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

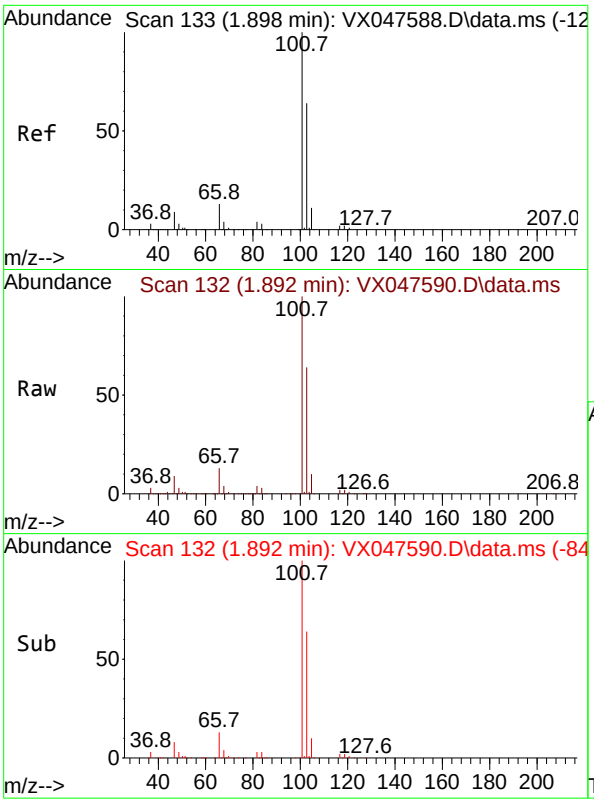


#6
Chloroethane
Concen: 143.652 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 64 Resp: 195927

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1

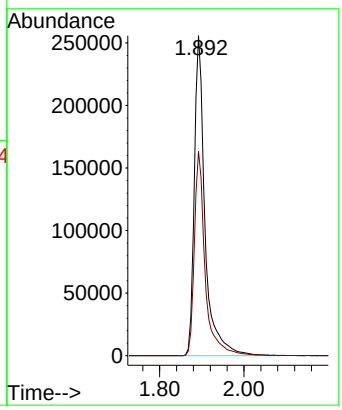




#7
Trichlorofluoromethane
Concen: 149.545 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:101 Resp: 45311

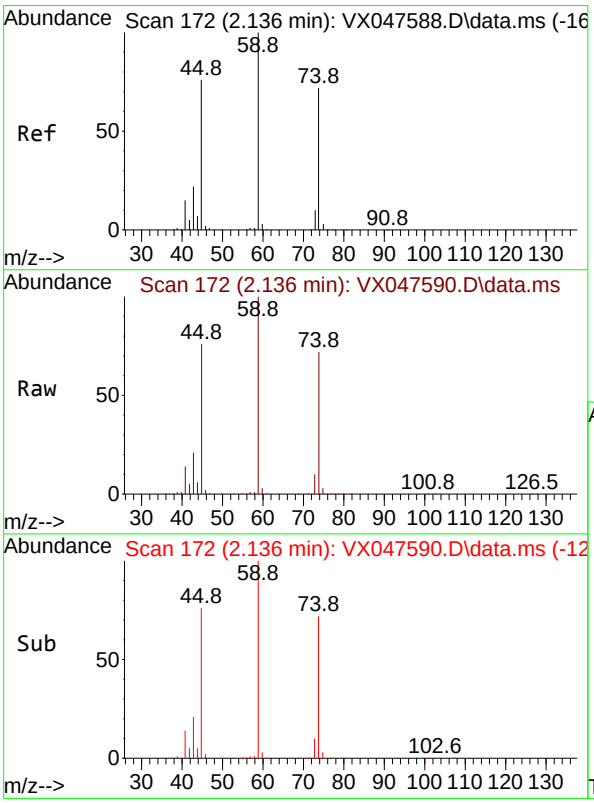
Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

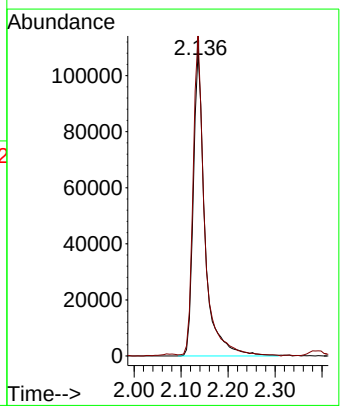
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

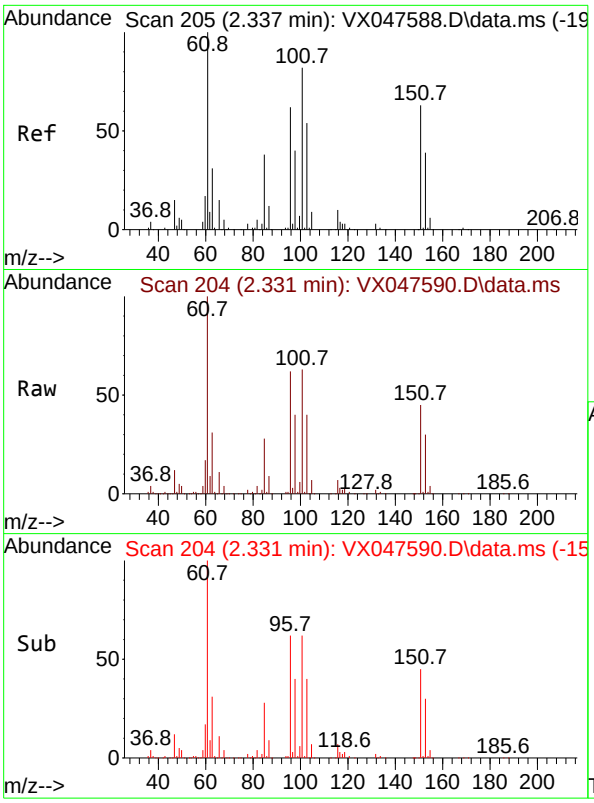


#8
Diethyl Ether
Concen: 151.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 74 Resp: 188006

Ion	Ratio	Lower	Upper
74	100		
45	105.5	52.3	156.8

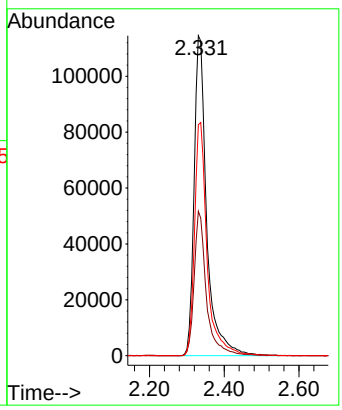




#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.264 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:101 Resp: 26799

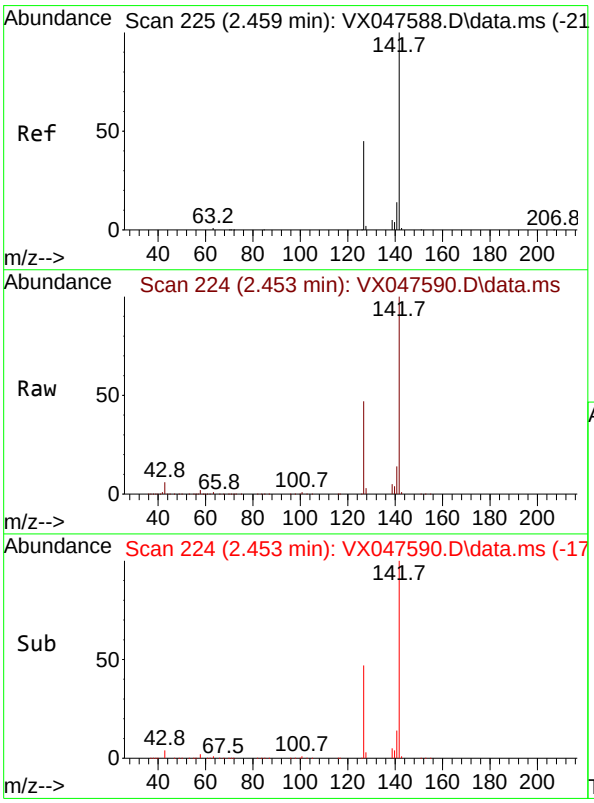
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.5	53.3
151	73.2	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

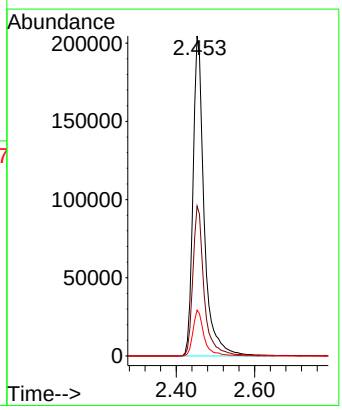
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

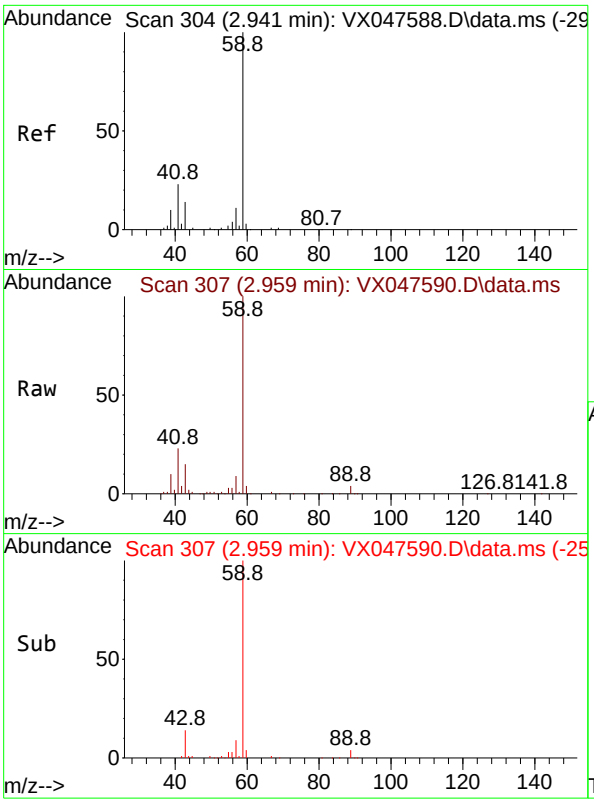


#10
Methyl Iodide
Concen: 147.384 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

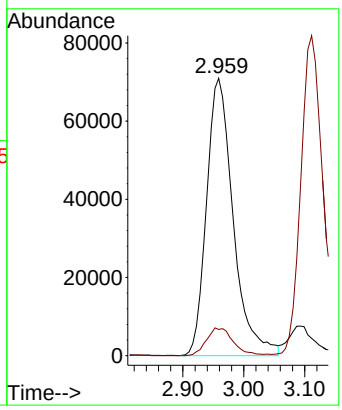




#11
Tert butyl alcohol
Concen: 795.166 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 59 Resp: 21592

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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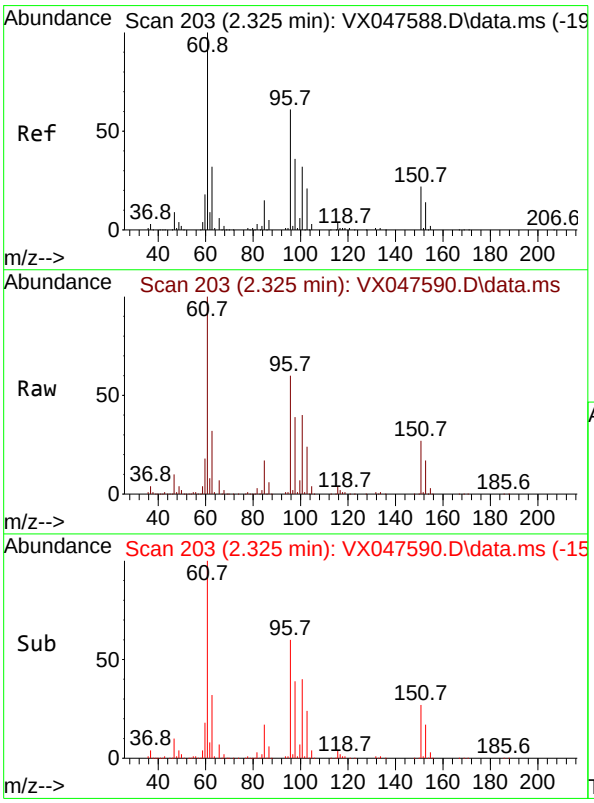
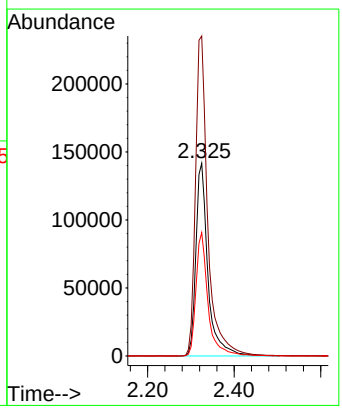
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

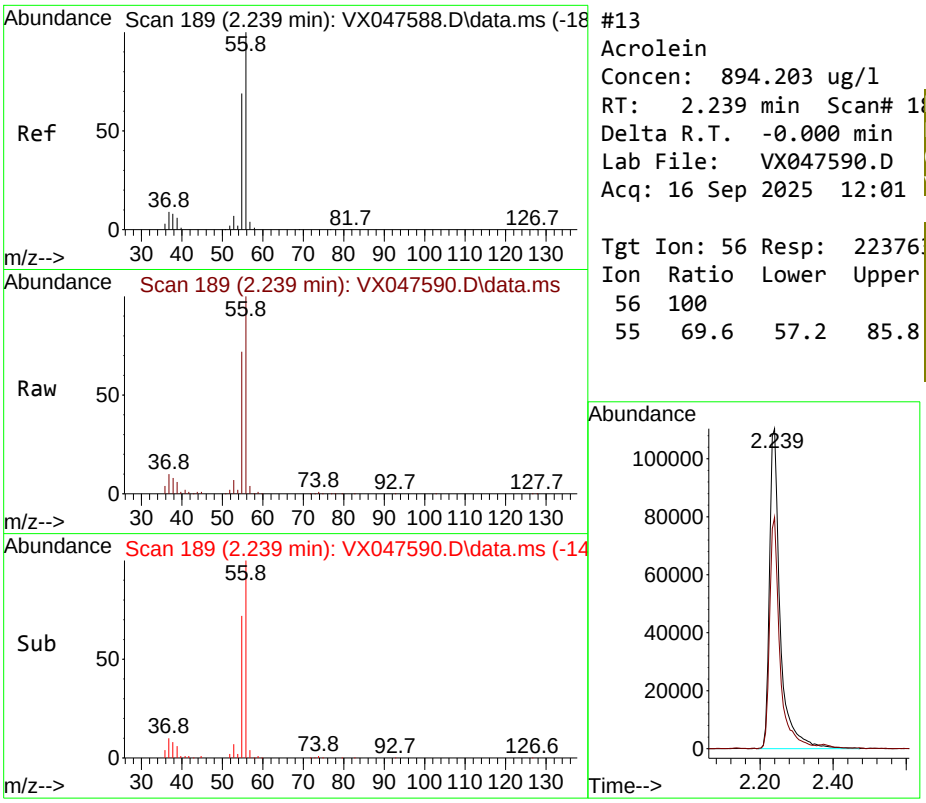


#12
1,1-Dichloroethene
Concen: 150.388 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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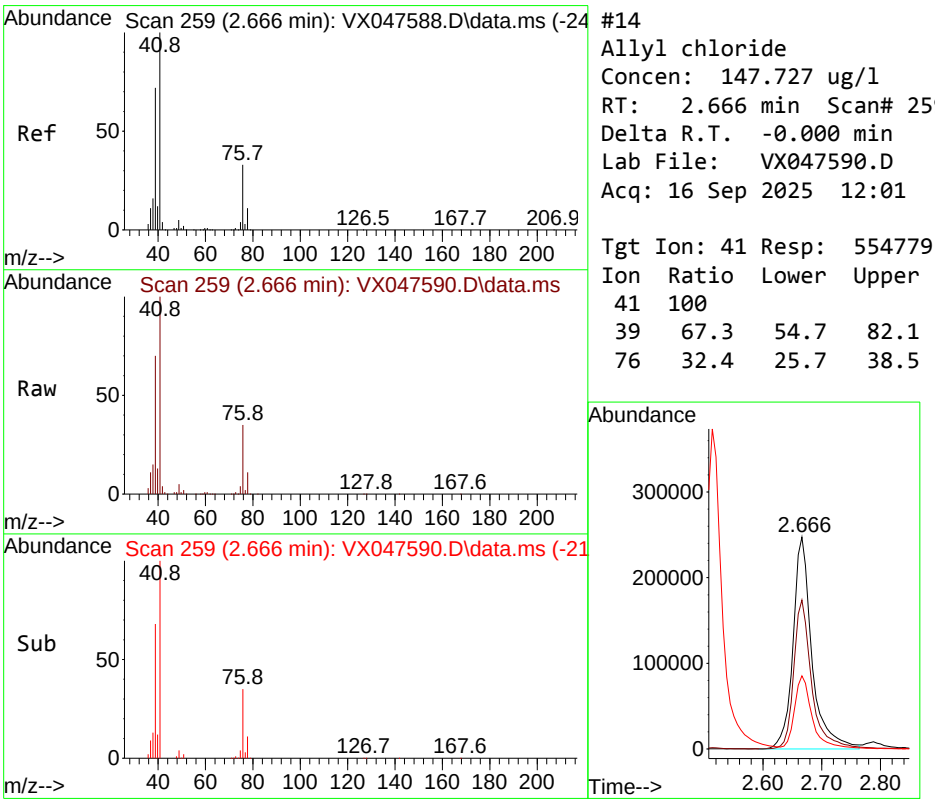
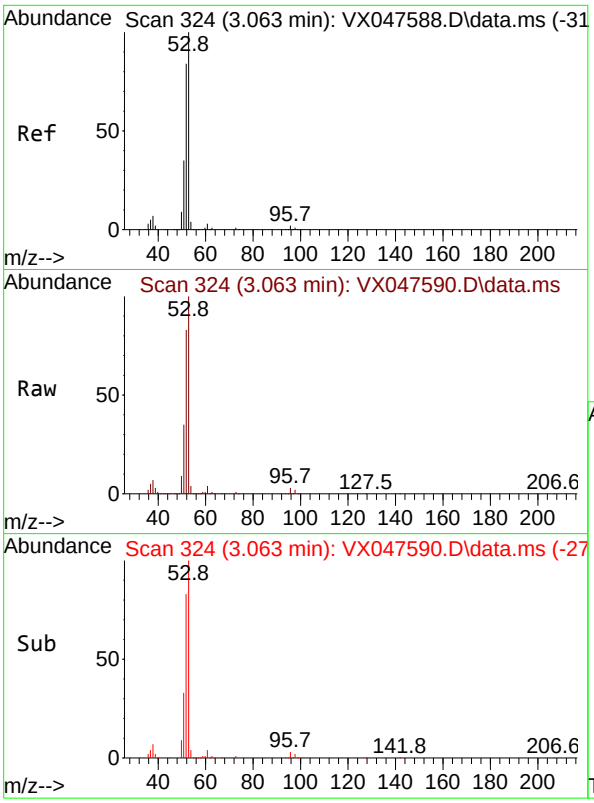


#14
Allyl chloride
Concen: 147.727 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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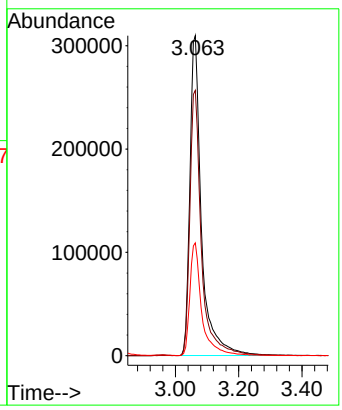
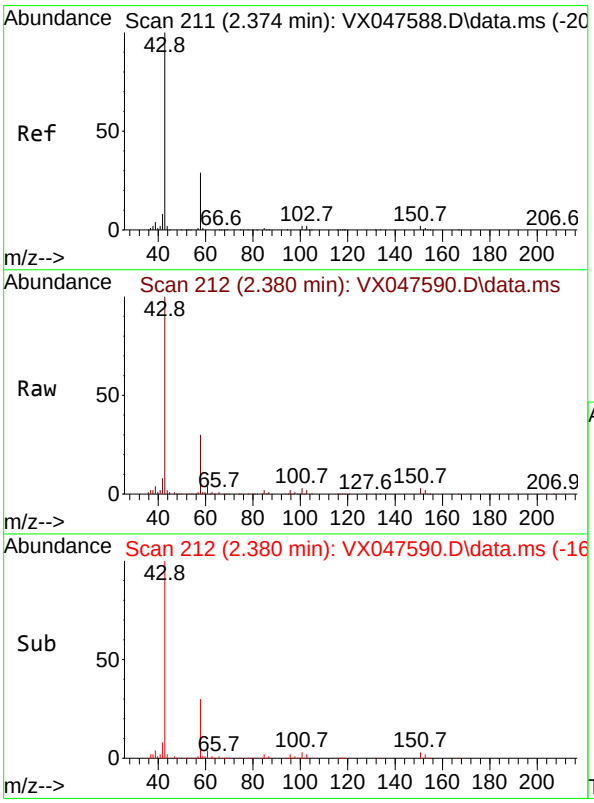
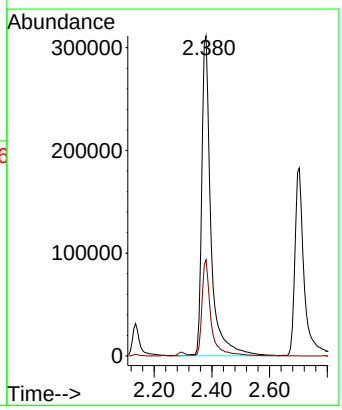


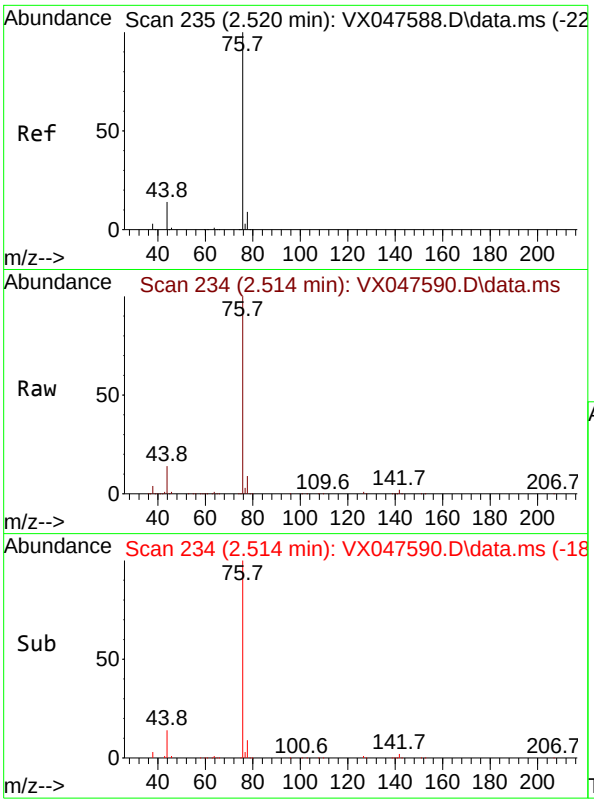


#16
Acetone
Concen: 647.201 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 686119

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0

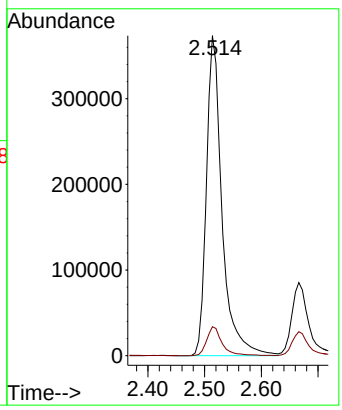




#17
Carbon Disulfide
Concen: 143.412 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 76 Resp: 71450

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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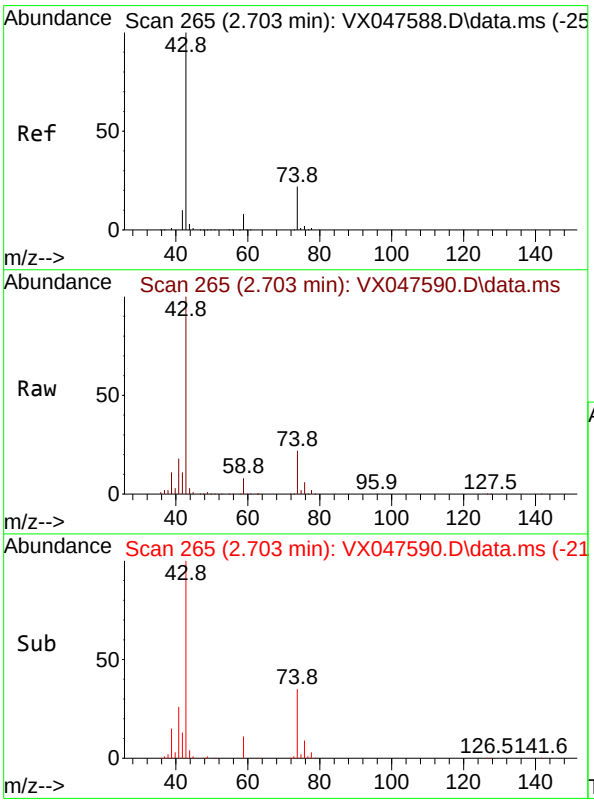
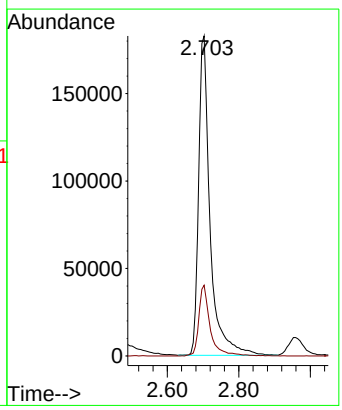
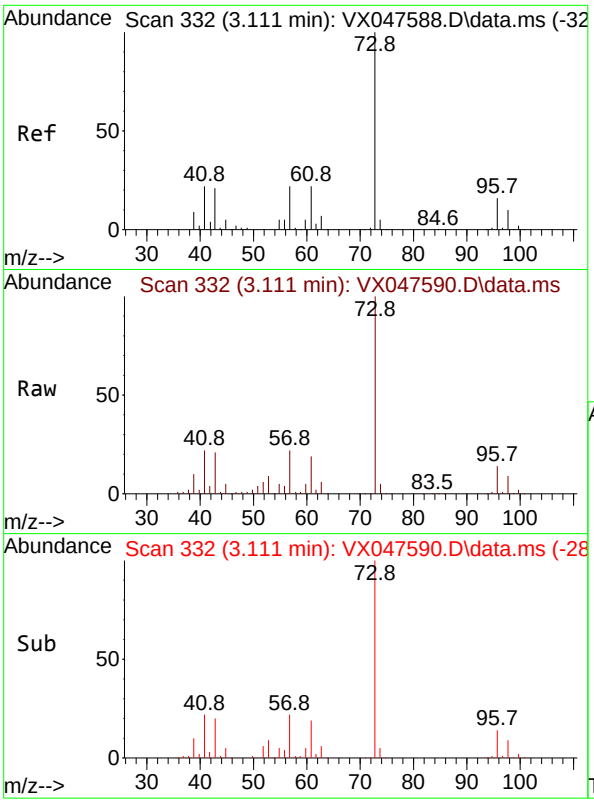


#18
Methyl Acetate
Concen: 171.548 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 404736

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2

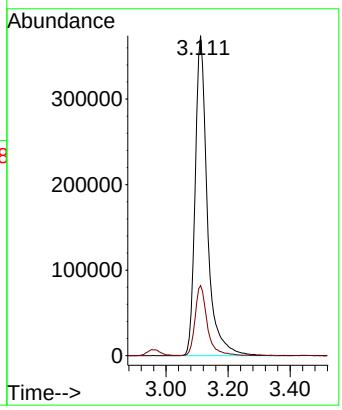




#19
Methyl tert-butyl Ether
Concen: 152.826 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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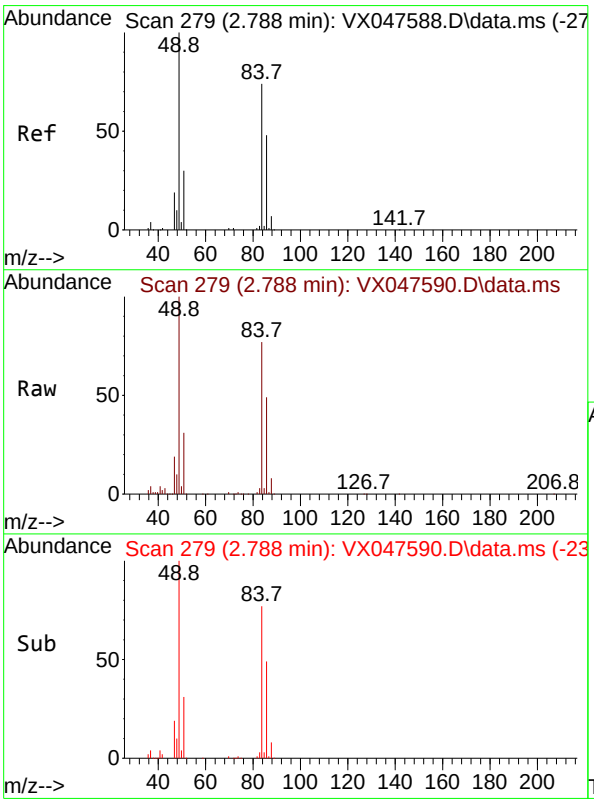
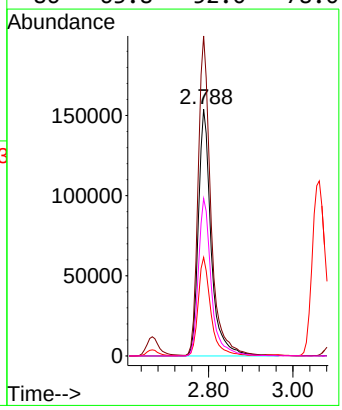
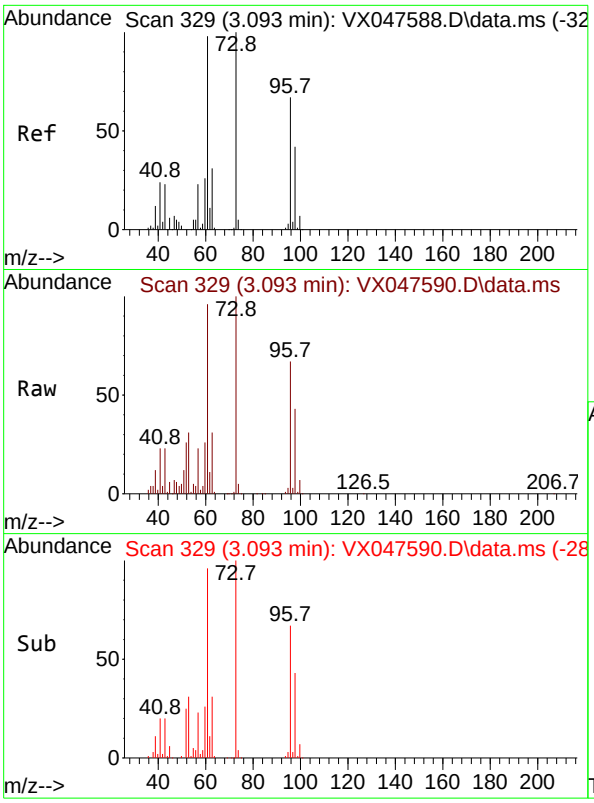


#20
Methylene Chloride
Concen: 144.398 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

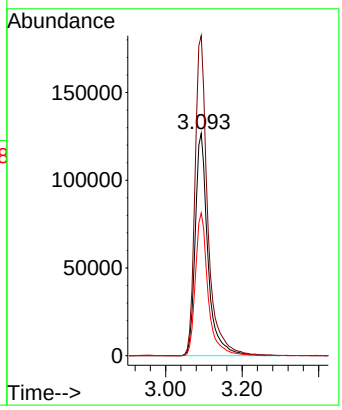




#21
trans-1,2-Dichloroethene
Concen: 148.833 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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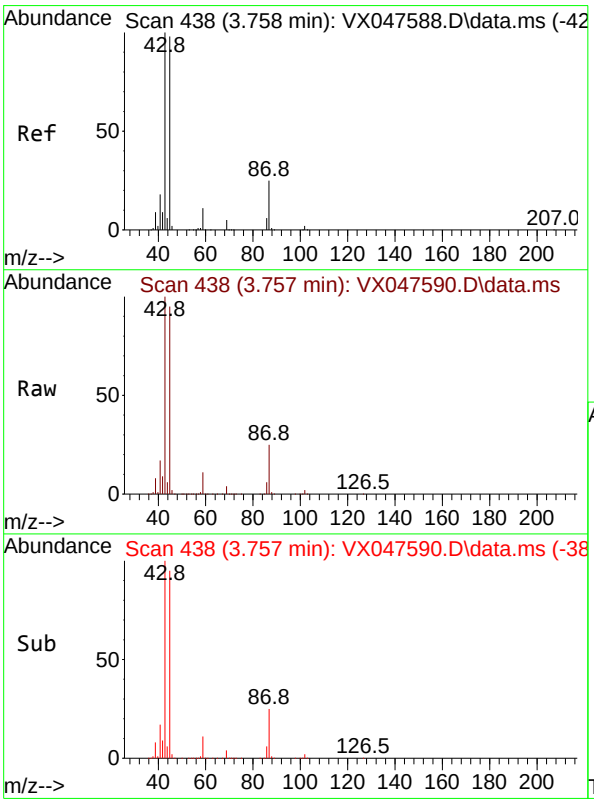
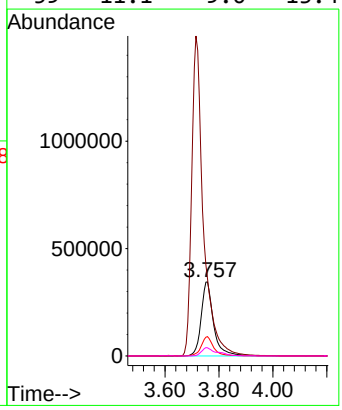
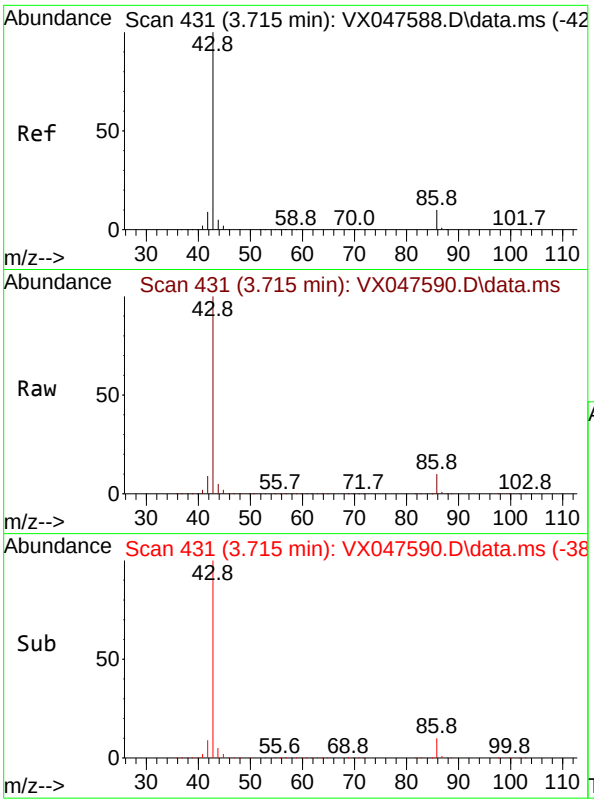


#22
Diisopropyl ether
Concen: 150.551 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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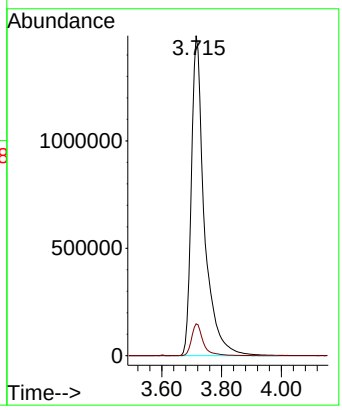
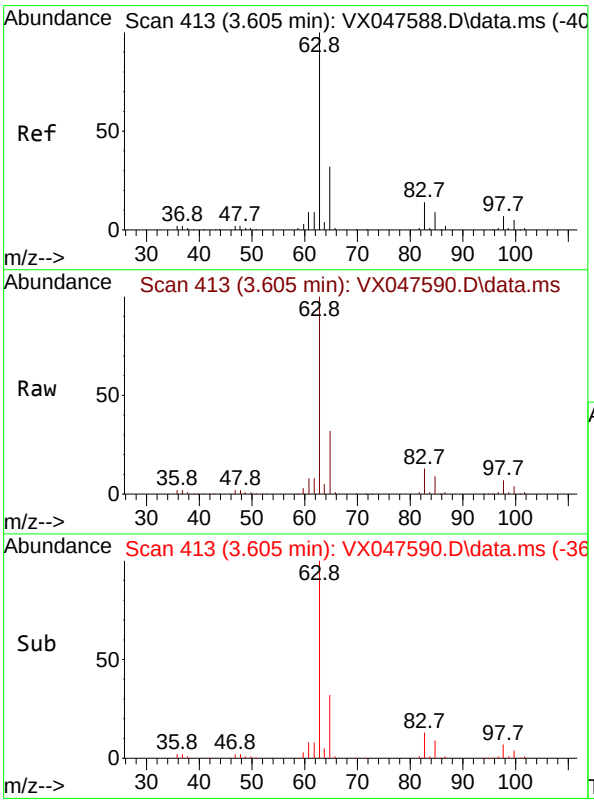
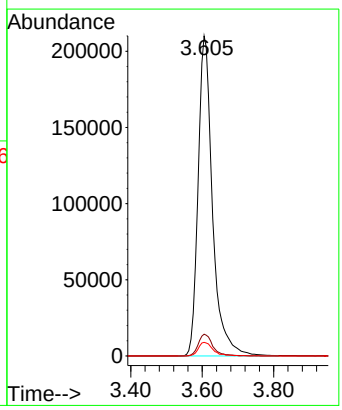


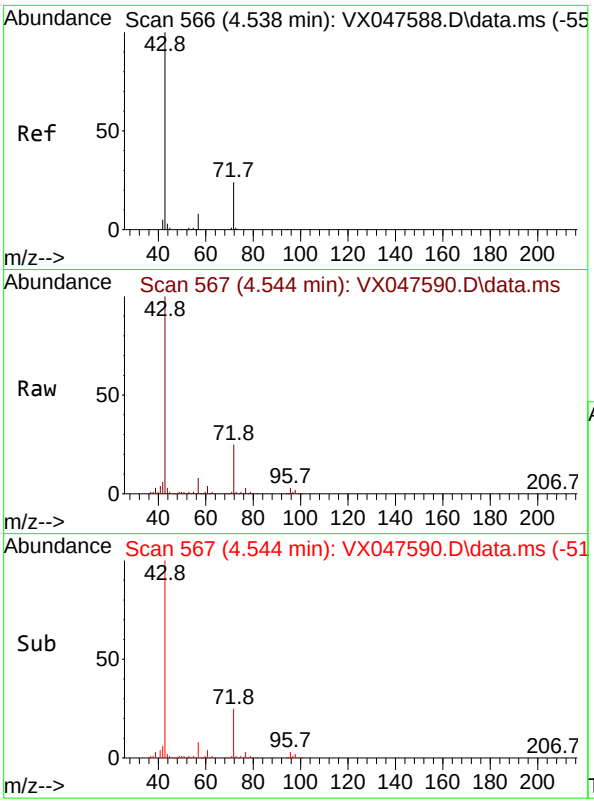


#24
1,1-Dichloroethane
Concen: 151.776 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

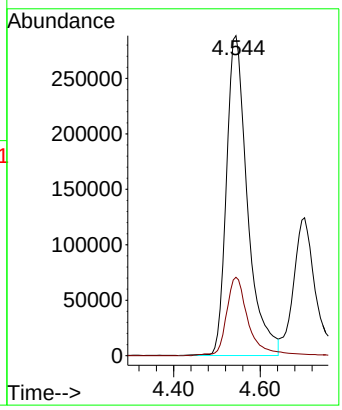




#25
2-Butanone
Concen: 736.502 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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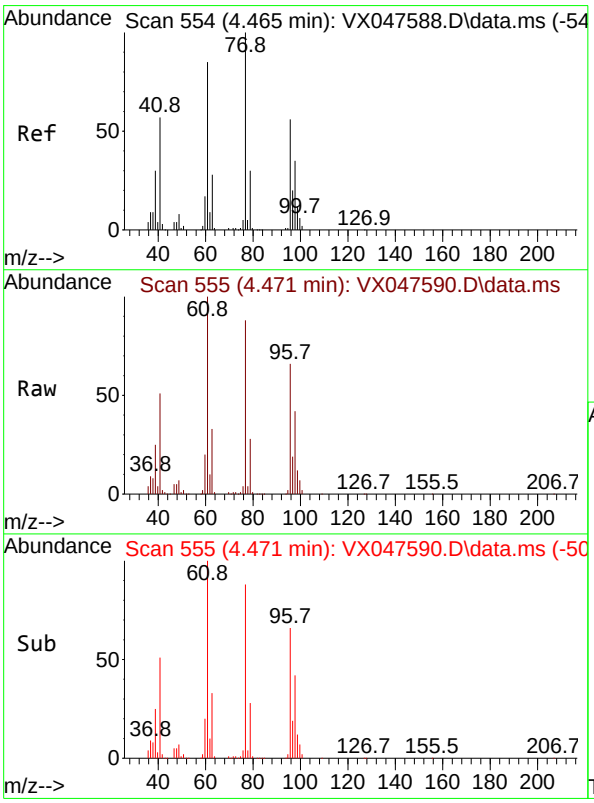
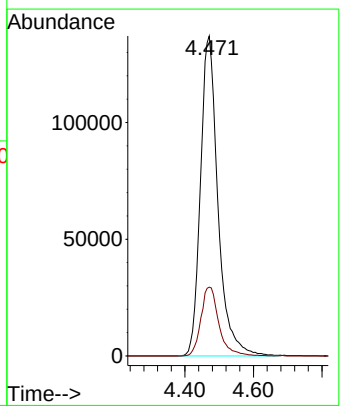
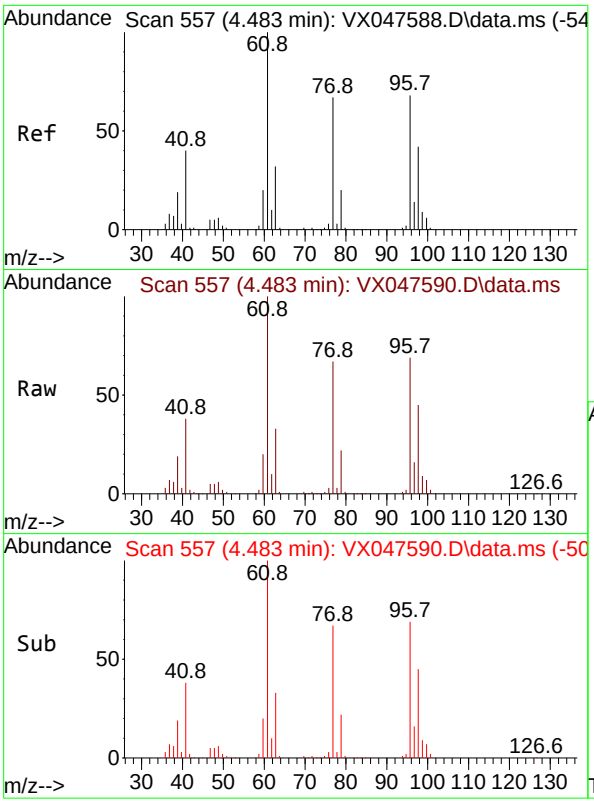


#26
2,2-Dichloropropane
Concen: 151.414 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 77 Resp: 486890

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.9	32.7

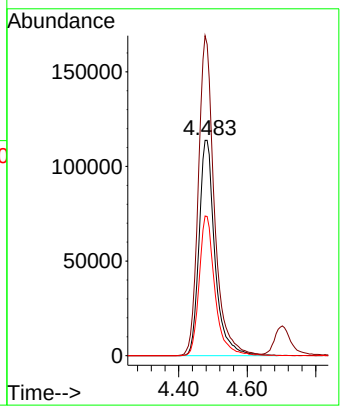




#27
cis-1,2-Dichloroethene
Concen: 152.638 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

Manual Integrations
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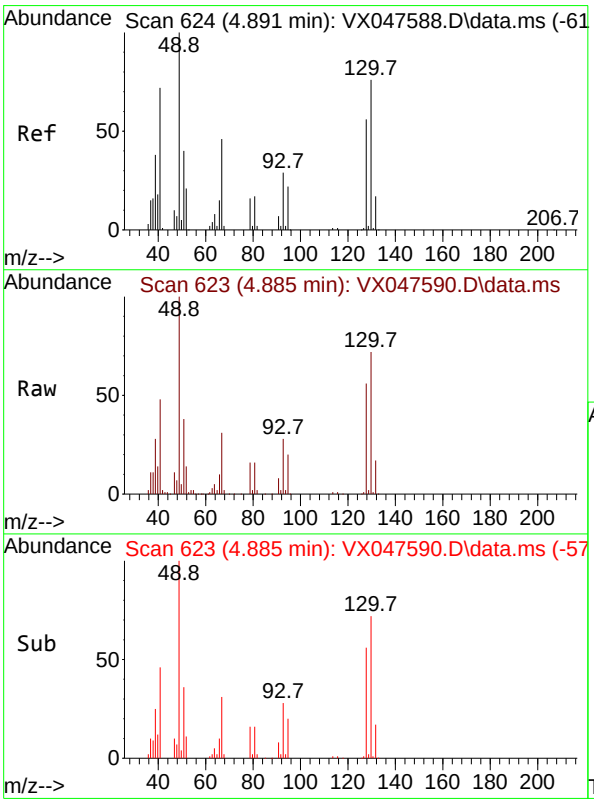
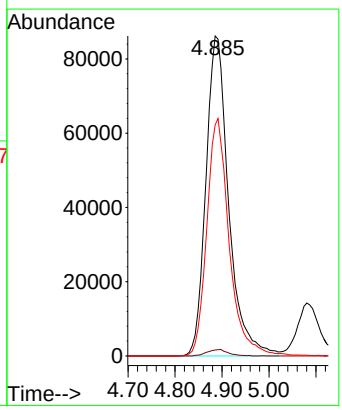
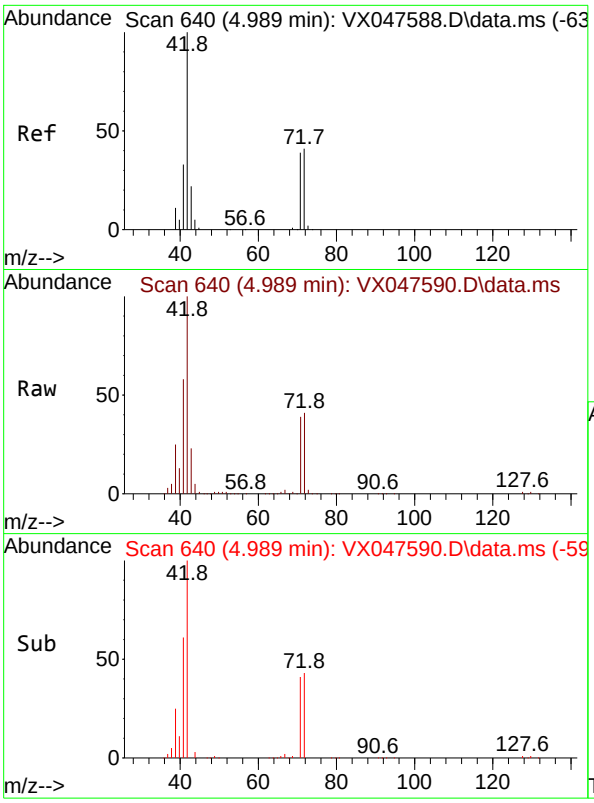


#28
Bromochloromethane
Concen: 171.451 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

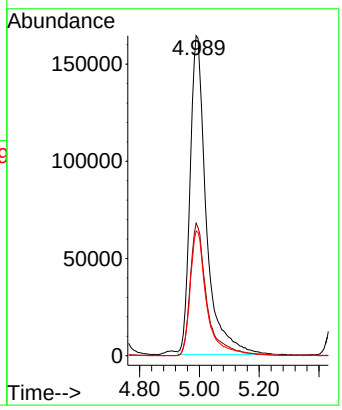




#29
Tetrahydrofuran
Concen: 774.811 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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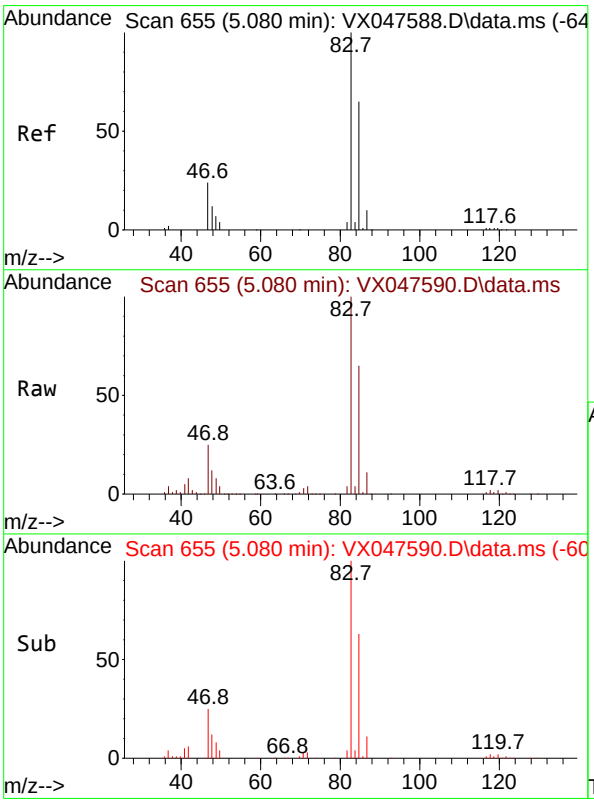
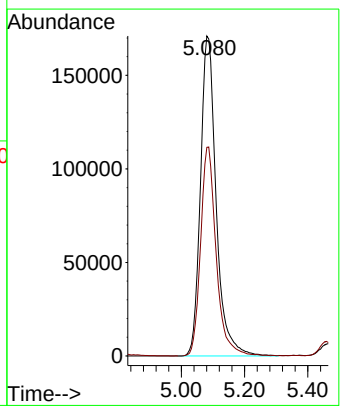
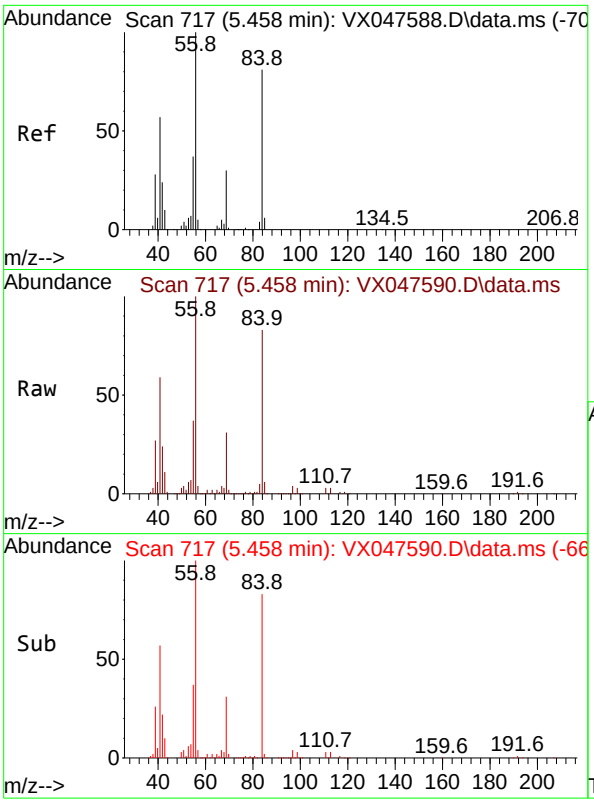


#30
Chloroform
Concen: 151.367 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 591709

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.6

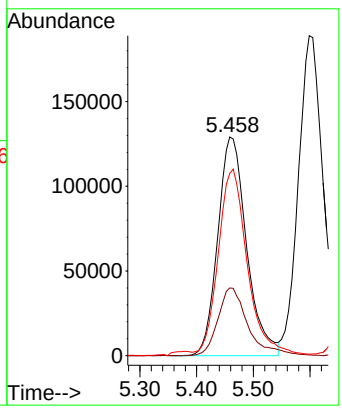




#31
Cyclohexane
Concen: 141.570 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

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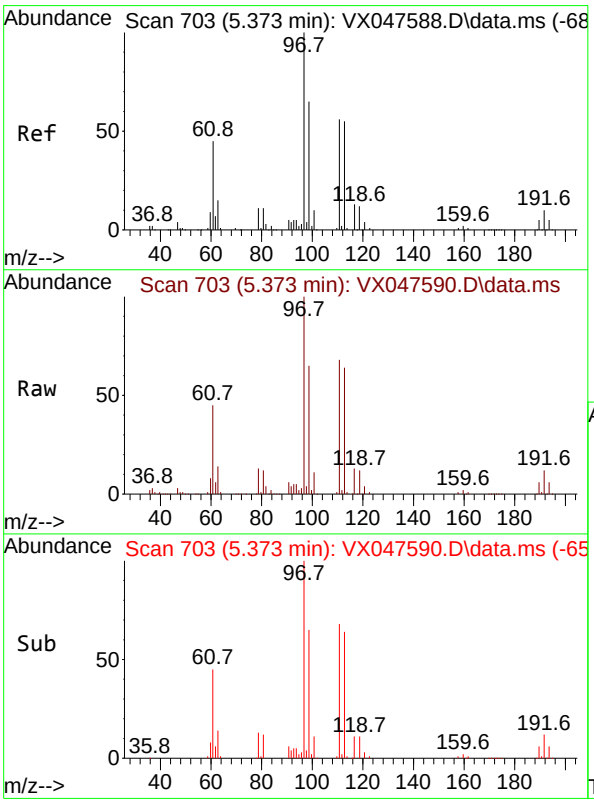
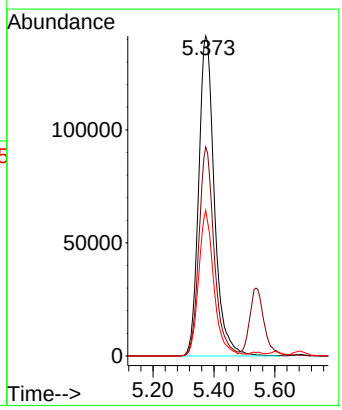
Supervised By :Mahesh Dadoda 09/18/2025

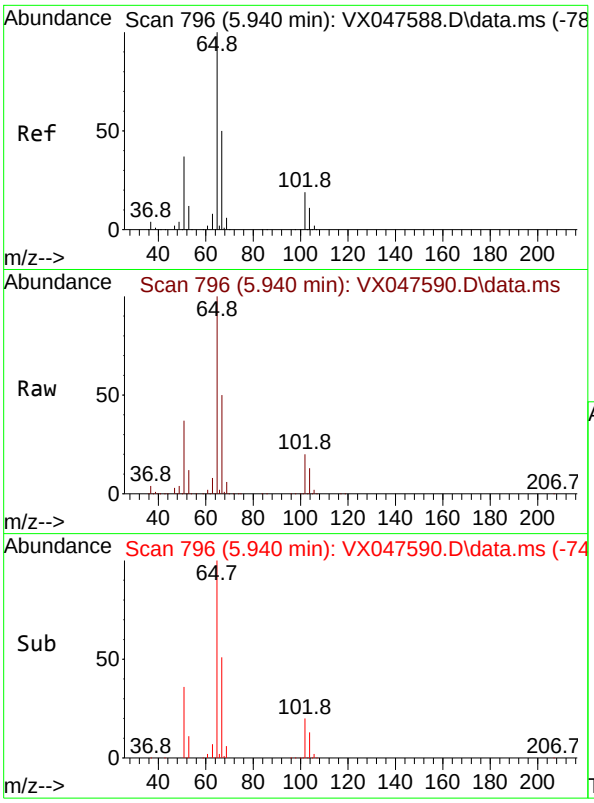


#32
1,1,1-Trichloroethane
Concen: 152.802 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

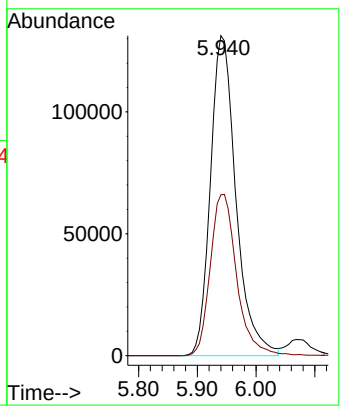




#33
1,2-Dichloroethane-d4
Concen: 162.673 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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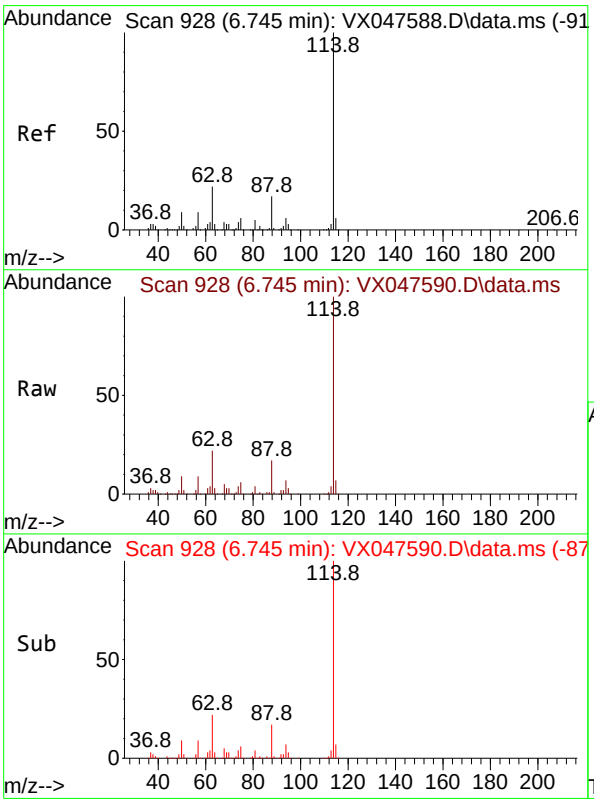
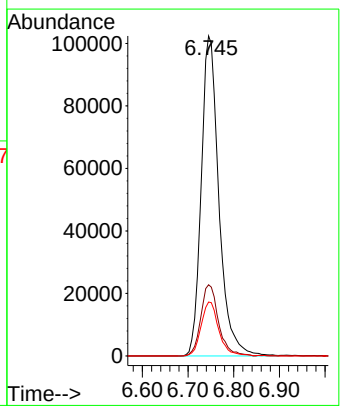
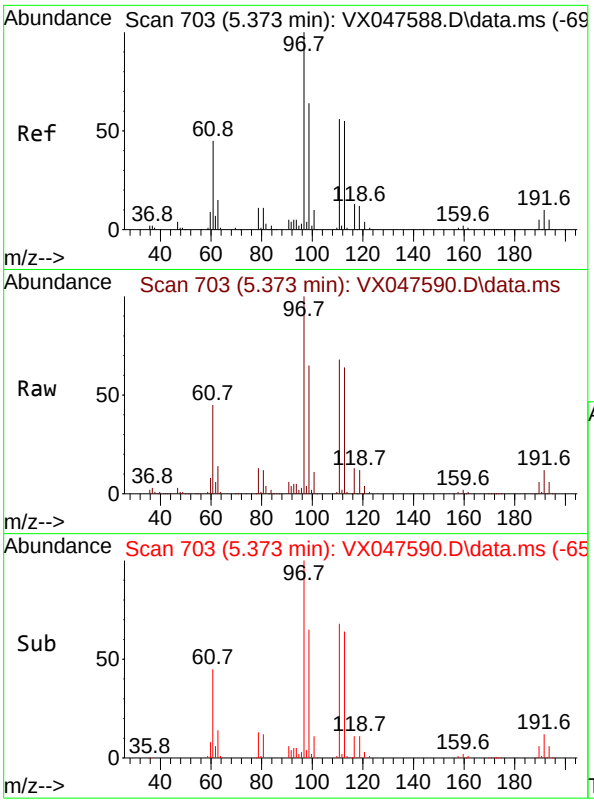


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

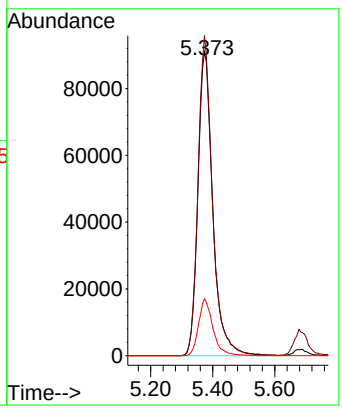




#35
Dibromofluoromethane
Concen: 164.802 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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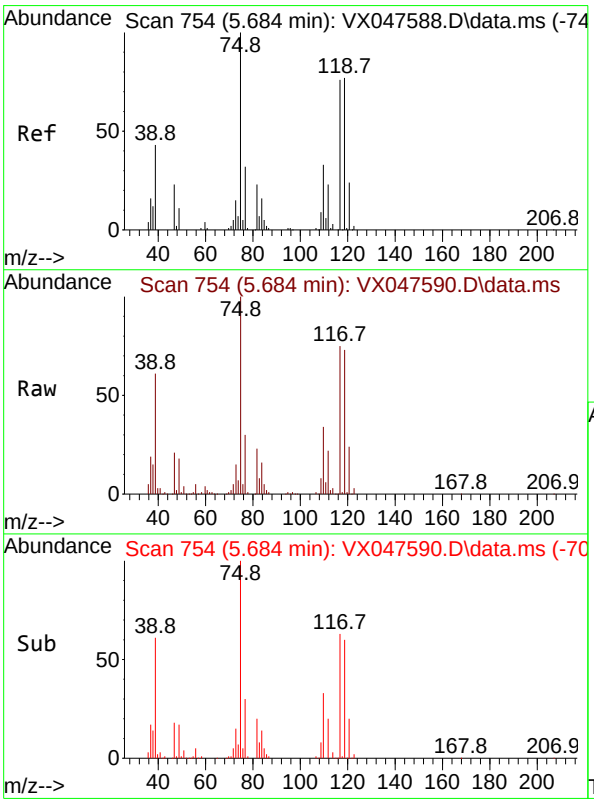
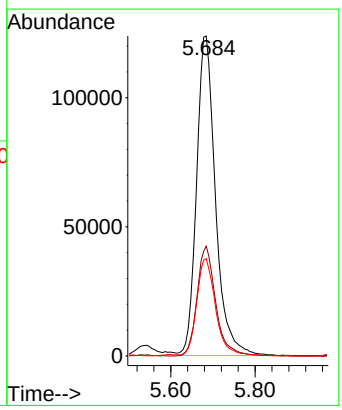
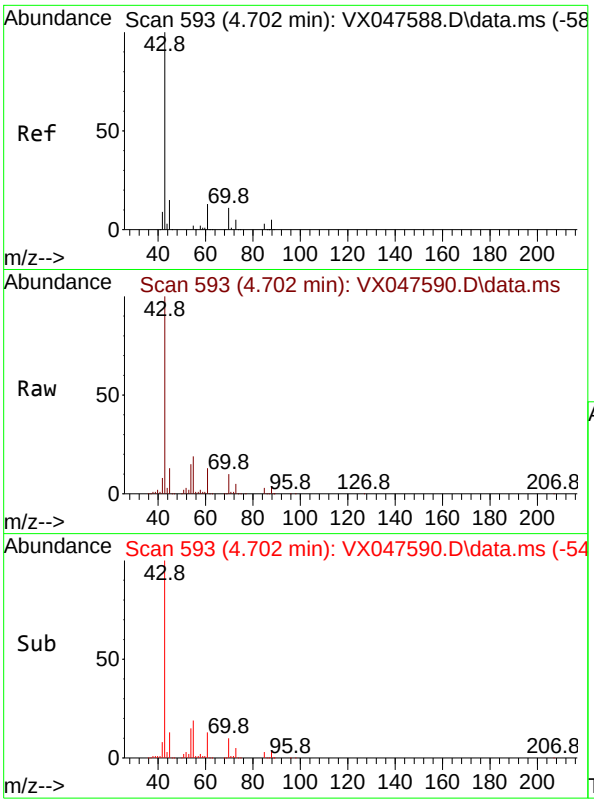


#36
1,1-Dichloropropene
Concen: 143.556 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

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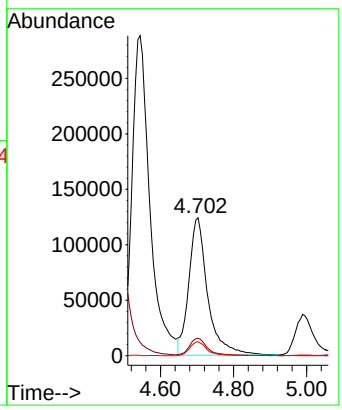
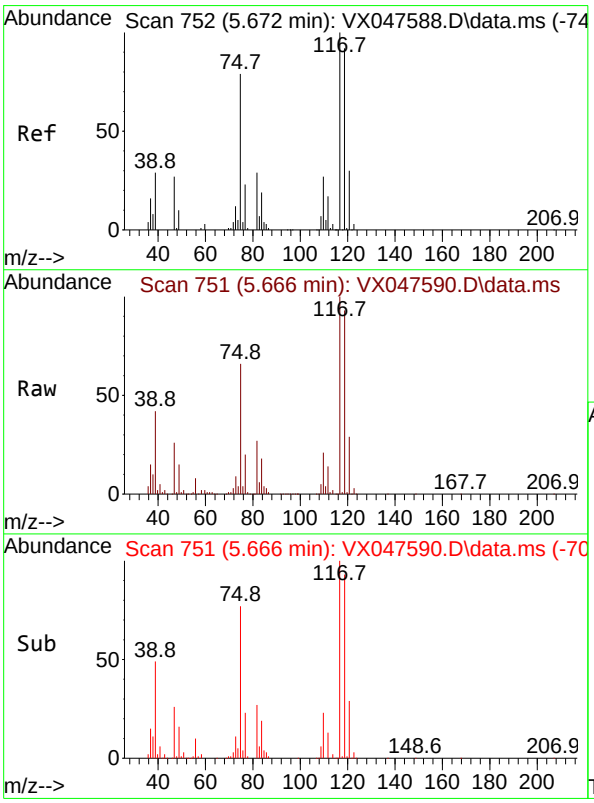
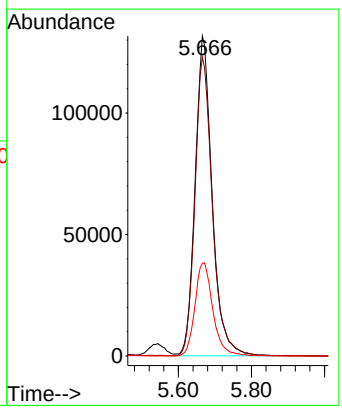


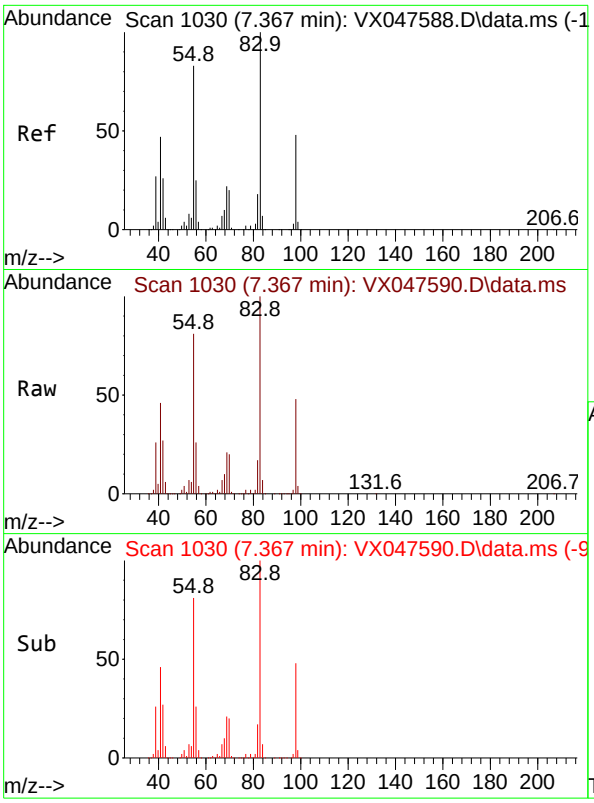


#38
Carbon Tetrachloride
Concen: 146.021 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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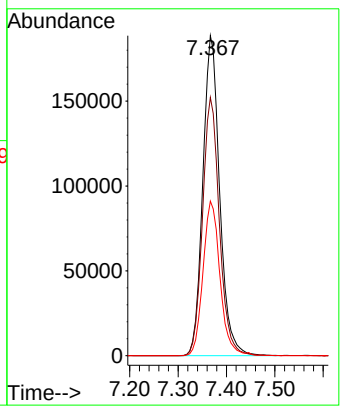
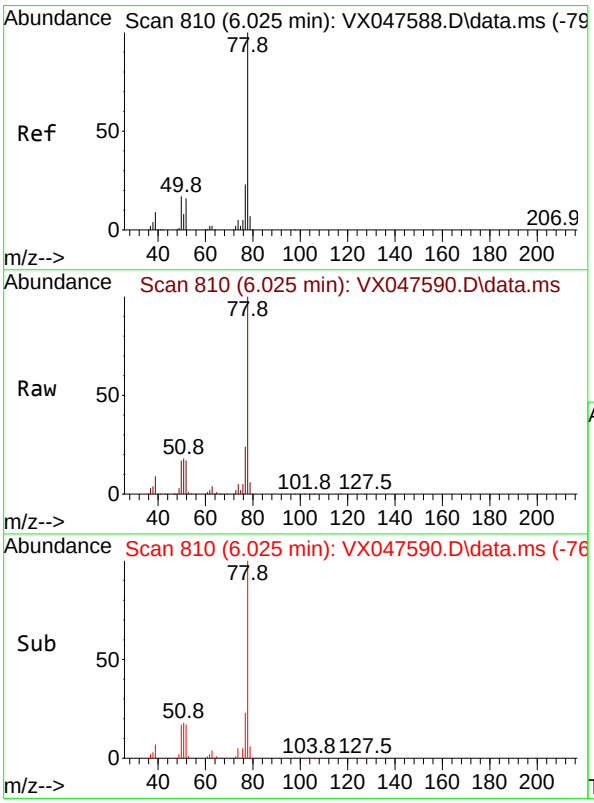
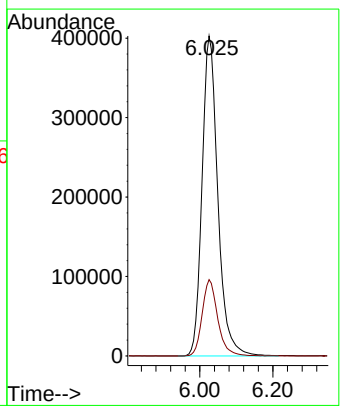


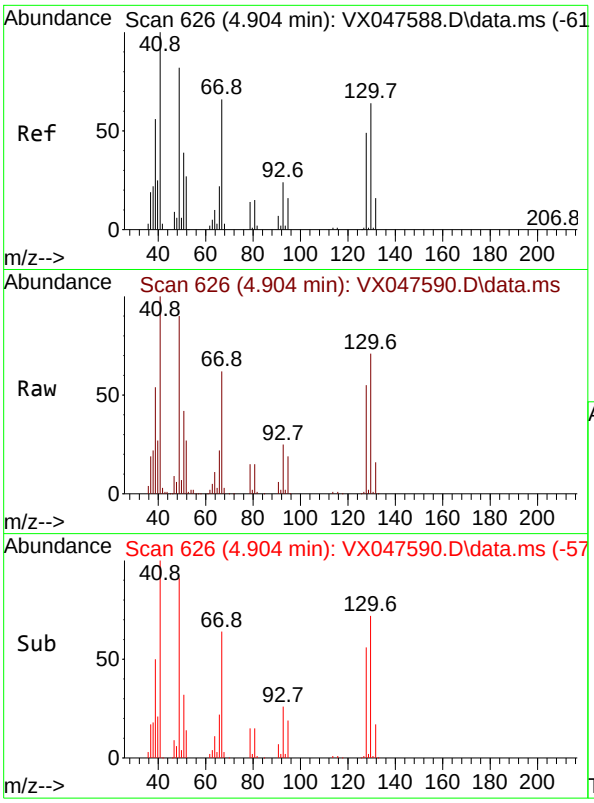


#40
Benzene
Concen: 147.057 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 78 Resp: 1202846

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2

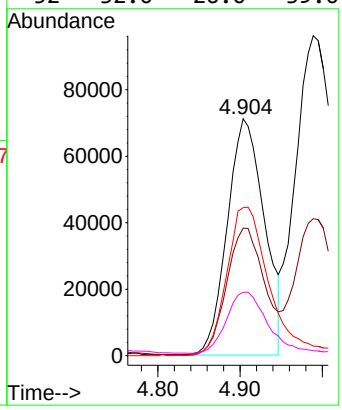




#41
Methacrylonitrile
Concen: 149.951 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

Manual Integrations APPROVED

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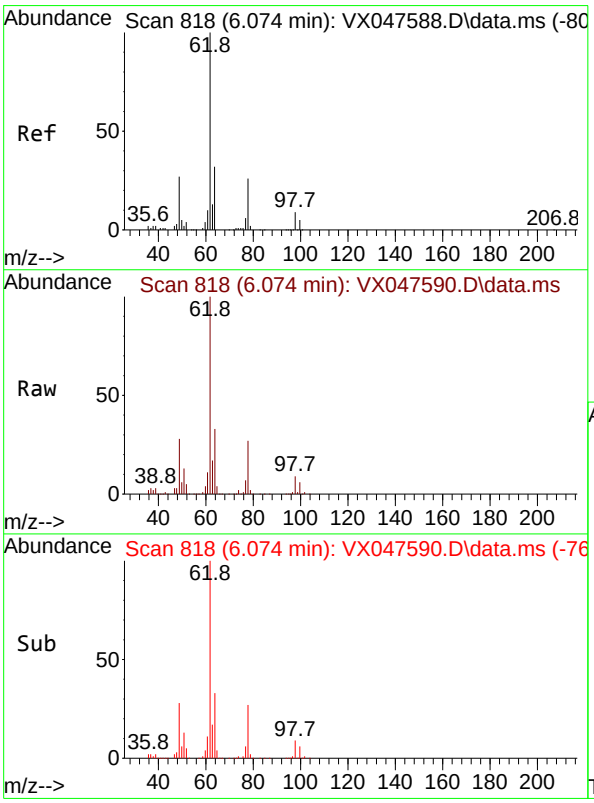
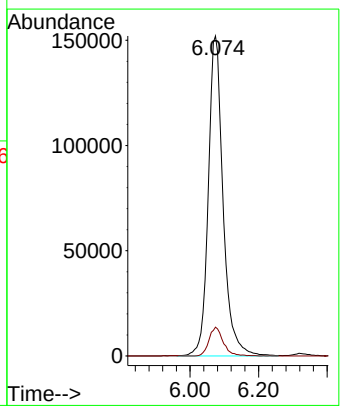
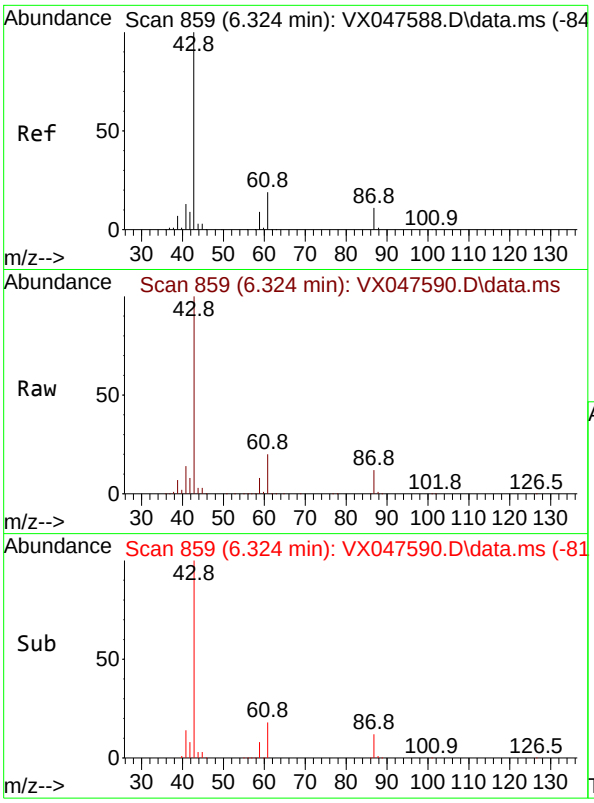


#42
1,2-Dichloroethane
Concen: 146.515 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 455978

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

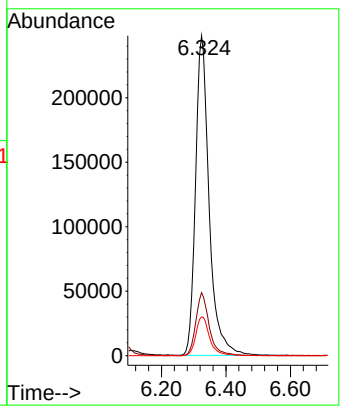




#43
Isopropyl Acetate
Concen: 153.283 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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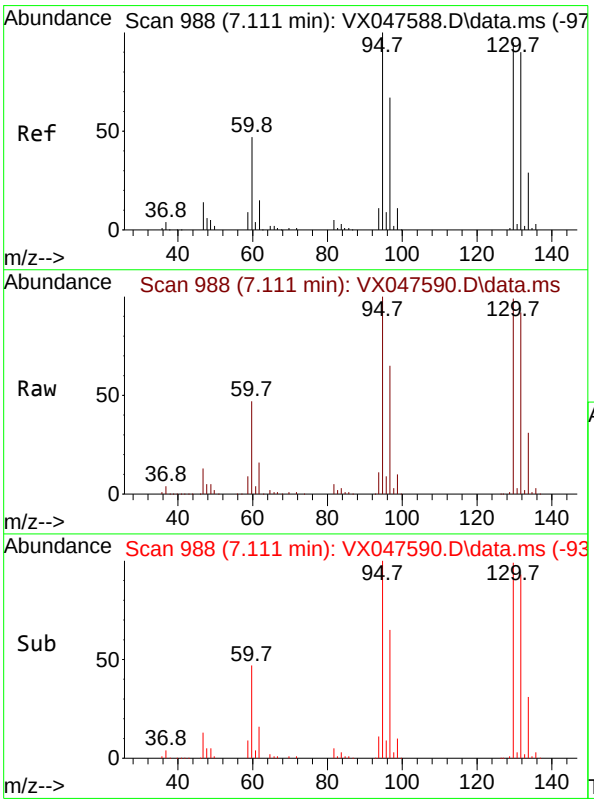
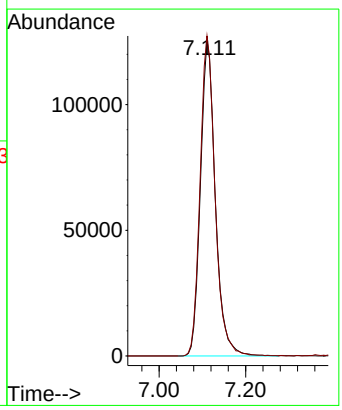
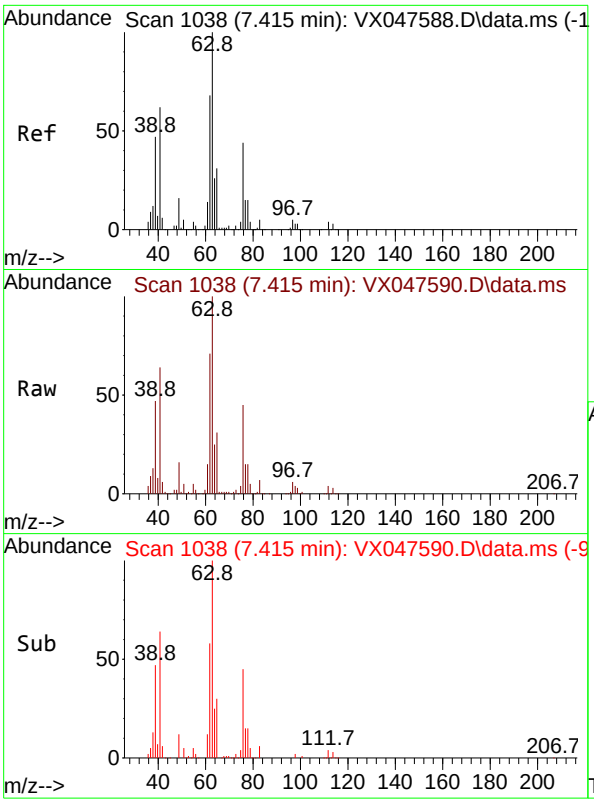


#44
Trichloroethene
Concen: 151.542 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:130 Resp: 299673

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	210.8

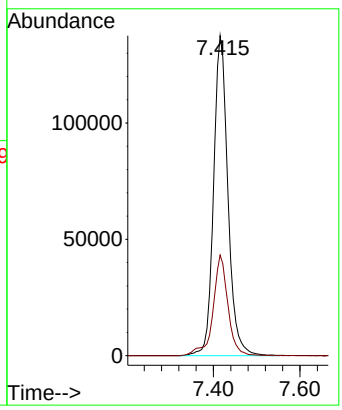




#45
1,2-Dichloropropane
Concen: 151.219 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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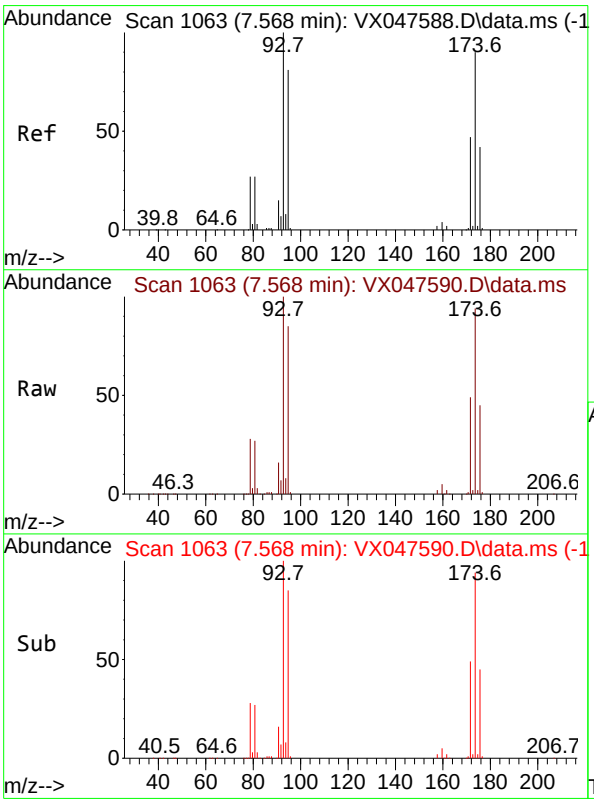
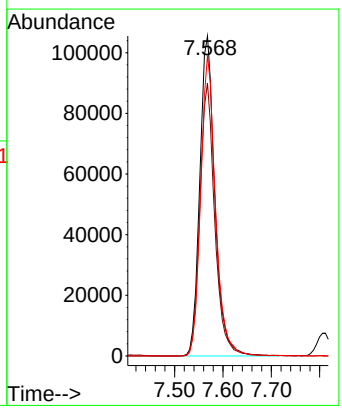
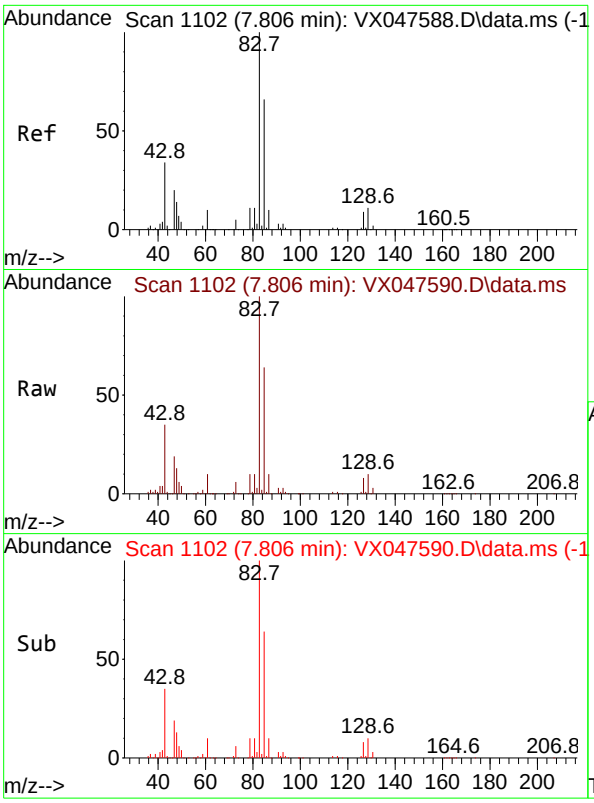


#46
Dibromomethane
Concen: 149.954 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

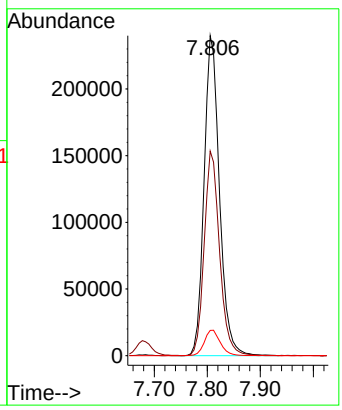




#47
Bromodichloromethane
Concen: 153.710 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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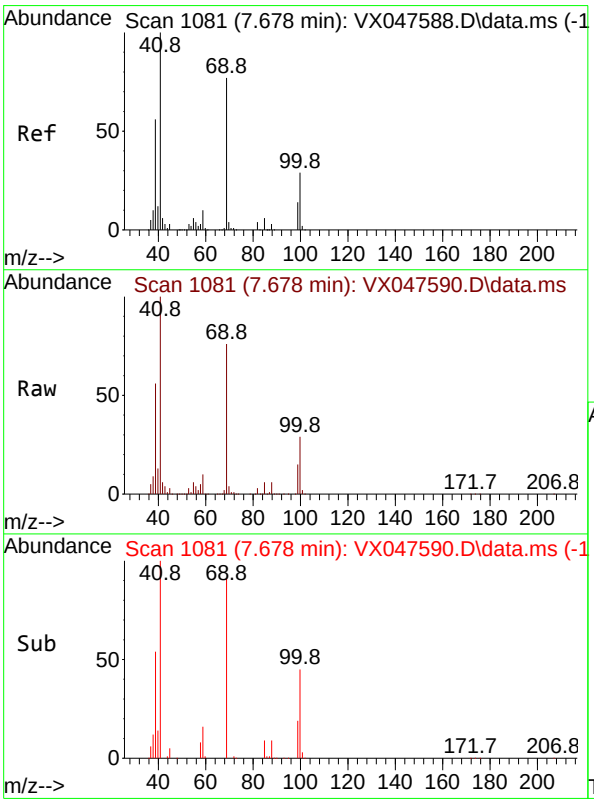
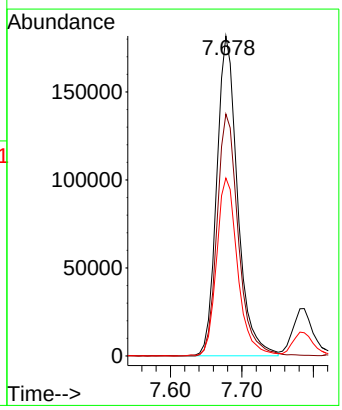
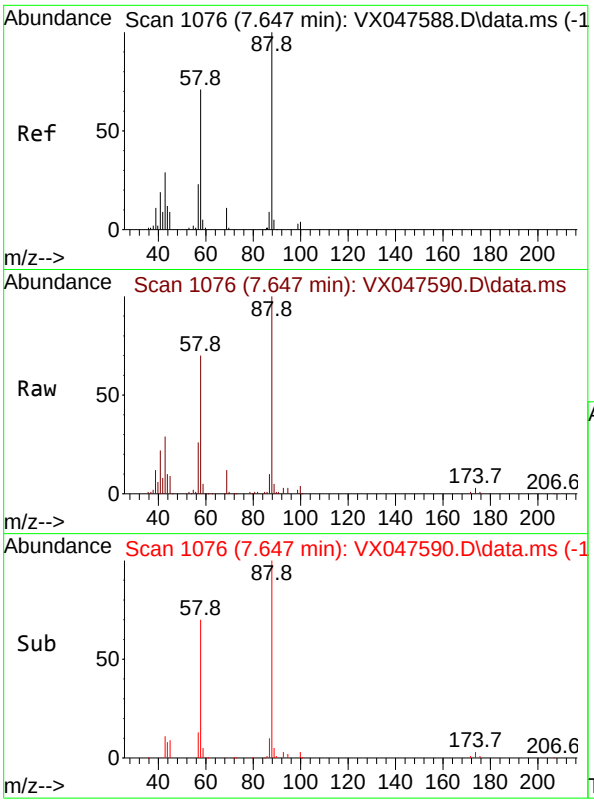


#48
Methyl methacrylate
Concen: 156.194 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

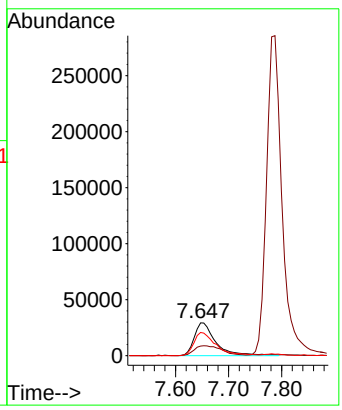




#49
1,4-Dioxane
Concen: 3475.565 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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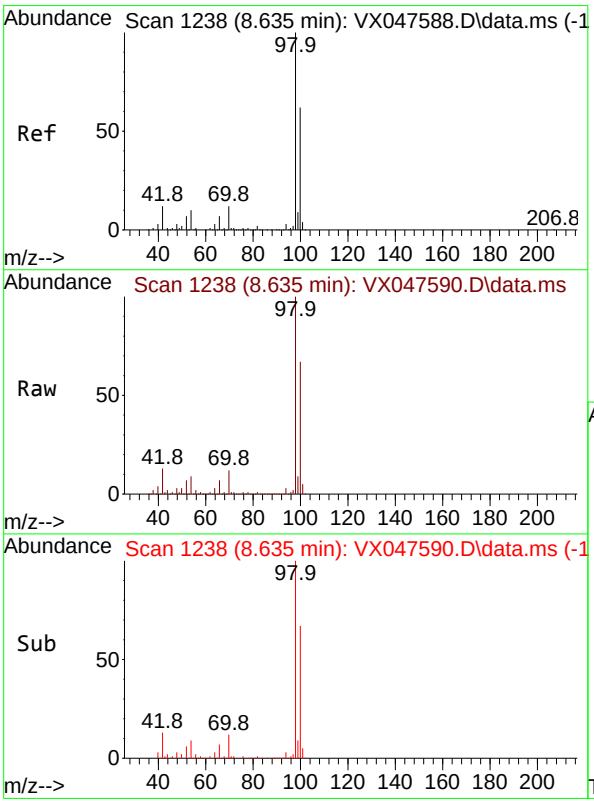
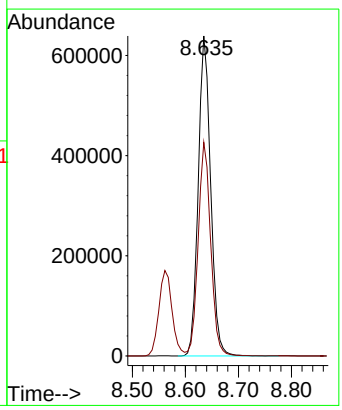
Supervised By :Mahesh Dadoda 09/18/2025

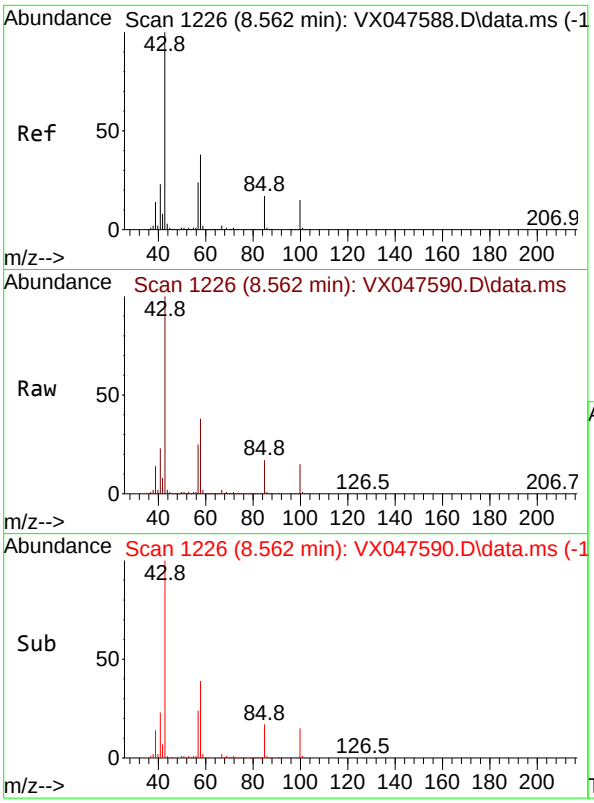


#50
Toluene-d8
Concen: 163.253 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 98 Resp: 1041079

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4

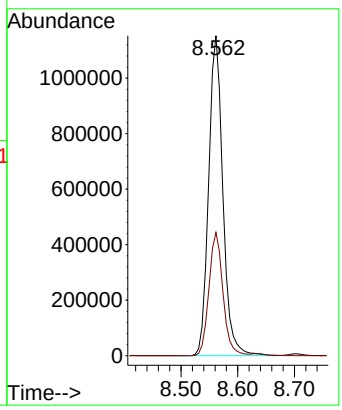




#51
4-Methyl-2-Pentanone
Concen: 765.849 ug/l
RT: 8.562 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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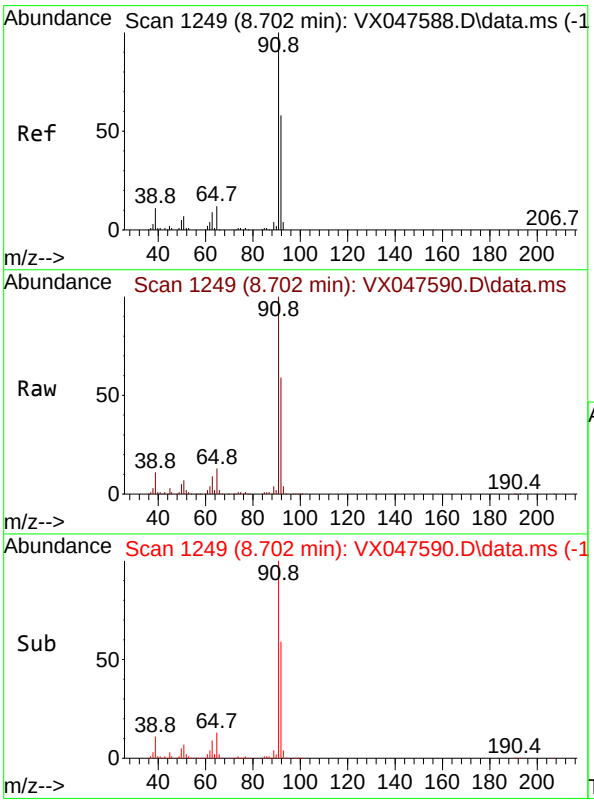
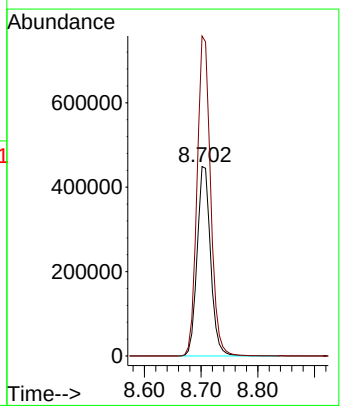
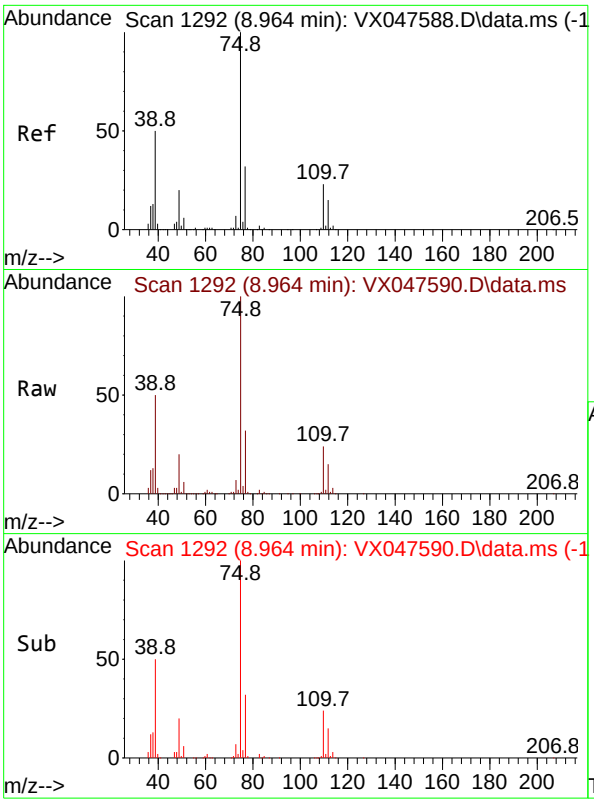


#52
Toluene
Concen: 146.712 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 92 Resp: 739332

Ion	Ratio	Lower	Upper
92	100		
91	169.5	137.1	205.7

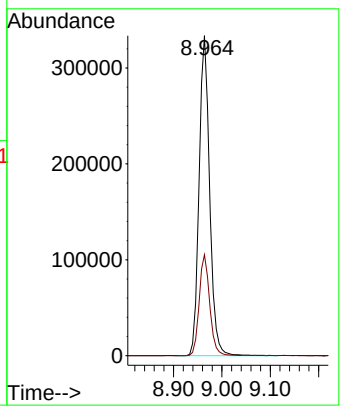




#53
t-1,3-Dichloropropene
Concen: 157.076 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 50391

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2



Instrument :
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ClientSampleId :
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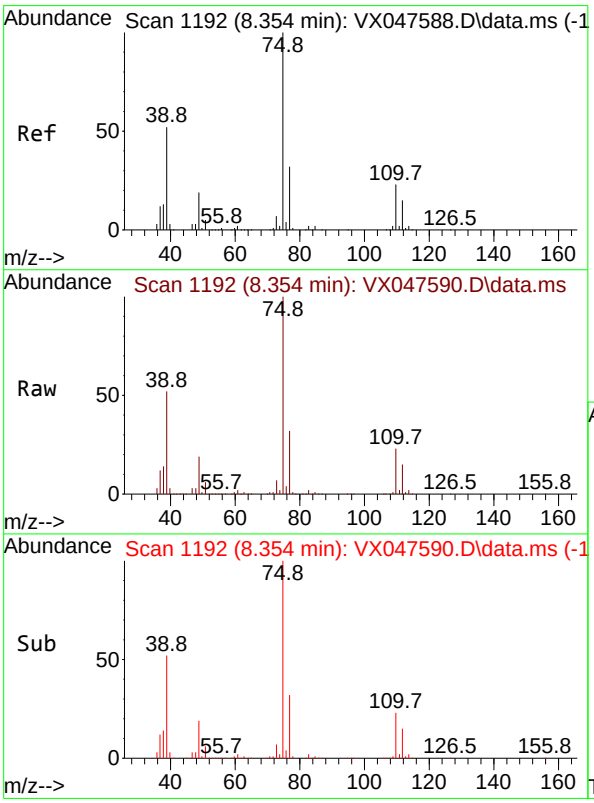
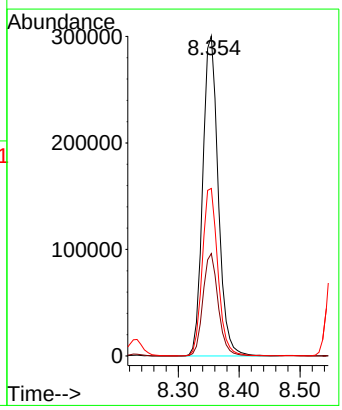
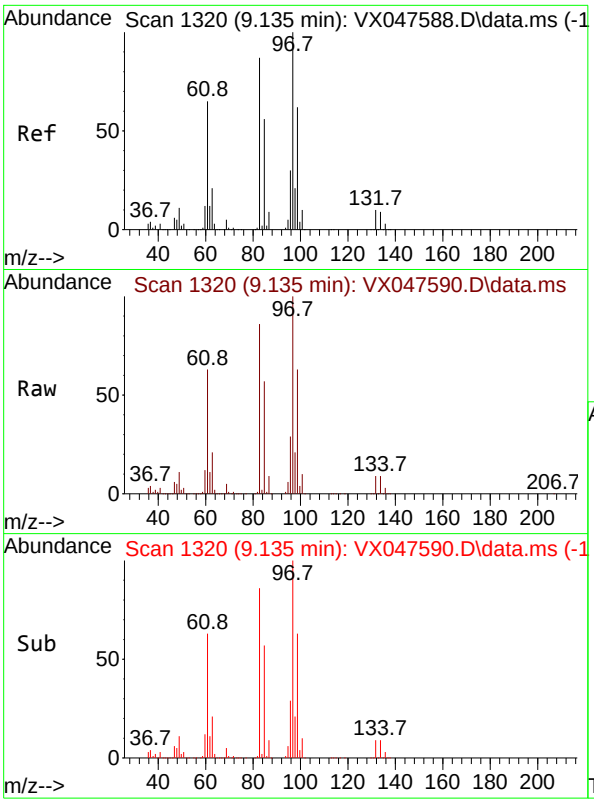


#54
cis-1,3-Dichloropropene
Concen: 154.732 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

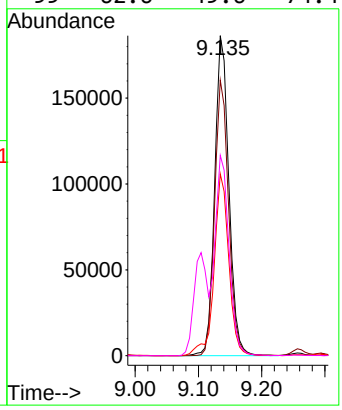




#55
1,1,2-Trichloroethane
Concen: 148.781 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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 :
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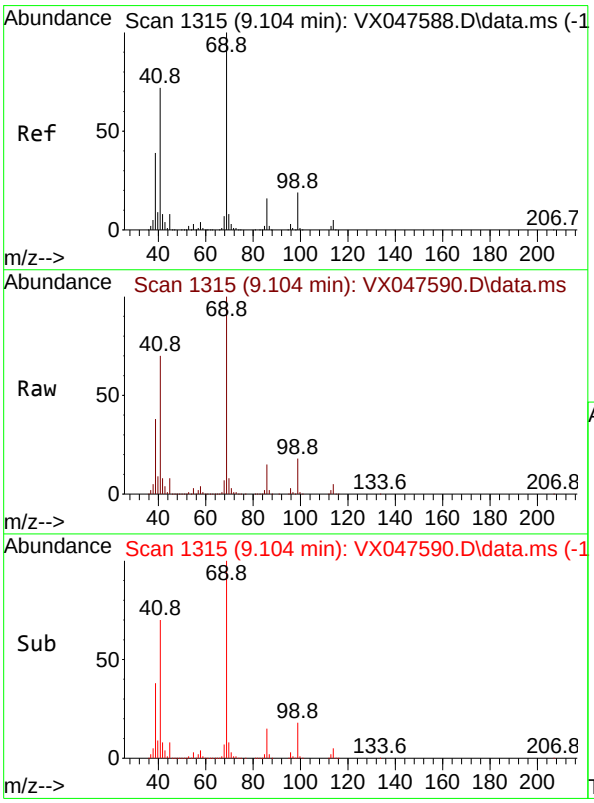
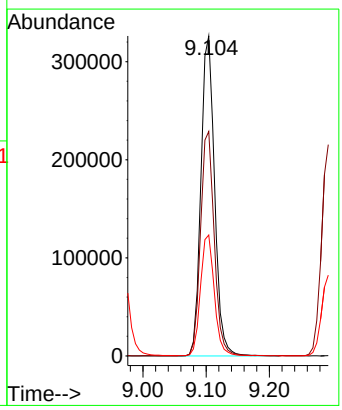
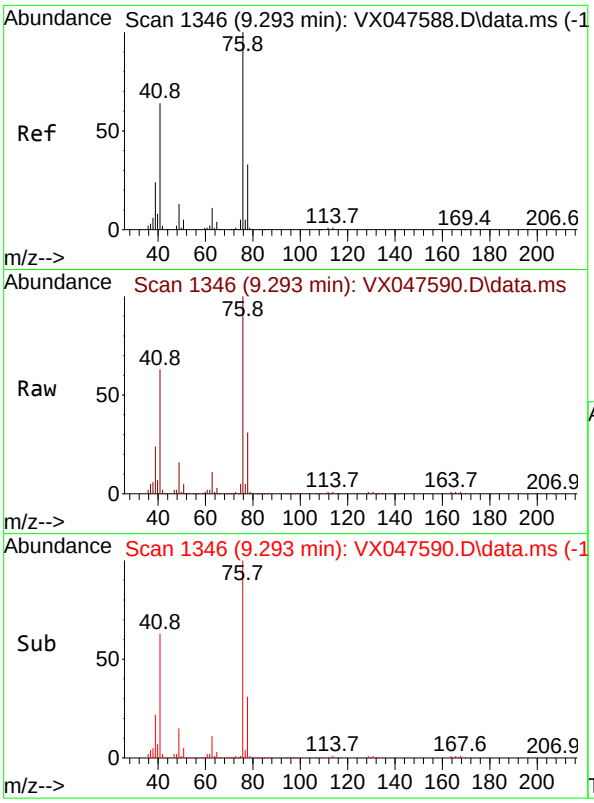


#56
Ethyl methacrylate
Concen: 160.773 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

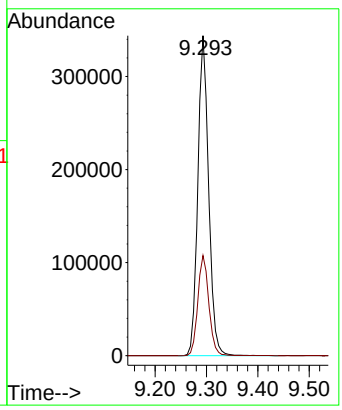




#57
1,3-Dichloropropane
Concen: 150.426 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 76 Resp: 50212

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
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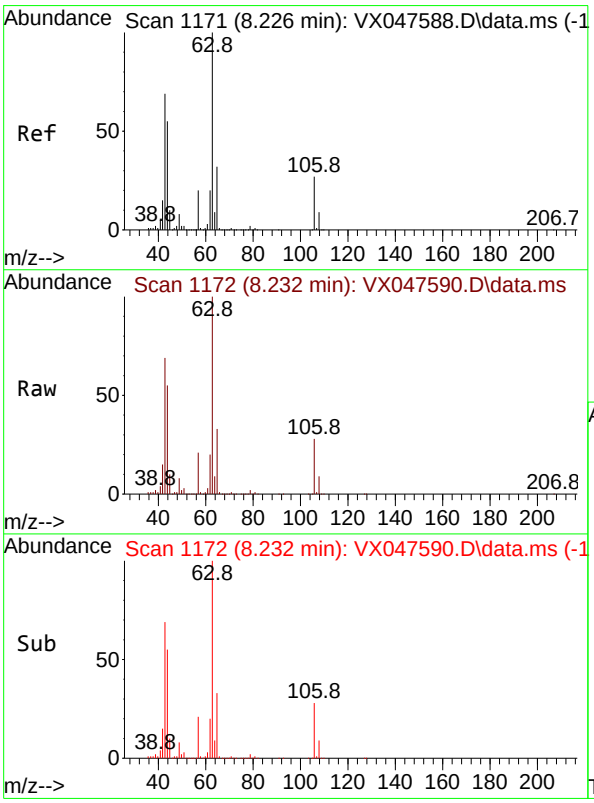
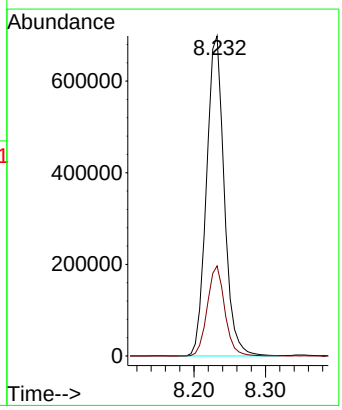
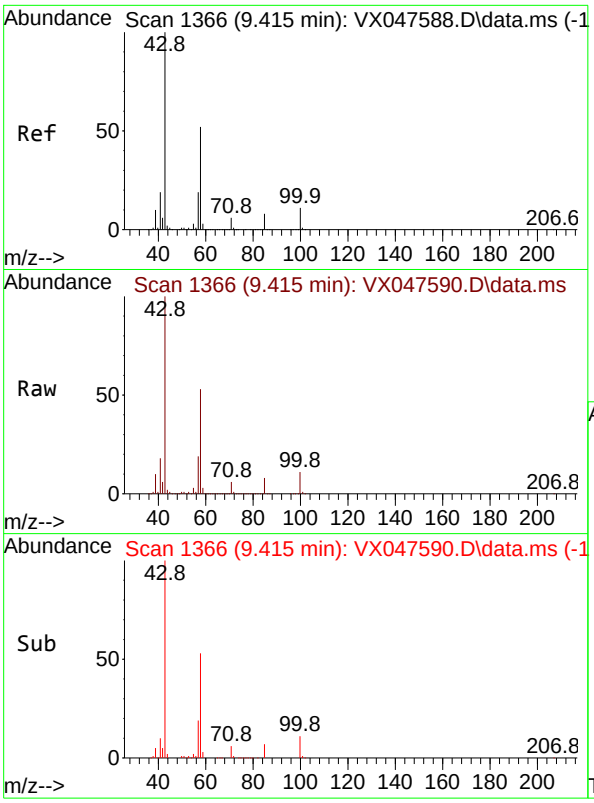


#58
2-Chloroethyl Vinyl ether
Concen: 749.661 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 1202206

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9

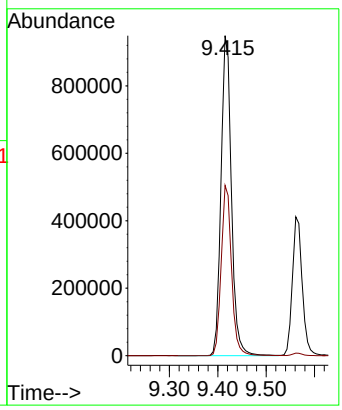




#59
2-Hexanone
Concen: 750.035 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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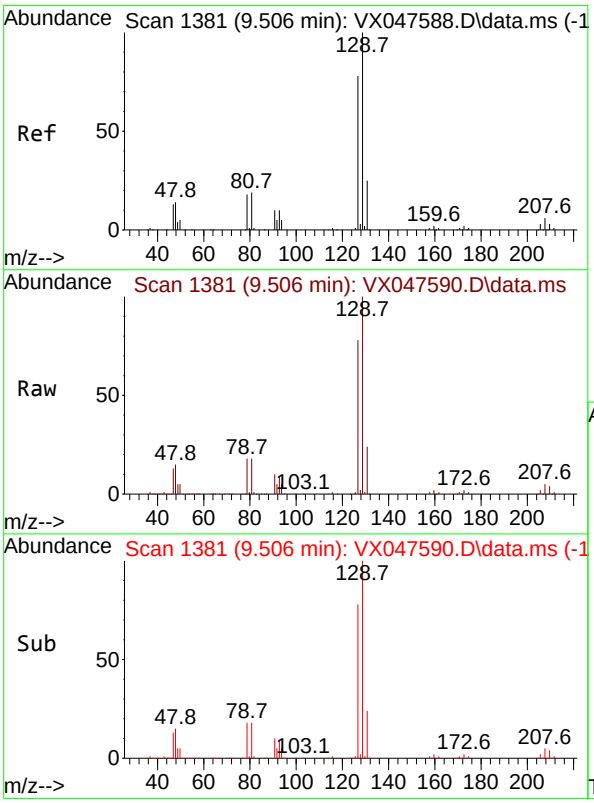
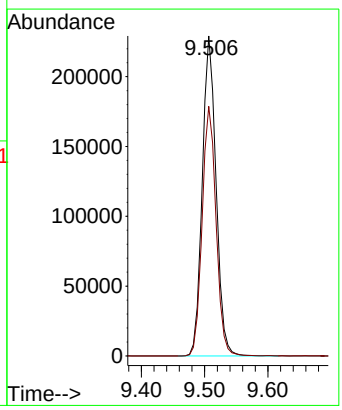
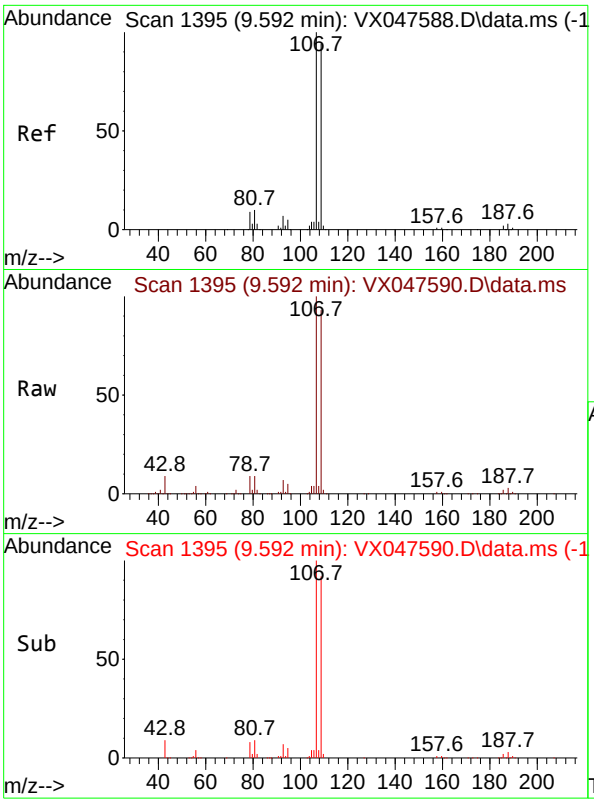


#60
Dibromochloromethane
Concen: 155.318 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:129 Resp: 347748

Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.4	115.2

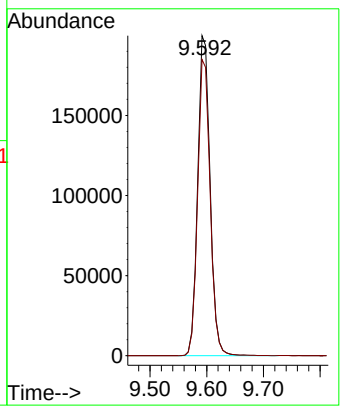




#61
1,2-Dibromoethane
Concen: 152.949 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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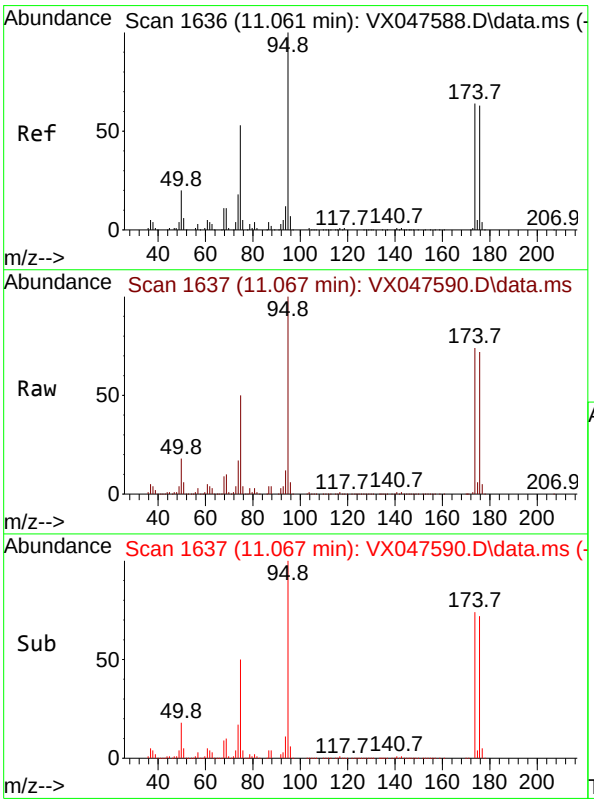
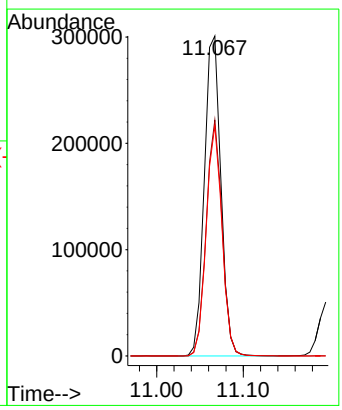
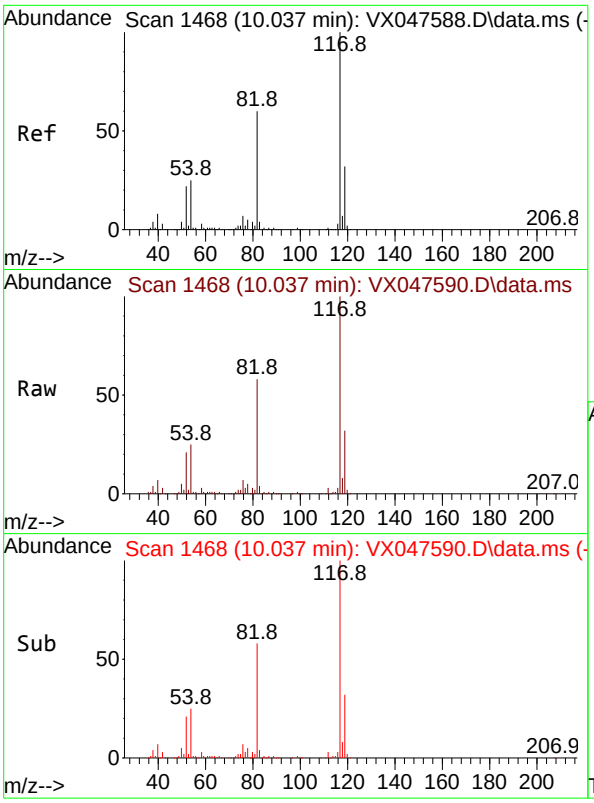


#62
4-Bromofluorobenzene
Concen: 165.020 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

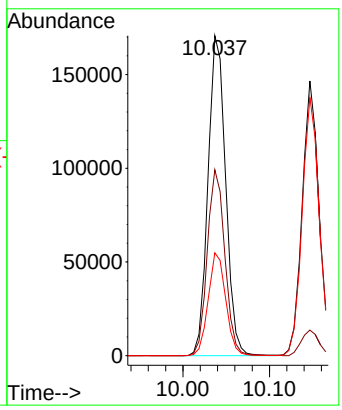




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 241818

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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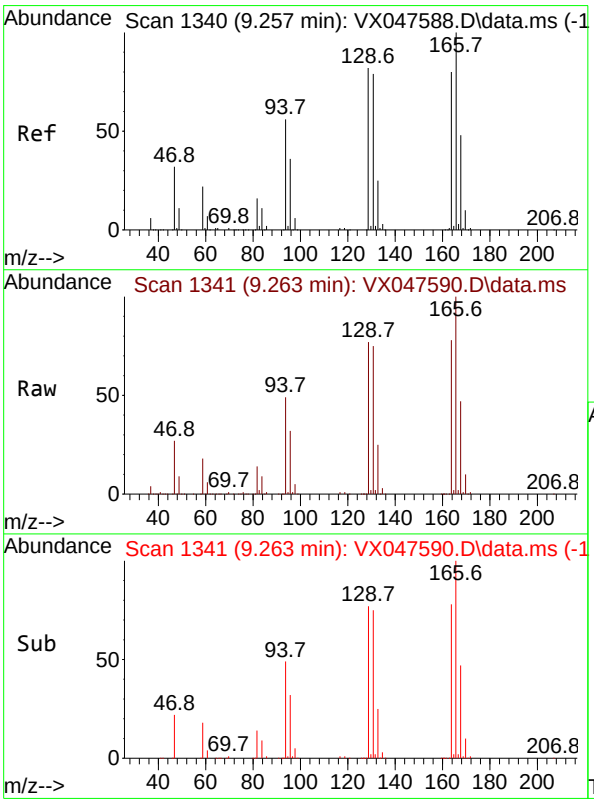
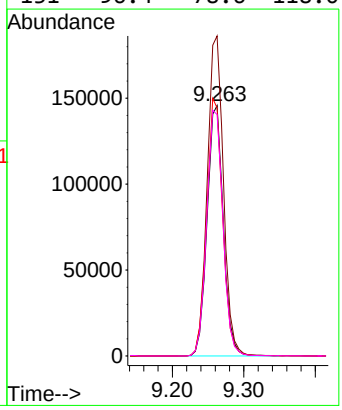
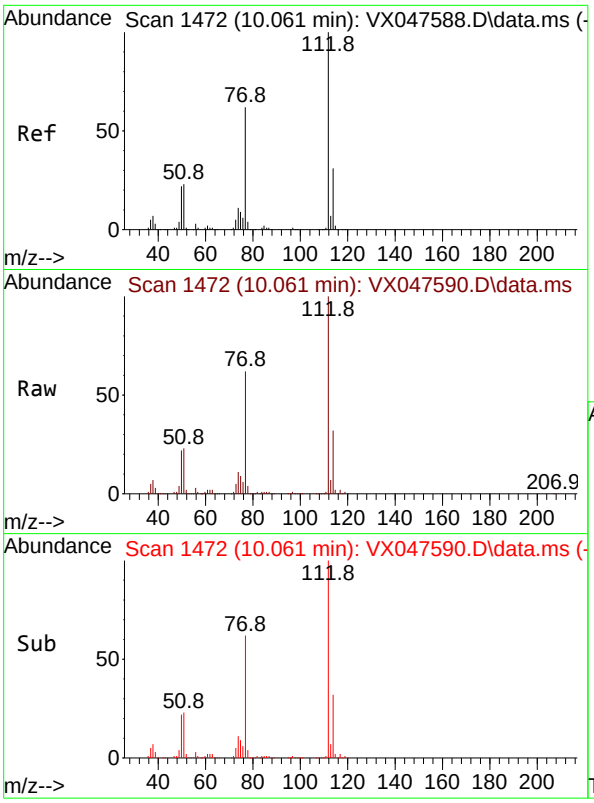


#64
Tetrachloroethene
Concen: 144.590 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

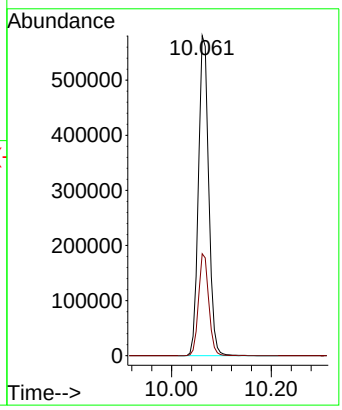




#65
Chlorobenzene
Concen: 150.763 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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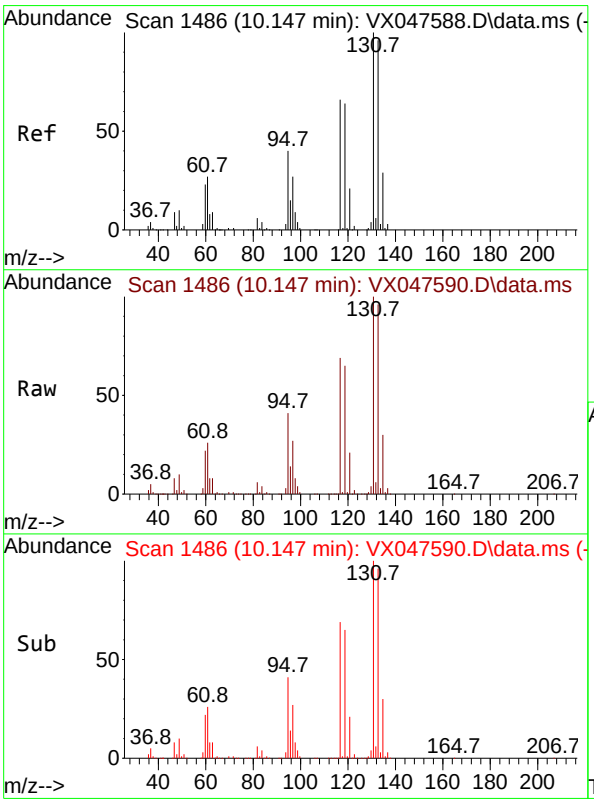
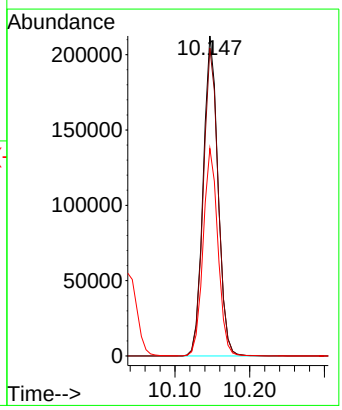
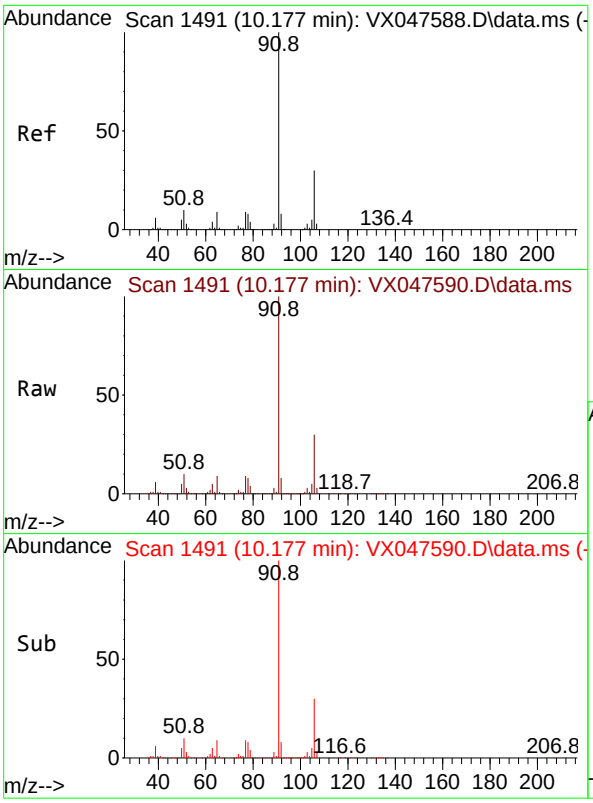


#66
1,1,1,2-Tetrachloroethane
Concen: 153.733 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

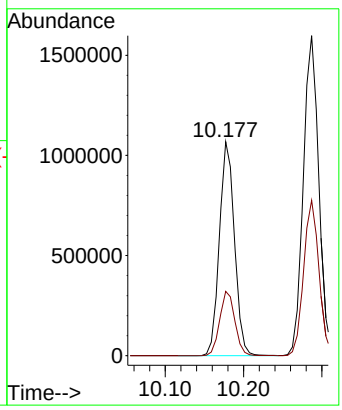




#67
Ethyl Benzene
Concen: 151.026 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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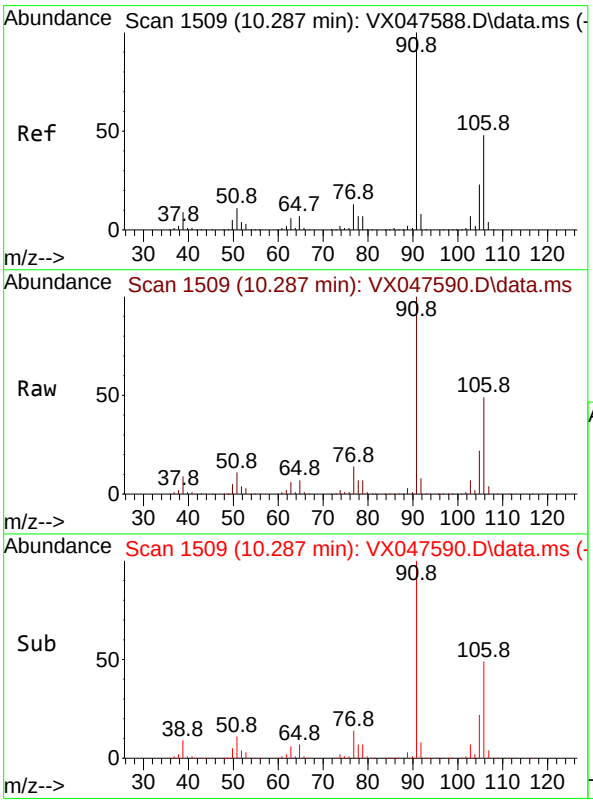
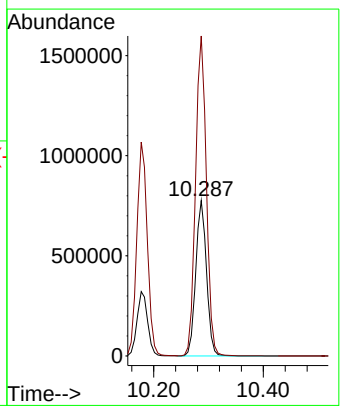
Supervised By :Mahesh Dadoda 09/18/2025

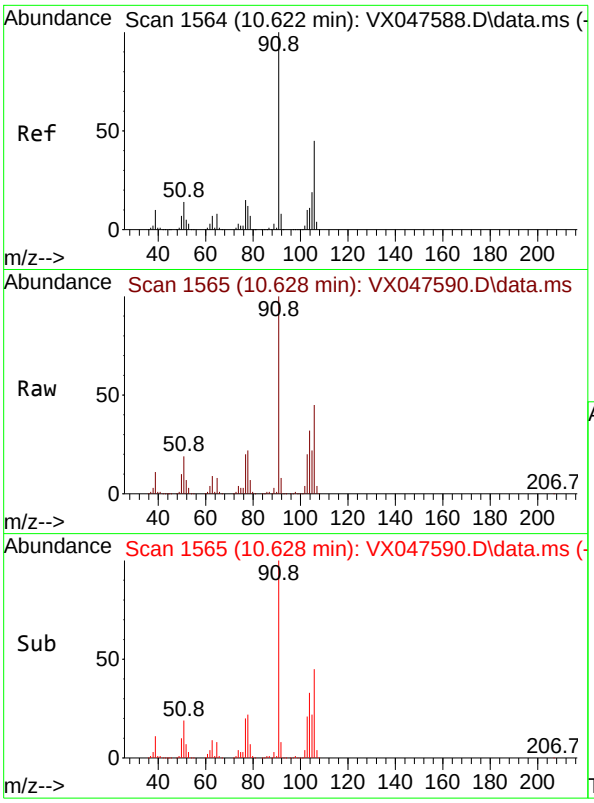


#68
m/p-Xylenes
Concen: 300.381 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:106 Resp: 1059776

Ion	Ratio	Lower	Upper
106	100		
91	208.0	167.8	251.8

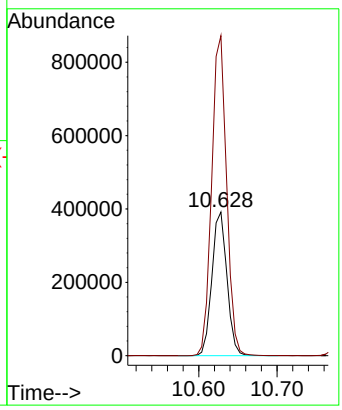




#69
o-Xylene
Concen: 152.920 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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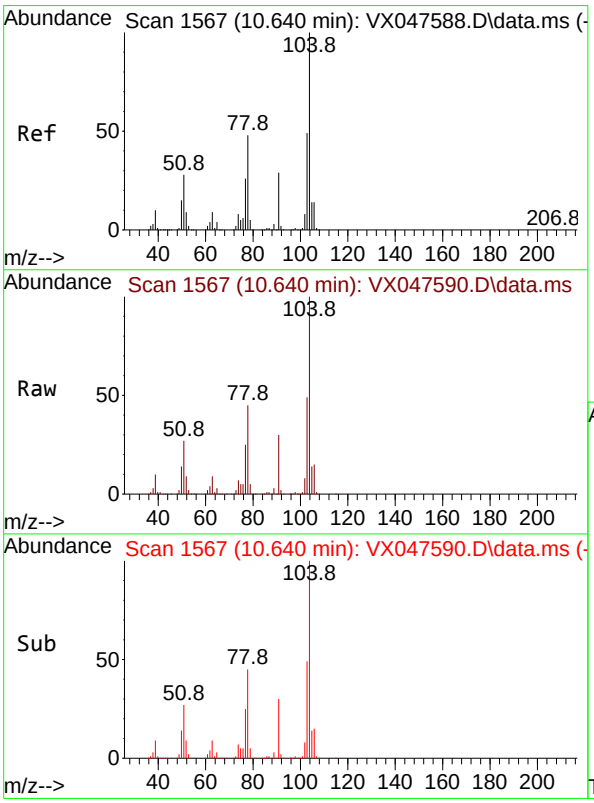
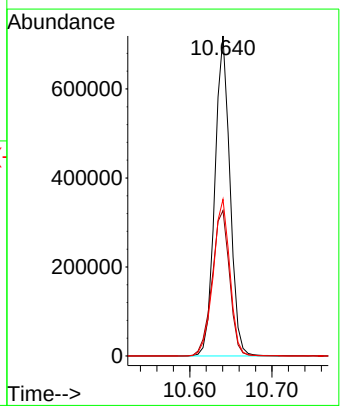
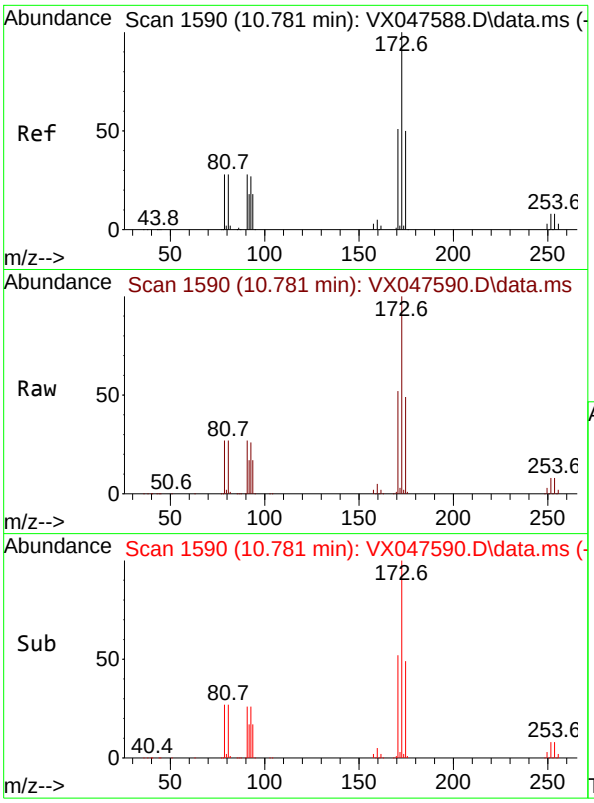


#70
Styrene
Concen: 153.449 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

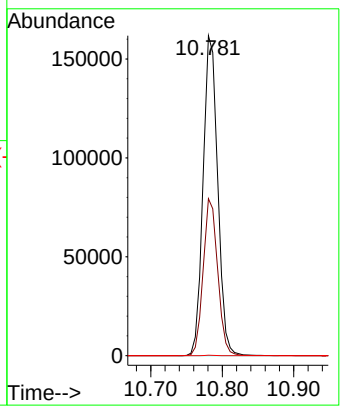




#71
Bromoform
Concen: 162.262 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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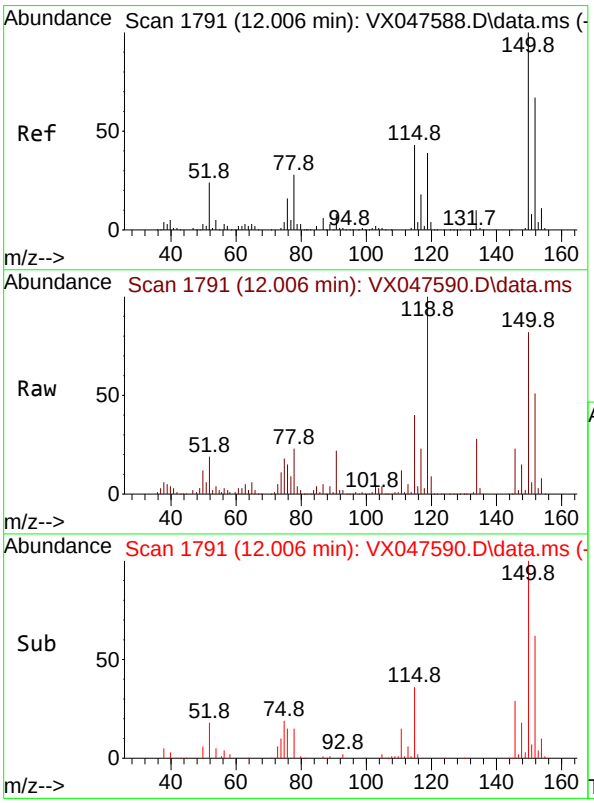
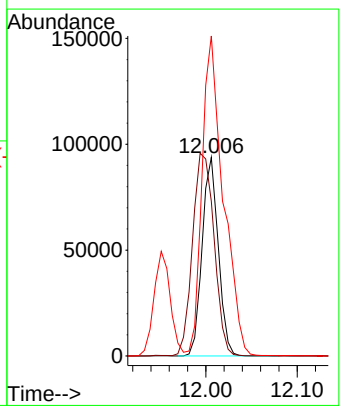
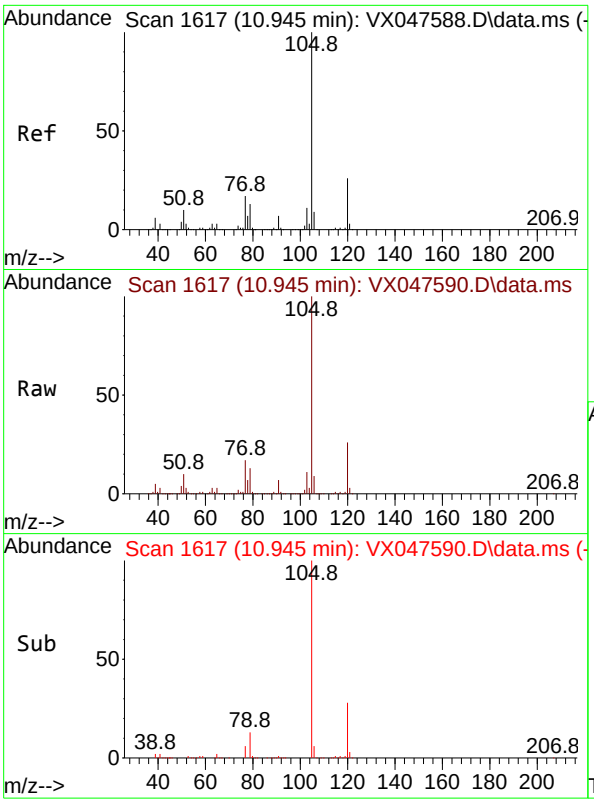


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

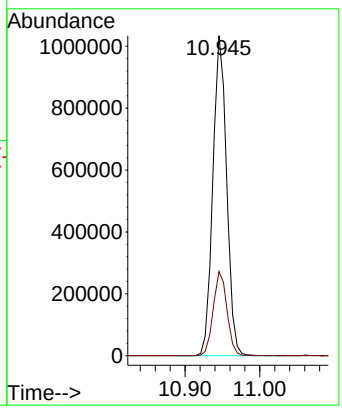




#73
Isopropylbenzene
Concen: 151.477 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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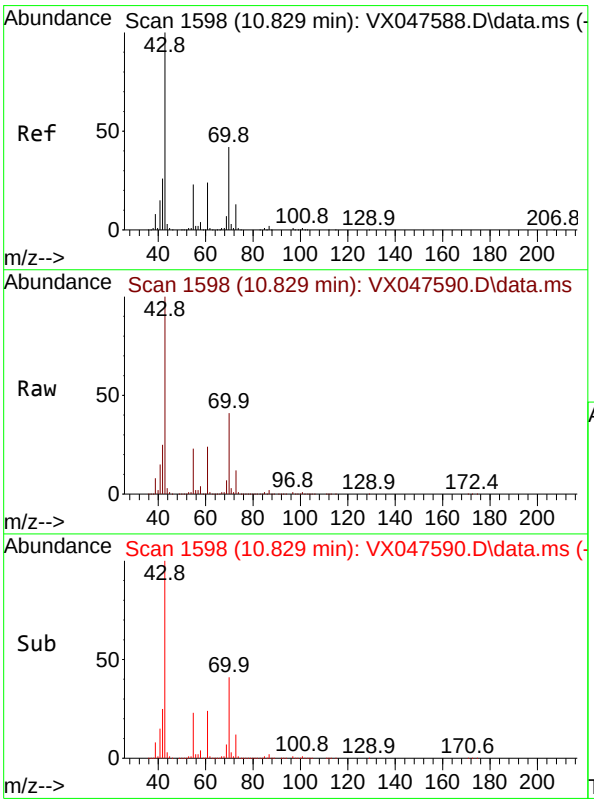
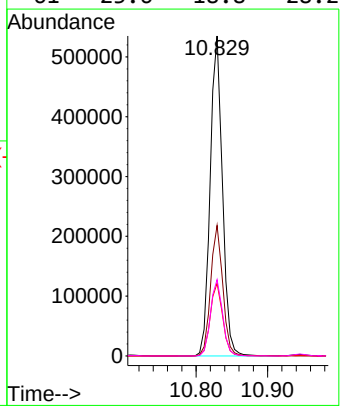
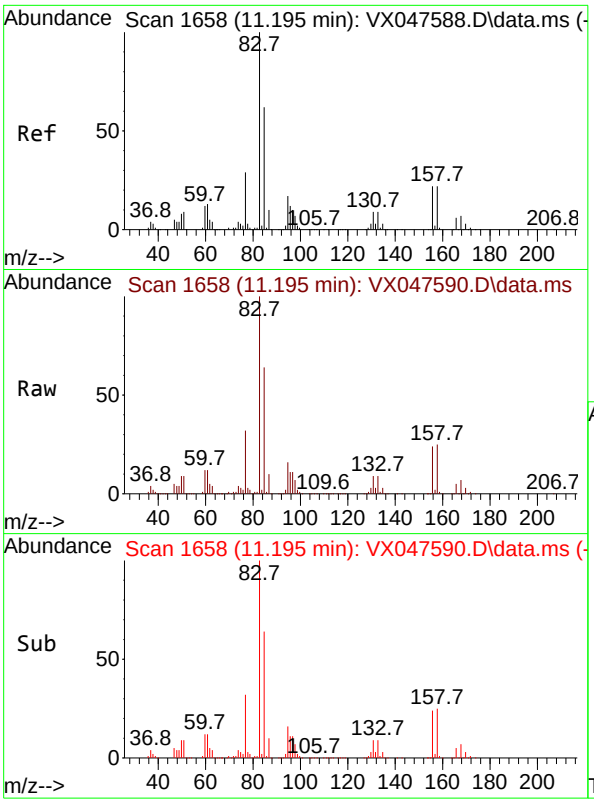


#74
N-amyl acetate
Concen: 160.099 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

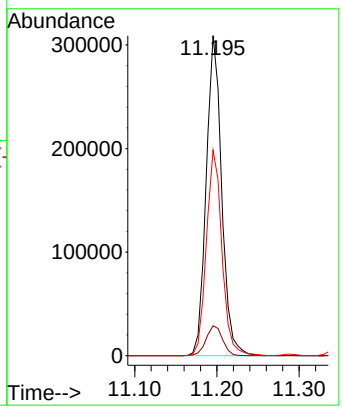




#75
1,1,2,2-Tetrachloroethane
Concen: 153.035 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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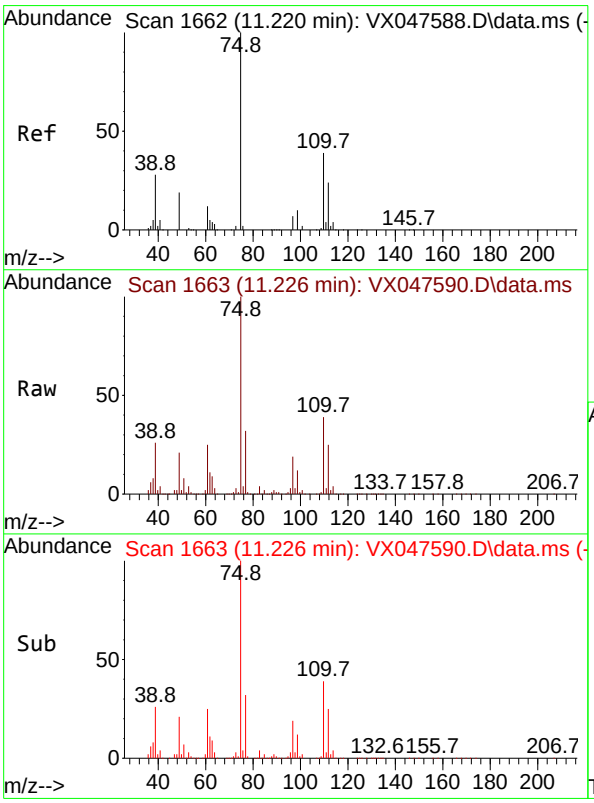
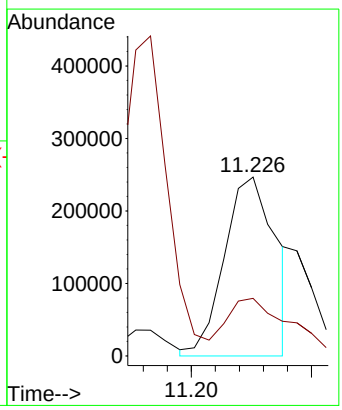
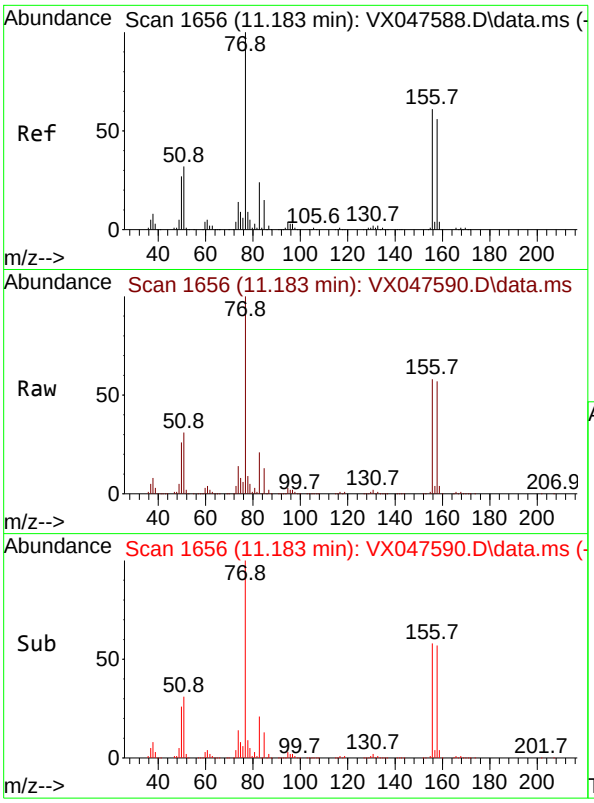


#76
1,2,3-Trichloropropane
Concen: 153.692 ug/l m
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 366171

Ion	Ratio	Lower	Upper
75	100		
77	39.7	18.8	56.4

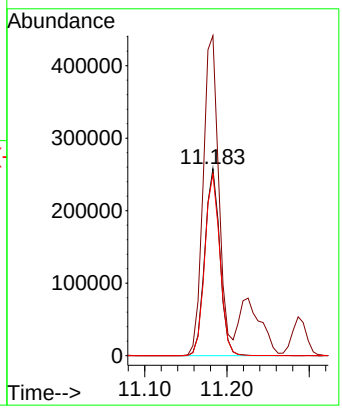




#77
Bromobenzene
Concen: 152.818 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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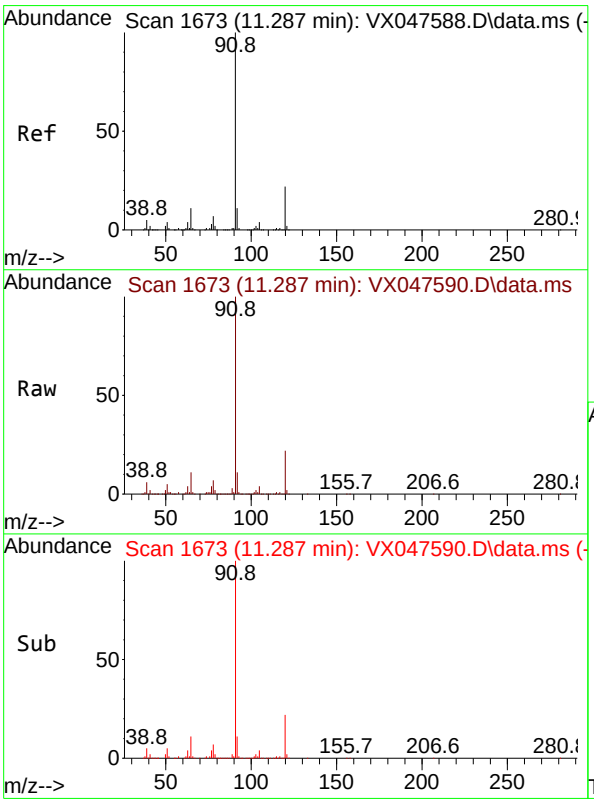
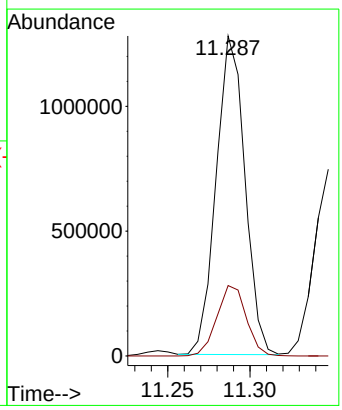
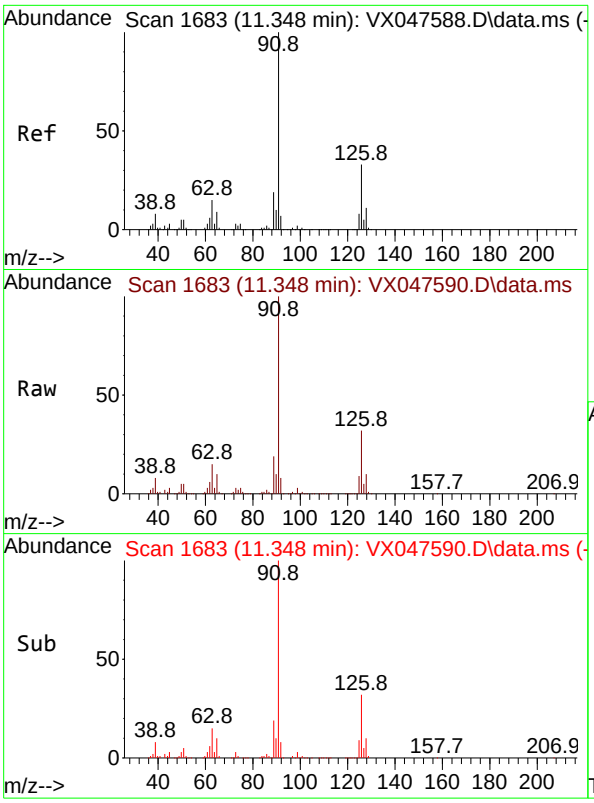


#78
n-propylbenzene
Concen: 150.337 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1550316

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1

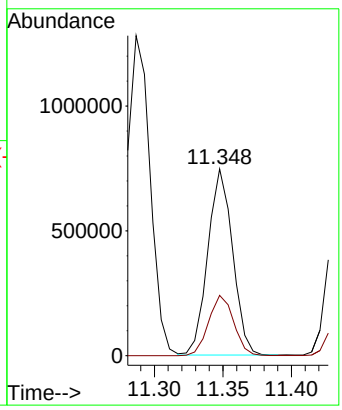




#79
2-Chlorotoluene
Concen: 148.781 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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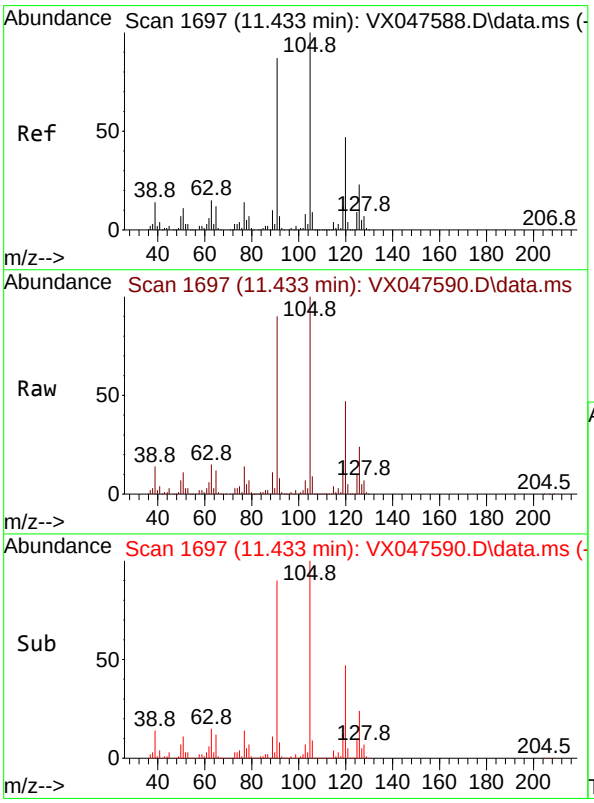
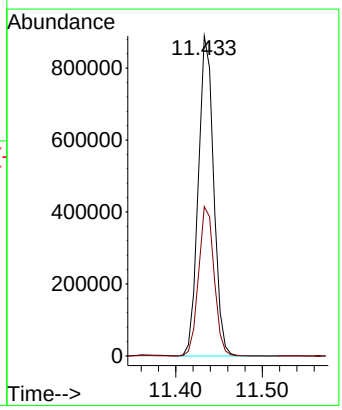
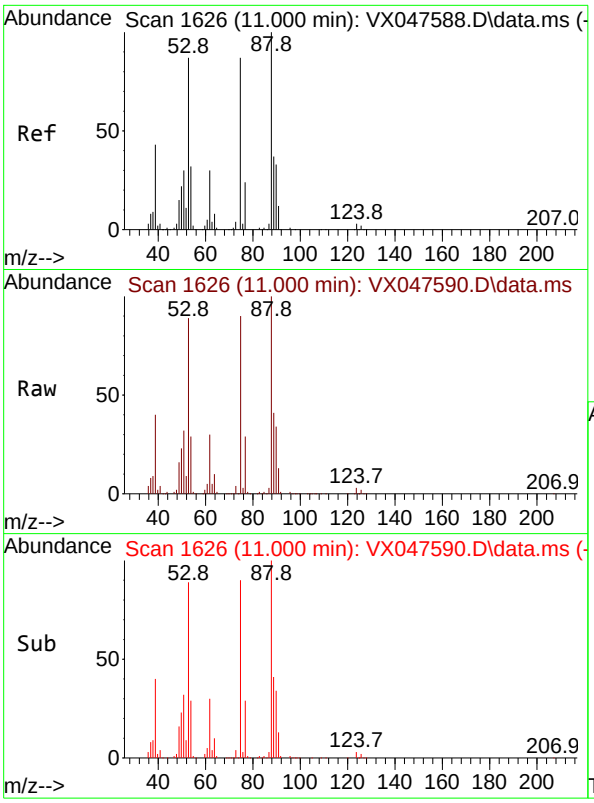


#80
1,3,5-Trimethylbenzene
Concen: 152.306 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

Manual Integrations
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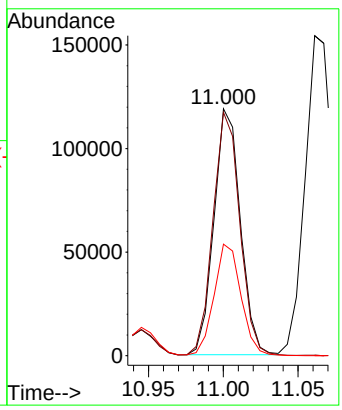
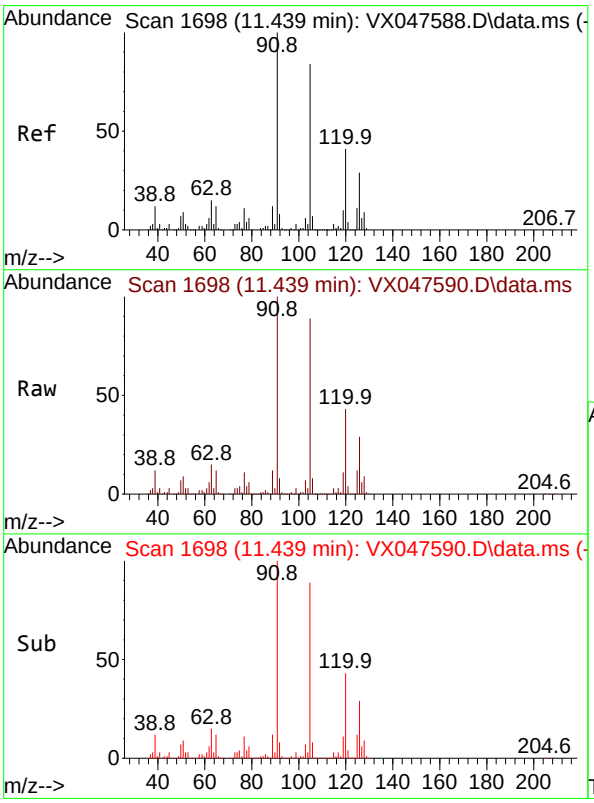
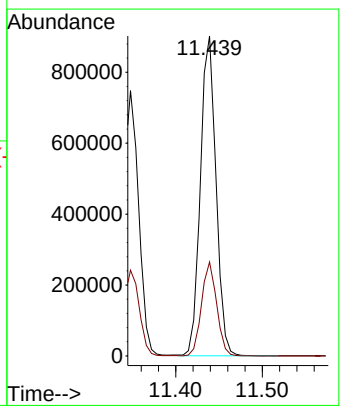


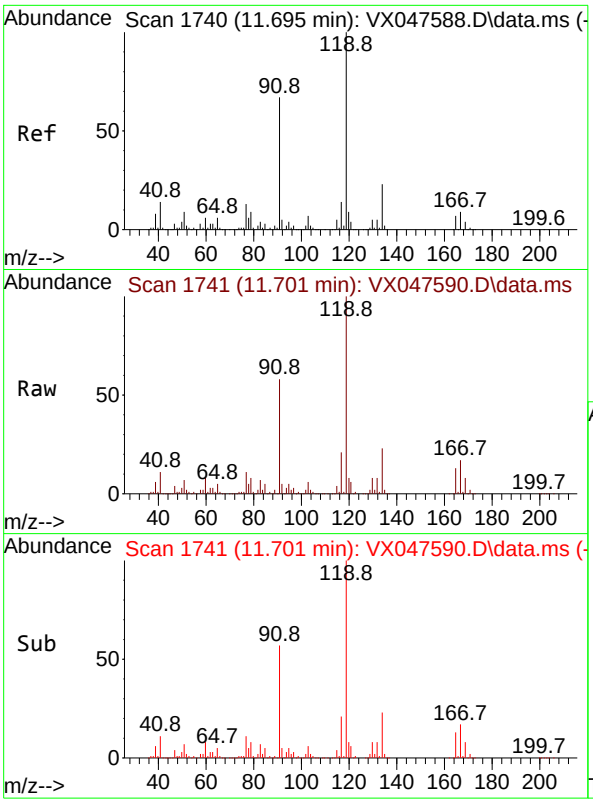


#82
4-Chlorotoluene
Concen: 151.112 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1127233

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6

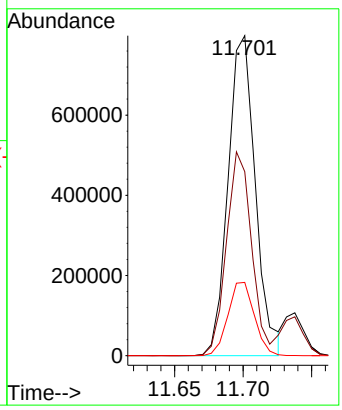




#83
tert-Butylbenzene
Concen: 150.819 ug/l
RT: 11.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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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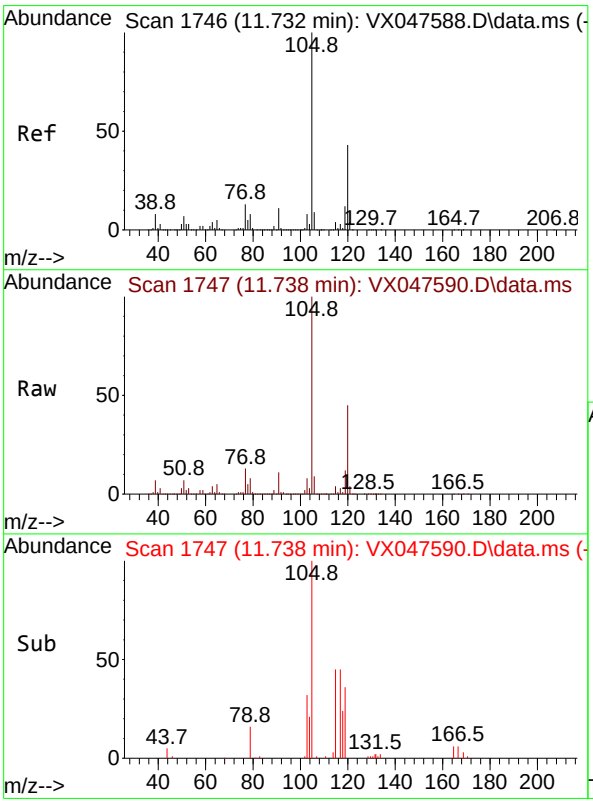
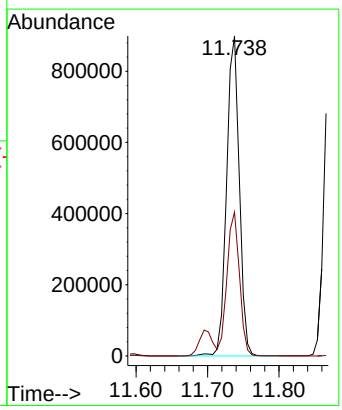
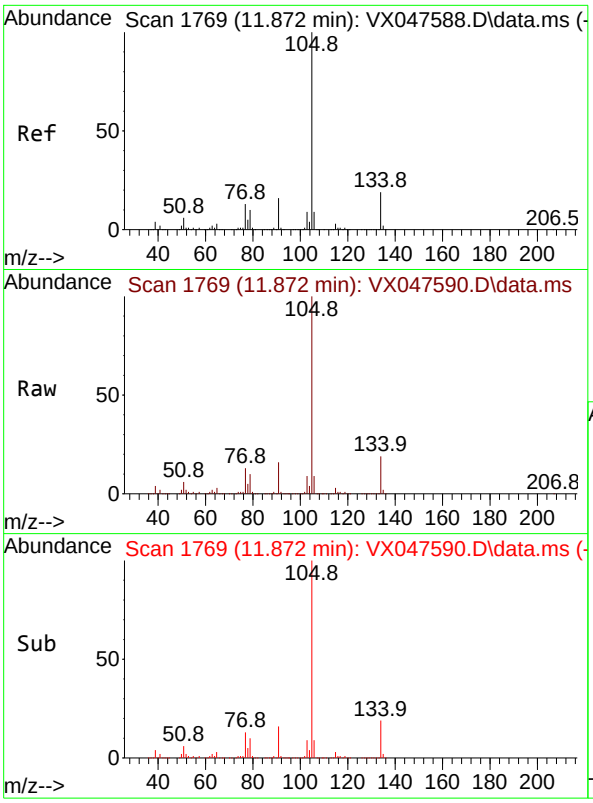


#84
1,2,4-Trimethylbenzene
Concen: 152.336 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1106914

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1

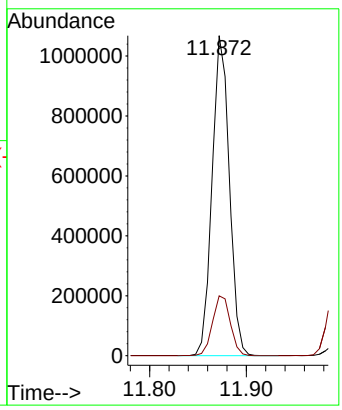




#85
sec-Butylbenzene
Concen: 151.448 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 131981

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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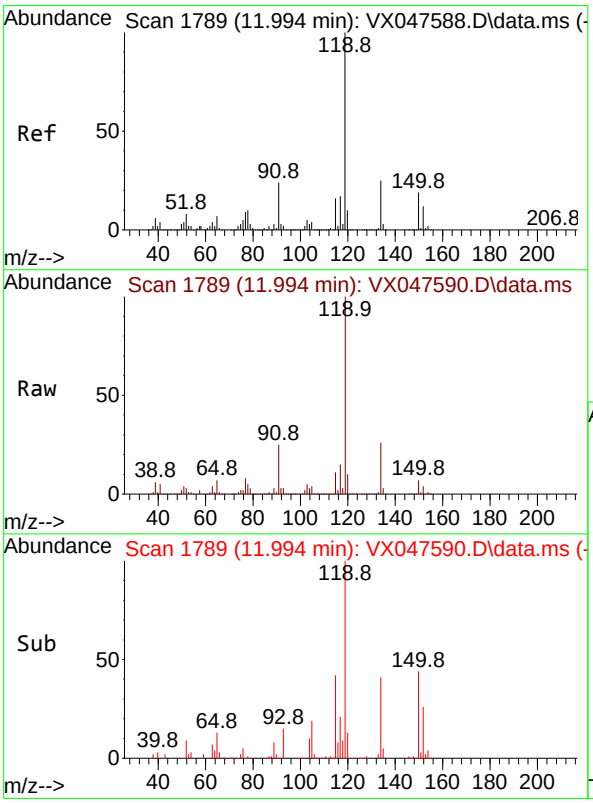
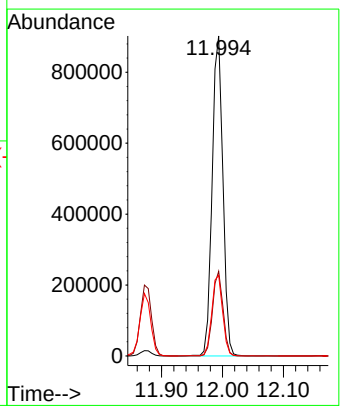
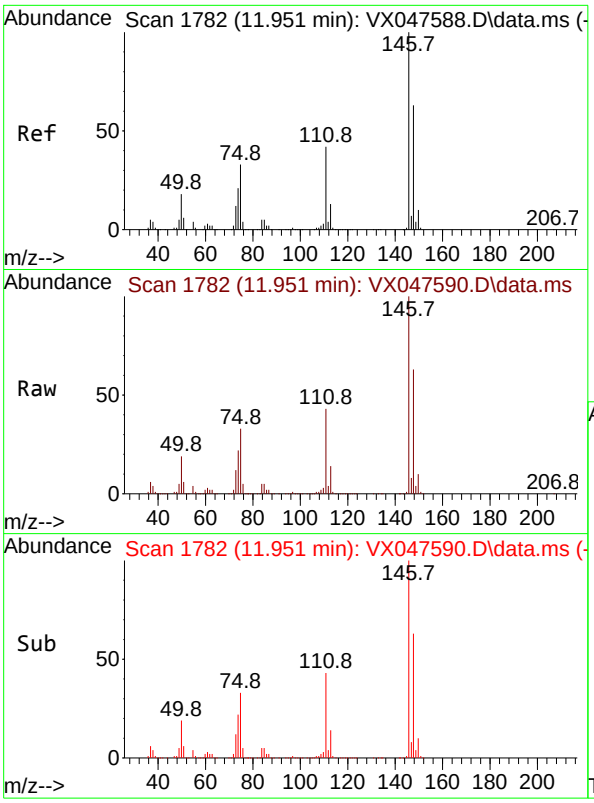


#86
p-Isopropyltoluene
Concen: 149.530 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

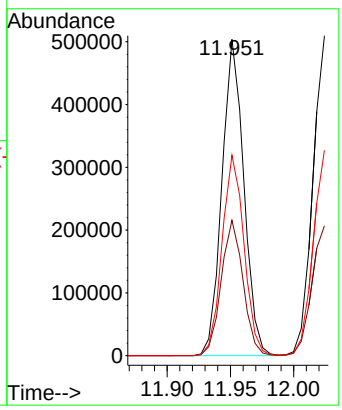




#87
1,3-Dichlorobenzene
Concen: 151.633 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 60512

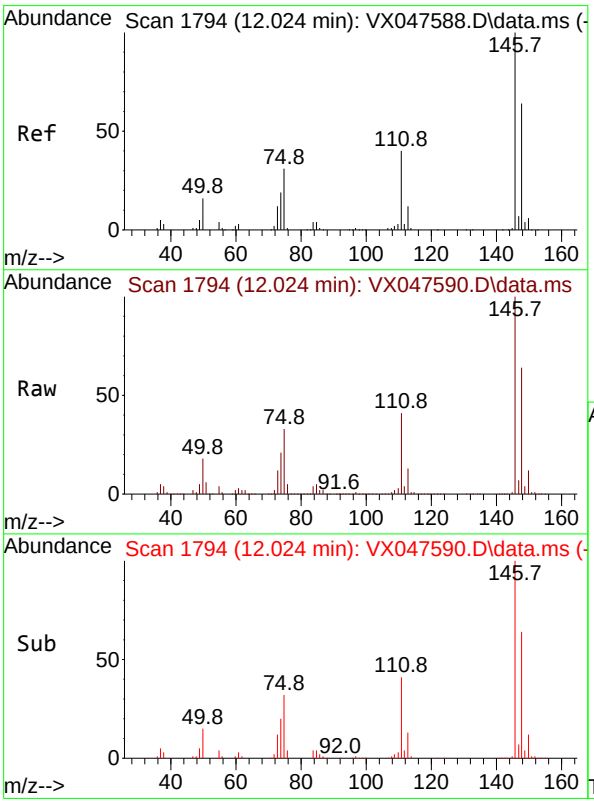
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.8	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

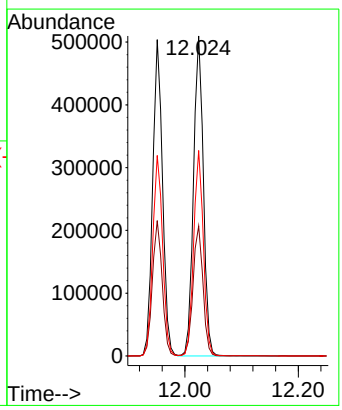
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

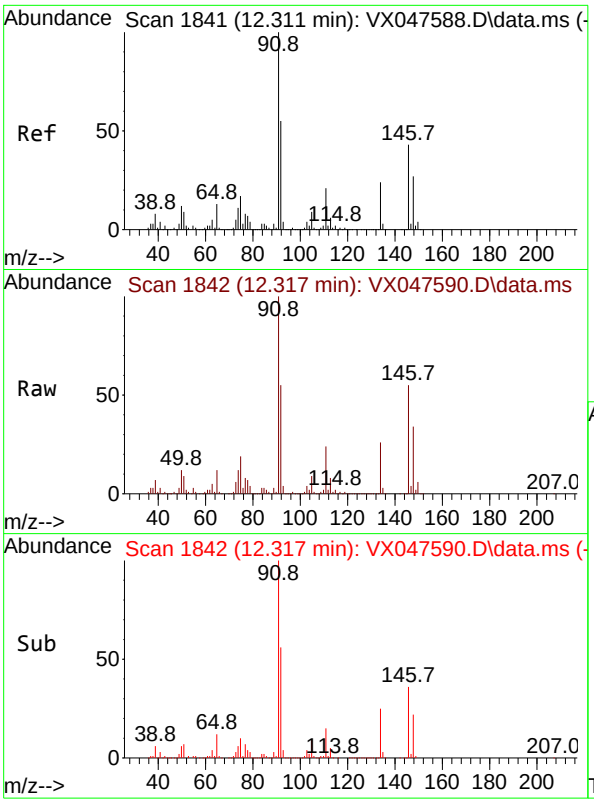


#88
1,4-Dichlorobenzene
Concen: 149.814 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

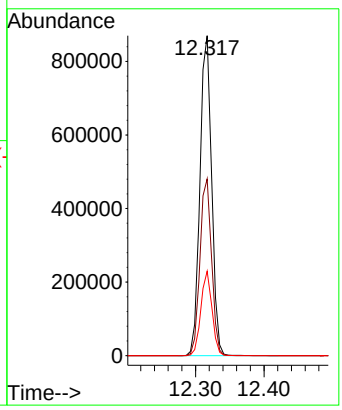




#89
n-Butylbenzene
Concen: 151.222 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 103235

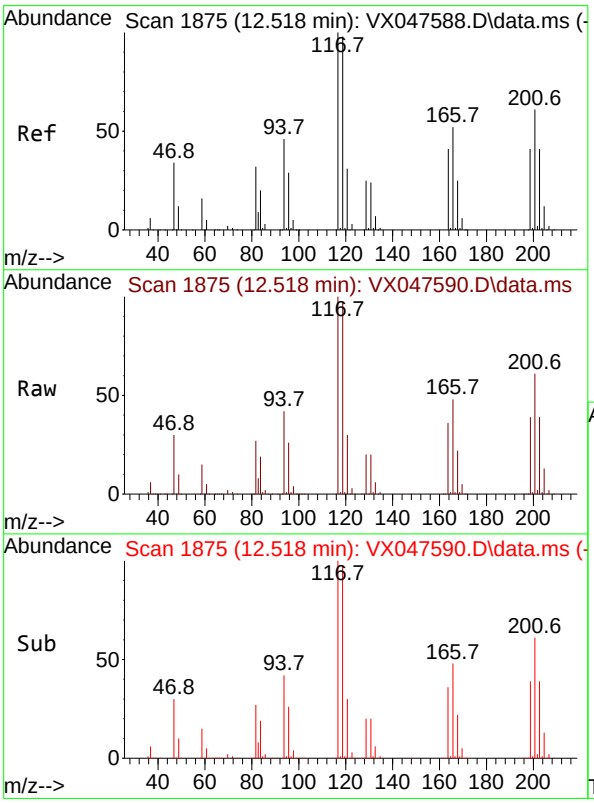
Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.2	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

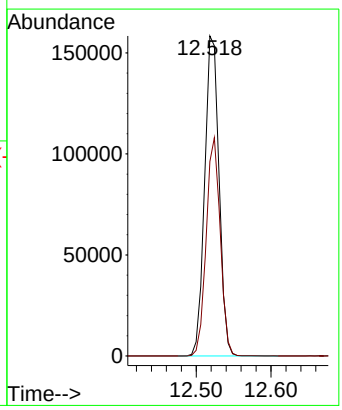
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

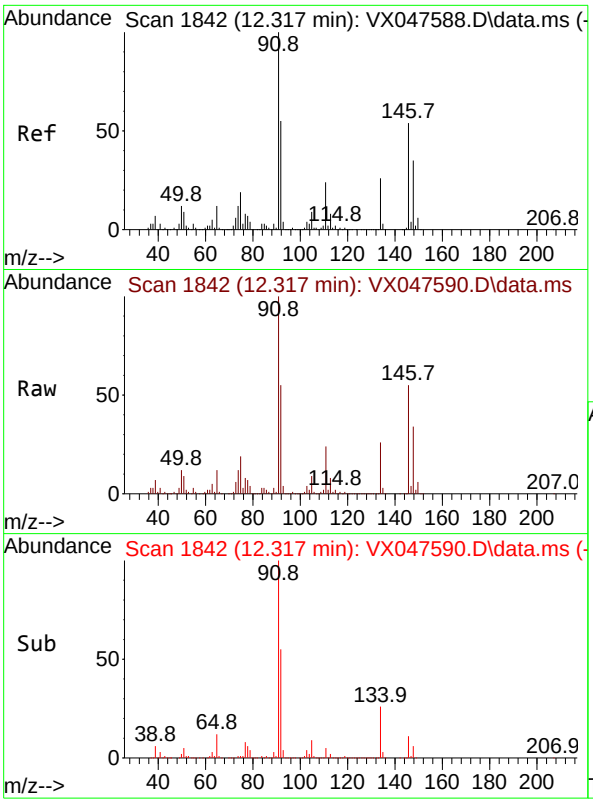


#90
Hexachloroethane
Concen: 163.258 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 211472

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

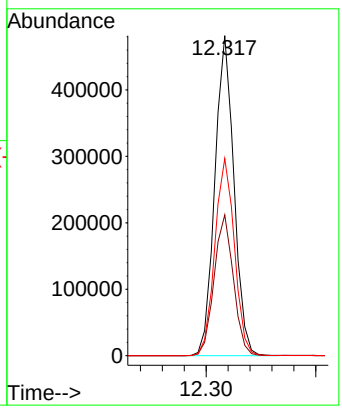




#91
1,2-Dichlorobenzene
Concen: 153.227 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:146 Resp: 58256

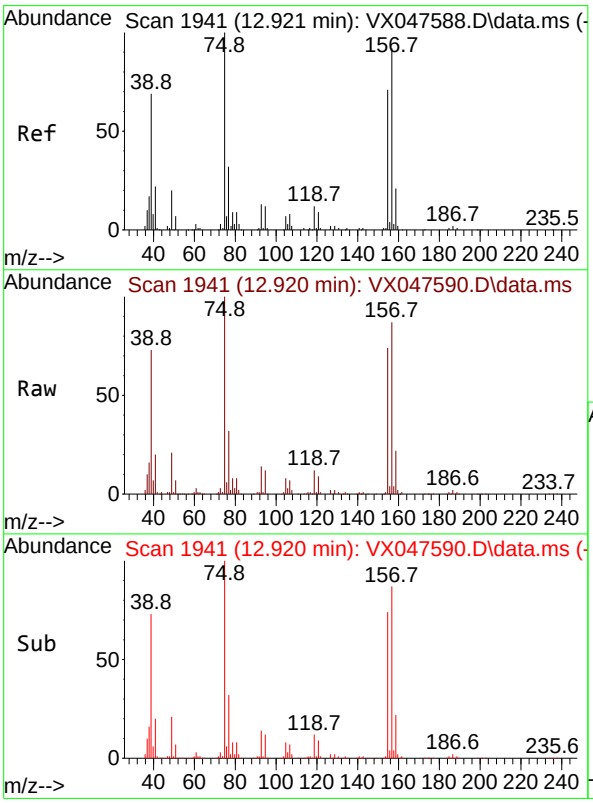
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.2	66.6
148	63.5	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

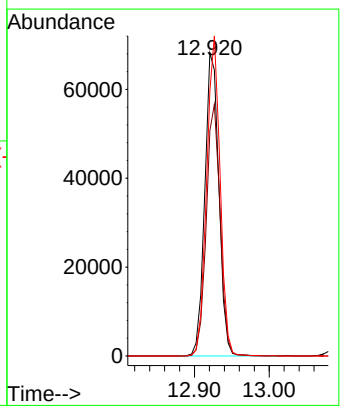
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

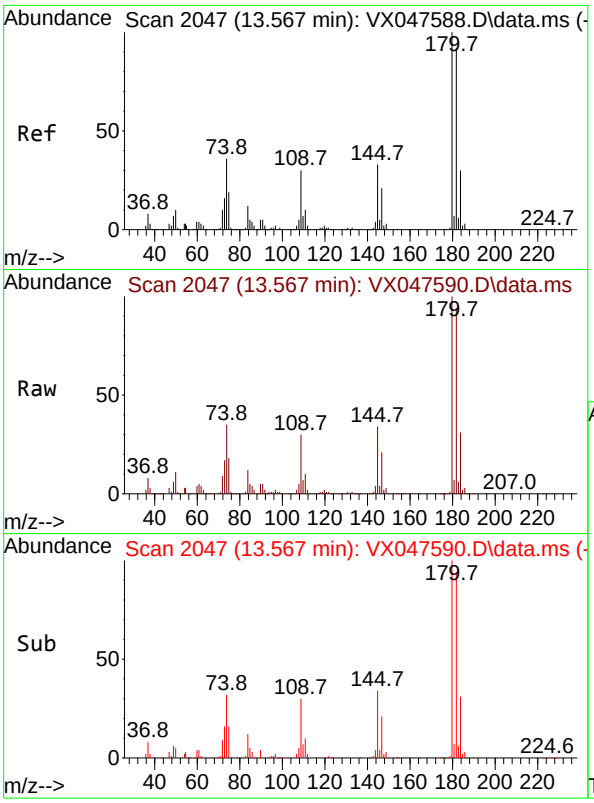


#92
1,2-Dibromo-3-Chloropropane
Concen: 167.332 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

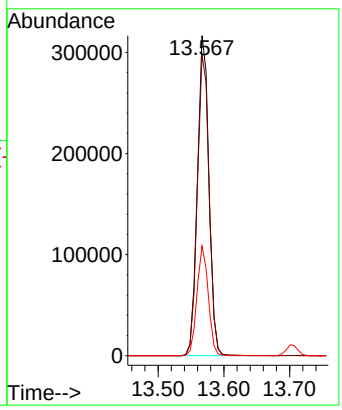




#93
1,2,4-Trichlorobenzene
Concen: 156.884 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:180 Resp: 38765

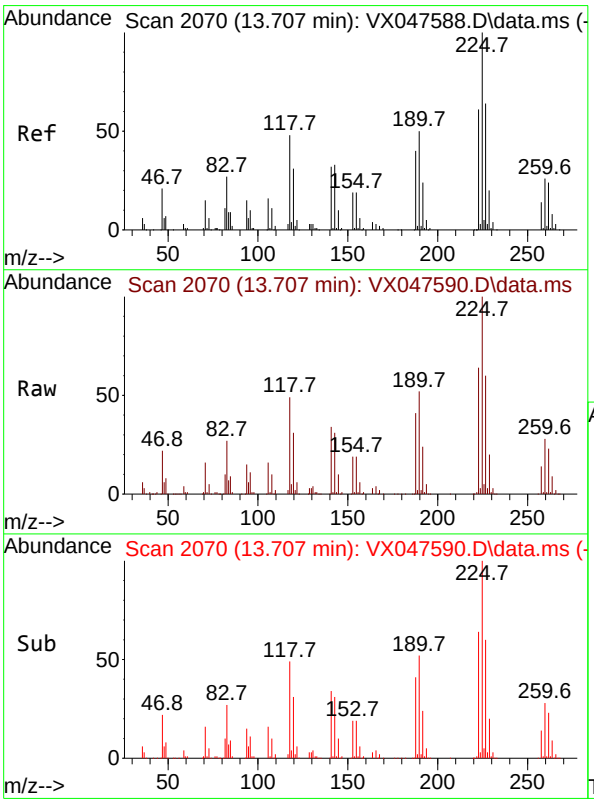
Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.6	139.8
145	33.5	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

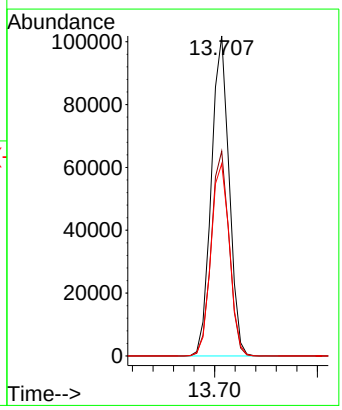
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

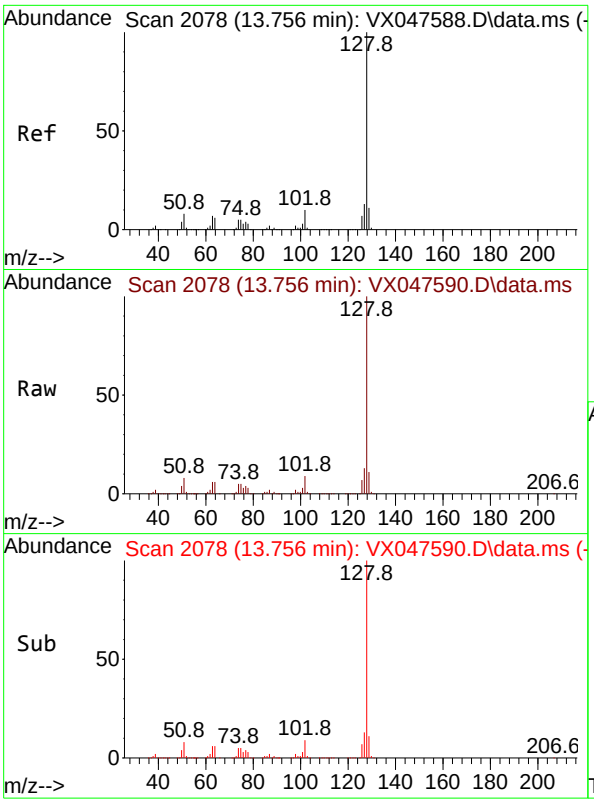


#94
Hexachlorobutadiene
Concen: 145.110 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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

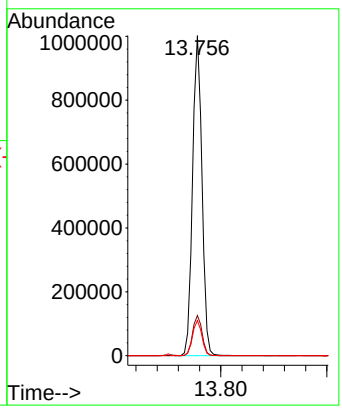




#95
Naphthalene
Concen: 163.388 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:128 Resp: 122936

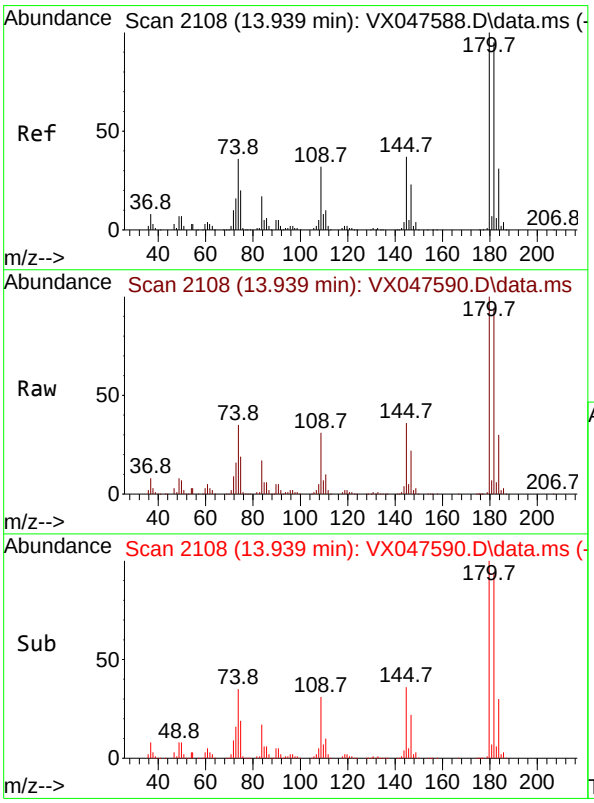
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

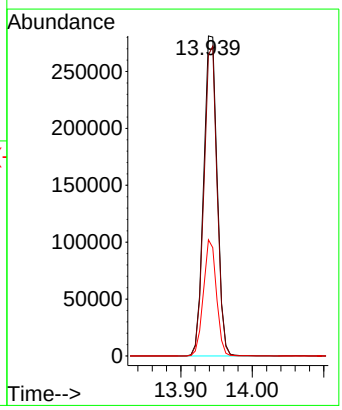
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#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



Quantitation Report (QT Reviewed)

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)
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

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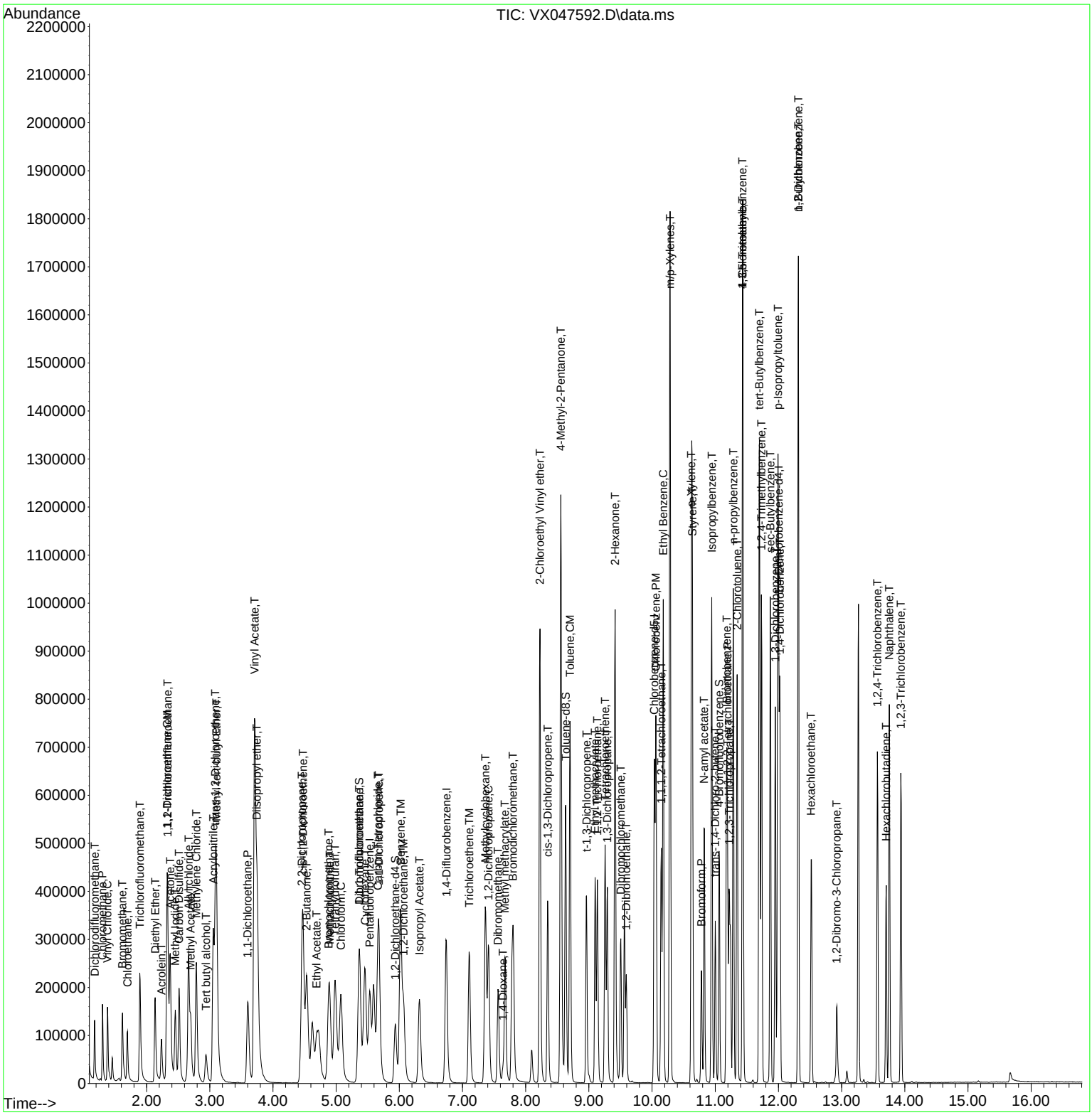
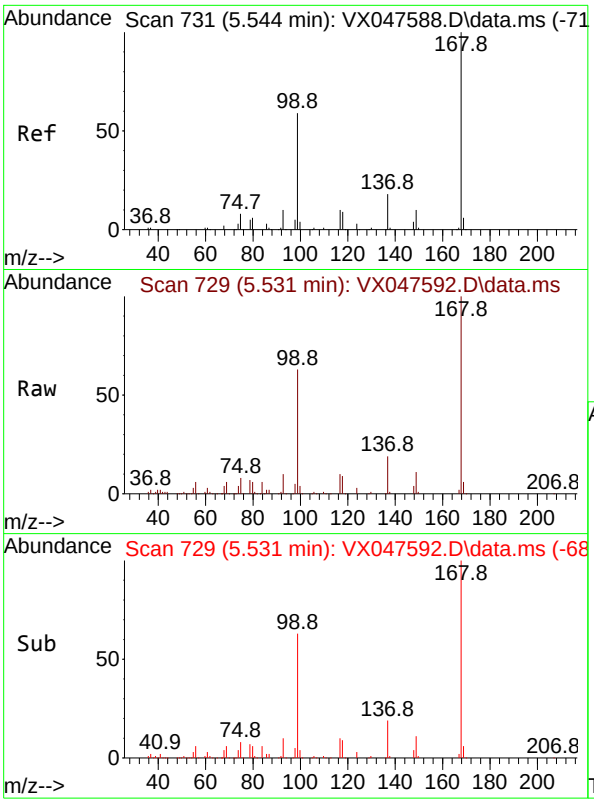
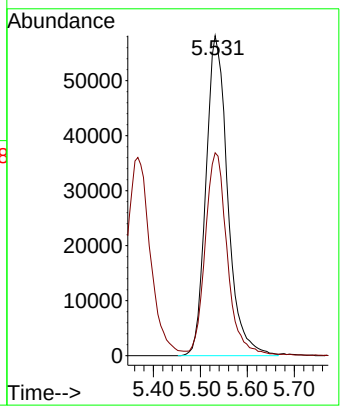




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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
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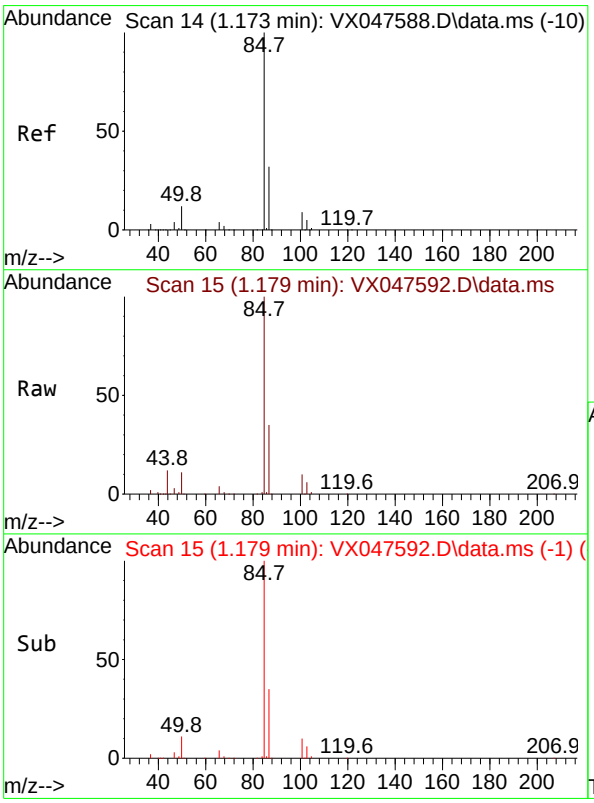
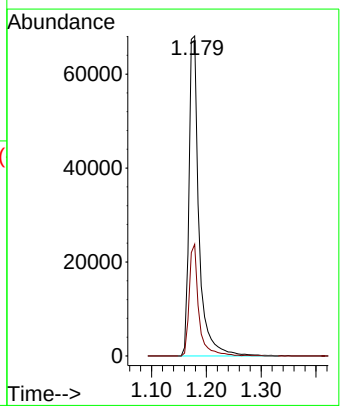
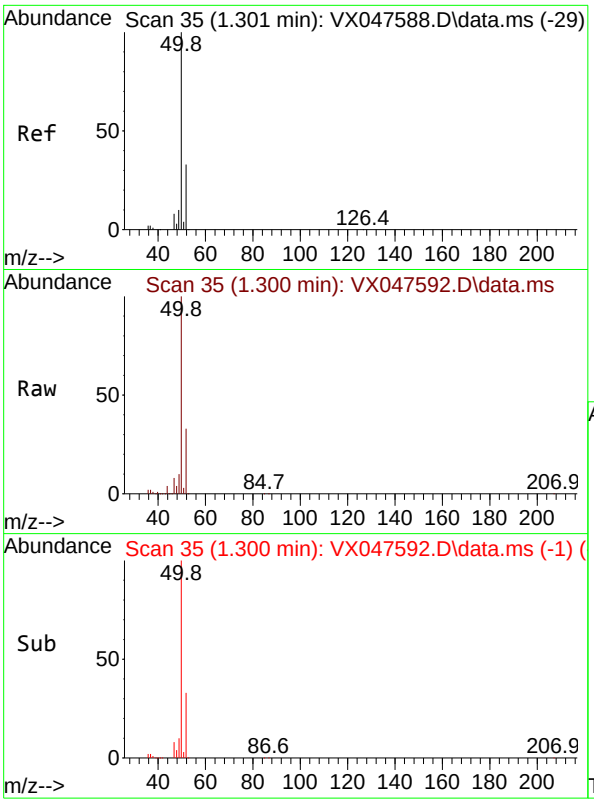


#2
Dichlorodifluoromethane
Concen: 44.592 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 85 Resp: 86110

Ion	Ratio	Lower	Upper
85	100		
87	34.9	15.8	47.3

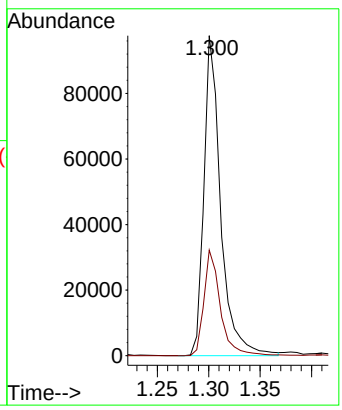




#3
Chloromethane
Concen: 43.710 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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
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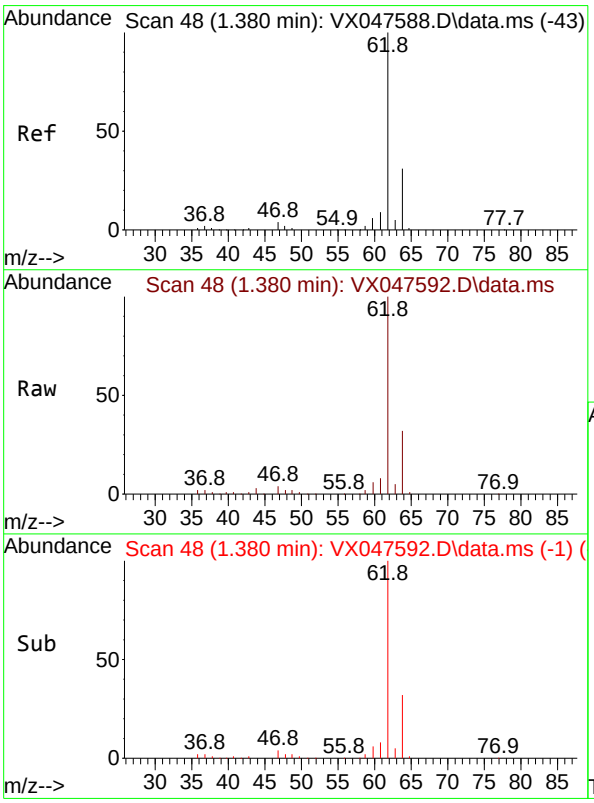
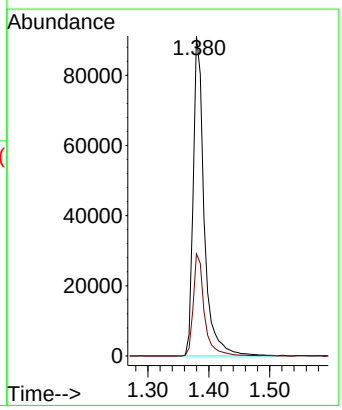
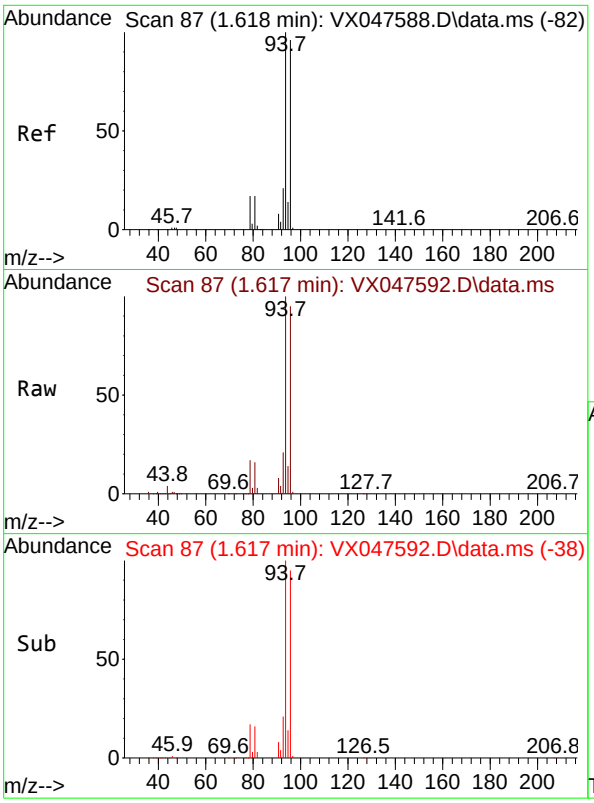


#4
Vinyl Chloride
Concen: 45.783 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 113742

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.9	37.3

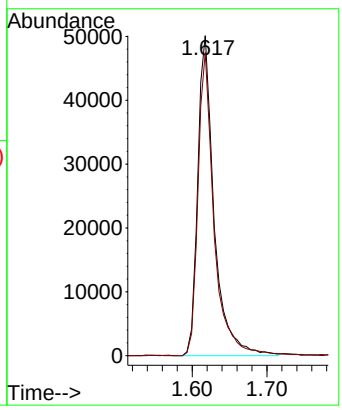




#5
Bromomethane
Concen: 48.489 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 94 Resp: 7638

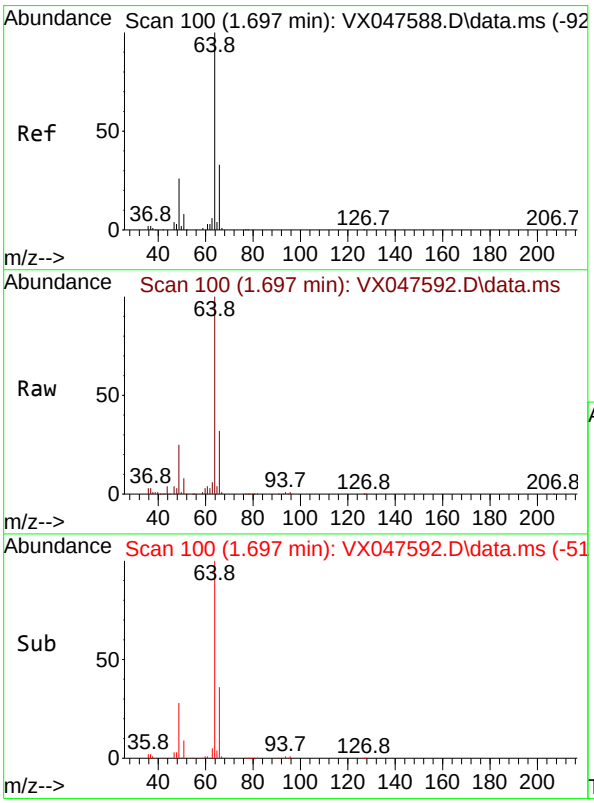
Ion	Ratio	Lower	Upper
94	100		
96	94.7	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

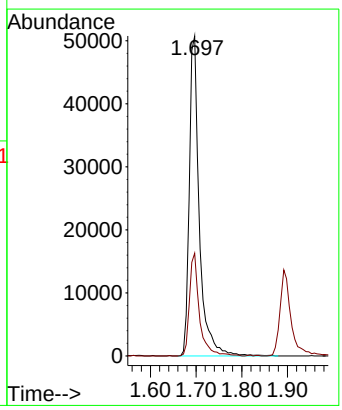
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

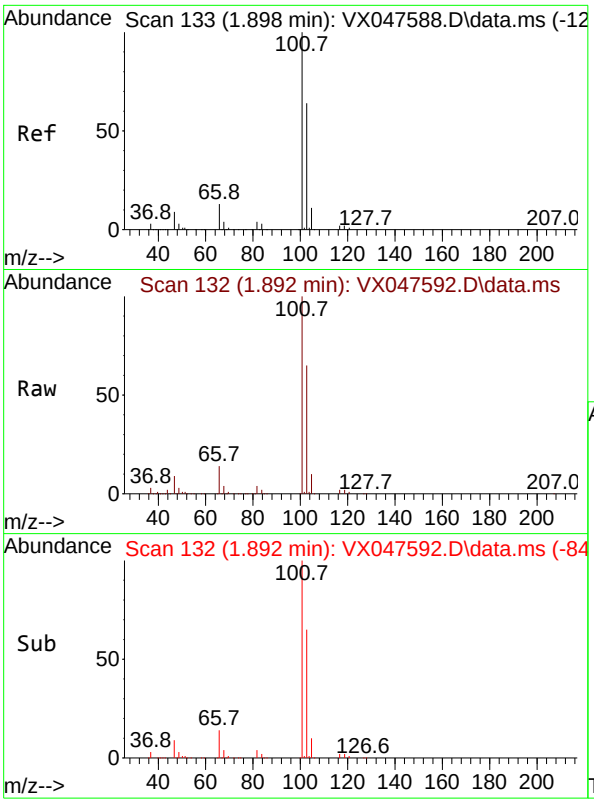


#6
Chloroethane
Concen: 46.575 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 64 Resp: 77337

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1

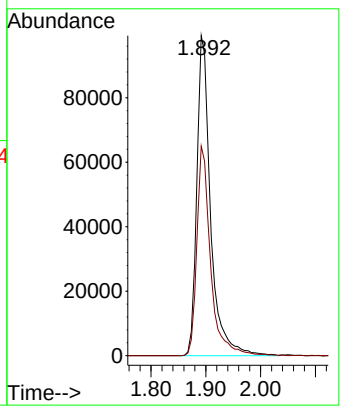




#7
Trichlorofluoromethane
Concen: 47.074 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:101 Resp: 17364

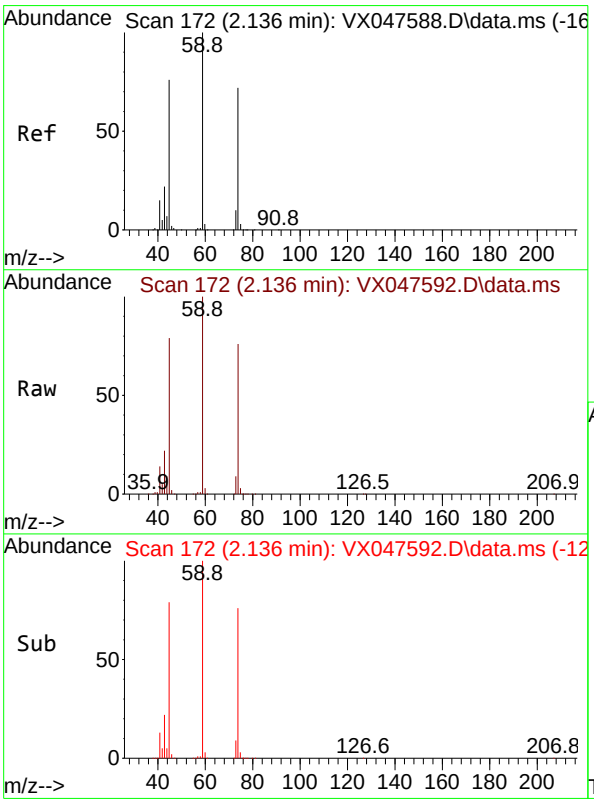
Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

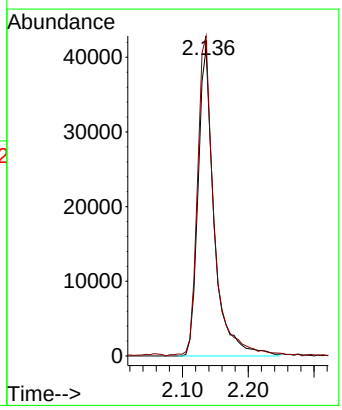
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

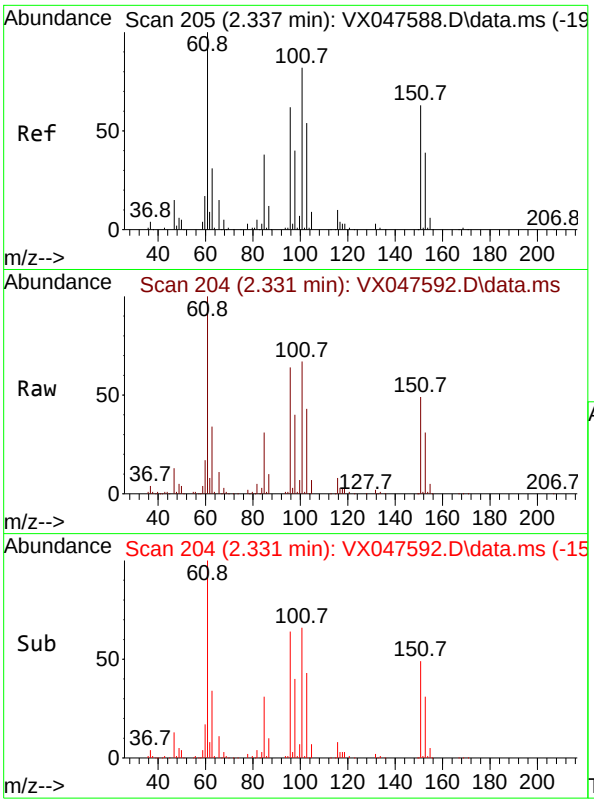


#8
Diethyl Ether
Concen: 46.693 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 74 Resp: 70459

Ion	Ratio	Lower	Upper
74	100		
45	107.1	52.3	156.8

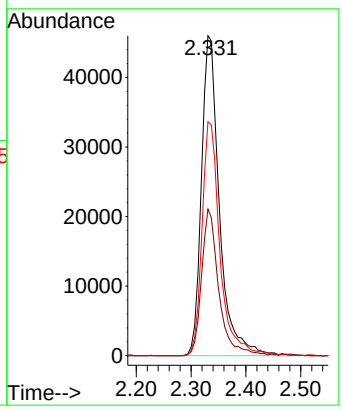




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.524 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:101 Resp: 10466

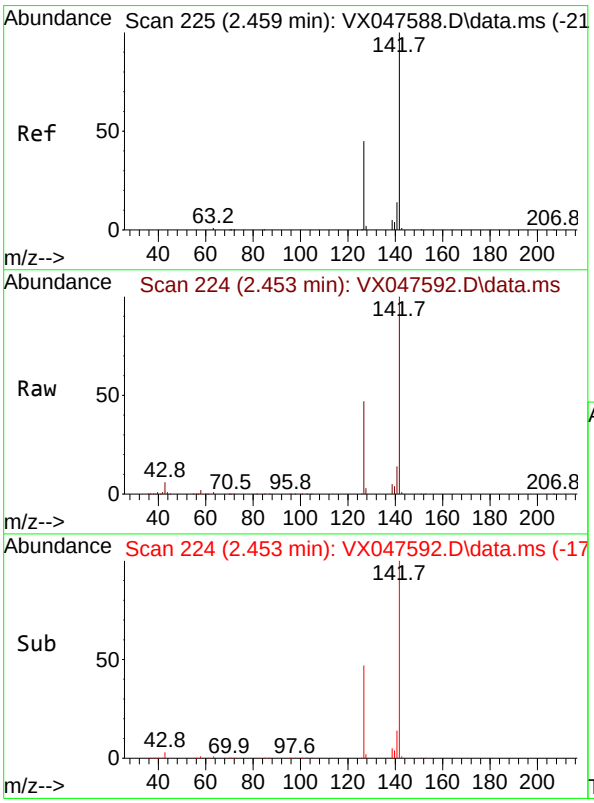
Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	73.3	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

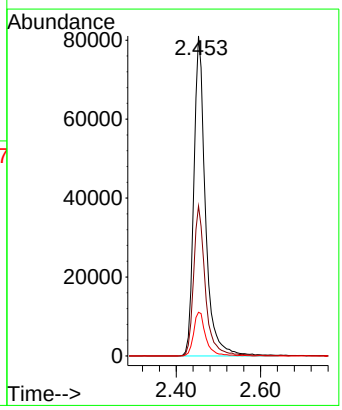
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

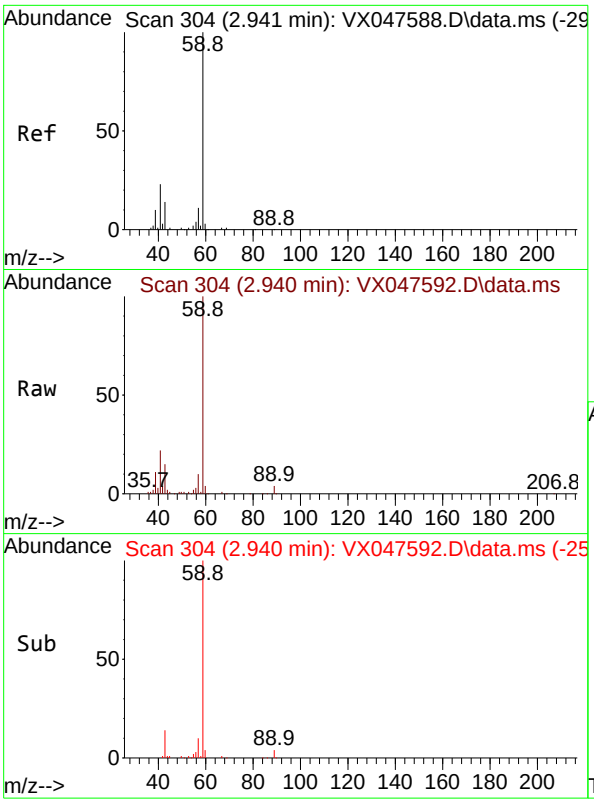


#10
Methyl Iodide
Concen: 46.210 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

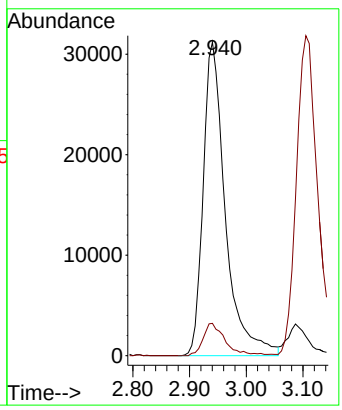




#11
Tert butyl alcohol
Concen: 256.271 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 59 Resp: 8472

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/17/2025
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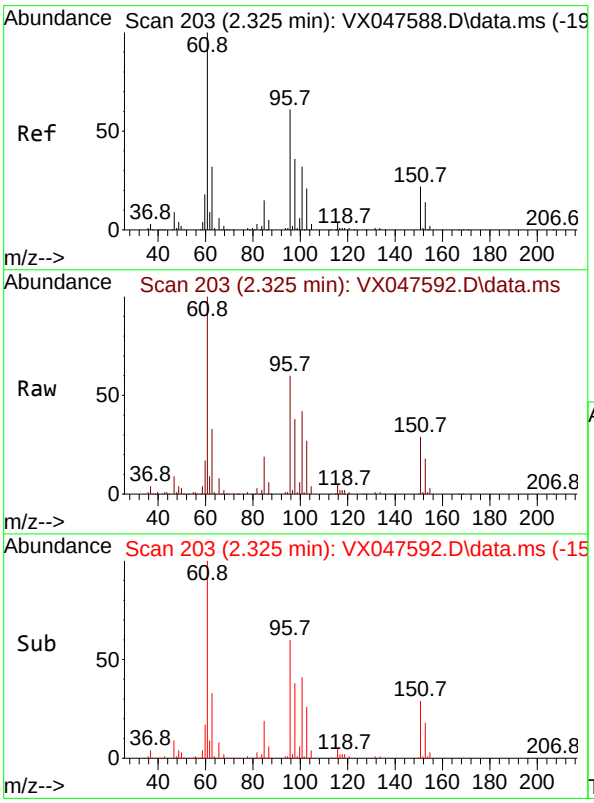
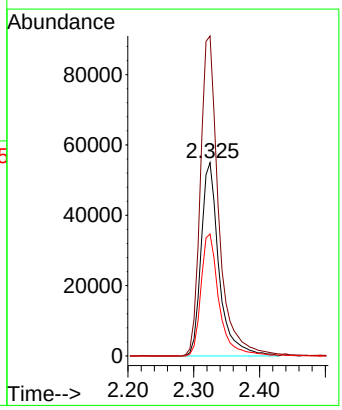
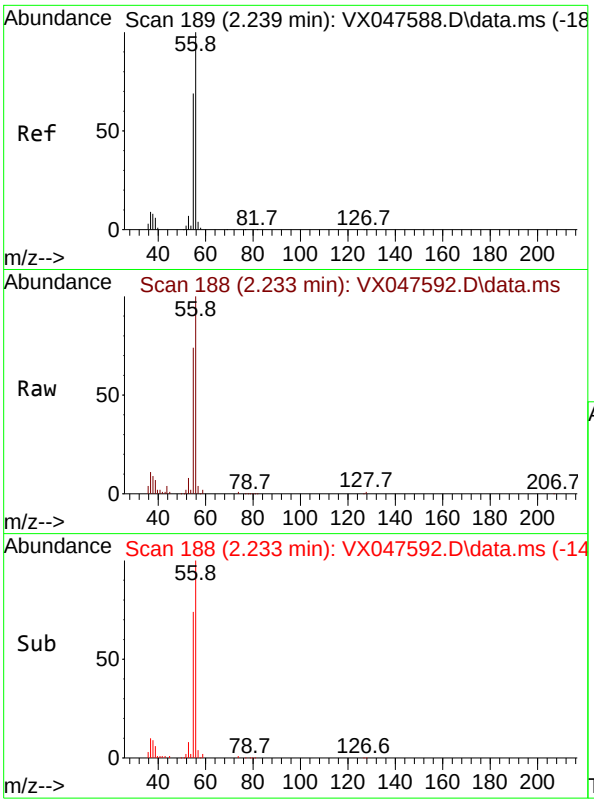


#12
1,1-Dichloroethene
Concen: 47.076 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

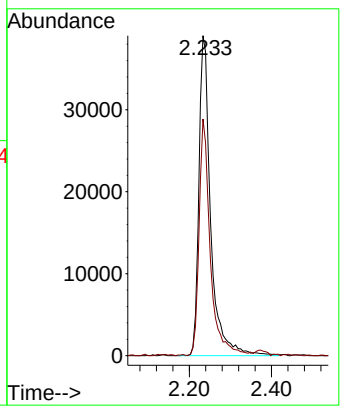




#13
Acrolein
Concen: 254.867 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 56 Resp: 7764

Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations
APPROVED

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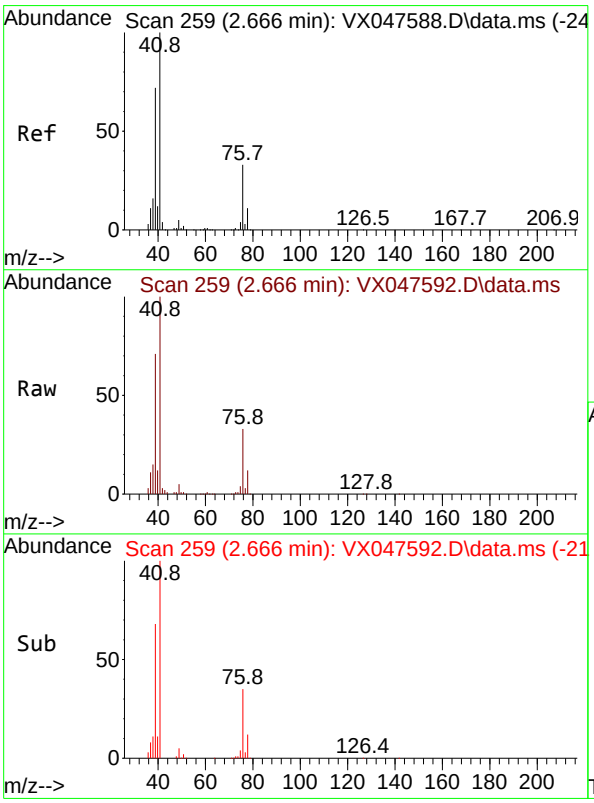
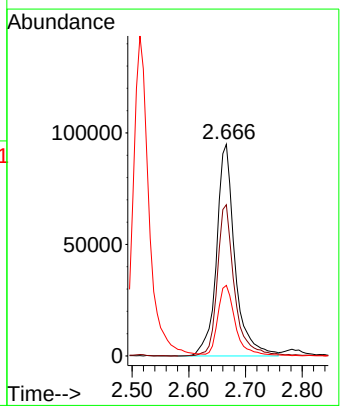
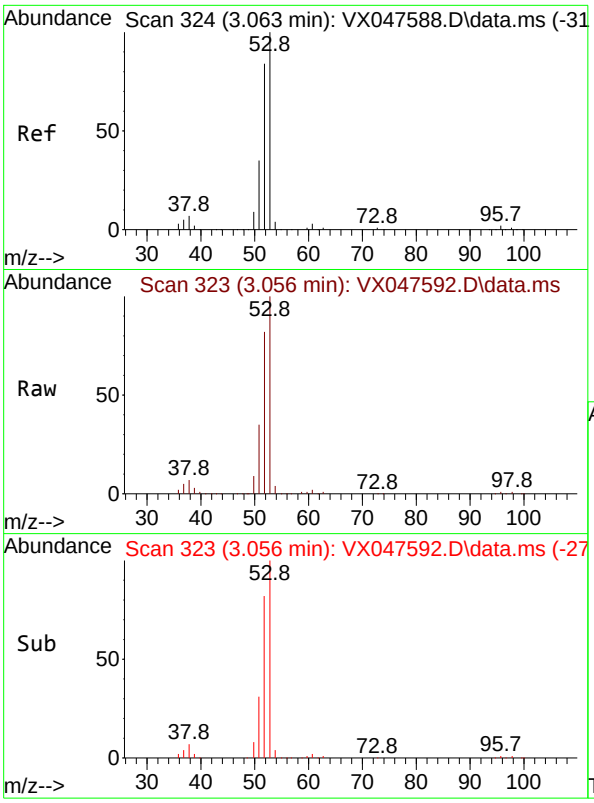


#14
Allyl chloride
Concen: 46.742 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

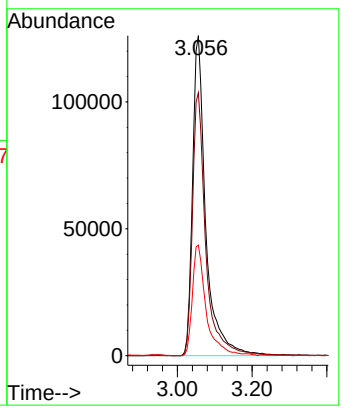




#15
Acrylonitrile
Concen: 253.567 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

Manual Integrations APPROVED

Reviewed By :John Carlone 09/17/2025
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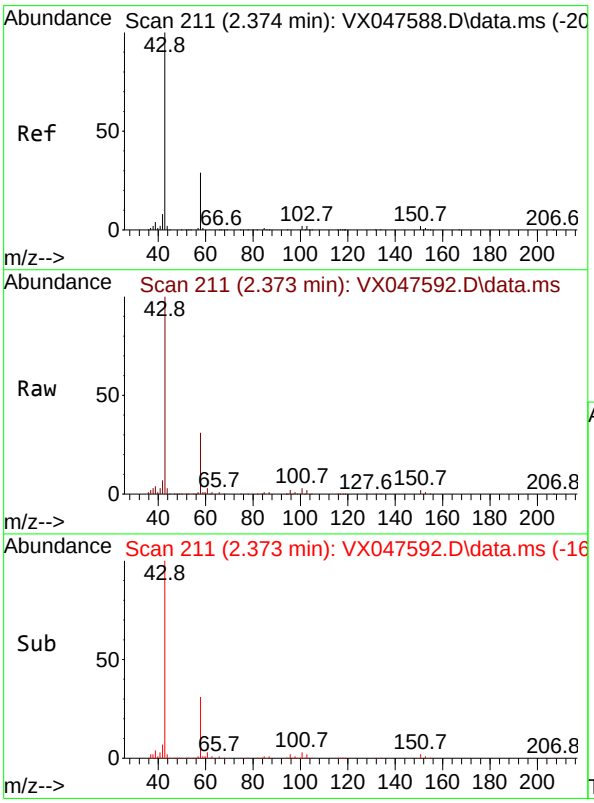
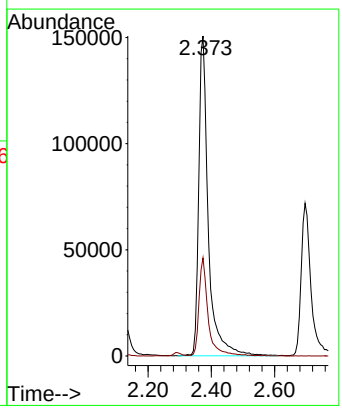
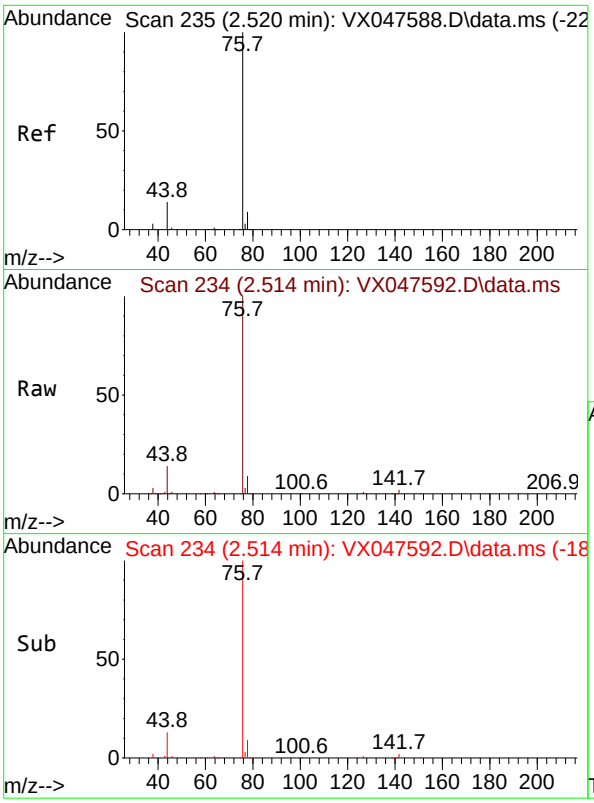


#16
Acetone
Concen: 245.006 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 316217

Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.4	35.0

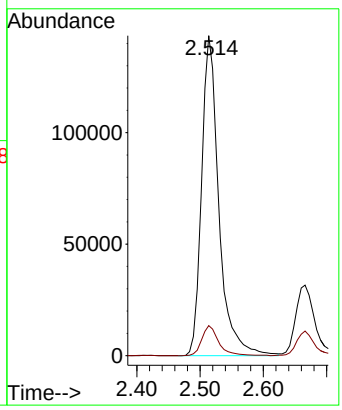




#17
Carbon Disulfide
Concen: 44.966 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 76 Resp: 27274

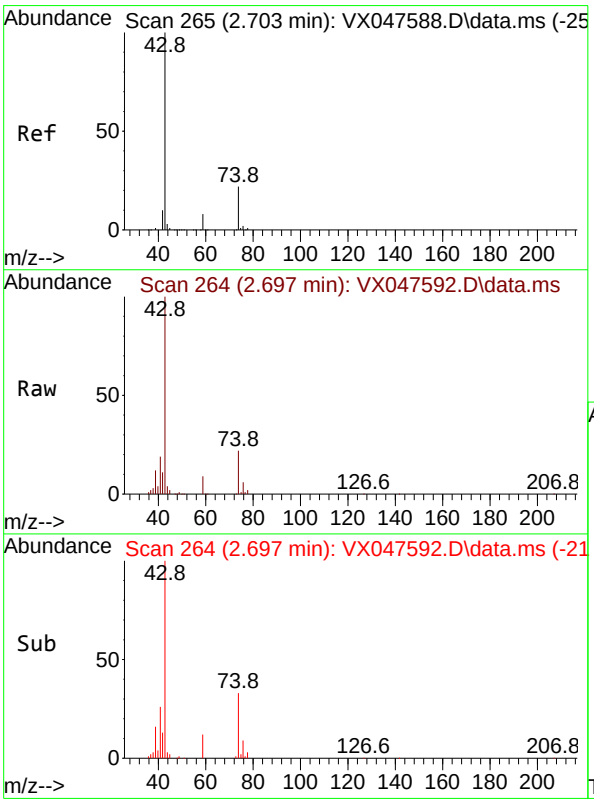
Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

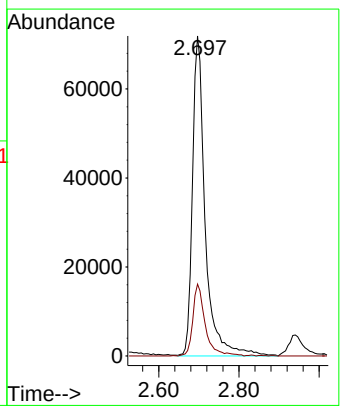
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

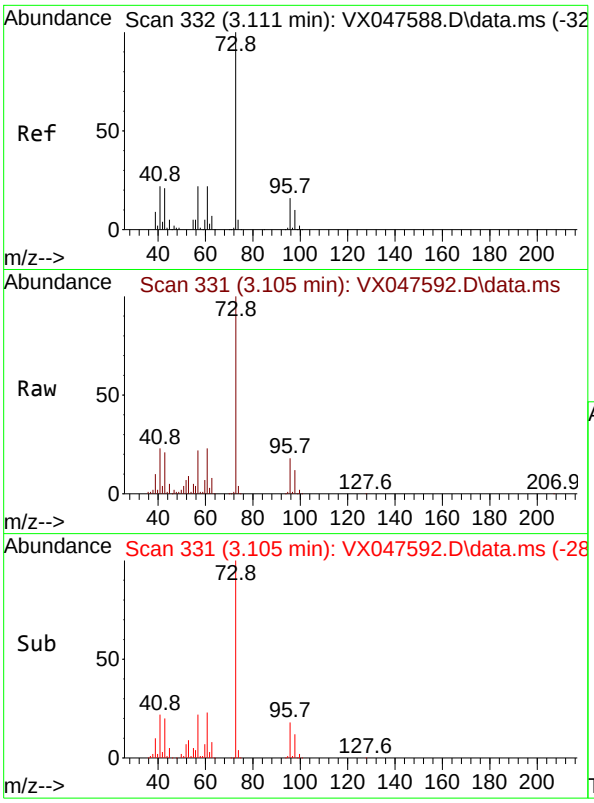


#18
Methyl Acetate
Concen: 55.175 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 158480

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2

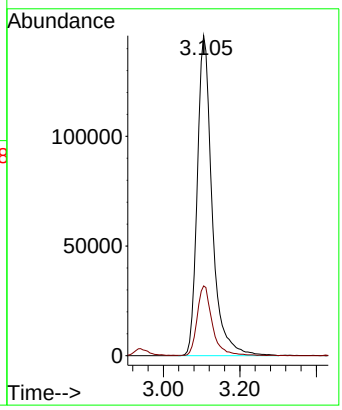




#19
Methyl tert-butyl Ether
Concen: 48.538 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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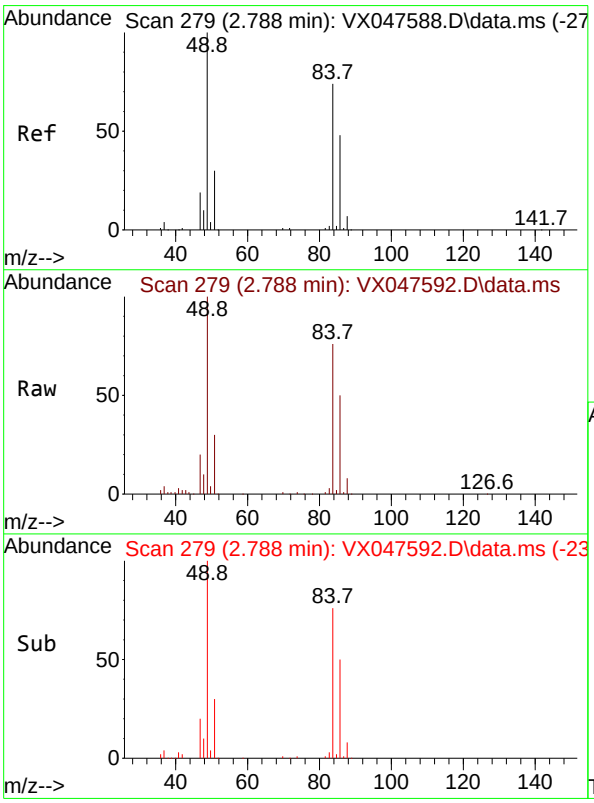
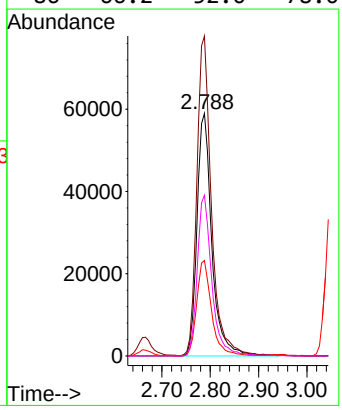
Supervised By :Mahesh Dadoda 09/18/2025

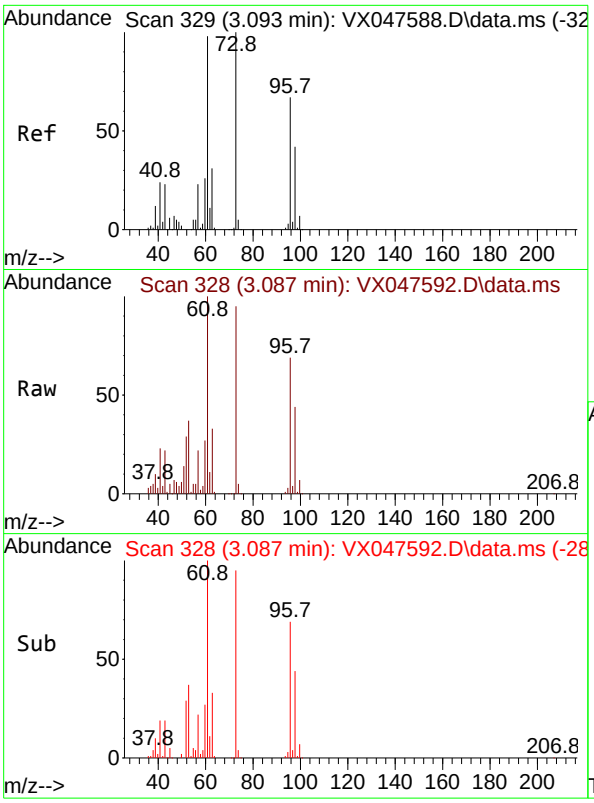


#20
Methylene Chloride
Concen: 46.000 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

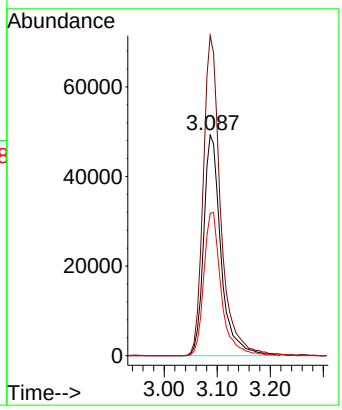




#21
trans-1,2-Dichloroethene
Concen: 46.709 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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 :
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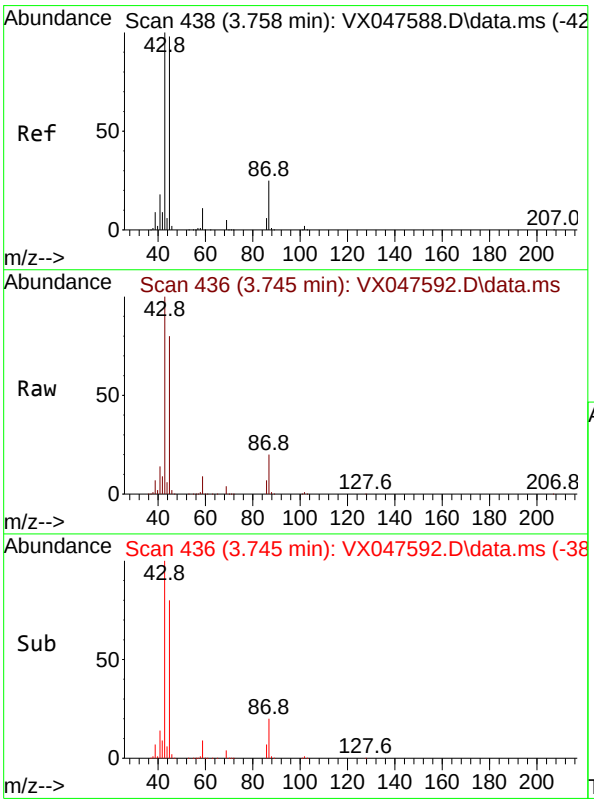
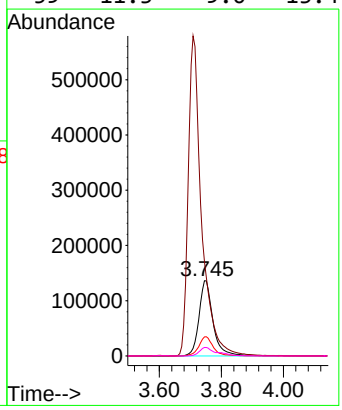
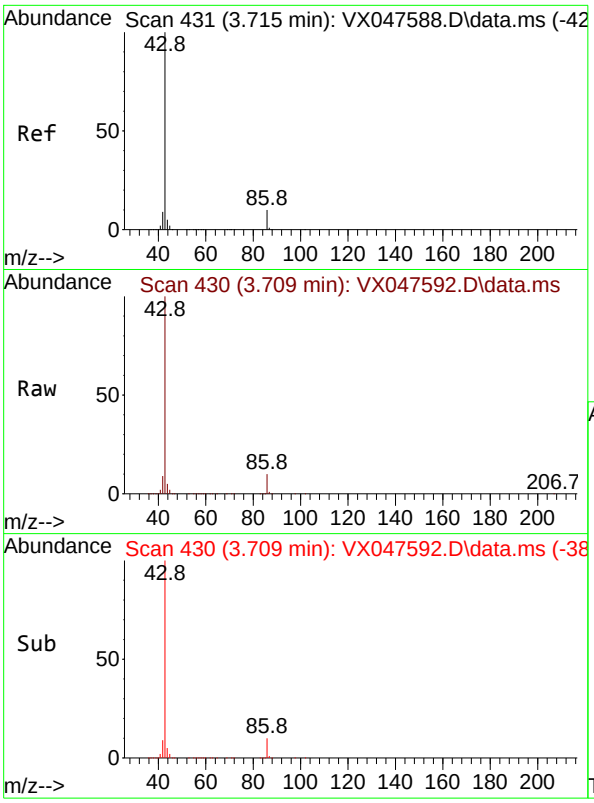


#22
Diisopropyl ether
Concen: 48.174 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

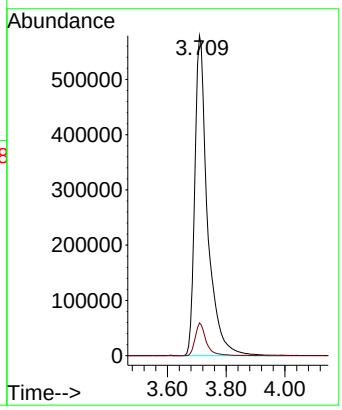




#23
Vinyl Acetate
Concen: 245.539 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 174126

Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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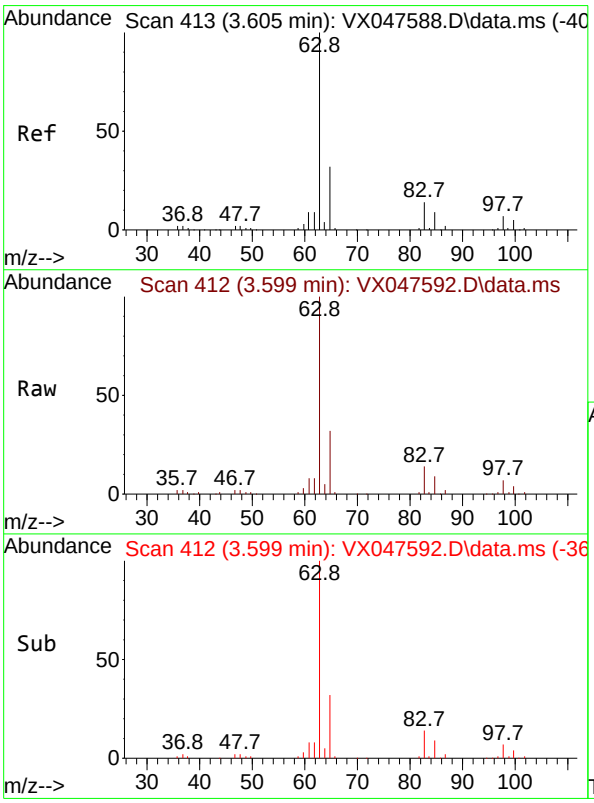
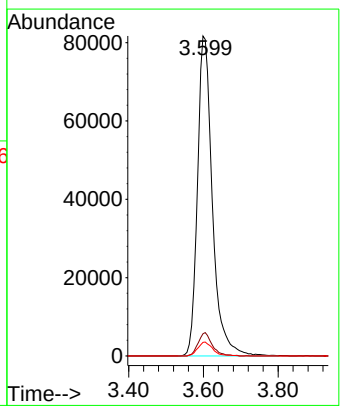
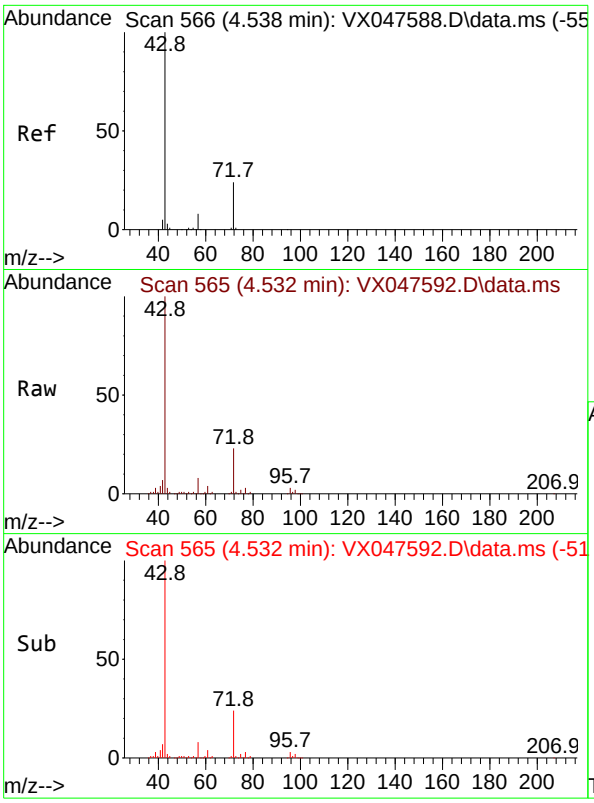


#24
1,1-Dichloroethane
Concen: 48.041 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

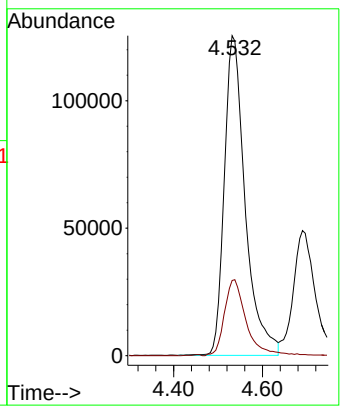




#25
2-Butanone
Concen: 253.598 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 40827

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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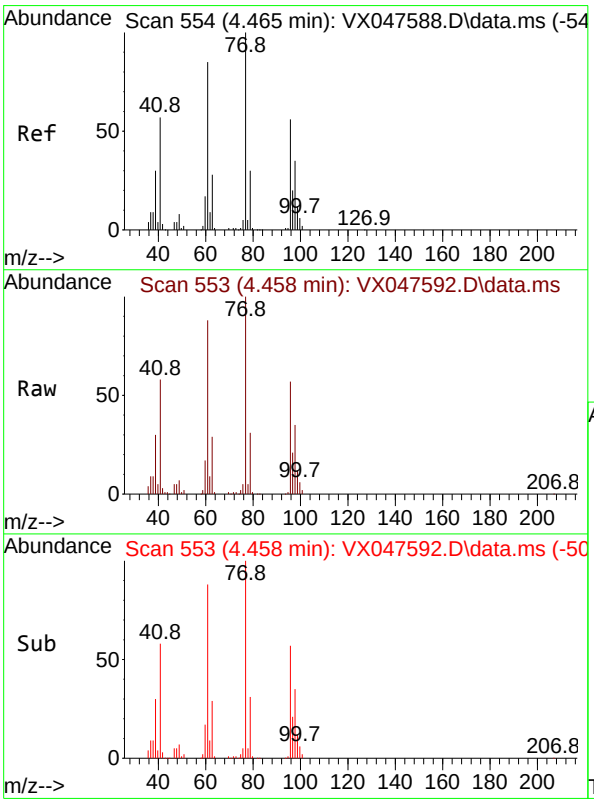
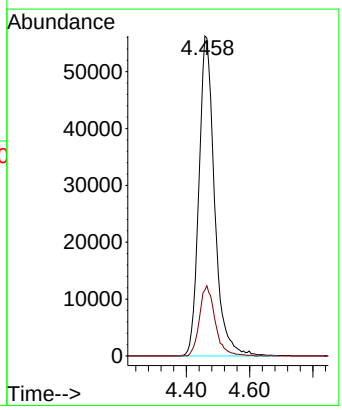
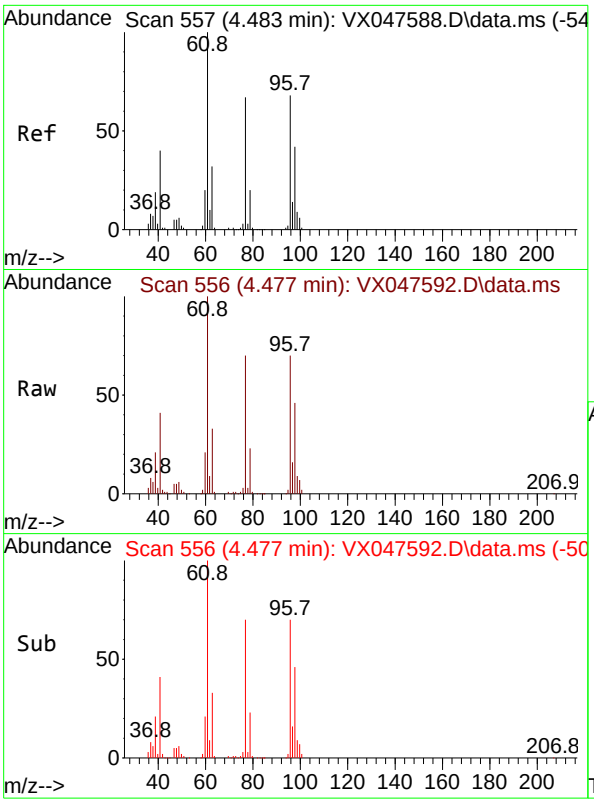


#26
2,2-Dichloropropane
Concen: 49.494 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 77 Resp: 193760

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7

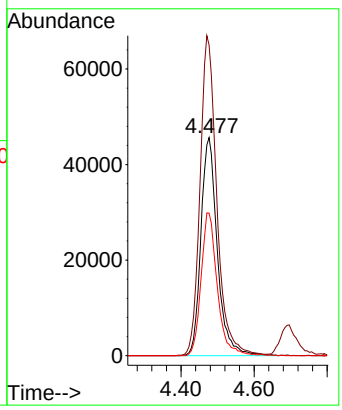




#27
cis-1,2-Dichloroethene
Concen: 48.826 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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 :
ICVVX091625

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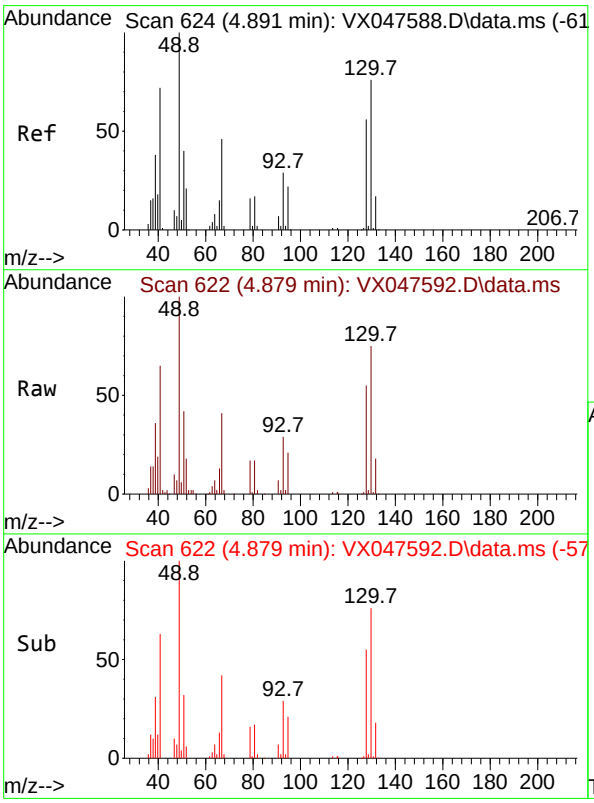
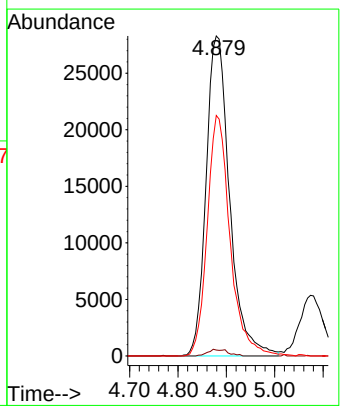
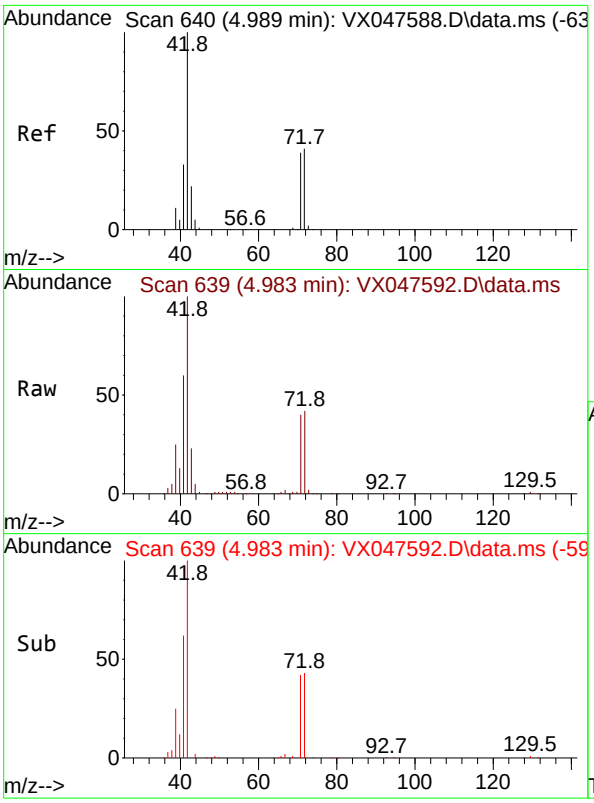


#28
Bromochloromethane
Concen: 46.586 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

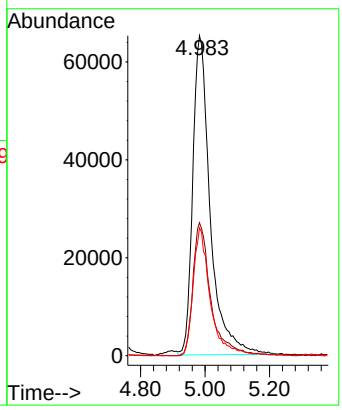




#29
Tetrahydrofuran
Concen: 253.375 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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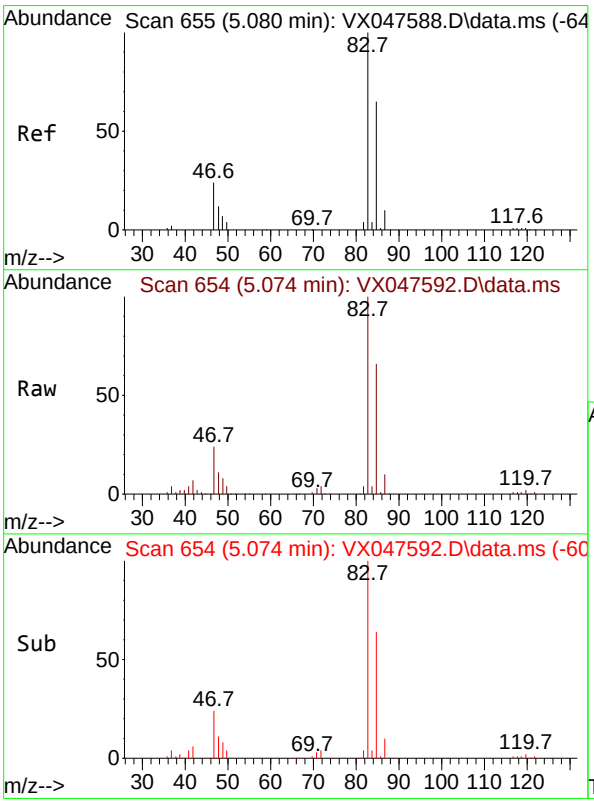
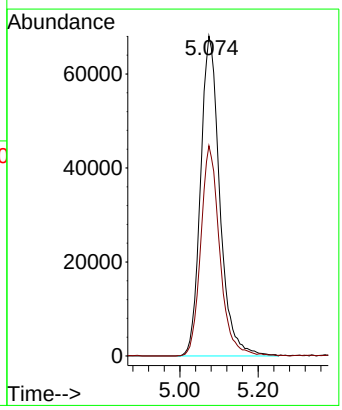
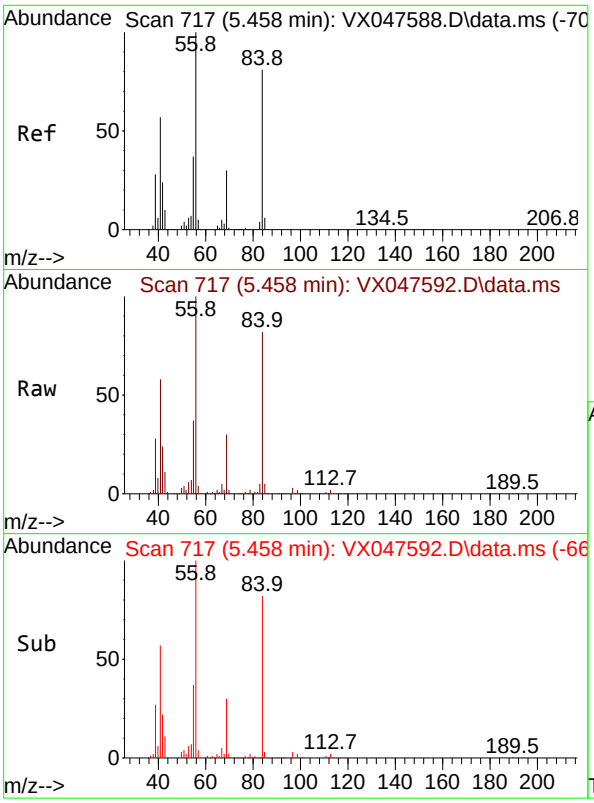


#30
Chloroform
Concen: 48.739 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 231954

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6

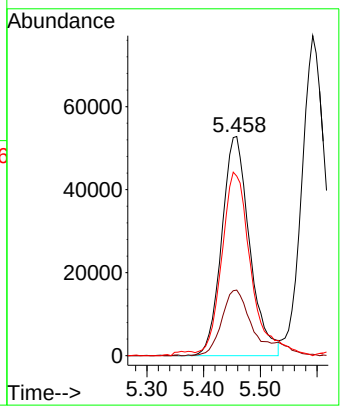




#31
Cyclohexane
Concen: 45.999 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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 :
MSVOA_X
ClientSampleId :
ICVVX091625

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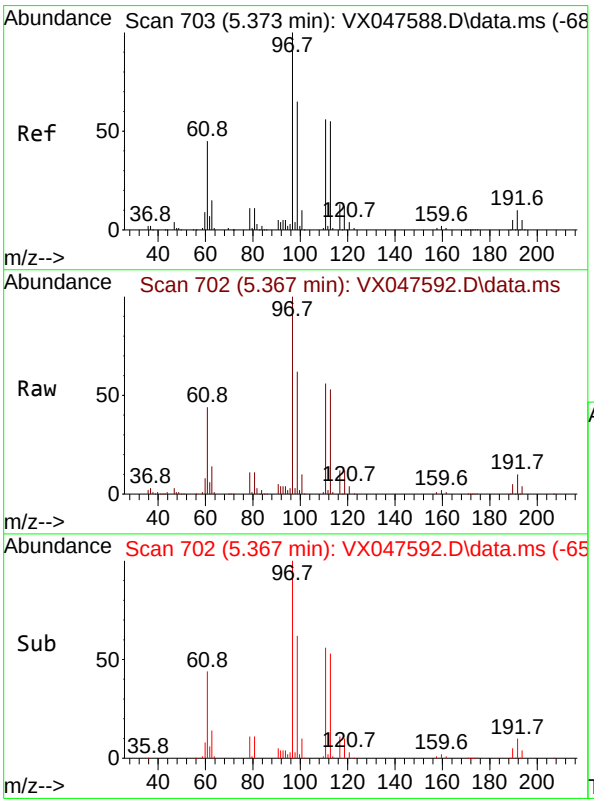
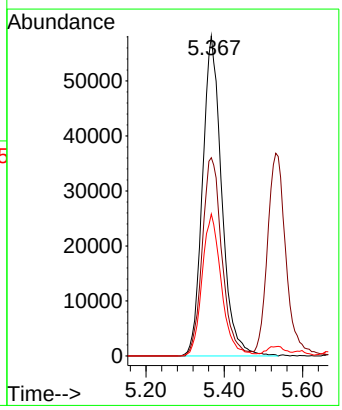
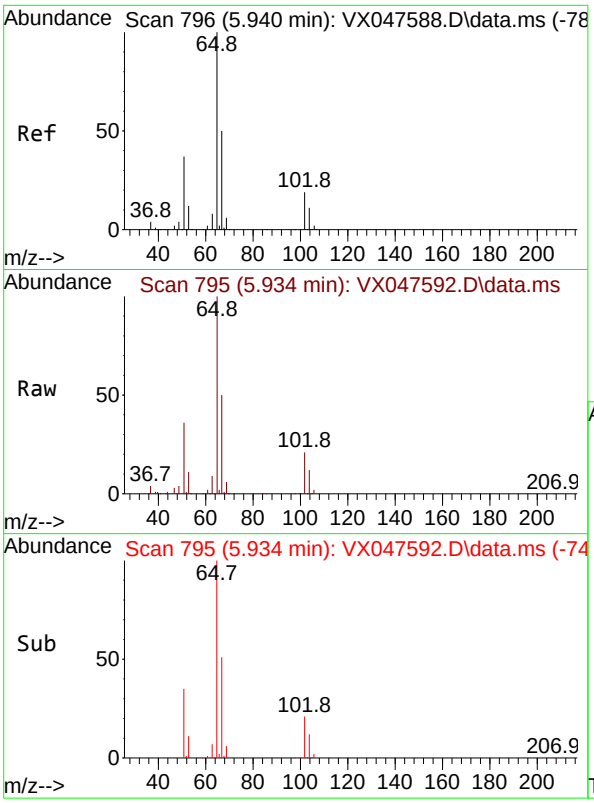


#32
1,1,1-Trichloroethane
Concen: 48.978 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

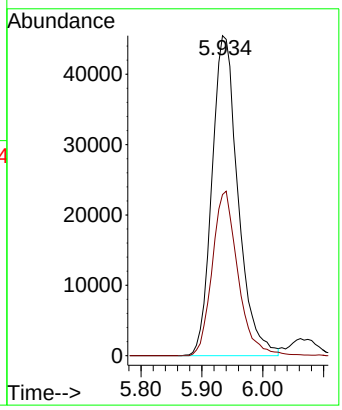




#33
1,2-Dichloroethane-d4
Concen: 45.550 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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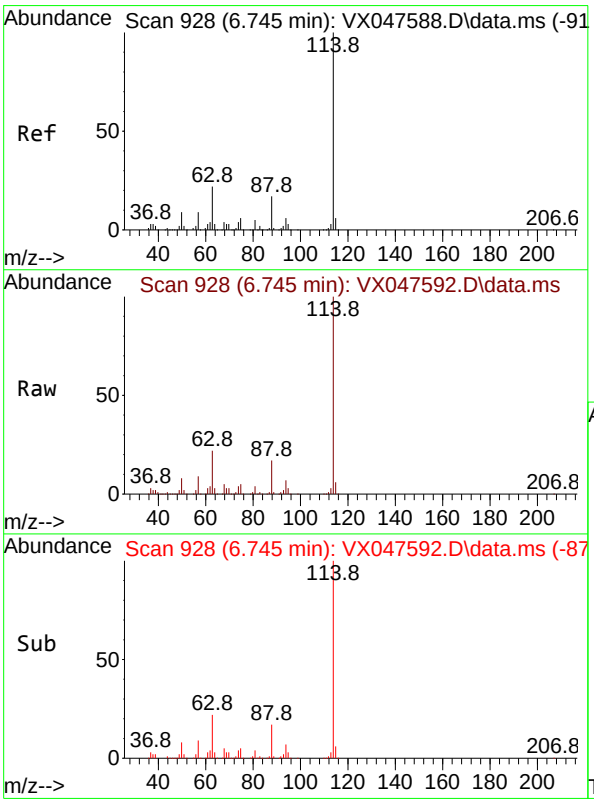
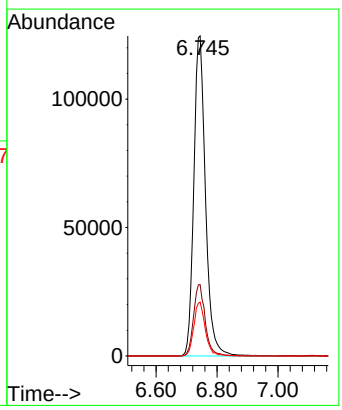
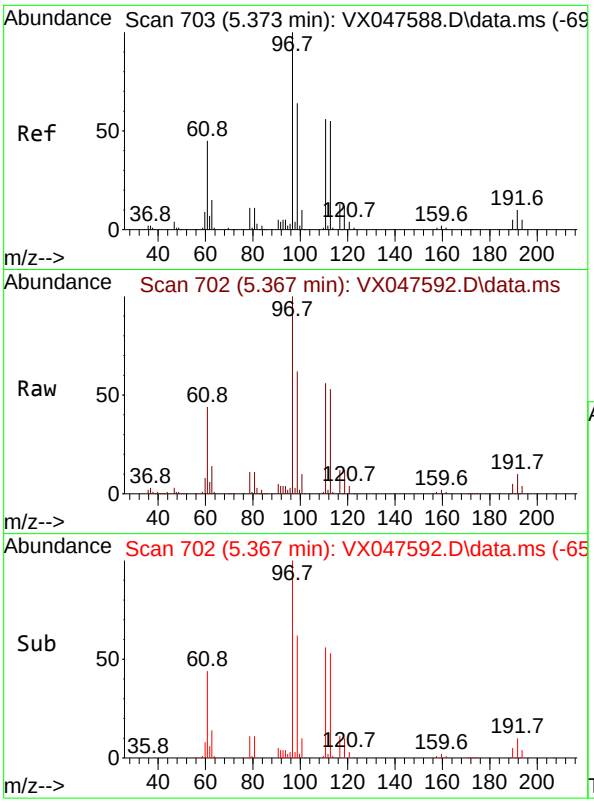


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

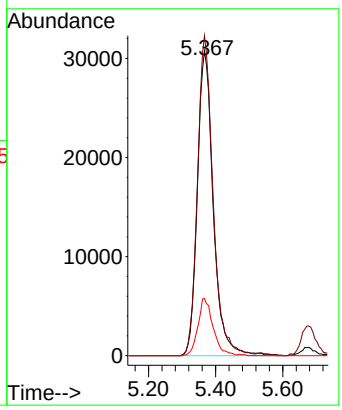




#35
Dibromofluoromethane
Concen: 45.559 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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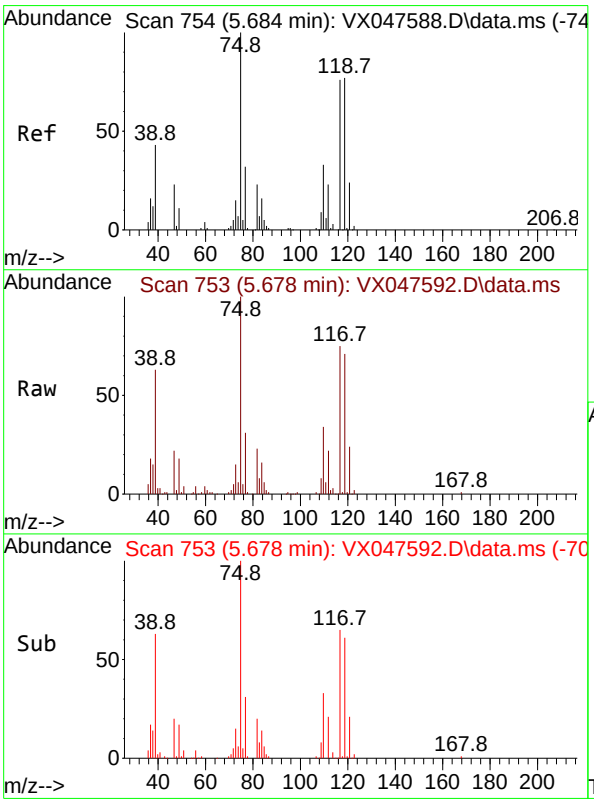
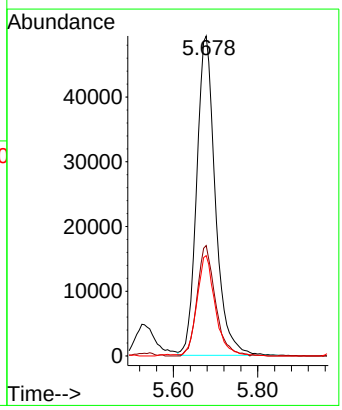
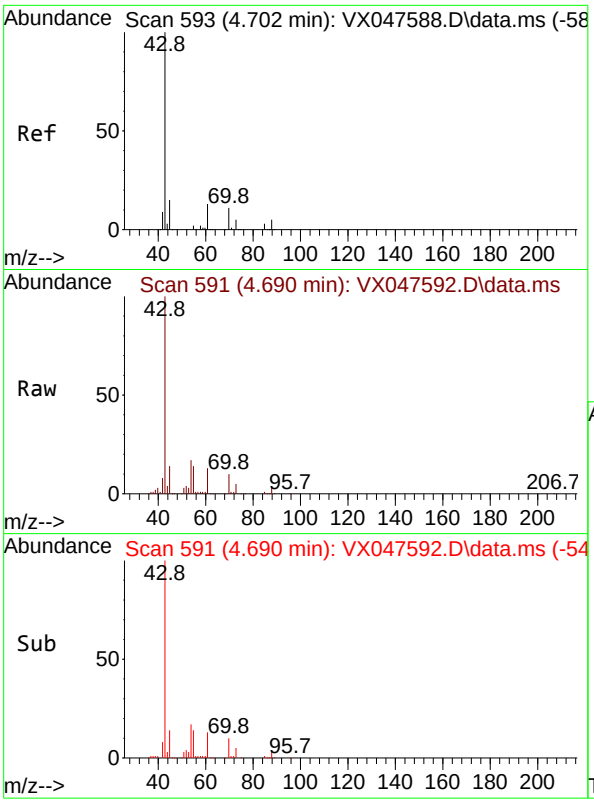


#36
1,1-Dichloropropene
Concen: 46.663 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

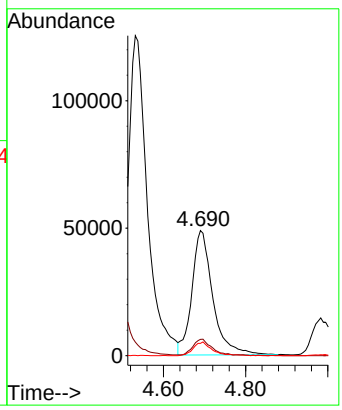




#37
Ethyl Acetate
Concen: 49.241 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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 :
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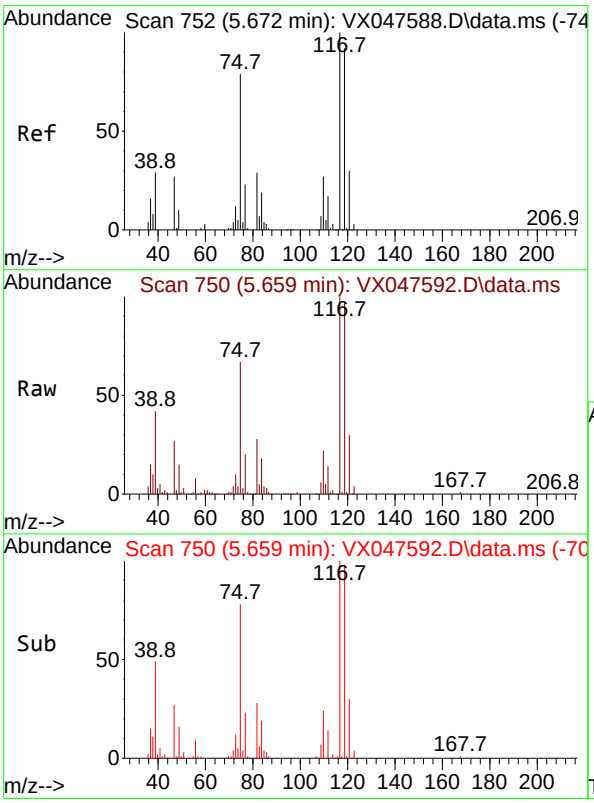
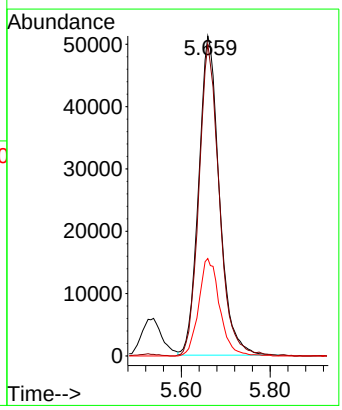
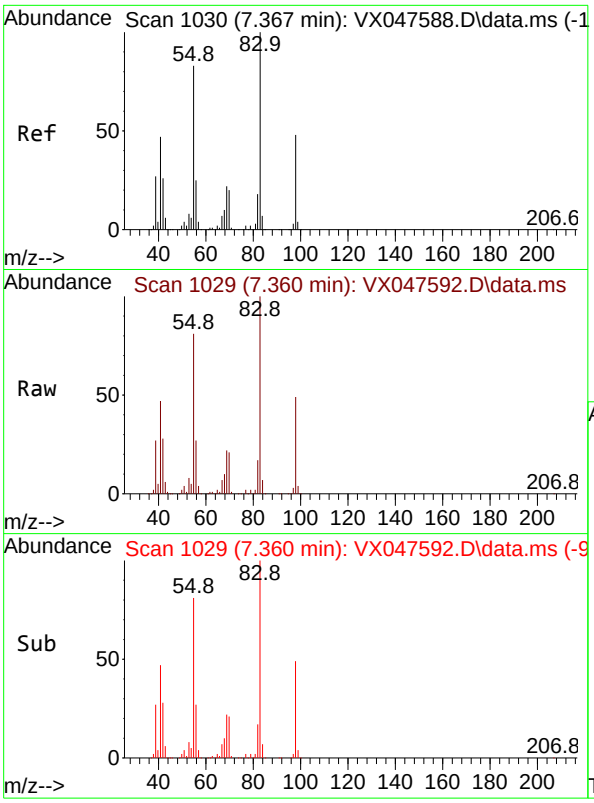


#38
Carbon Tetrachloride
Concen: 46.935 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

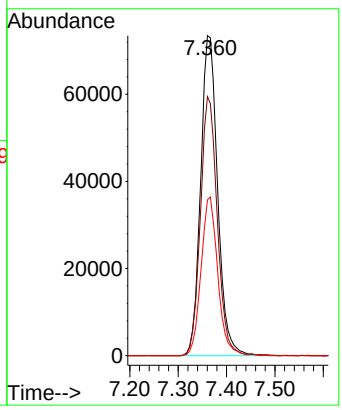




#39
Methylcyclohexane
Concen: 48.597 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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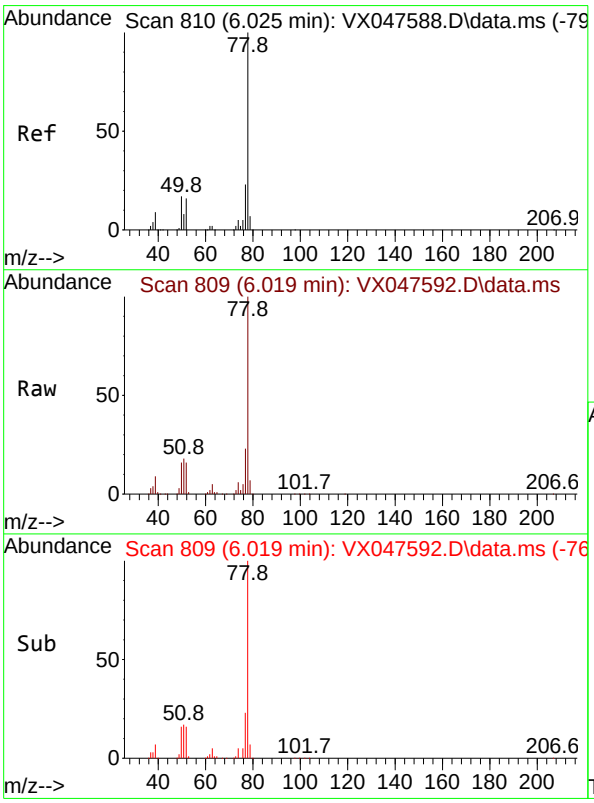
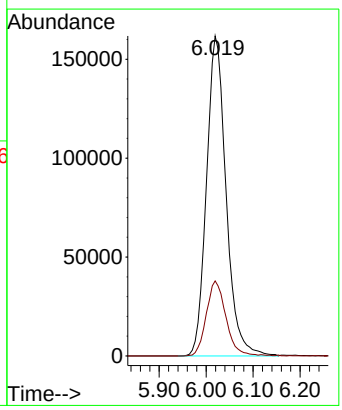
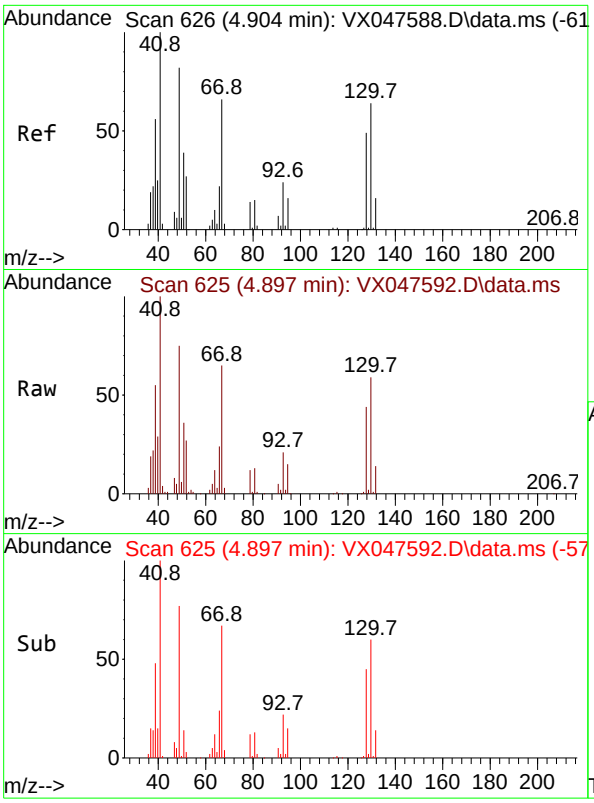


#40
Benzene
Concen: 47.357 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 78 Resp: 467748

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2

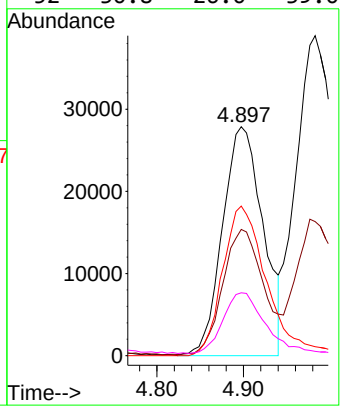




#41
Methacrylonitrile
Concen: 50.490 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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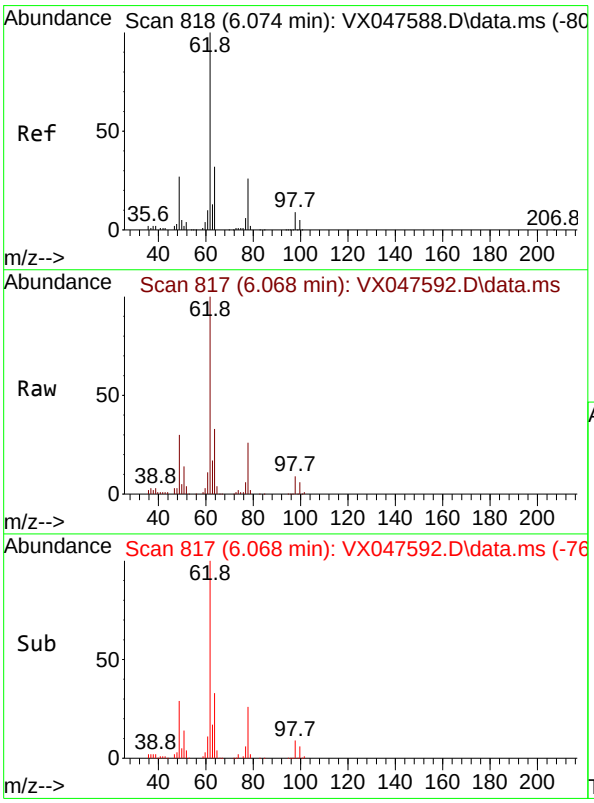
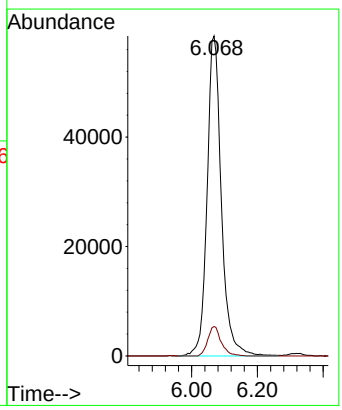
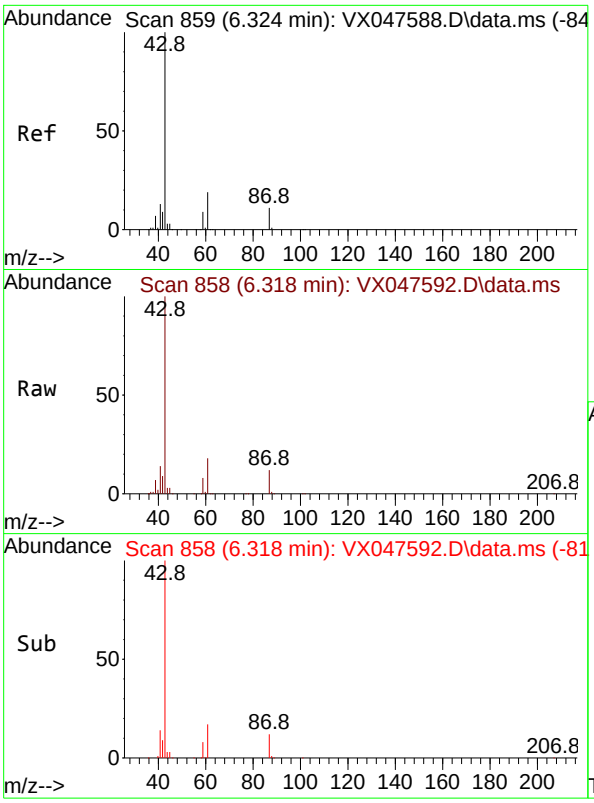


#42
1,2-Dichloroethane
Concen: 46.867 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 176131

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

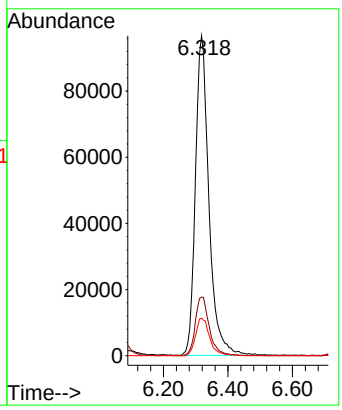




#43
Isopropyl Acetate
Concen: 49.136 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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 :
MSVOA_X
ClientSampleId :
ICVVX091625

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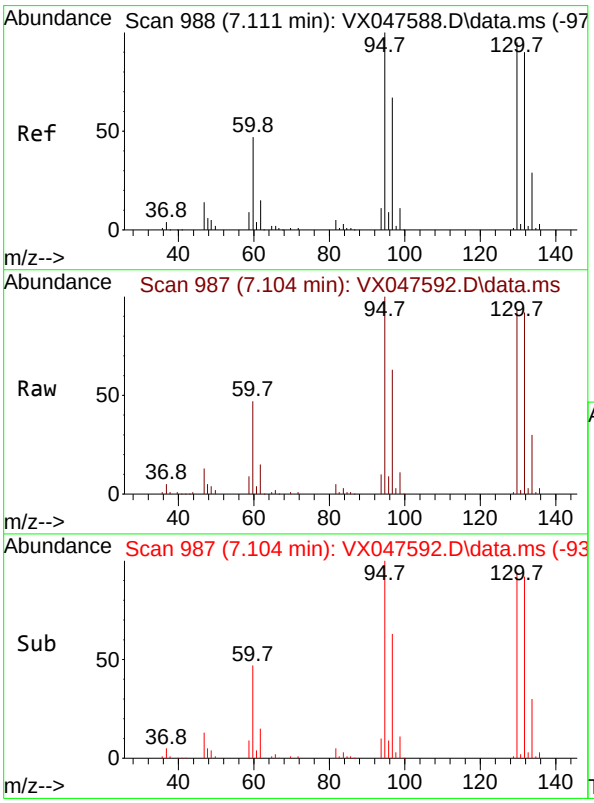
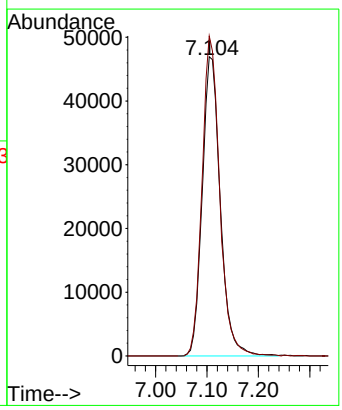
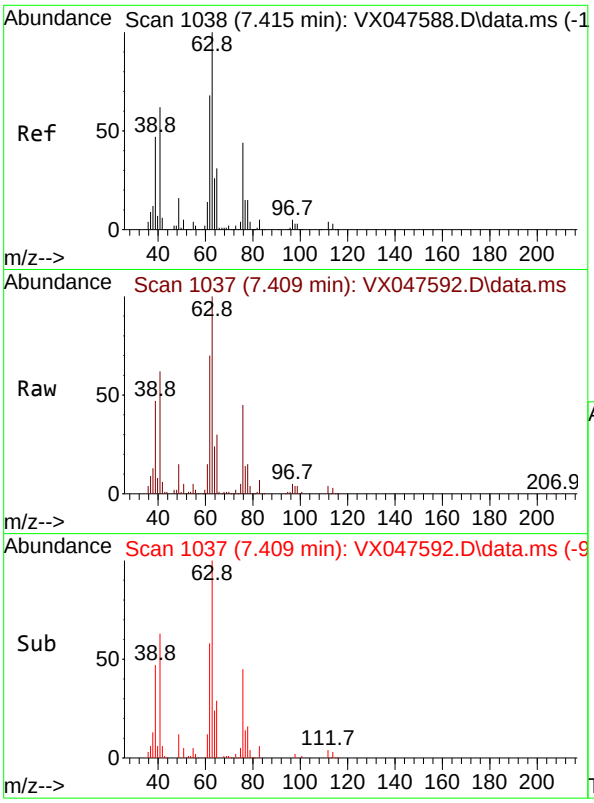


#44
Trichloroethene
Concen: 48.037 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:130 Resp: 114708

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	210.8

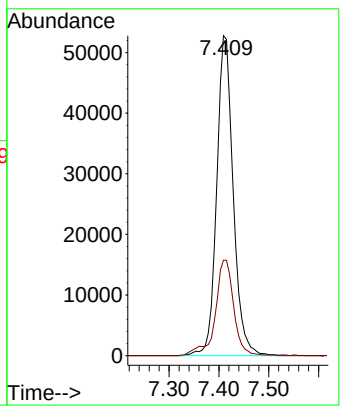




#45
1,2-Dichloropropane
Concen: 48.053 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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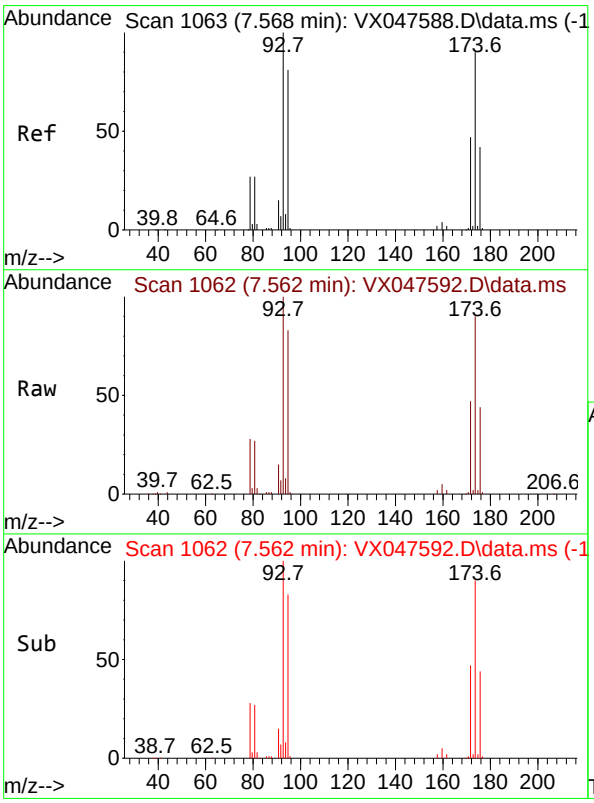
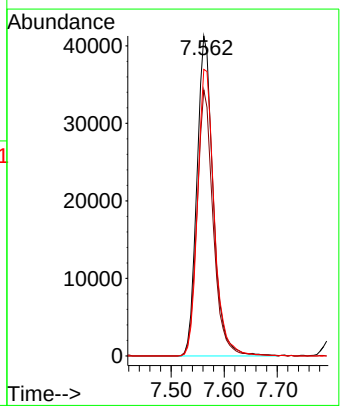
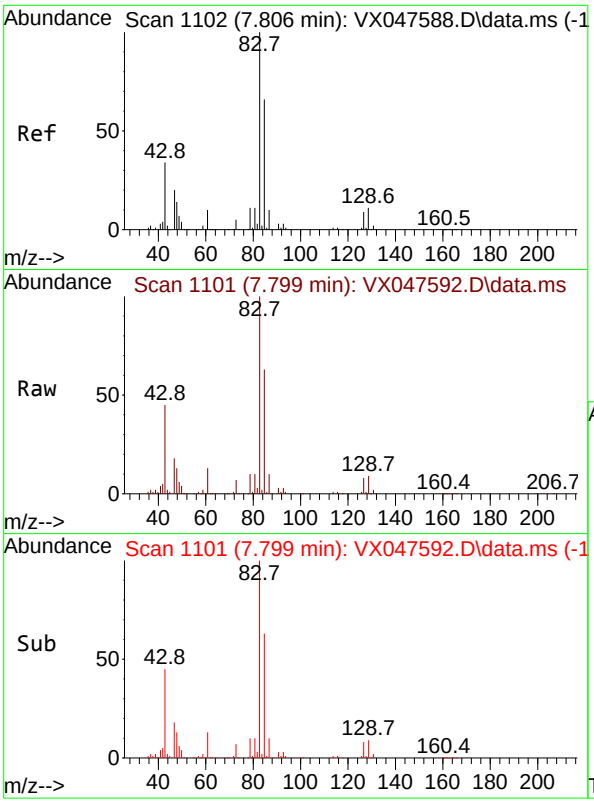


#46
Dibromomethane
Concen: 47.976 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

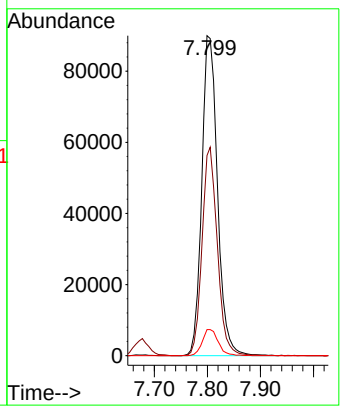




#47
Bromodichloromethane
Concen: 48.769 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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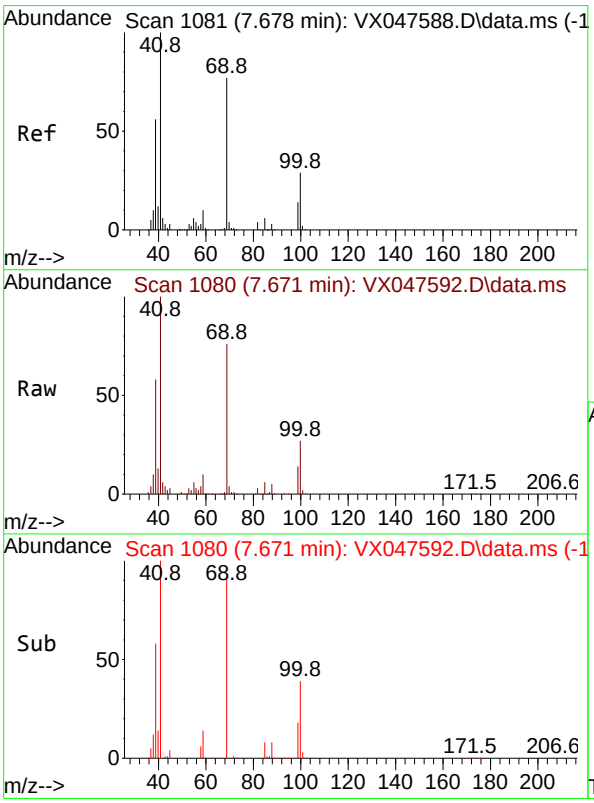
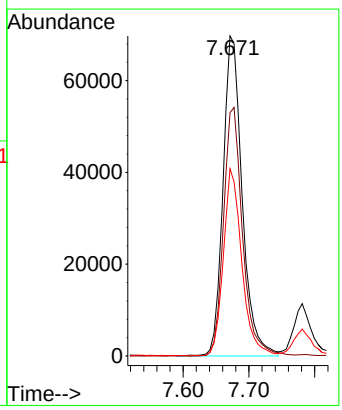
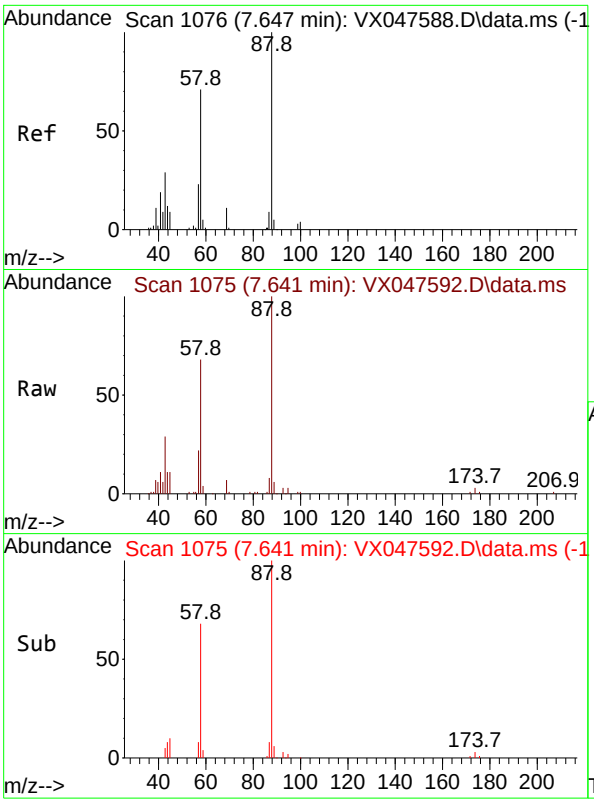


#48
Methyl methacrylate
Concen: 49.757 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

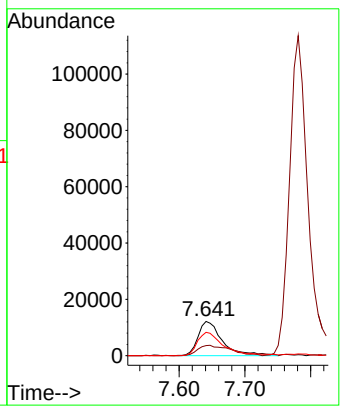




#49
1,4-Dioxane
Concen: 1089.520 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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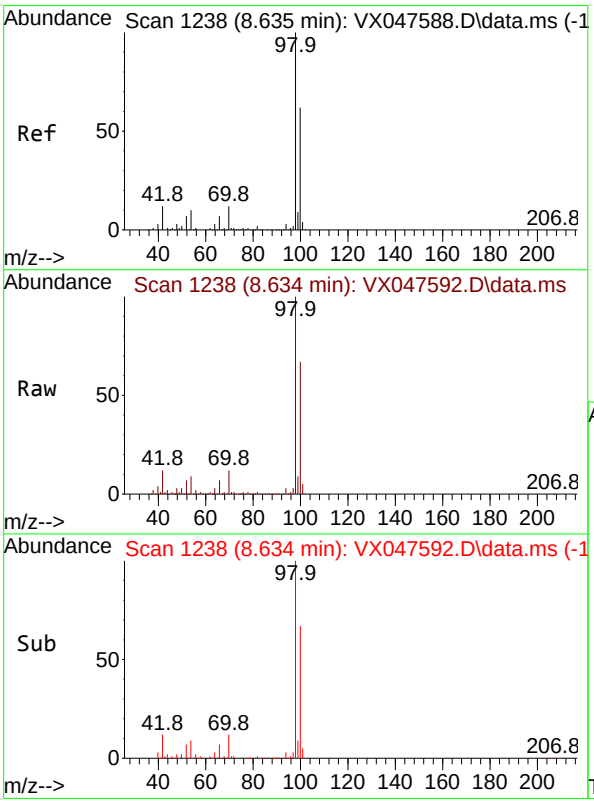
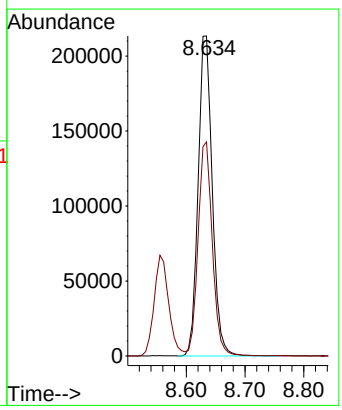
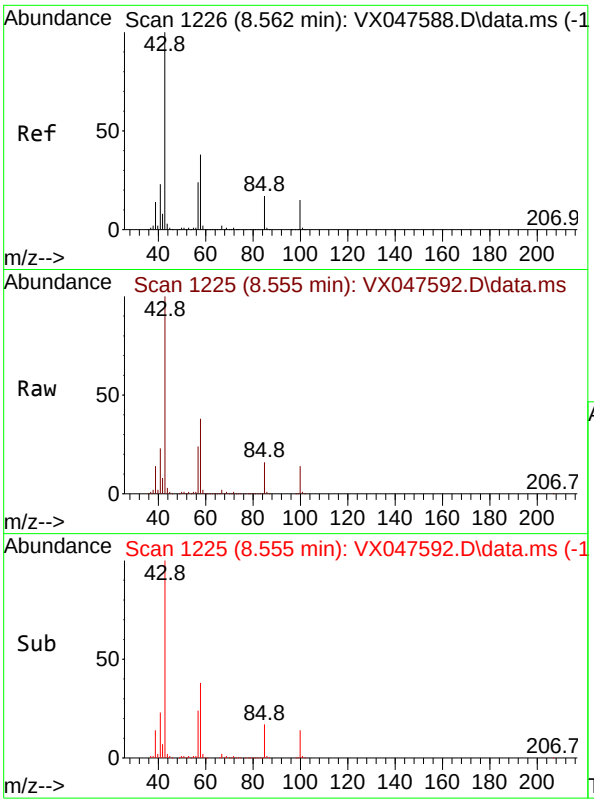


#50
Toluene-d8
Concen: 46.411 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 98 Resp: 357393

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4

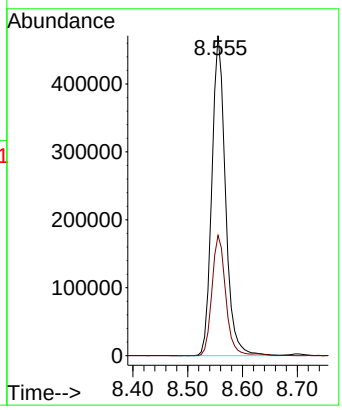




#51
4-Methyl-2-Pentanone
Concen: 255.752 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 80975

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
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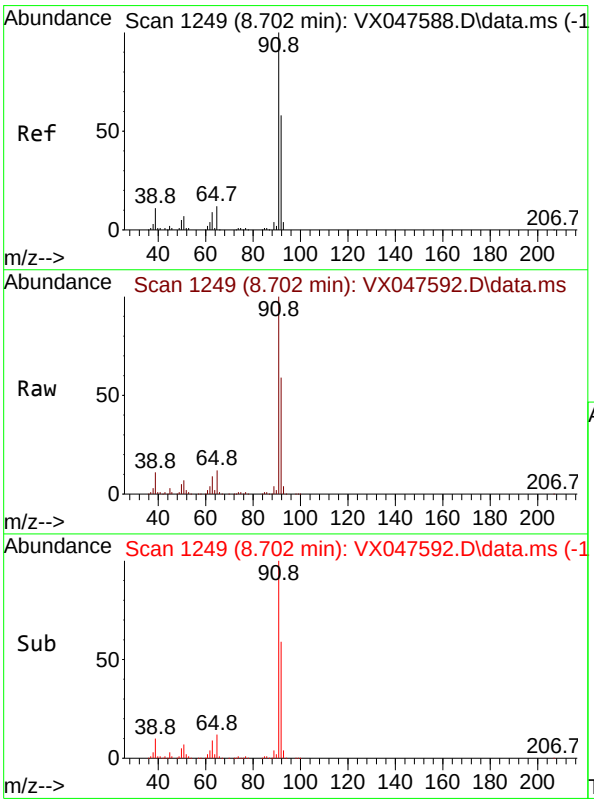
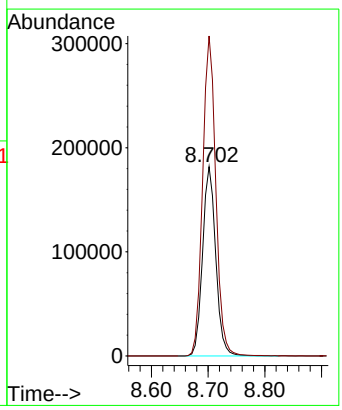
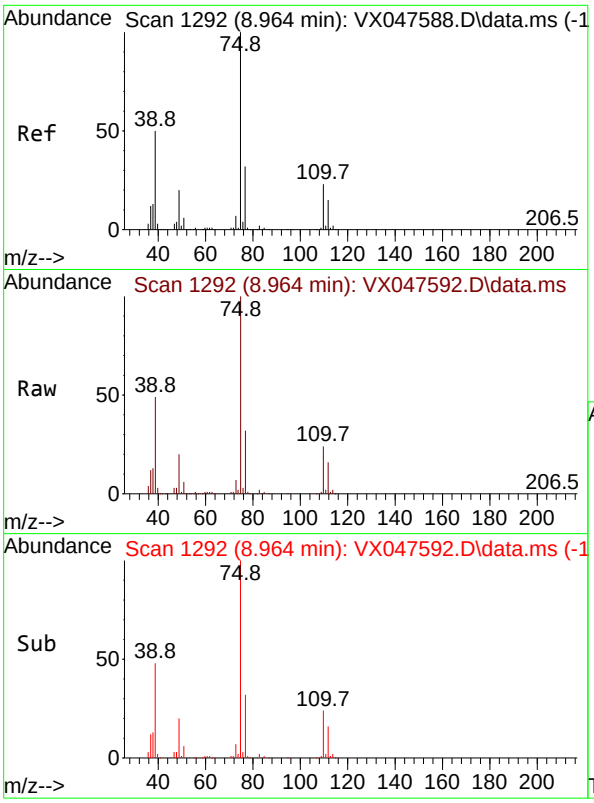


#52
Toluene
Concen: 48.130 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 92 Resp: 292879

Ion	Ratio	Lower	Upper
92	100		
91	169.4	137.1	205.7

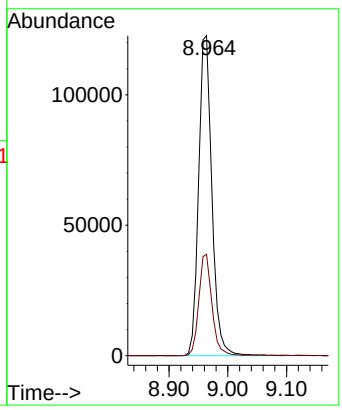




#53
t-1,3-Dichloropropene
Concen: 49.527 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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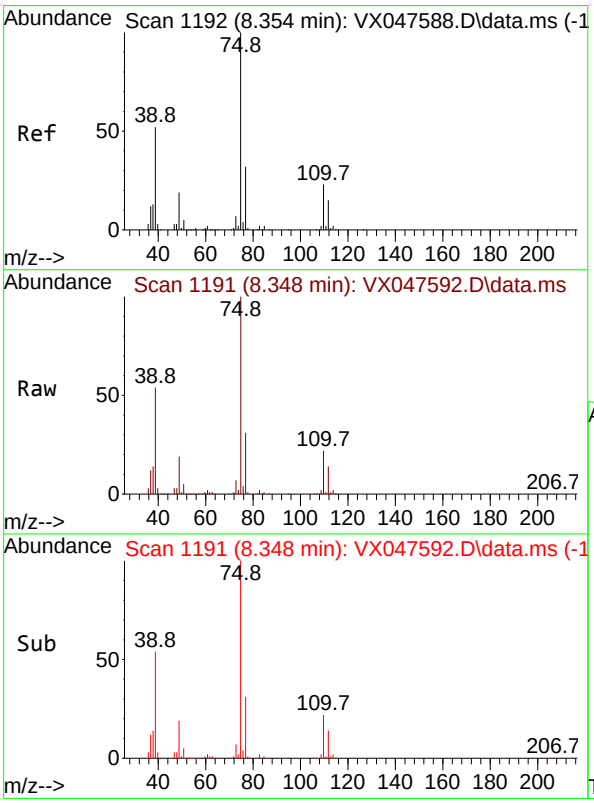
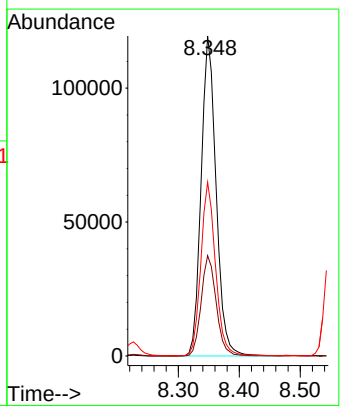
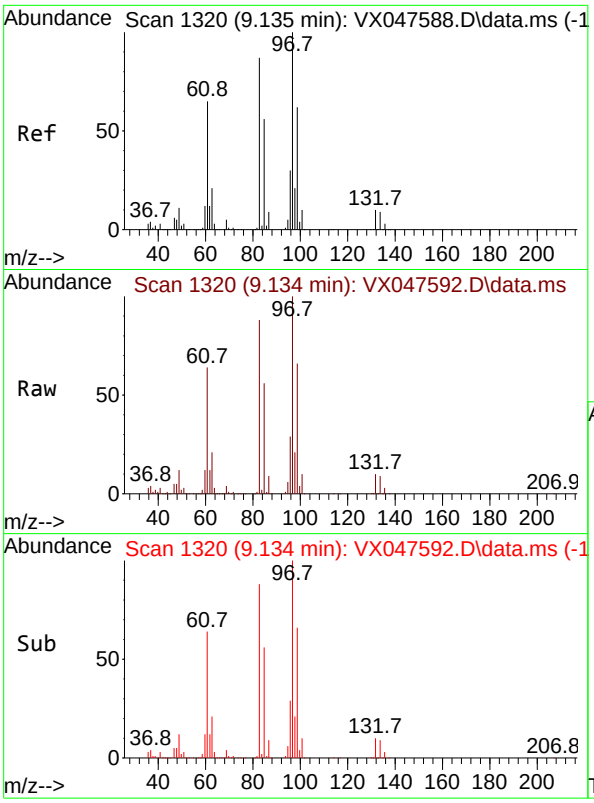


#54
cis-1,3-Dichloropropene
Concen: 49.257 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

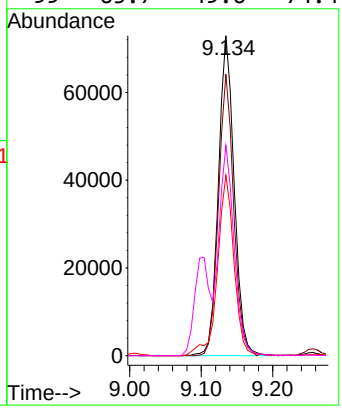




#55
1,1,2-Trichloroethane
Concen: 47.772 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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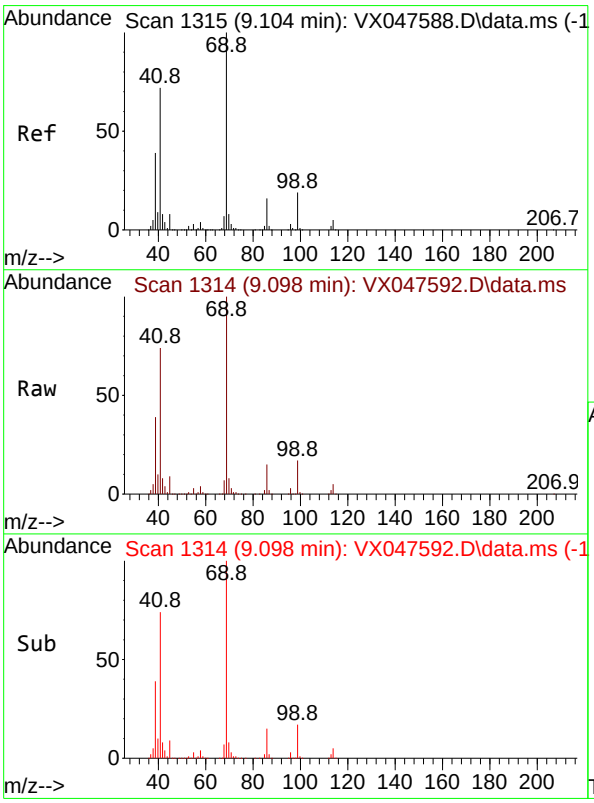
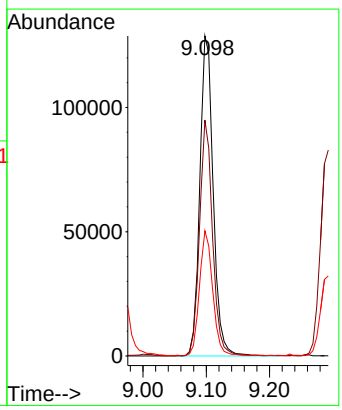
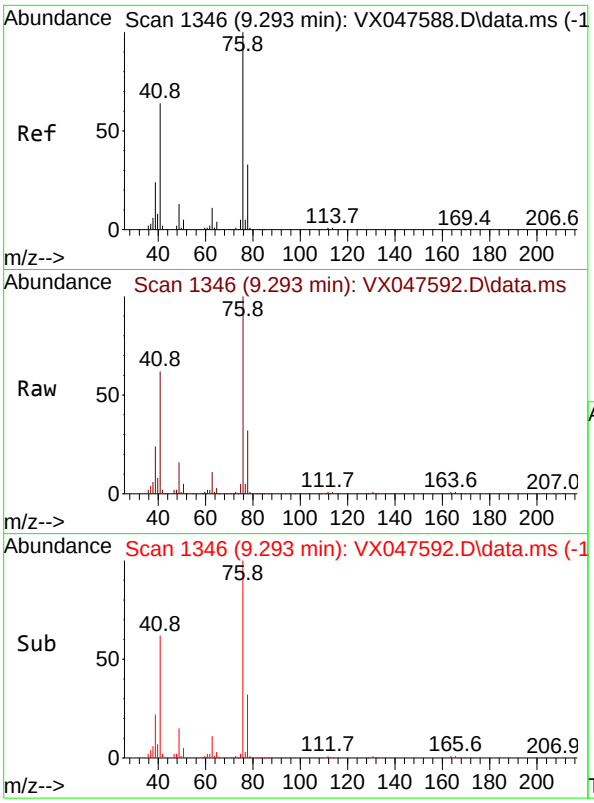


#56
Ethyl methacrylate
Concen: 51.490 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

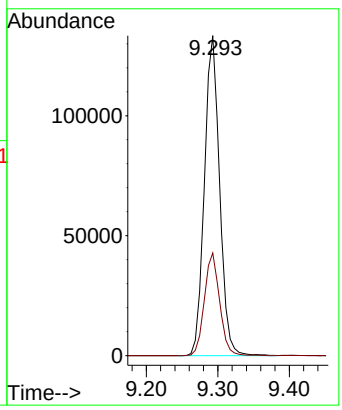




#57
1,3-Dichloropropane
Concen: 48.894 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 76 Resp: 19707

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4



Instrument :
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ClientSampleId :
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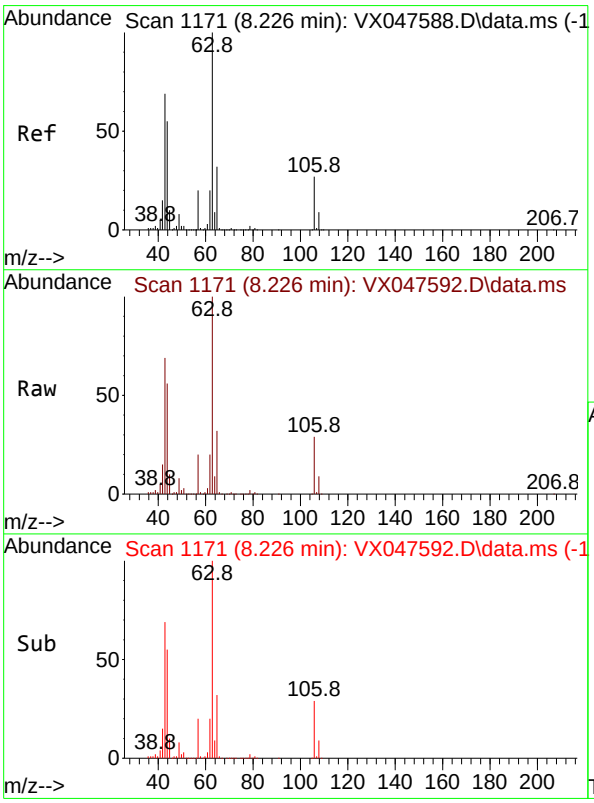
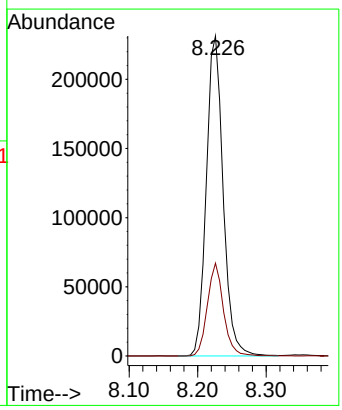
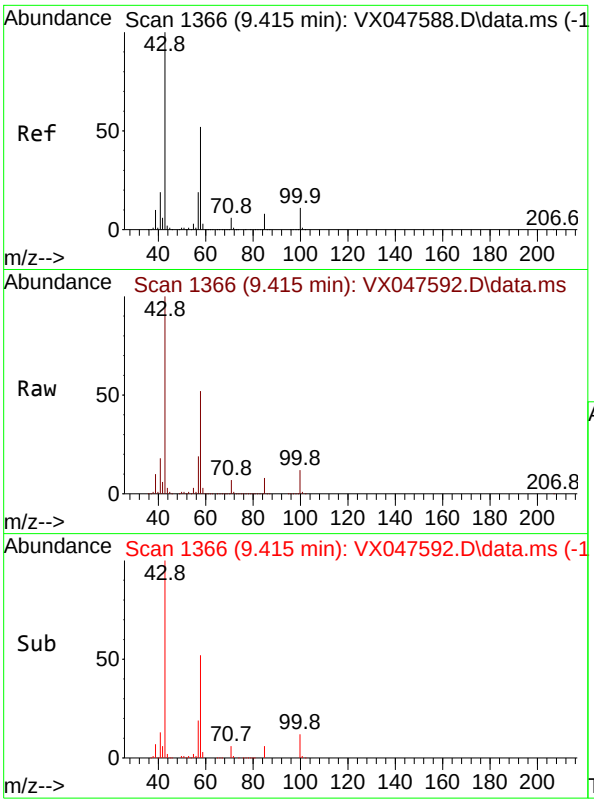


#58
2-Chloroethyl Vinyl ether
Concen: 225.562 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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 :
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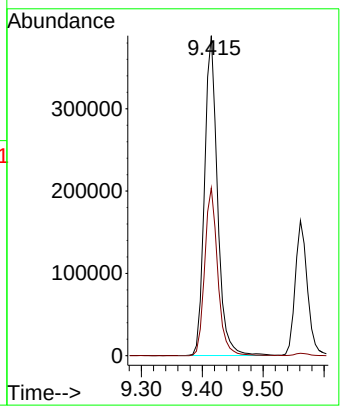
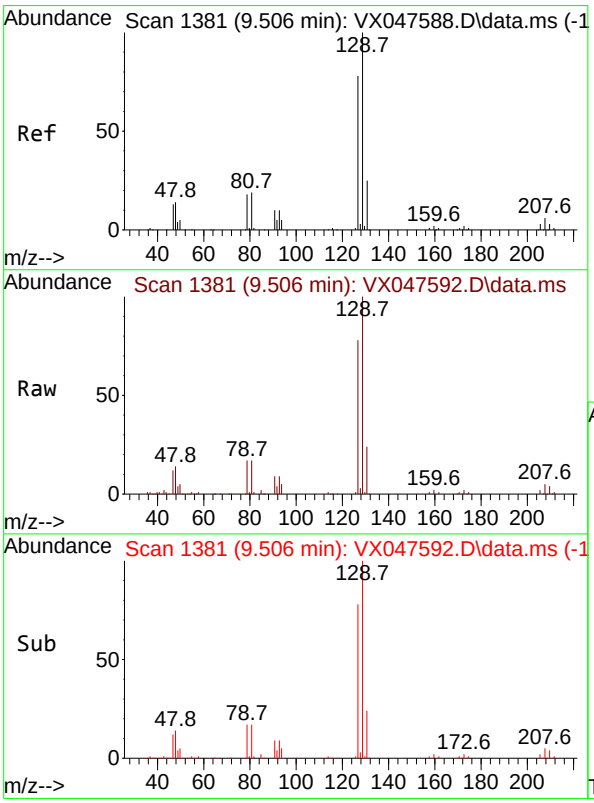
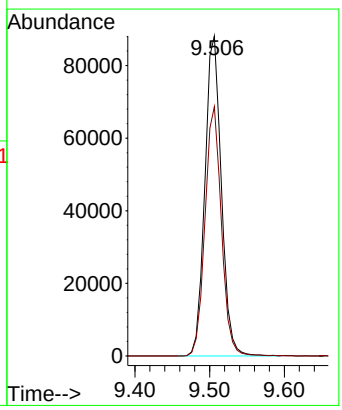


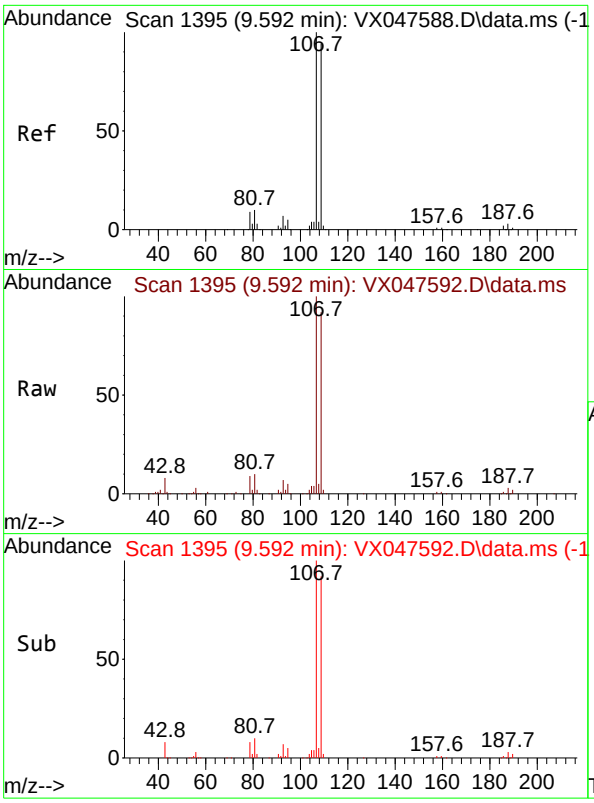


#60
Dibromochloromethane
Concen: 49.824 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:129 Resp: 134704

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2

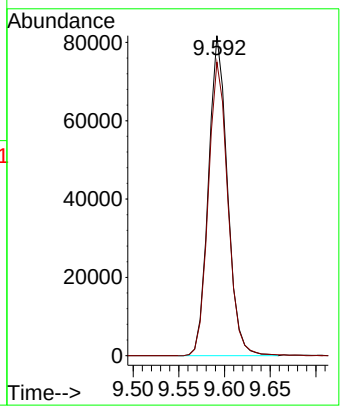




#61
1,2-Dibromoethane
Concen: 49.297 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:107 Resp: 11781

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
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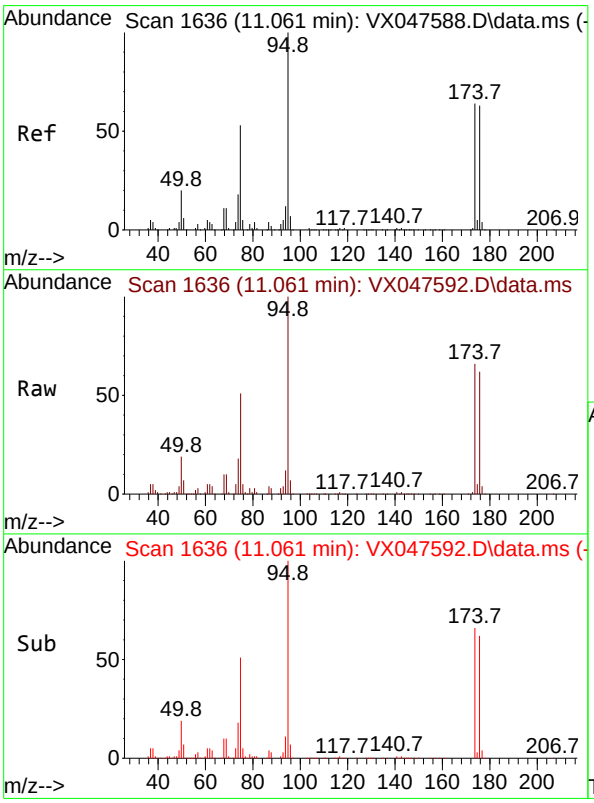
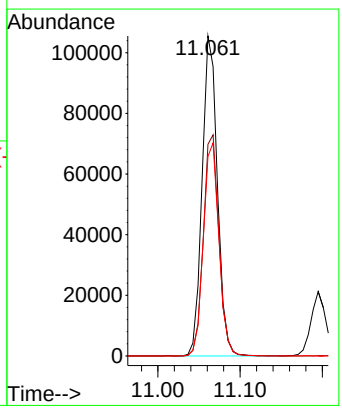
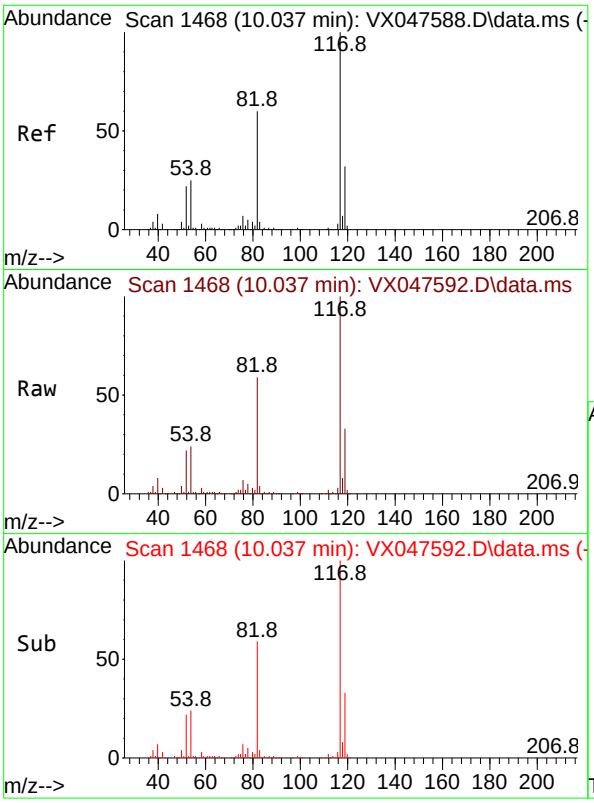


#62
4-Bromofluorobenzene
Concen: 46.520 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

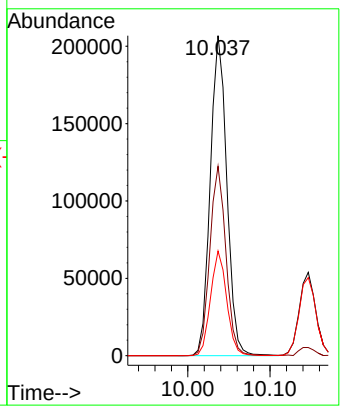




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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 :
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ClientSampleId :
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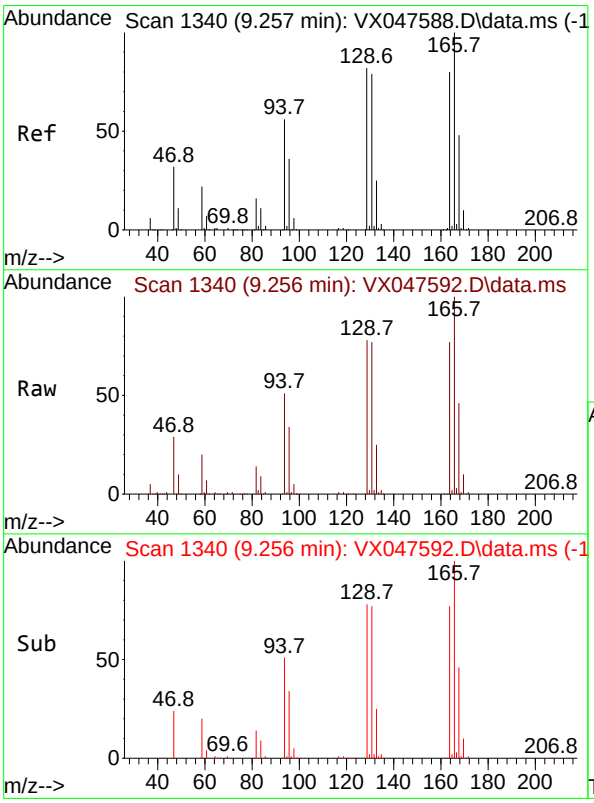
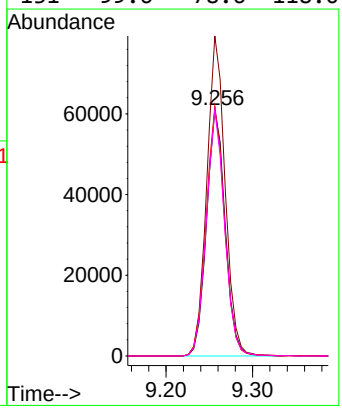
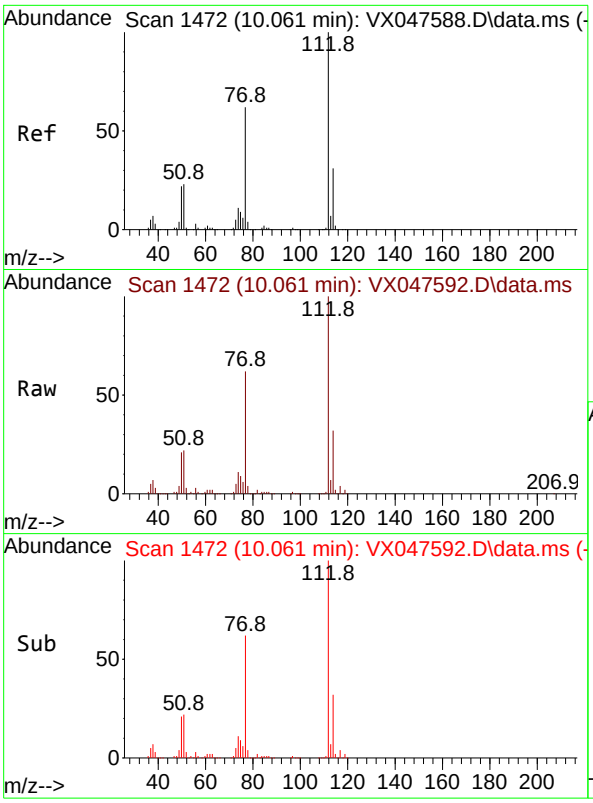


#64
Tetrachloroethene
Concen: 48.296 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

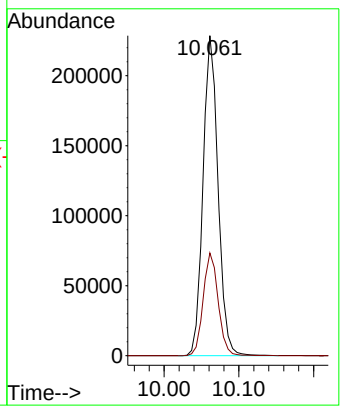




#65
Chlorobenzene
Concen: 48.549 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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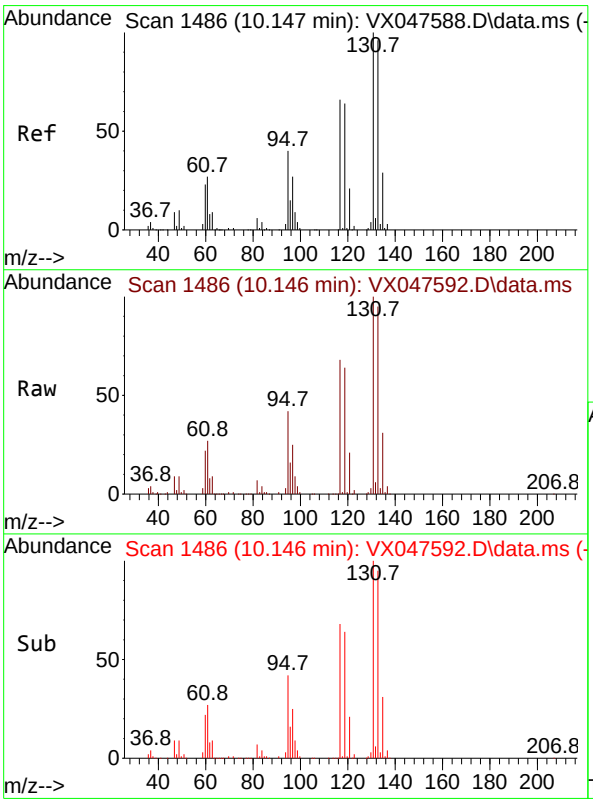
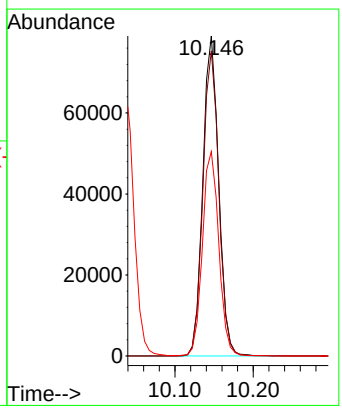
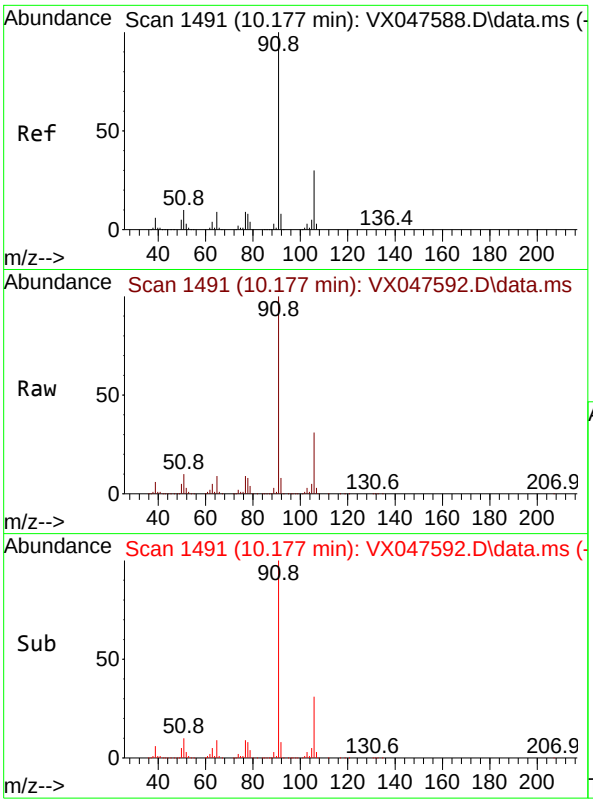


#66
1,1,1,2-Tetrachloroethane
Concen: 48.794 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

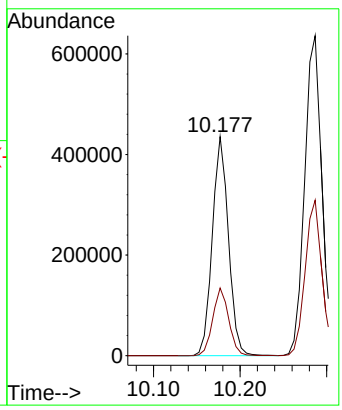




#67
Ethyl Benzene
Concen: 49.813 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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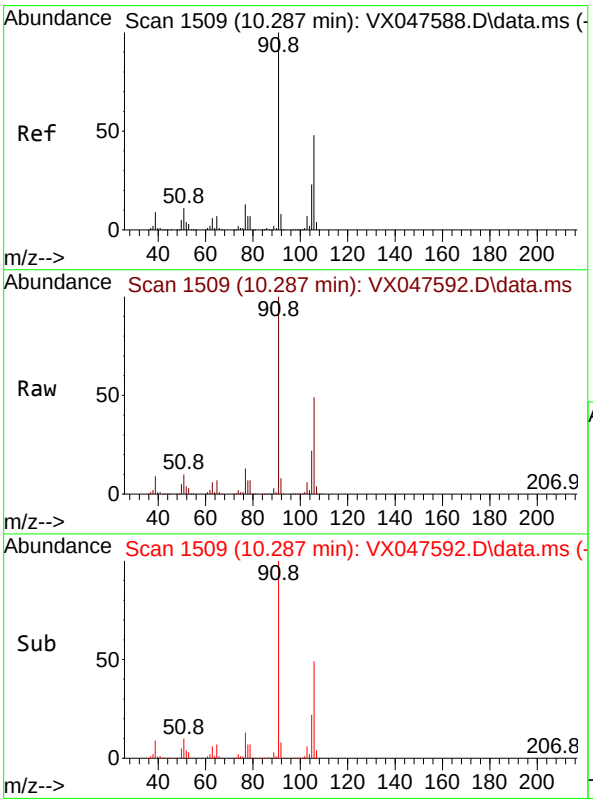
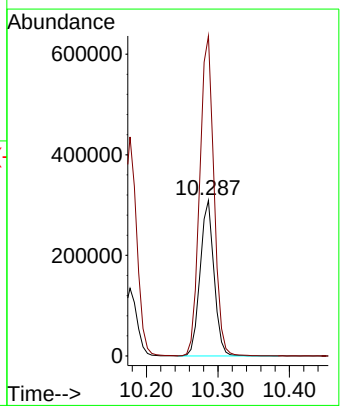
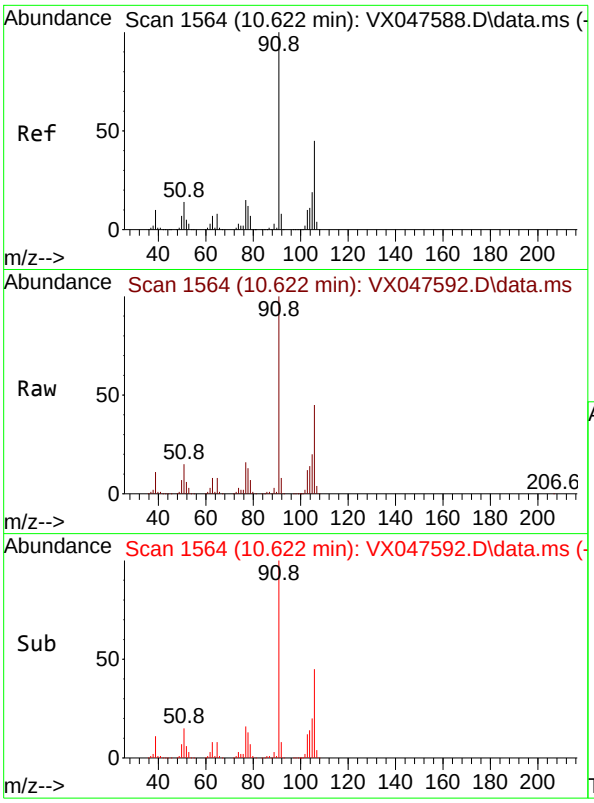


#68
m/p-Xylenes
Concen: 98.956 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 416757

Ion	Ratio	Lower	Upper
106	100		
91	211.1	167.8	251.8

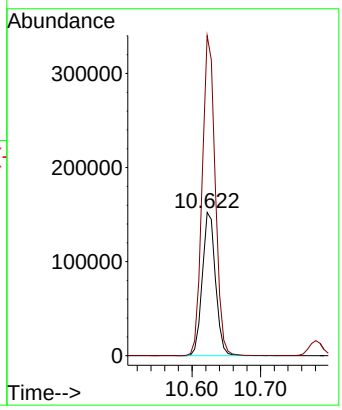




#69
o-Xylene
Concen: 50.159 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 20432

Ion	Ratio	Lower	Upper
106	100		
91	221.0	111.1	333.4



Instrument :
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ClientSampleId :
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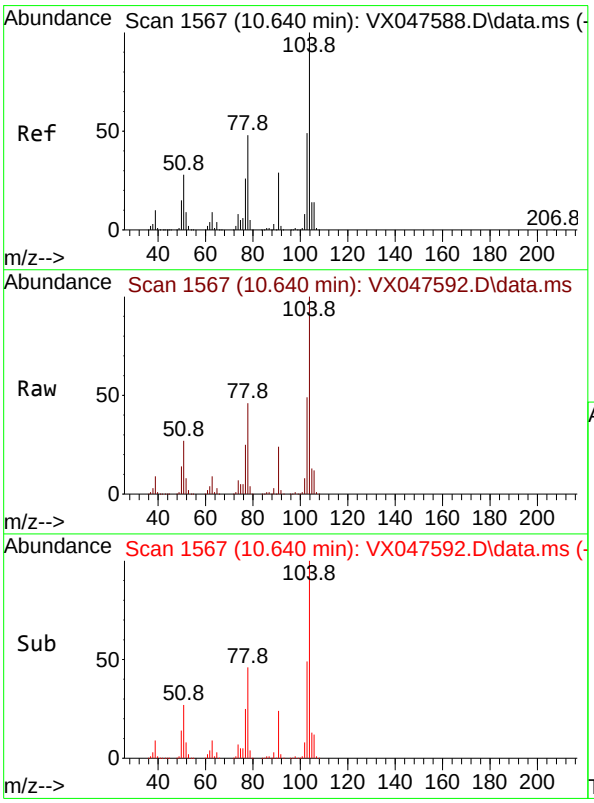
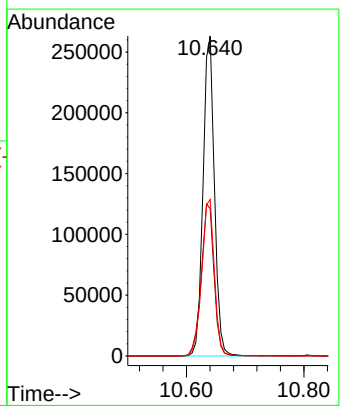
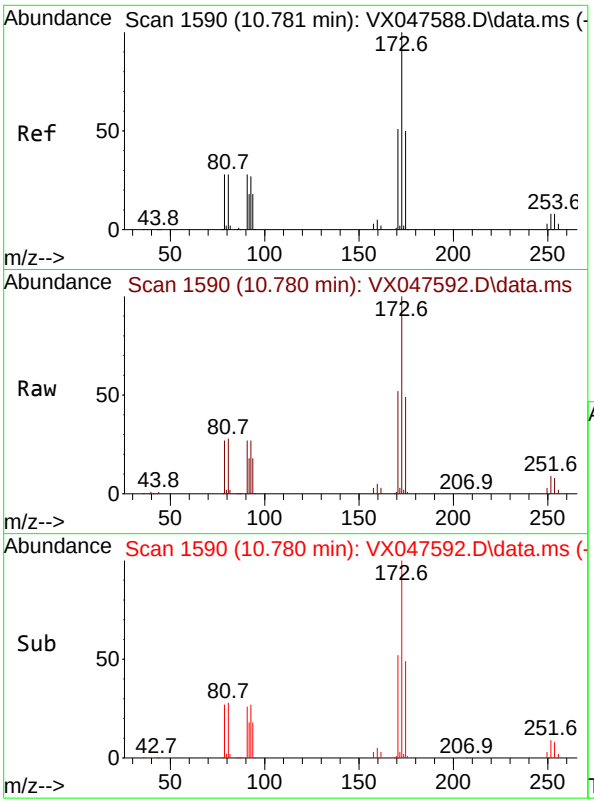


#70
Styrene
Concen: 49.536 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

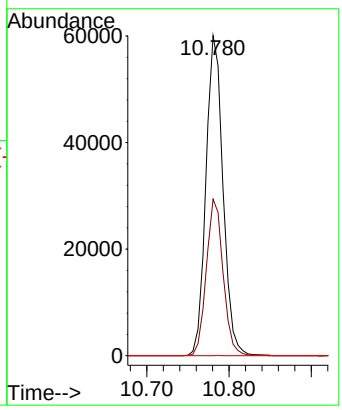




#71
Bromoform
Concen: 51.207 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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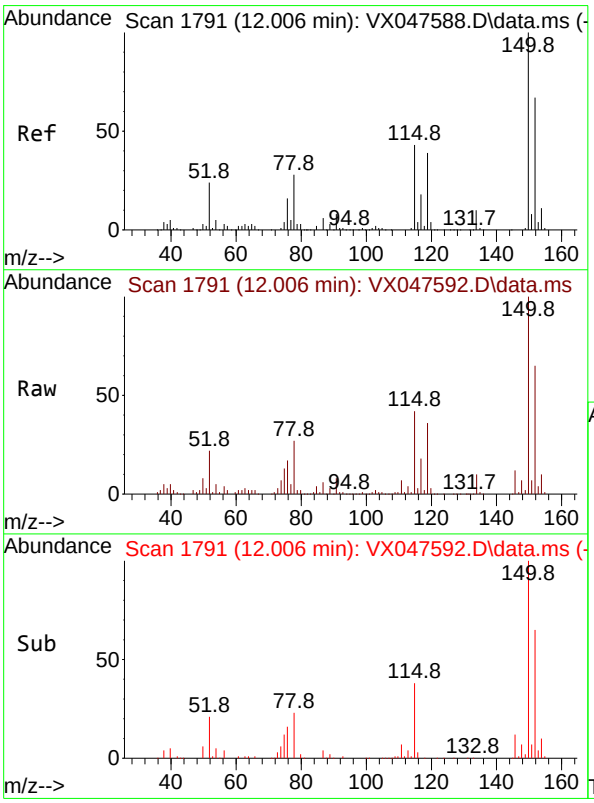
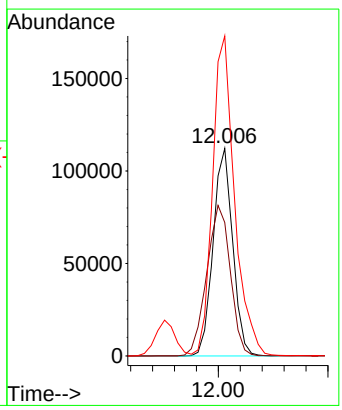
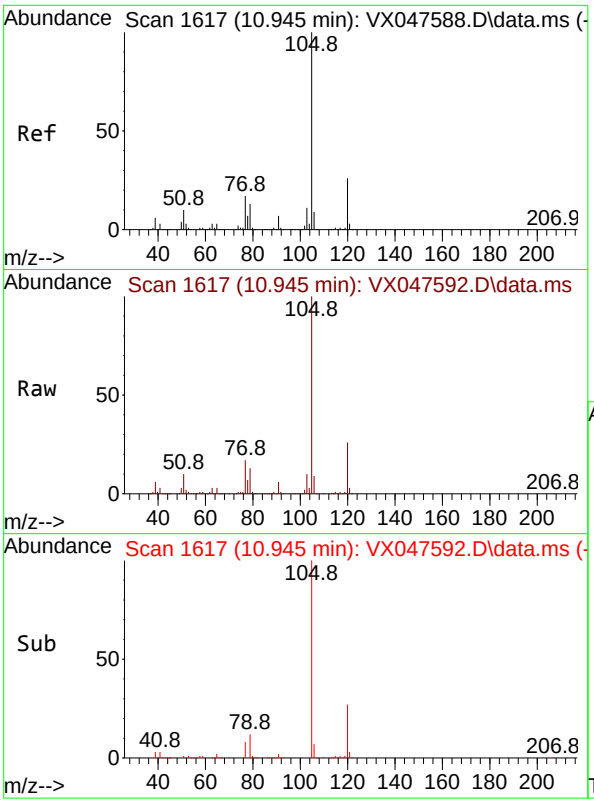


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

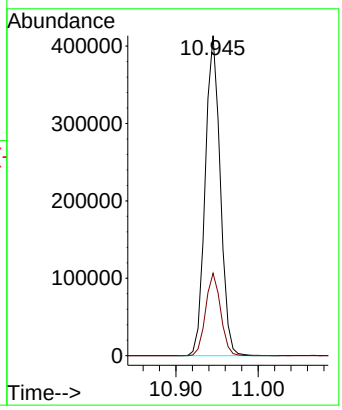




#73
Isopropylbenzene
Concen: 49.479 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 52382

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
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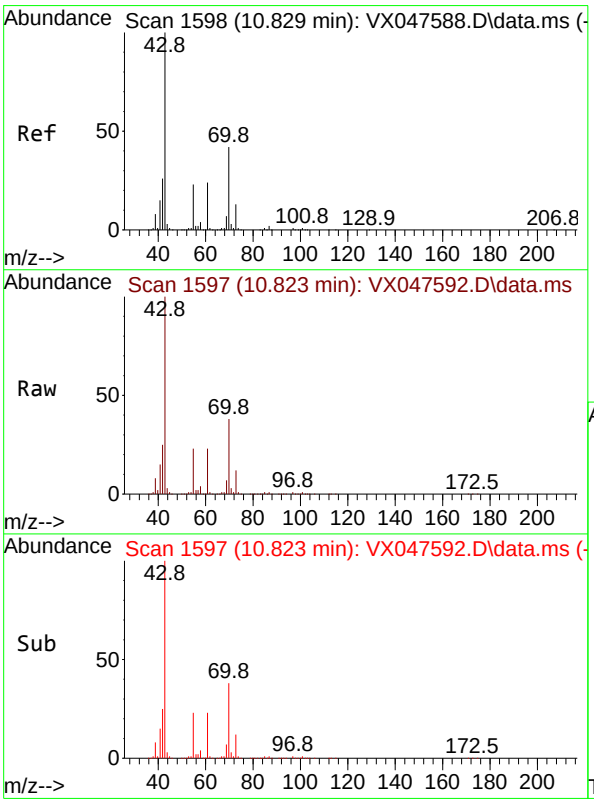
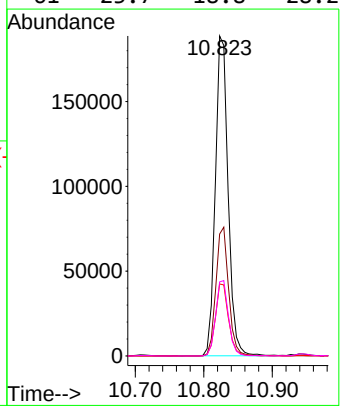
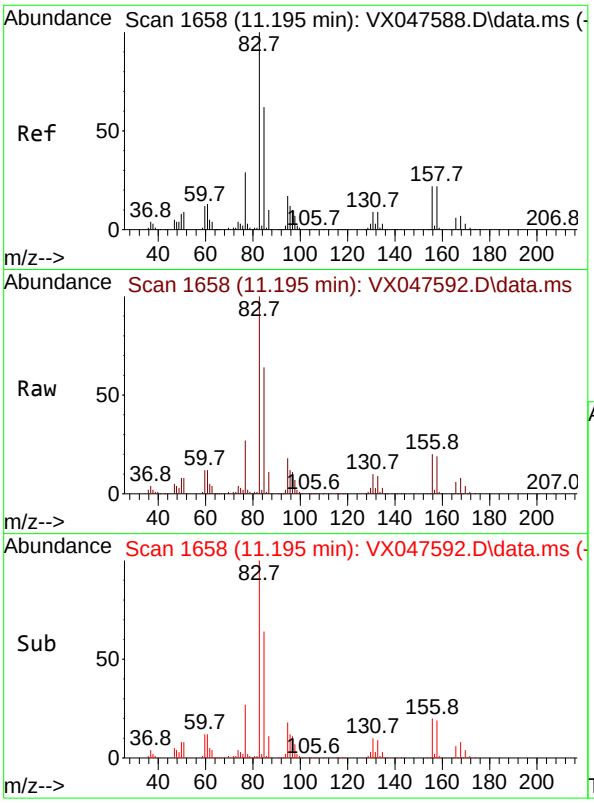


#74
N-amyl acetate
Concen: 50.375 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

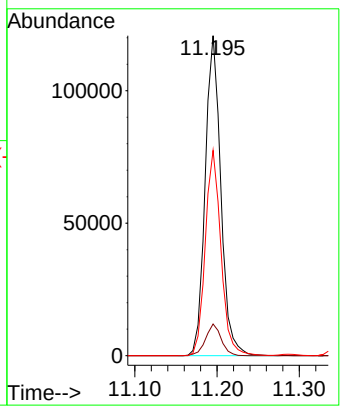




#75
1,1,2,2-Tetrachloroethane
Concen: 49.851 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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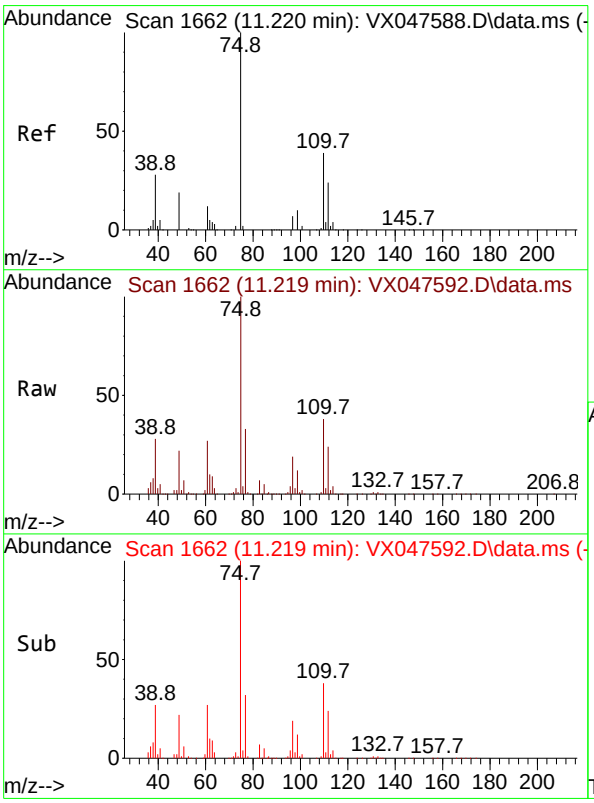
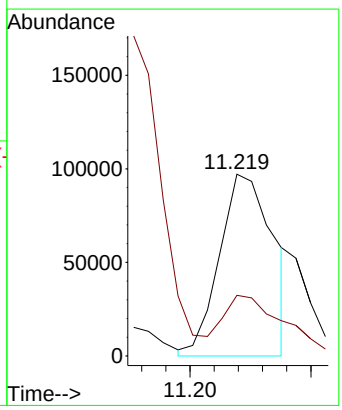
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

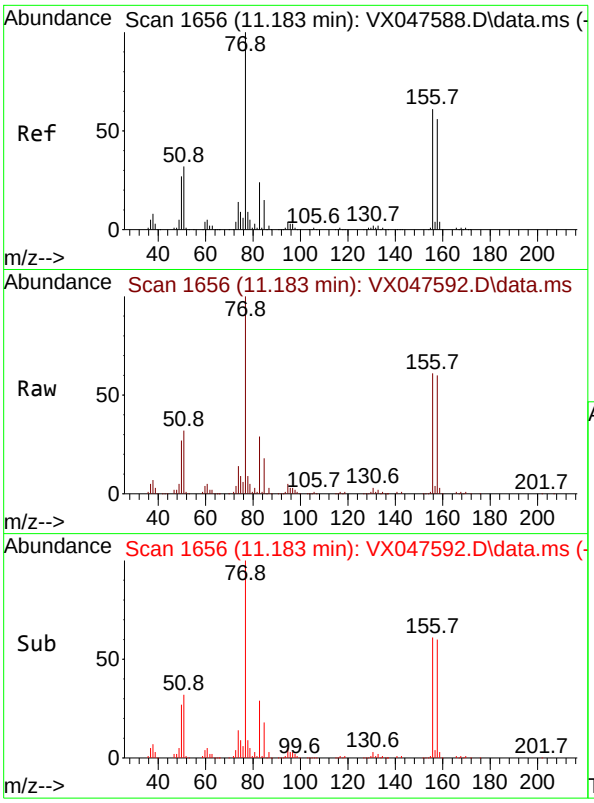


#76
1,2,3-Trichloropropane
Concen: 53.124 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 149779

Ion	Ratio	Lower	Upper
75	100		
77	38.0	18.8	56.4

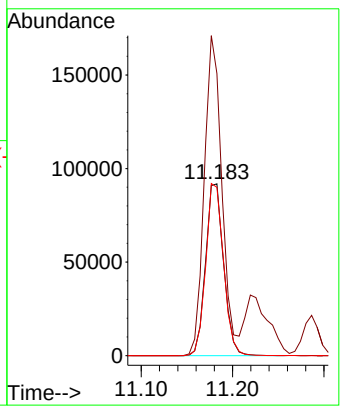




#77
Bromobenzene
Concen: 48.173 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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 :
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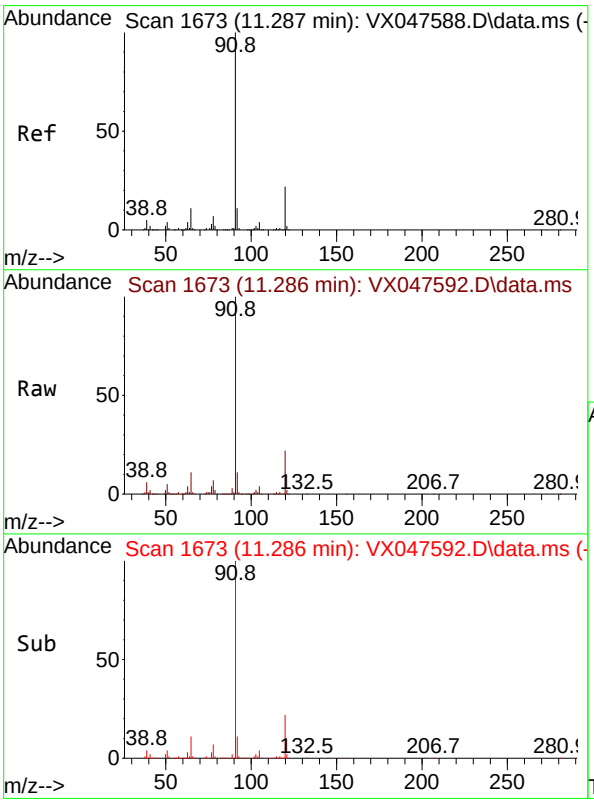
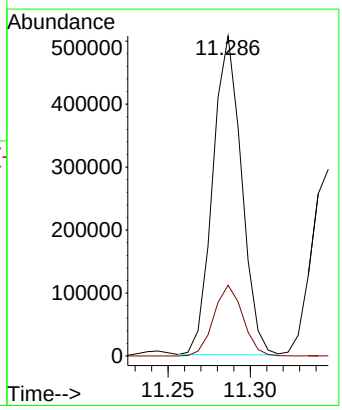
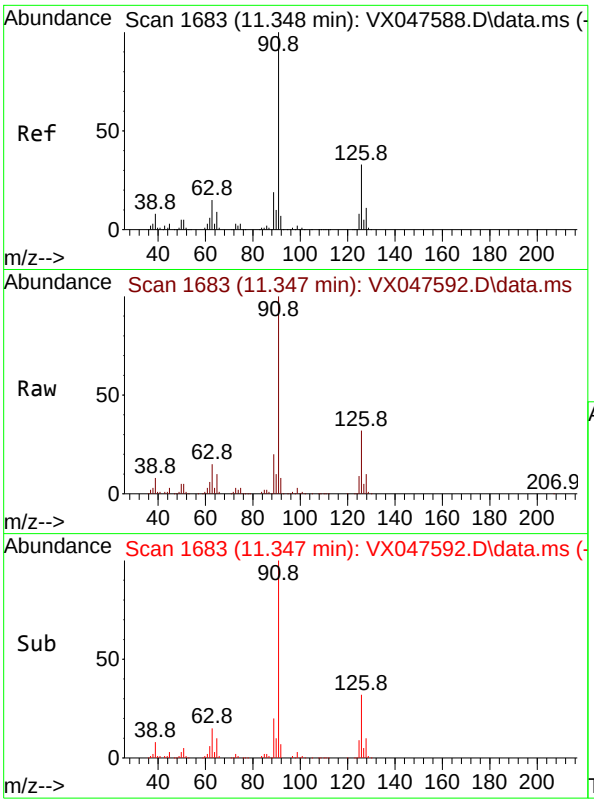


#78
n-propylbenzene
Concen: 49.295 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 616928

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

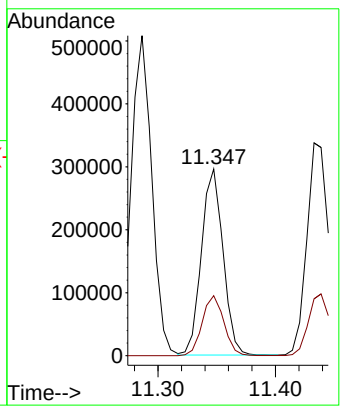




#79
2-Chlorotoluene
Concen: 49.117 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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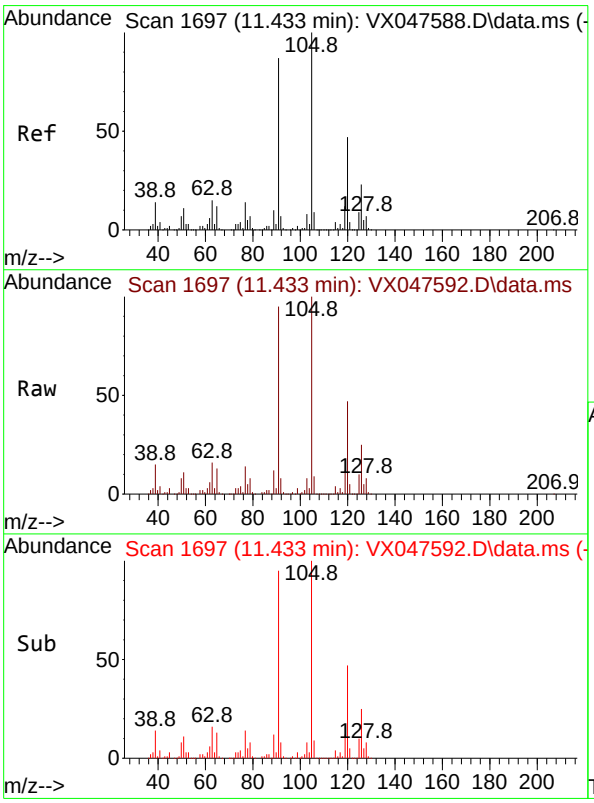
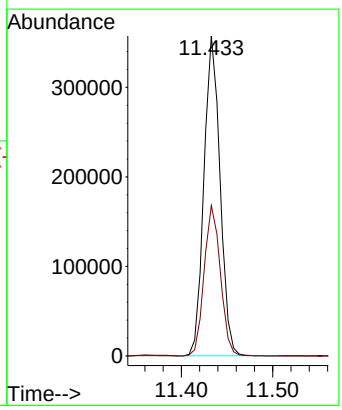
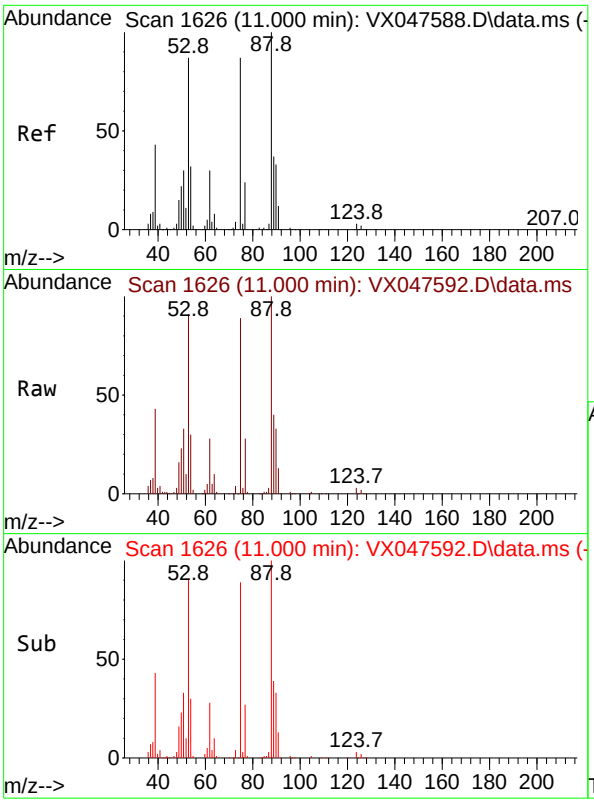


#80
1,3,5-Trimethylbenzene
Concen: 50.055 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 435375

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8

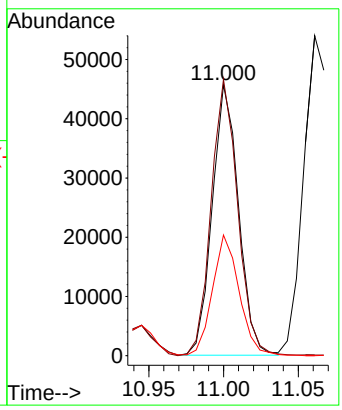




#81
trans-1,4-Dichloro-2-butene
Concen: 50.543 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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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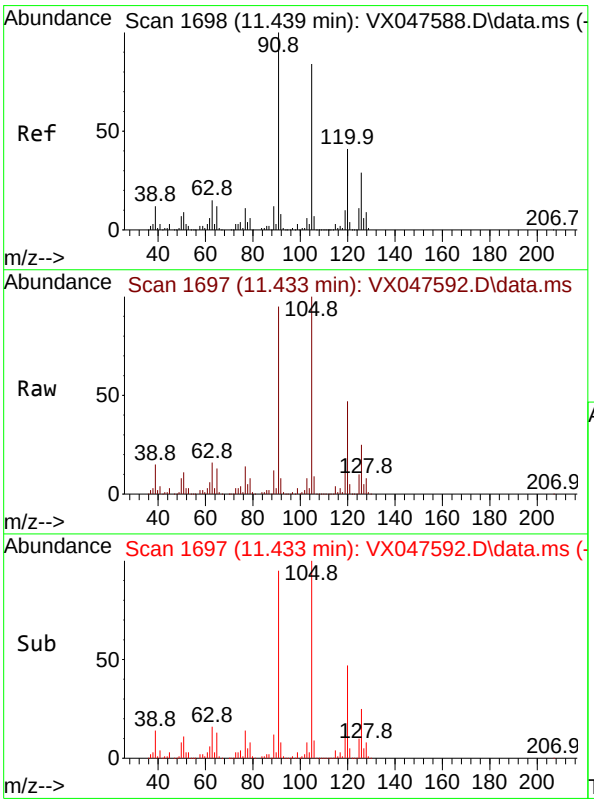
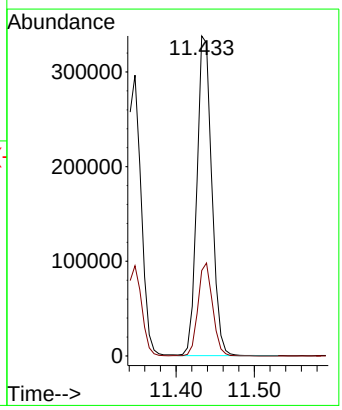
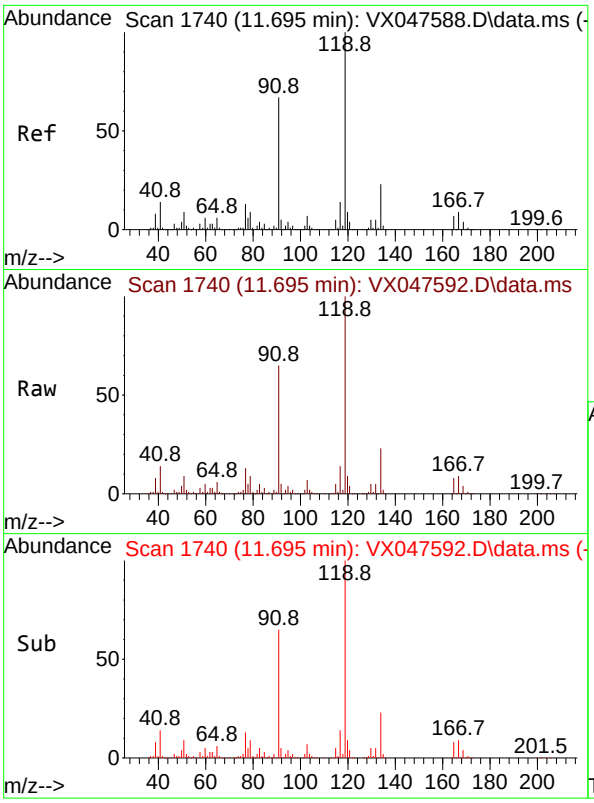


#82
4-Chlorotoluene
Concen: 49.164 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 445075

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

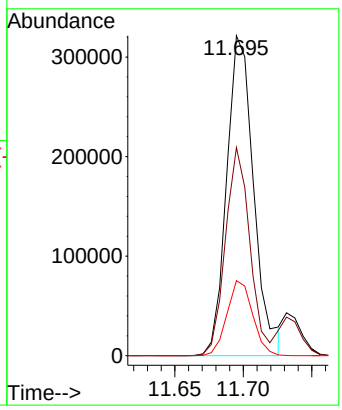




#83
tert-Butylbenzene
Concen: 49.679 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

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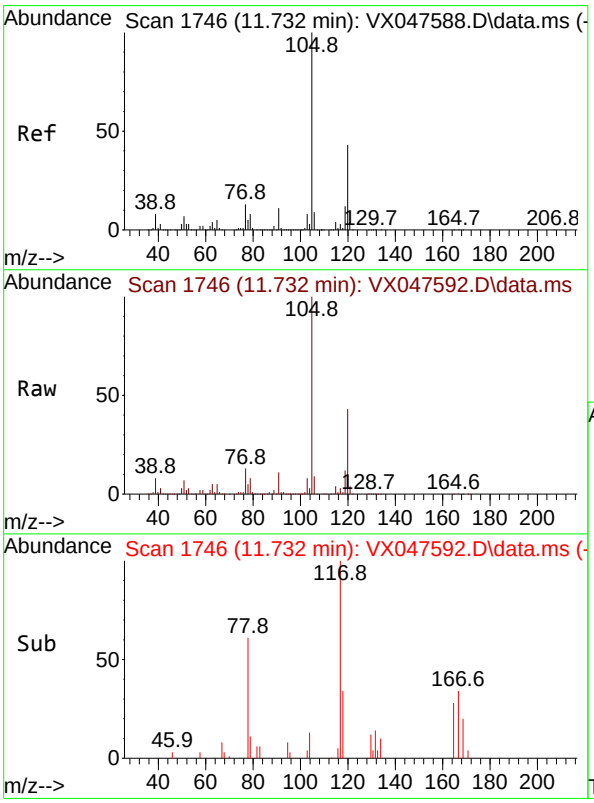
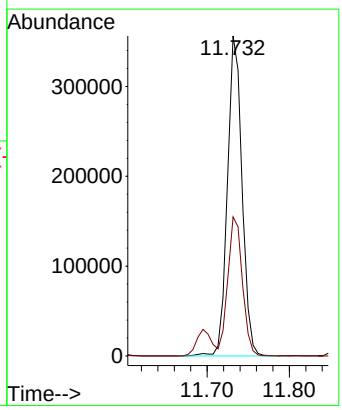
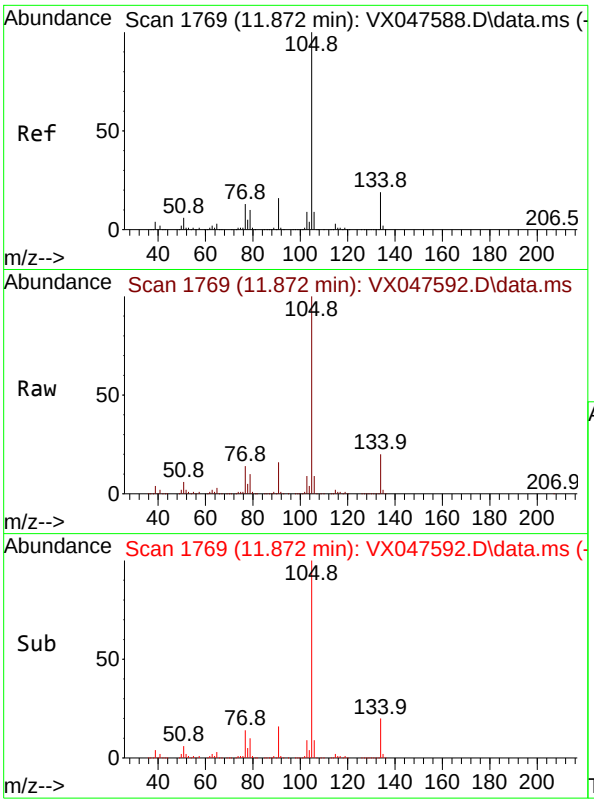


#84
1,2,4-Trimethylbenzene
Concen: 49.911 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 440134

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.1

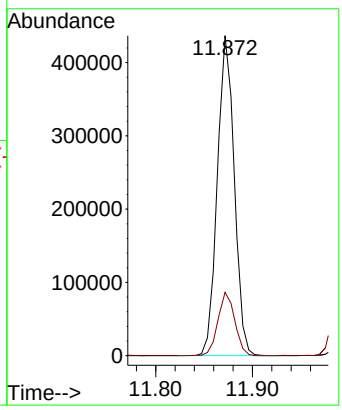




#85
sec-Butylbenzene
Concen: 50.100 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 52986

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

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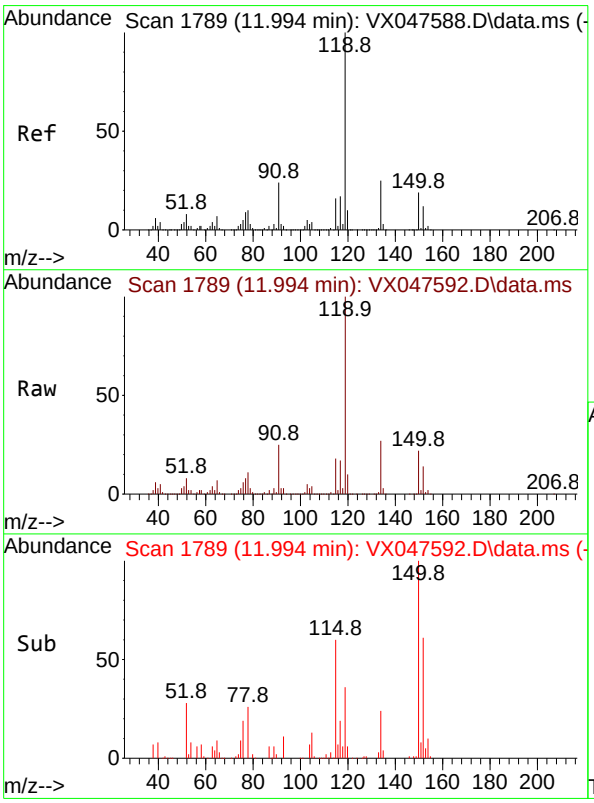
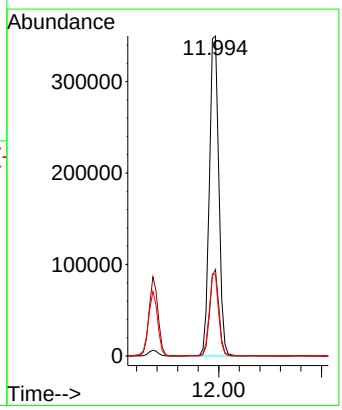
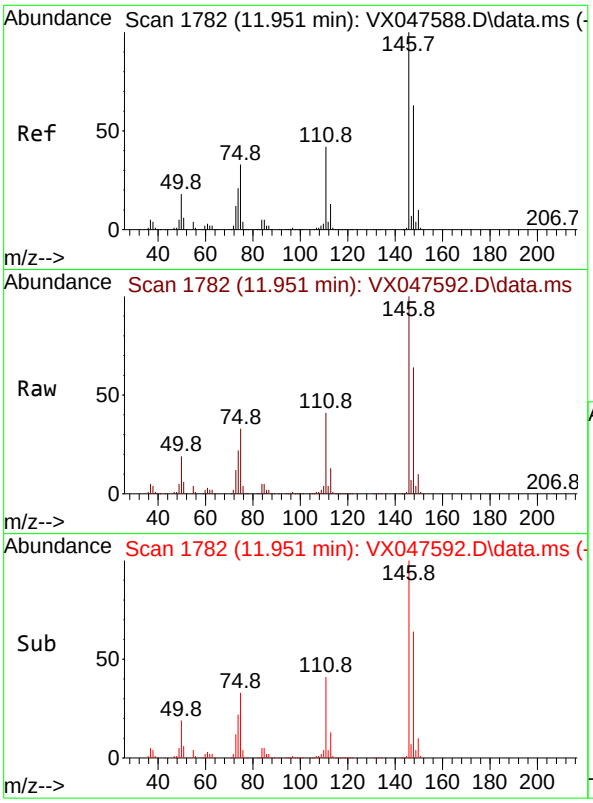


#86
p-Isopropyltoluene
Concen: 49.861 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

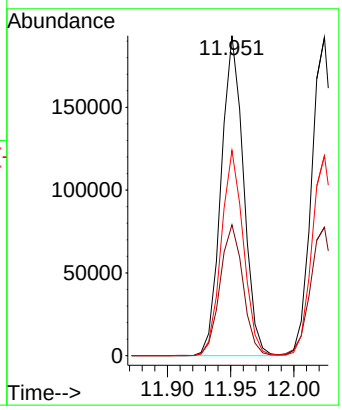




#87
1,3-Dichlorobenzene
Concen: 49.014 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

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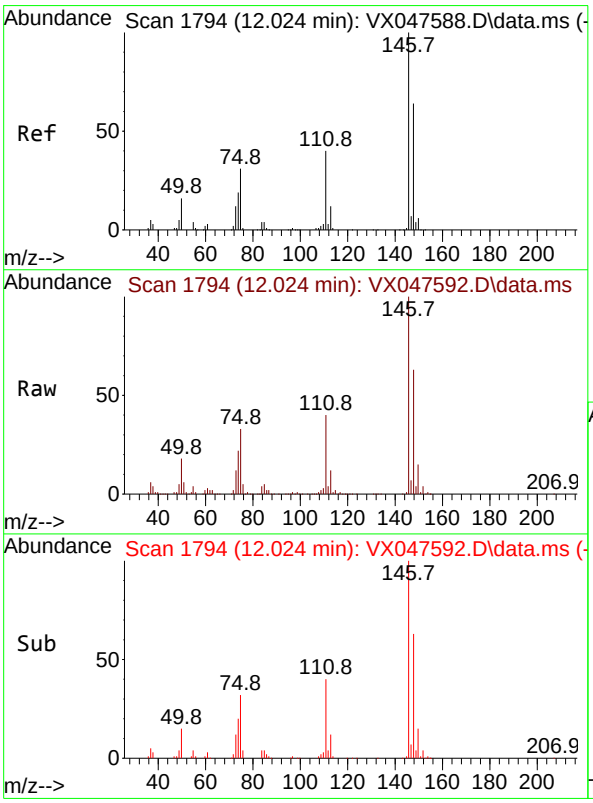
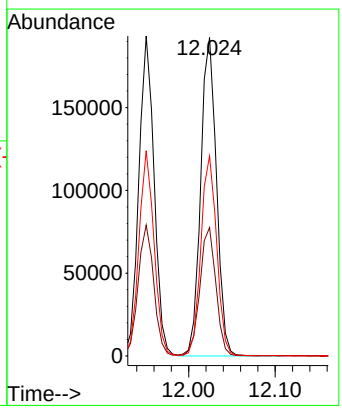
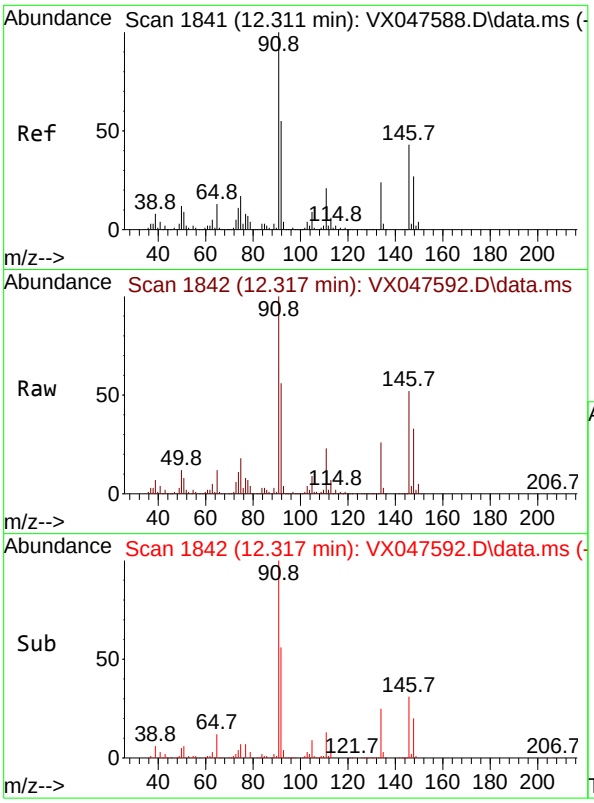


#88
1,4-Dichlorobenzene
Concen: 49.011 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

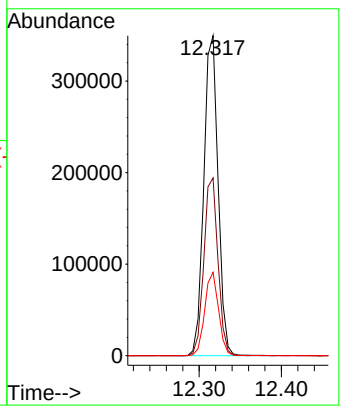




#89
n-Butylbenzene
Concen: 50.752 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

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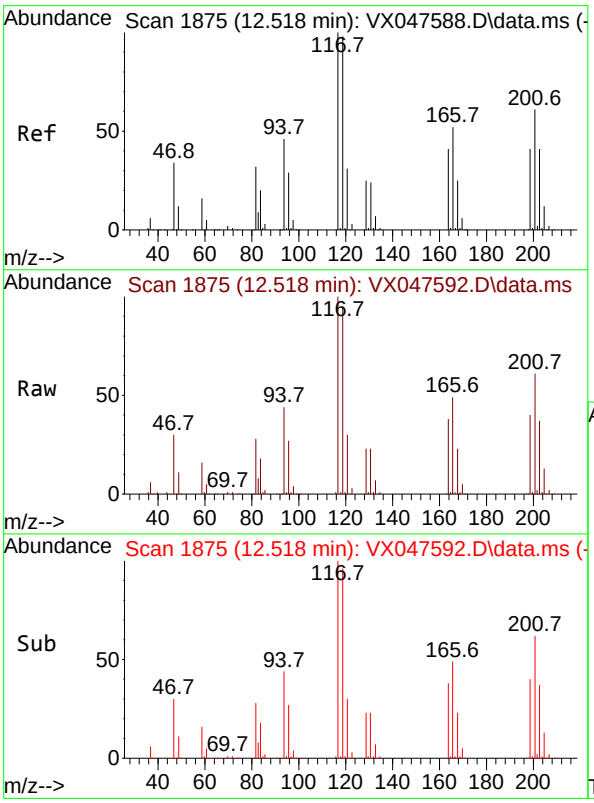
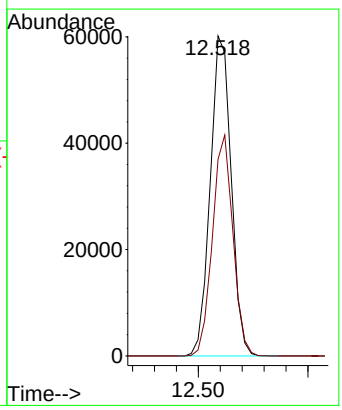
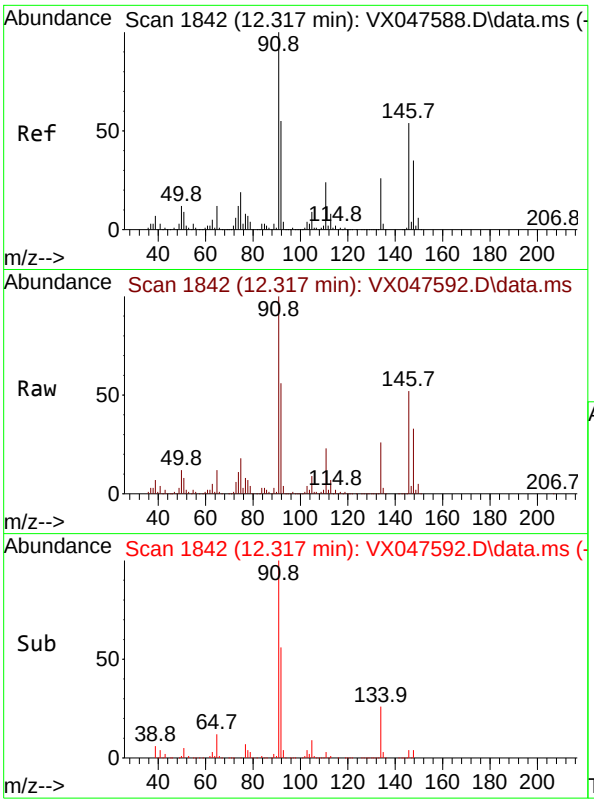


#90
Hexachloroethane
Concen: 50.732 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 79751

Ion	Ratio	Lower	Upper
117	100		
201	67.7	34.2	102.5

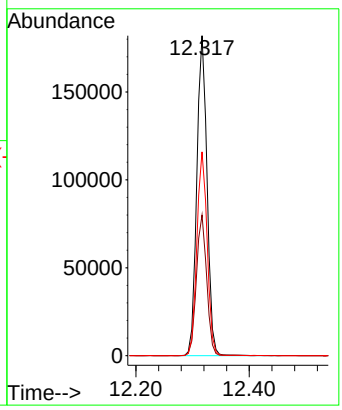




#91
1,2-Dichlorobenzene
Concen: 49.304 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

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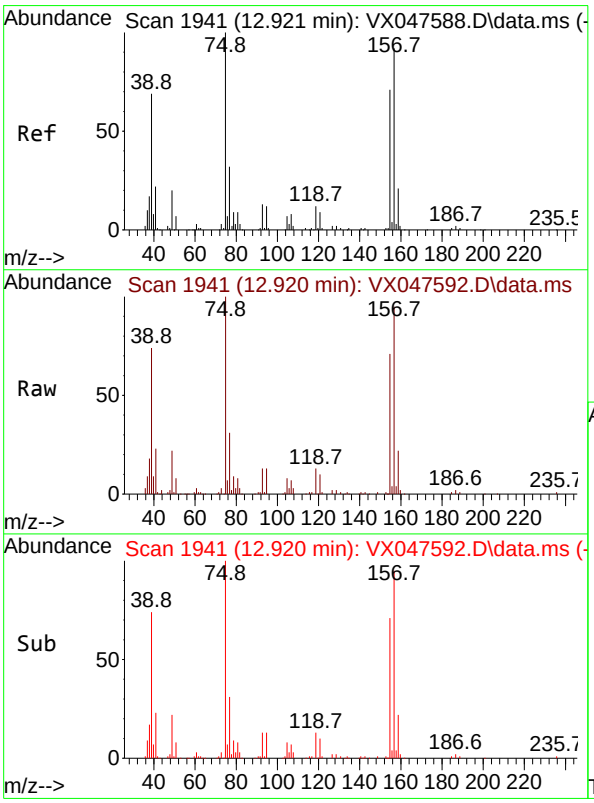
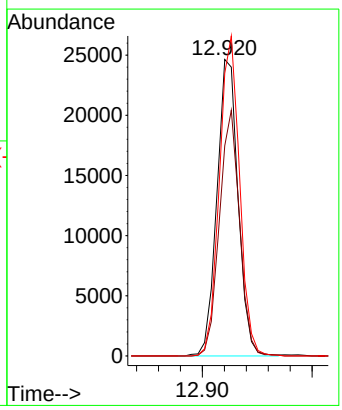
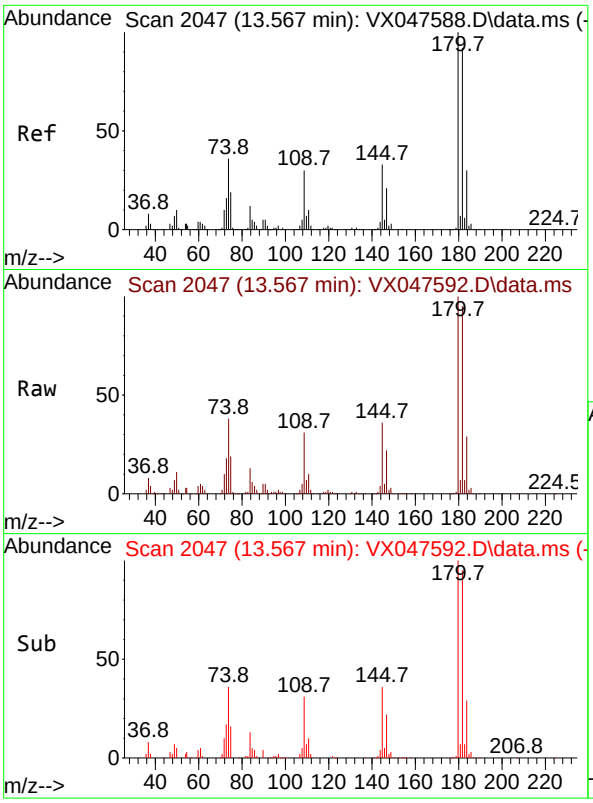


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.918 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

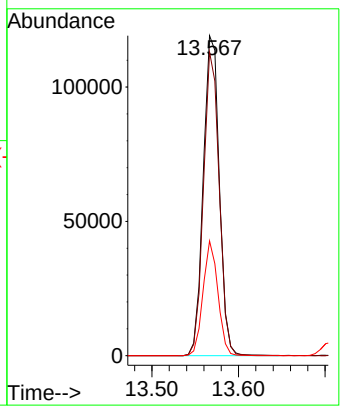




#93
1,2,4-Trichlorobenzene
Concen: 51.133 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:180 Resp: 15333

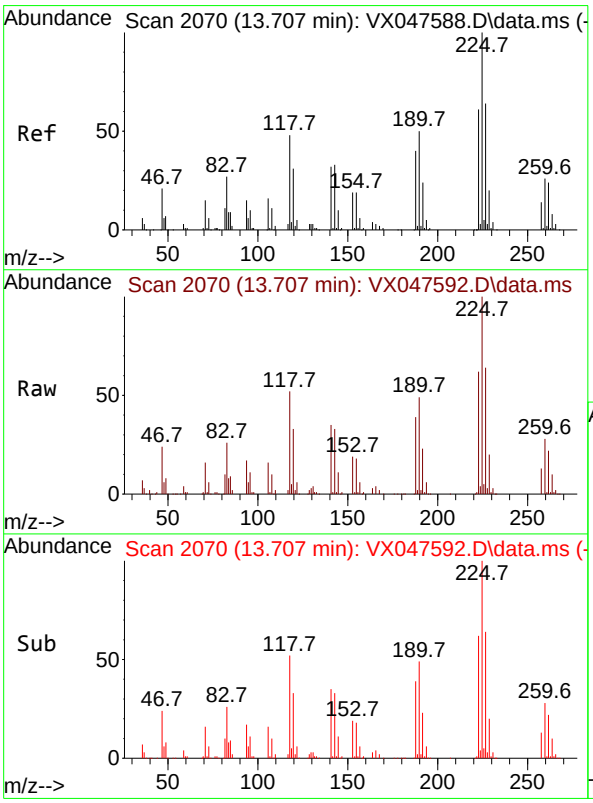
Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.8
145	33.3	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

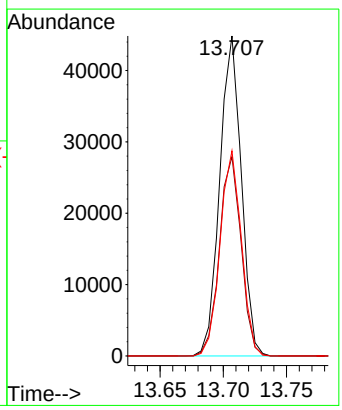
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025

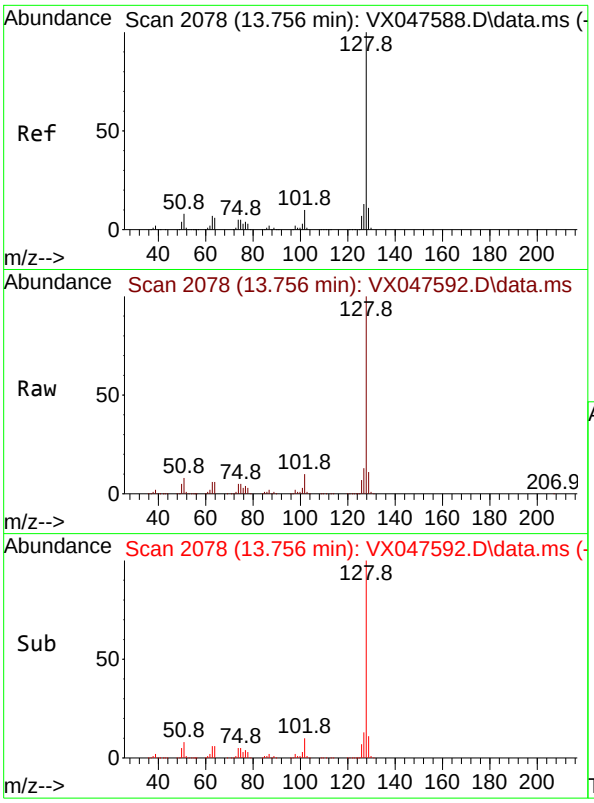


#94
Hexachlorobutadiene
Concen: 52.131 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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

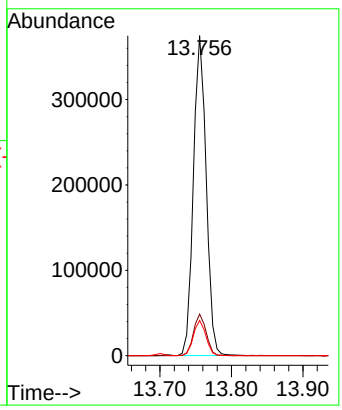




#95
Naphthalene
Concen: 50.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:128 Resp: 46420

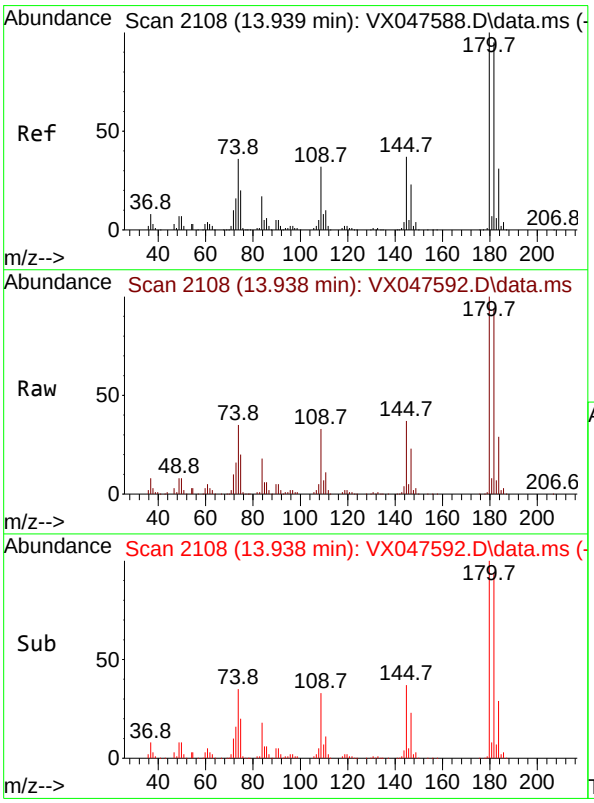
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Manual Integrations APPROVED

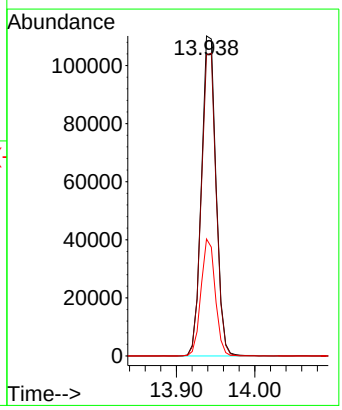
Reviewed By :John Carlone 09/17/2025
Supervised By :Mahesh Dadoda 09/18/2025



#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

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 CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	TETR06
Lab Code:	ACE	SDG No.:	Q3324
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:	TETR06
Lab Code:	ACE	SDG No.:	Q3324
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

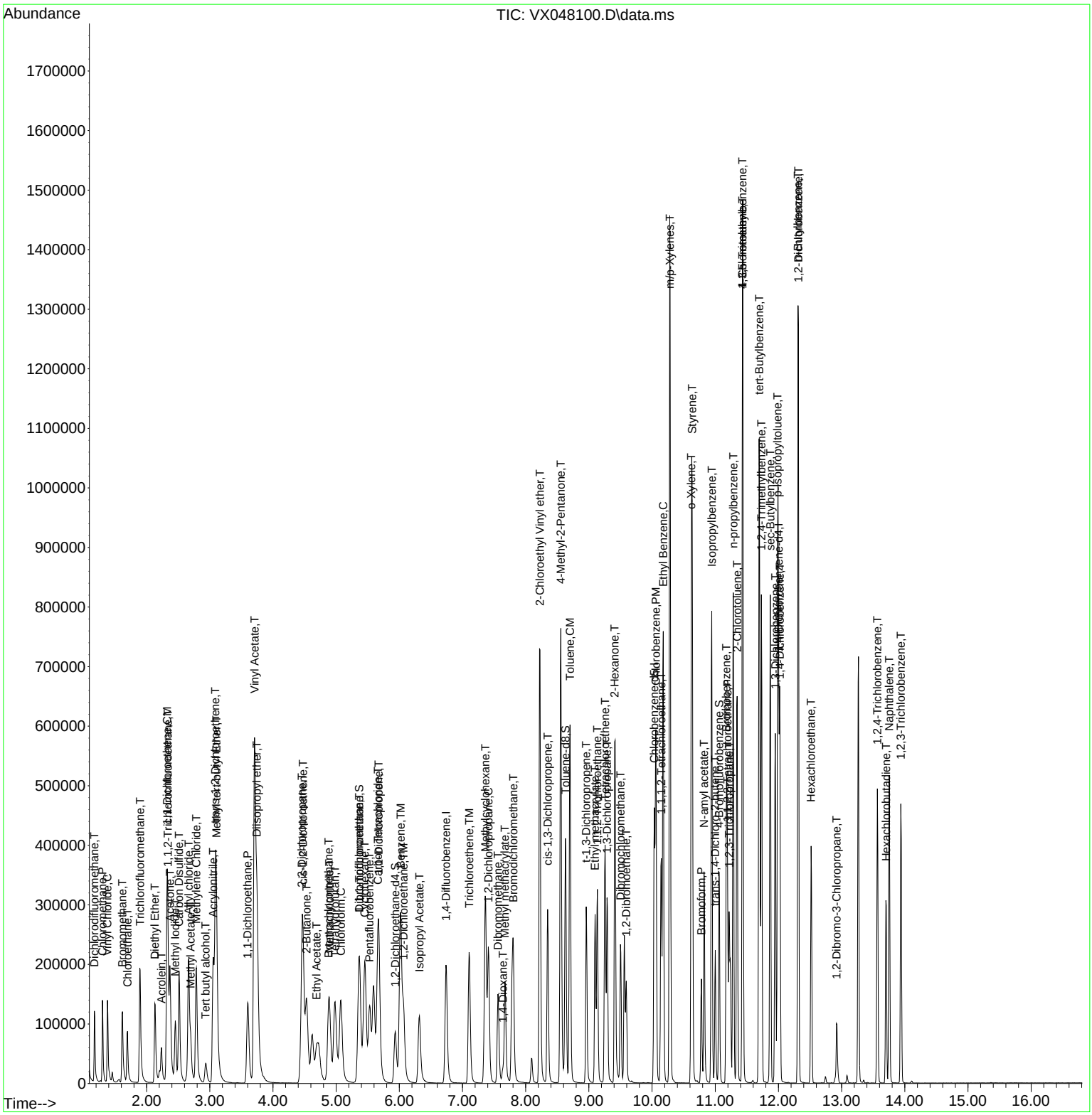
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048100.D
Acq On : 10 Oct 2025 10:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

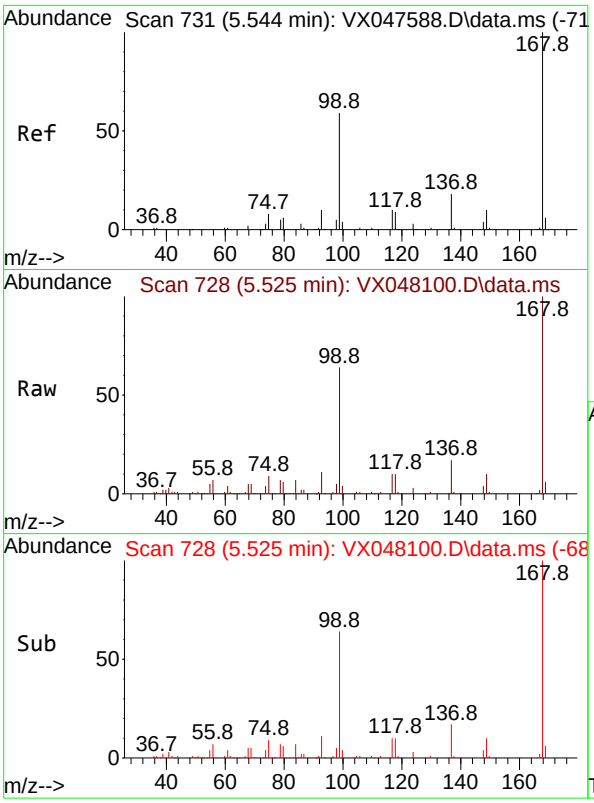
Quant Time: Oct 10 22:53:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

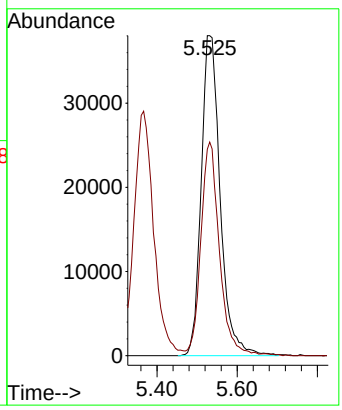




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 7
Delta R.T. -0.019 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:168 Resp: 12491

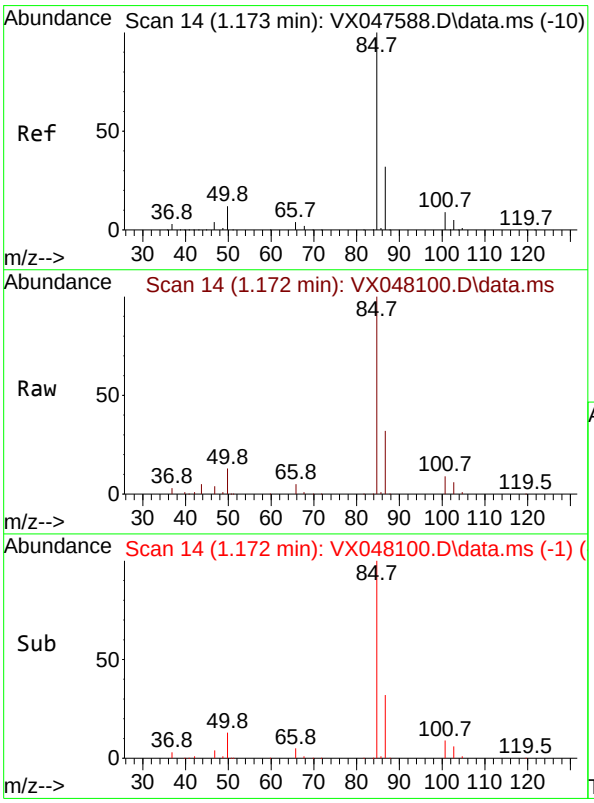
Ion	Ratio	Lower	Upper
168	100		
99	64.1	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

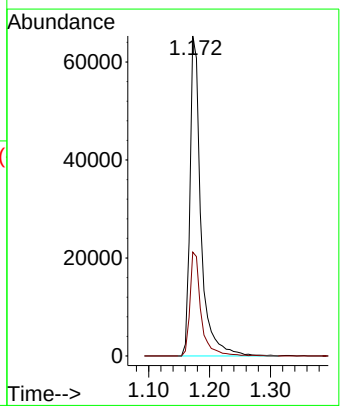
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

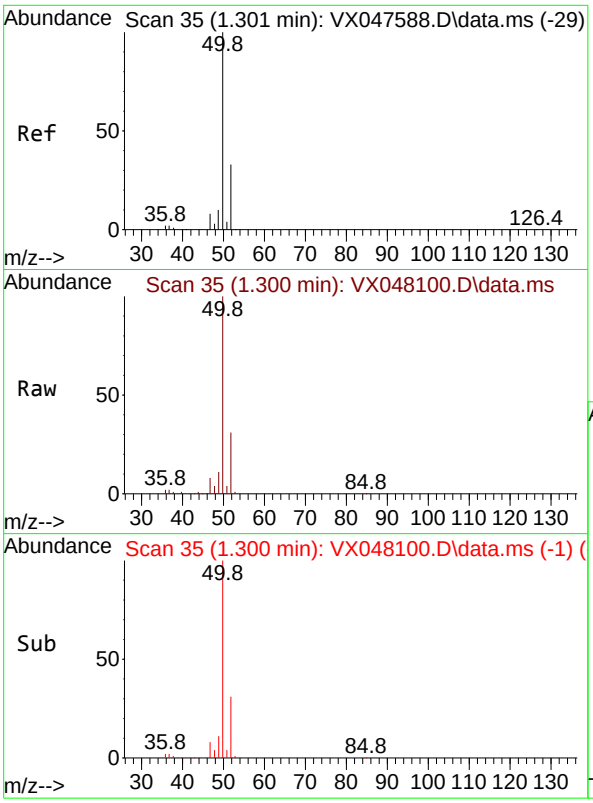


#2
Dichlorodifluoromethane
Concen: 62.704 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 85 Resp: 81109

Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.8	47.3

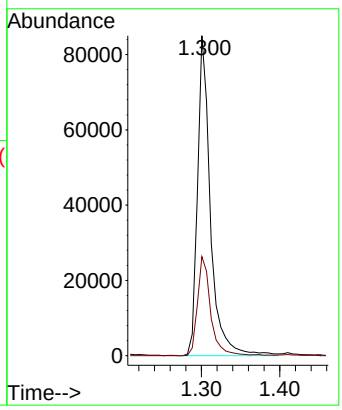




#3
Chloromethane
Concen: 57.574 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 50 Resp: 9787

Ion	Ratio	Lower	Upper
50	100		
52	31.0	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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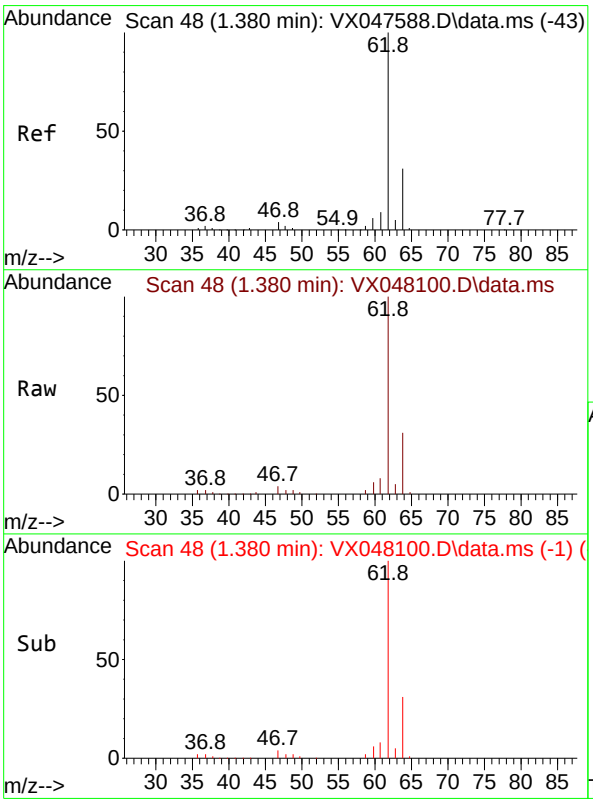
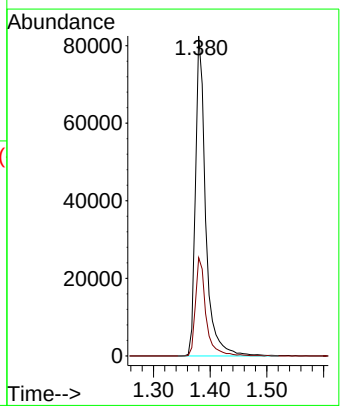
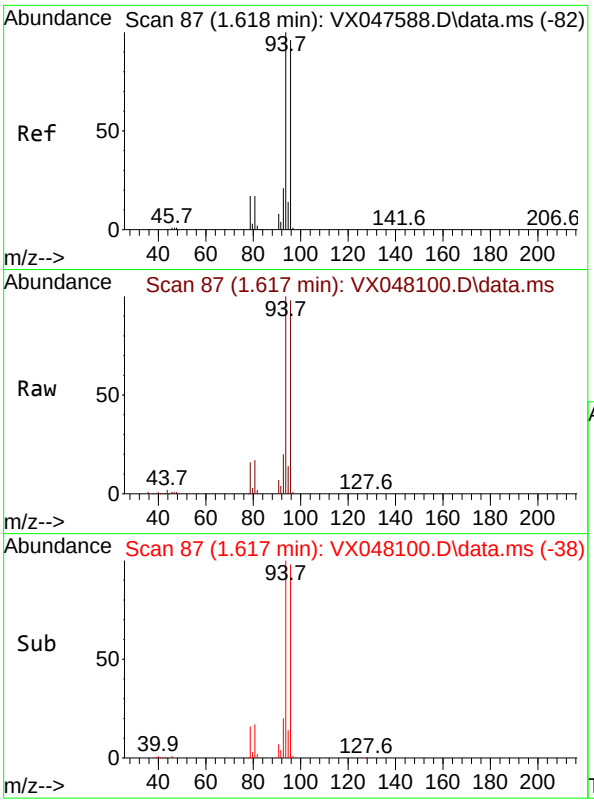


#4
Vinyl Chloride
Concen: 61.811 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 62 Resp: 102862

Ion	Ratio	Lower	Upper
62	100		
64	30.7	24.9	37.3

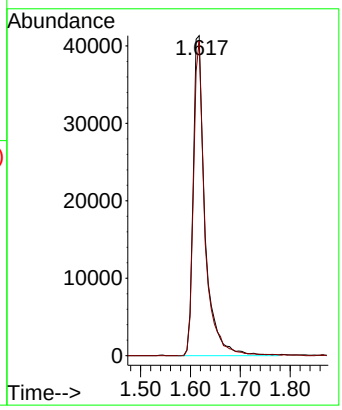




#5
Bromomethane
Concen: 64.930 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 94 Resp: 6851

Ion	Ratio	Lower	Upper
94	100		
96	98.4	76.6	115.0



Instrument :
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ClientSampleId :
VSTDCCC050

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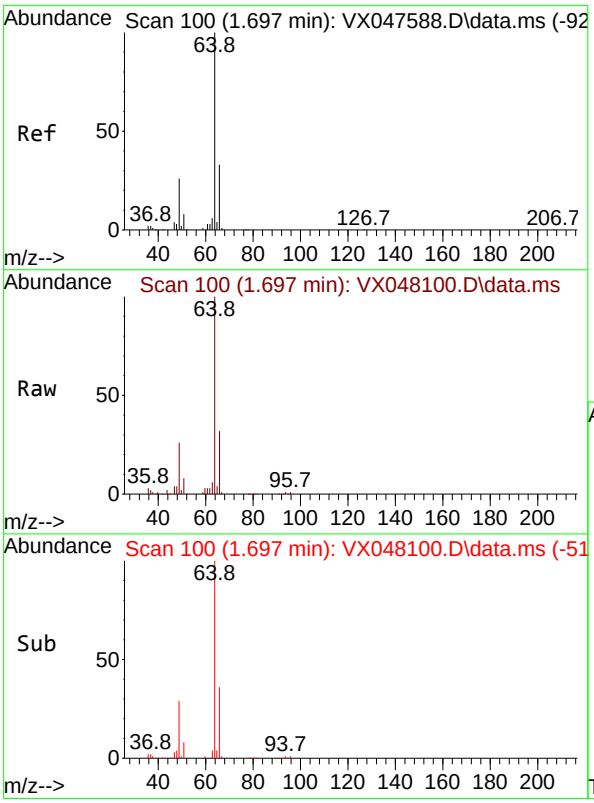
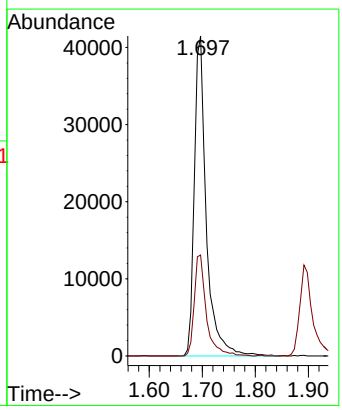
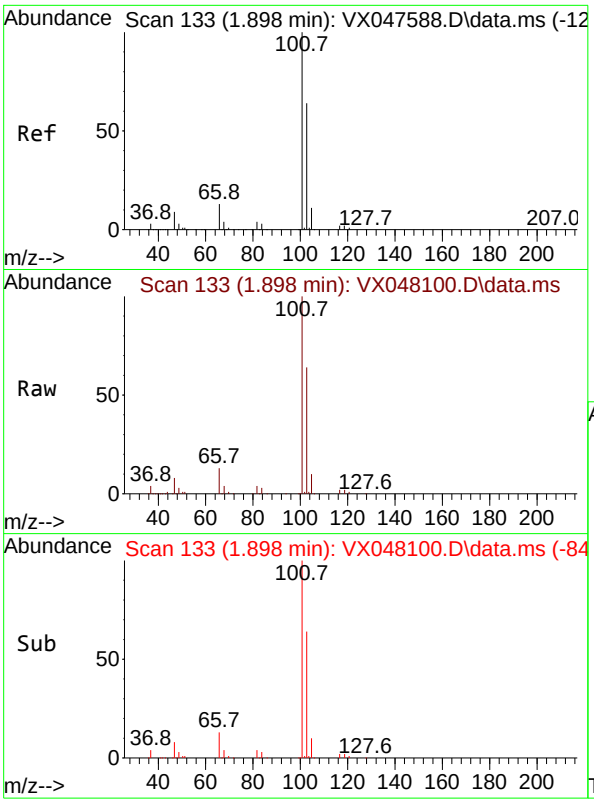


#6
Chloroethane
Concen: 58.479 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 64 Resp: 65044

Ion	Ratio	Lower	Upper
64	100		
66	31.6	26.1	39.1

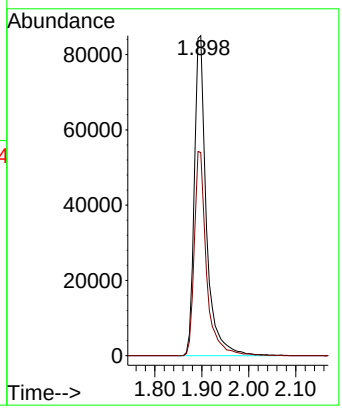




#7
Trichlorofluoromethane
Concen: 61.671 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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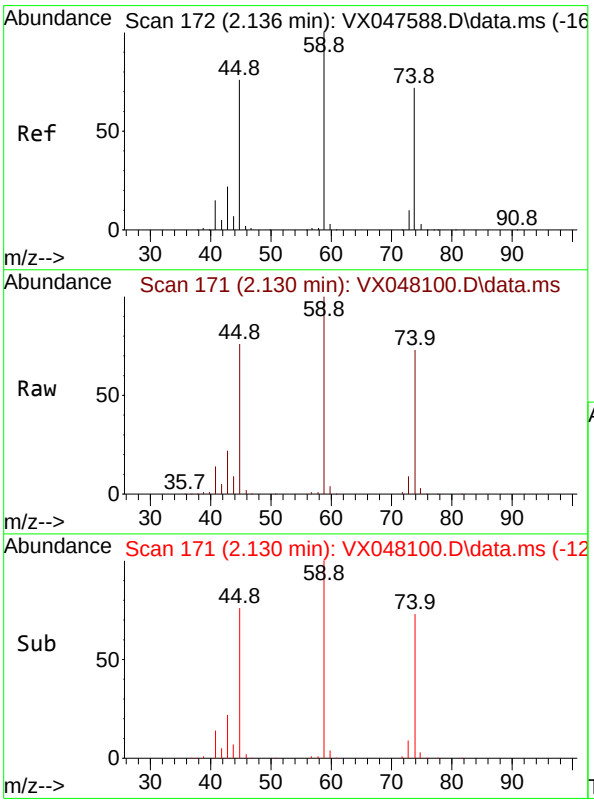
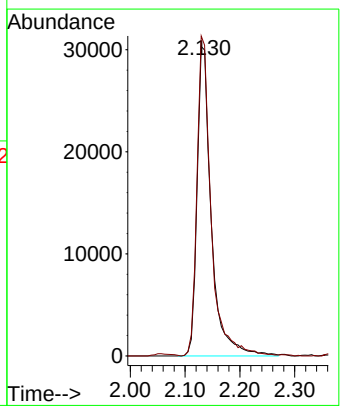
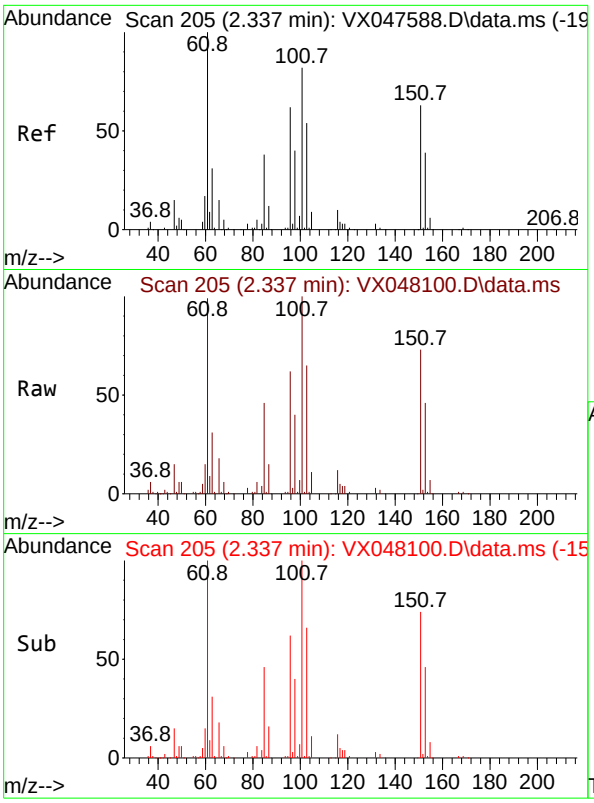


#8
Diethyl Ether
Concen: 54.366 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 74 Resp: 54952

Ion	Ratio	Lower	Upper
74	100		
45	103.0	52.3	156.8

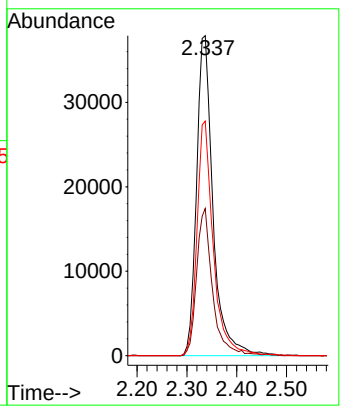




#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.150 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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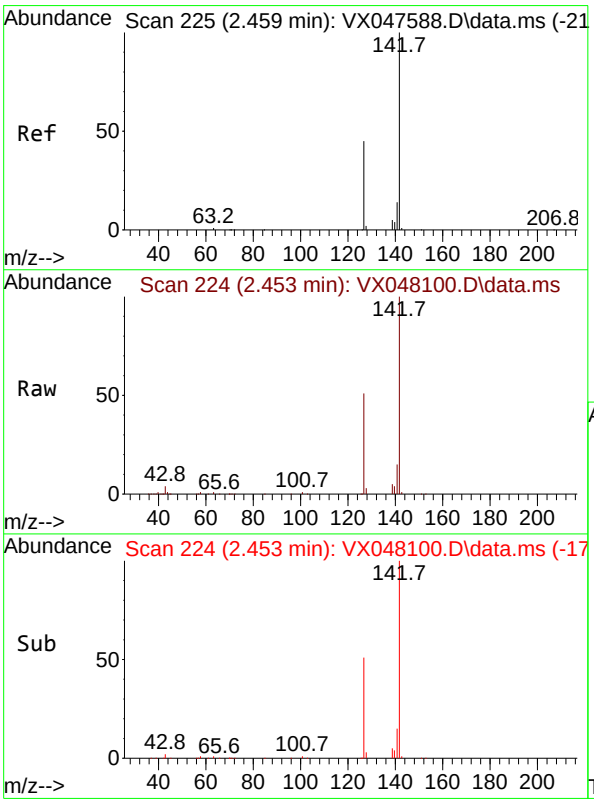
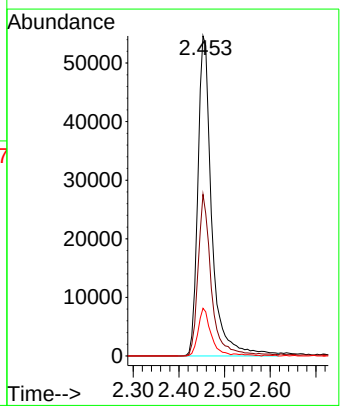
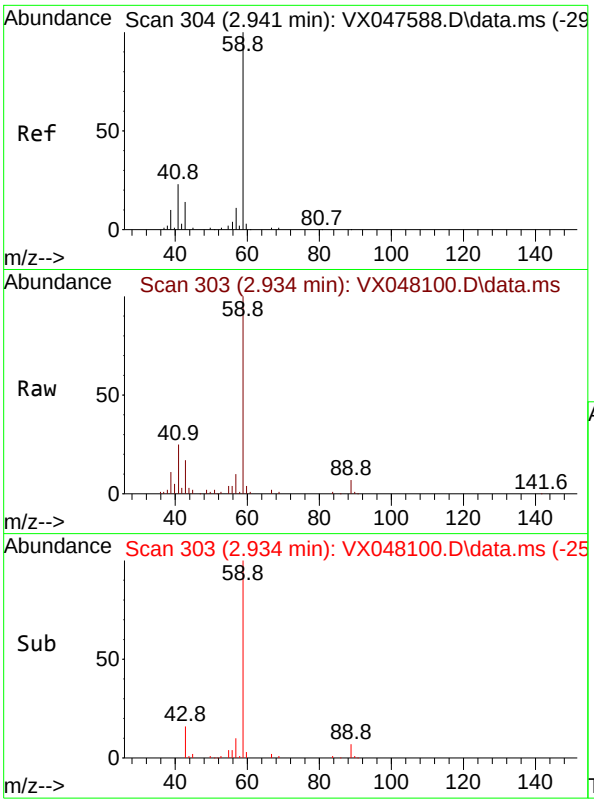


#10
Methyl Iodide
Concen: 51.534 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

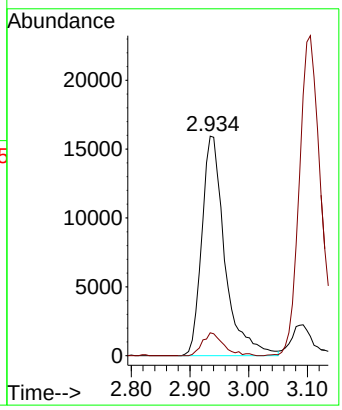




#11
Tert butyl alcohol
Concen: 195.898 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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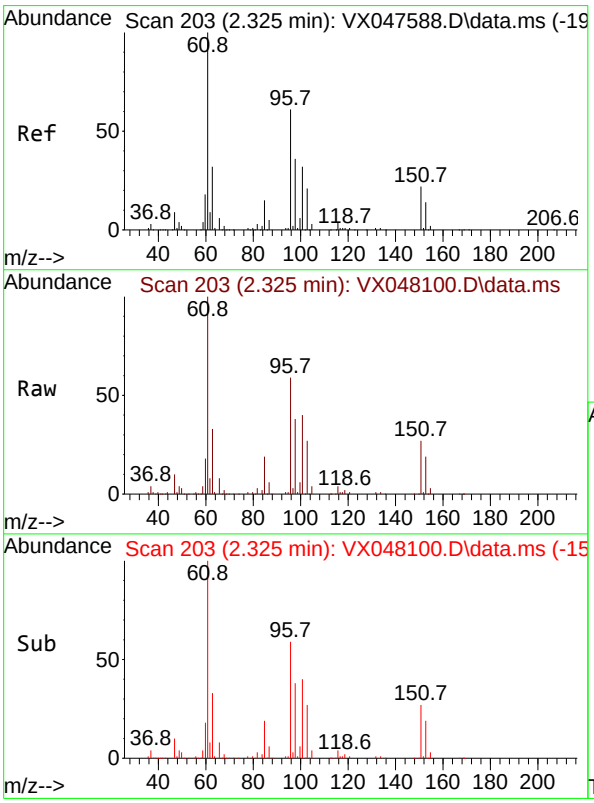
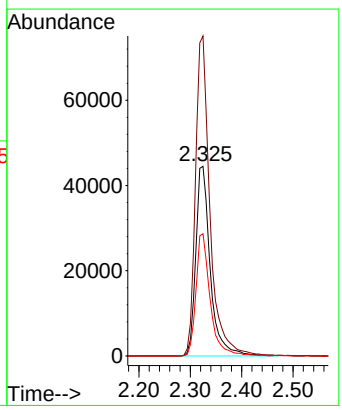
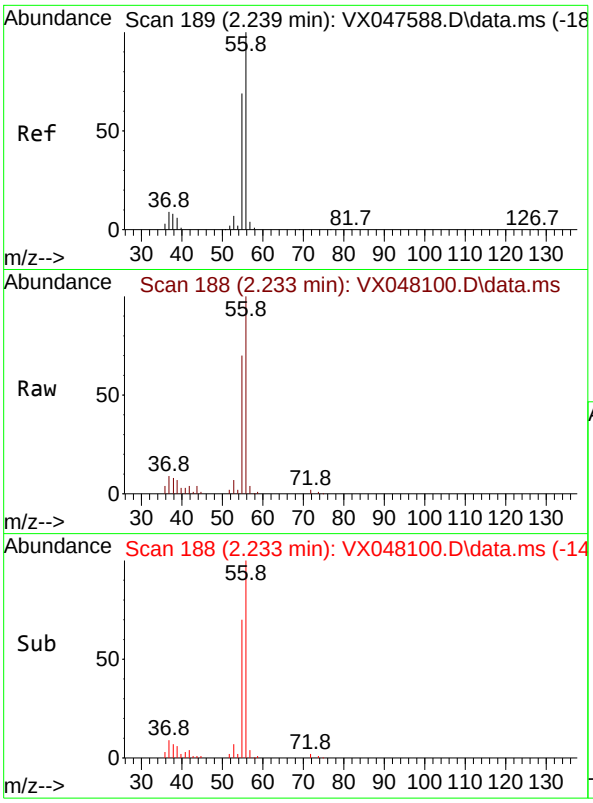


#12
1,1-Dichloroethene
Concen: 58.907 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

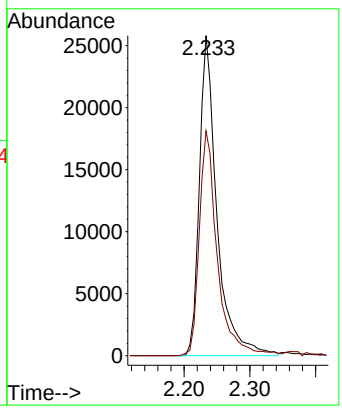




#13
Acrolein
Concen: 234.408 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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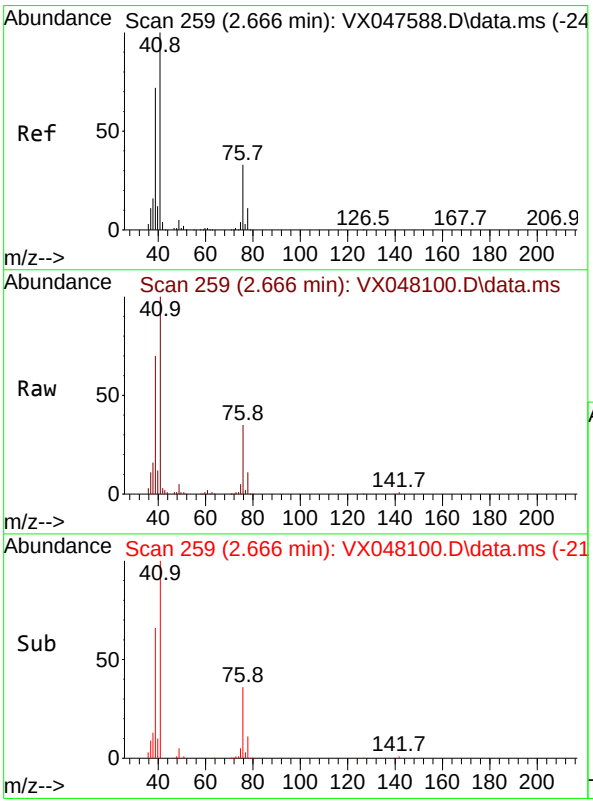
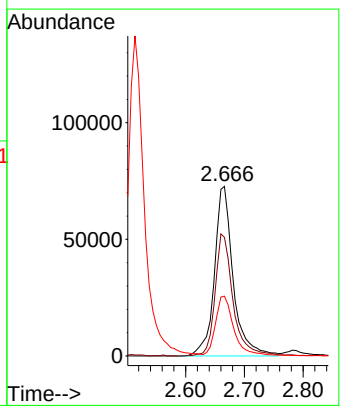
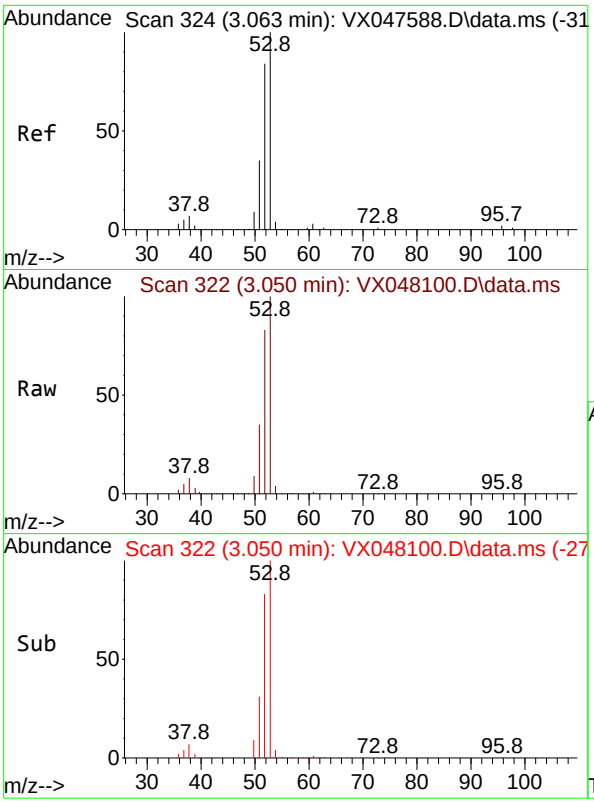


#14
Allyl chloride
Concen: 52.773 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

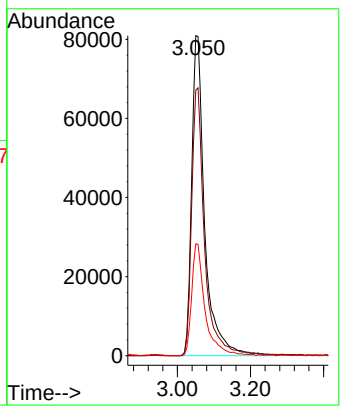




#15
Acrylonitrile
Concen: 246.526 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
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ClientSampleId :
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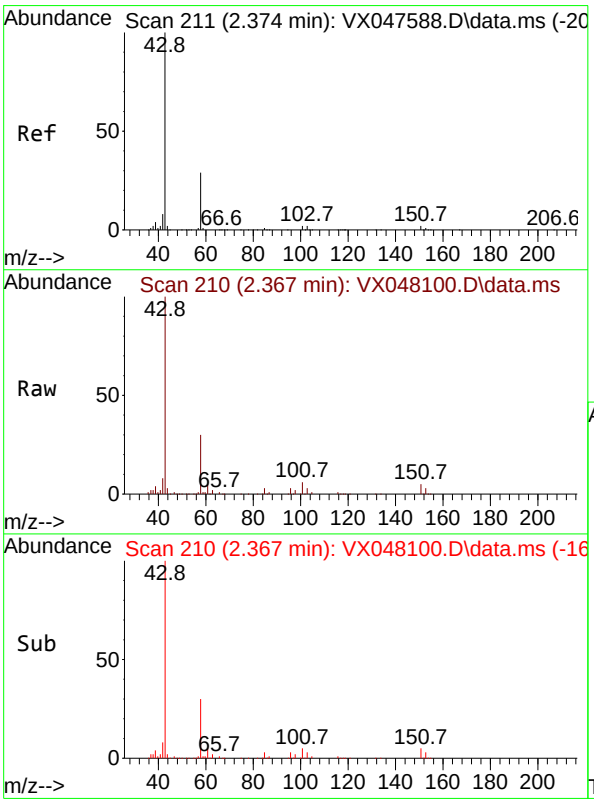
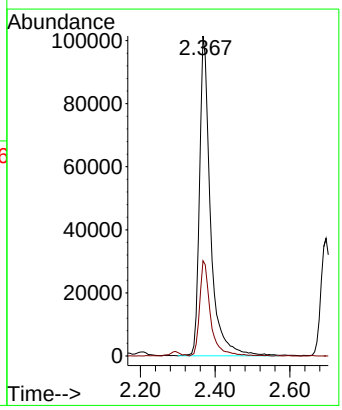
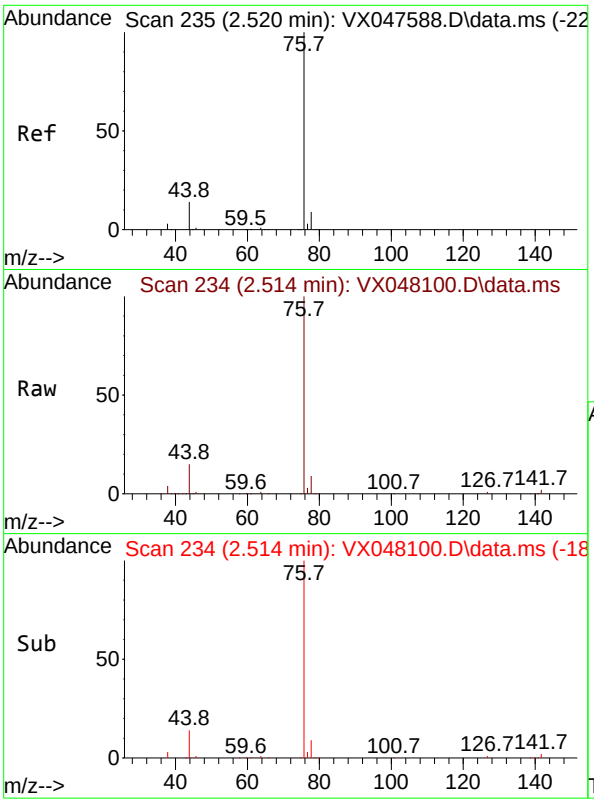


#16
Acetone
Concen: 237.922 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 205691

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.4	35.0

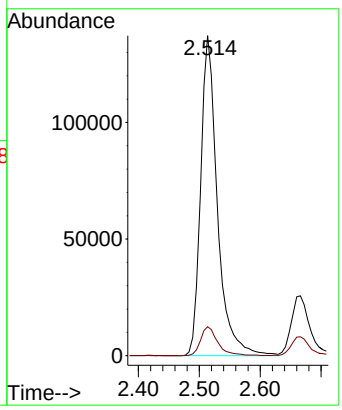




#17
Carbon Disulfide
Concen: 64.504 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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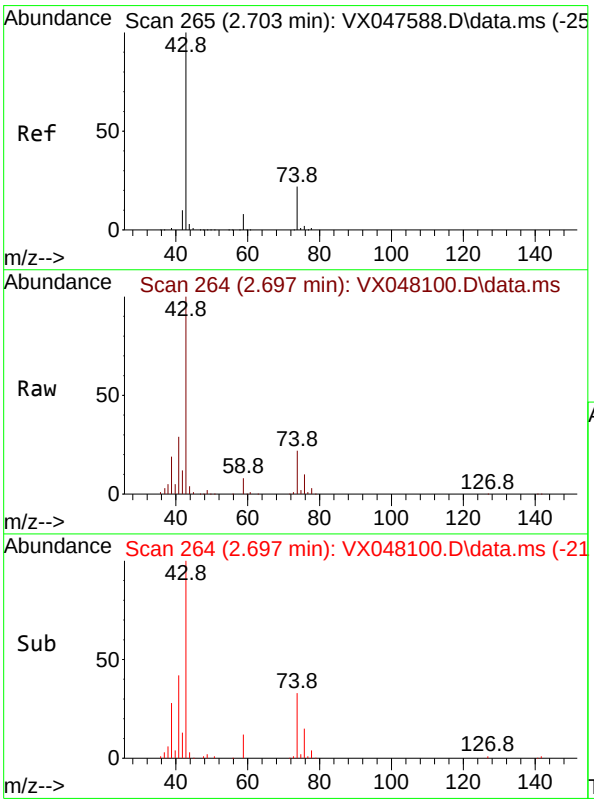
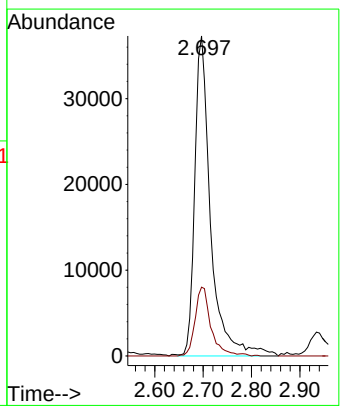
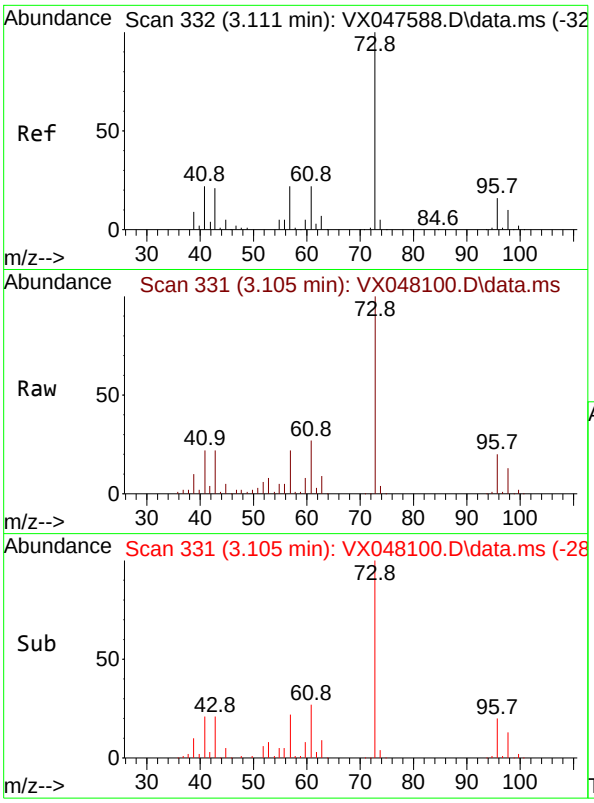


#18
Methyl Acetate
Concen: 44.124 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 84895

Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.4	26.2

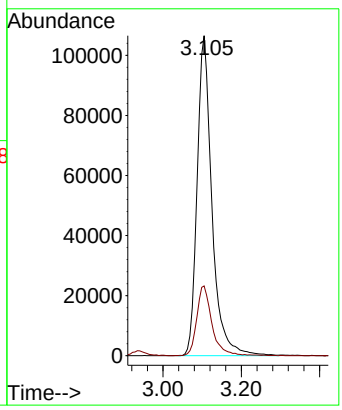




#19
Methyl tert-butyl Ether
Concen: 51.761 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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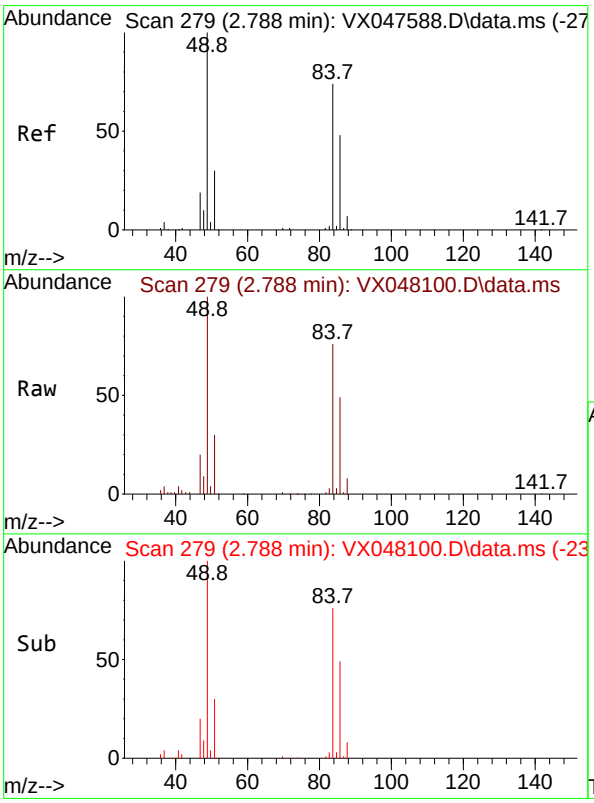
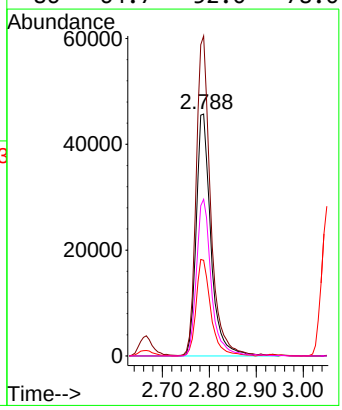
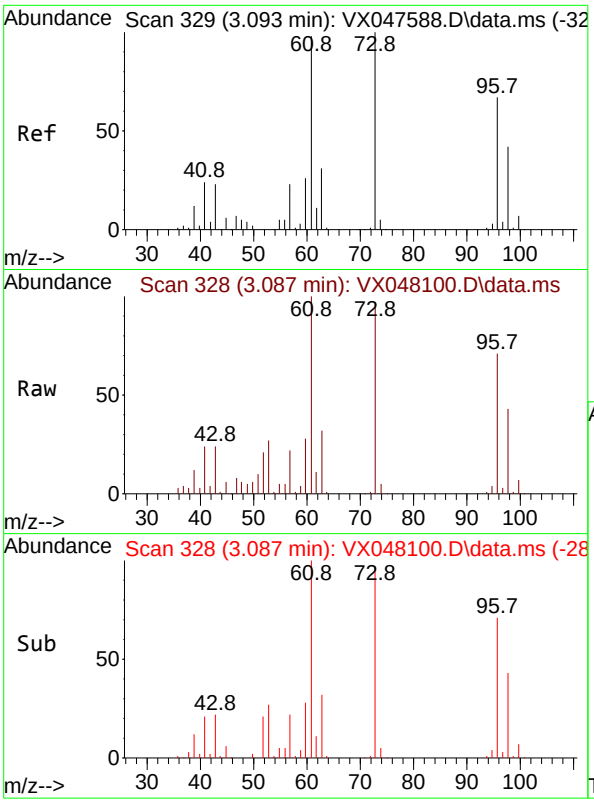


#20
Methylene Chloride
Concen: 54.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

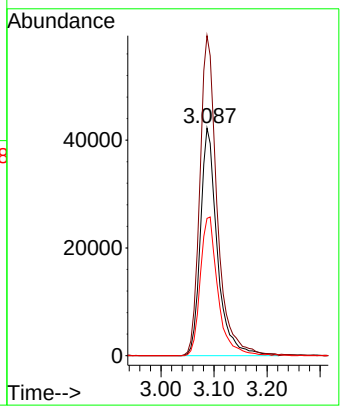




#21
trans-1,2-Dichloroethene
Concen: 58.612 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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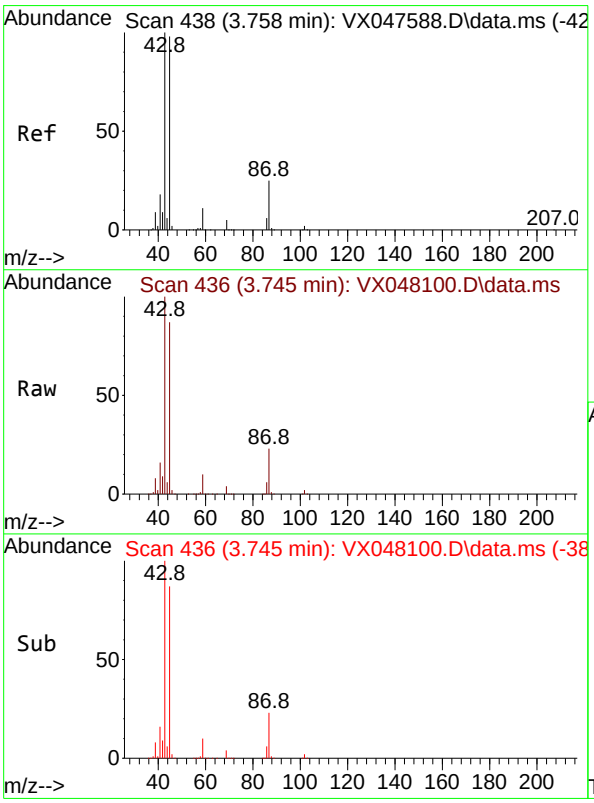
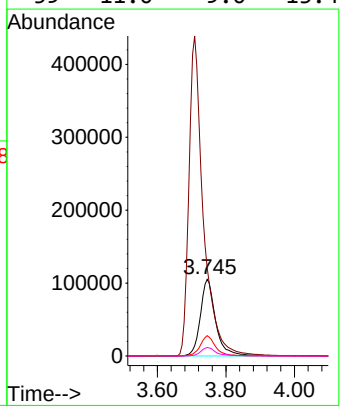
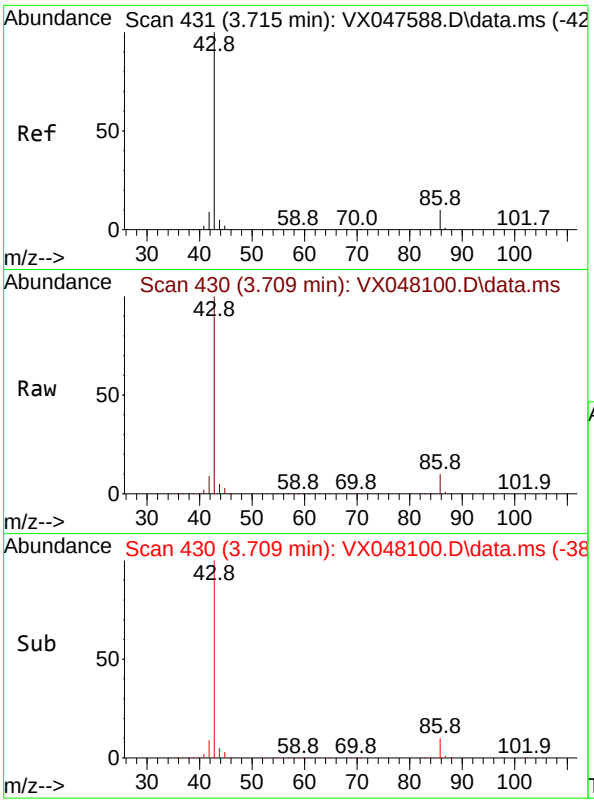


#22
Diisopropyl ether
Concen: 54.941 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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
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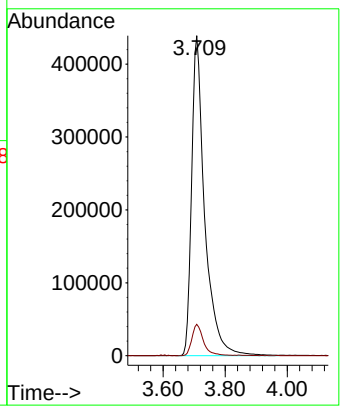
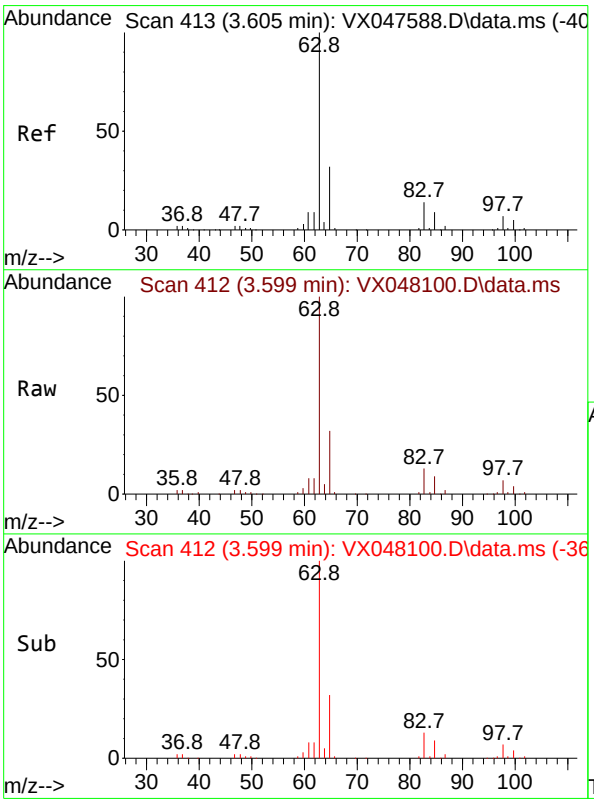
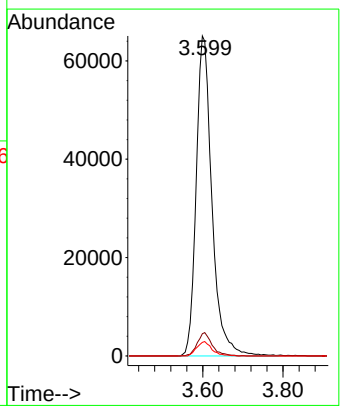


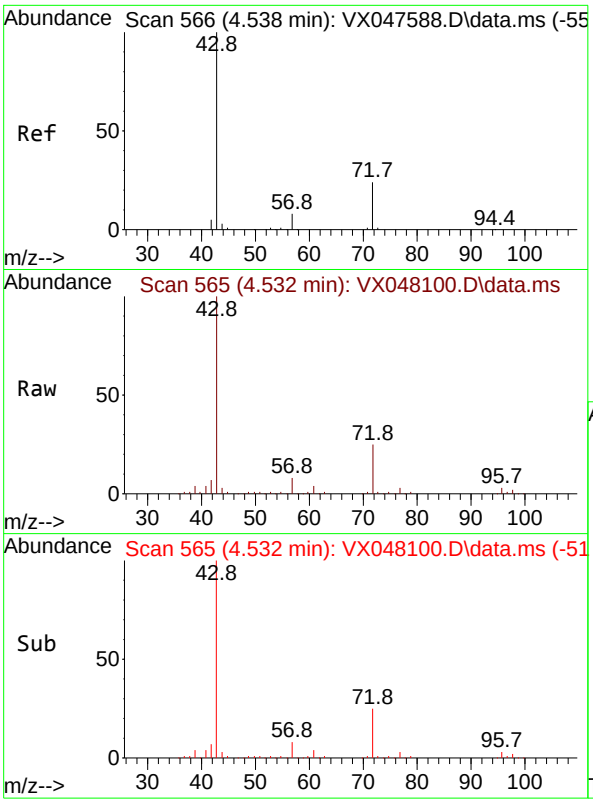


#24
1,1-Dichloroethane
Concen: 56.138 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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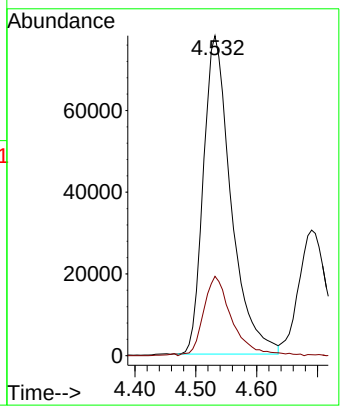
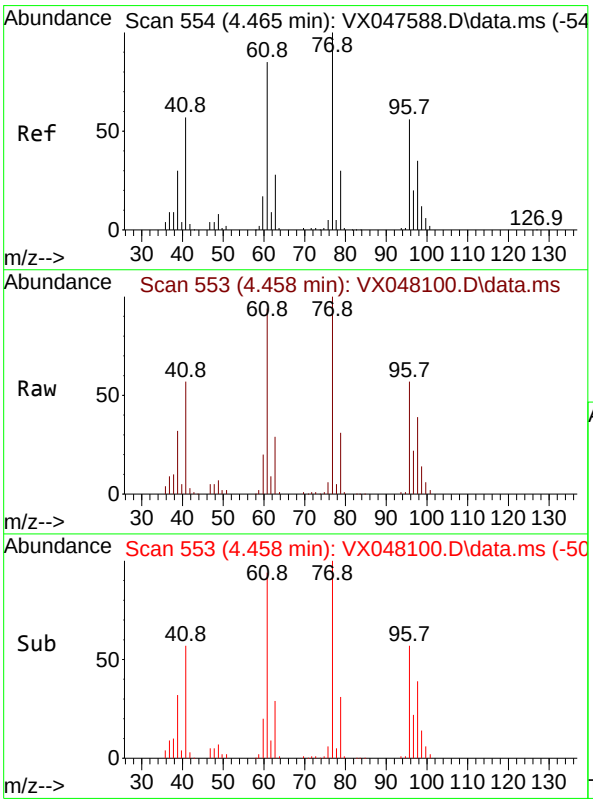
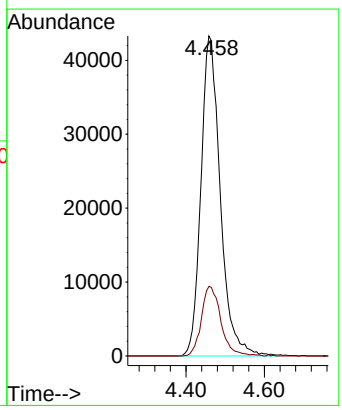


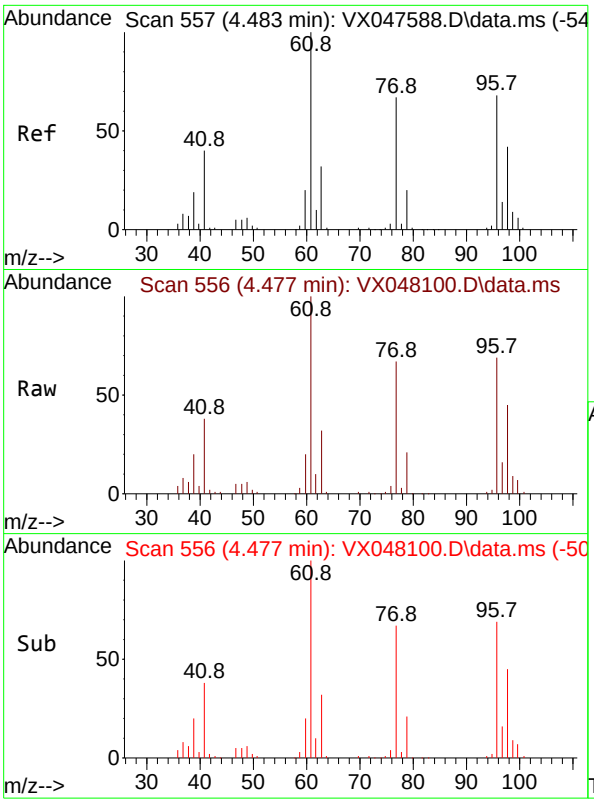


#26
2,2-Dichloropropane
Concen: 56.601 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 77 Resp: 148425

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7

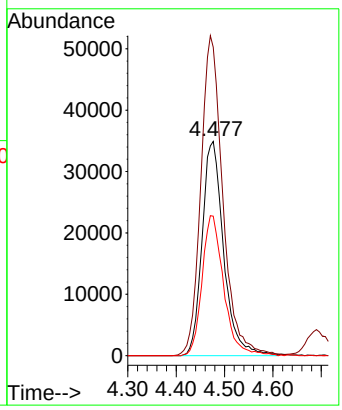




#27
cis-1,2-Dichloroethene
Concen: 55.148 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
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ClientSampleId :
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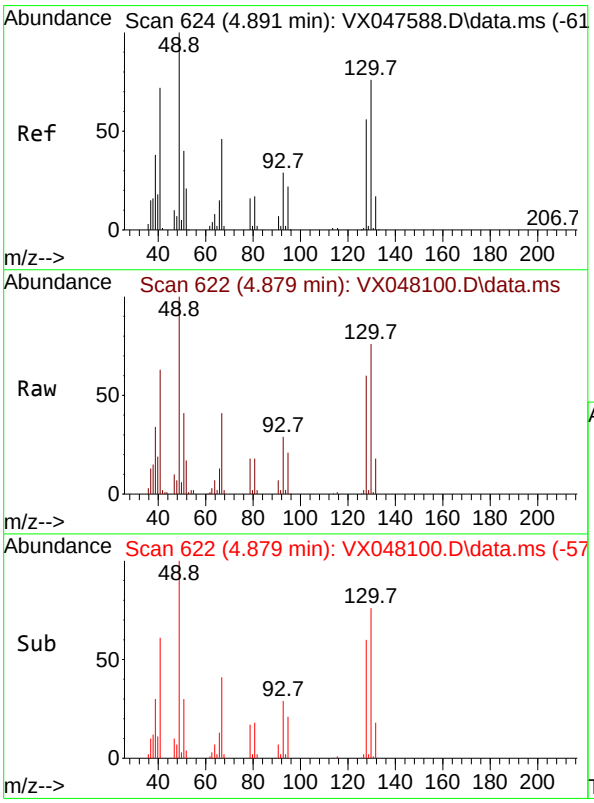
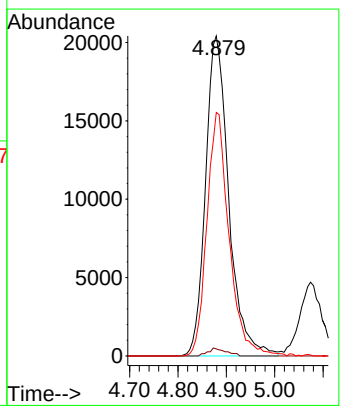
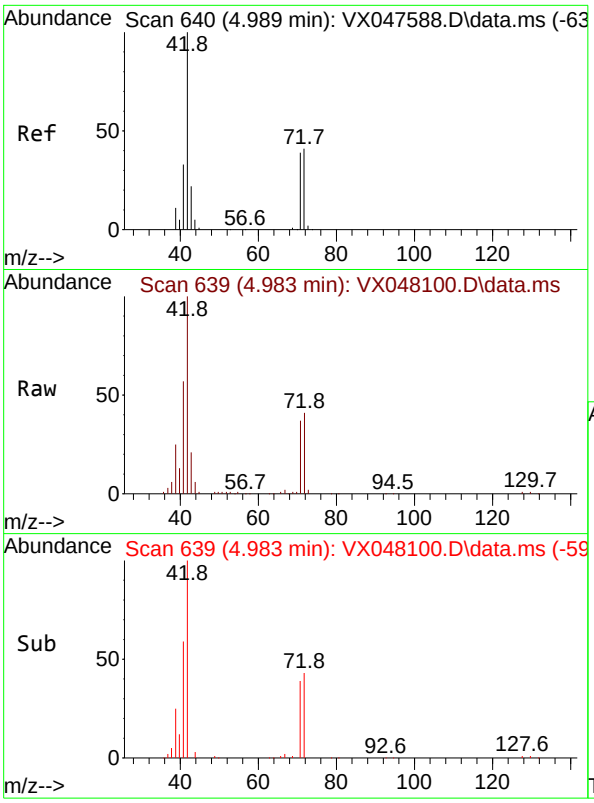


#28
Bromochloromethane
Concen: 49.437 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

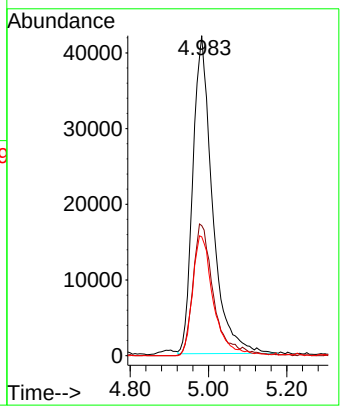




#29
Tetrahydrofuran
Concen: 225.327 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
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ClientSampleId :
VSTDCCC050

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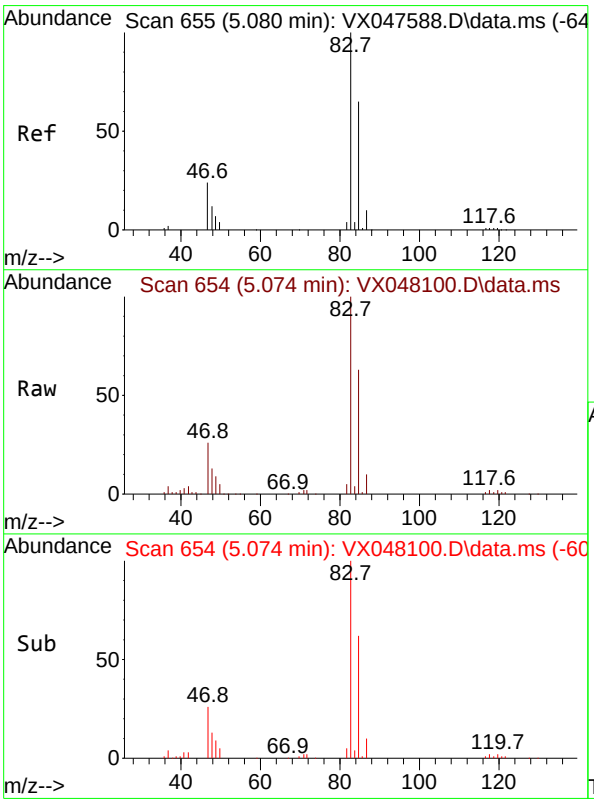
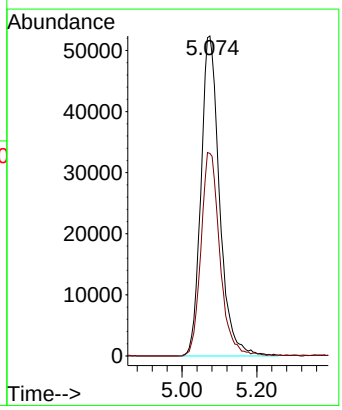
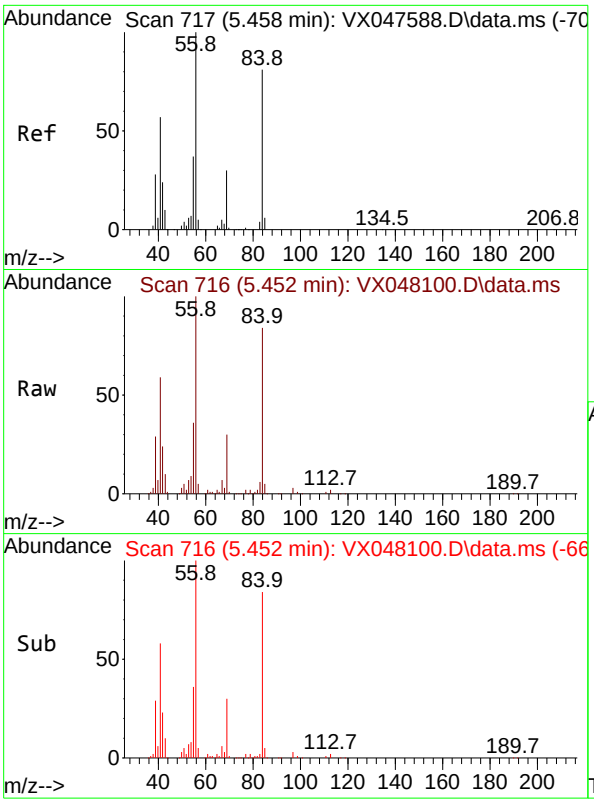


#30
Chloroform
Concen: 56.575 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
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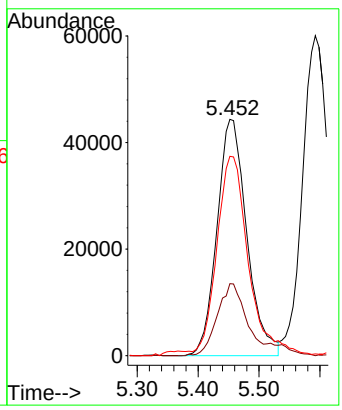
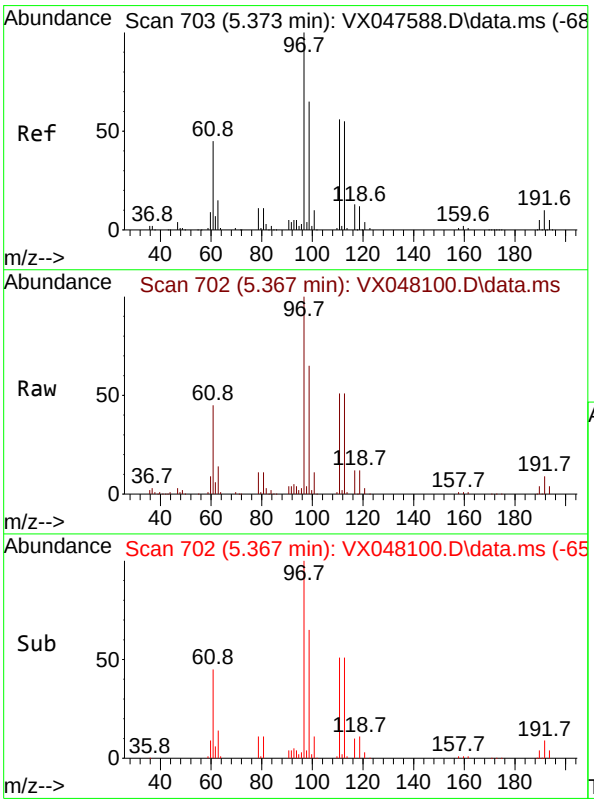
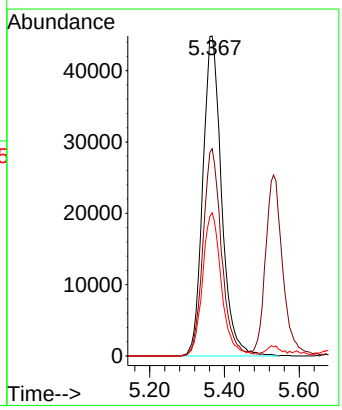


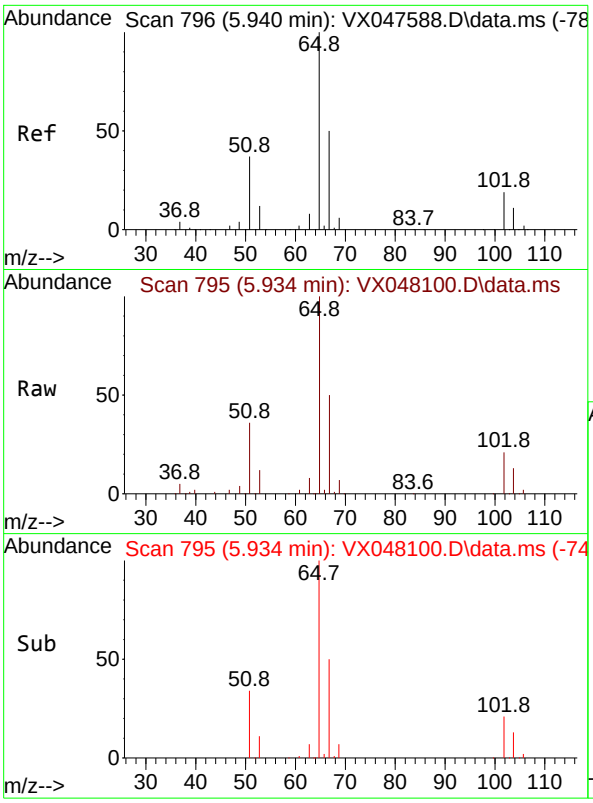


#32
1,1,1-Trichloroethane
Concen: 57.701 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

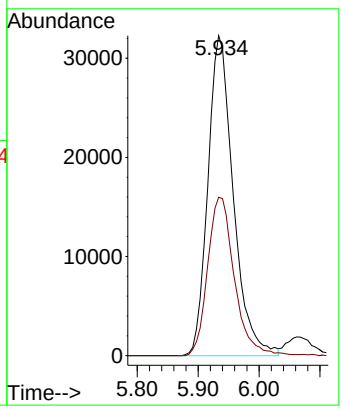




#33
1,2-Dichloroethane-d4
Concen: 47.002 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 65 Resp: 9345

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
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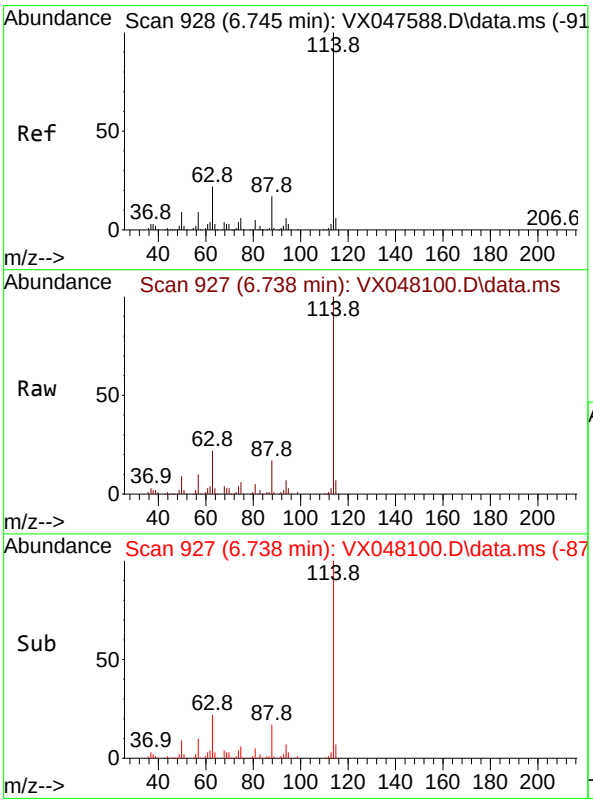
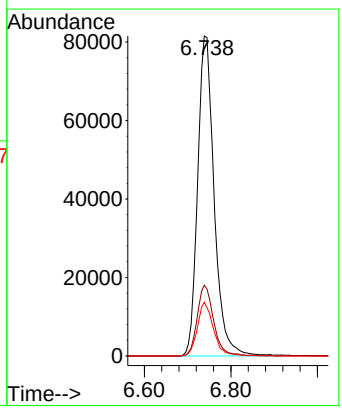
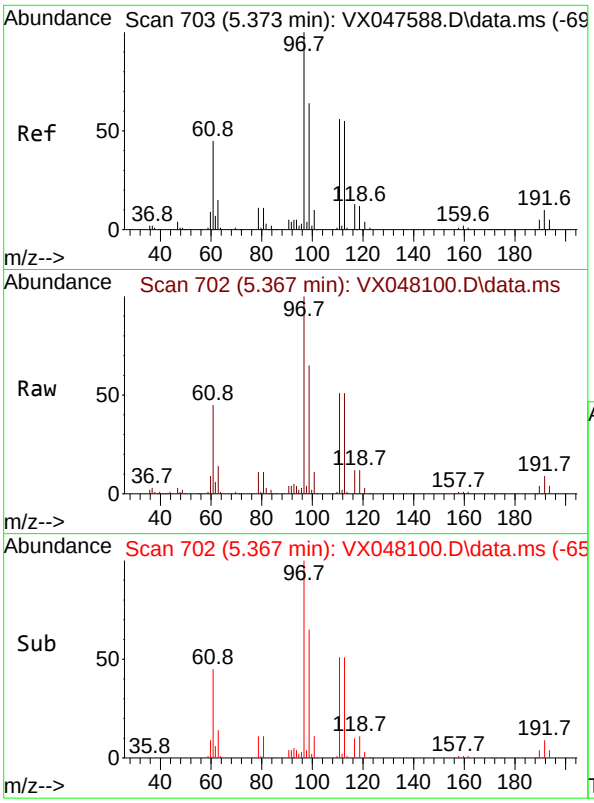


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

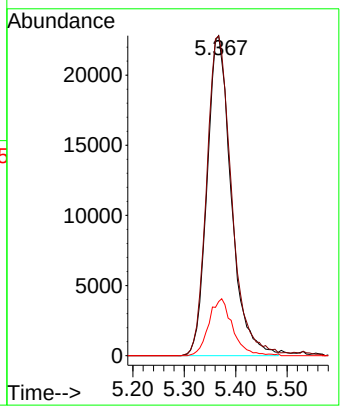




#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
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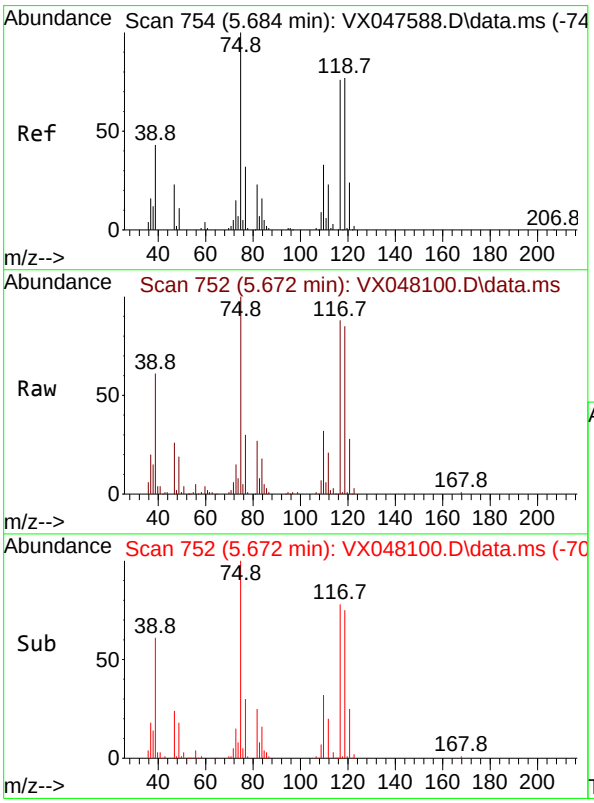
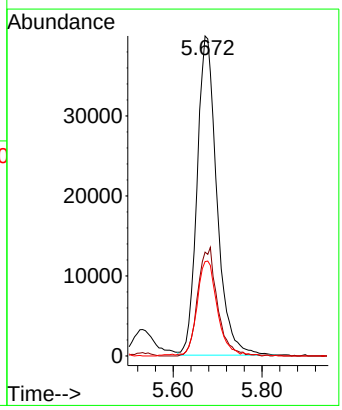
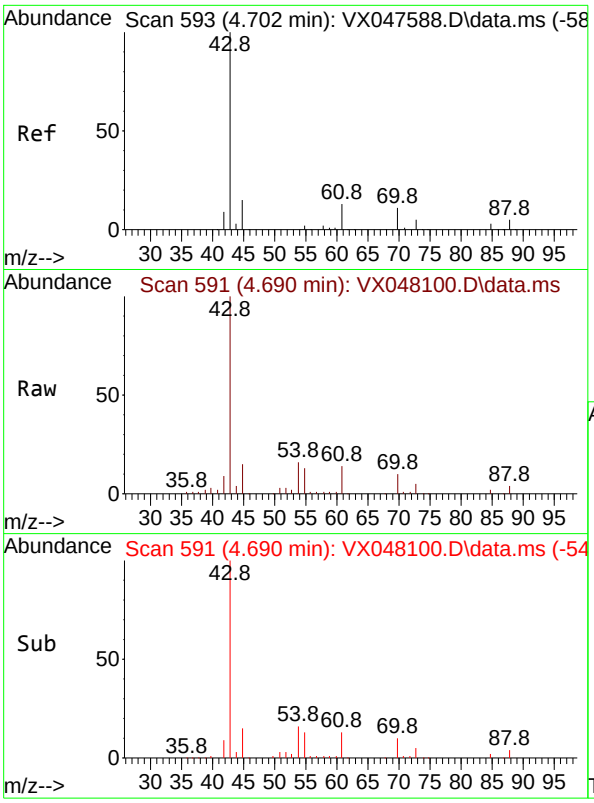


#36
1,1-Dichloropropene
Concen: 58.352 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

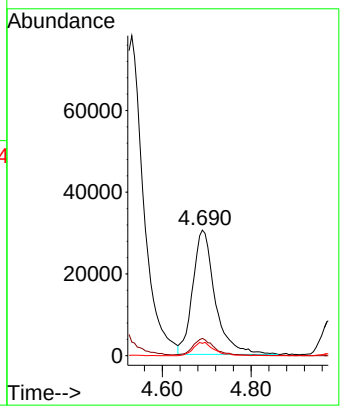




#37
Ethyl Acetate
Concen: 46.745 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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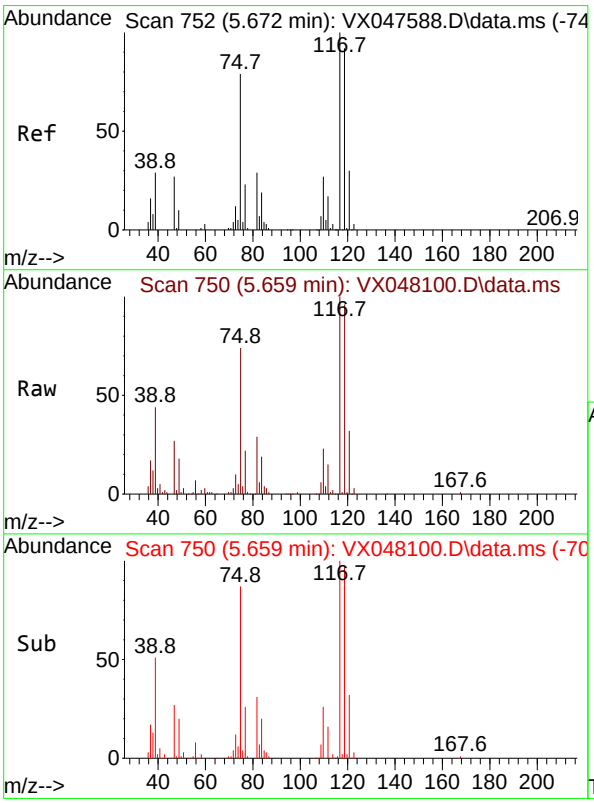
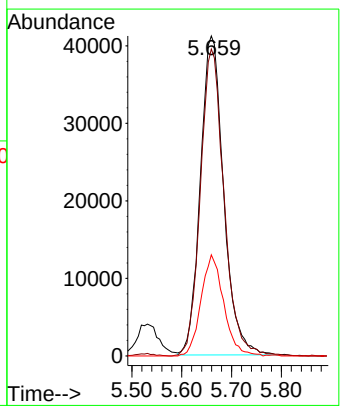
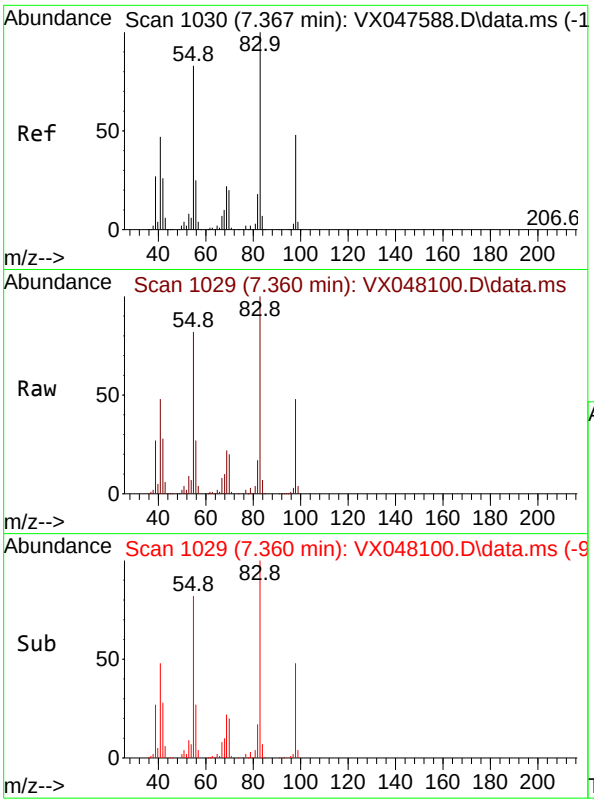


#38
Carbon Tetrachloride
Concen: 58.053 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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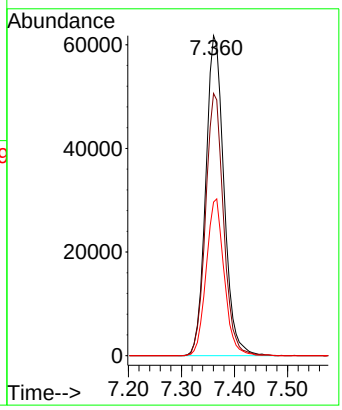
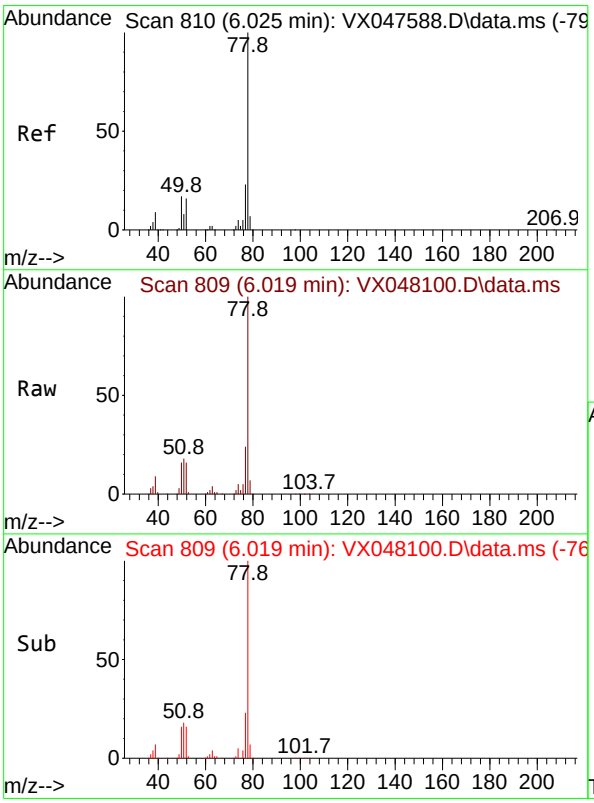
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

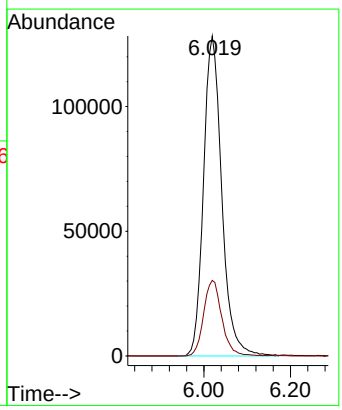


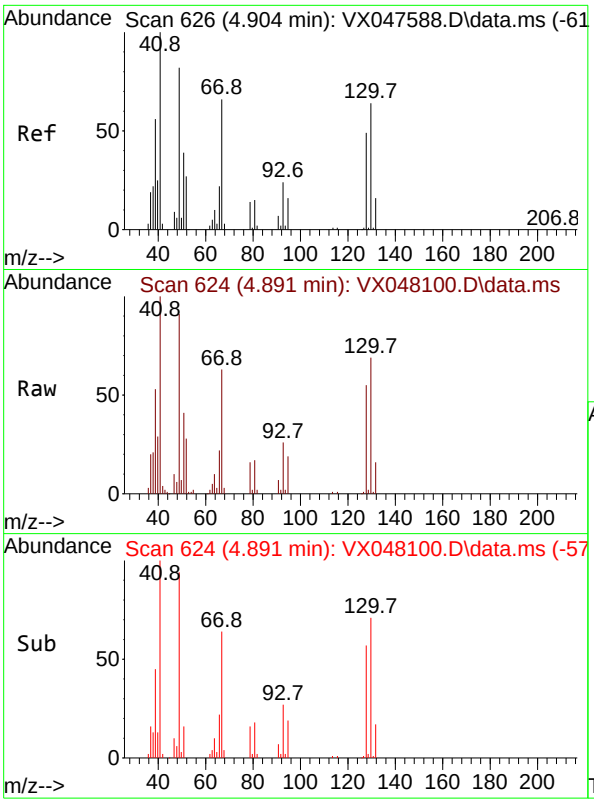


#40
Benzene
Concen: 58.350 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 78 Resp: 375362

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2

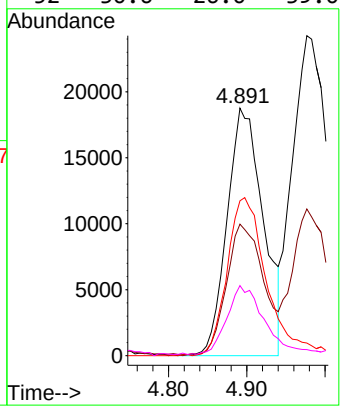




#41
Methacrylonitrile
Concen: 51.510 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

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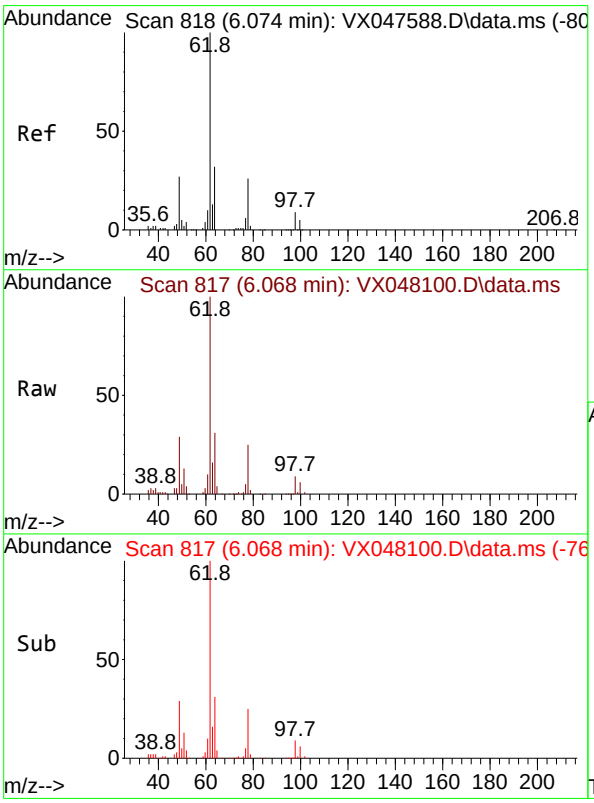
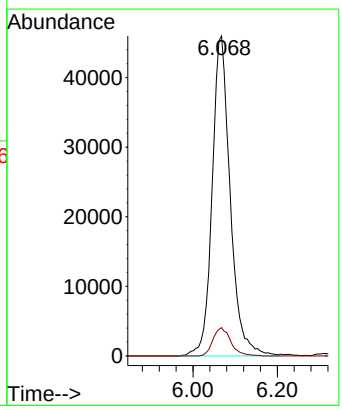
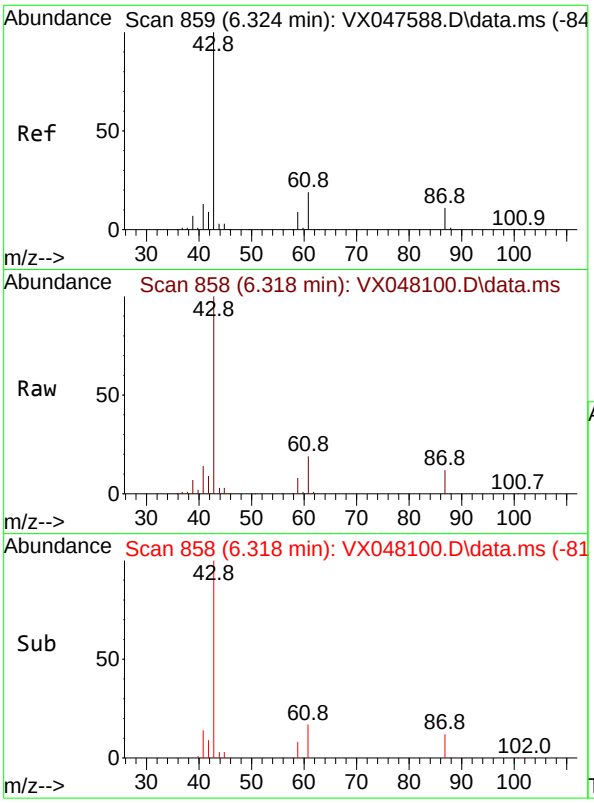


#42
1,2-Dichloroethane
Concen: 55.892 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 62 Resp: 136805

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0

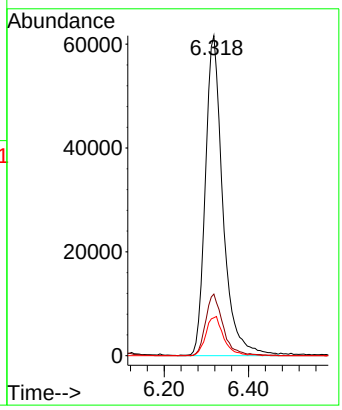




#43
Isopropyl Acetate
Concen: 47.975 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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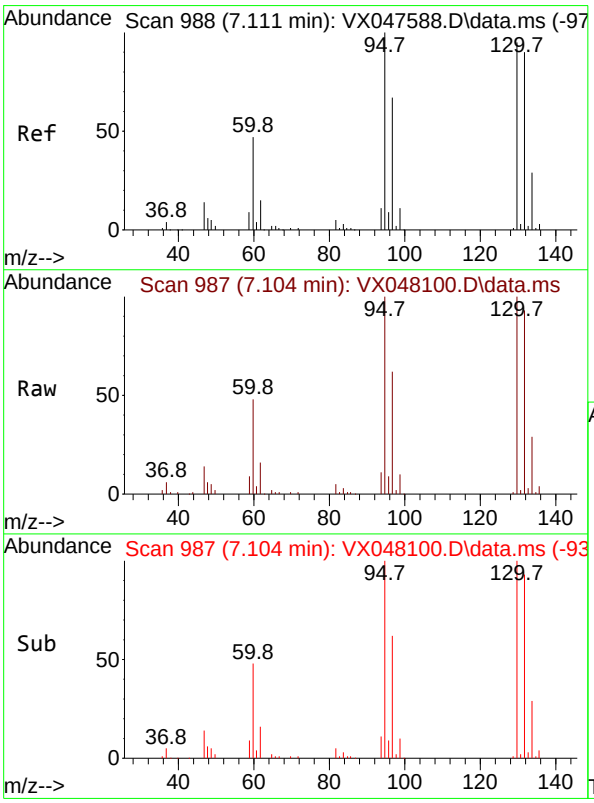
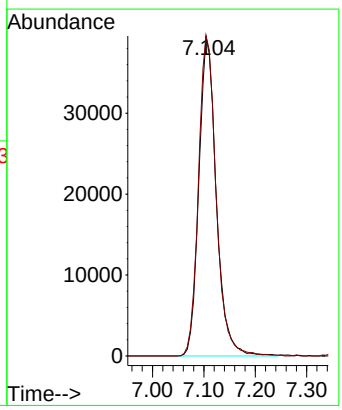
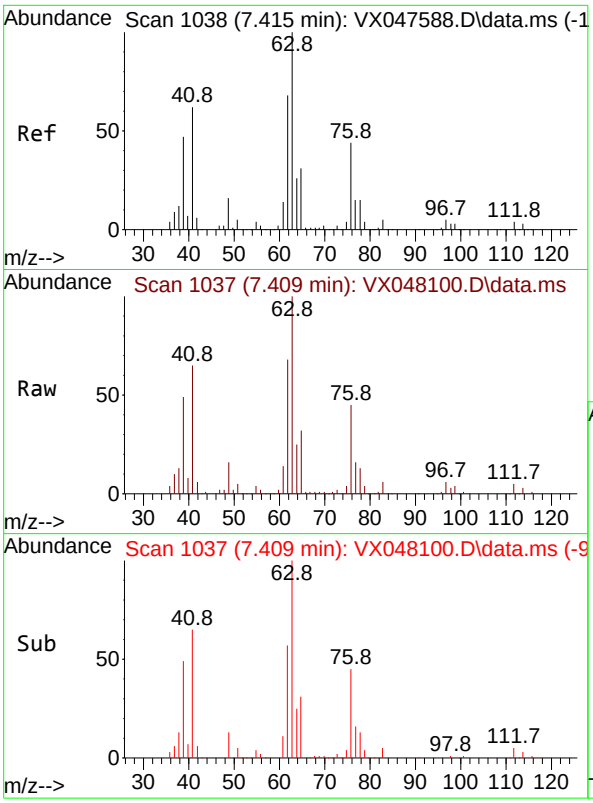


#44
Trichloroethene
Concen: 59.475 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:130 Resp: 92498

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	210.8

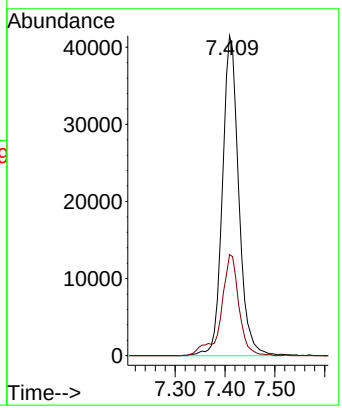




#45
1,2-Dichloropropane
Concen: 57.281 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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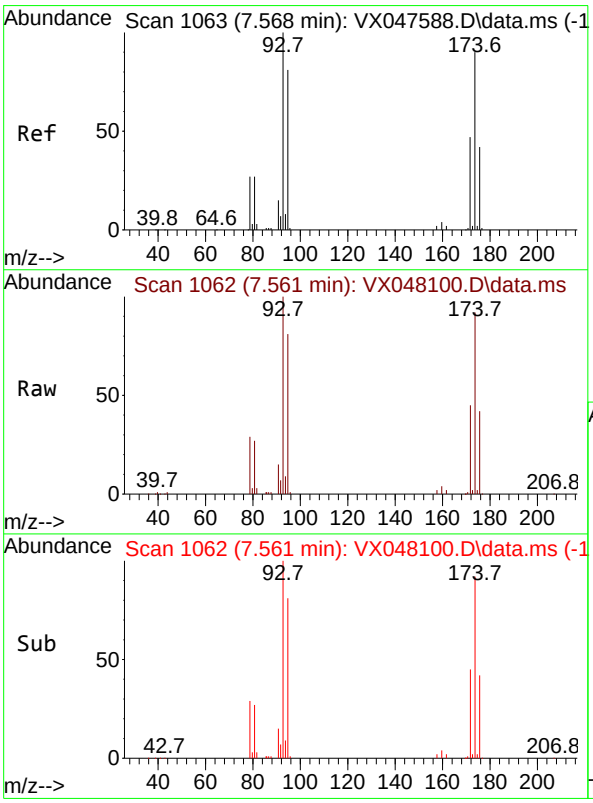
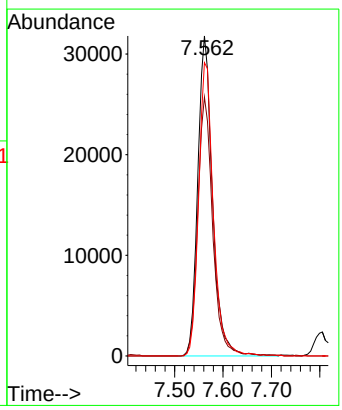
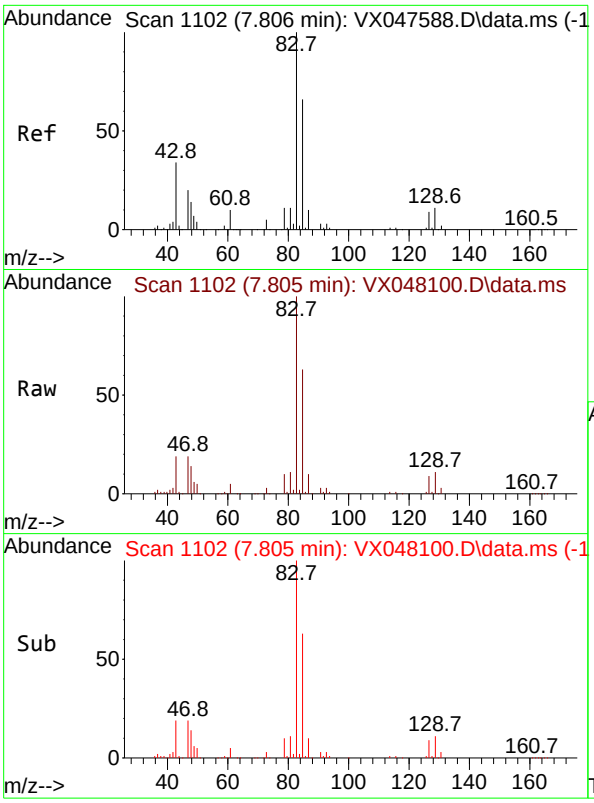


#46
Dibromomethane
Concen: 56.040 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

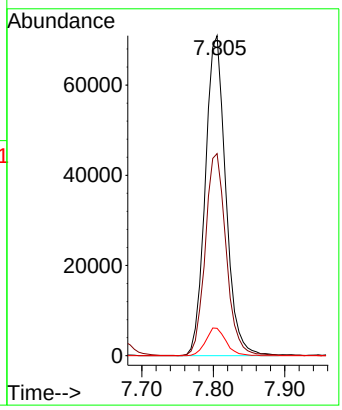




#47
Bromodichloromethane
Concen: 57.029 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
MSVOA_X
ClientSampleId :
VSTDCCC050

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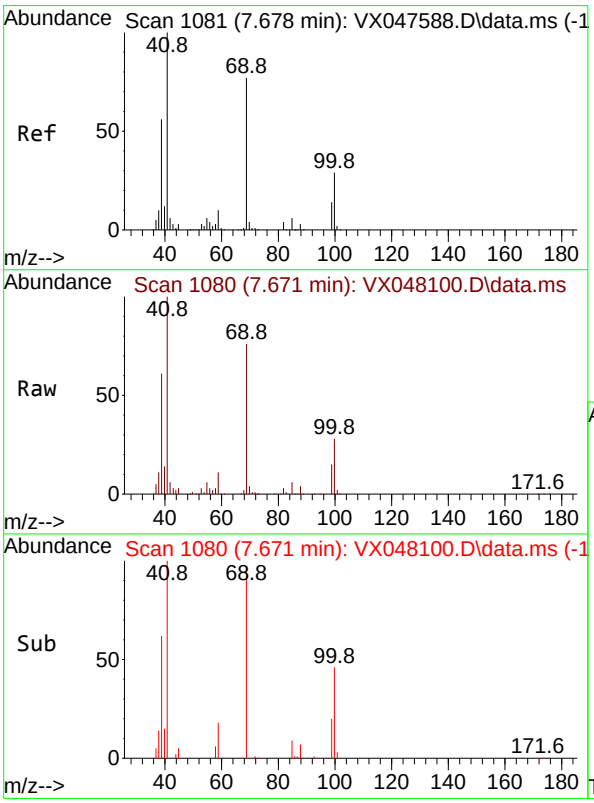
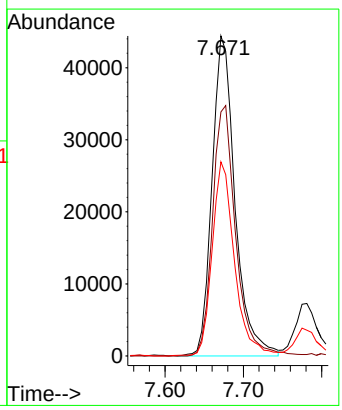
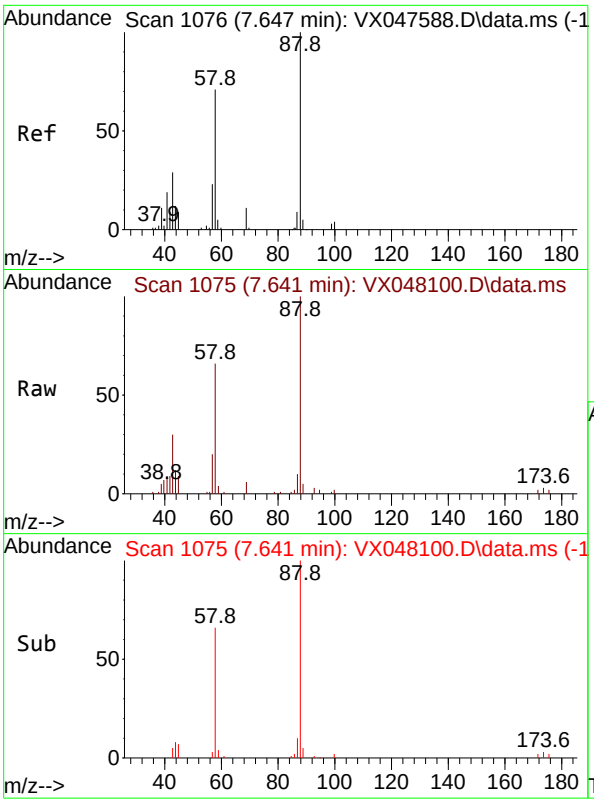


#48
Methyl methacrylate
Concen: 48.949 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

Manual Integrations
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Reviewed By :John Carlone 10/13/2025
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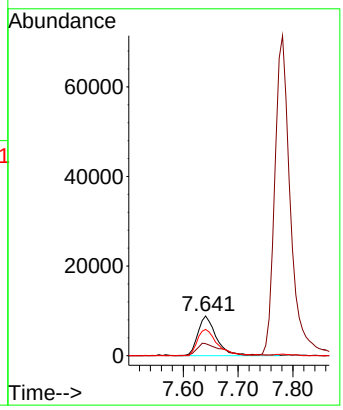
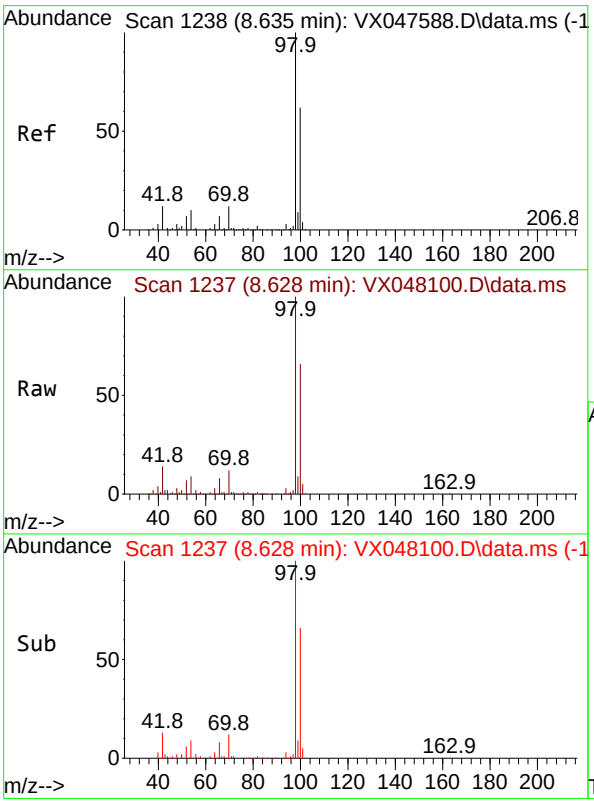
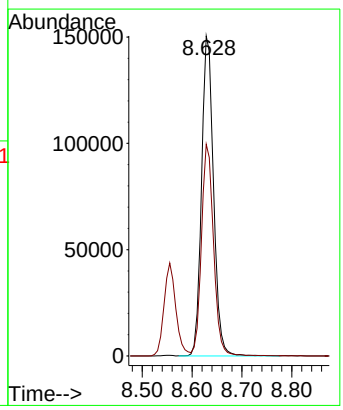


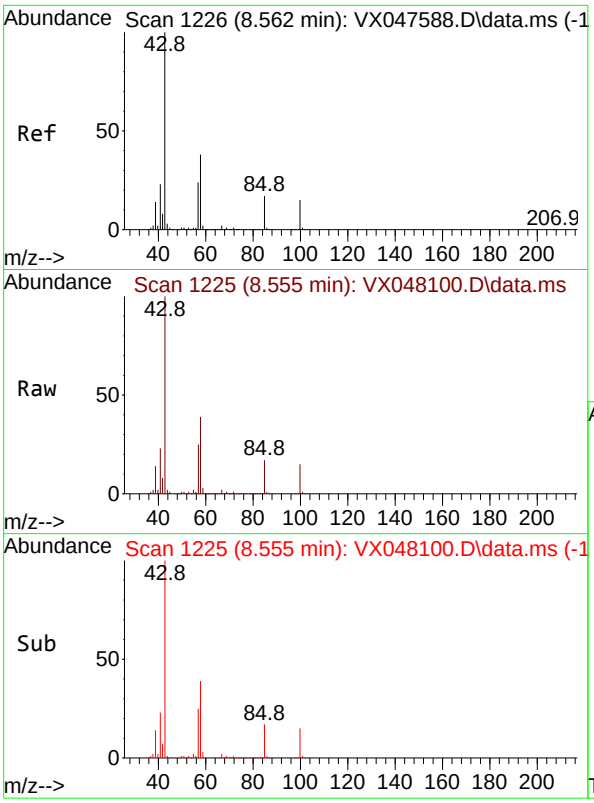


#50
Toluene-d8
Concen: 50.093 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 98 Resp: 251236

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

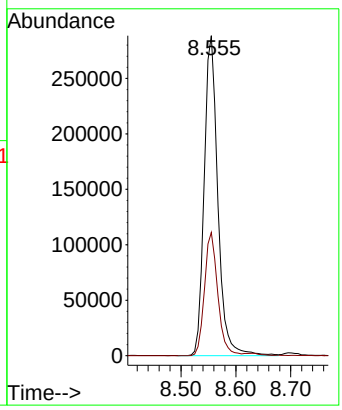




#51
4-Methyl-2-Pentanone
Concen: 241.298 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 49759

Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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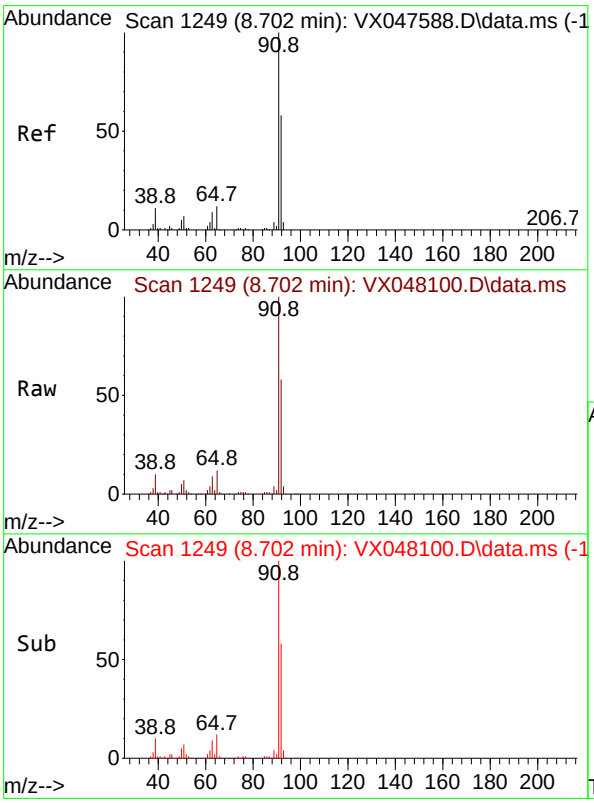
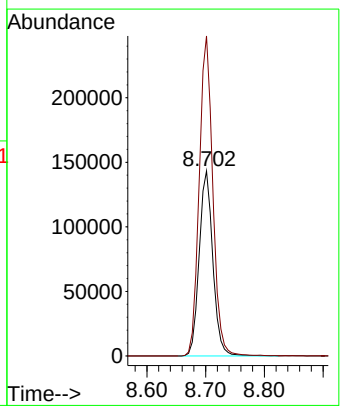
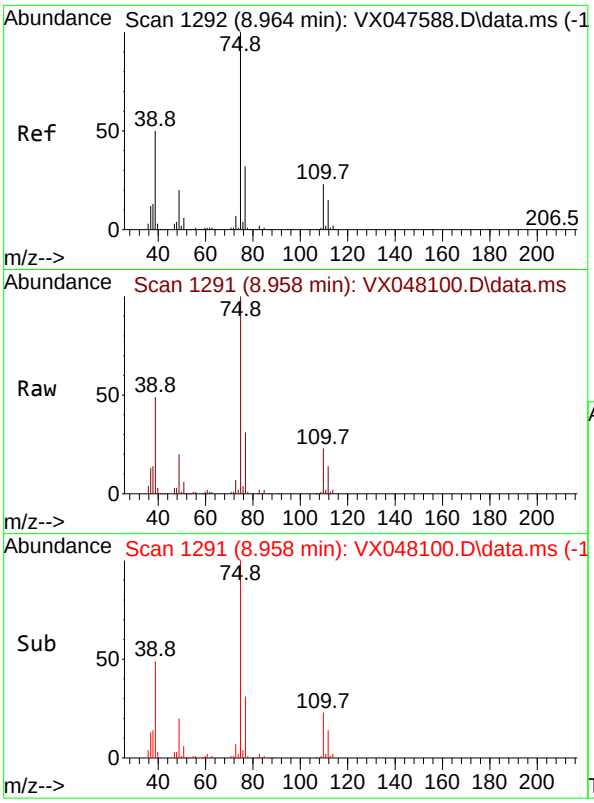


#52
Toluene
Concen: 58.265 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 92 Resp: 230924

Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.1	205.7

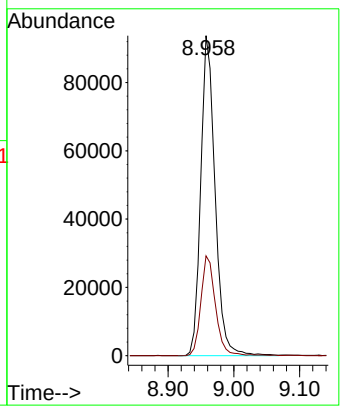




#53
t-1,3-Dichloropropene
Concen: 56.386 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 14226

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2



Instrument :
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ClientSampleId :
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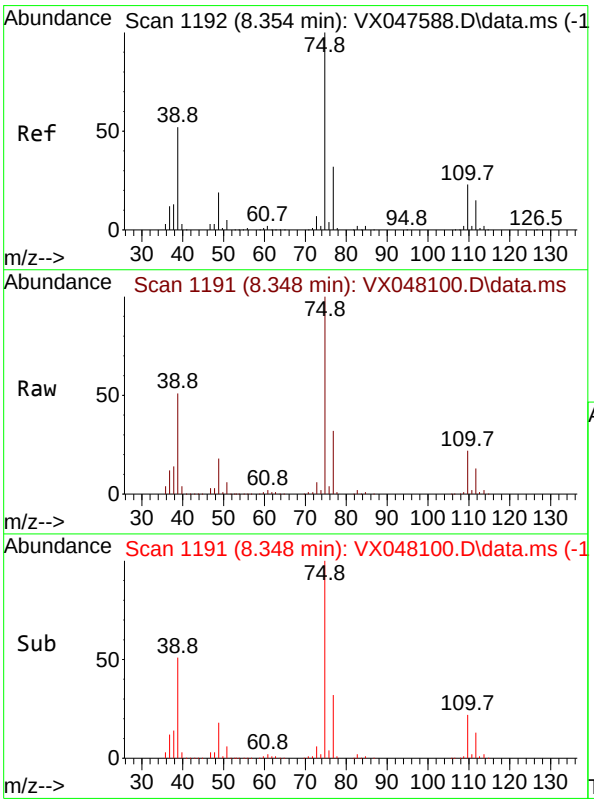
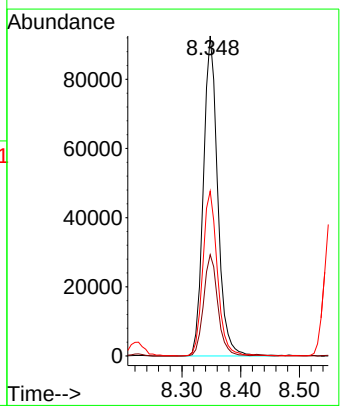
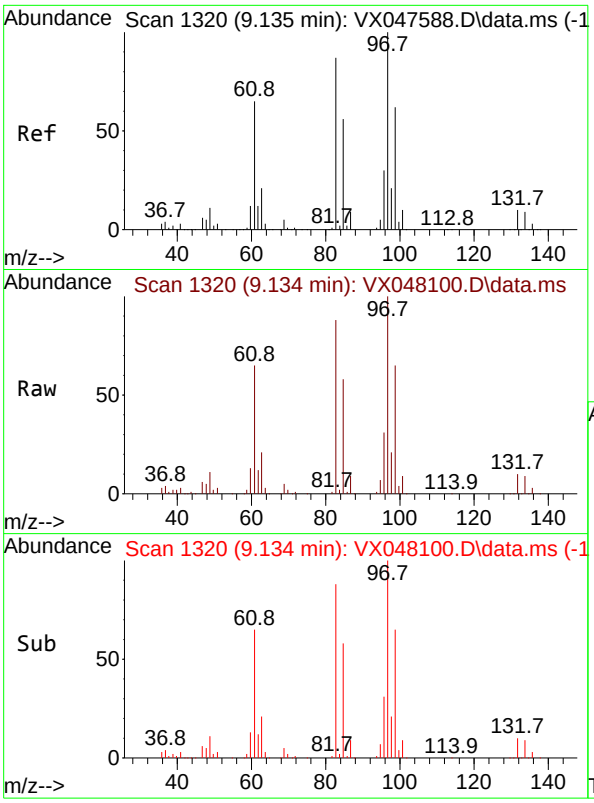


#54
cis-1,3-Dichloropropene
Concen: 58.227 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

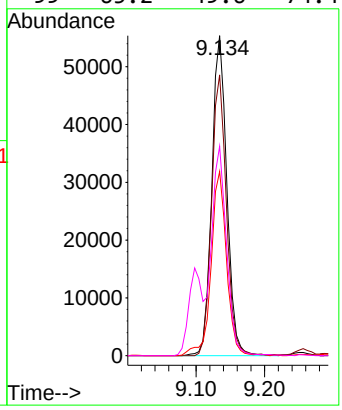




#55
1,1,2-Trichloroethane
Concen: 55.112 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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ClientSampleId :
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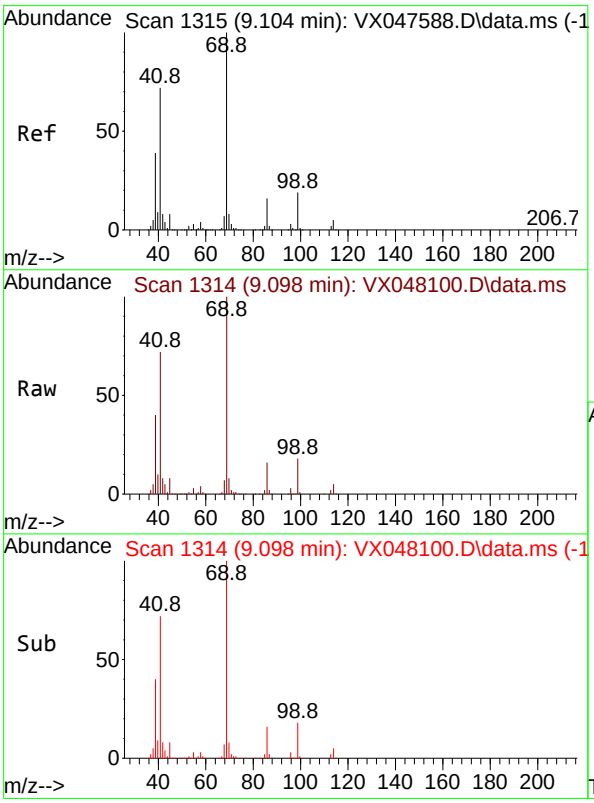
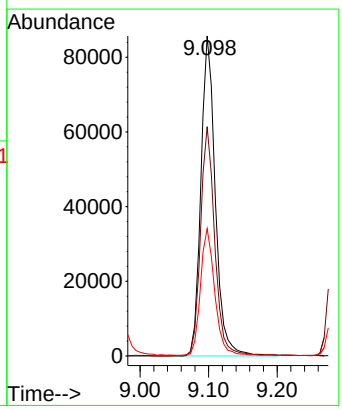
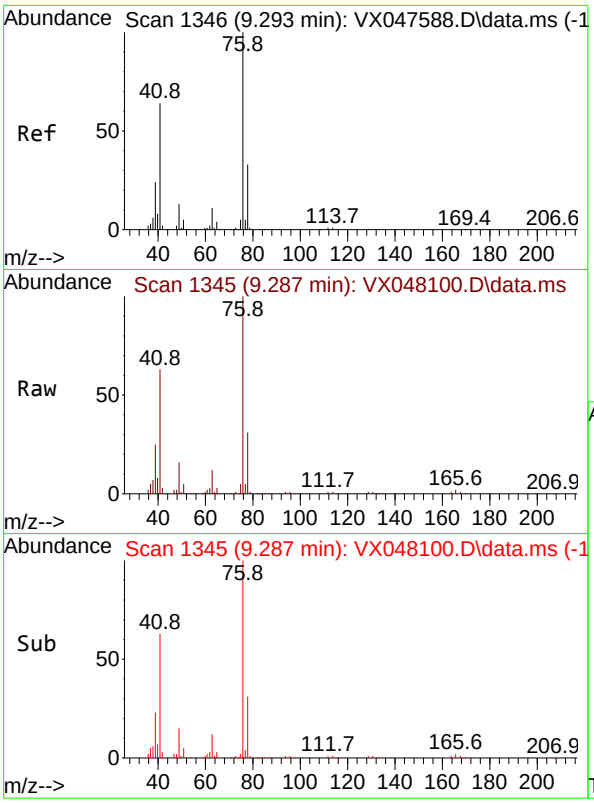


#56
Ethyl methacrylate
Concen: 52.366 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

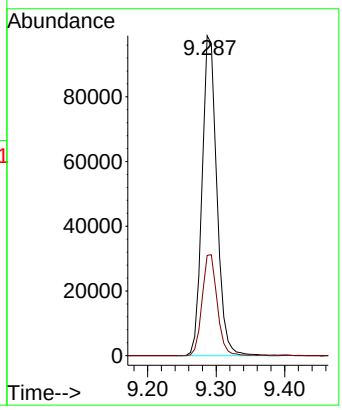




#57
1,3-Dichloropropane
Concen: 56.528 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 76 Resp: 14839

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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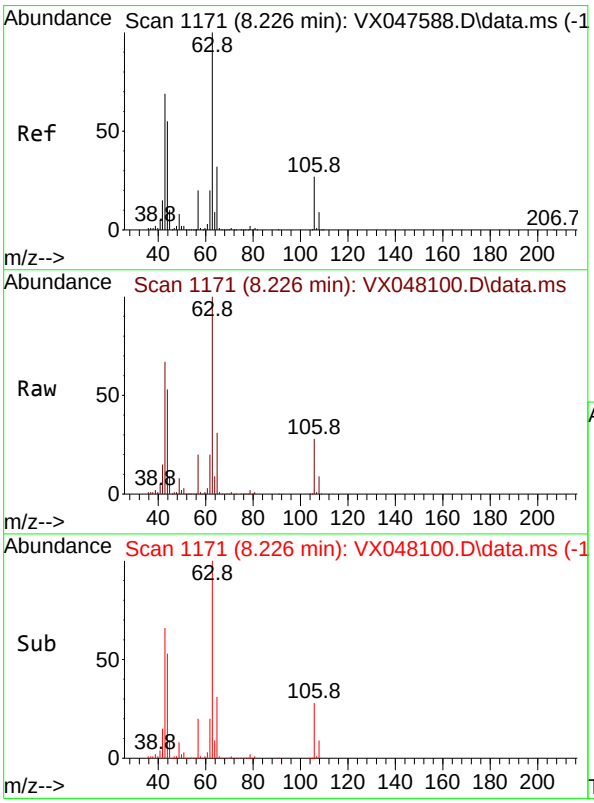
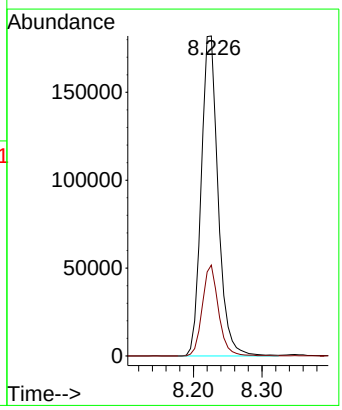
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

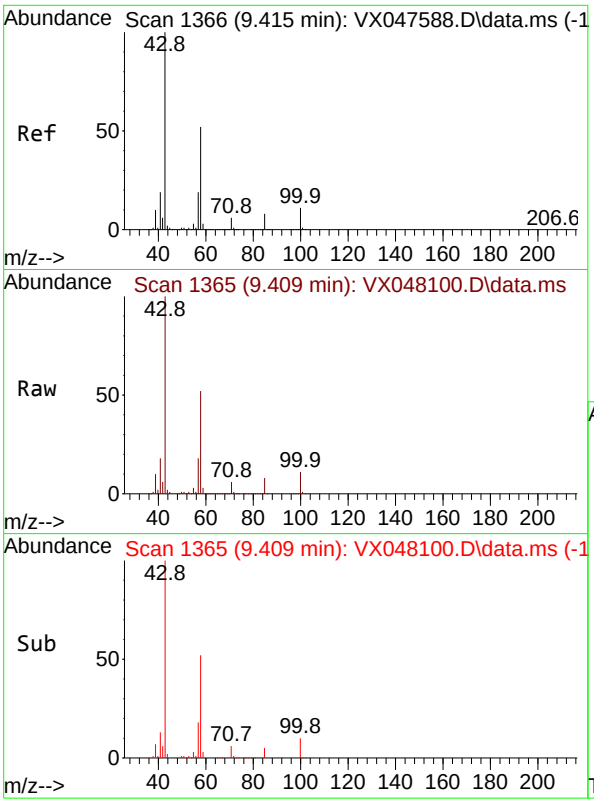


#58
2-Chloroethyl Vinyl ether
Concen: 271.315 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
MSVOA_X
ClientSampleId :
VSTDCCC050

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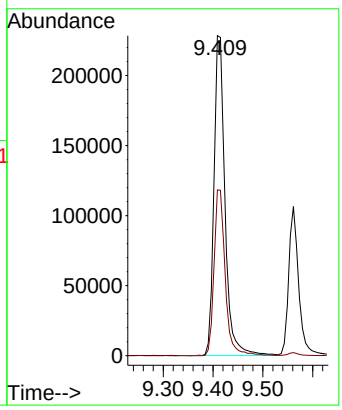
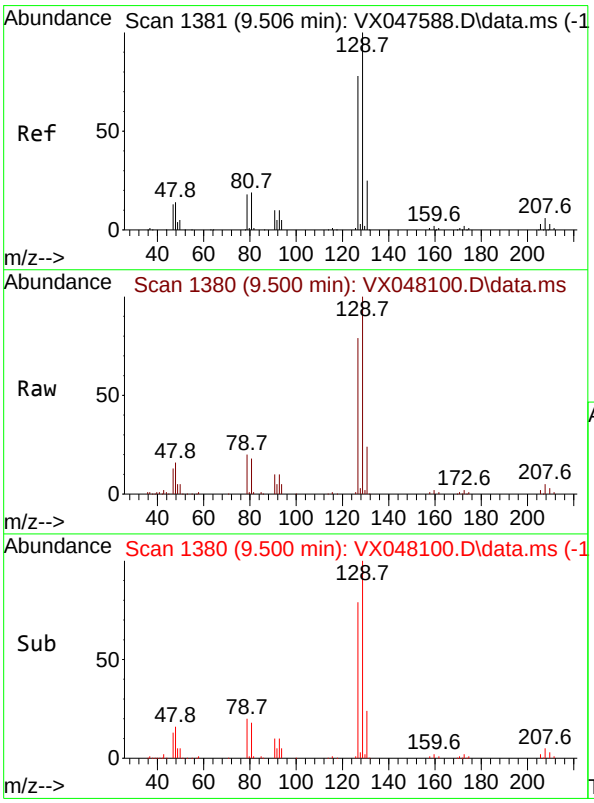
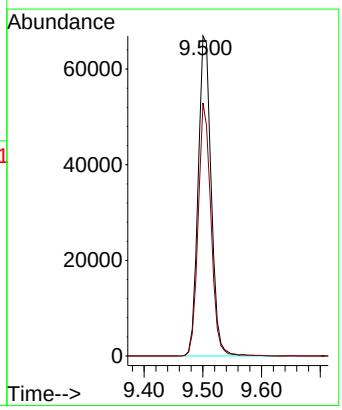


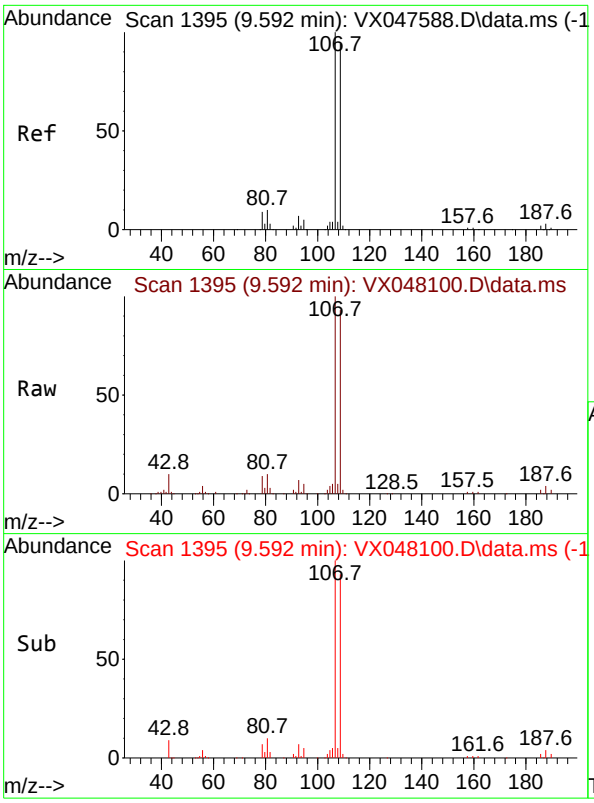


#60
Dibromochloromethane
Concen: 58.645 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:129 Resp: 103266

Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.4	115.2

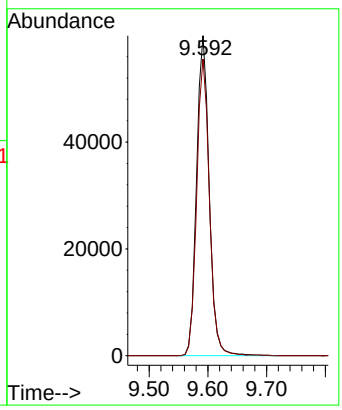




#61
1,2-Dibromoethane
Concen: 57.338 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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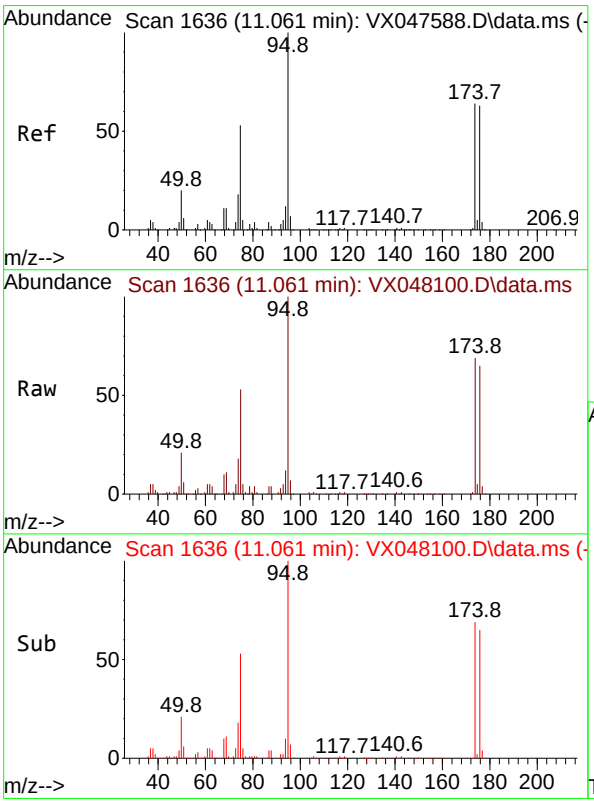
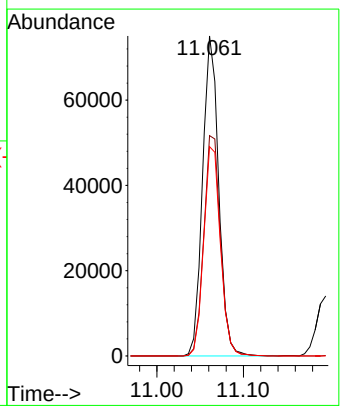
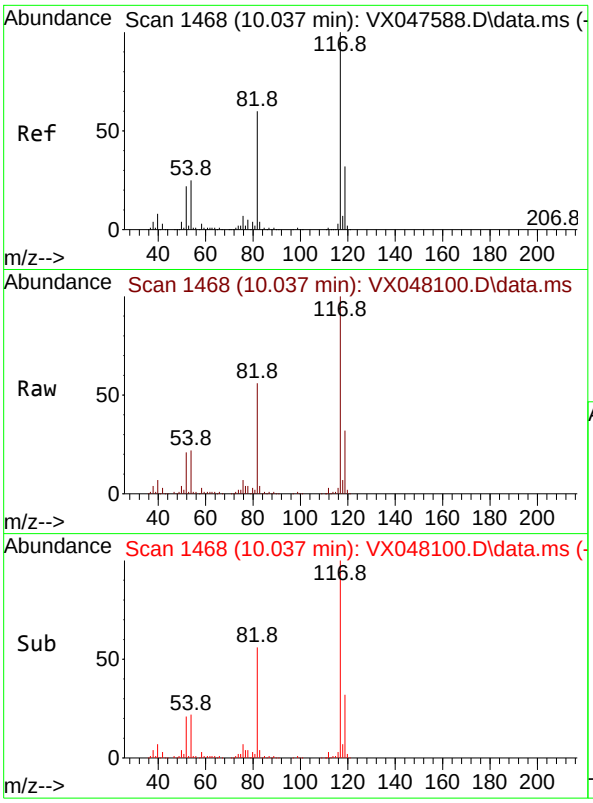


#62
4-Bromofluorobenzene
Concen: 51.012 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

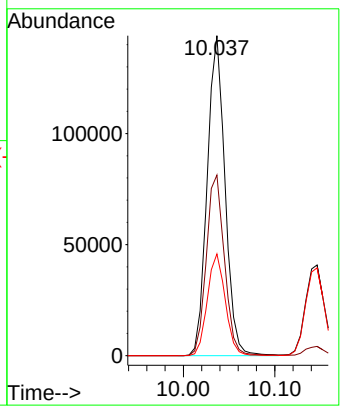




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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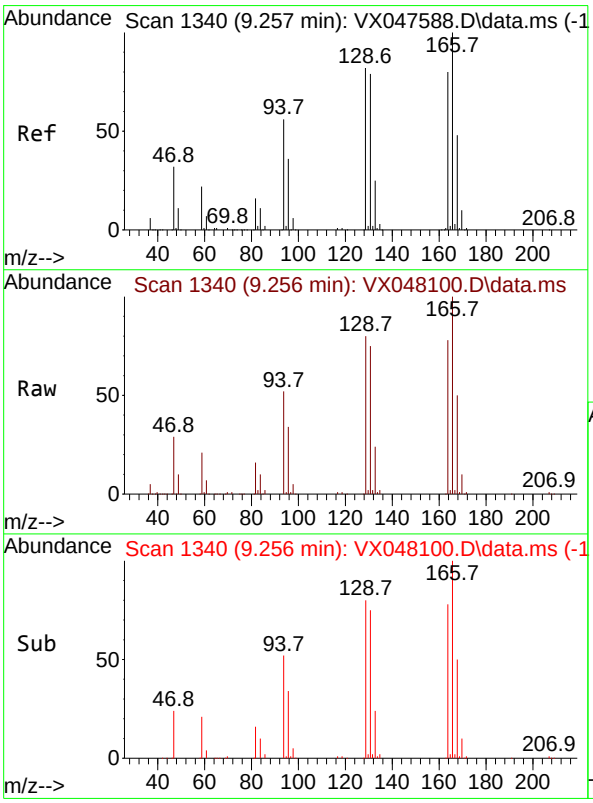
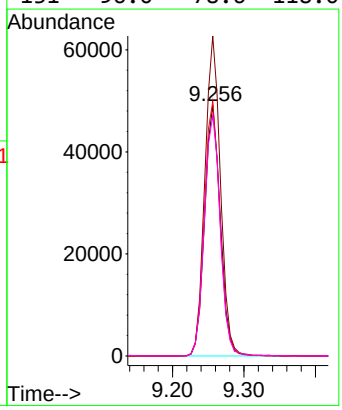
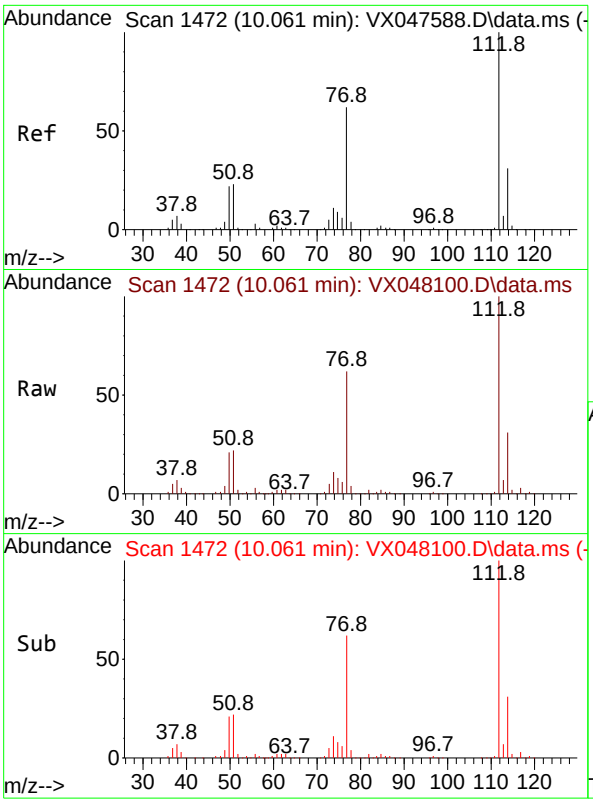


#64
Tetrachloroethene
Concen: 59.002 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

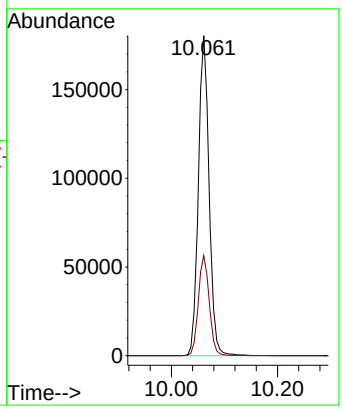




#65
Chlorobenzene
Concen: 57.202 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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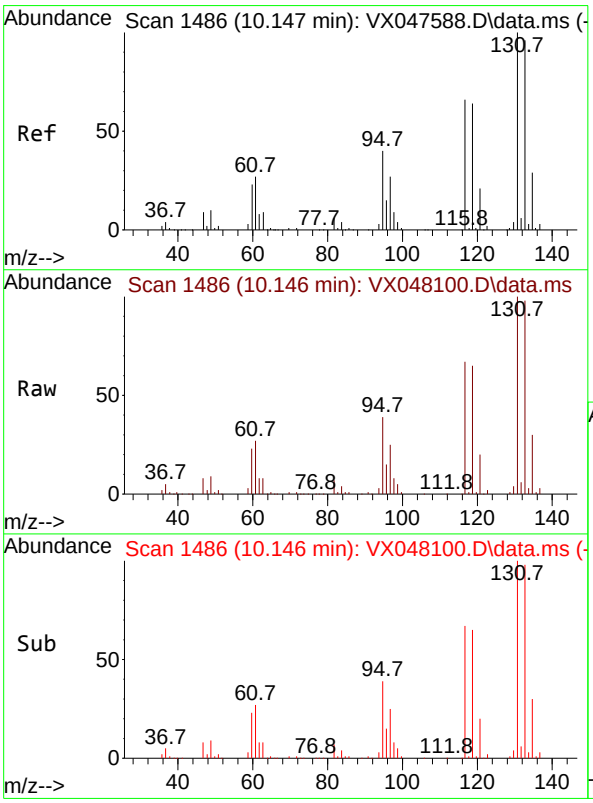
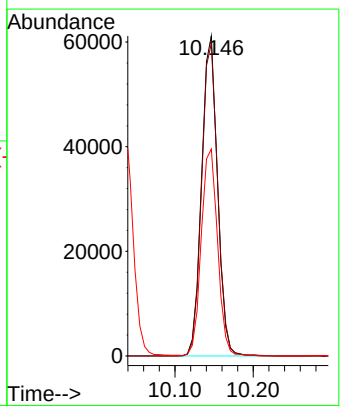
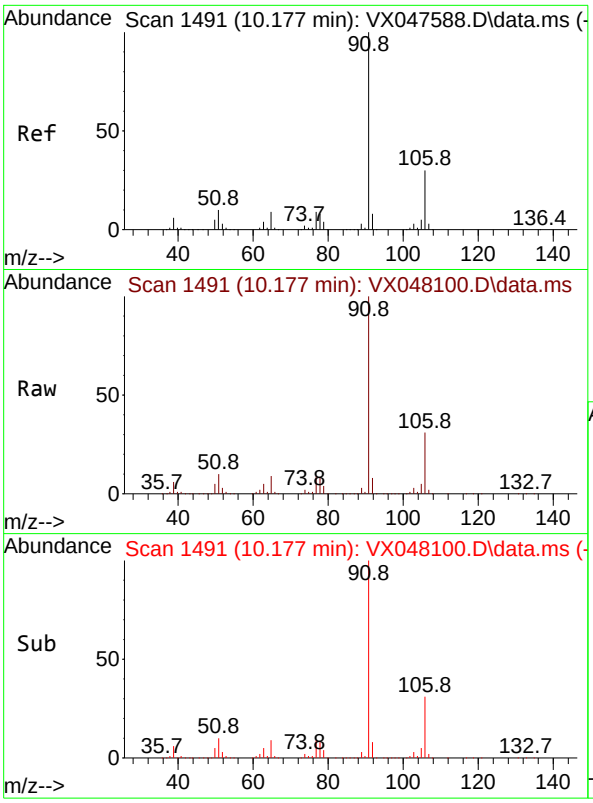


#66
1,1,1,2-Tetrachloroethane
Concen: 56.355 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
VSTDCCC050

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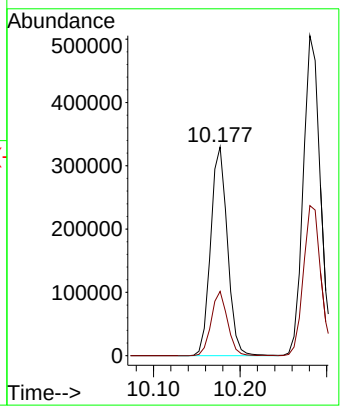
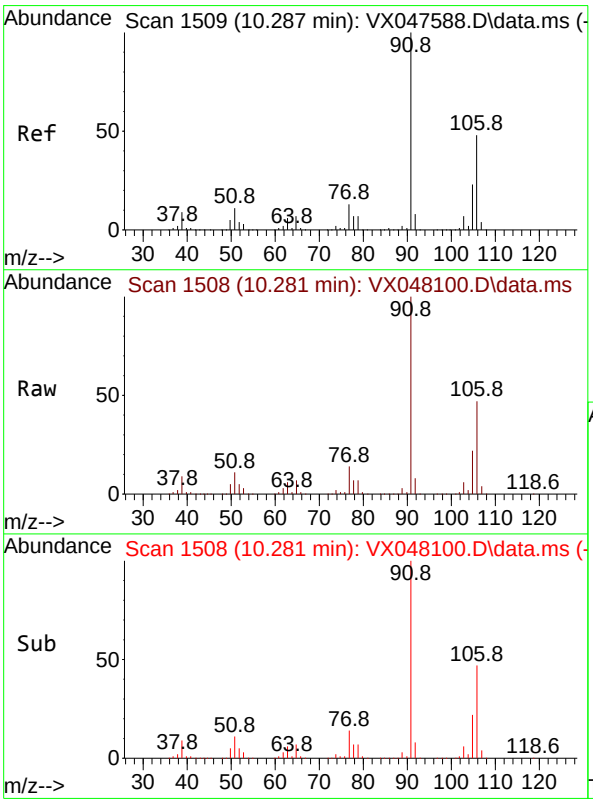
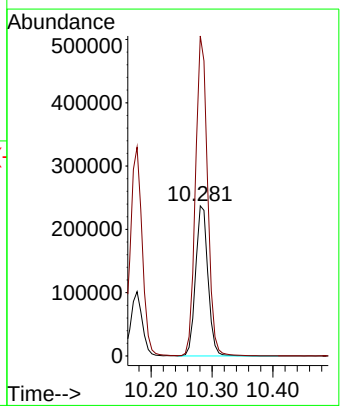


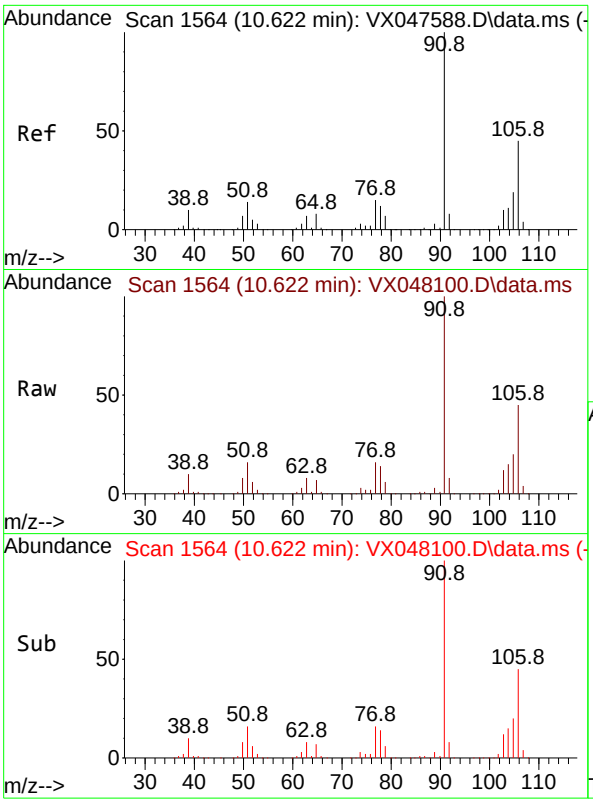


#68
m/p-Xylenes
Concen: 117.368 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

Manual Integrations
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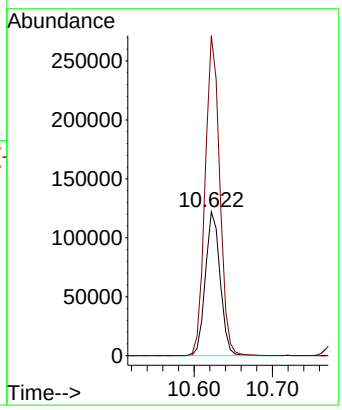
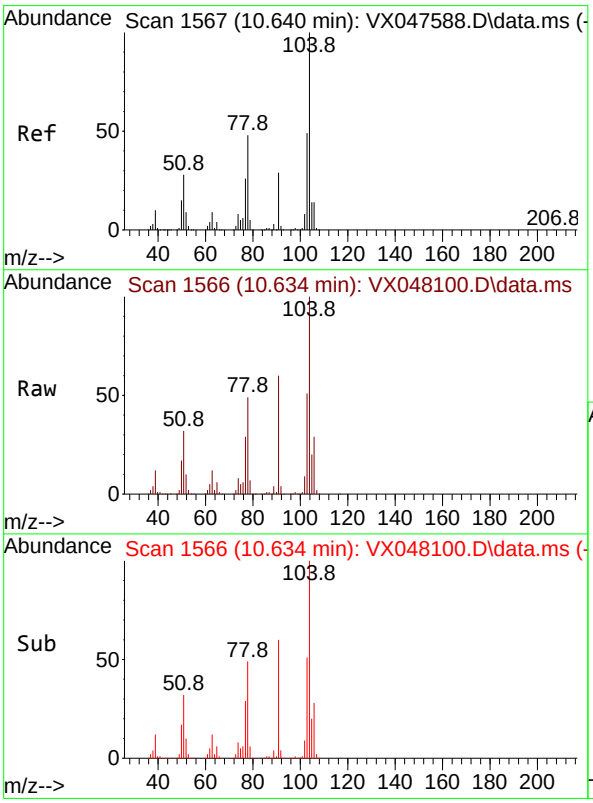
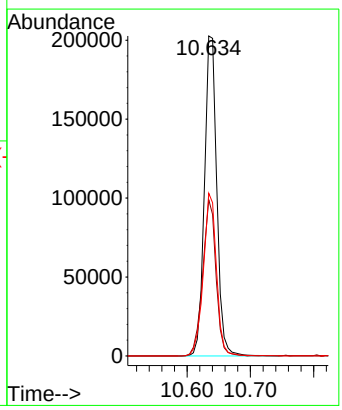


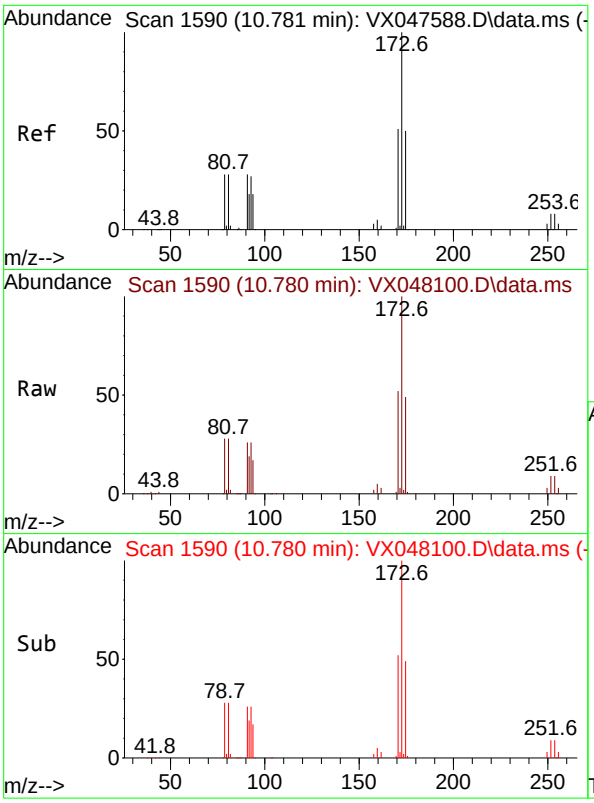


#70
Styrene
Concen: 57.245 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

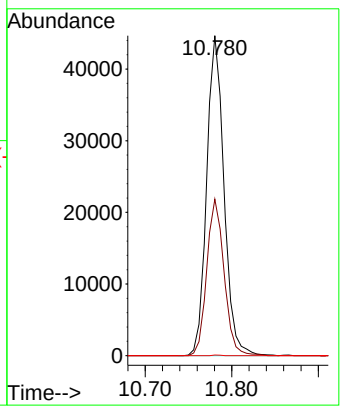




#71
Bromoform
Concen: 54.395 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

Manual Integrations
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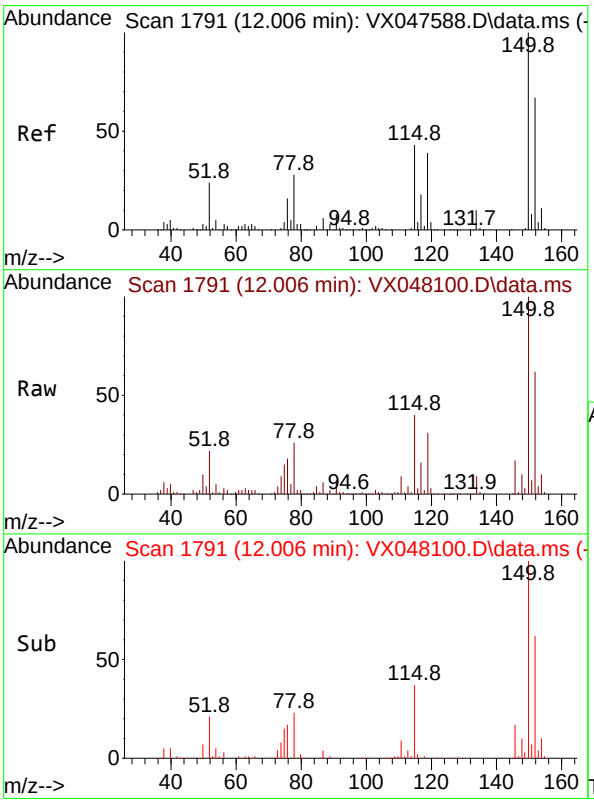
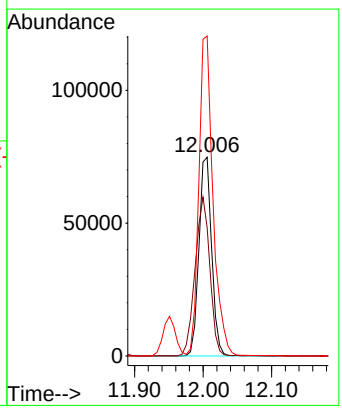
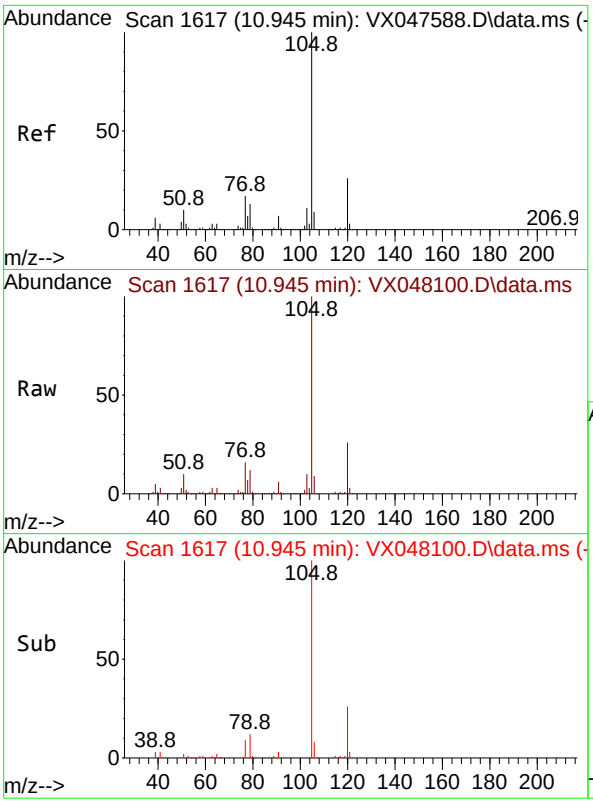


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

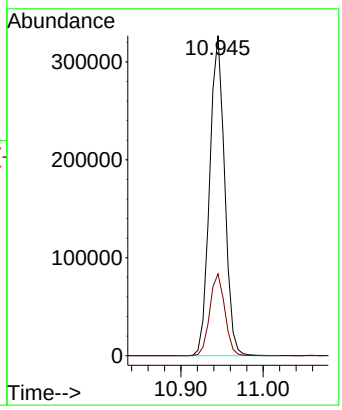




#73
Isopropylbenzene
Concen: 55.989 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 41196

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
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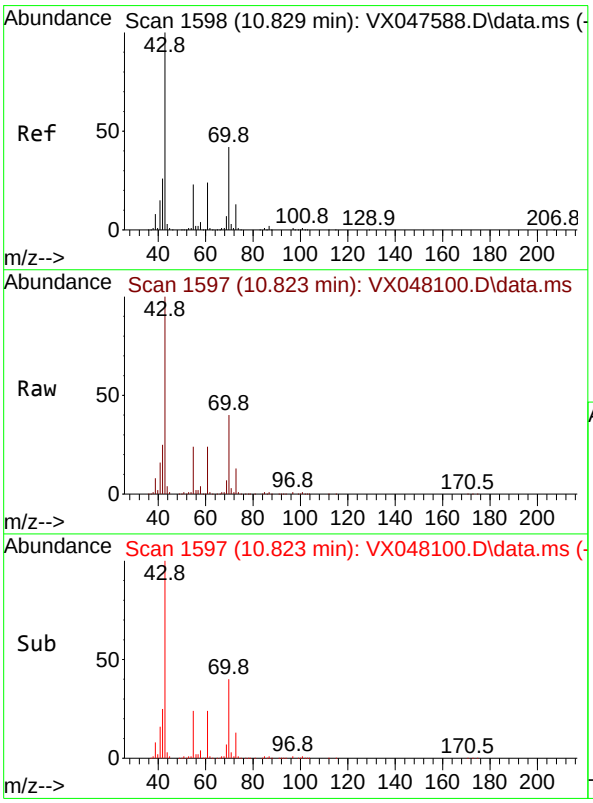
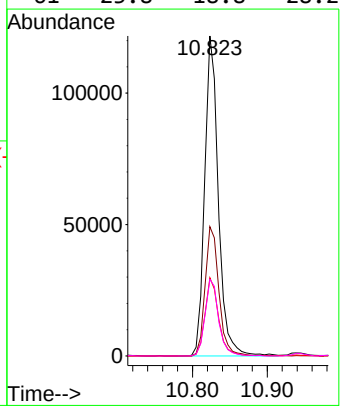
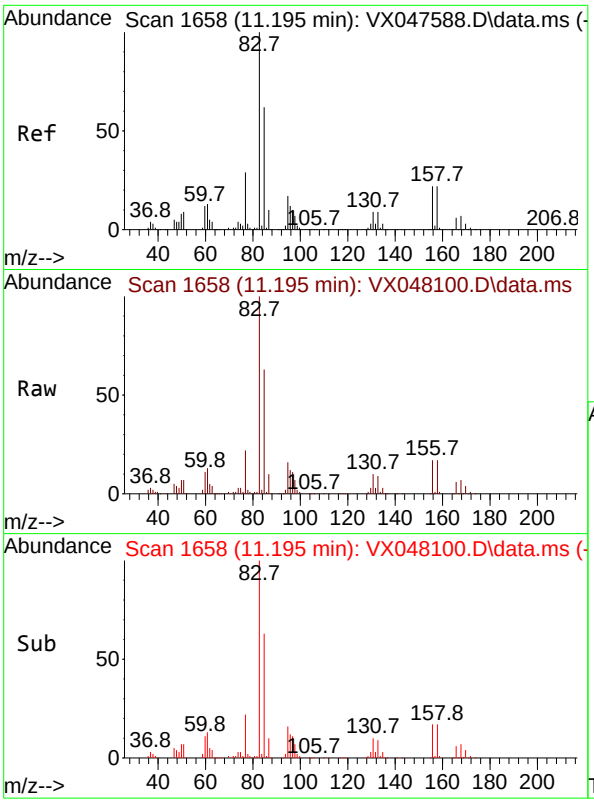


#74
N-amyl acetate
Concen: 46.230 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

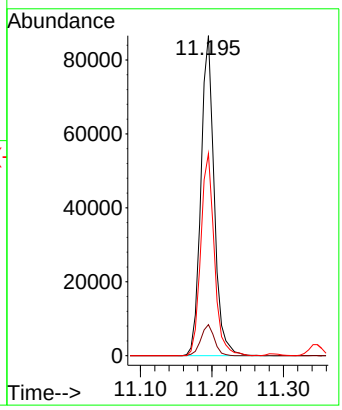




#75
1,1,2,2-Tetrachloroethane
Concen: 50.181 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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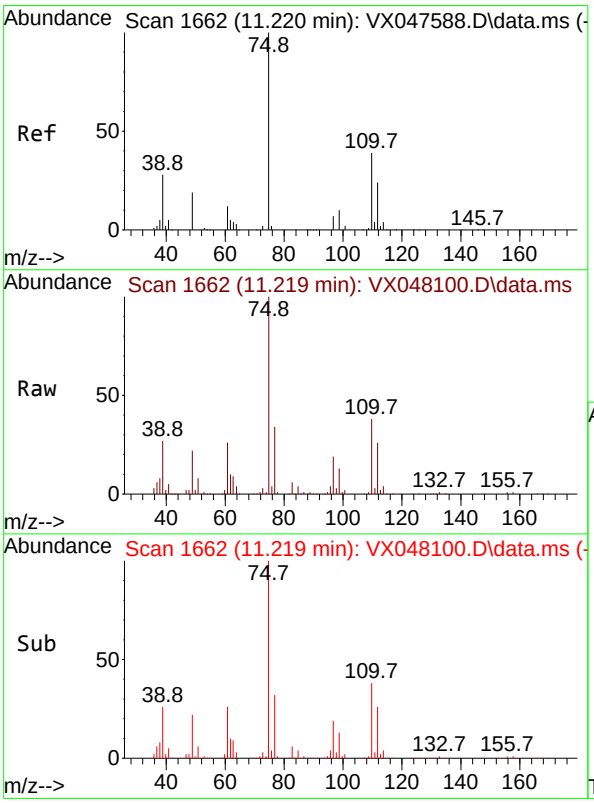
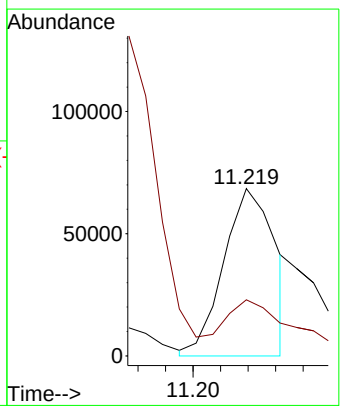
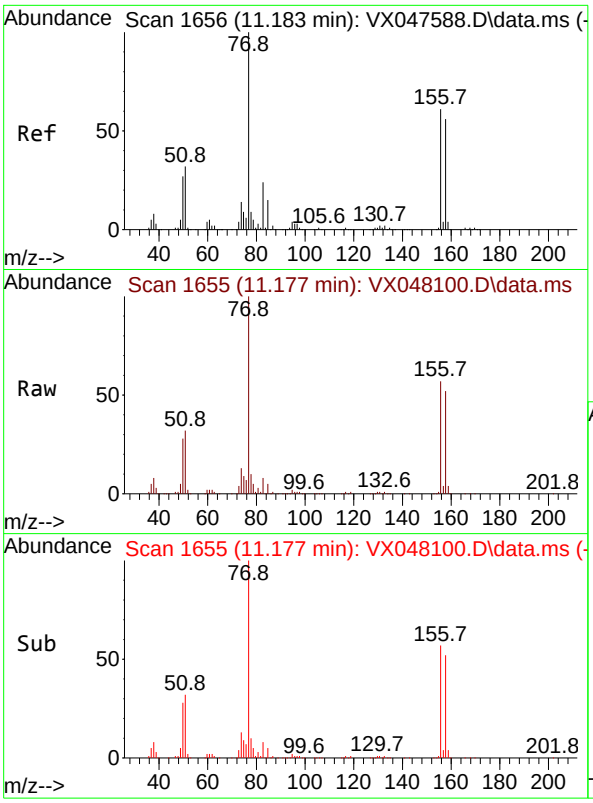


#76
1,2,3-Trichloropropane
Concen: 45.523 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 89204

Ion	Ratio	Lower	Upper
75	100		
77	46.3	18.8	56.4

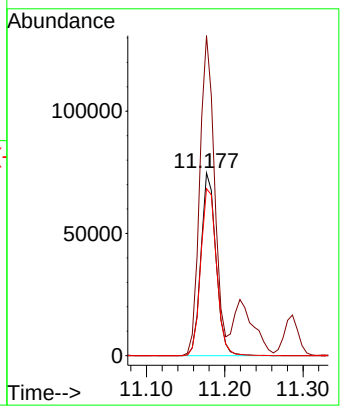




#77
Bromobenzene
Concen: 54.799 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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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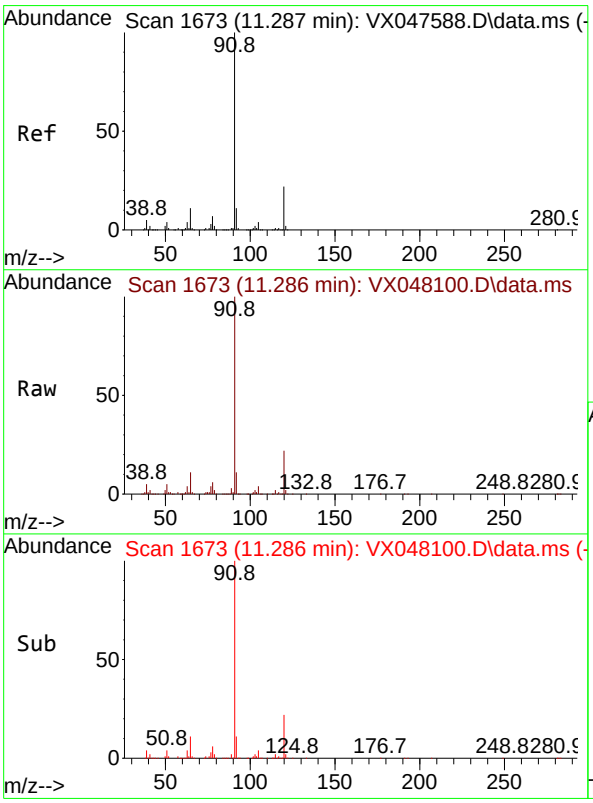
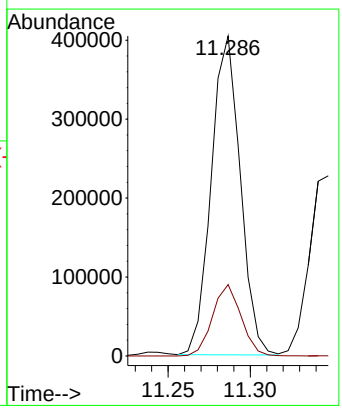
Supervised By :Mahesh Dadoda 10/13/2025

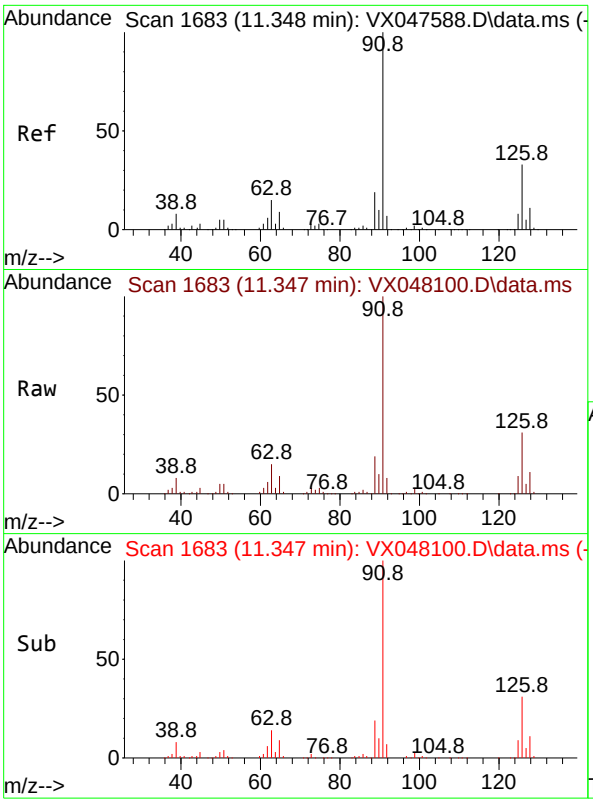


#78
n-propylbenzene
Concen: 57.121 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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
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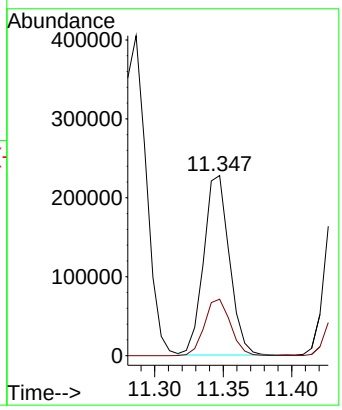
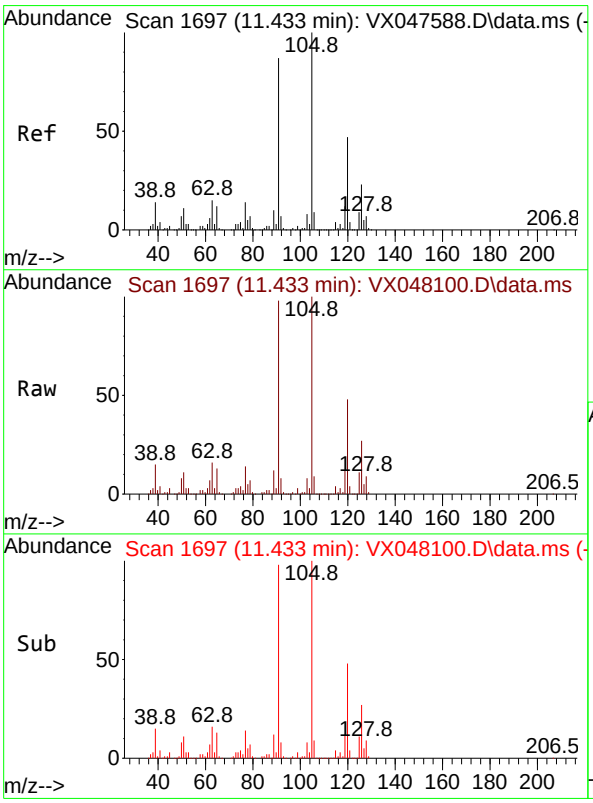
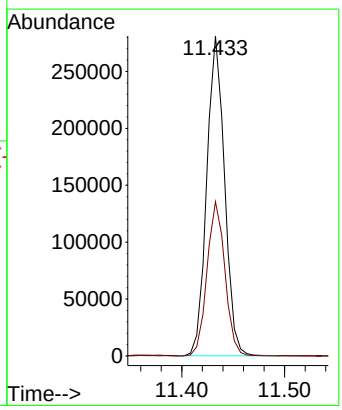


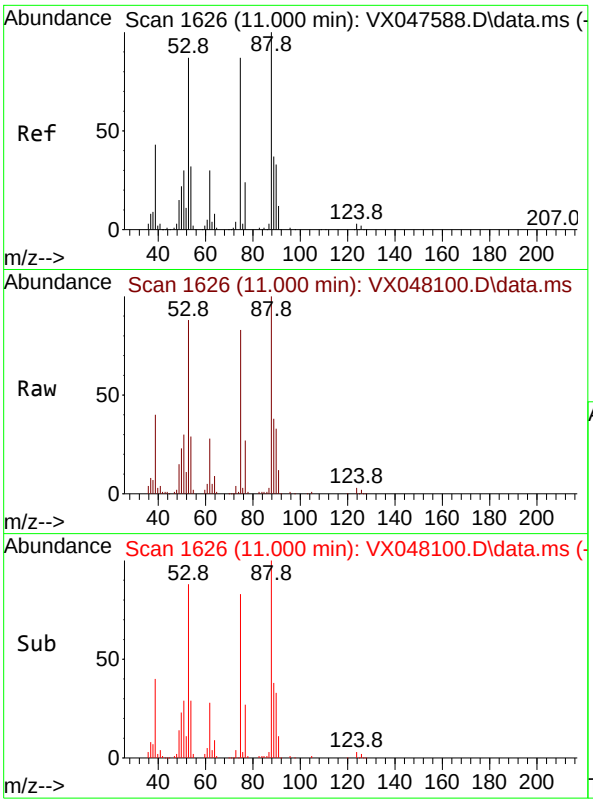


#80
1,3,5-Trimethylbenzene
Concen: 55.914 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 338016

Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.6	70.8

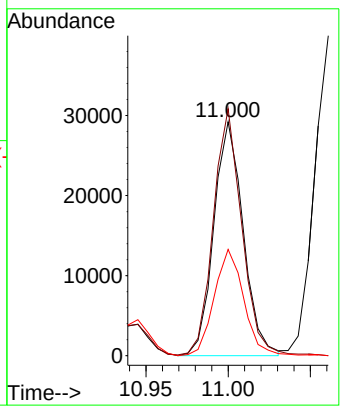




#81
trans-1,4-Dichloro-2-butene
Concen: 47.261 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
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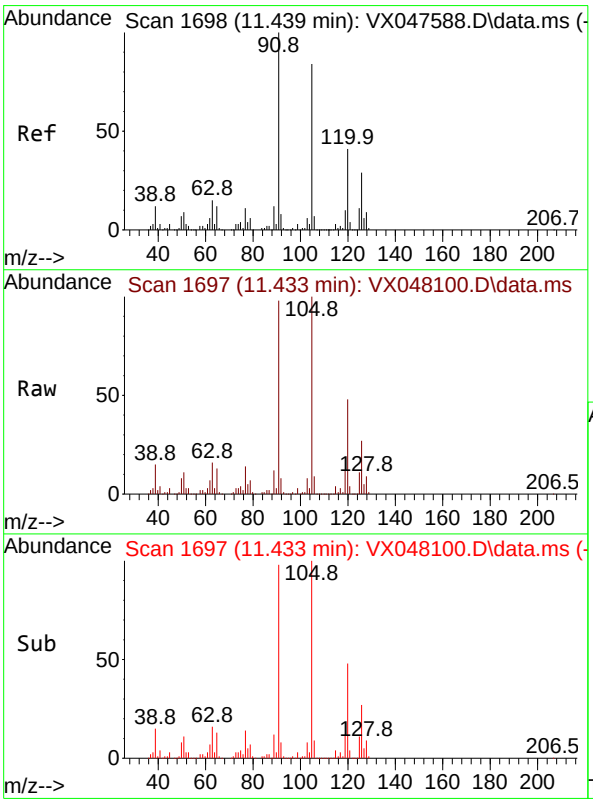
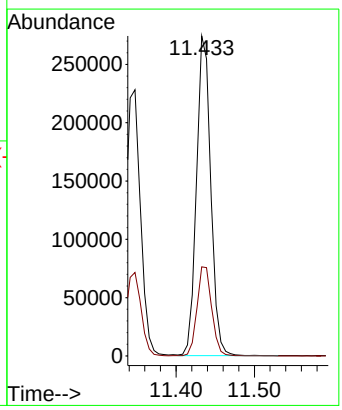
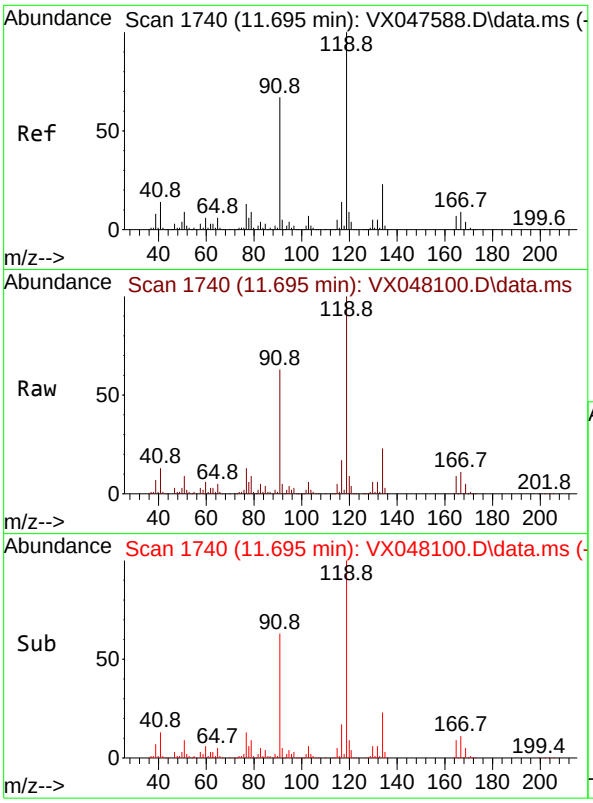


#82
4-Chlorotoluene
Concen: 55.281 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 91 Resp: 347825

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

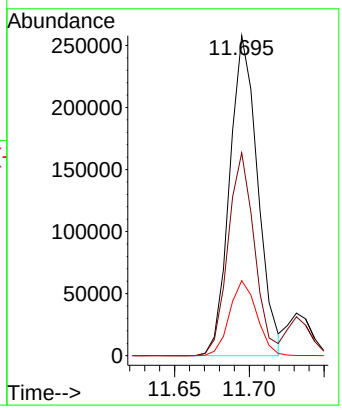




#83
tert-Butylbenzene
Concen: 54.322 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
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ClientSampleId :
VSTDCCC050

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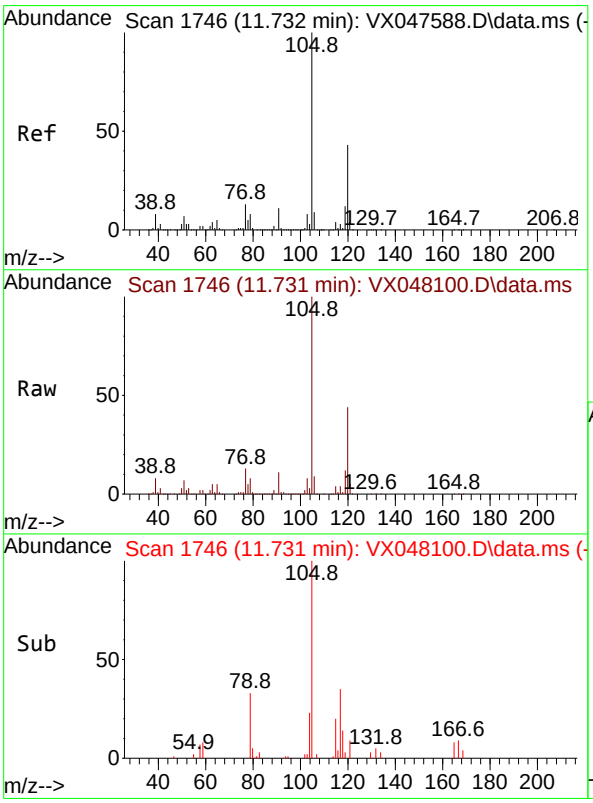
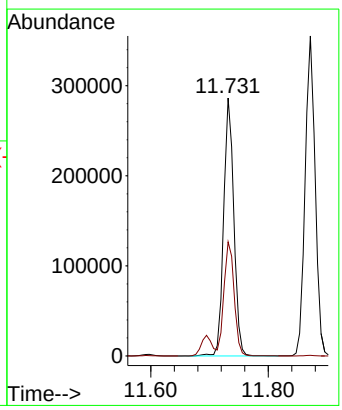
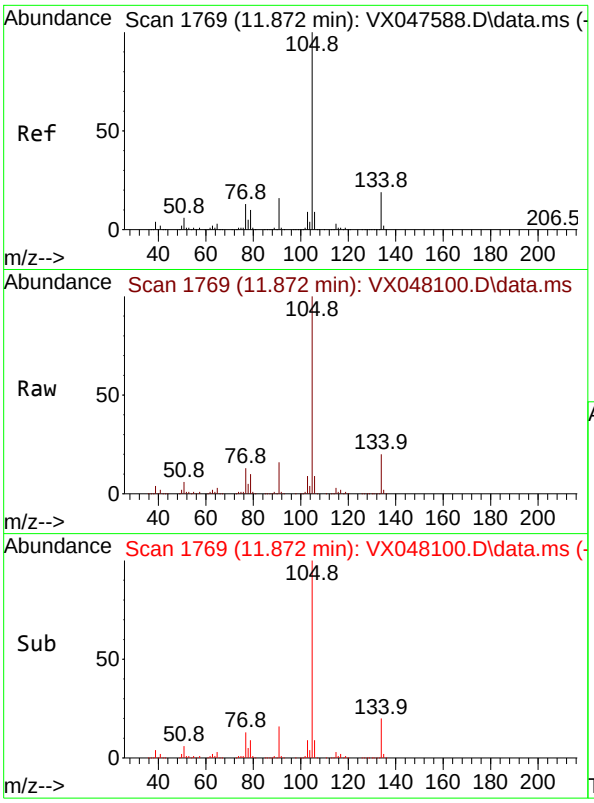


#84
1,2,4-Trimethylbenzene
Concen: 56.322 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 345195

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1

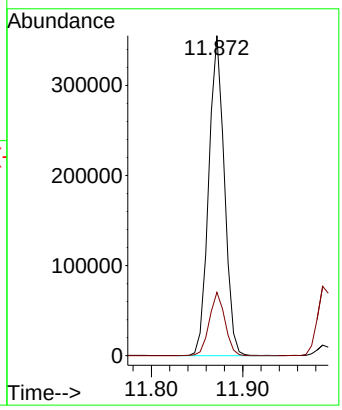




#85
sec-Butylbenzene
Concen: 57.181 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 42031

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5



Instrument :
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ClientSampleId :
VSTDCCC050

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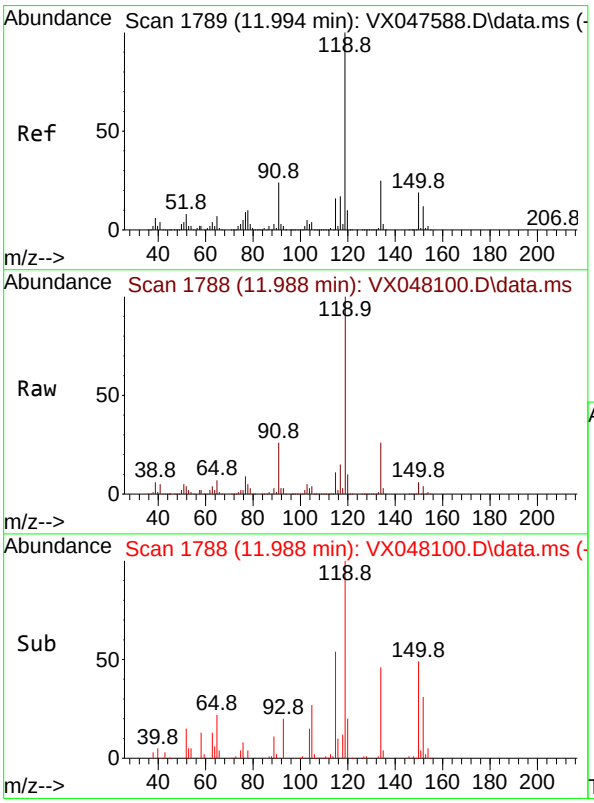
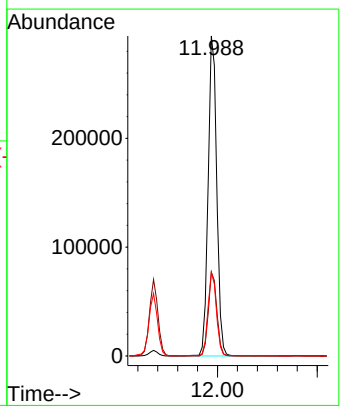
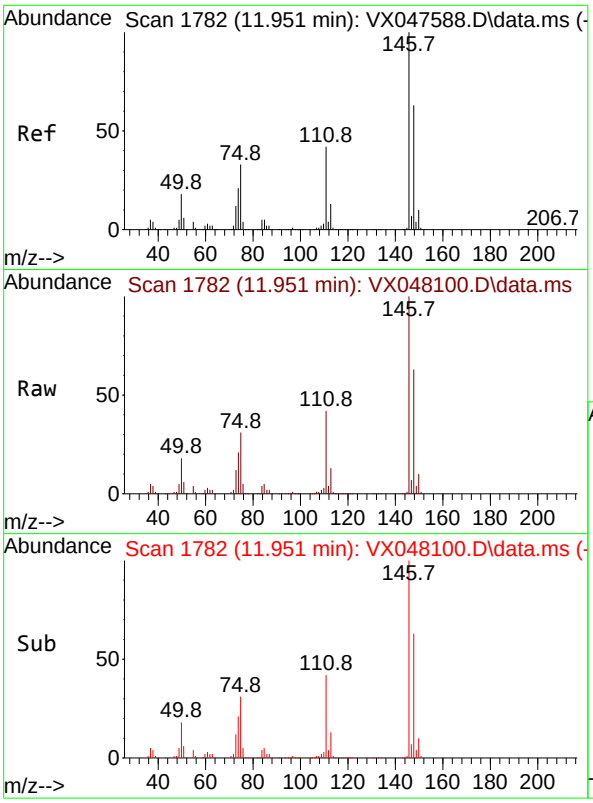


#86
p-Isopropyltoluene
Concen: 56.570 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

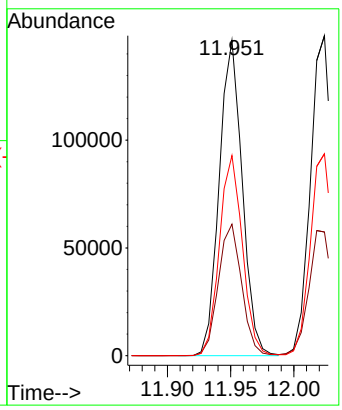




#87
1,3-Dichlorobenzene
Concen: 54.956 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

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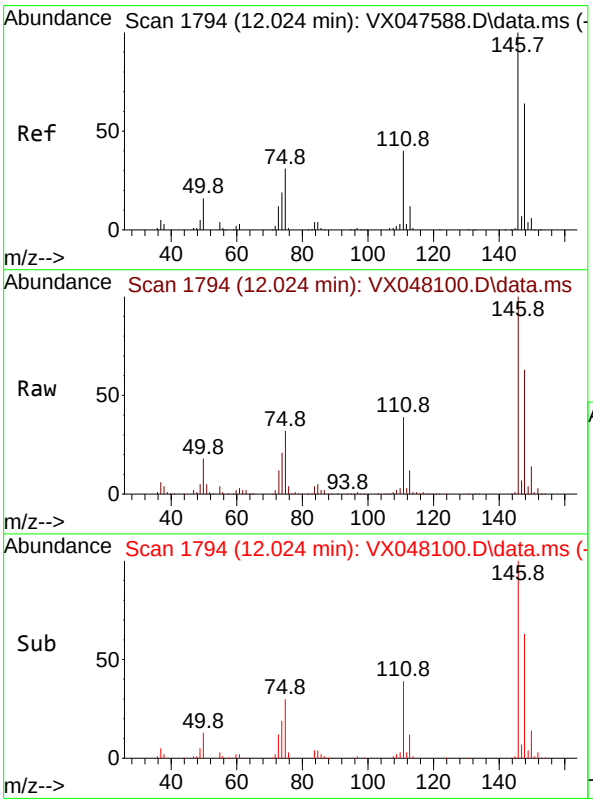
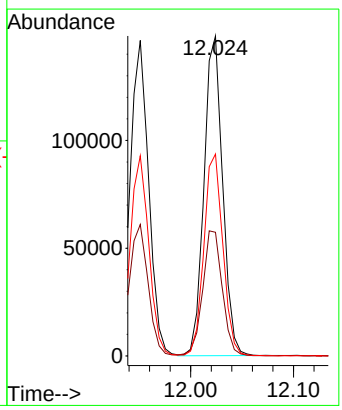
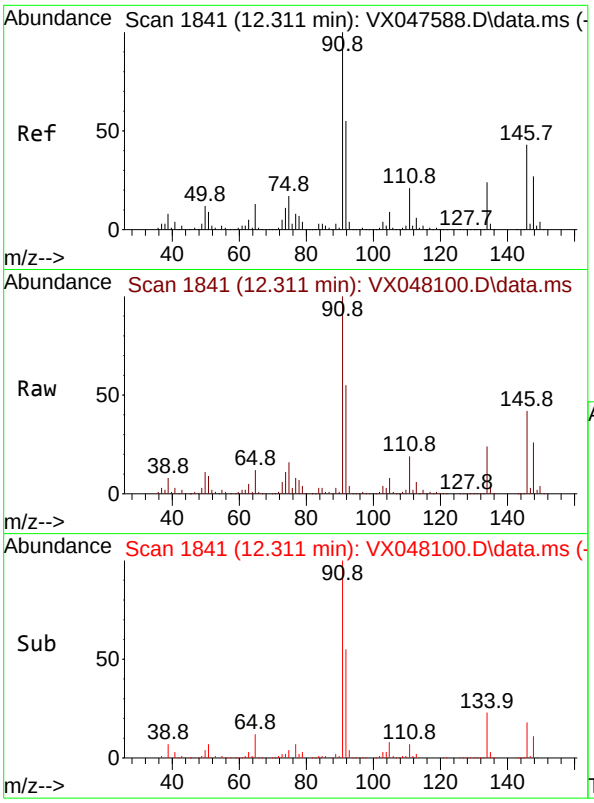


#88
1,4-Dichlorobenzene
Concen: 54.079 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

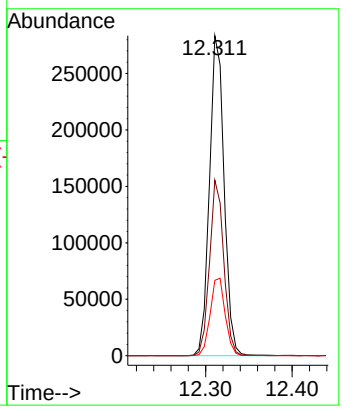




#89
n-Butylbenzene
Concen: 57.851 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

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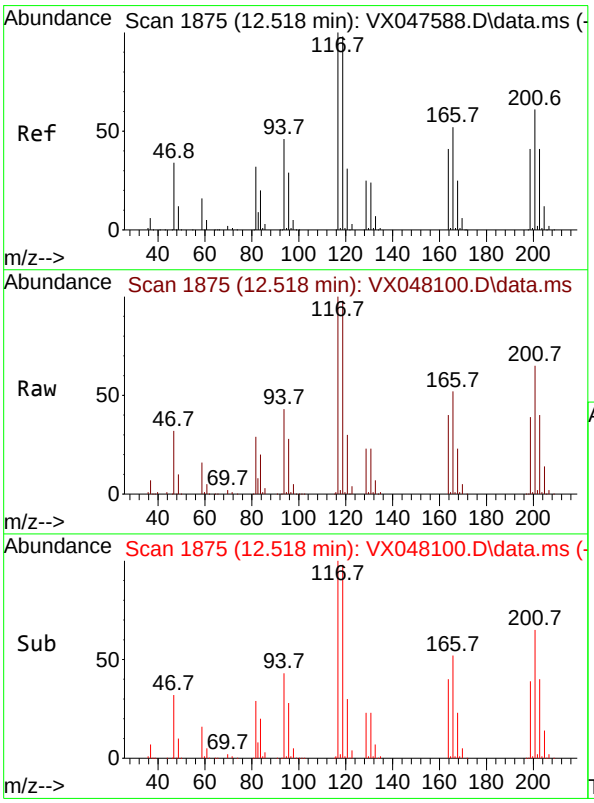
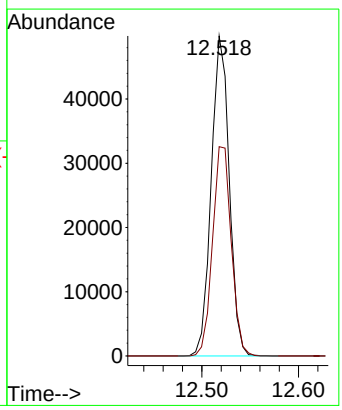
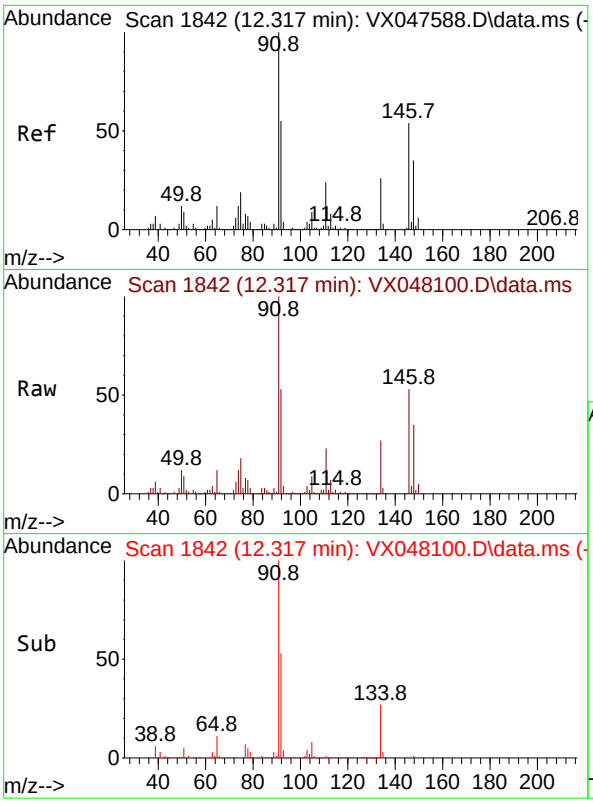


#90
Hexachloroethane
Concen: 58.920 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:117 Resp: 64375

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.2	102.5

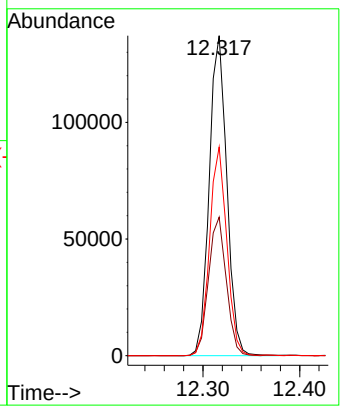




#91
1,2-Dichlorobenzene
Concen: 54.103 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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 :
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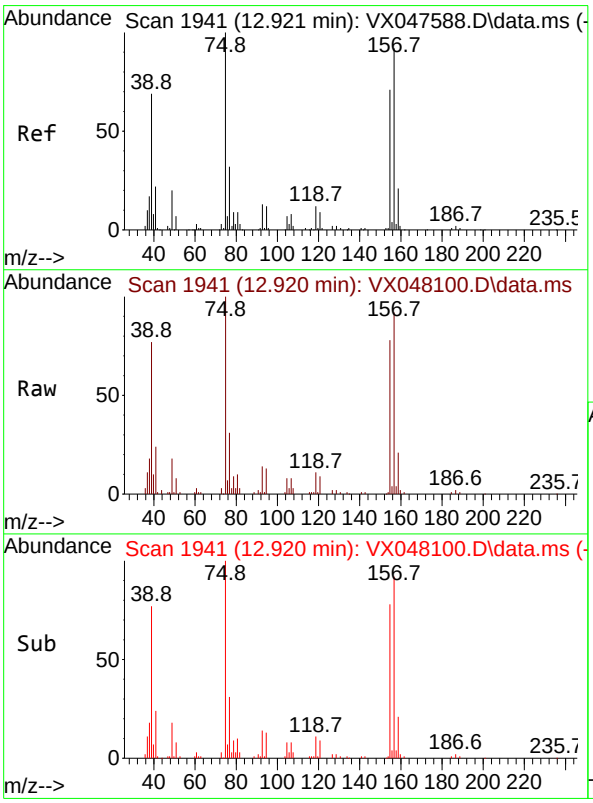
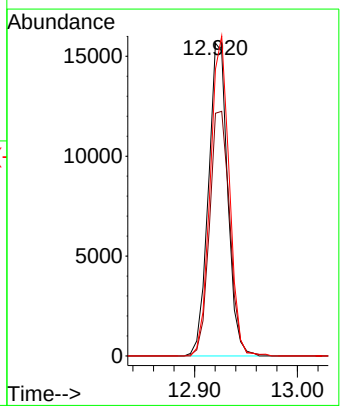
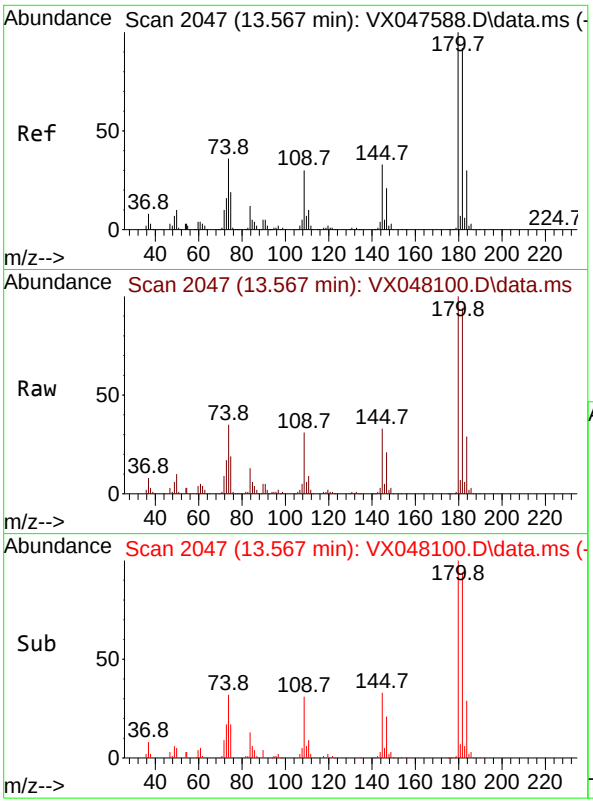


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.201 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

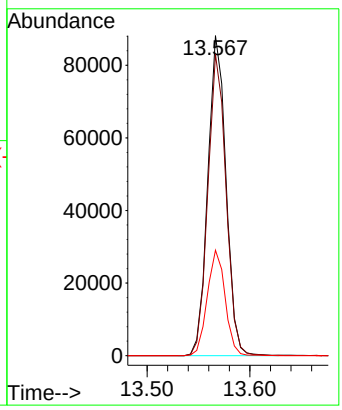




#93
1,2,4-Trichlorobenzene
Concen: 52.181 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

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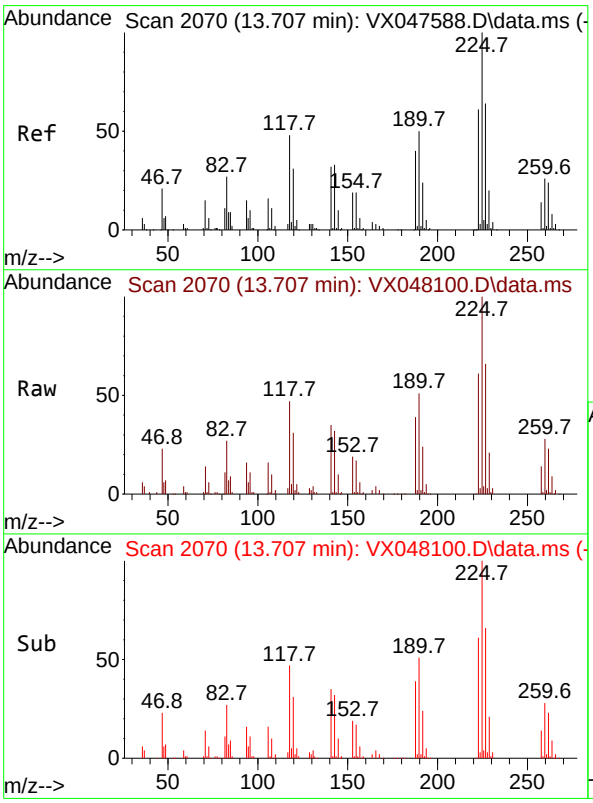
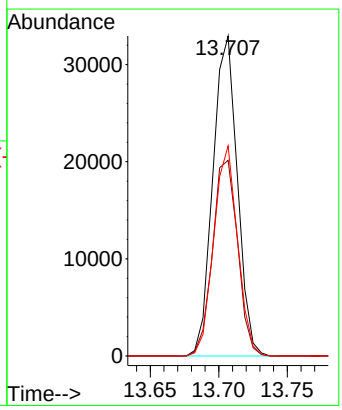
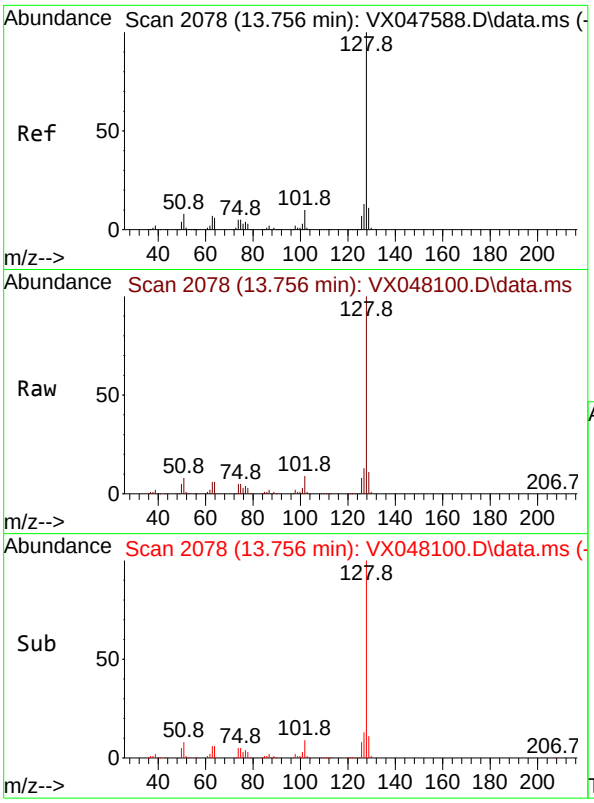


#94
Hexachlorobutadiene
Concen: 57.698 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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

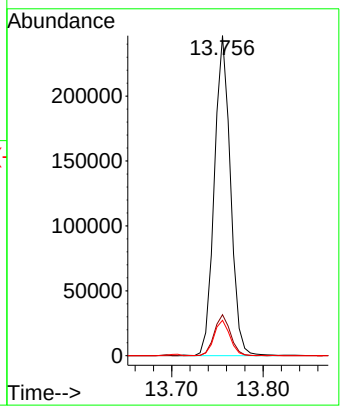




#95
Naphthalene
Concen: 47.508 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:128 Resp: 30151

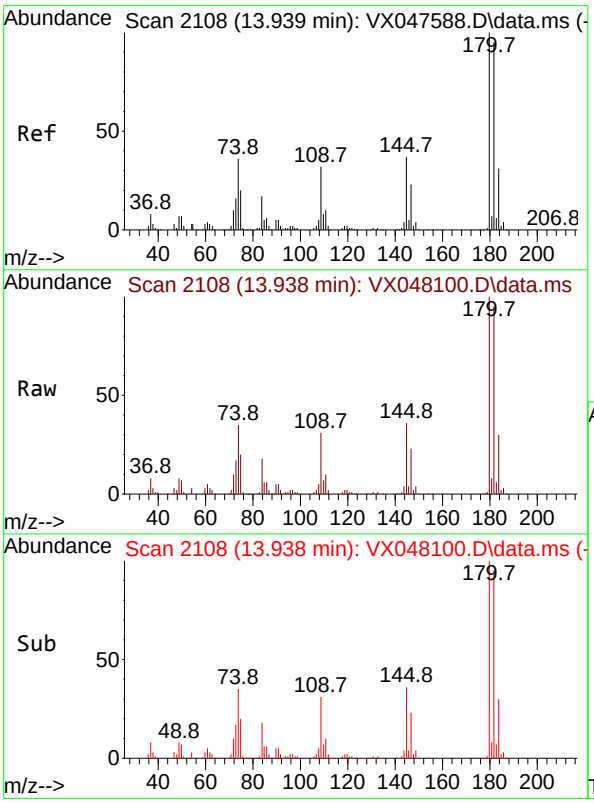
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

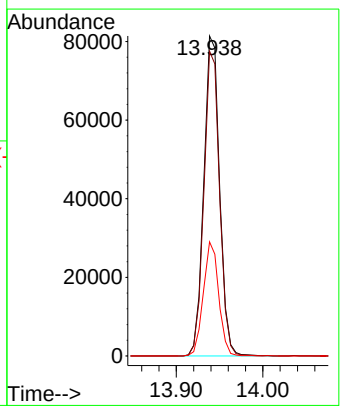
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#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: TETR06
Lab Code: ACE
SDG No.: Q3324
Instrument ID: MSVOA_X
Calibration Date/Time: 10/10/2025 19:40
Lab File ID: VX048124.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	0.617		19.11	50
Chloromethane	0.680	0.743	0.1	9.27	50
Vinyl Chloride	0.666	0.797		19.67	50
Bromomethane	0.422	0.510		20.85	50
Chloroethane	0.445	0.508		14.16	50
Trichlorofluoromethane	0.989	1.152		16.48	50
1,1,2-Trichlorotrifluoroethane	0.578	0.650		12.46	50
1,1-Dichloroethene	0.594	0.679		14.31	50
Acetone	0.346	0.280		-19.08	50
Carbon Disulfide	1.626	1.966		20.91	50
Methyl tert-butyl Ether	2.169	2.347		8.21	50
Methyl Acetate	0.770	0.721		-6.36	50
Methylene Chloride	0.732	0.826		12.84	50
trans-1,2-Dichloroethene	0.640	0.741		15.78	50
1,1-Dichloroethane	1.263	1.427	0.1	12.98	50
Cyclohexane	1.052	1.175		11.69	50
2-Butanone	0.432	0.424		-1.85	50
Carbon Tetrachloride	0.532	0.566		6.39	50
cis-1,2-Dichloroethene	0.783	0.891		13.79	50
Bromochloromethane	0.551	0.649		17.79	50
Chloroform	1.276	1.469		15.13	50
1,1,1-Trichloroethane	1.082	1.227		13.4	50
Methylcyclohexane	0.556	0.594		6.84	50
Benzene	1.488	1.653		11.09	50
1,2-Dichloroethane	0.566	0.617		9.01	50
Trichloroethene	0.360	0.392		8.89	50
1,2-Dichloropropane	0.381	0.421		10.5	50
Bromodichloromethane	0.572	0.631		10.31	50
4-Methyl-2-Pentanone	0.477	0.494		3.56	50
Toluene	0.917	1.029		12.21	50
t-1,3-Dichloropropene	0.584	0.624		6.85	50
cis-1,3-Dichloropropene	0.624	0.688		10.26	50
1,1,2-Trichloroethane	0.354	0.387		9.32	50
2-Hexanone	0.343	0.337		-1.75	50
Dibromochloromethane	0.407	0.467		14.74	50
1,2-Dibromoethane	0.360	0.412		14.44	50
Tetrachloroethene	0.326	0.347		6.44	50
Chlorobenzene	1.136	1.198	0.3	5.46	50

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: TETR06
Lab Code: ACE
SDG No.: Q3324
Instrument ID: MSVOA_X
Calibration Date/Time: 10/10/2025 19:40
Lab File ID: VX048124.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	2.041		4.13	50
m/p-Xylenes	0.729	0.782		7.27	50
o-Xylene	0.706	0.740		4.82	50
Styrene	1.236	1.307		5.74	50
Bromoform	0.293	0.299	0.1	2.05	50
Isopropylbenzene	3.801	3.460		-8.97	50
1,1,2,2-Tetrachloroethane	1.150	1.042	0.3	-9.39	50
1,3-Dichlorobenzene	1.739	1.598		-8.11	50
1,4-Dichlorobenzene	1.785	1.614		-9.58	50
1,2-Dichlorobenzene	1.657	1.535		-7.36	50
1,2-Dibromo-3-Chloropropane	0.233	0.200		-14.16	50
1,2,4-Trichlorobenzene	1.077	0.936		-13.09	50
1,2,3-Trichlorobenzene	1.002	0.875		-12.68	50
1,2-Dichloroethane-d4	0.796	0.857		7.66	50
Dibromofluoromethane	0.335	0.345		2.98	50
Toluene-d8	1.160	1.159		-0.09	50
4-Bromofluorobenzene	0.440	0.478		8.64	50

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 : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 10 23:54:14 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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	5.544	168	115924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	213821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99304	53.817	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.640%			
35) Dibromofluoromethane	5.373	113	73813	51.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	8.635	98	247909	49.962	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.920%			
62) 4-Bromofluorobenzene	11.061	95	102307	54.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	71543	59.599	ug/l	99
3) Chloromethane	1.301	50	86176	54.622	ug/l	99
4) Vinyl Chloride	1.380	62	92443	59.858	ug/l	98
5) Bromomethane	1.612	94	59066	60.314	ug/l	95
6) Chloroethane	1.691	64	58887	57.050	ug/l	96
7) Trichlorofluoromethane	1.898	101	133569	58.249	ug/l	99
8) Diethyl Ether	2.136	74	51311	54.701	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	75360	56.204	ug/l	100
10) Methyl Iodide	2.459	142	108727	51.994	ug/l	98
11) Tert butyl alcohol	2.947	59	46469	226.118	ug/l	98
12) 1,1-Dichloroethene	2.325	96	78691	57.134	ug/l	95
13) Acrolein	2.240	56	48494	256.068	ug/l	99
14) Allyl chloride	2.666	41	146978	51.715	ug/l	99
15) Acrylonitrile	3.056	53	207552	272.659	ug/l	99
16) Acetone	2.374	43	162518	202.563	ug/l	98
17) Carbon Disulfide	2.514	76	227932	60.452	ug/l	100
18) Methyl Acetate	2.703	43	83613	46.828	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	272093	54.118	ug/l	98
20) Methylene Chloride	2.788	84	95705	56.354	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	85855	57.899	ug/l	98
22) Diisopropyl ether	3.751	45	308357	55.983	ug/l #	80
23) Vinyl Acetate	3.715	43	1250296	283.620	ug/l	100
24) 1,1-Dichloroethane	3.605	63	165382	56.491	ug/l	97
25) 2-Butanone	4.544	43	245843	245.652	ug/l	97
26) 2,2-Dichloropropane	4.471	77	120065	49.337	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	103270	56.868	ug/l	97
28) Bromochloromethane	4.885	49	75279	58.900	ug/l	99
29) Tetrahydrofuran	4.989	42	154067	255.907	ug/l	99
30) Chloroform	5.087	83	170257	57.550	ug/l	94
31) Cyclohexane	5.465	56	136213	55.864	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	142215	56.674	ug/l	99
36) 1,1-Dichloropropene	5.684	75	112448	53.664	ug/l	100
37) Ethyl Acetate	4.702	43	111112	49.524	ug/l	100
38) Carbon Tetrachloride	5.672	117	120916	53.110	ug/l	95
39) Methylcyclohexane	7.367	83	126913	53.357	ug/l	97
40) Benzene	6.025	78	353456	55.537	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 10 23:54:14 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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	4.904	41	58889	50.842	ug/l		99
42) 1,2-Dichloroethane	6.074	62	131974	54.500	ug/l		100
43) Isopropyl Acetate	6.324	43	182608	49.627	ug/l		99
44) Trichloroethene	7.111	130	83781	54.451	ug/l		98
45) 1,2-Dichloropropane	7.415	63	90070	55.269	ug/l		99
46) Dibromomethane	7.568	93	66354	55.952	ug/l		99
47) Bromodichloromethane	7.806	83	134946	55.144	ug/l		99
48) Methyl methacrylate	7.678	41	93383	50.949	ug/l		99
49) 1,4-Dioxane	7.647	88	20865	1126.435	ug/l		96
51) 4-Methyl-2-Pentanone	8.562	43	527706	258.661	ug/l		100
52) Toluene	8.702	92	220041	56.118	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	133380	53.434	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	147096	55.133	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	82800	54.764	ug/l		96
56) Ethyl methacrylate	9.104	69	128555	54.141	ug/l		98
57) 1,3-Dichloropropane	9.293	76	146320	56.337	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	300624	263.994	ug/l		100
59) 2-Hexanone	9.415	43	359879	245.611	ug/l		99
60) Dibromochloromethane	9.507	129	99916	57.354	ug/l		100
61) 1,2-Dibromoethane	9.592	107	88086	57.200	ug/l		100
64) Tetrachloroethene	9.263	164	70394	53.291	ug/l		97
65) Chlorobenzene	10.061	112	242656	52.712	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	83378	52.488	ug/l		99
67) Ethyl Benzene	10.177	91	413625	52.075	ug/l		99
68) m/p-Xylenes	10.287	106	316828	107.168	ug/l		98
69) o-Xylene	10.622	106	149891	52.418	ug/l		99
70) Styrene	10.640	104	264817	52.853	ug/l		98
71) Bromoform	10.781	173	60646	51.130	ug/l	#	99
73) Isopropylbenzene	10.945	105	377029	45.514	ug/l		98
74) N-amyl acetate	10.829	43	162680	43.065	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	113538	45.302	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	102201m	46.327	ug/l		
77) Bromobenzene	11.183	156	96645	47.370	ug/l		97
78) n-propylbenzene	11.287	91	455204	46.485	ug/l		99
79) 2-Chlorotoluene	11.348	91	276346	46.076	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	316254	46.468	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	33955	39.251	ug/l		100
82) 4-Chlorotoluene	11.439	91	328330	46.351	ug/l		99
83) tert-Butylbenzene	11.695	119	315475	45.281	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	324439	47.020	ug/l		99
85) sec-Butylbenzene	11.872	105	379460	45.854	ug/l		100
86) p-Isopropyltoluene	11.994	119	319363	45.585	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	174074	45.935	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	175818	45.205	ug/l		100
89) n-Butylbenzene	12.317	91	293175	45.225	ug/l		99
90) Hexachloroethane	12.518	117	57744	46.945	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	167273	46.332	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	21745	42.854	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	102039	43.488	ug/l		98
94) Hexachlorobutadiene	13.707	225	34201	42.912	ug/l		99
95) Naphthalene	13.756	128	310337	43.435	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	95358	43.689	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 10 23:54:14 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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

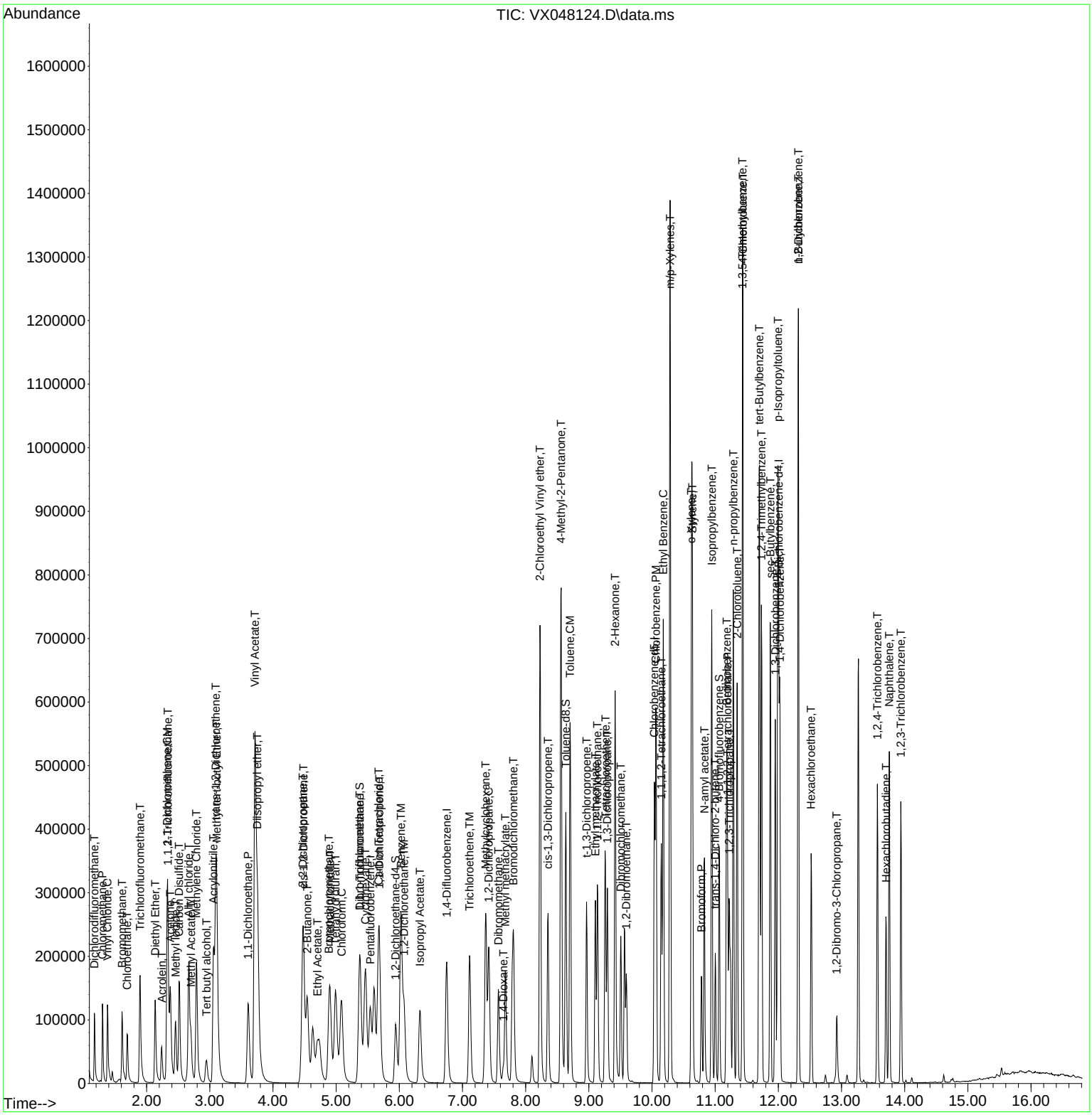
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

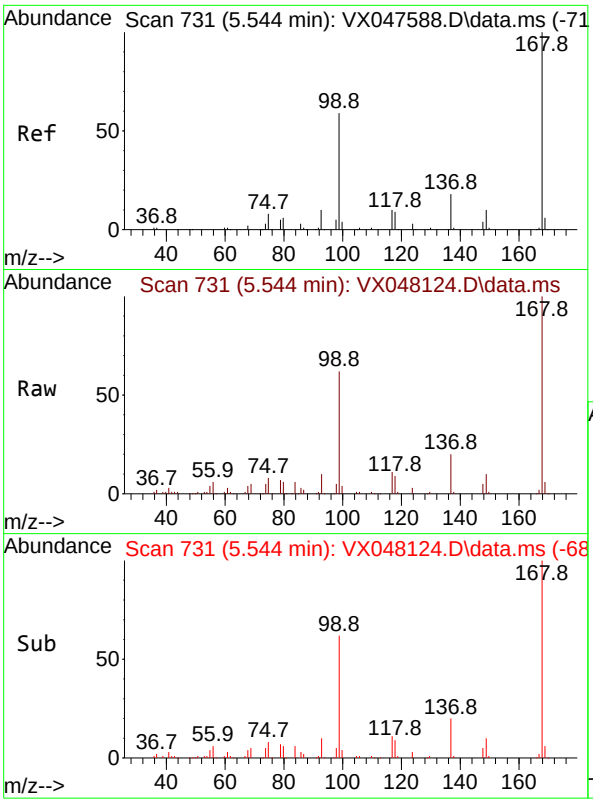
Quant Time: Oct 10 23:54:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

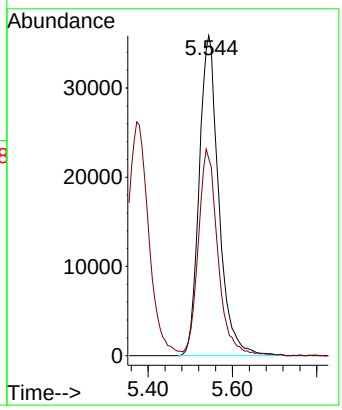




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:168 Resp: 11592

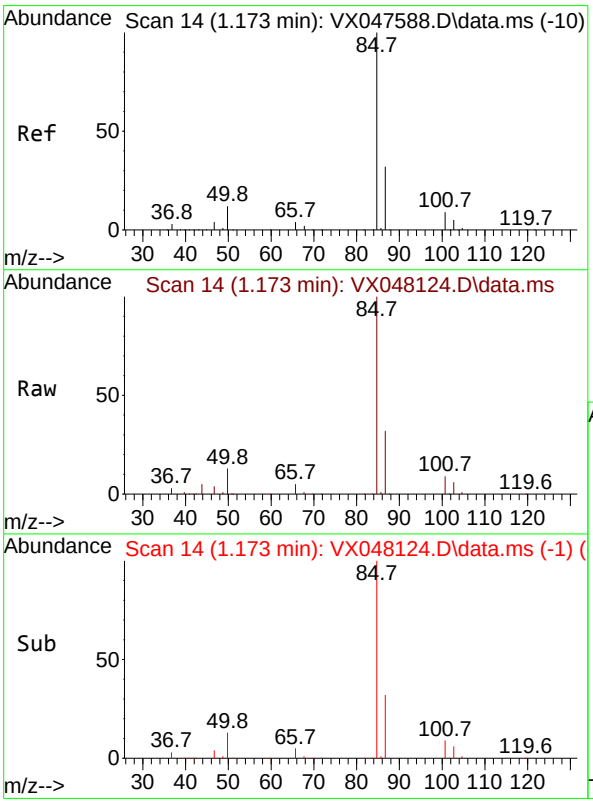
Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

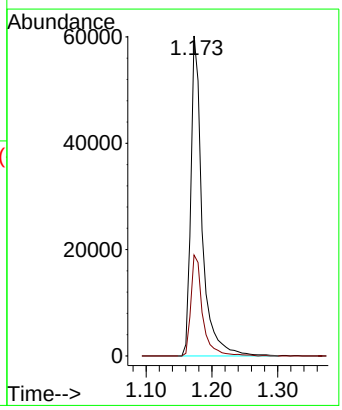
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

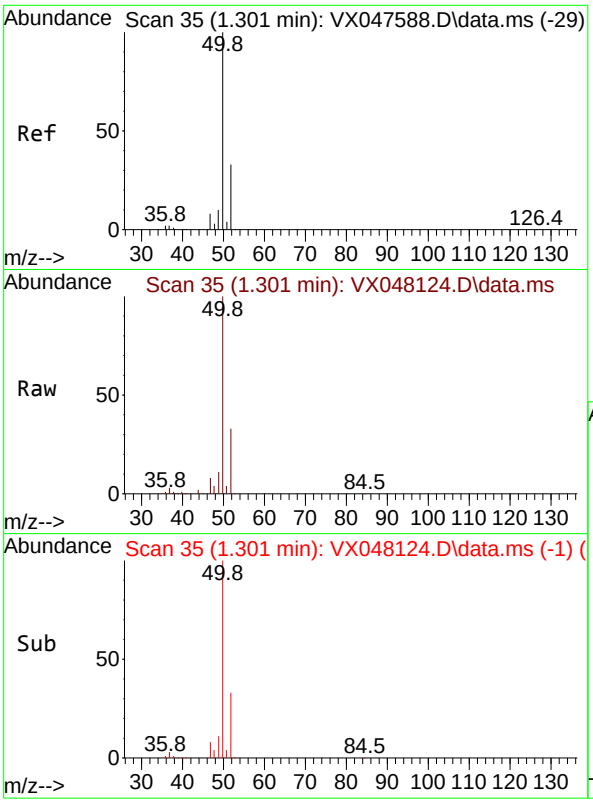


#2
Dichlorodifluoromethane
Concen: 59.599 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 85 Resp: 71543

Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.8	47.3

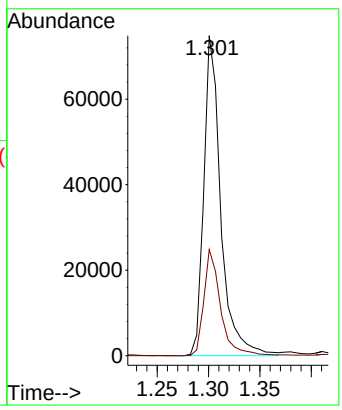




#3
Chloromethane
Concen: 54.622 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 50 Resp: 8617

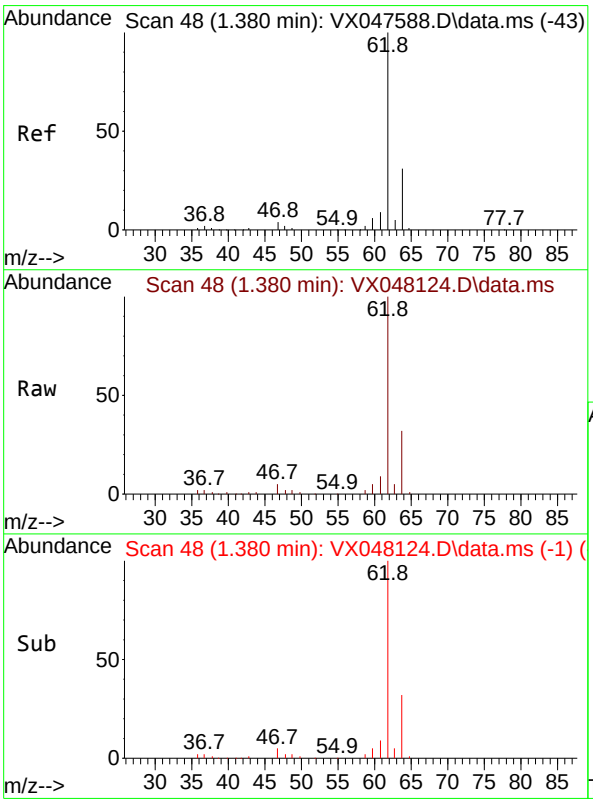
Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

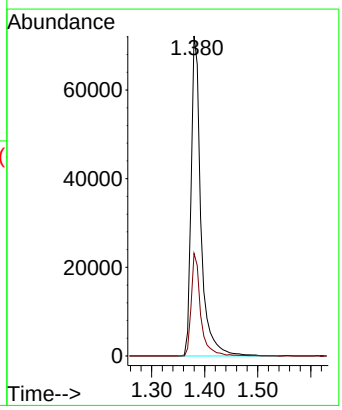
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

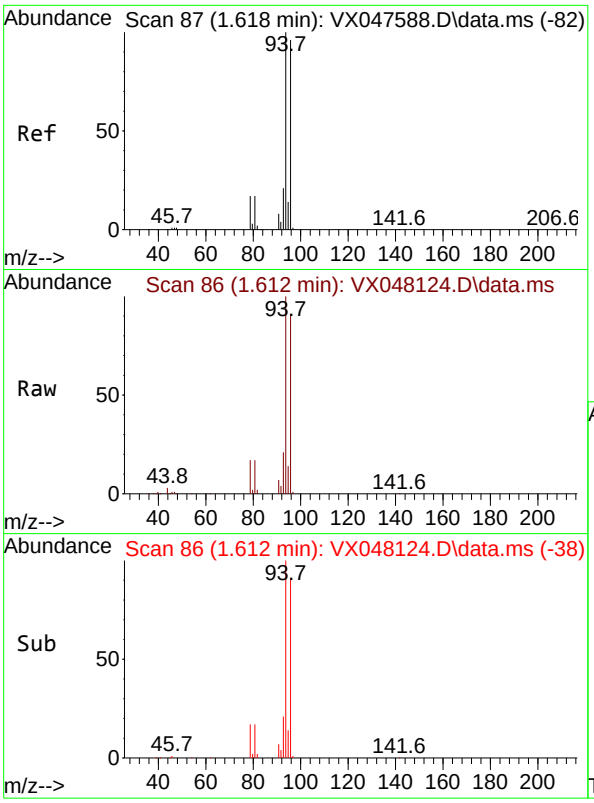


#4
Vinyl Chloride
Concen: 59.858 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 62 Resp: 92443

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3

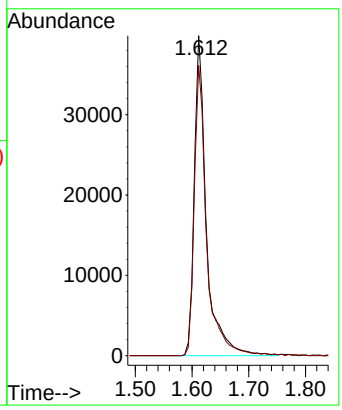




#5
Bromomethane
Concen: 60.314 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 94 Resp: 5906

Ion	Ratio	Lower	Upper
94	100		
96	90.7	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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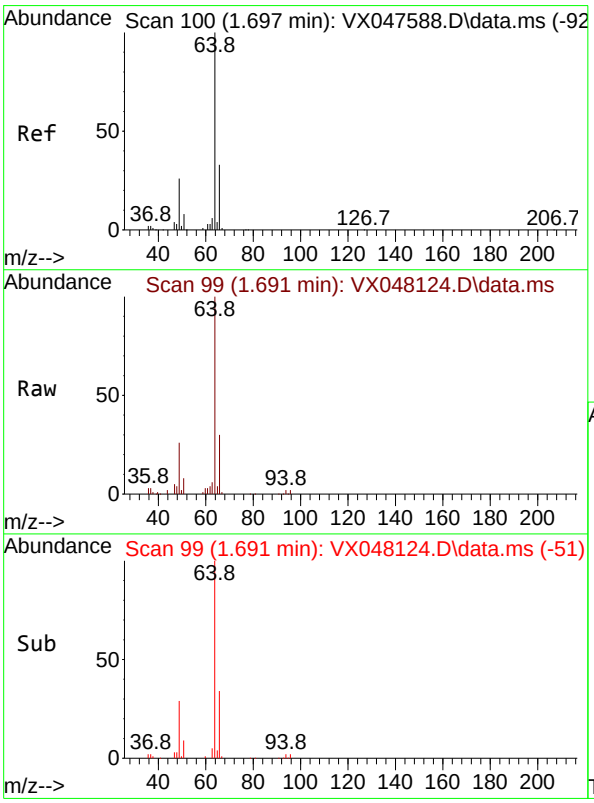
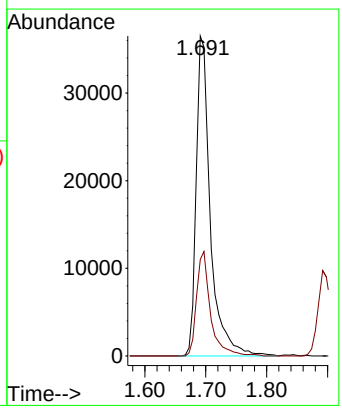
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

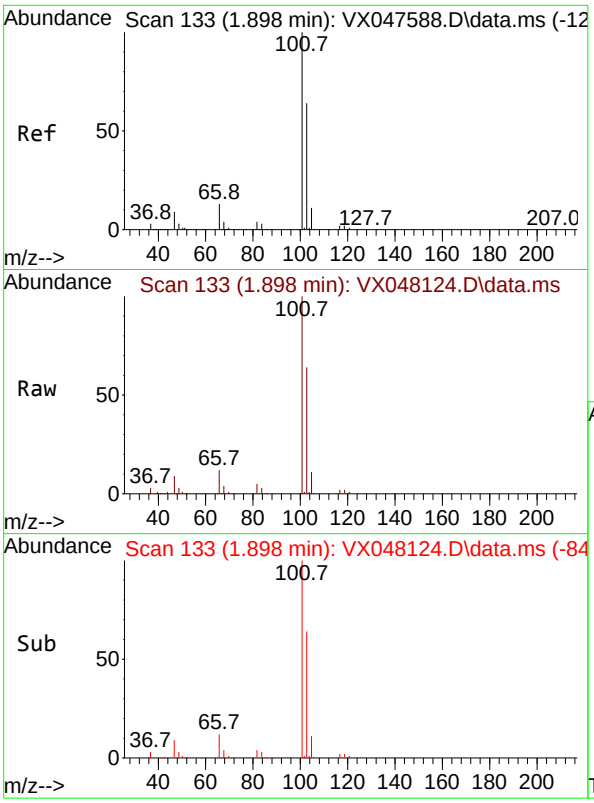


#6
Chloroethane
Concen: 57.050 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 64 Resp: 58887

Ion	Ratio	Lower	Upper
64	100		
66	30.1	26.1	39.1

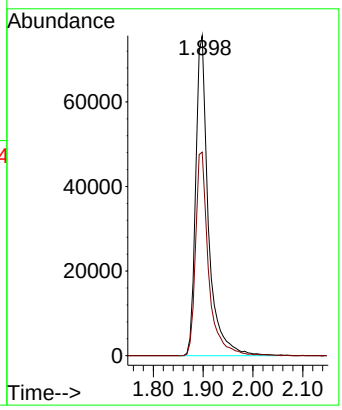




#7
Trichlorofluoromethane
Concen: 58.249 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:101 Resp: 13356

Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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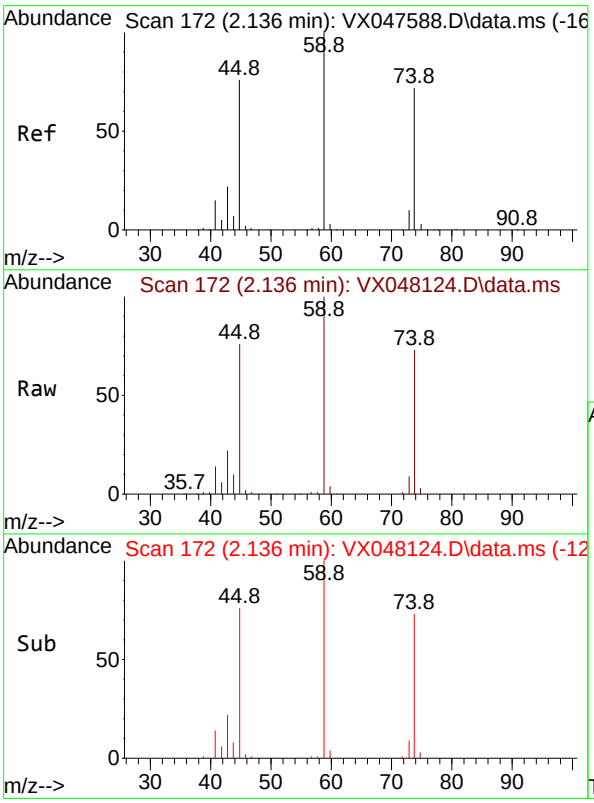
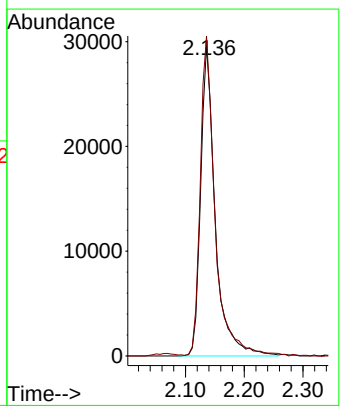
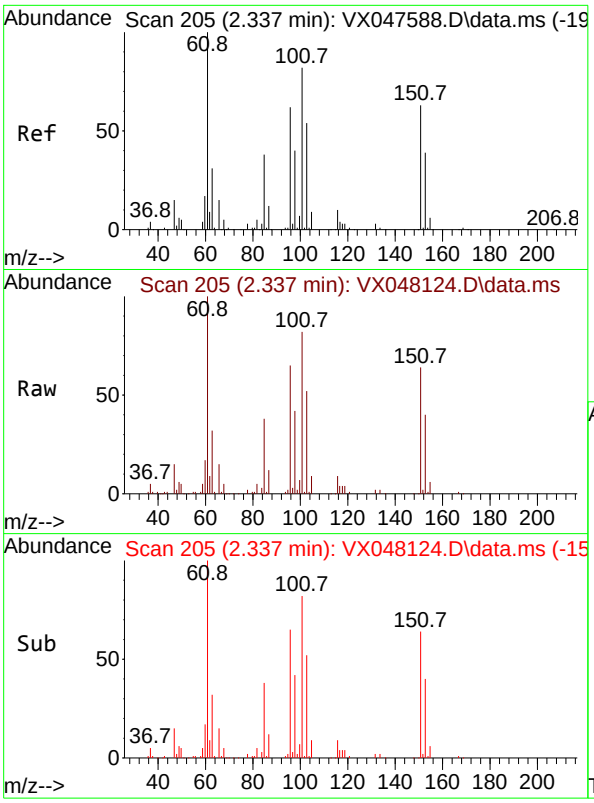


#8
Diethyl Ether
Concen: 54.701 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 74 Resp: 51311

Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	156.8

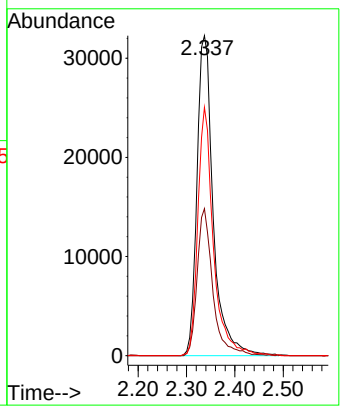




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.204 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:101 Resp: 7536

Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.5	53.3
151	74.6	59.4	89.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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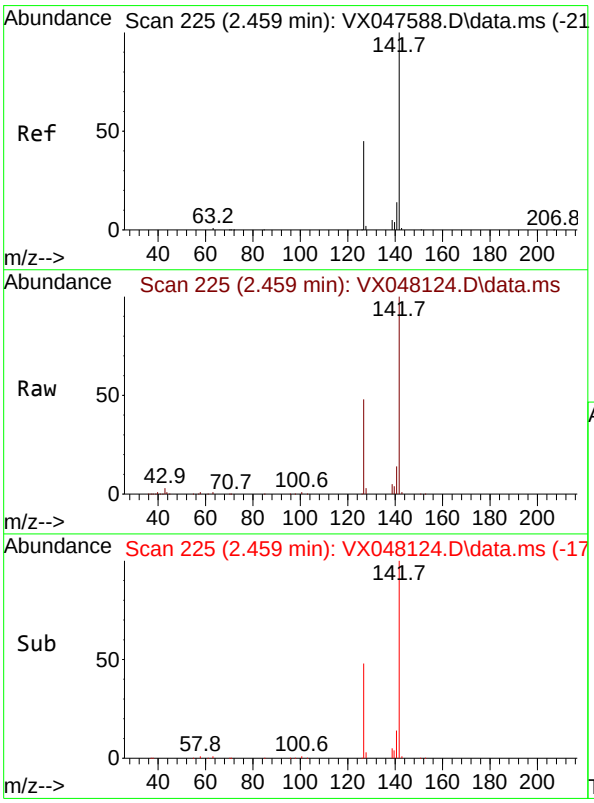
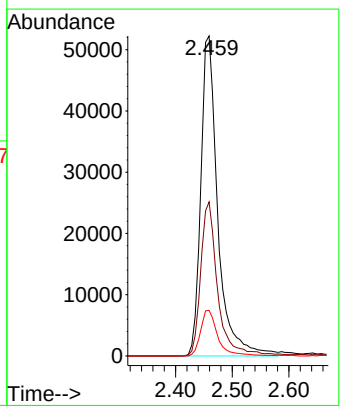
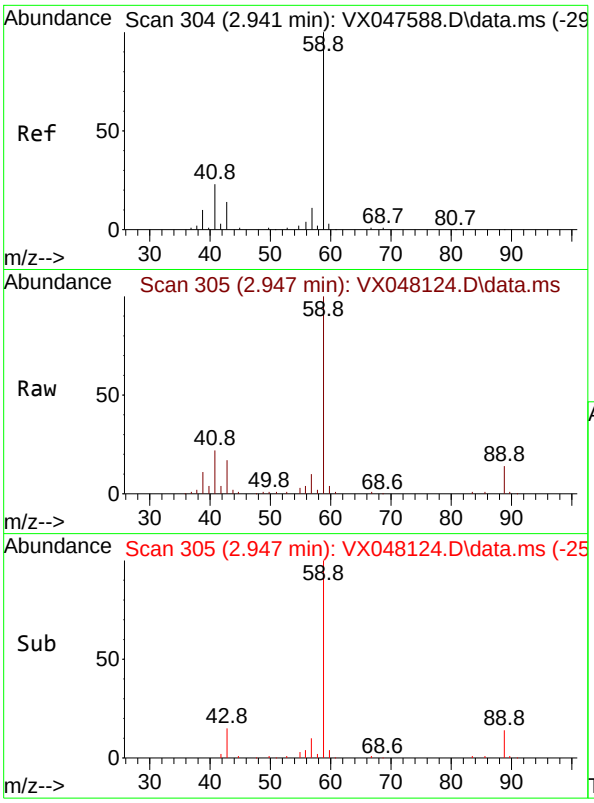


#10
Methyl Iodide
Concen: 51.994 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:142 Resp: 108727

Ion	Ratio	Lower	Upper
142	100		
127	48.1	37.2	55.8
141	14.4	11.4	17.0

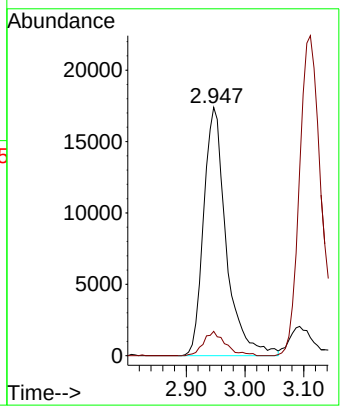




#11
Tert butyl alcohol
Concen: 226.118 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 59 Resp: 4646

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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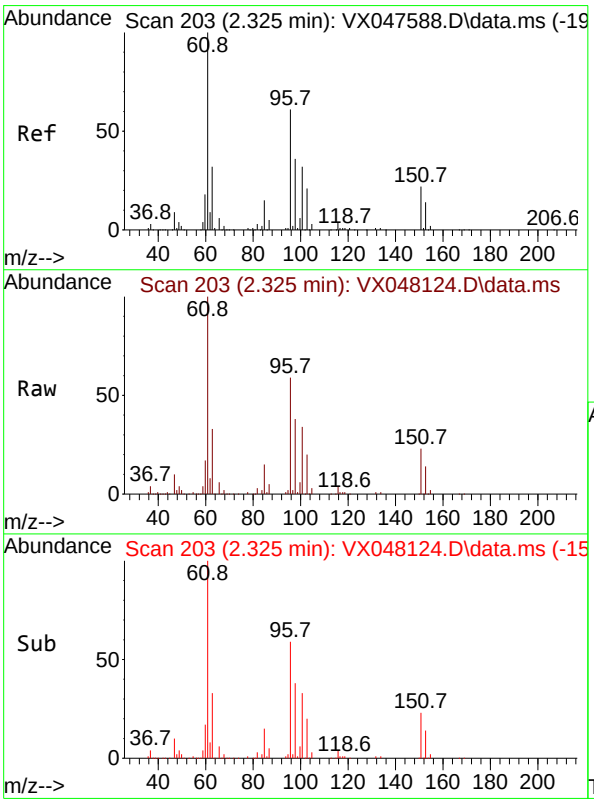
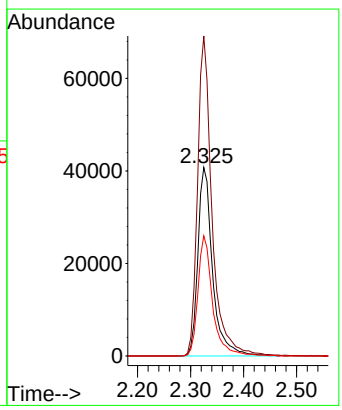
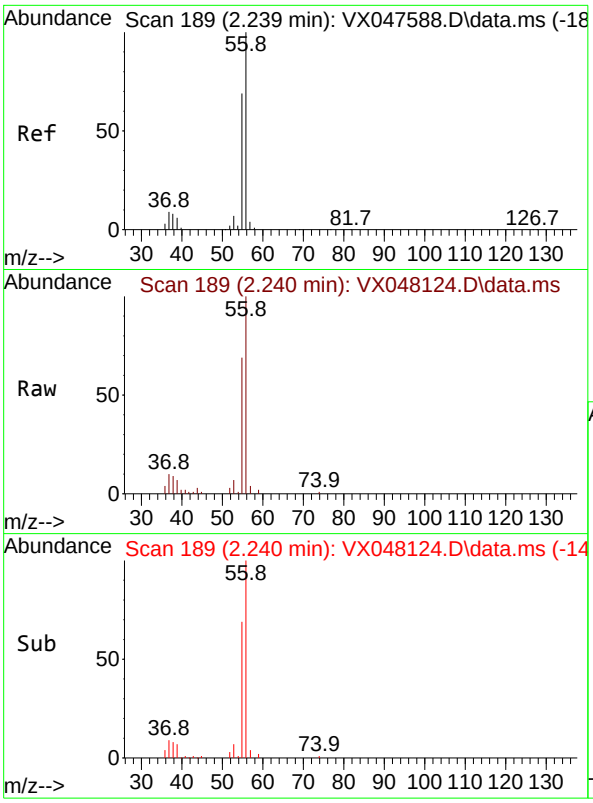


#12
1,1-Dichloroethene
Concen: 57.134 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 96 Resp: 78691

Ion	Ratio	Lower	Upper
96	100		
61	169.8	131.0	196.6
98	63.8	47.7	71.5

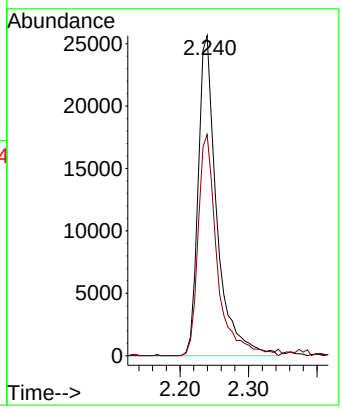




#13
Acrolein
Concen: 256.068 ug/l
RT: 2.240 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 56 Resp: 4849

Ion	Ratio	Lower	Upper
56	100		
55	70.7	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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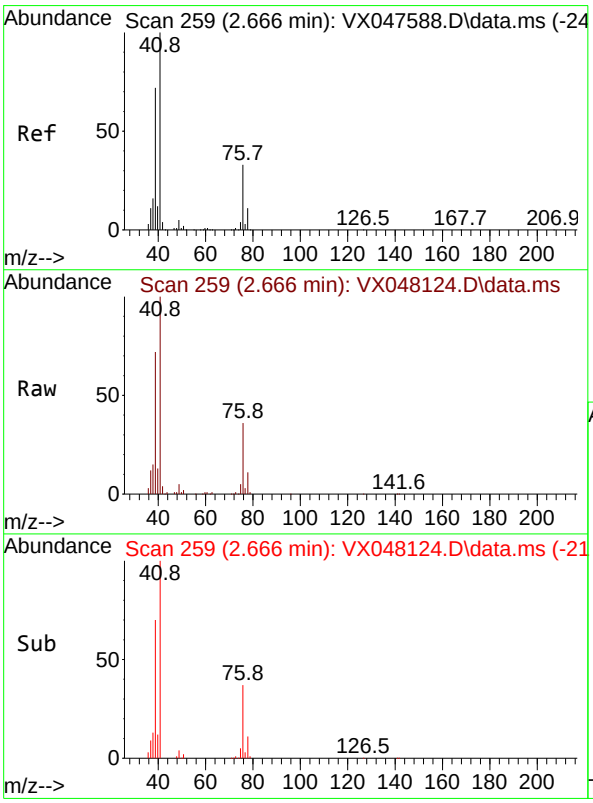
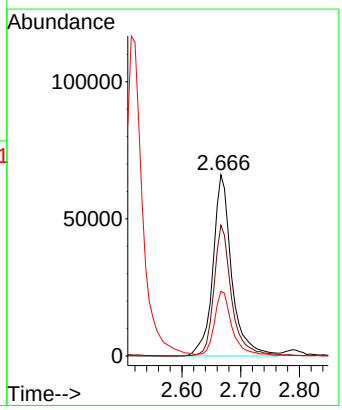
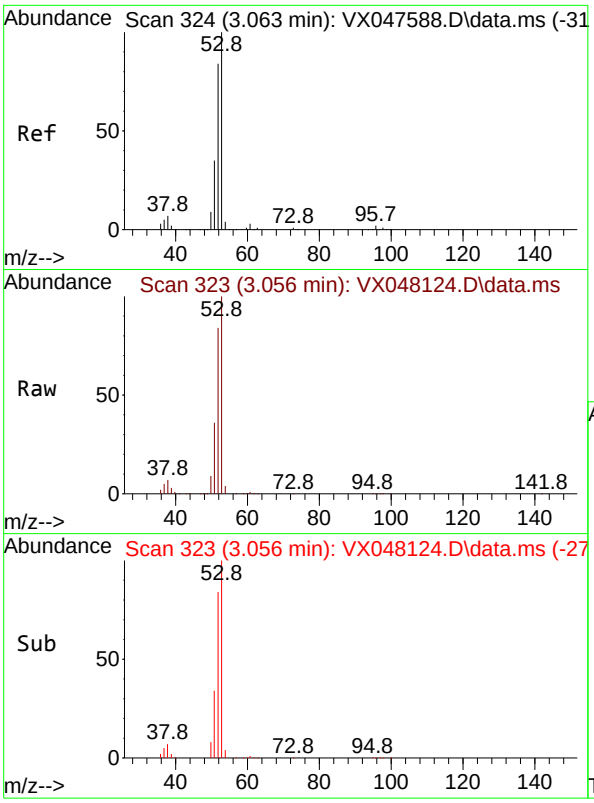


#14
Allyl chloride
Concen: 51.715 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 41 Resp: 146978

Ion	Ratio	Lower	Upper
41	100		
39	68.3	54.7	82.1
76	33.9	25.7	38.5





#15
Acrylonitrile
Concen: 272.659 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 53 Resp: 20755

Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.4	99.6
51	36.6	29.5	44.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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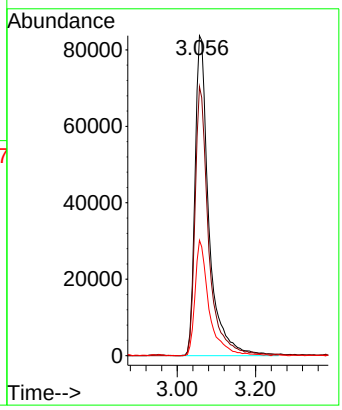
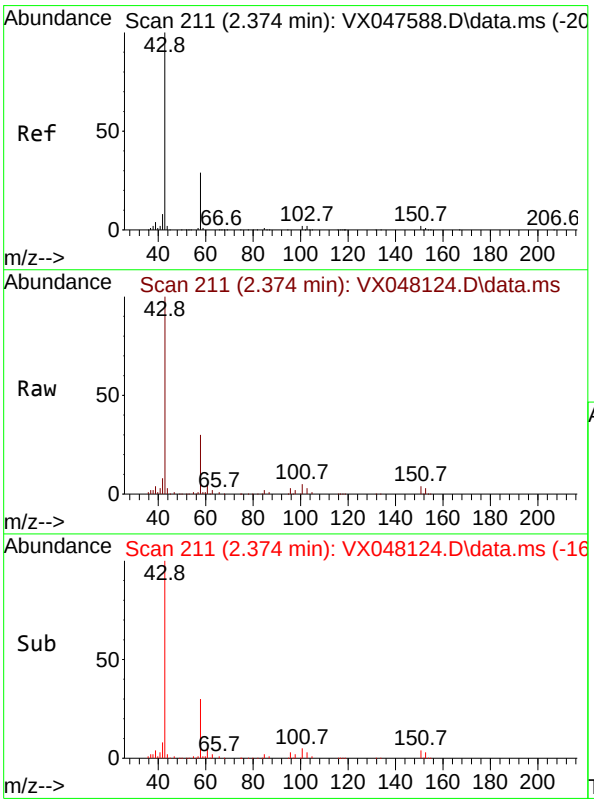
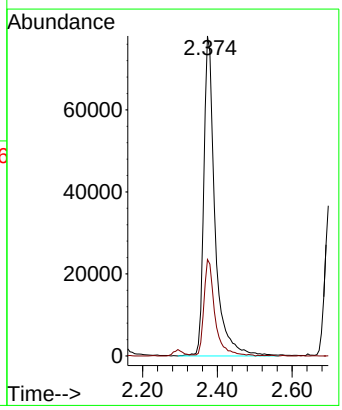


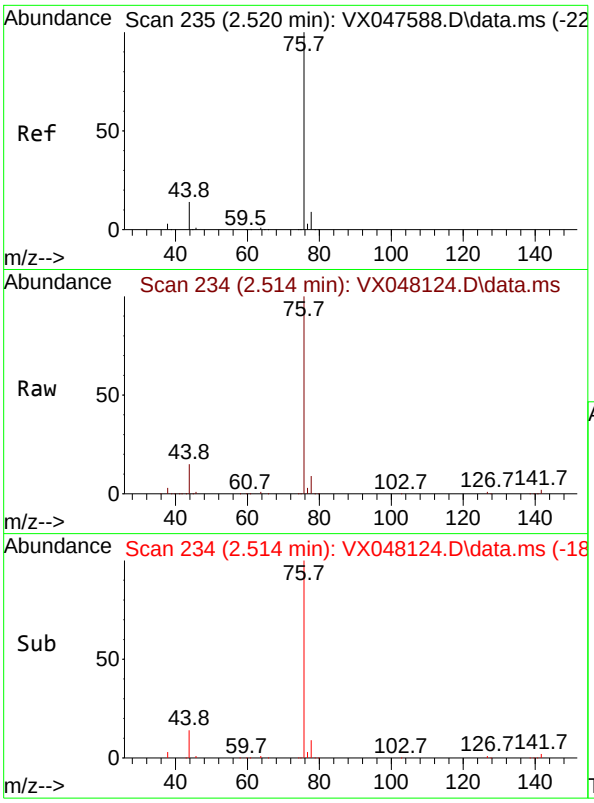


#16
Acetone
Concen: 202.563 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 162518

Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.4	35.0





#17
Carbon Disulfide
Concen: 60.452 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 76 Resp: 22793

Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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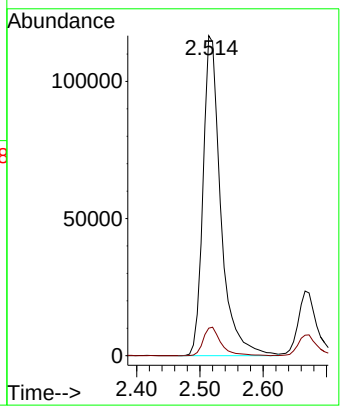
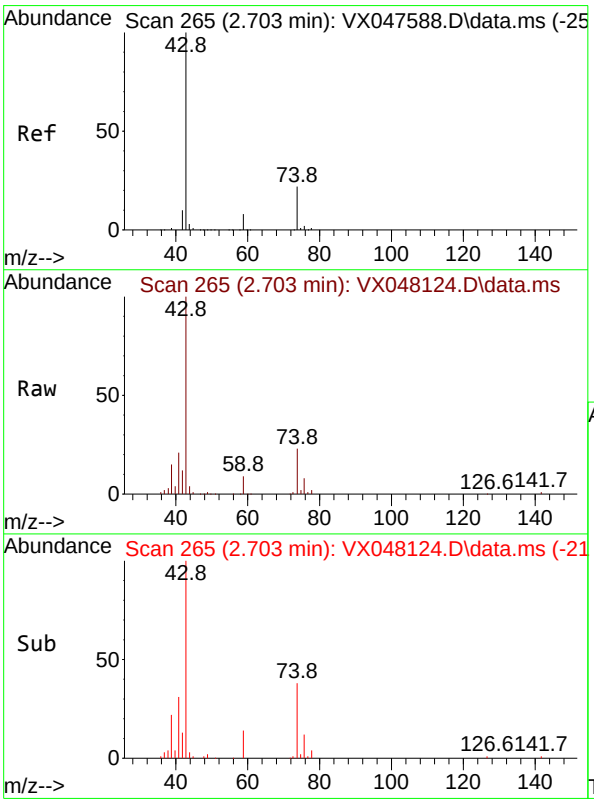
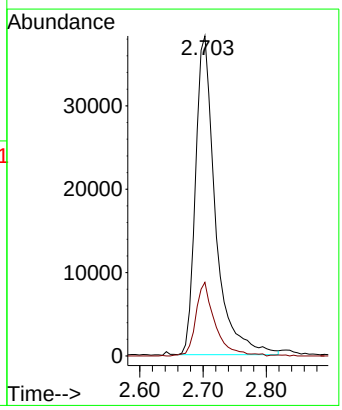


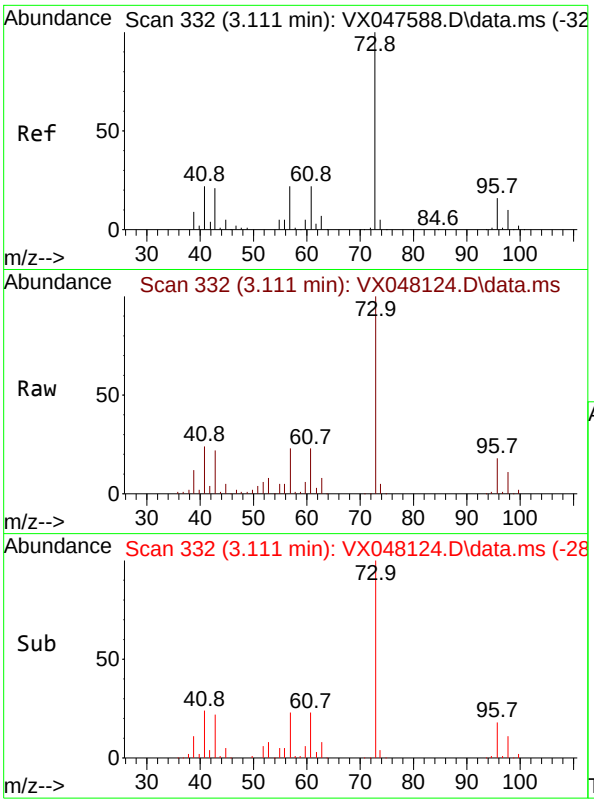


#18
Methyl Acetate
Concen: 46.828 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 83613

Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 54.118 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 73 Resp: 27209

Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.4	26.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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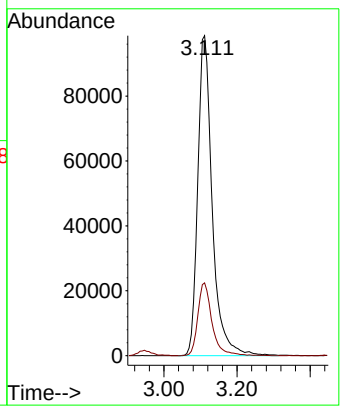
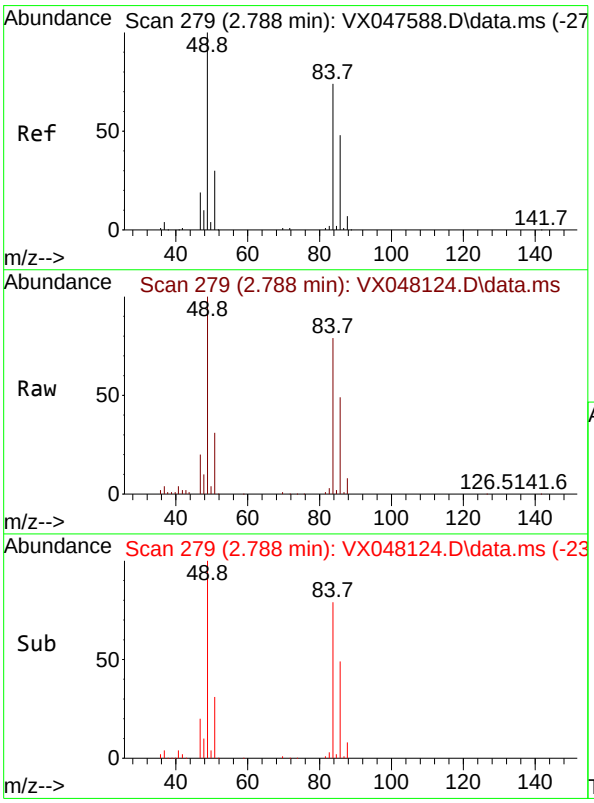
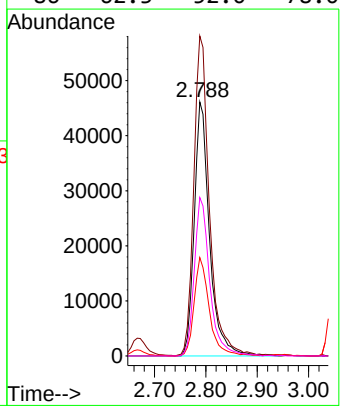


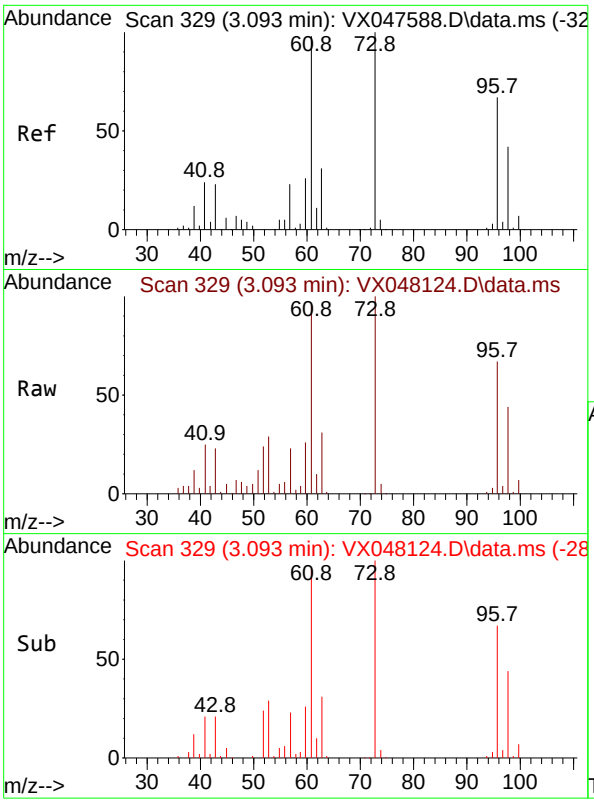


#20
Methylene Chloride
Concen: 56.354 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 84 Resp: 95705

Ion	Ratio	Lower	Upper
84	100		
49	125.6	108.6	162.8
51	38.6	32.6	48.8
86	62.3	52.0	78.0





#21
trans-1,2-Dichloroethene
Concen: 57.899 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 96 Resp: 8585

Ion	Ratio	Lower	Upper
96	100		
61	143.7	116.2	174.2
98	65.4	49.3	73.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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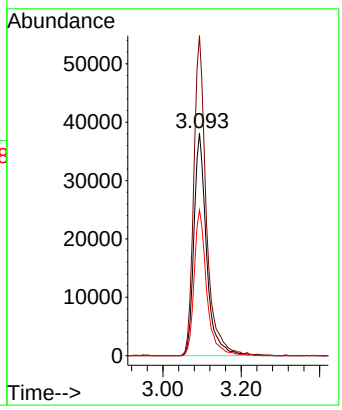
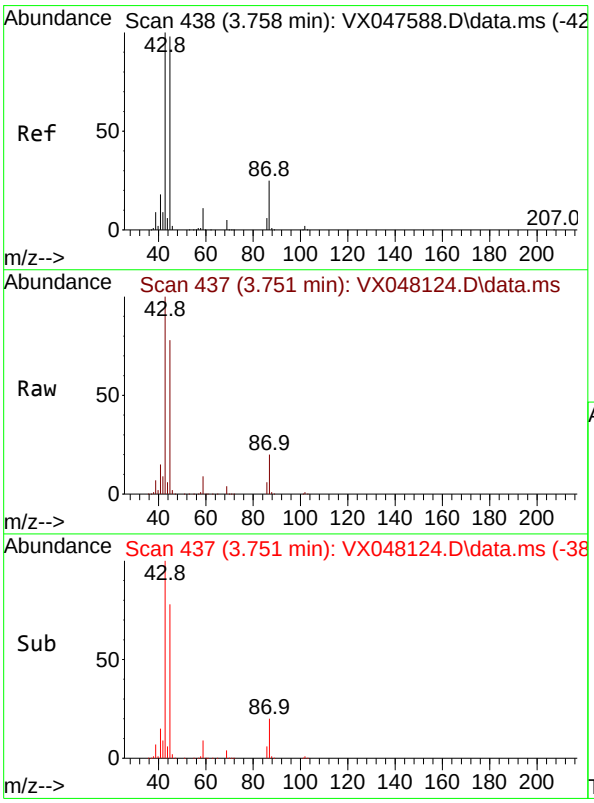
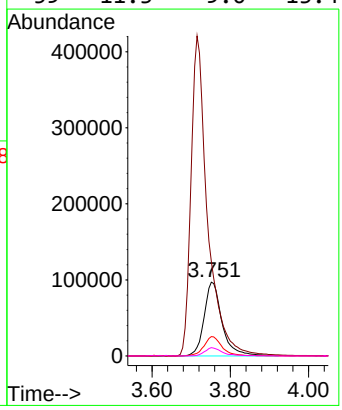


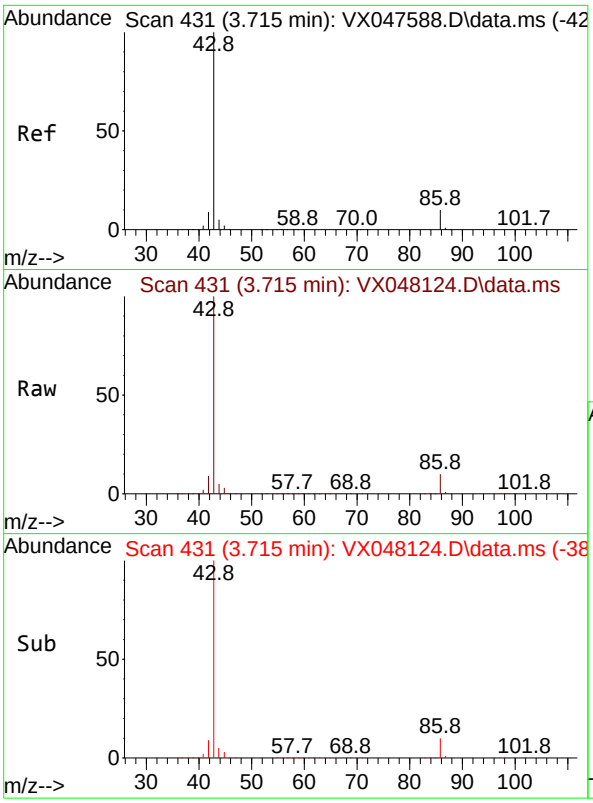


#22
Diisopropyl ether
Concen: 55.983 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 45 Resp: 308357

Ion	Ratio	Lower	Upper
45	100		
43	128.1	81.0	121.4#
87	26.3	20.3	30.5
59	11.3	9.0	13.4

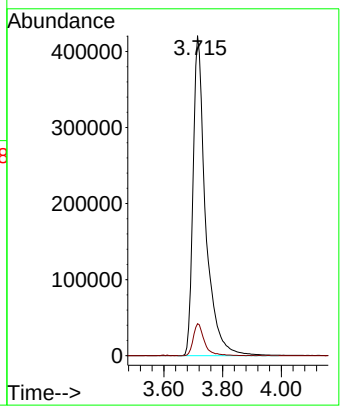




#23
Vinyl Acetate
Concen: 283.620 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 125029

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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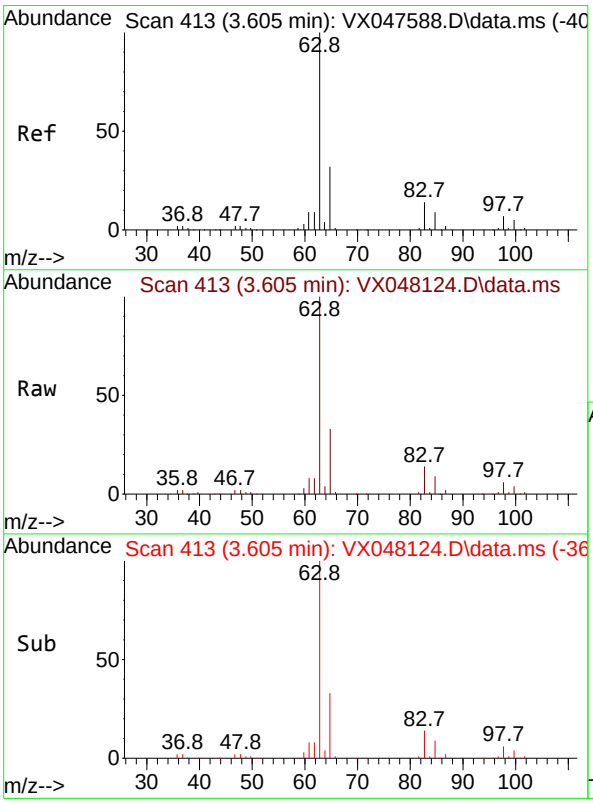
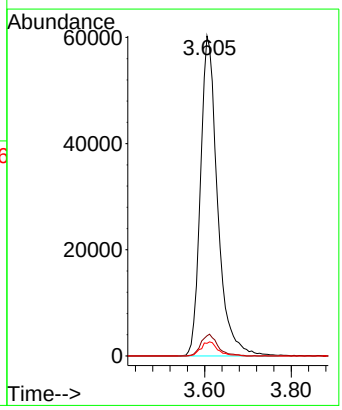
Supervised By :Mahesh Dadoda 10/13/2025

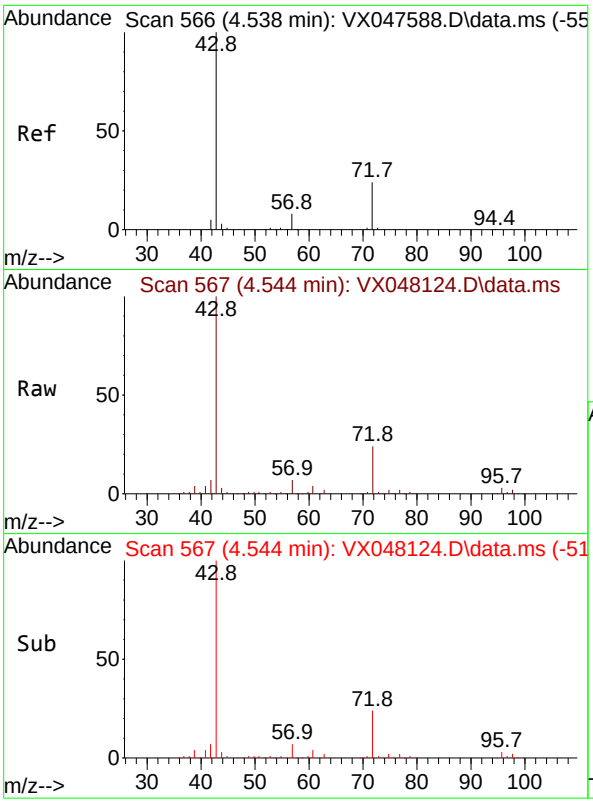


#24
1,1-Dichloroethane
Concen: 56.491 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 63 Resp: 165382

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.8	11.2
100	4.0	2.3	6.9

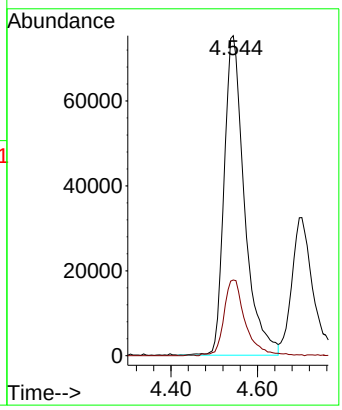




#25
2-Butanone
Concen: 245.652 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 24584

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.1	30.1



Instrument :
MSVOA_X
ClientSampleId :
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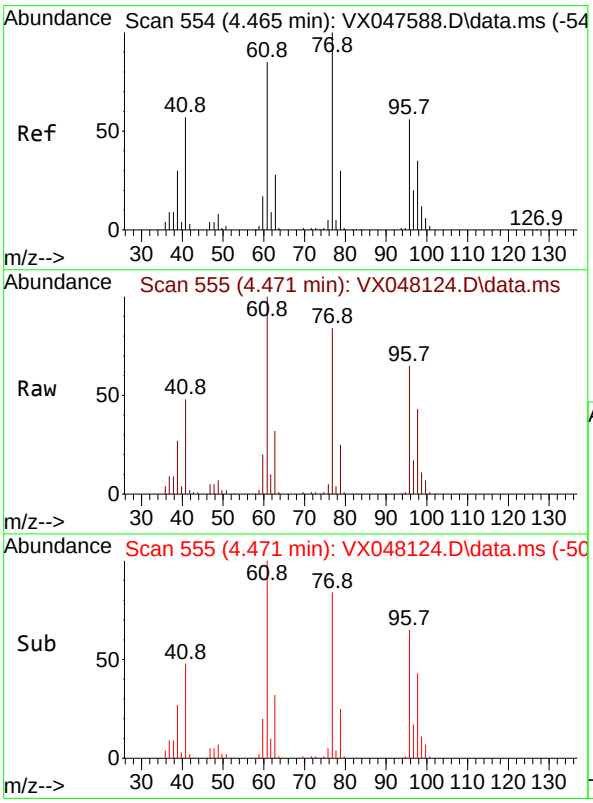
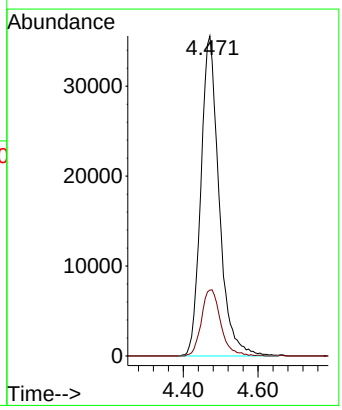
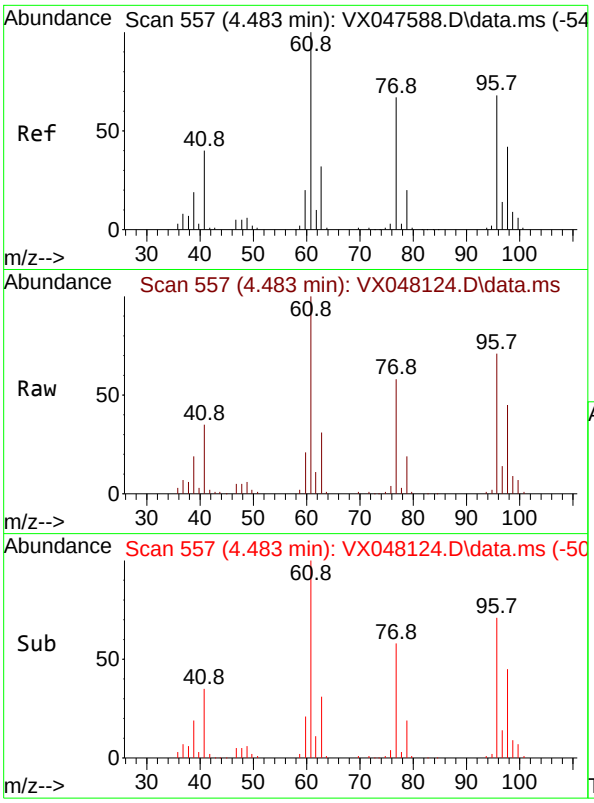


#26
2,2-Dichloropropane
Concen: 49.337 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 77 Resp: 120065

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7

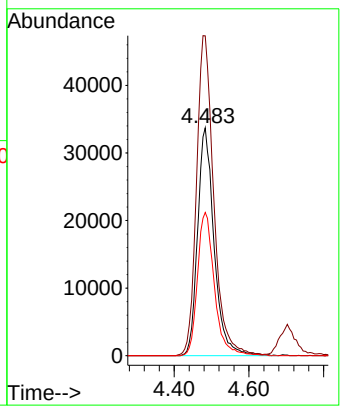




#27
cis-1,2-Dichloroethene
Concen: 56.868 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 96 Resp: 10327

Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	303.2
98	64.4	0.0	127.8



Instrument :
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ClientSampleId :
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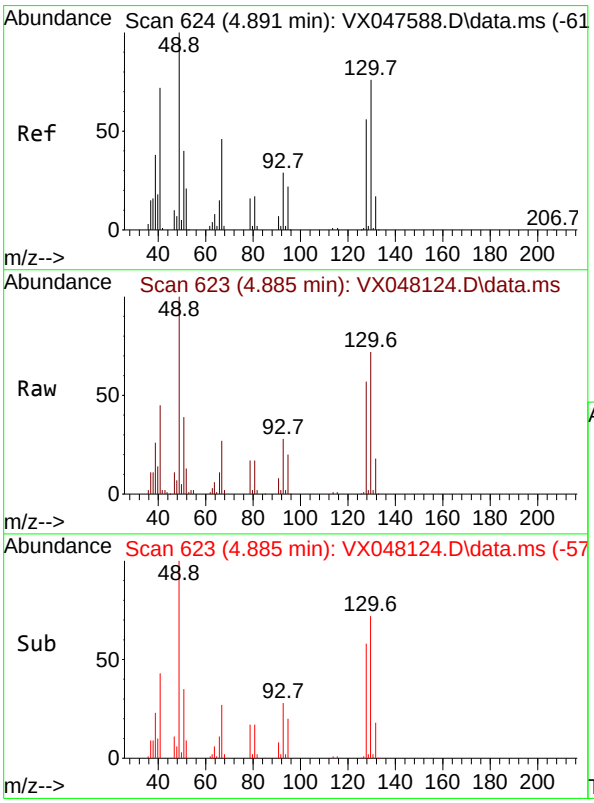
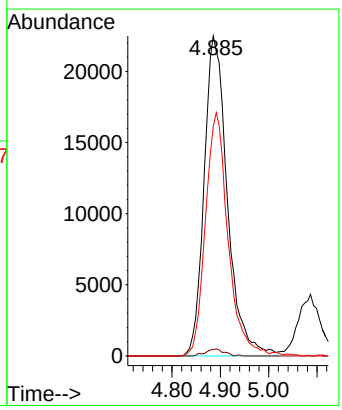
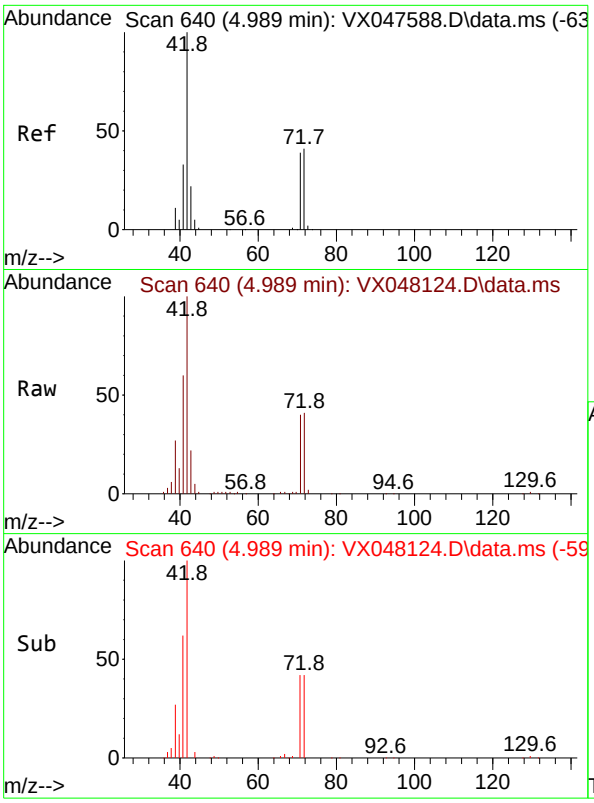


#28
Bromochloromethane
Concen: 58.900 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 49 Resp: 75279

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	73.5	57.8	86.8





#29
Tetrahydrofuran
Concen: 255.907 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 42 Resp: 15406

Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.2	51.2
71	40.6	31.9	47.9

Instrument :
MSVOA_X
ClientSampleId :
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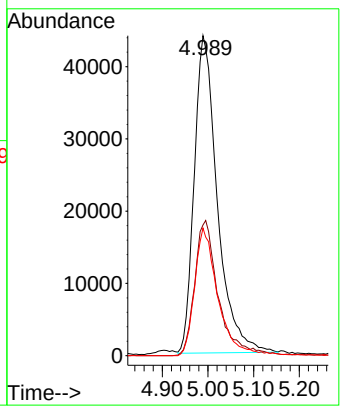
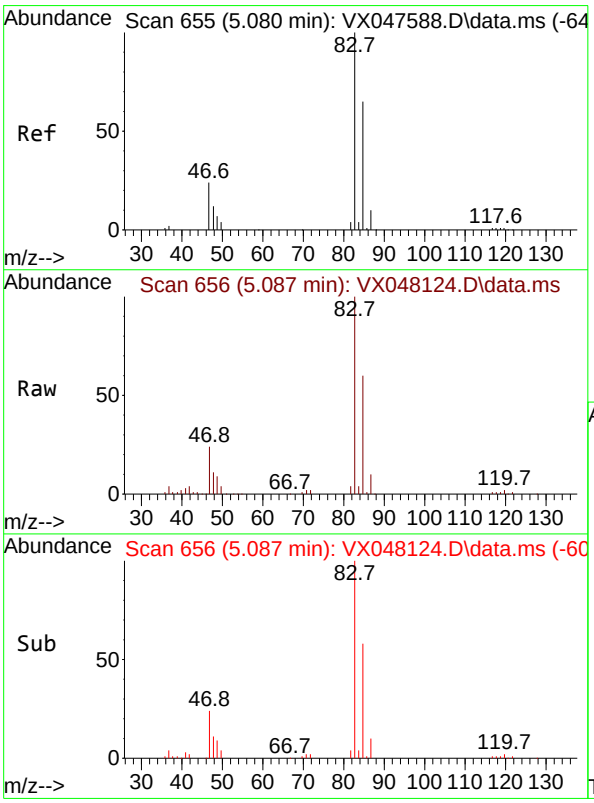
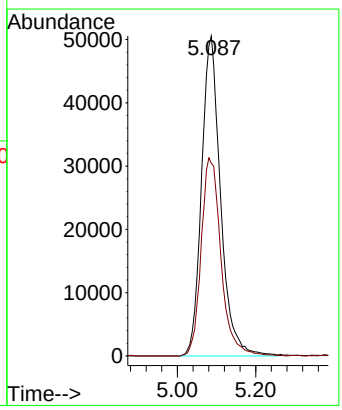


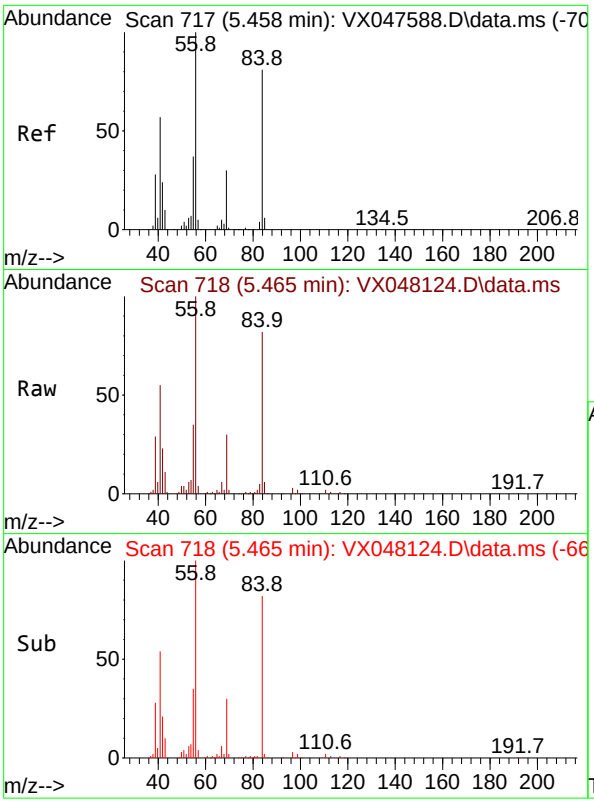


#30
Chloroform
Concen: 57.550 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 83 Resp: 170257

Ion	Ratio	Lower	Upper
83	100		
85	60.2	51.8	77.6

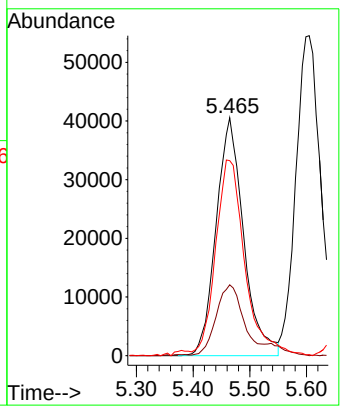




#31
Cyclohexane
Concen: 55.864 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 56 Resp: 13621

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.8	35.8
84	80.1	64.6	97.0



Instrument :
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ClientSampleId :
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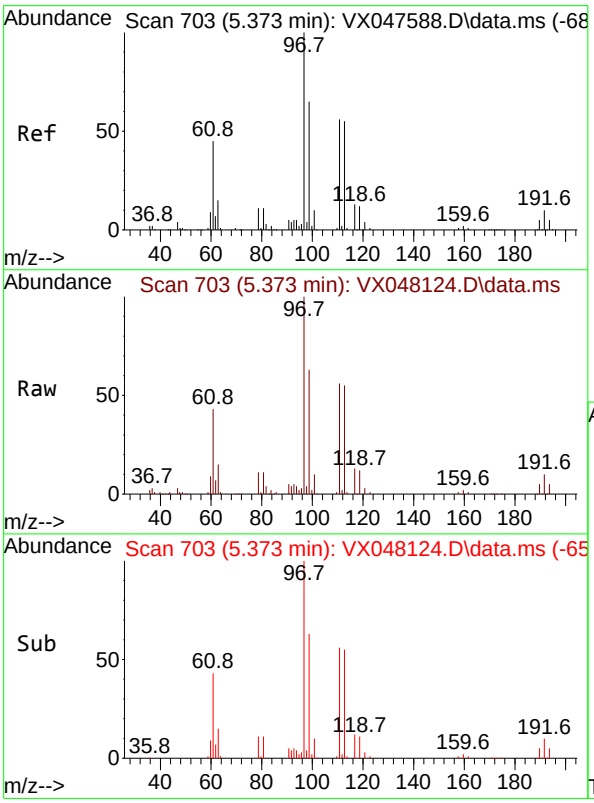
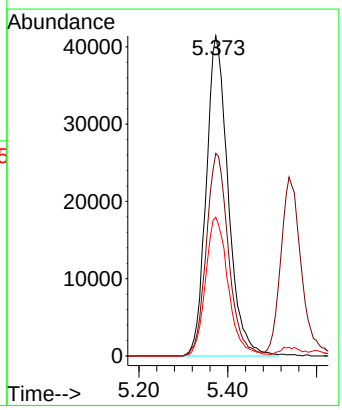
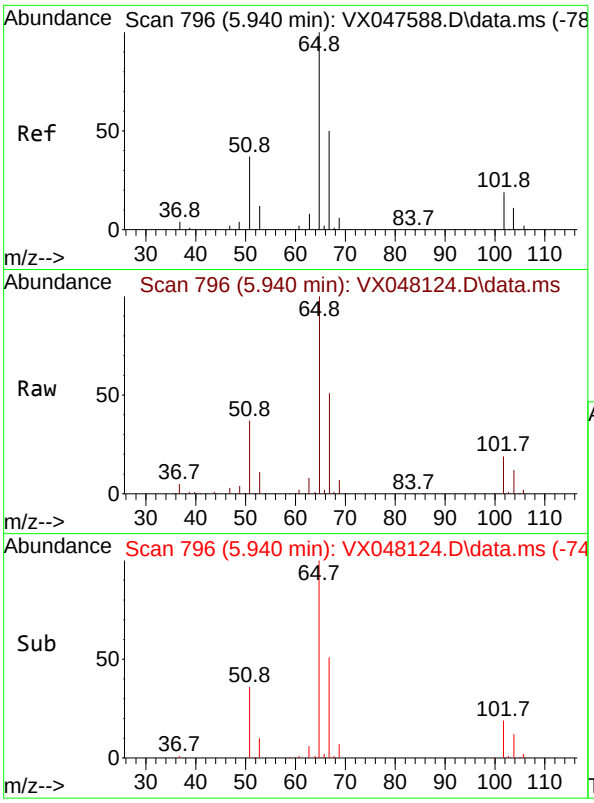


#32
1,1,1-Trichloroethane
Concen: 56.674 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 97 Resp: 142215

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	76.0
61	44.8	35.8	53.8

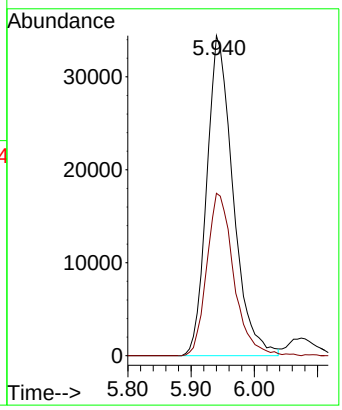




#33
1,2-Dichloroethane-d4
Concen: 53.817 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 65 Resp: 9930

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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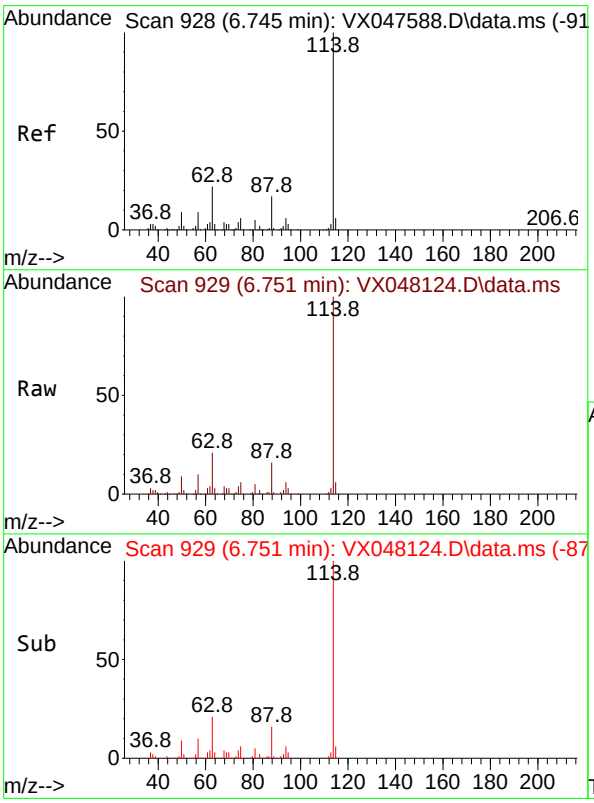
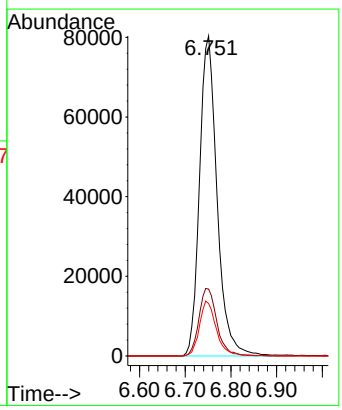
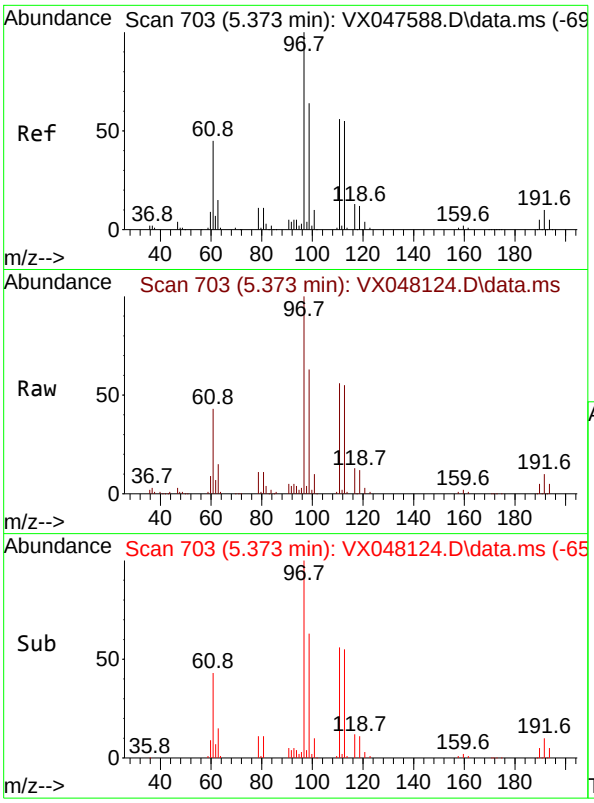


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:114 Resp: 213821

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.0
88	16.4	0.0	34.2

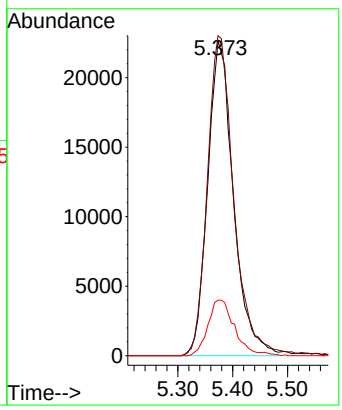




#35
Dibromofluoromethane
Concen: 51.473 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:113 Resp: 7381

Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.9	121.3
192	18.4	14.2	21.4



Instrument :
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ClientSampleId :
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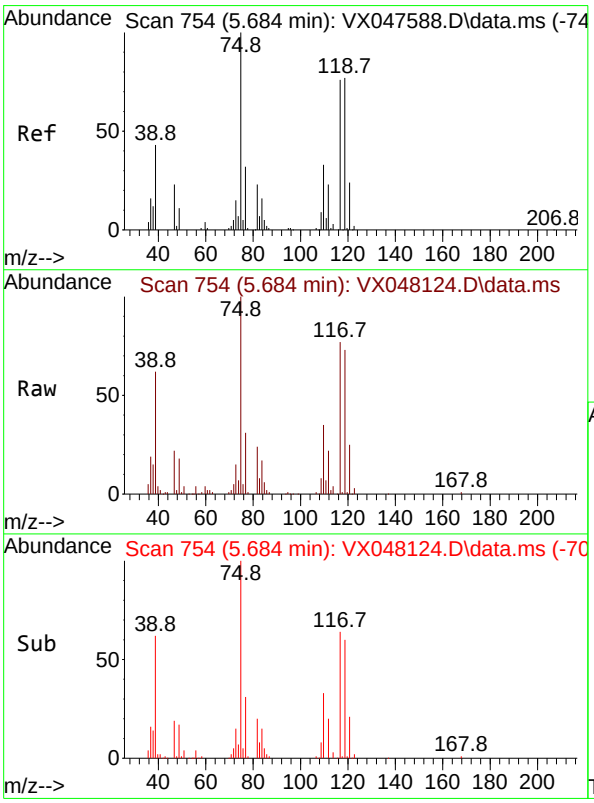
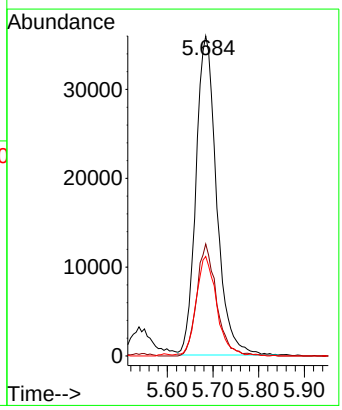
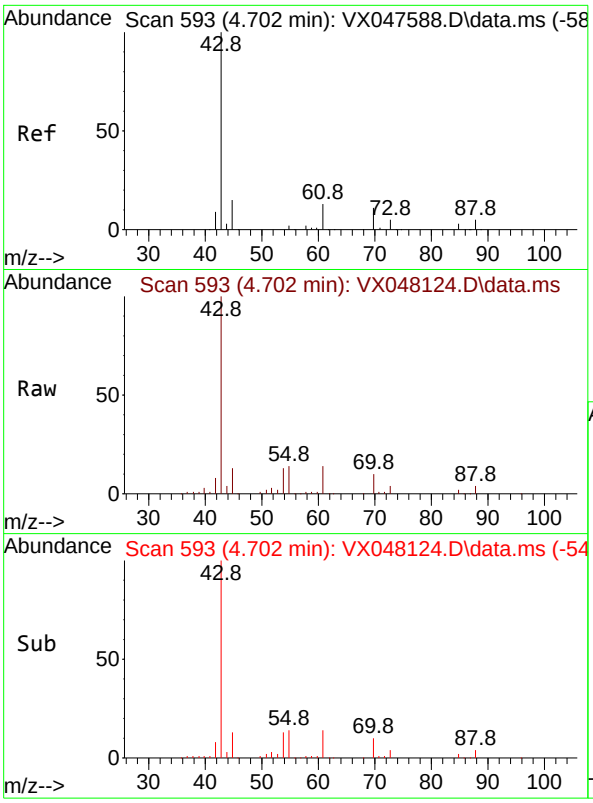


#36
1,1-Dichloropropene
Concen: 53.664 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 112448

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.7	50.1
77	30.4	24.3	36.5

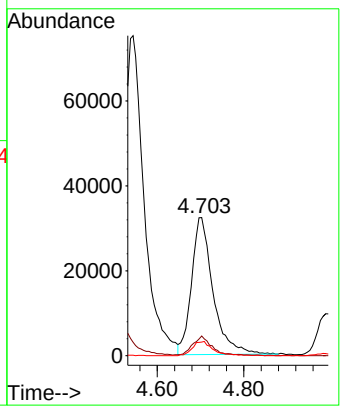




#37
Ethyl Acetate
Concen: 49.524 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 11111

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	9.9	7.9	11.9



Instrument :
MSVOA_X
ClientSampleId :
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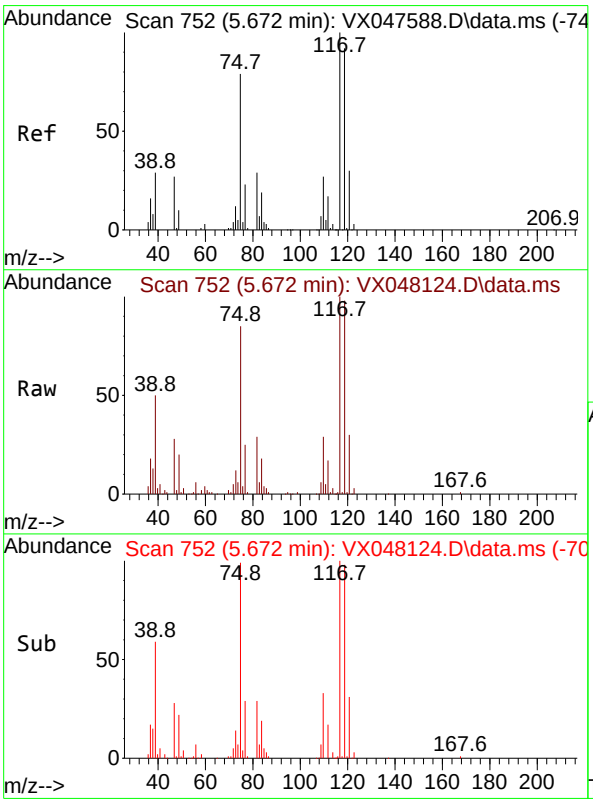
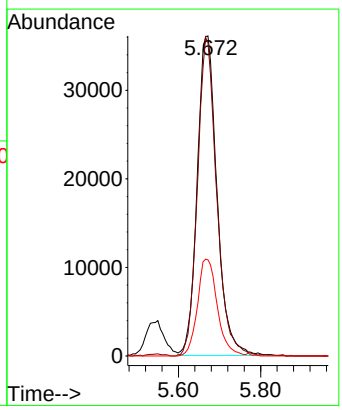
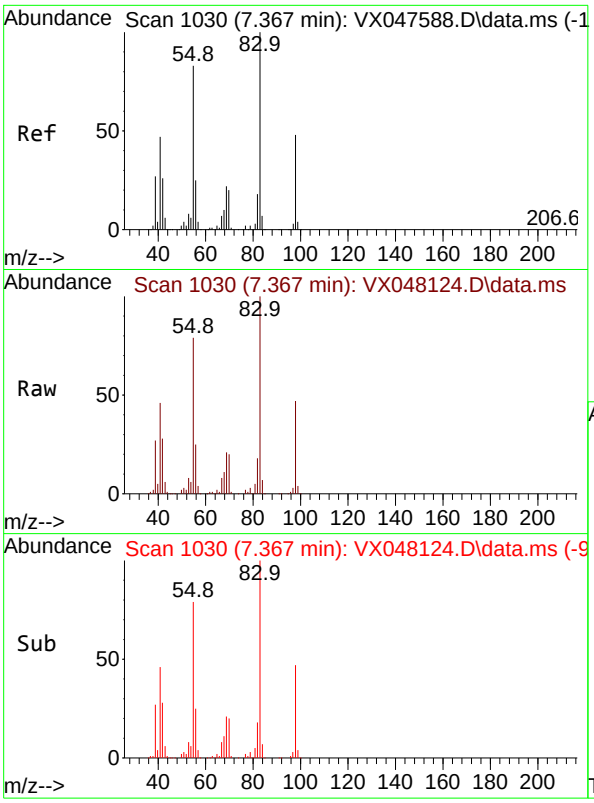


#38
Carbon Tetrachloride
Concen: 53.110 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:117 Resp: 120916

Ion	Ratio	Lower	Upper
117	100		
119	97.9	73.4	110.2
121	30.1	23.8	35.6

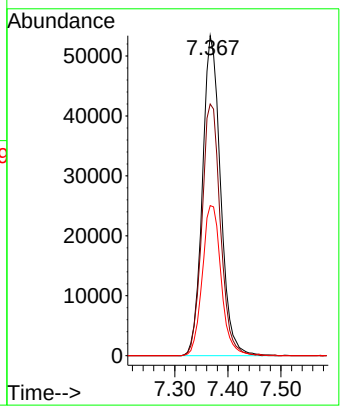




#39
Methylcyclohexane
Concen: 53.357 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 83 Resp: 12691

Ion	Ratio	Lower	Upper
83	100		
55	78.6	66.4	99.6
98	46.9	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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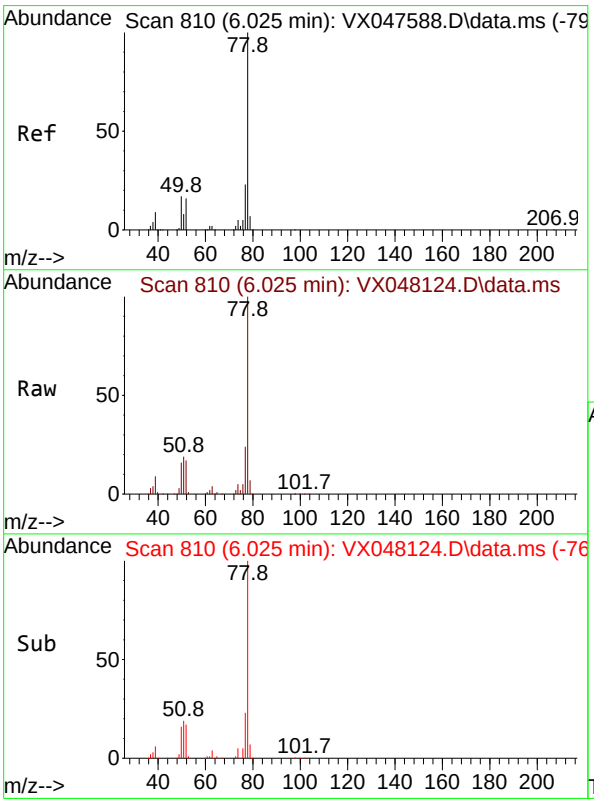
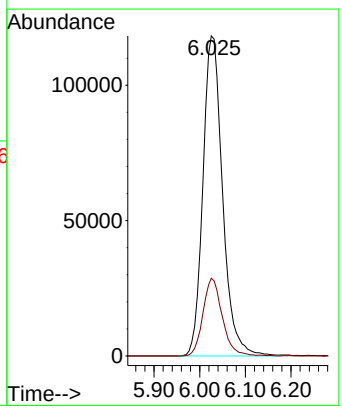
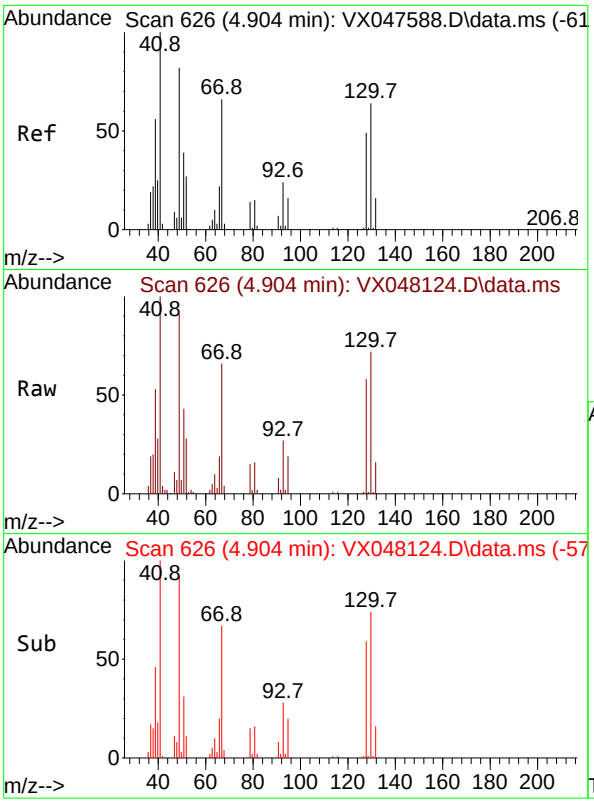


#40
Benzene
Concen: 55.537 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 78 Resp: 353456

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2

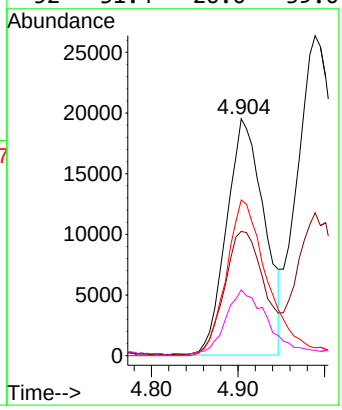




#41
Methacrylonitrile
Concen: 50.842 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 41 Resp: 5888

Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	73.6	58.6	87.8
52	31.4	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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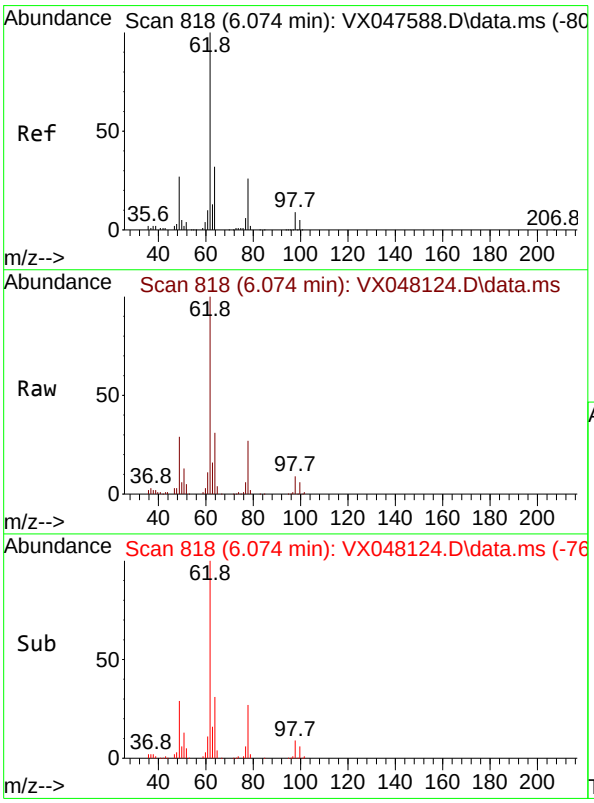
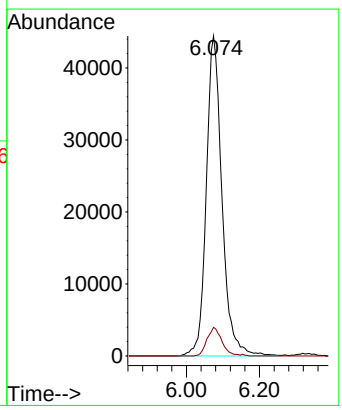
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

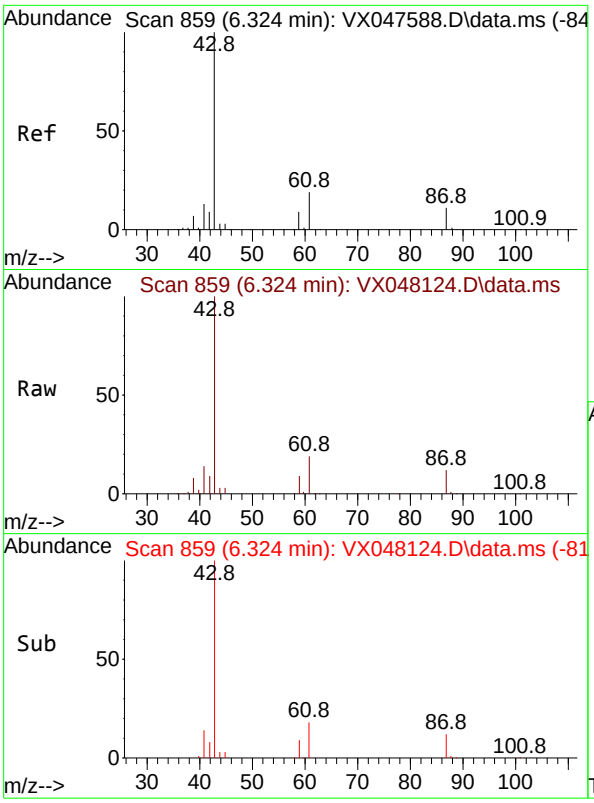


#42
1,2-Dichloroethane
Concen: 54.500 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 62 Resp: 131974

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0

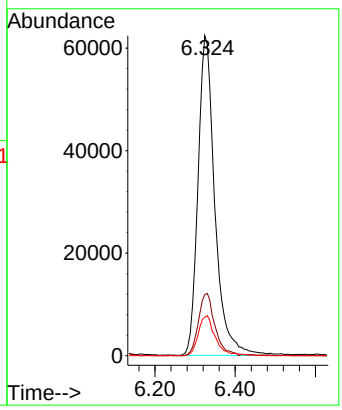




#43
Isopropyl Acetate
Concen: 49.627 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 18260

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.6	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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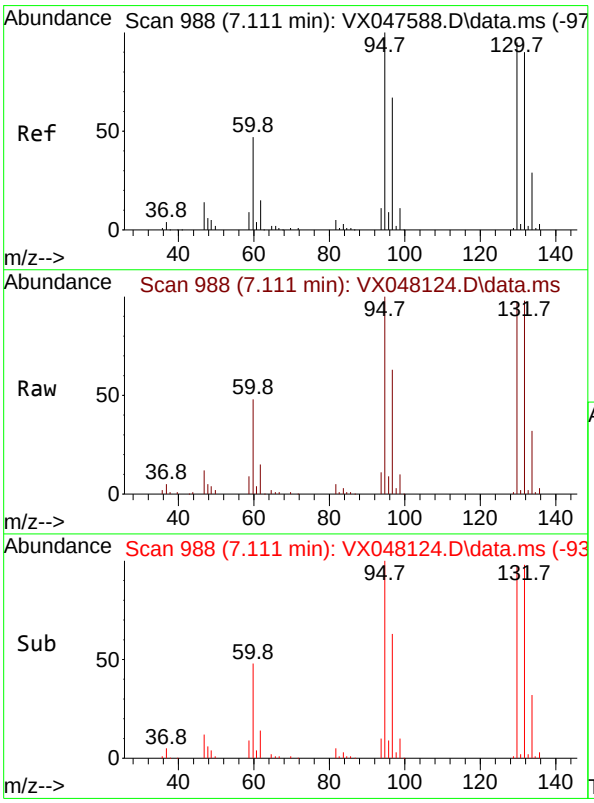
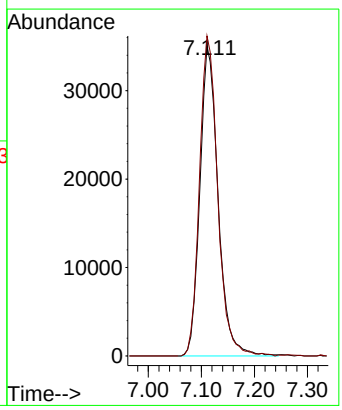
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

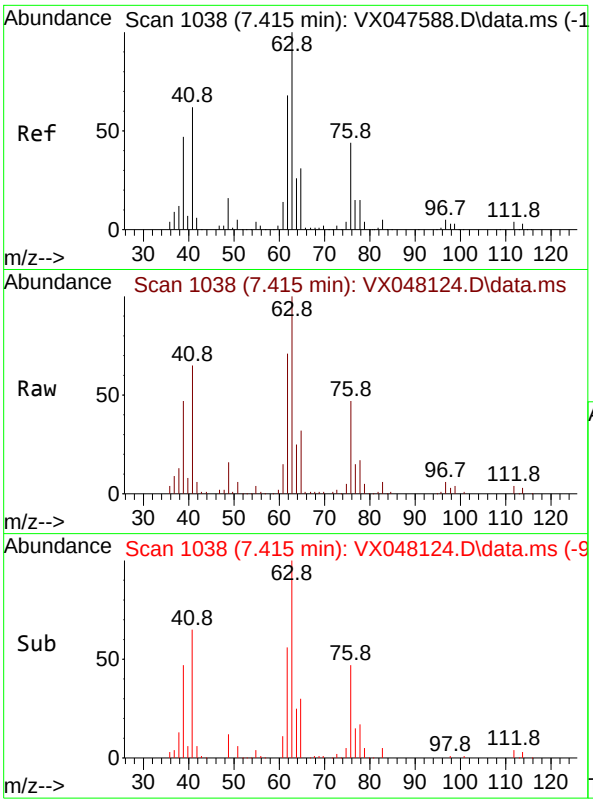


#44
Trichloroethene
Concen: 54.451 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:130 Resp: 83781

Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	210.8

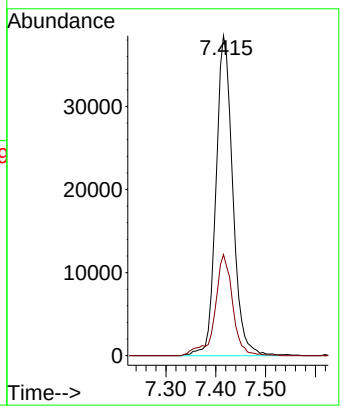




#45
1,2-Dichloropropane
Concen: 55.269 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 63 Resp: 9007

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
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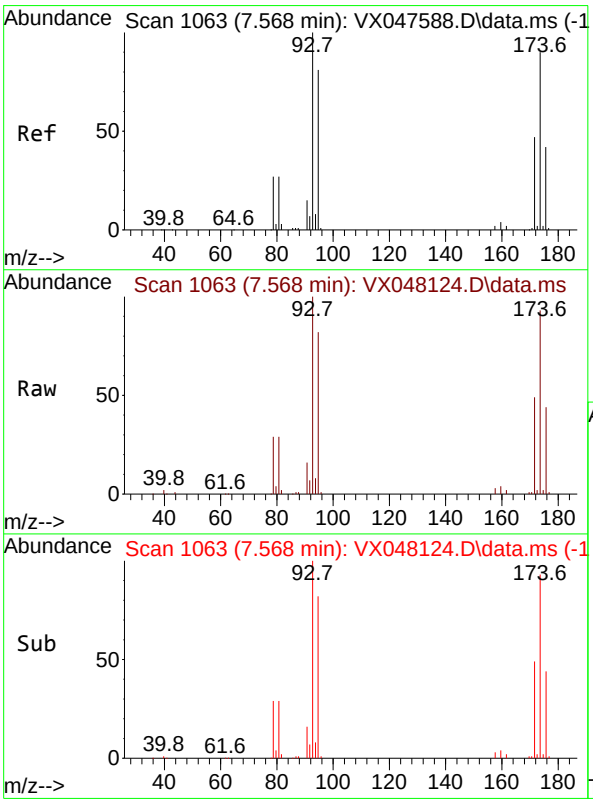
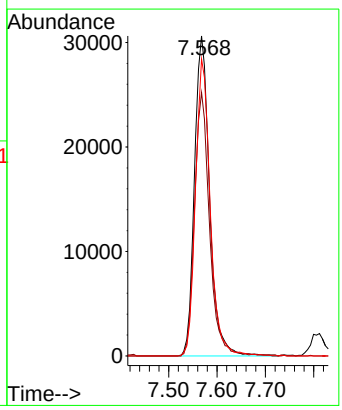
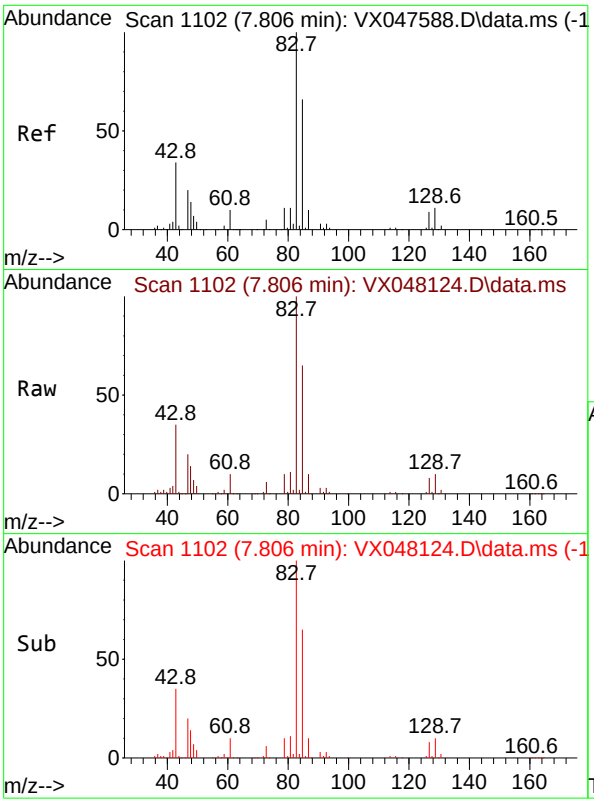


#46
Dibromomethane
Concen: 55.952 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 93 Resp: 66354

Ion	Ratio	Lower	Upper
93	100		
95	81.2	65.0	97.6
174	90.9	71.6	107.4

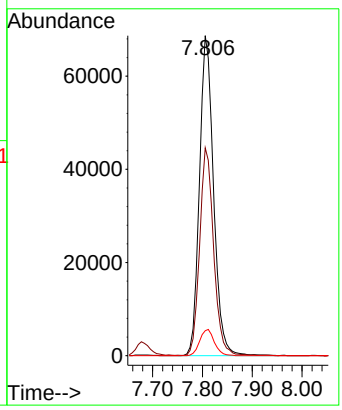




#47
Bromodichloromethane
Concen: 55.144 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 83 Resp: 13494

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7
127	7.8	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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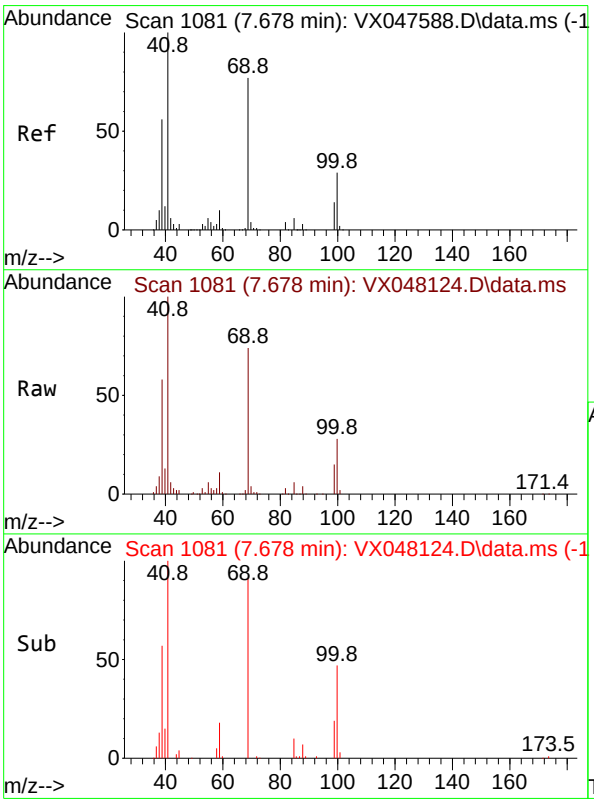
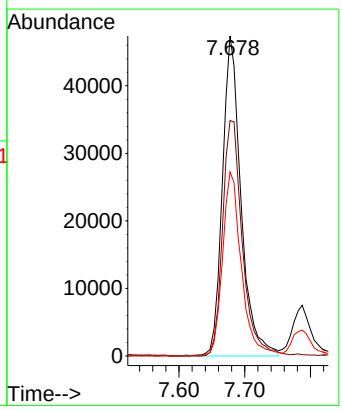
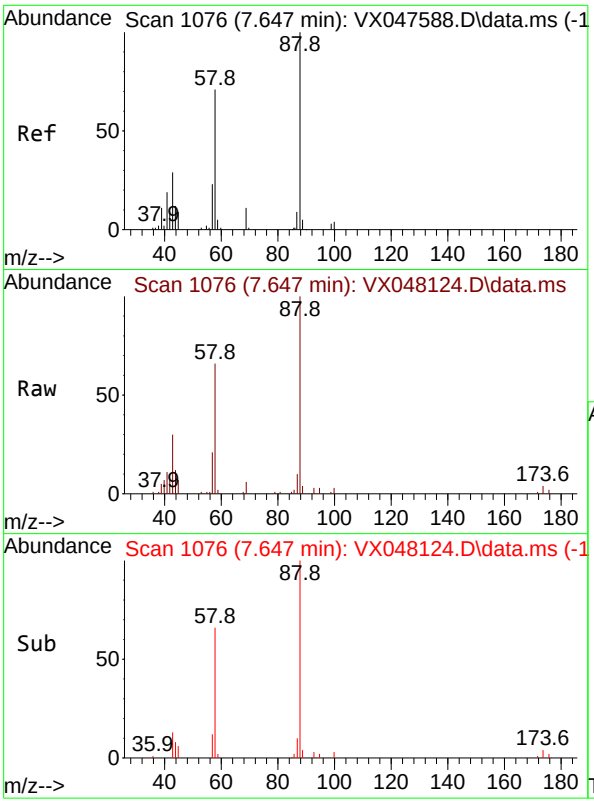


#48
Methyl methacrylate
Concen: 50.949 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 41 Resp: 93383

Ion	Ratio	Lower	Upper
41	100		
69	77.9	61.4	92.2
39	58.1	45.8	68.6

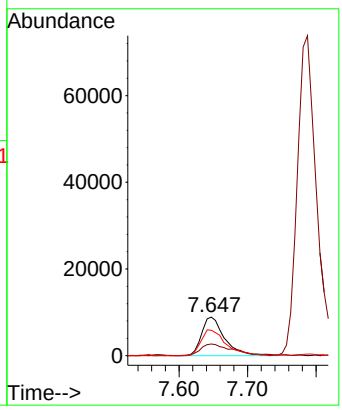




#49
1,4-Dioxane
Concen: 1126.435 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 88 Resp: 2086

Ion	Ratio	Lower	Upper
88	100		
43	41.4	30.2	45.2
58	72.6	59.5	89.3



Instrument :
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ClientSampleId :
VSTDCCC050EC

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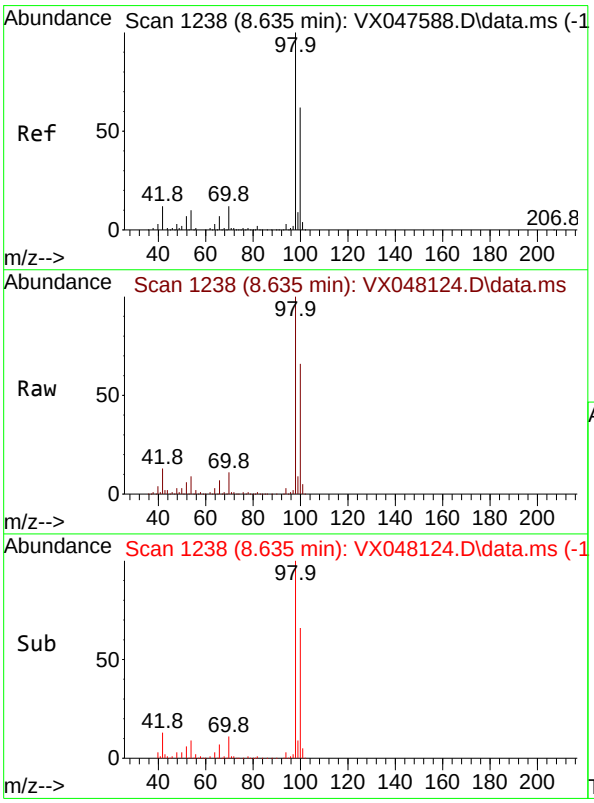
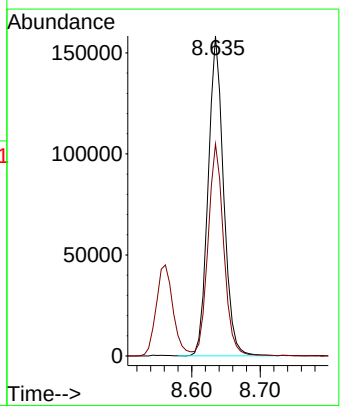
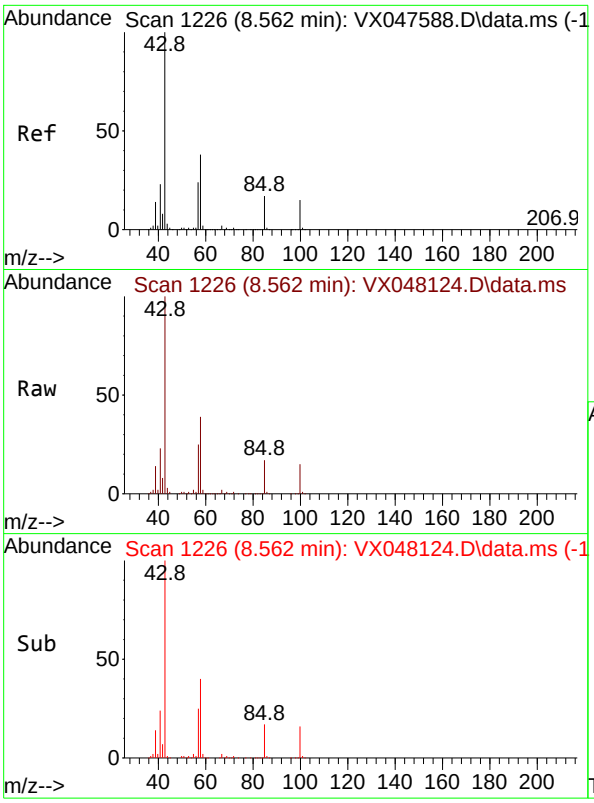


#50
Toluene-d8
Concen: 49.962 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 98 Resp: 247909

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4

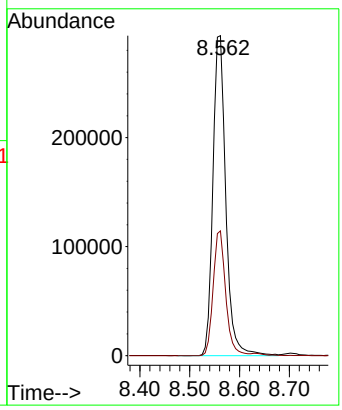




#51
4-Methyl-2-Pentanone
Concen: 258.661 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 52770

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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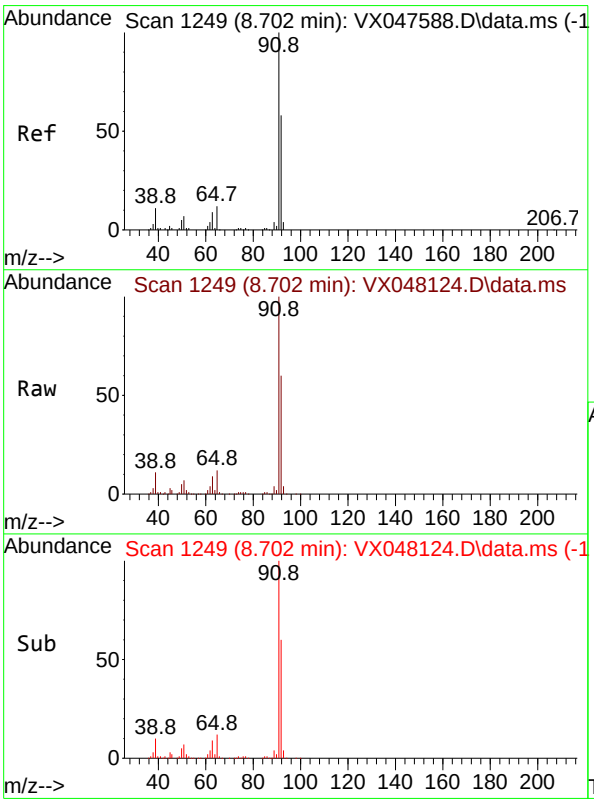
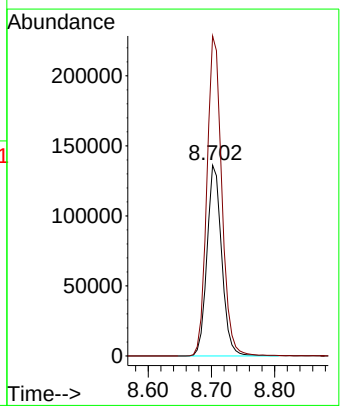
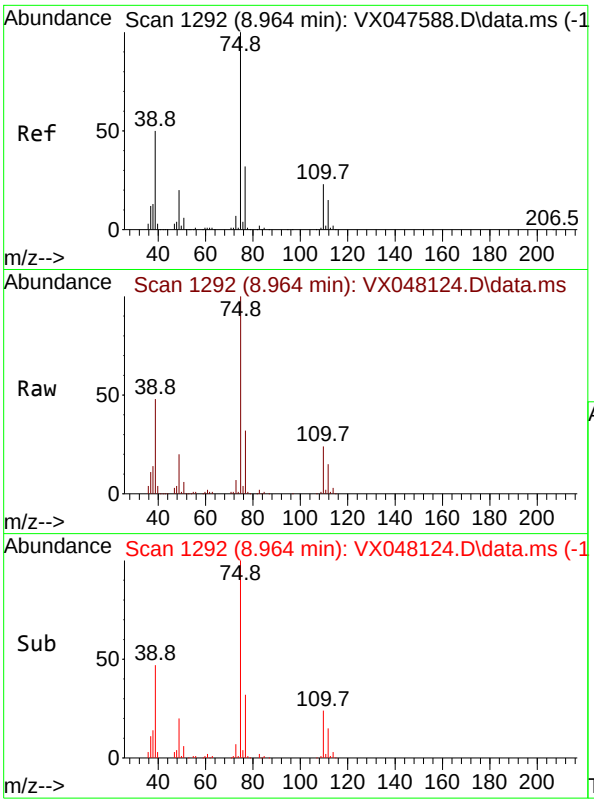


#52
Toluene
Concen: 56.118 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 92 Resp: 220041

Ion	Ratio	Lower	Upper
92	100		
91	170.0	137.1	205.7

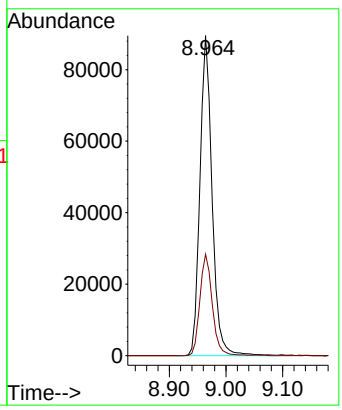




#53
t-1,3-Dichloropropene
Concen: 53.434 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 13338

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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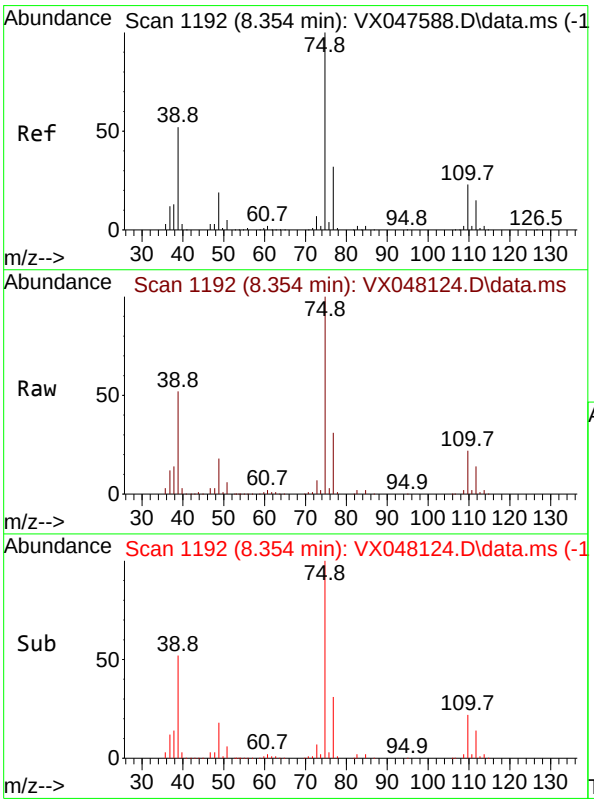
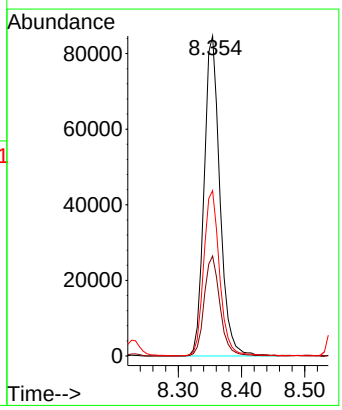
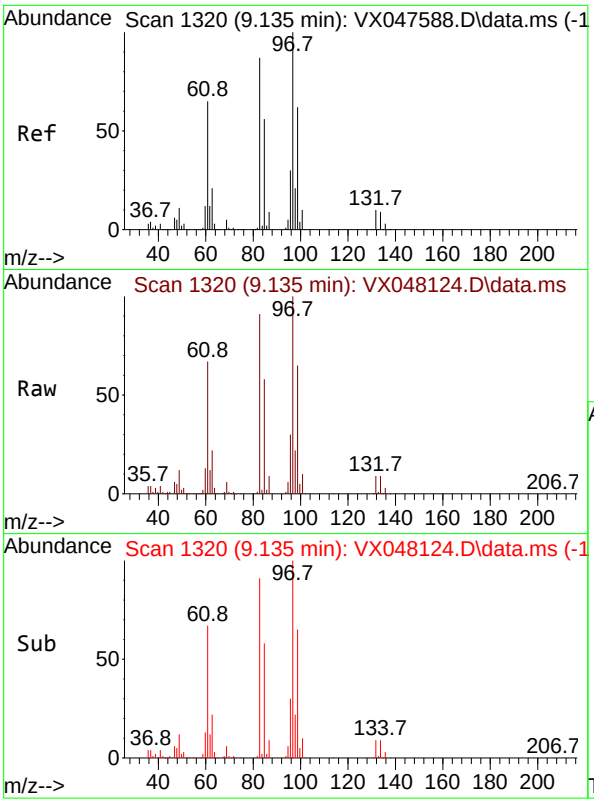


#54
cis-1,3-Dichloropropene
Concen: 55.133 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 147096

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	51.1	41.4	62.2

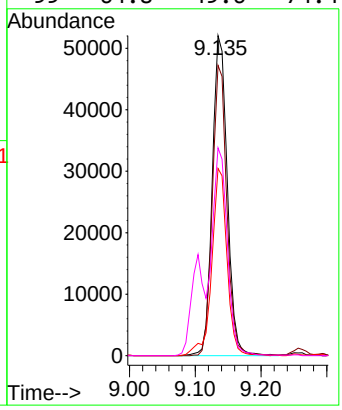




#55
1,1,2-Trichloroethane
Concen: 54.764 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 97 Resp: 8280

Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.6	104.4
85	58.5	45.0	67.6
99	64.8	49.6	74.4



Instrument :
MSVOA_X
ClientSampleId :
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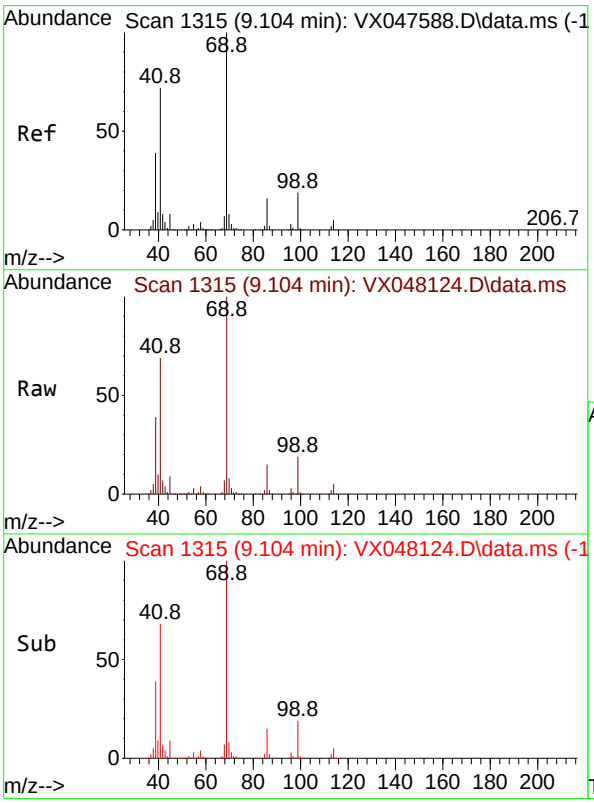
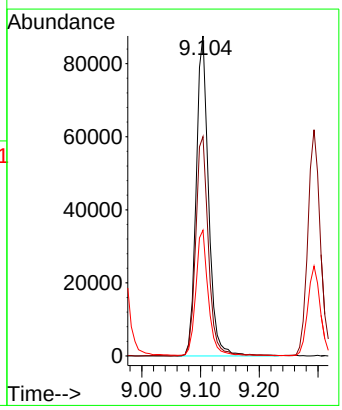
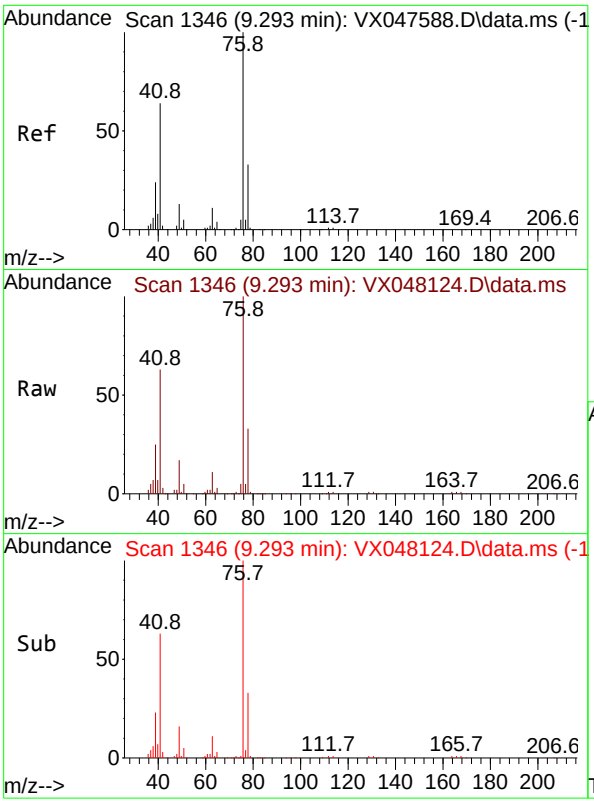


#56
Ethyl methacrylate
Concen: 54.141 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 69 Resp: 128555

Ion	Ratio	Lower	Upper
69	100		
41	70.7	58.6	87.8
39	39.0	31.5	47.3

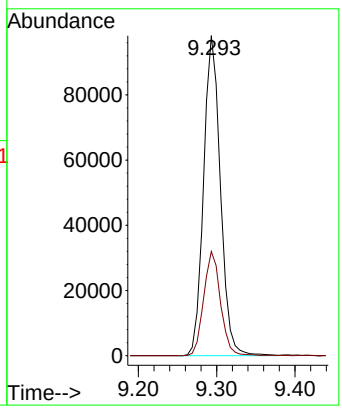




#57
1,3-Dichloropropane
Concen: 56.337 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 76 Resp: 14632

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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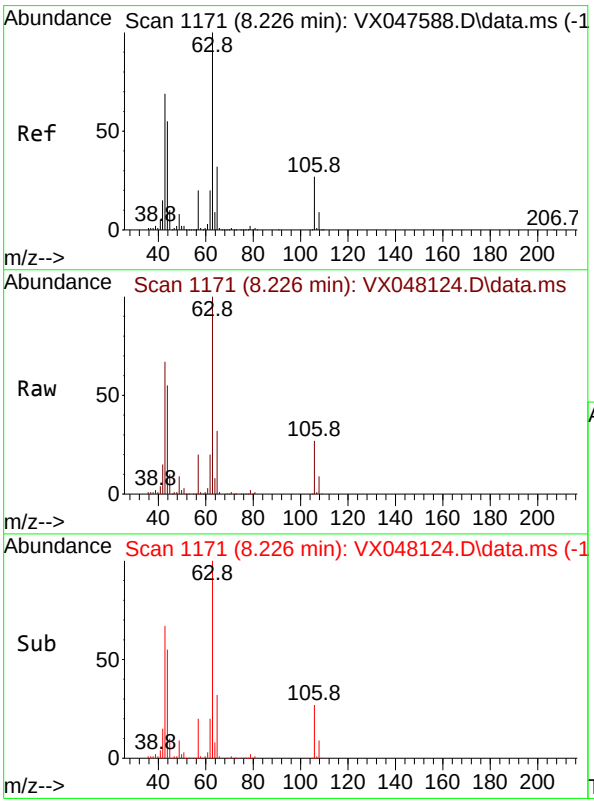
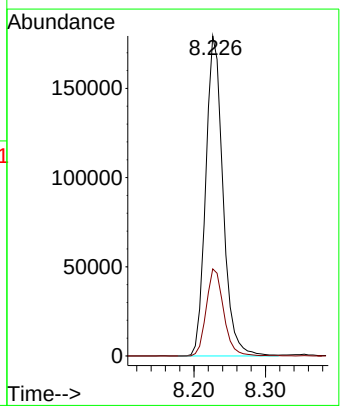
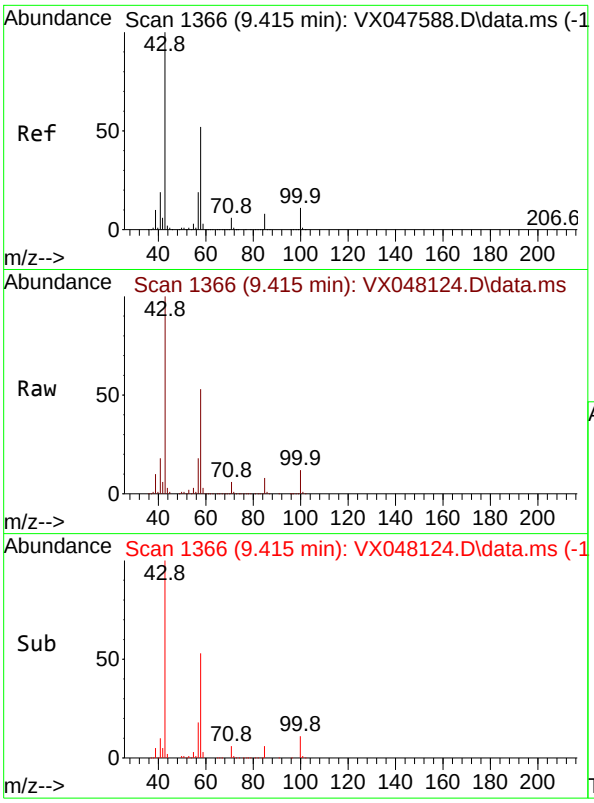


#58
2-Chloroethyl Vinyl ether
Concen: 263.994 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 63 Resp: 300624

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9

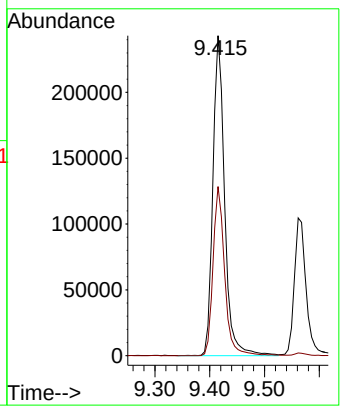




#59
2-Hexanone
Concen: 245.611 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 35987

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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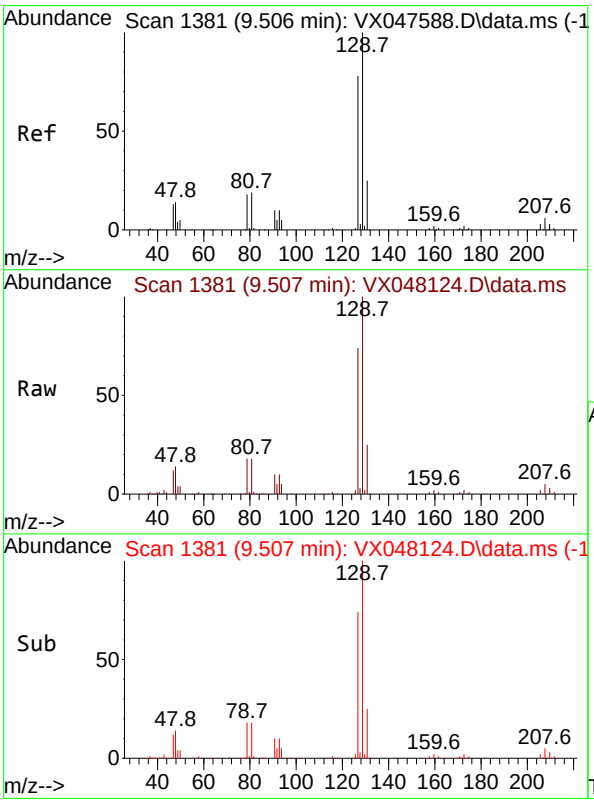
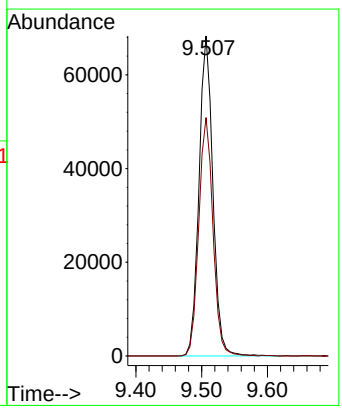
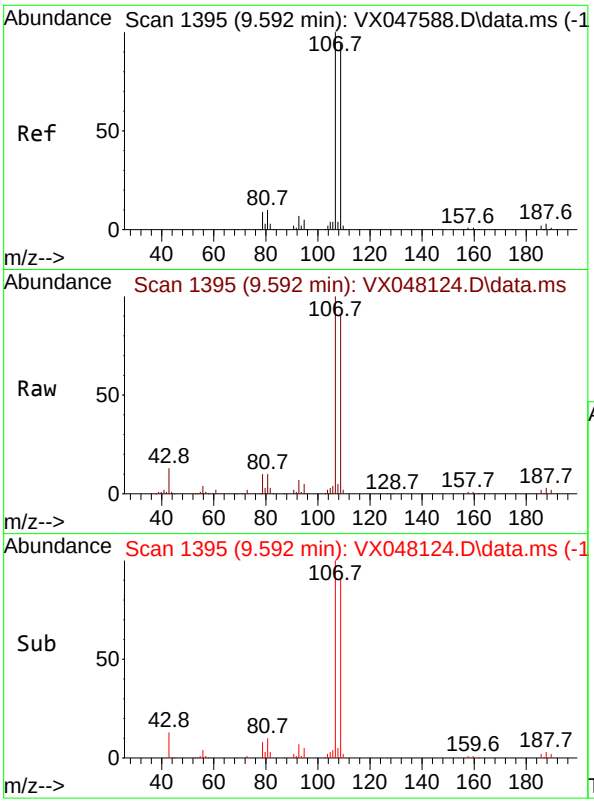


#60
Dibromochloromethane
Concen: 57.354 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:129 Resp: 99916

Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.4	115.2

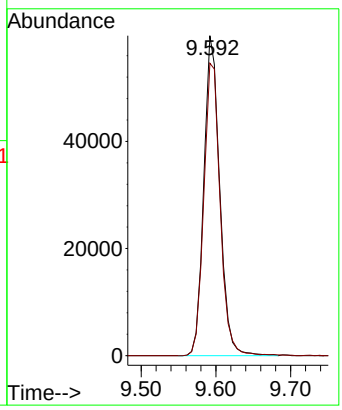




#61
1,2-Dibromoethane
Concen: 57.200 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:107 Resp: 8808

Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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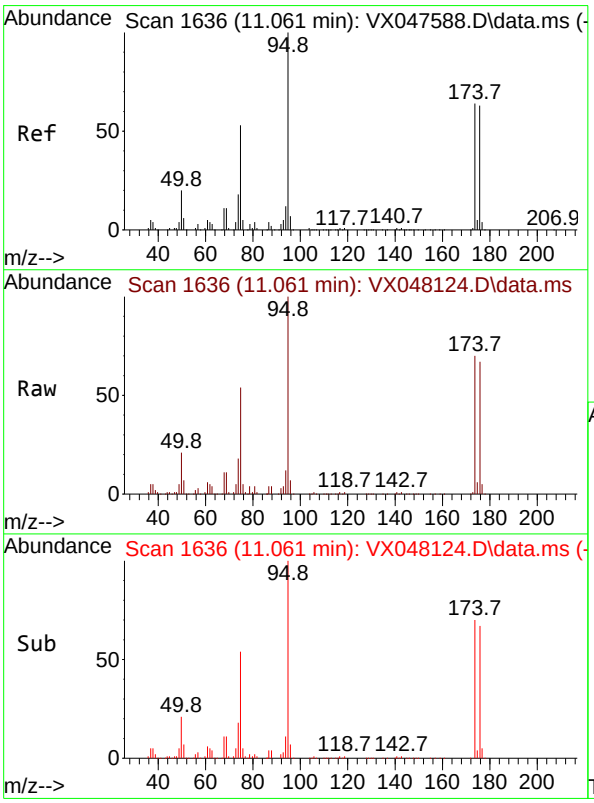
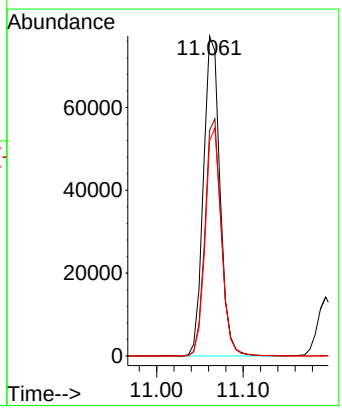
Supervised By :Mahesh Dadoda 10/13/2025

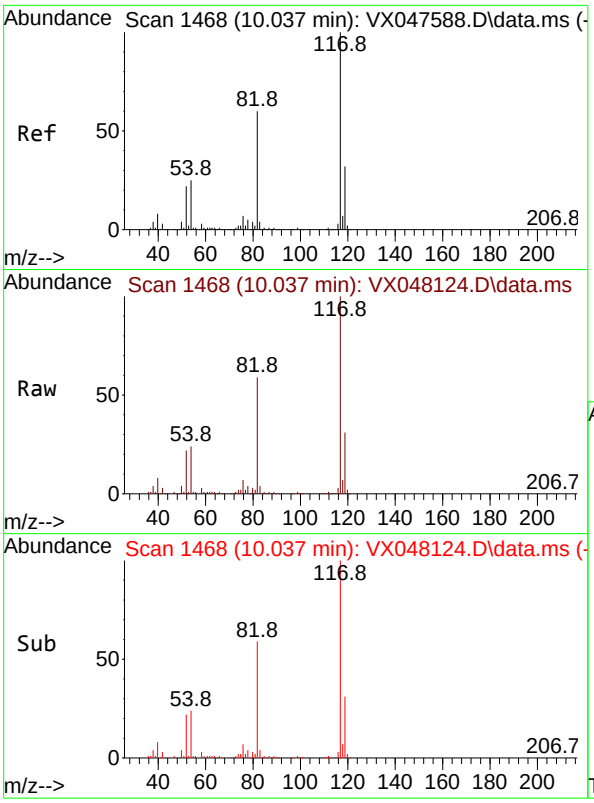


#62
4-Bromofluorobenzene
Concen: 54.328 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 95 Resp: 102307

Ion	Ratio	Lower	Upper
95	100		
174	72.9	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: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:117 Resp: 20263

Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.6
119	31.1	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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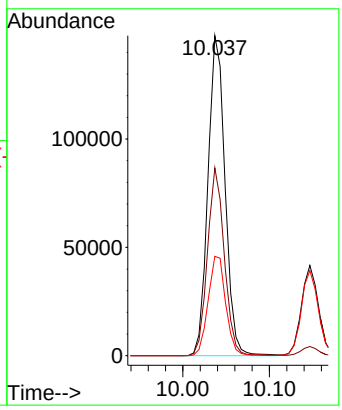
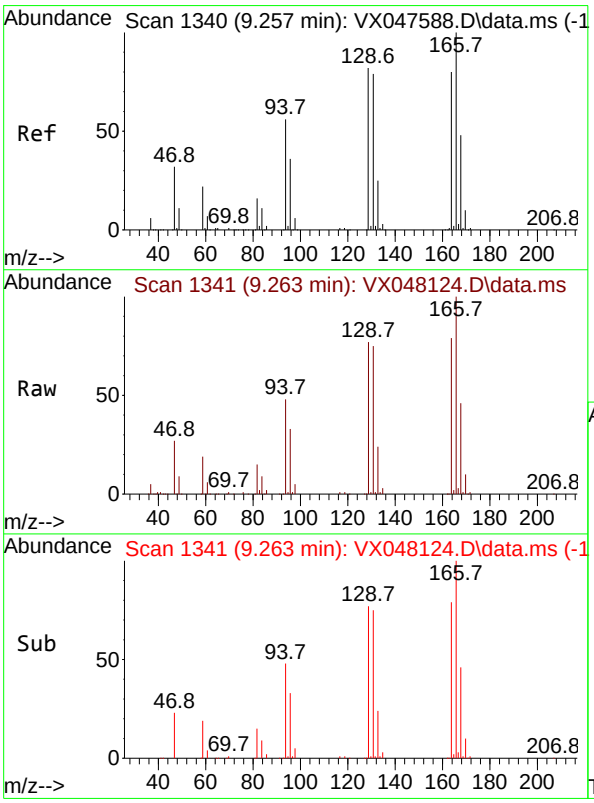
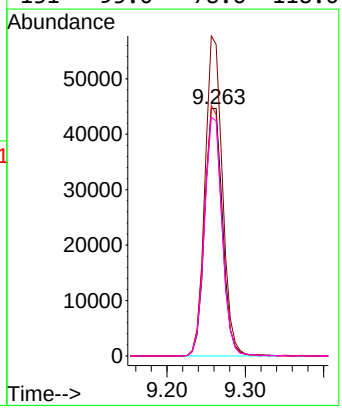


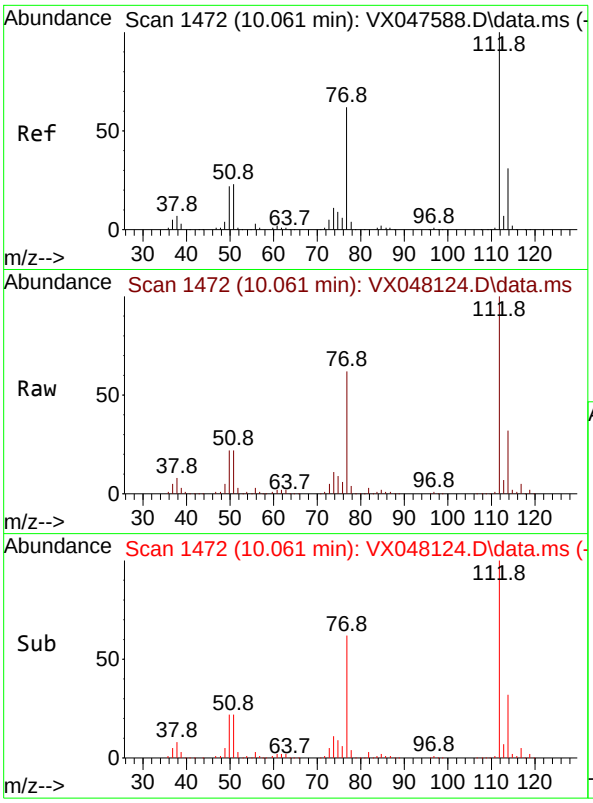


#64
Tetrachloroethene
Concen: 53.291 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:164 Resp: 70394

Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.2	150.2
129	97.5	81.8	122.6
131	95.0	78.6	118.0





#65
Chlorobenzene
Concen: 52.712 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:112 Resp: 24265

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
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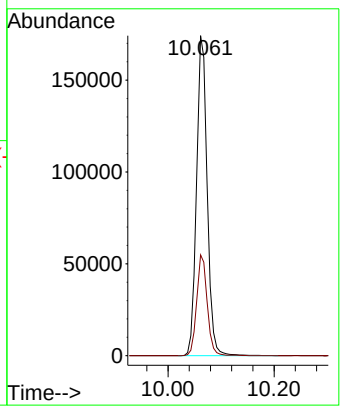
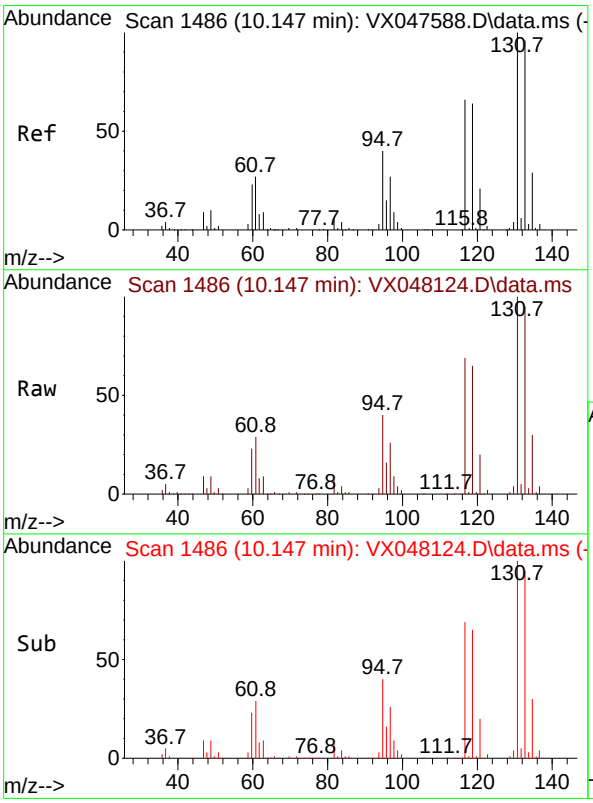
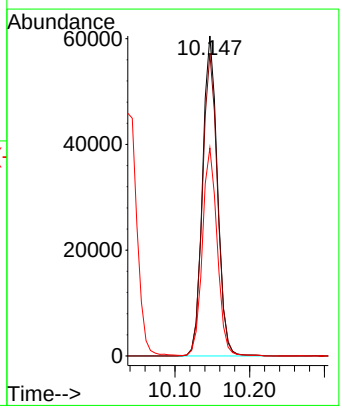


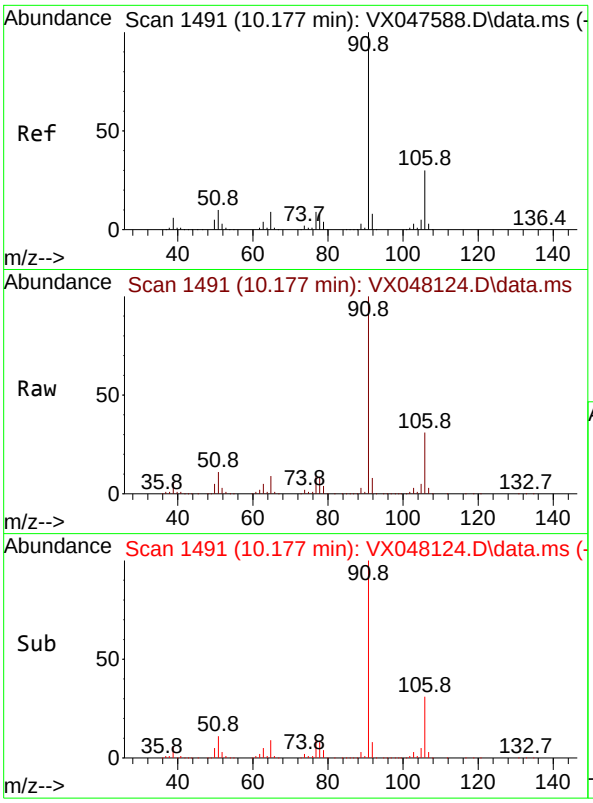


#66
1,1,1,2-Tetrachloroethane
Concen: 52.488 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:131 Resp: 83378

Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.3	142.0
119	64.9	32.0	96.0

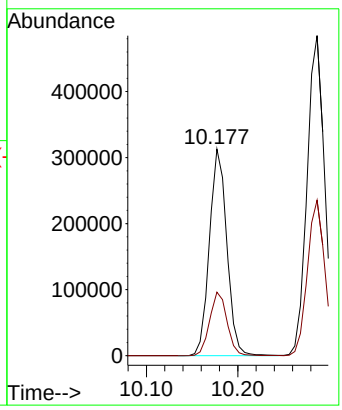




#67
Ethyl Benzene
Concen: 52.075 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 91 Resp: 41362

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.3	36.5



Instrument :
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ClientSampleId :
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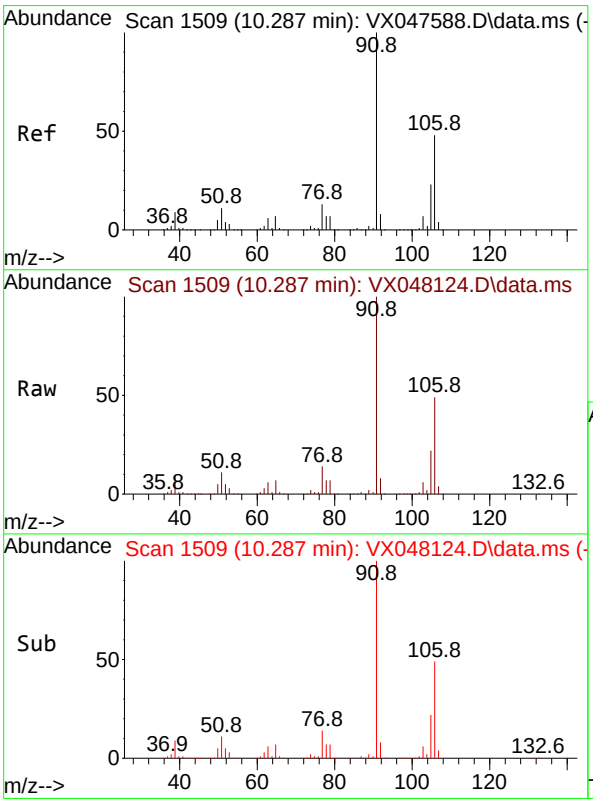
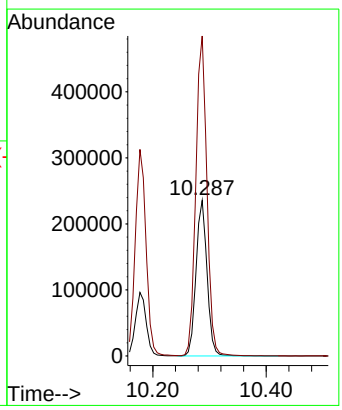
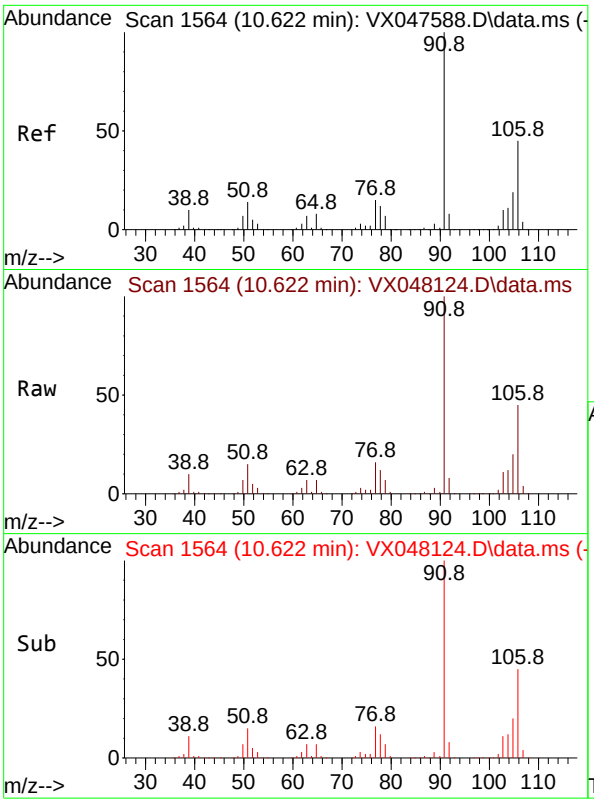


#68
m/p-Xylenes
Concen: 107.168 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:106 Resp: 316828

Ion	Ratio	Lower	Upper
106	100		
91	207.1	167.8	251.8

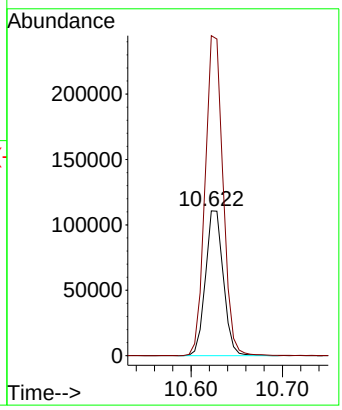




#69
o-Xylene
Concen: 52.418 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:106 Resp: 14989

Ion	Ratio	Lower	Upper
106	100		
91	221.1	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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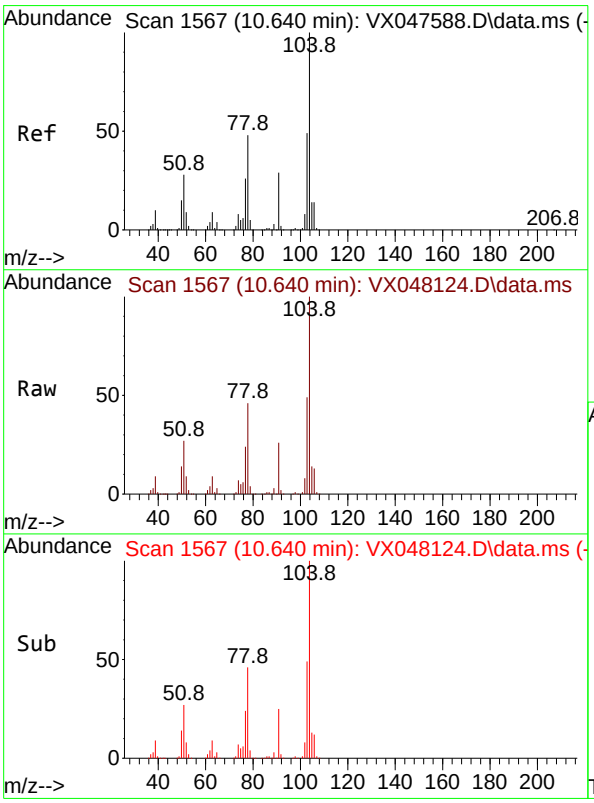
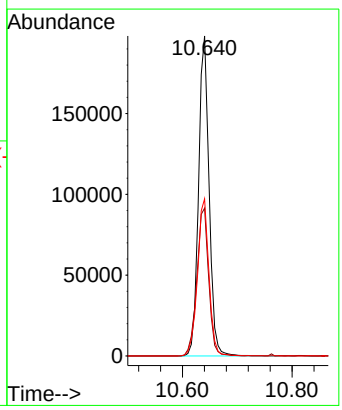
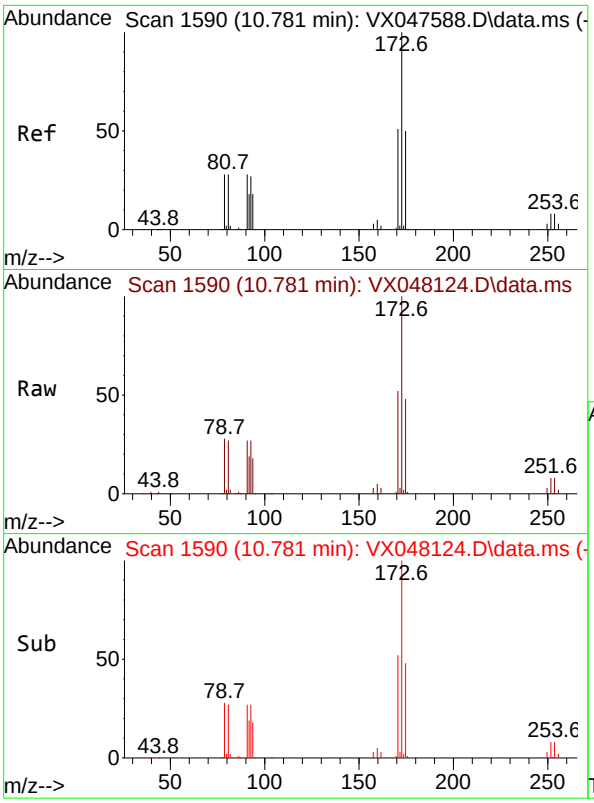


#70
Styrene
Concen: 52.853 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:104 Resp: 264817

Ion	Ratio	Lower	Upper
104	100		
78	52.1	43.1	64.7
103	53.5	43.1	64.7

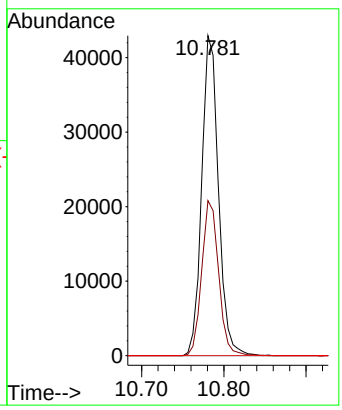




#71
Bromoform
Concen: 51.130 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:173 Resp: 6064

Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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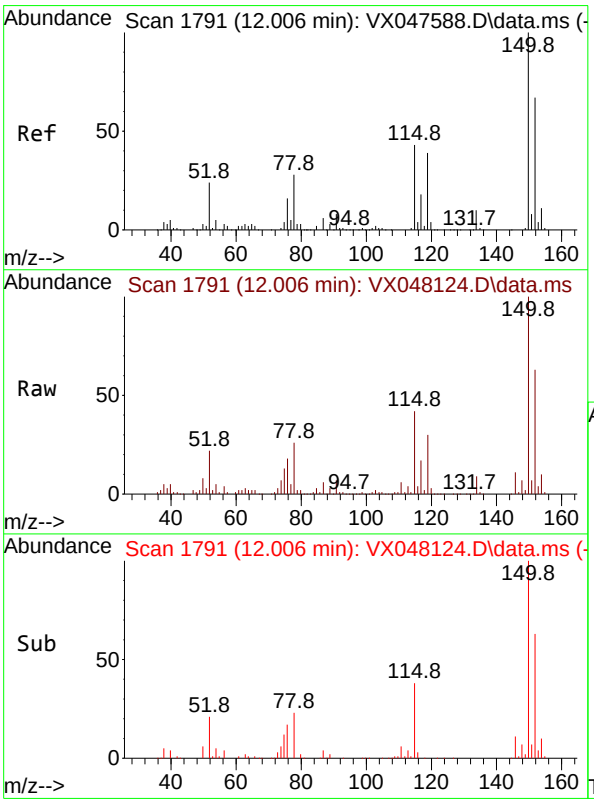
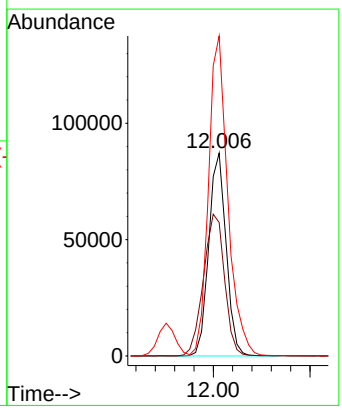
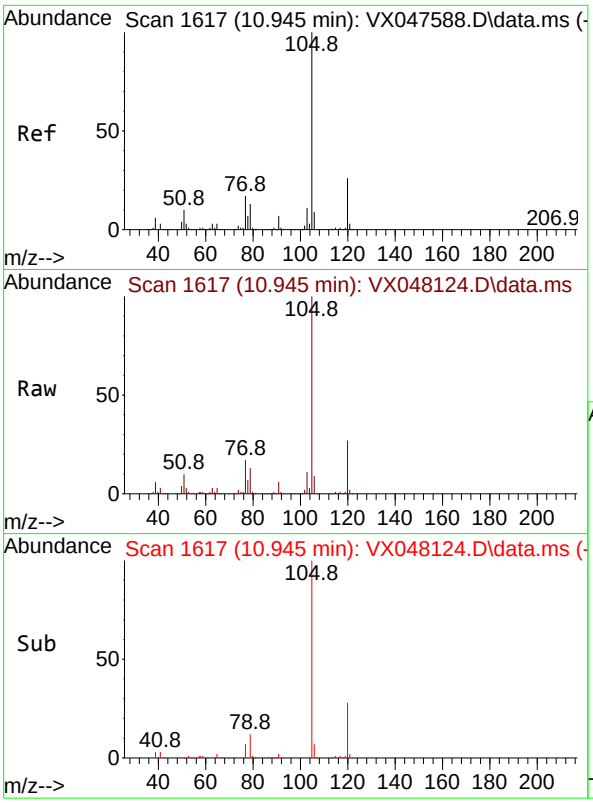


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:152 Resp: 108959

Ion	Ratio	Lower	Upper
152	100		
115	85.3	44.9	134.5
150	174.3	0.0	352.0





#73
Isopropylbenzene
Concen: 45.514 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:105 Resp: 37702

Ion	Ratio	Lower	Upper
105	100		
120	26.7	12.8	38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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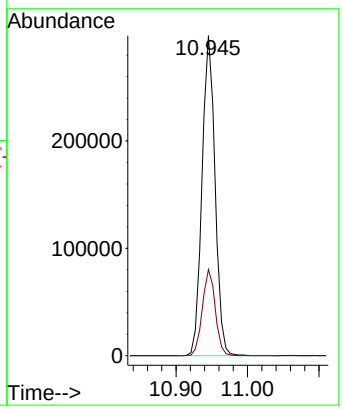
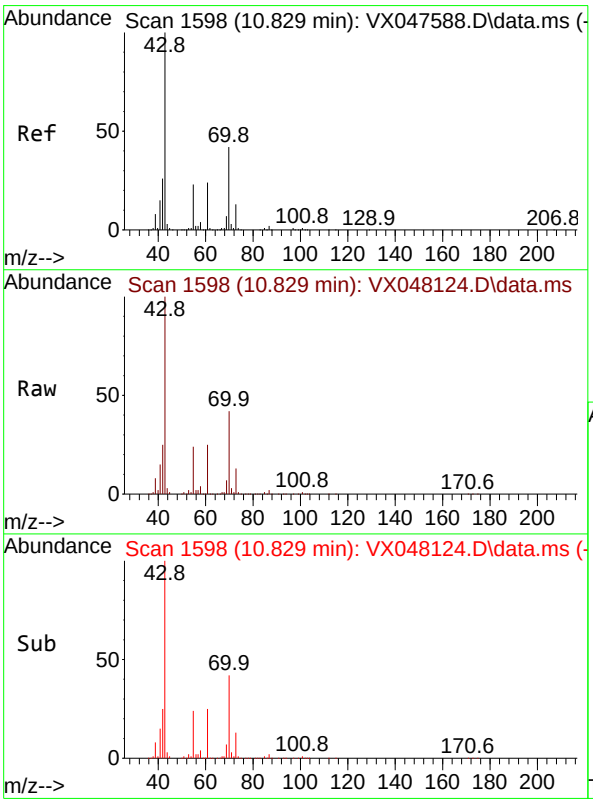
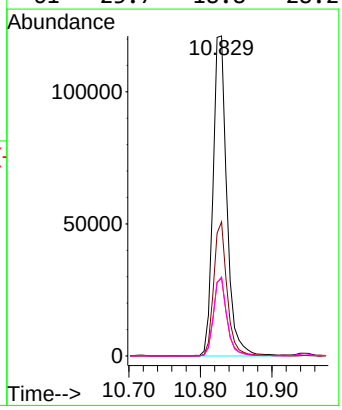


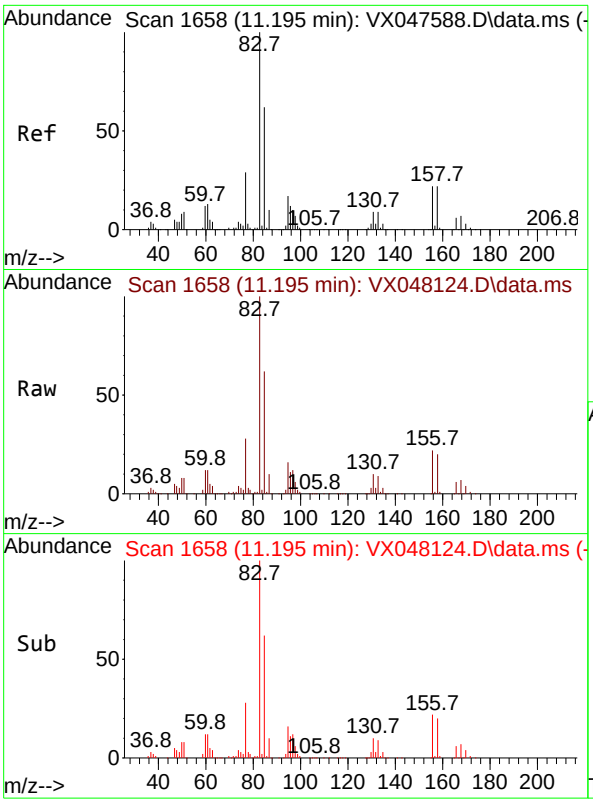


#74
N-amyl acetate
Concen: 43.065 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 162680

Ion	Ratio	Lower	Upper
43	100		
70	40.5	32.0	48.0
55	24.0	18.9	28.3
61	23.7	18.8	28.2

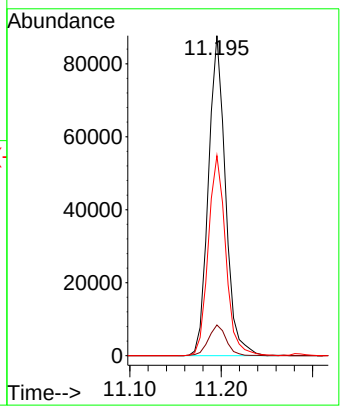




#75
1,1,2,2-Tetrachloroethane
Concen: 45.302 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 83 Resp: 11353

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.0	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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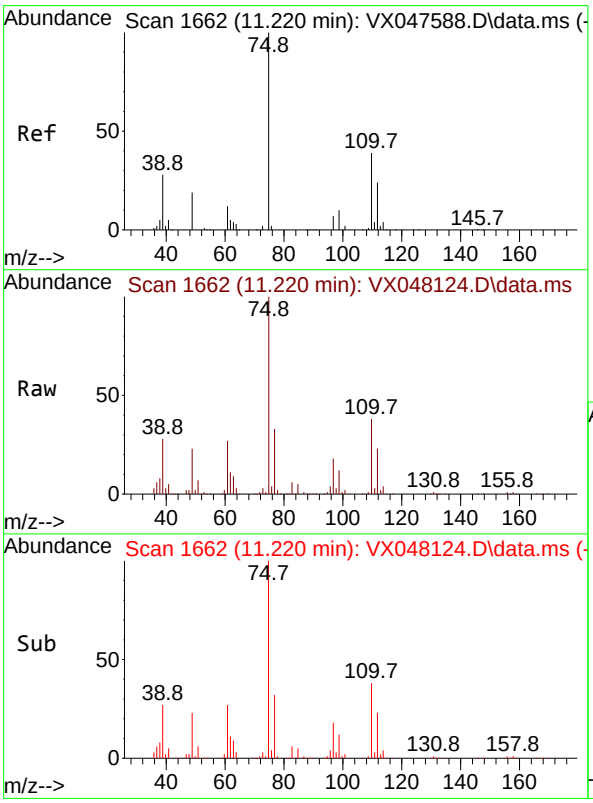
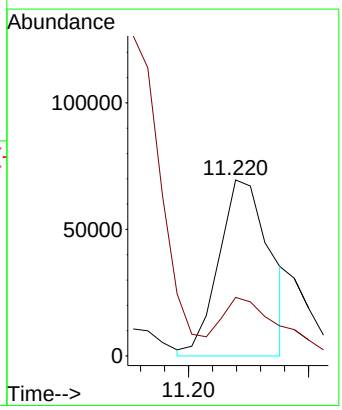
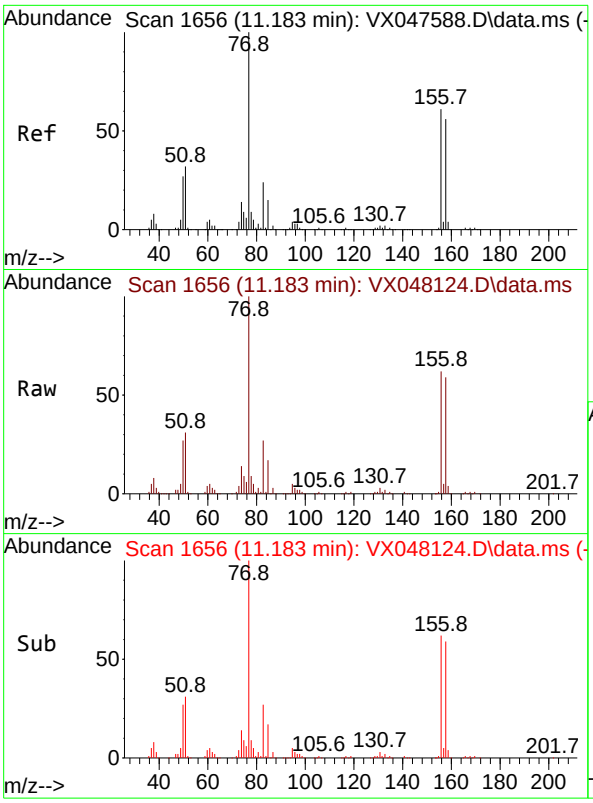


#76
1,2,3-Trichloropropane
Concen: 46.327 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 102201

Ion	Ratio	Lower	Upper
75	100		
77	38.3	18.8	56.4

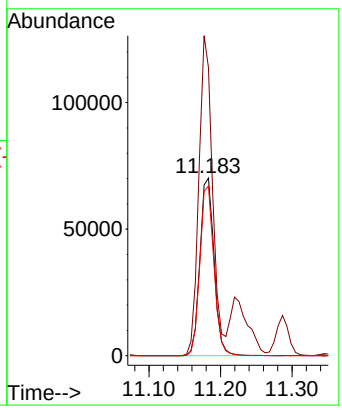




#77
Bromobenzene
Concen: 47.370 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:156 Resp: 9664

Ion	Ratio	Lower	Upper
156	100		
77	174.1	89.7	269.1
158	94.7	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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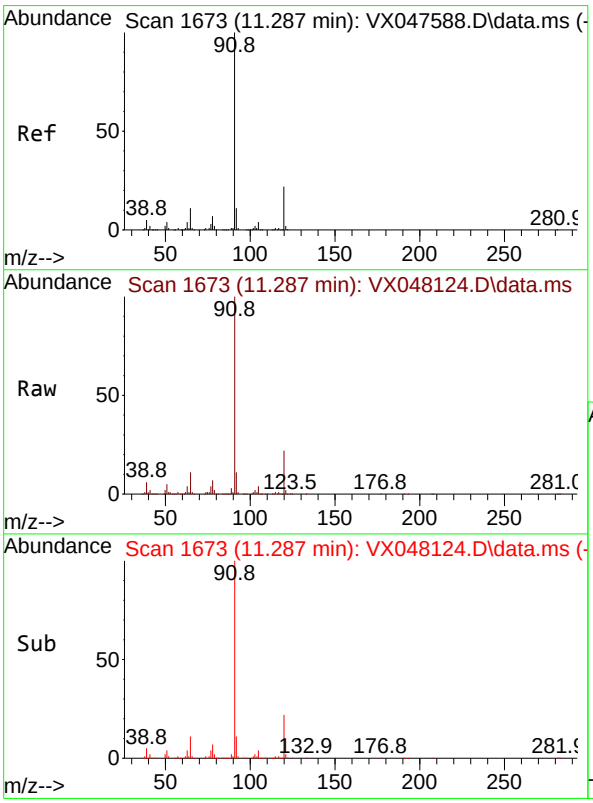
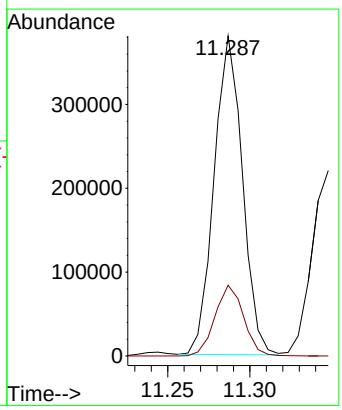
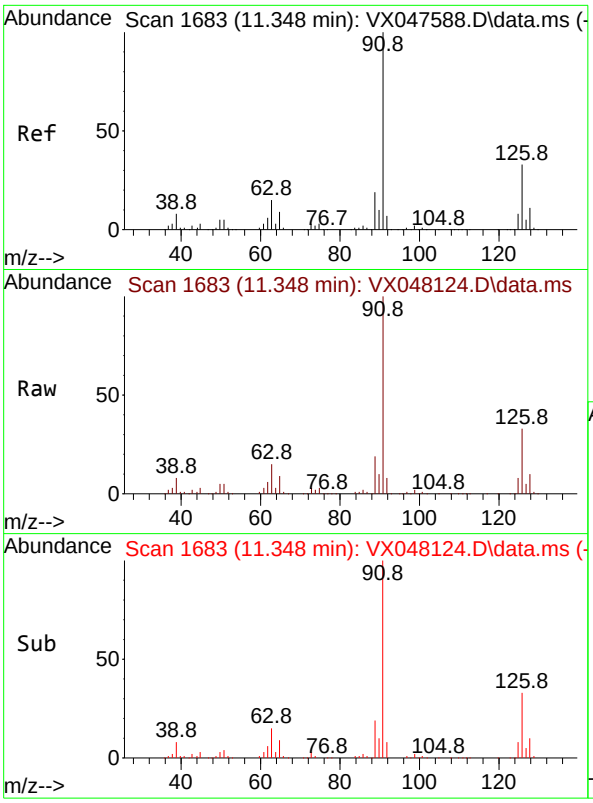


#78
n-propylbenzene
Concen: 46.485 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 91 Resp: 455204

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1

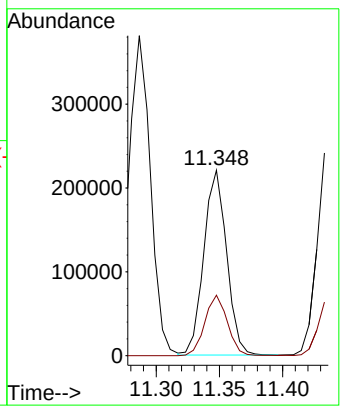




#79
2-Chlorotoluene
Concen: 46.076 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 91 Resp: 27634

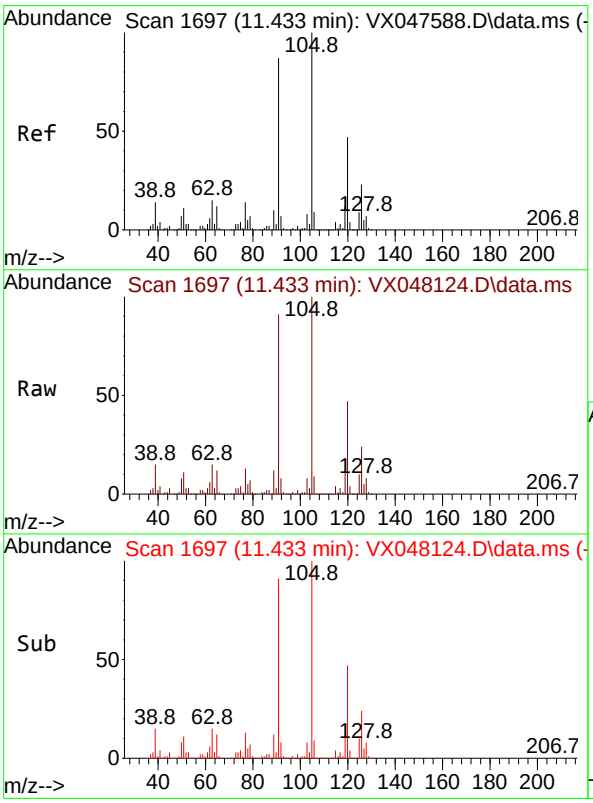
Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

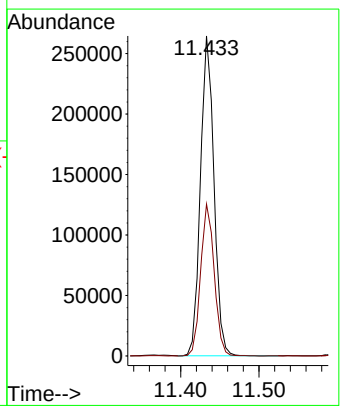
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

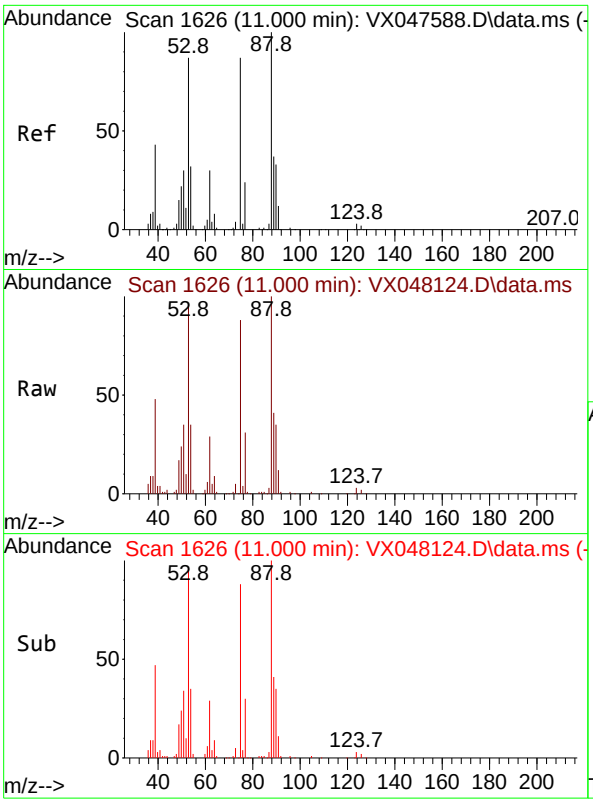


#80
1,3,5-Trimethylbenzene
Concen: 46.468 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:105 Resp: 316254

Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.6	70.8

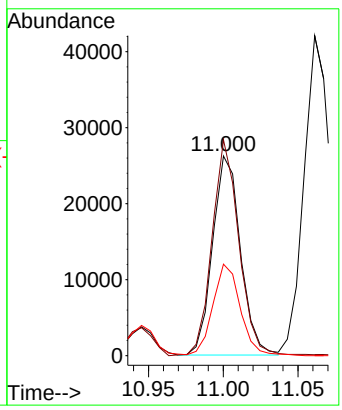




#81
trans-1,4-Dichloro-2-butene
Concen: 39.251 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 3395

Ion	Ratio	Lower	Upper
75	100		
53	103.9	83.4	125.2
89	45.4	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 10/13/2025
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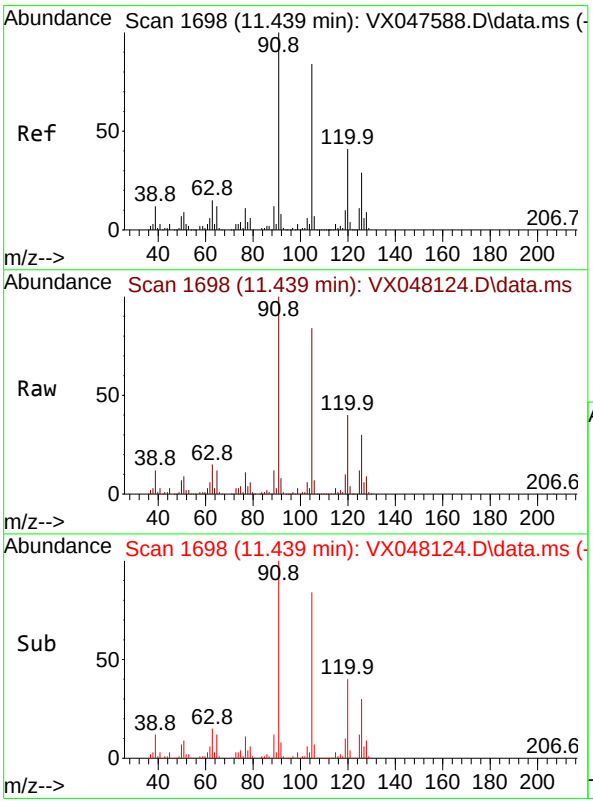
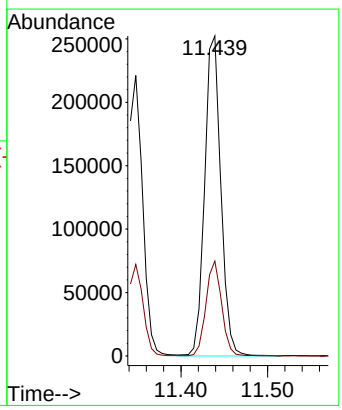
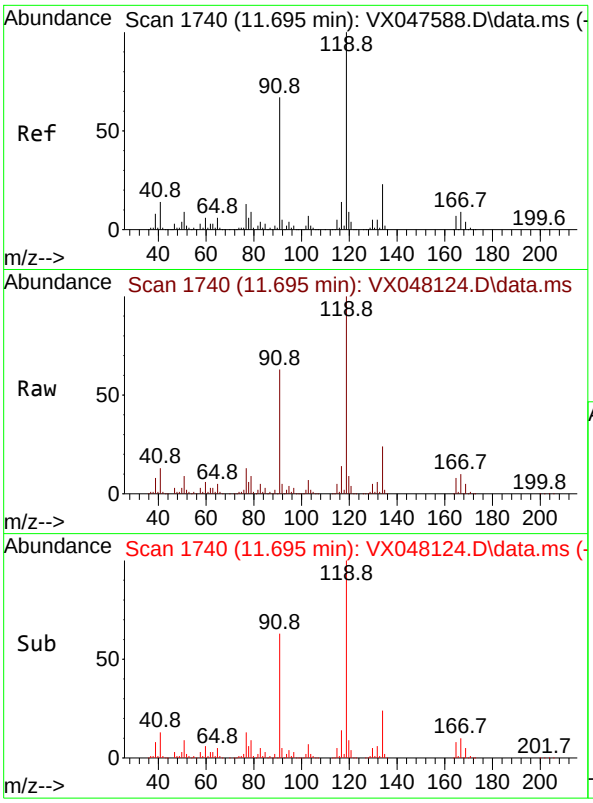


#82
4-Chlorotoluene
Concen: 46.351 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 91 Resp: 328330

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.2	42.6

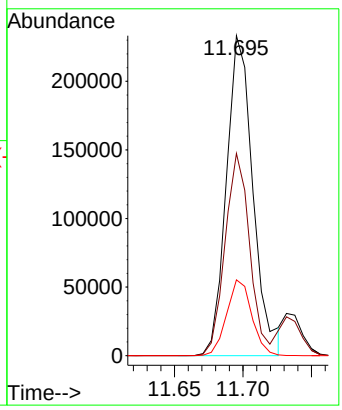




#83
tert-Butylbenzene
Concen: 45.281 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:119 Resp: 31547

Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.6	88.8
134	22.4	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Reviewed By :John Carlone 10/13/2025
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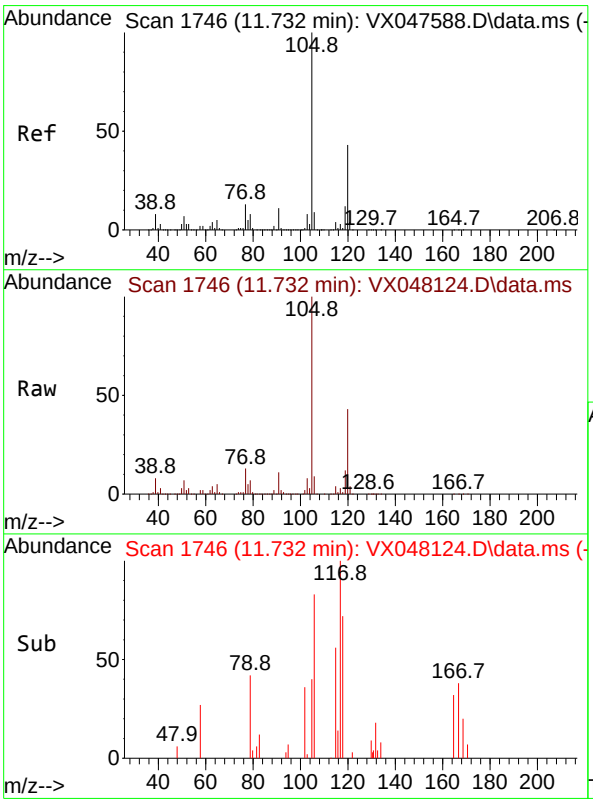
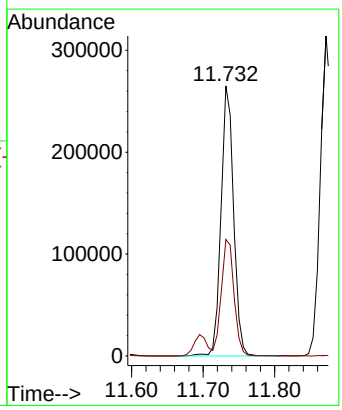
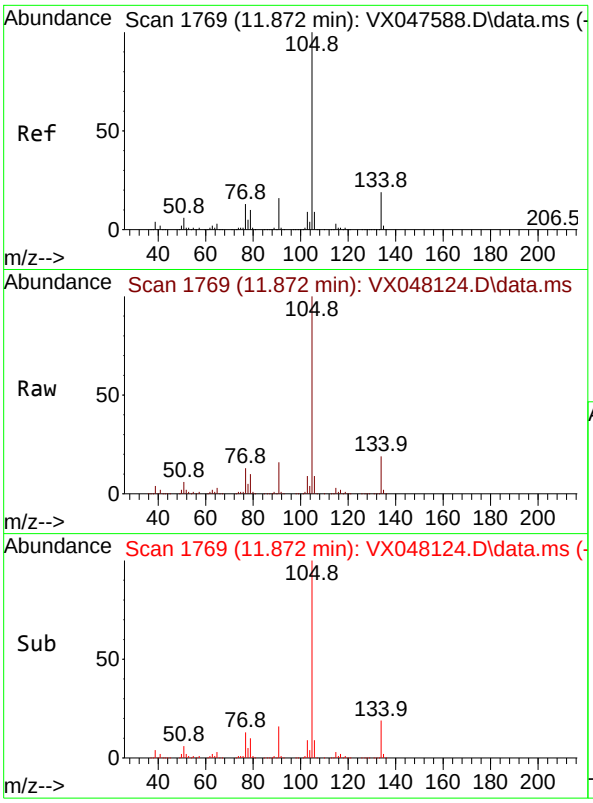


#84
1,2,4-Trimethylbenzene
Concen: 47.020 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:105 Resp: 324439

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.1	66.1

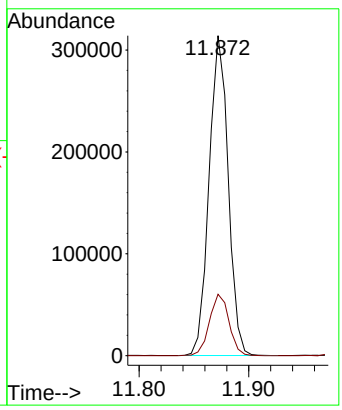




#85
sec-Butylbenzene
Concen: 45.854 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:105 Resp: 37946

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Reviewed By :John Carlone 10/13/2025
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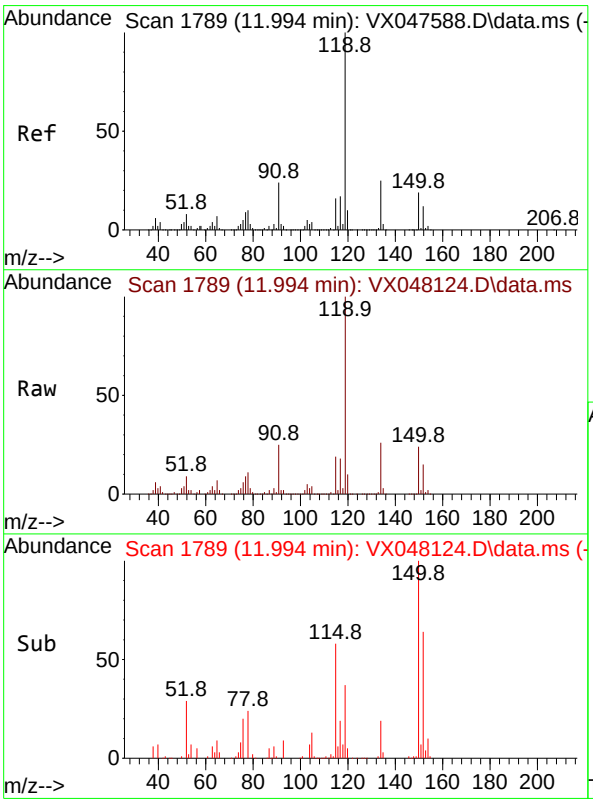
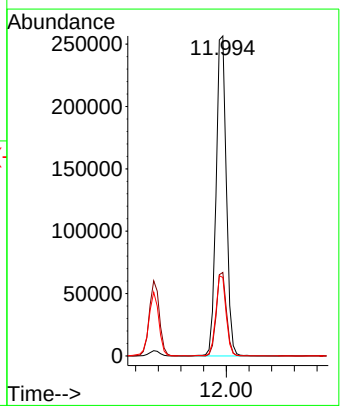
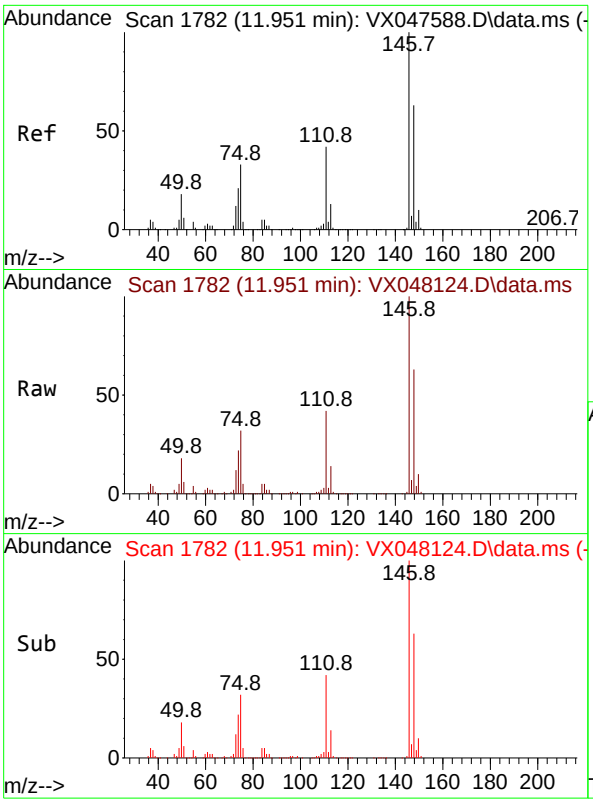


#86
p-Isopropyltoluene
Concen: 45.585 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:119 Resp: 319363

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.2	12.6	37.6

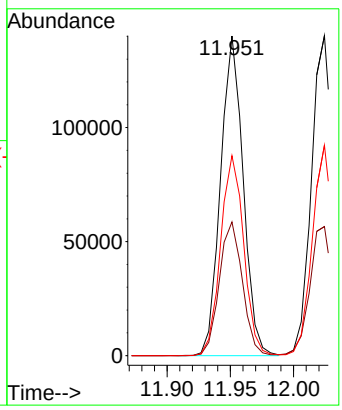




#87
1,3-Dichlorobenzene
Concen: 45.935 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:146 Resp: 17407

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.5	64.5
148	64.2	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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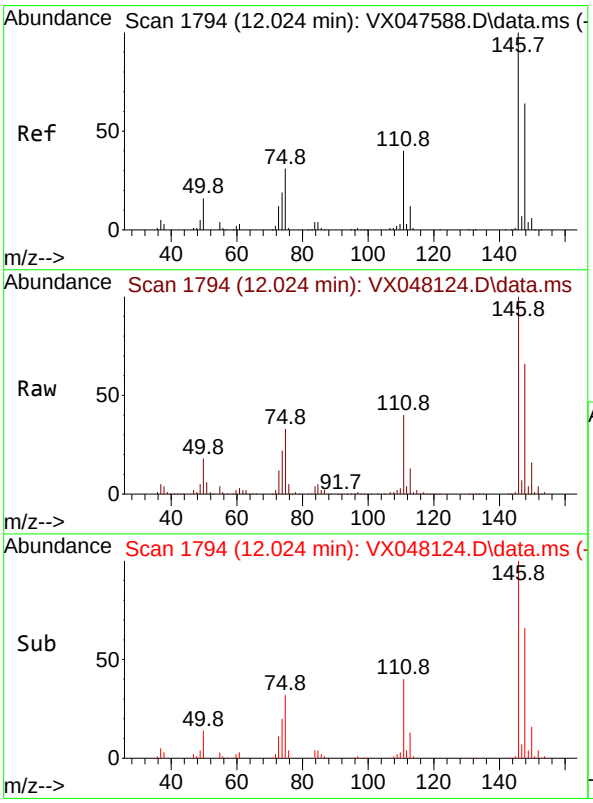
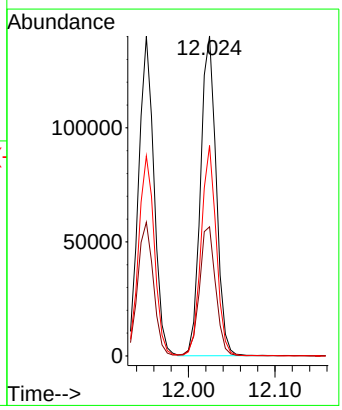
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

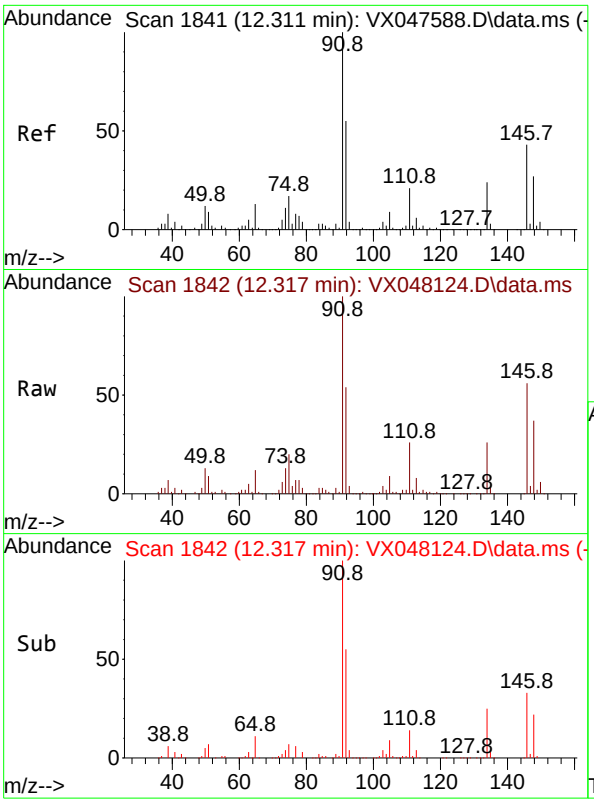


#88
1,4-Dichlorobenzene
Concen: 45.205 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:146 Resp: 175818

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.4
148	63.5	31.7	95.1

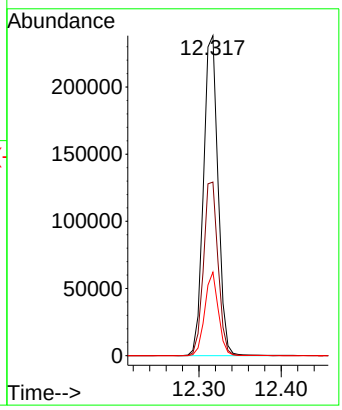




#89
n-Butylbenzene
Concen: 45.225 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 91 Resp: 29317

Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	24.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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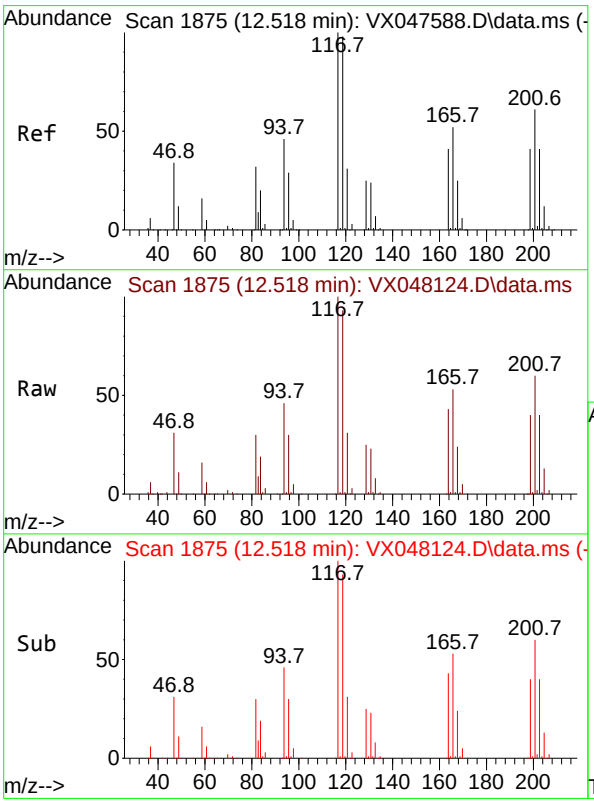
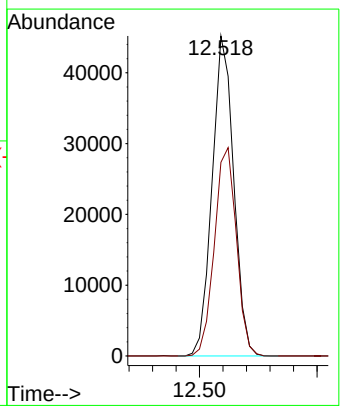
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

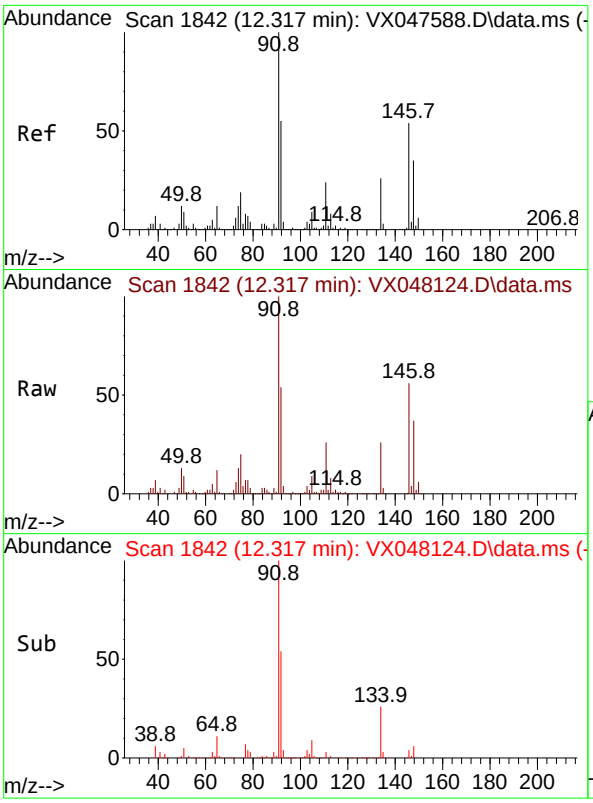


#90
Hexachloroethane
Concen: 46.945 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:117 Resp: 57744

Ion	Ratio	Lower	Upper
117	100		
201	66.3	34.2	102.5

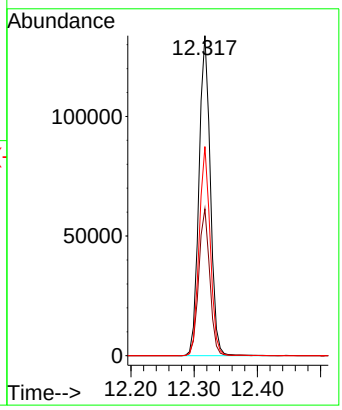




#91
1,2-Dichlorobenzene
Concen: 46.332 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:146 Resp: 16727

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.2	66.6
148	63.5	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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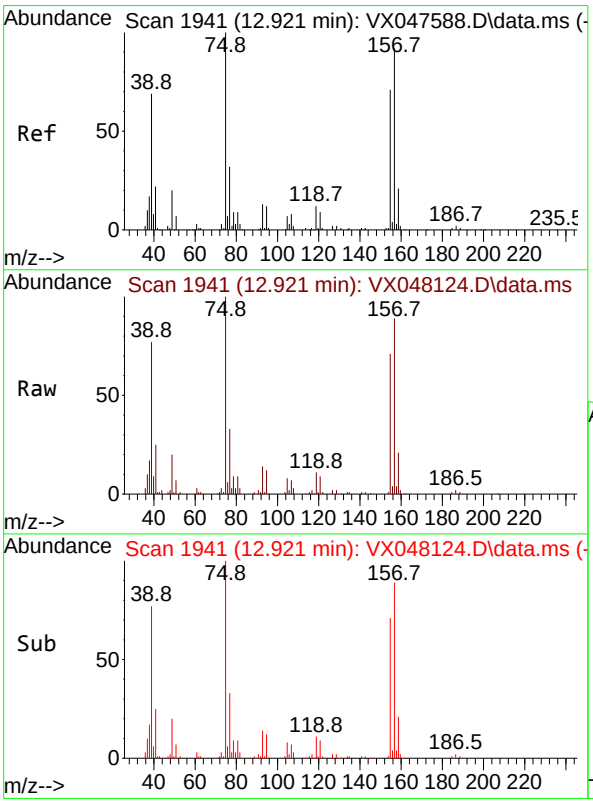
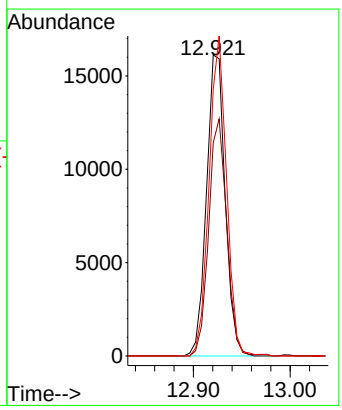
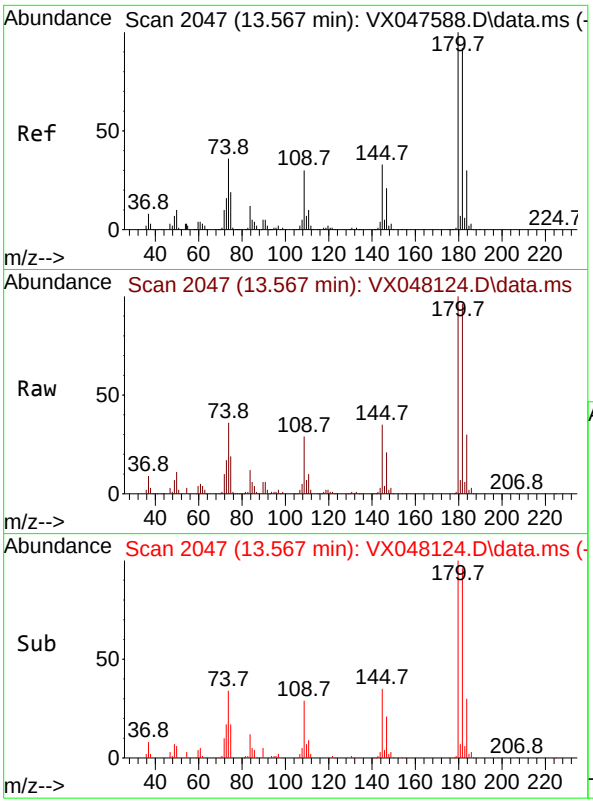


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.854 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 21745

Ion	Ratio	Lower	Upper
75	100		
155	75.6	37.7	113.1
157	99.1	49.8	149.4





#93
1,2,4-Trichlorobenzene
Concen: 43.488 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:180 Resp: 10203

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.6	139.8
145	33.6	16.4	49.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

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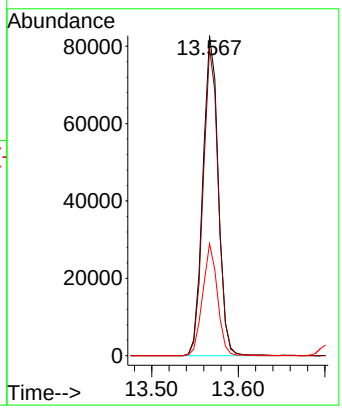
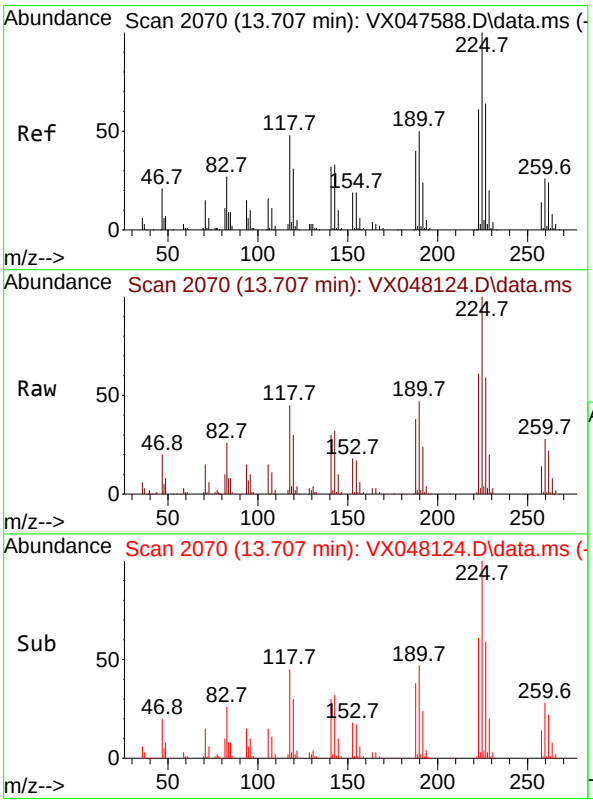
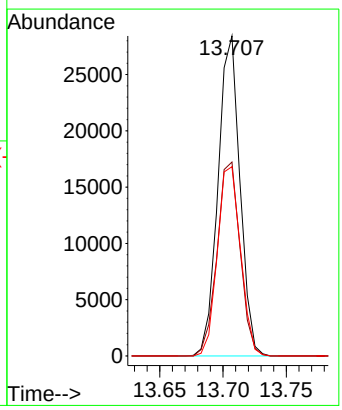


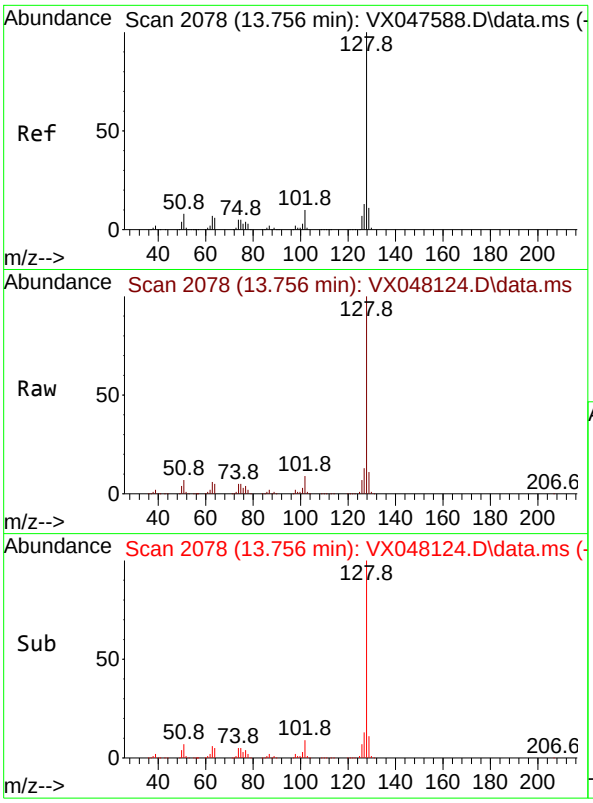


#94
Hexachlorobutadiene
Concen: 42.912 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:225 Resp: 34201

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.7	95.1
227	62.3	32.0	96.0

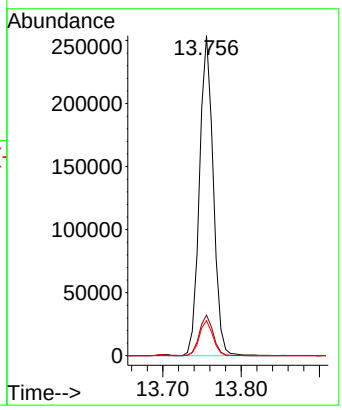




#95
Naphthalene
Concen: 43.435 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:128 Resp: 31033

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 10/13/2025
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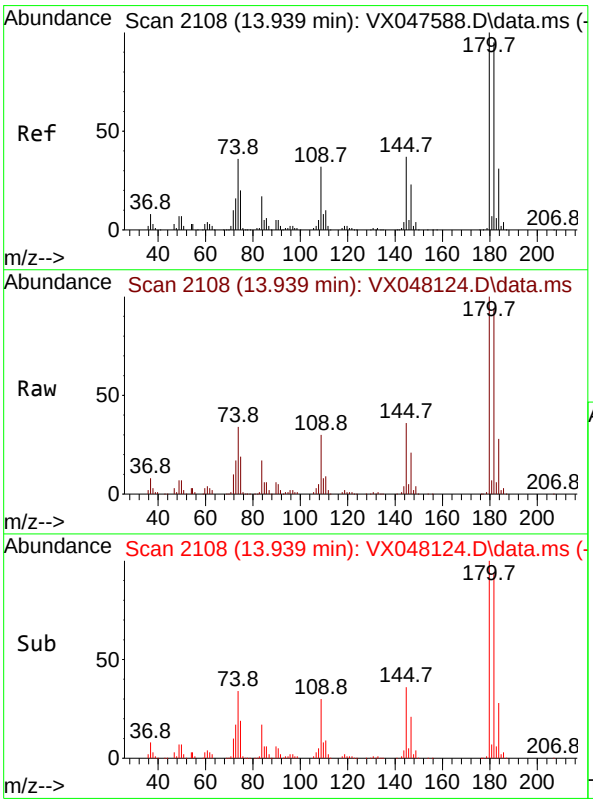
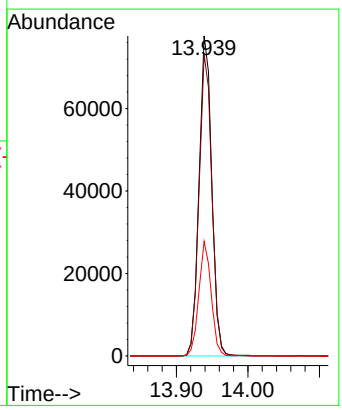


#96
1,2,3-Trichlorobenzene
Concen: 43.689 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:180 Resp: 95358

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	34.9	17.9	53.7



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Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 23:54:14 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

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	67	0.00
2	T	Dichlorodifluoromethane	0.518	0.617	-19.1	82	0.00
3	P	Chloromethane	0.680	0.743	-9.3	75	0.00
4	C	Vinyl Chloride	0.666	0.797	-19.7#	81	0.00
5	T	Bromomethane	0.422	0.510	-20.9	80	0.00
6	T	Chloroethane	0.445	0.508	-14.2	77	0.00
7	T	Trichlorofluoromethane	0.989	1.152	-16.5	77	0.00
8	T	Diethyl Ether	0.405	0.443	-9.4	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.650	-12.5	74	0.00
10	T	Methyl Iodide	0.902	0.938	-4.0	69	0.00
11	T	Tert butyl alcohol	0.089	0.080	10.1	60	0.00
12	CM	1,1-Dichloroethene	0.594	0.679	-14.3#	75	0.00
13	T	Acrolein	0.082	0.084	-2.4	69	0.00
14	T	Allyl chloride	1.226	1.268	-3.4	70	0.00
15	T	Acrylonitrile	0.328	0.358	-9.1	69	0.00
16	T	Acetone	0.346	0.280	19.1	59	0.00
17	T	Carbon Disulfide	1.626	1.966	-20.9	84	0.00
18	T	Methyl Acetate	0.770	0.721	6.4	55	0.00
19	T	Methyl tert-butyl Ether	2.169	2.347	-8.2	70	0.00
20	T	Methylene Chloride	0.732	0.826	-12.8	76	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.741	-15.8	76	0.00
22	T	Diisopropyl ether	2.376	2.660	-12.0	72	0.00
23	T	Vinyl Acetate	1.901	2.157	-13.5	72	0.00
24	P	1,1-Dichloroethane	1.263	1.427	-13.0	74	0.00
25	T	2-Butanone	0.432	0.424	1.9	65	0.00
26	T	2,2-Dichloropropane	1.050	1.036	1.3	65	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.891	-13.8	74	0.00
28	T	Bromochloromethane	0.551	0.649	-17.8	75	0.00
29	T	Tetrahydrofuran	0.260	0.266	-2.3	65	0.00
30	C	Chloroform	1.276	1.469	-15.1#	74	0.00
31	T	Cyclohexane	1.052	1.175	-11.7	76	0.00
32	T	1,1,1-Trichloroethane	1.082	1.227	-13.4	73	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.857	-7.7	74	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35	S	Dibromofluoromethane	0.335	0.345	-3.0	73	0.00
36	T	1,1-Dichloropropene	0.490	0.526	-7.3	75	0.00
37	T	Ethyl Acetate	0.525	0.520	1.0	68	0.00
38	T	Carbon Tetrachloride	0.532	0.566	-6.4	73	0.00
39	T	Methylcyclohexane	0.556	0.594	-6.8	73	0.00
40	TM	Benzene	1.488	1.653	-11.1	76	0.00
41	T	Methacrylonitrile	0.271	0.275	-1.5	67	0.00
42	TM	1,2-Dichloroethane	0.566	0.617	-9.0	74	0.00
43	T	Isopropyl Acetate	0.860	0.854	0.7	66	0.00
44	TM	Trichloroethene	0.360	0.392	-8.9	74	0.00
45	C	1,2-Dichloropropane	0.381	0.421	-10.5#	74	0.00
46	T	Dibromomethane	0.277	0.310	-11.9	75	0.00
47	T	Bromodichloromethane	0.572	0.631	-10.3	72	0.00
48	T	Methyl methacrylate	0.429	0.437	-1.9	68	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 23:54:14 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

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	1.159	0.1	70	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.494	-3.6	67	0.00
52	CM	Toluene	0.917	1.029	-12.2#	76	0.00
53	T	t-1,3-Dichloropropene	0.584	0.624	-6.8	70	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.688	-10.3	73	0.00
55	T	1,1,2-Trichloroethane	0.354	0.387	-9.3	73	0.00
56	T	Ethyl methacrylate	0.555	0.601	-8.3	70	0.00
57	T	1,3-Dichloropropane	0.607	0.684	-12.7	75	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.281	-23.8	72	0.00
59	T	2-Hexanone	0.343	0.337	1.7	65	0.00
60	T	Dibromochloromethane	0.407	0.467	-14.7	75	0.00
61	T	1,2-Dibromoethane	0.360	0.412	-14.4	76	0.00
62	S	4-Bromofluorobenzene	0.440	0.478	-8.6	78	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64	T	Tetrachloroethene	0.326	0.347	-6.4	80	0.00
65	PM	Chlorobenzene	1.136	1.198	-5.5	76	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.411	-4.8	75	0.00
67	C	Ethyl Benzene	1.960	2.041	-4.1#	75	0.00
68	T	m/p-Xylenes	0.729	0.782	-7.3	77	0.00
69	T	o-Xylene	0.706	0.740	-4.8	74	0.00
70	T	Styrene	1.236	1.307	-5.7	76	0.00
71	P	Bromoform	0.293	0.299	-2.0	72	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73	T	Isopropylbenzene	3.801	3.460	9.0	73	0.00
74	T	N-amyl acetate	1.733	1.493	13.8	68	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.042	9.4	73	0.00
76	T	1,2,3-Trichloropropane	1.012	0.938	7.3	71	0.00
77	T	Bromobenzene	0.936	0.887	5.2	77	0.00
78	T	n-propylbenzene	4.494	4.178	7.0	74	0.00
79	T	2-Chlorotoluene	2.752	2.536	7.8	74	0.00
80	T	1,3,5-Trimethylbenzene	3.123	2.903	7.0	74	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.312	21.4	64	0.00
82	T	4-Chlorotoluene	3.251	3.013	7.3	75	0.00
83	T	tert-Butylbenzene	3.197	2.895	9.4	74	0.00
84	T	1,2,4-Trimethylbenzene	3.166	2.978	5.9	76	0.00
85	T	sec-Butylbenzene	3.797	3.483	8.3	74	0.00
86	T	p-Isopropyltoluene	3.215	2.931	8.8	73	0.00
87	T	1,3-Dichlorobenzene	1.739	1.598	8.1	75	0.00
88	T	1,4-Dichlorobenzene	1.785	1.614	9.6	75	0.00
89	T	n-Butylbenzene	2.975	2.691	9.5	73	0.00
90	T	Hexachloroethane	0.564	0.530	6.0	76	0.00
91	T	1,2-Dichlorobenzene	1.657	1.535	7.4	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.200	14.2	67	0.00
93	T	1,2,4-Trichlorobenzene	1.077	0.936	13.1	69	0.00
94	T	Hexachlorobutadiene	0.366	0.314	14.2	70	0.00
95	T	Naphthalene	3.279	2.848	13.1	69	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 23:54:14 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

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	0.875	12.7	69	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 23:54:14 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

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	67	0.00
2	T	Dichlorodifluoromethane	50.000	59.599	-19.2	82	0.00
3	P	Chloromethane	50.000	54.622	-9.2	75	0.00
4	C	Vinyl Chloride	50.000	59.858	-19.7#	81	0.00
5	T	Bromomethane	50.000	60.314	-20.6	80	0.00
6	T	Chloroethane	50.000	57.050	-14.1	77	0.00
7	T	Trichlorofluoromethane	50.000	58.249	-16.5	77	0.00
8	T	Diethyl Ether	50.000	54.701	-9.4	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.204	-12.4	74	0.00
10	T	Methyl Iodide	50.000	51.994	-4.0	69	0.00
11	T	Tert butyl alcohol	250.000	226.118	9.6	60	0.00
12	CM	1,1-Dichloroethene	50.000	57.134	-14.3#	75	0.00
13	T	Acrolein	250.000	256.068	-2.4	69	0.00
14	T	Allyl chloride	50.000	51.715	-3.4	70	0.00
15	T	Acrylonitrile	250.000	272.659	-9.1	69	0.00
16	T	Acetone	250.000	202.563	19.0	59	0.00
17	T	Carbon Disulfide	50.000	60.452	-20.9	84	0.00
18	T	Methyl Acetate	50.000	46.828	6.3	55	0.00
19	T	Methyl tert-butyl Ether	50.000	54.118	-8.2	70	0.00
20	T	Methylene Chloride	50.000	56.354	-12.7	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.899	-15.8	76	0.00
22	T	Diisopropyl ether	50.000	55.983	-12.0	72	0.00
23	T	Vinyl Acetate	250.000	283.620	-13.4	72	0.00
24	P	1,1-Dichloroethane	50.000	56.491	-13.0	74	0.00
25	T	2-Butanone	250.000	245.652	1.7	65	0.00
26	T	2,2-Dichloropropane	50.000	49.337	1.3	65	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.868	-13.7	74	0.00
28	T	Bromochloromethane	50.000	58.900	-17.8	75	0.00
29	T	Tetrahydrofuran	250.000	255.907	-2.4	65	0.00
30	C	Chloroform	50.000	57.550	-15.1#	74	0.00
31	T	Cyclohexane	50.000	55.864	-11.7	76	0.00
32	T	1,1,1-Trichloroethane	50.000	56.674	-13.3	73	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.817	-7.6	74	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	51.473	-2.9	73	0.00
36	T	1,1-Dichloropropene	50.000	53.664	-7.3	75	0.00
37	T	Ethyl Acetate	50.000	49.524	1.0	68	0.00
38	T	Carbon Tetrachloride	50.000	53.110	-6.2	73	0.00
39	T	Methylcyclohexane	50.000	53.357	-6.7	73	0.00
40	TM	Benzene	50.000	55.537	-11.1	76	0.00
41	T	Methacrylonitrile	50.000	50.842	-1.7	67	0.00
42	TM	1,2-Dichloroethane	50.000	54.500	-9.0	74	0.00
43	T	Isopropyl Acetate	50.000	49.627	0.7	66	0.00
44	TM	Trichloroethene	50.000	54.451	-8.9	74	0.00
45	C	1,2-Dichloropropane	50.000	55.269	-10.5#	74	0.00
46	T	Dibromomethane	50.000	55.952	-11.9	75	0.00
47	T	Bromodichloromethane	50.000	55.144	-10.3	72	0.00
48	T	Methyl methacrylate	50.000	50.949	-1.9	68	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 23:54:14 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

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	1126.435	-12.6	71	0.00
50	S	Toluene-d8	50.000	49.962	0.1	70	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.661	-3.5	67	0.00
52	CM	Toluene	50.000	56.118	-12.2#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	53.434	-6.9	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.133	-10.3	73	0.00
55	T	1,1,2-Trichloroethane	50.000	54.764	-9.5	73	0.00
56	T	Ethyl methacrylate	50.000	54.141	-8.3	70	0.00
57	T	1,3-Dichloropropane	50.000	56.337	-12.7	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	263.994	-5.6	72	0.00
59	T	2-Hexanone	250.000	245.611	1.8	65	0.00
60	T	Dibromochloromethane	50.000	57.354	-14.7	75	0.00
61	T	1,2-Dibromoethane	50.000	57.200	-14.4	76	0.00
62	S	4-Bromofluorobenzene	50.000	54.328	-8.7	78	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64	T	Tetrachloroethene	50.000	53.291	-6.6	80	0.00
65	PM	Chlorobenzene	50.000	52.712	-5.4	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.488	-5.0	75	0.00
67	C	Ethyl Benzene	50.000	52.075	-4.2#	75	0.00
68	T	m/p-Xylenes	100.000	107.168	-7.2	77	0.00
69	T	o-Xylene	50.000	52.418	-4.8	74	0.00
70	T	Styrene	50.000	52.853	-5.7	76	0.00
71	P	Bromoform	50.000	51.130	-2.3	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	45.514	9.0	73	0.00
74	T	N-amyl acetate	50.000	43.065	13.9	68	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.302	9.4	73	0.00
76	T	1,2,3-Trichloropropane	50.000	46.327	7.3	71	0.00
77	T	Bromobenzene	50.000	47.370	5.3	77	0.00
78	T	n-propylbenzene	50.000	46.485	7.0	74	0.00
79	T	2-Chlorotoluene	50.000	46.076	7.8	74	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.468	7.1	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	39.251	21.5	64	0.00
82	T	4-Chlorotoluene	50.000	46.351	7.3	75	0.00
83	T	tert-Butylbenzene	50.000	45.281	9.4	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.020	6.0	76	0.00
85	T	sec-Butylbenzene	50.000	45.854	8.3	74	0.00
86	T	p-Isopropyltoluene	50.000	45.585	8.8	73	0.00
87	T	1,3-Dichlorobenzene	50.000	45.935	8.1	75	0.00
88	T	1,4-Dichlorobenzene	50.000	45.205	9.6	75	0.00
89	T	n-Butylbenzene	50.000	45.225	9.5	73	0.00
90	T	Hexachloroethane	50.000	46.945	6.1	76	0.00
91	T	1,2-Dichlorobenzene	50.000	46.332	7.3	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.854	14.3	67	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.488	13.0	69	0.00
94	T	Hexachlorobutadiene	50.000	42.912	14.2	70	0.00
95	T	Naphthalene	50.000	43.435	13.1	69	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 10 23:54:14 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

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	43.689	12.6	69	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:	TETR06
Lab Code:	ACE	SDG No.:	Q3324
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: TETR06
Lab Code: ACE
SDG No.: Q3324
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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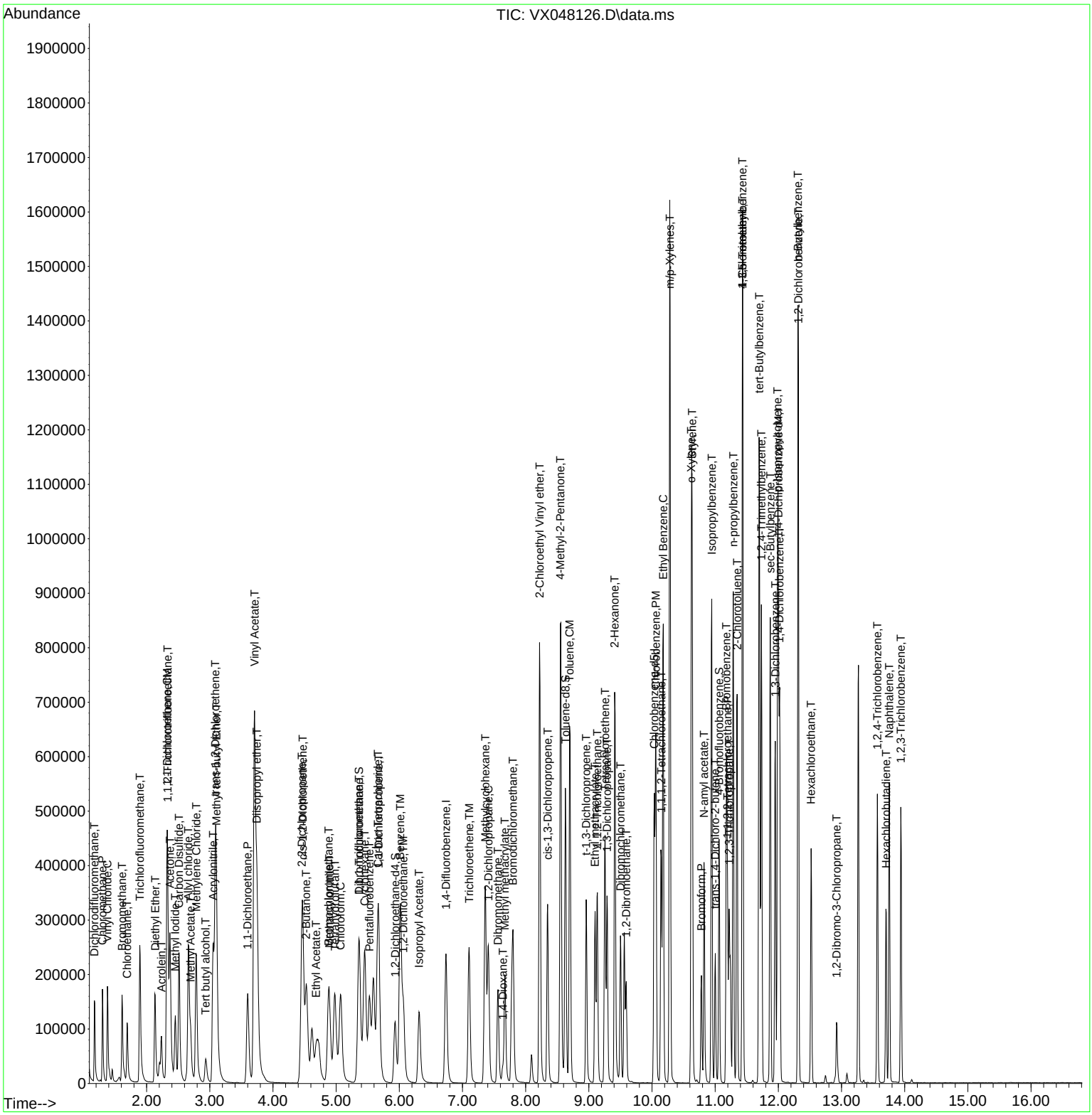
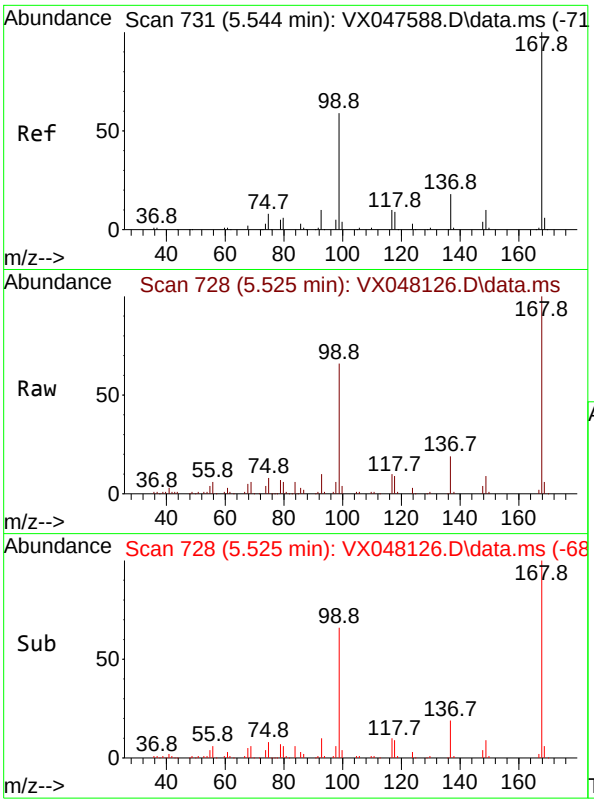
Quant Time: Oct 14 01:48:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

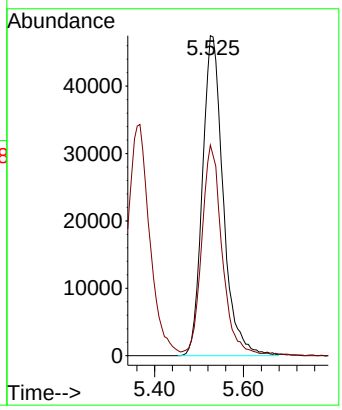




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 7
Delta R.T. -0.019 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:168 Resp: 15423

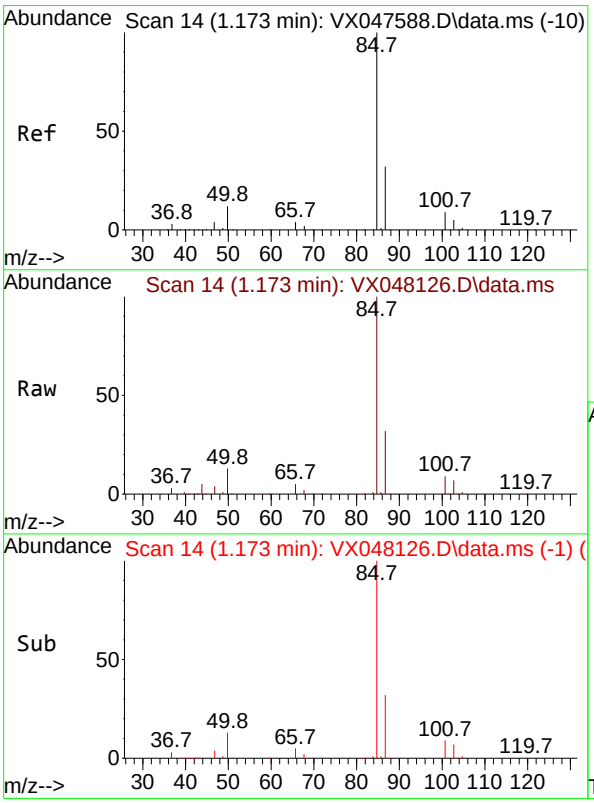
Ion	Ratio	Lower	Upper
168	100		
99	65.2	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

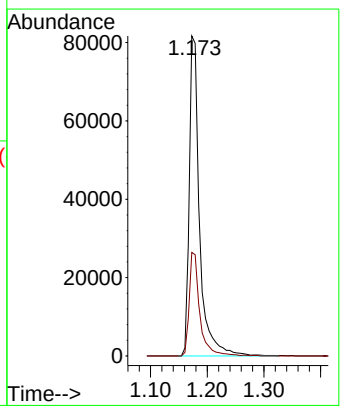
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

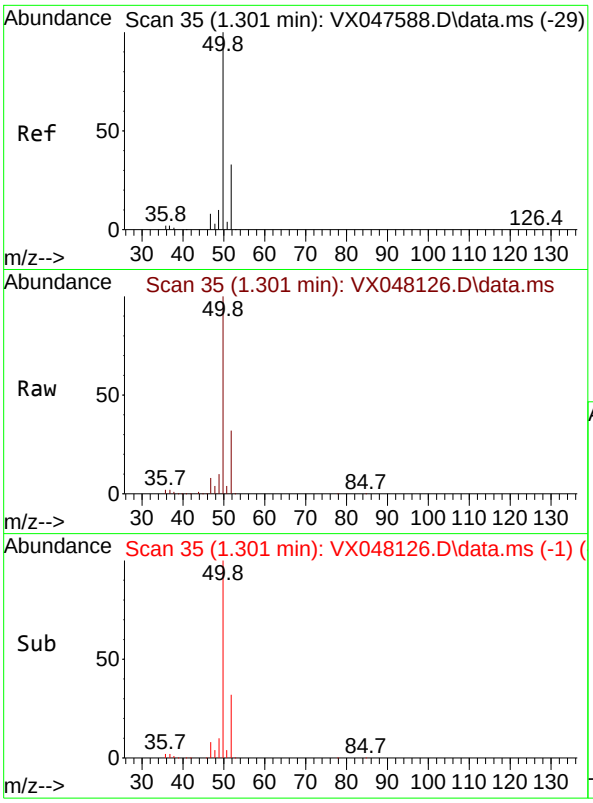


#2
Dichlorodifluoromethane
Concen: 64.782 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 85 Resp: 103463

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.8	47.3

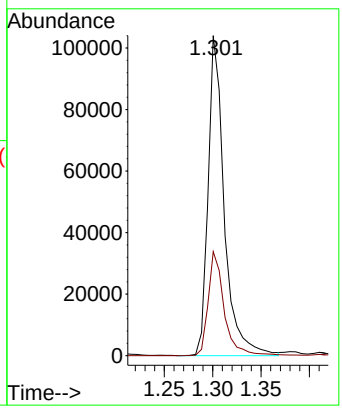




#3
Chloromethane
Concen: 57.677 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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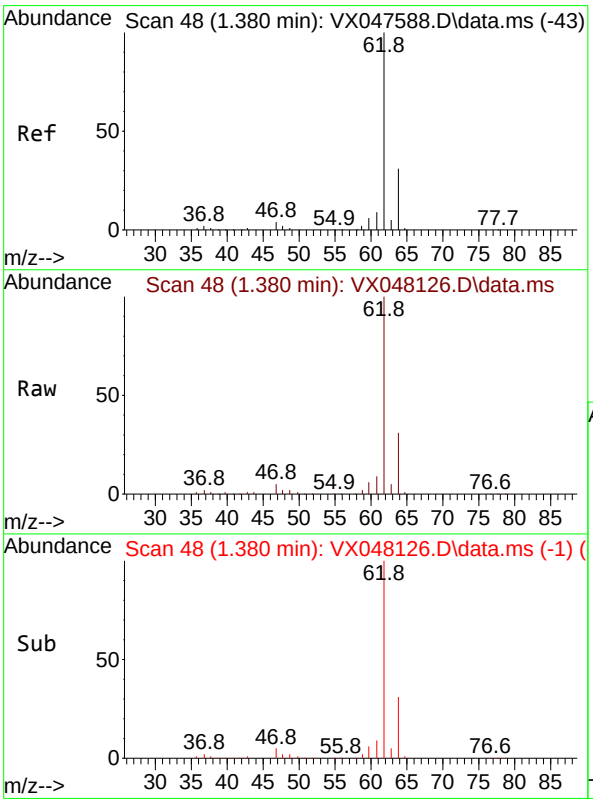
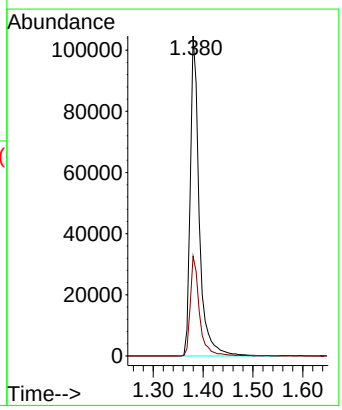
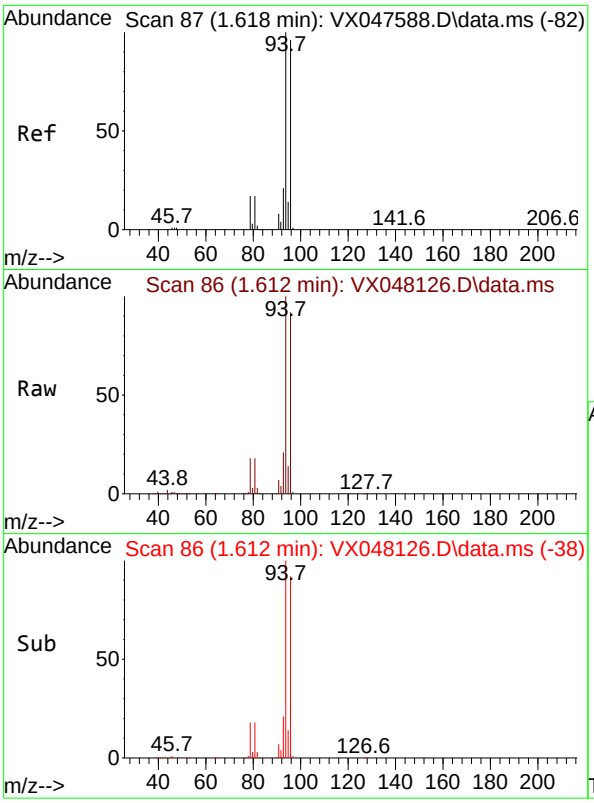


#4
Vinyl Chloride
Concen: 63.944 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 62 Resp: 131386

Ion	Ratio	Lower	Upper
62	100		
64	31.2	24.9	37.3

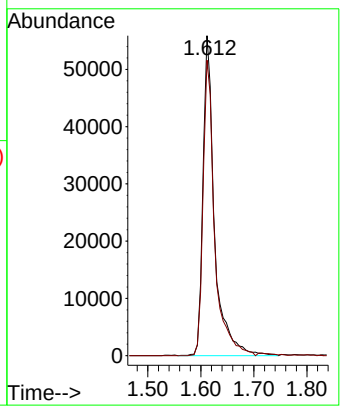




#5
Bromomethane
Concen: 65.021 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 94 Resp: 8471

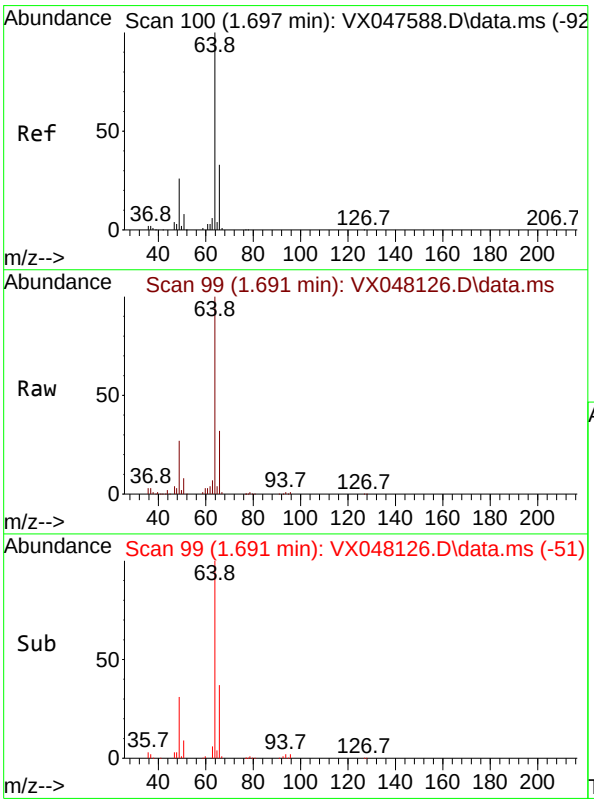
Ion	Ratio	Lower	Upper
94	100		
96	92.3	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

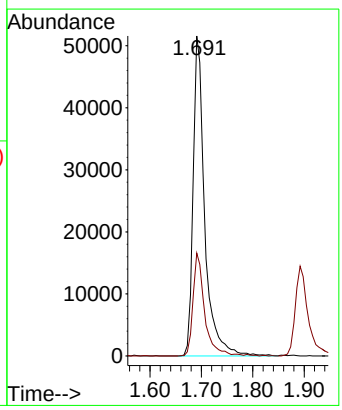
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

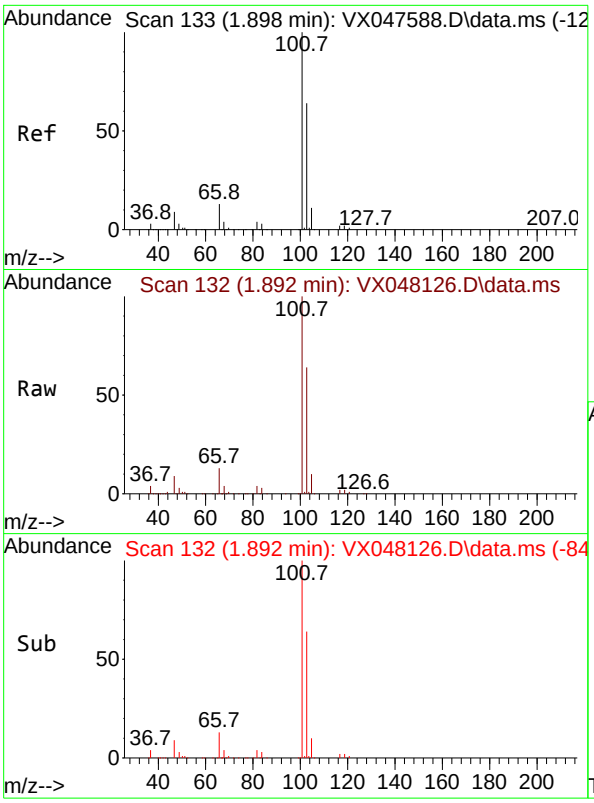


#6
Chloroethane
Concen: 59.077 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

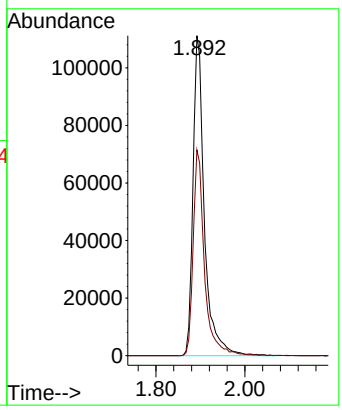
Tgt Ion:101 Resp: 19675

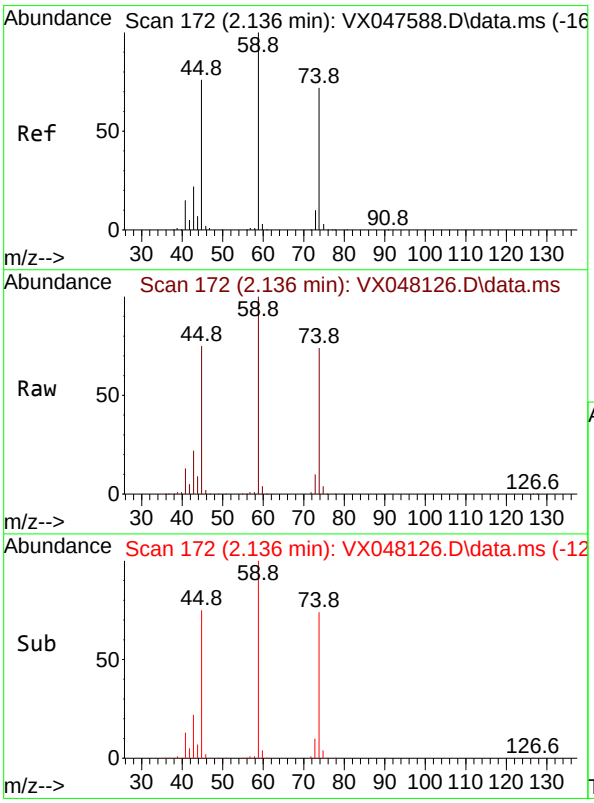
Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

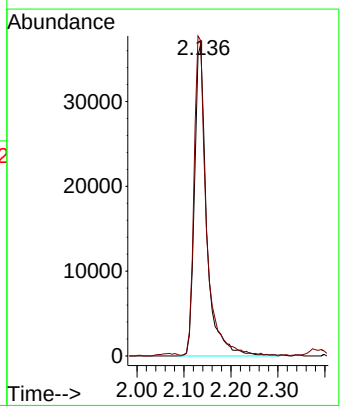


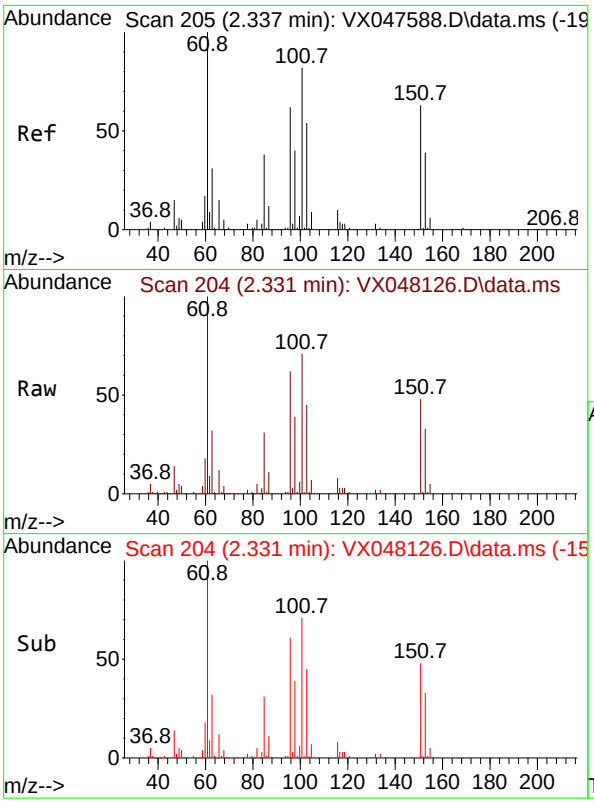


#8
Diethyl Ether
Concen: 53.511 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 74 Resp: 66781

Ion	Ratio	Lower	Upper
74	100		
45	105.1	52.3	156.8

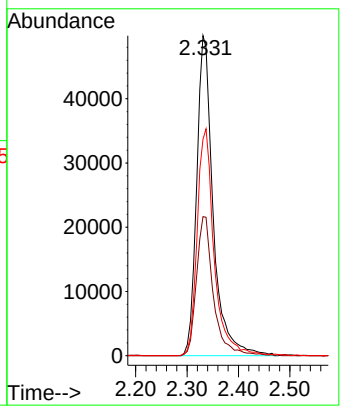




#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.189 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

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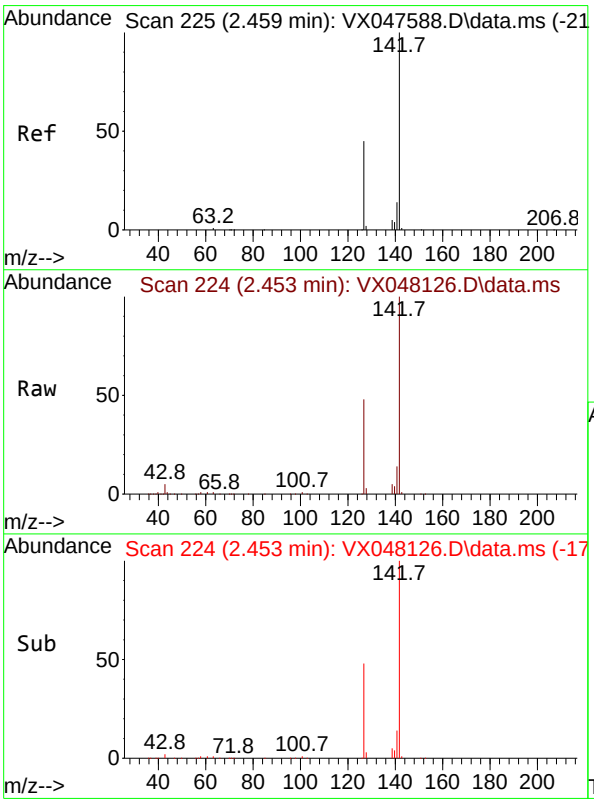
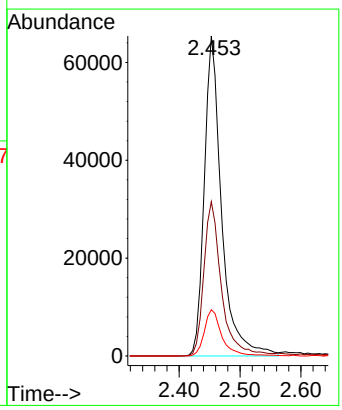
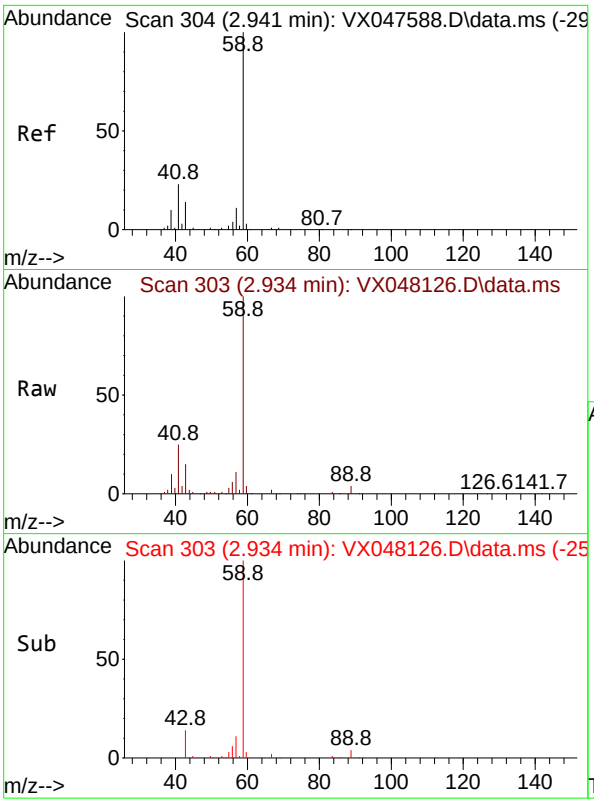


#10
Methyl Iodide
Concen: 46.479 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

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VSTDCCC050

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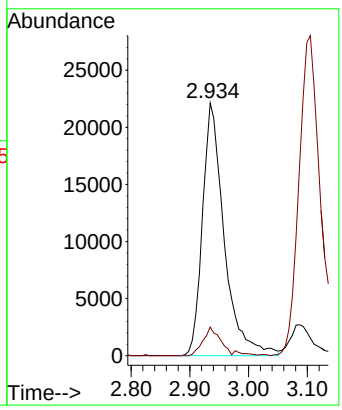
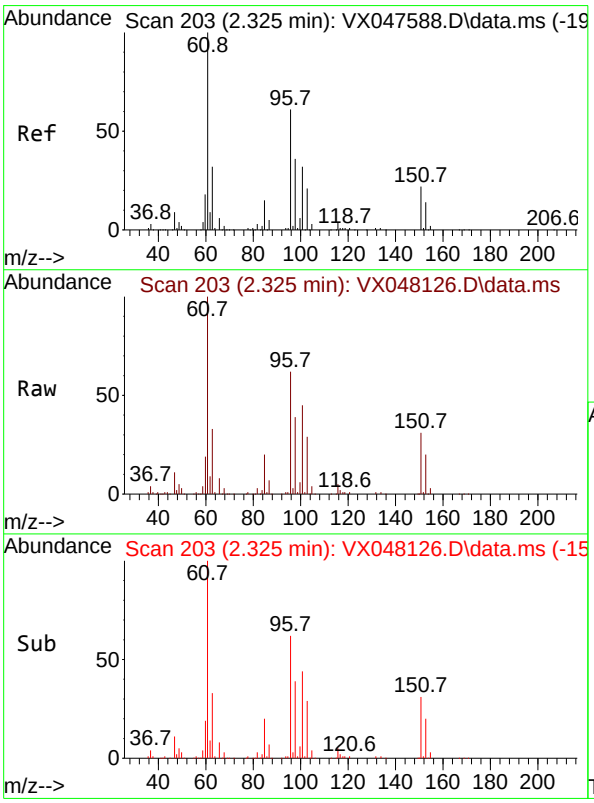
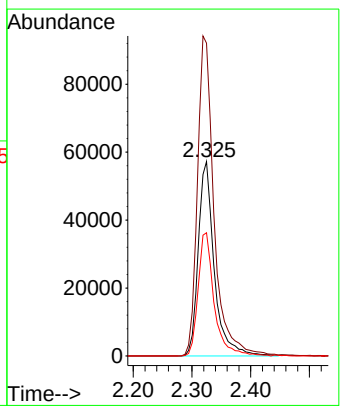


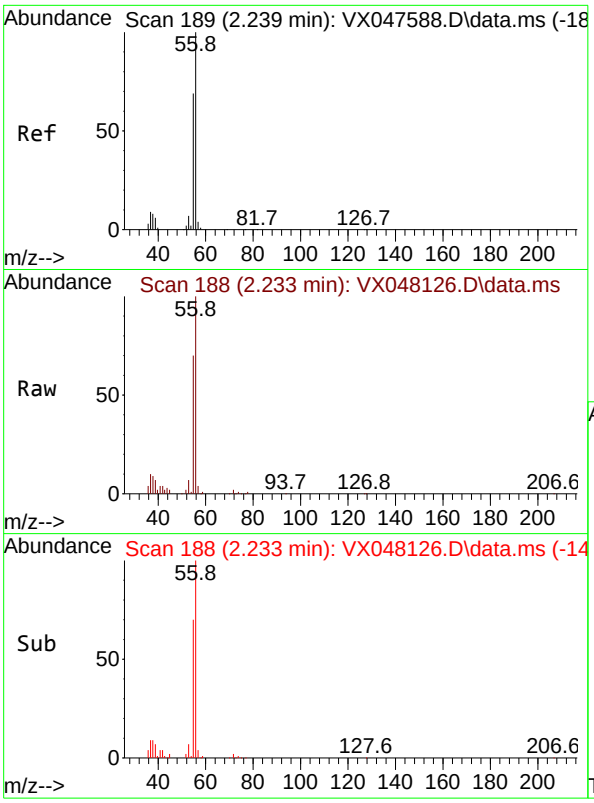


#12
1,1-Dichloroethene
Concen: 59.251 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

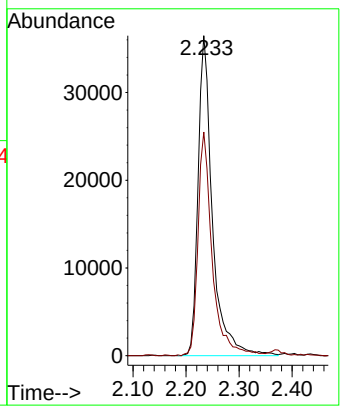




#13
Acrolein
Concen: 272.102 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 56 Resp: 6855

Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.2	85.8



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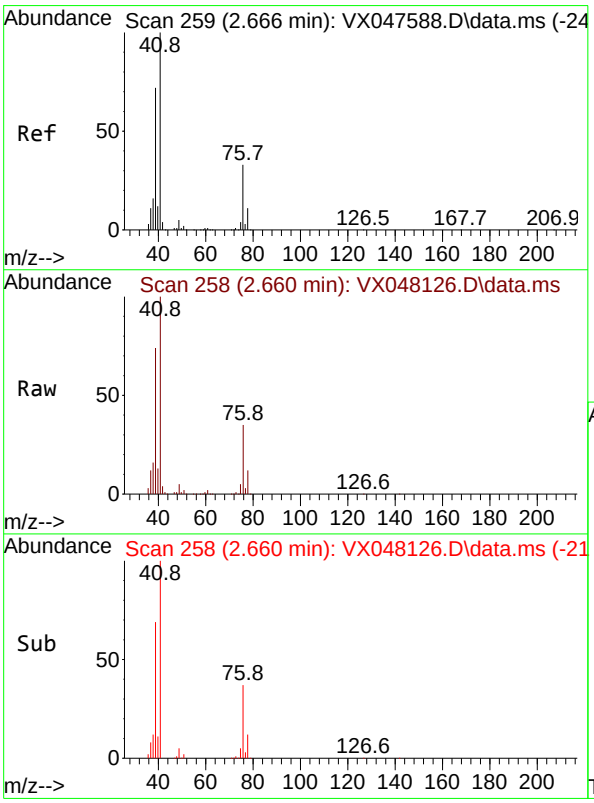
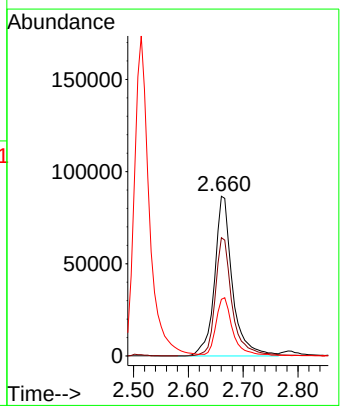
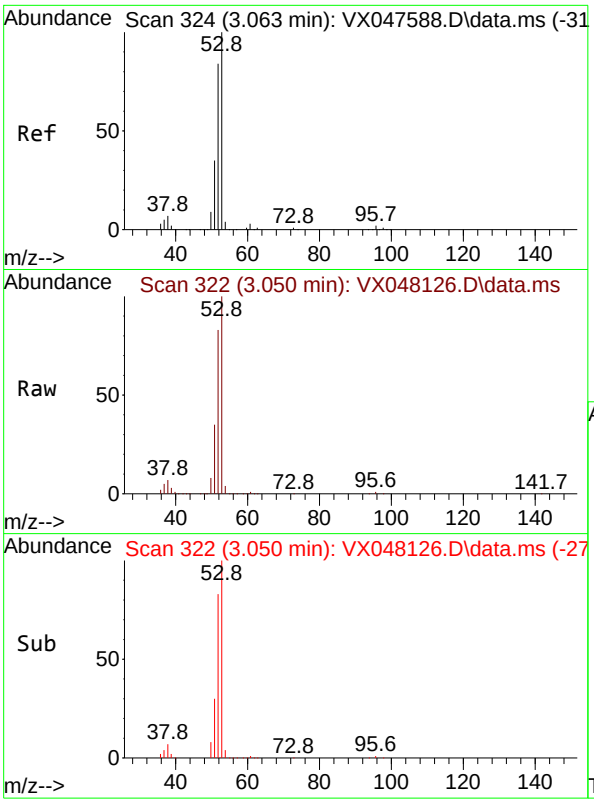


#14
Allyl chloride
Concen: 51.934 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

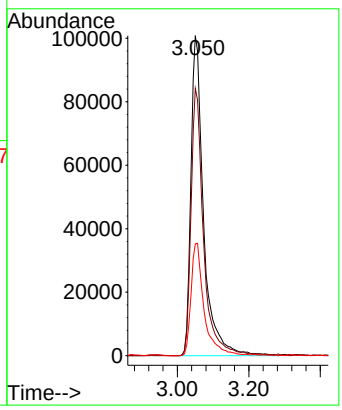




#15
Acrylonitrile
Concen: 245.639 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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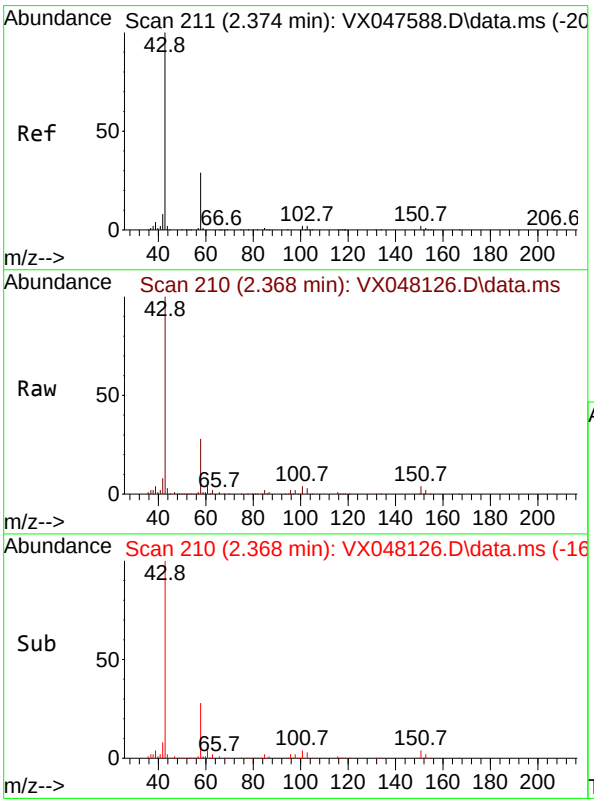
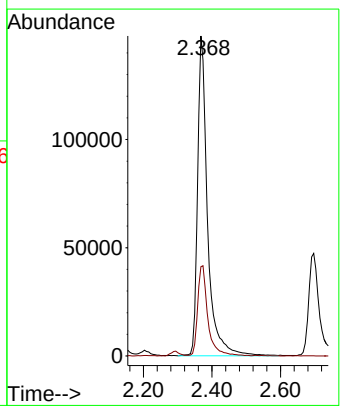
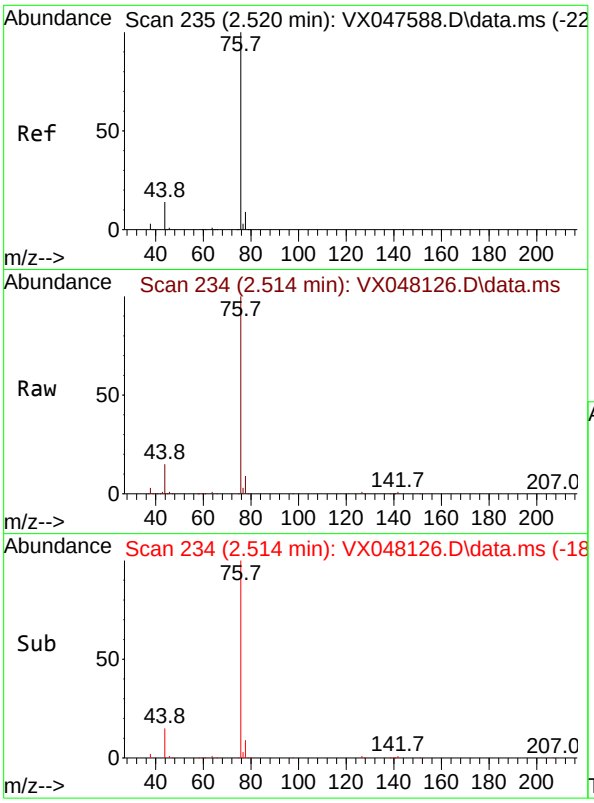


#16
Acetone
Concen: 280.657 ug/l
RT: 2.368 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 299583

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.4	35.0

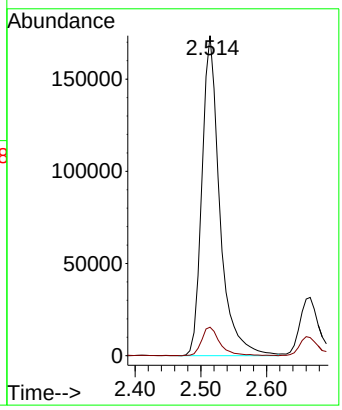




#17
Carbon Disulfide
Concen: 65.341 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 76 Resp: 32778

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2



Instrument :
MSVOA_X
ClientSampleId :
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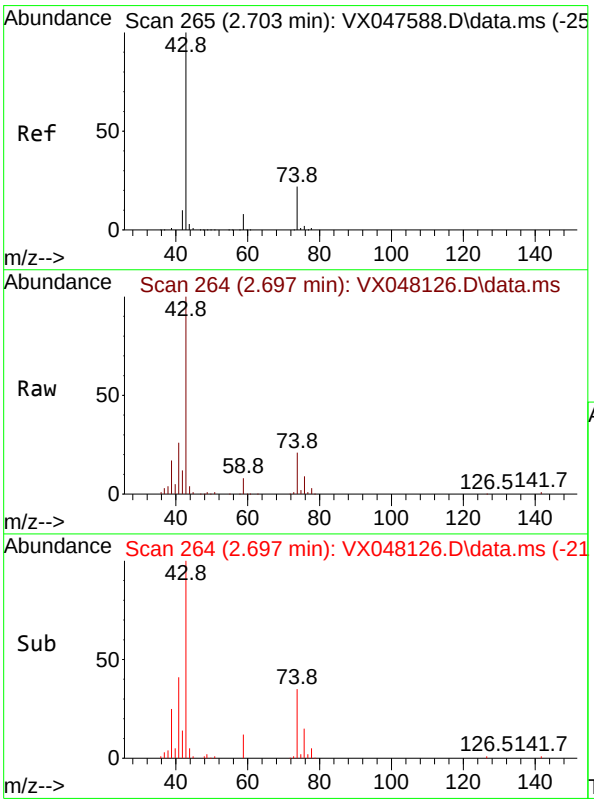
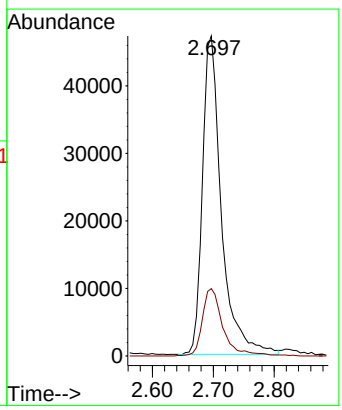
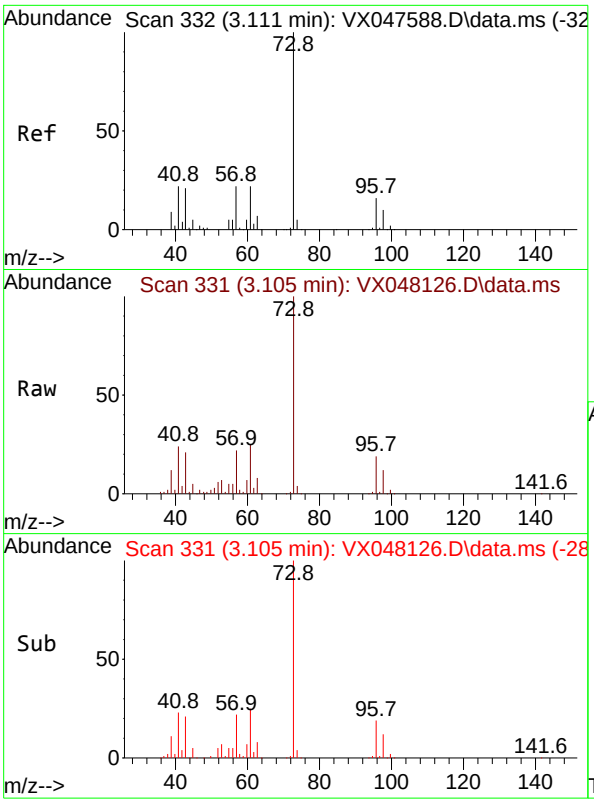


#18
Methyl Acetate
Concen: 42.977 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 102094

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2

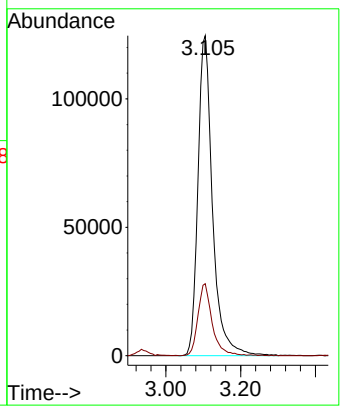




#19
Methyl tert-butyl Ether
Concen: 50.353 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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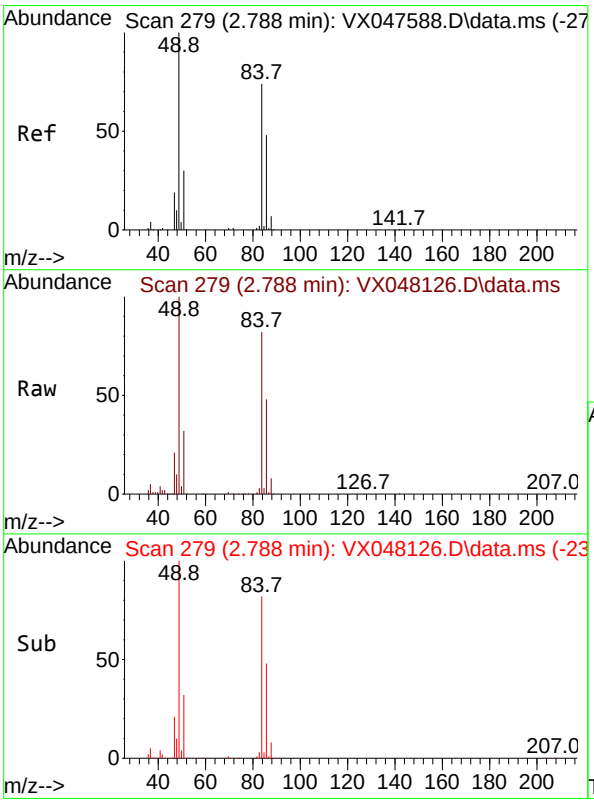
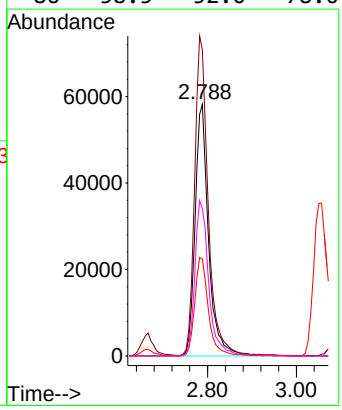
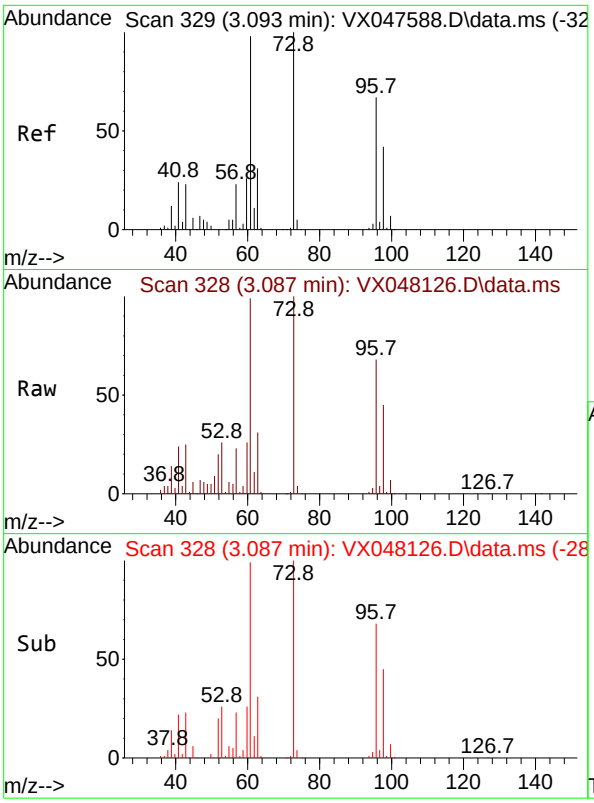


#20
Methylene Chloride
Concen: 54.092 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

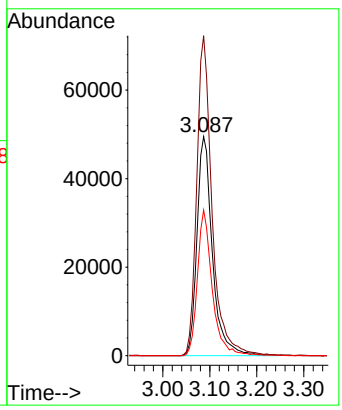




#21
trans-1,2-Dichloroethene
Concen: 57.586 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



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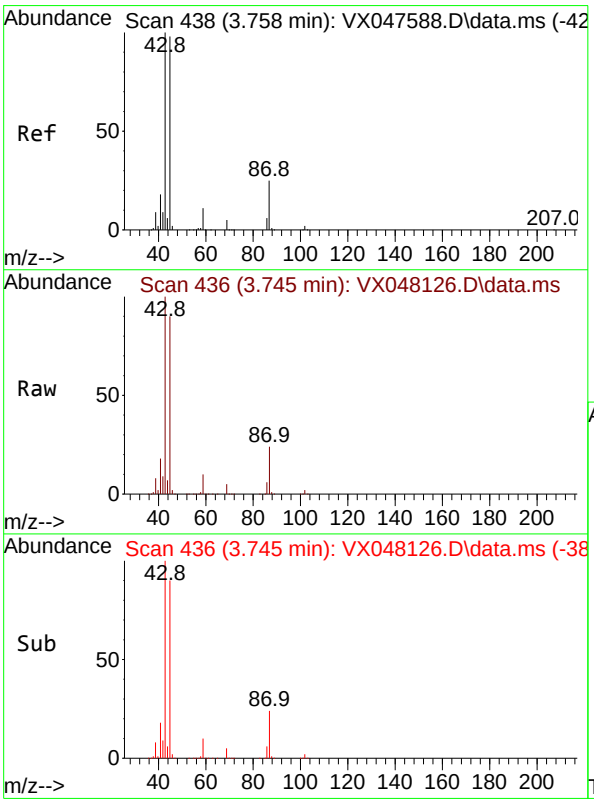
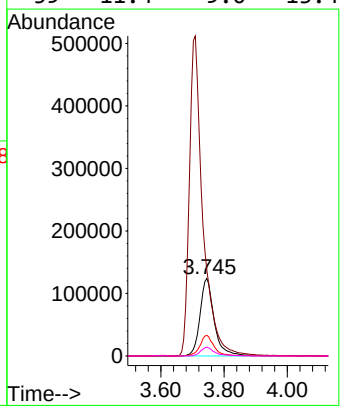
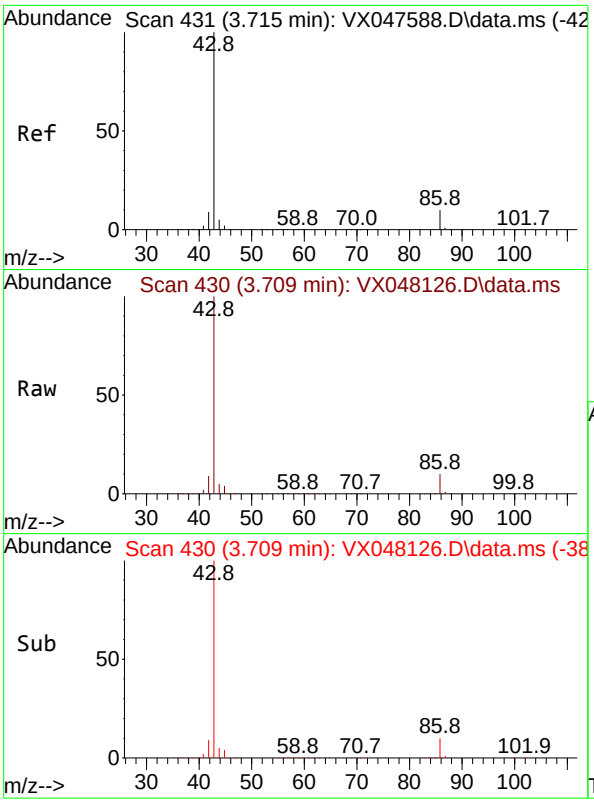


#22
Diisopropyl ether
Concen: 52.853 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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 :
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ClientSampleId :
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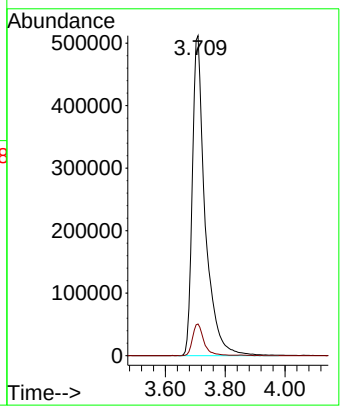
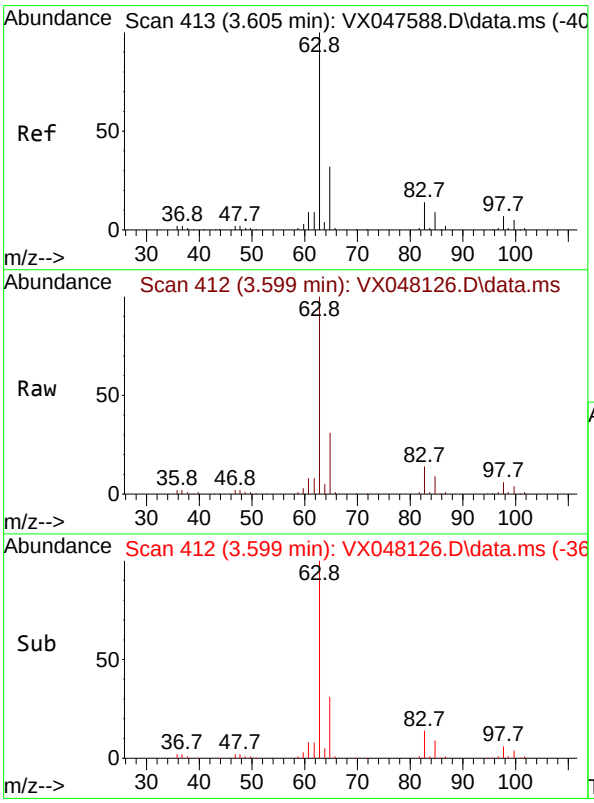
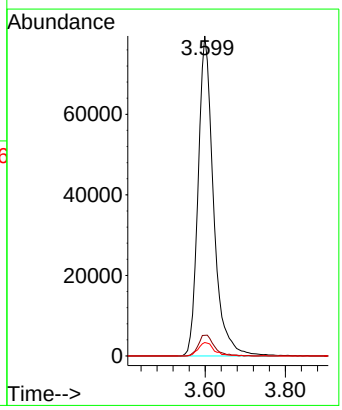


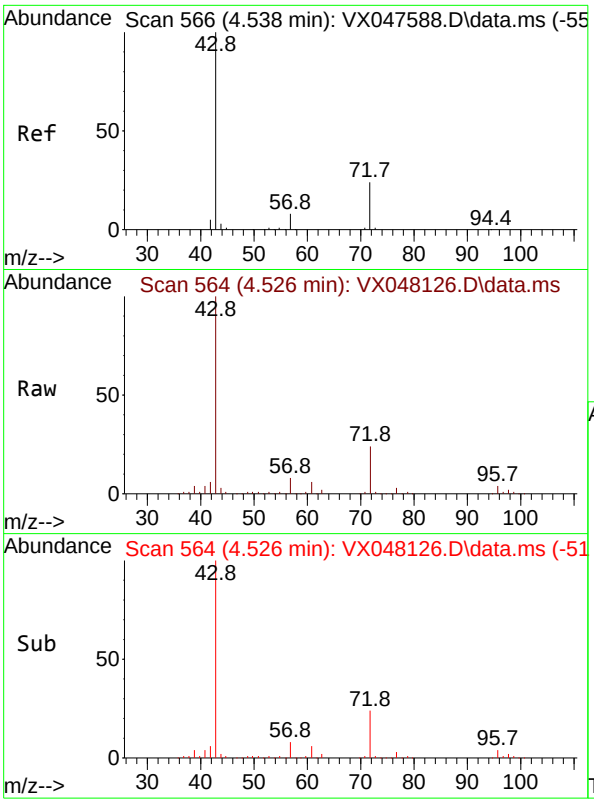


#24
1,1-Dichloroethane
Concen: 54.414 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

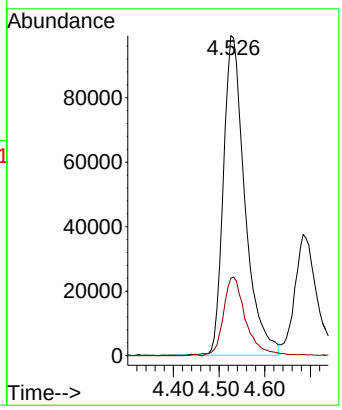




#25
2-Butanone
Concen: 243.044 ug/l
RT: 4.526 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 32361

Ion	Ratio	Lower	Upper
43	100		
72	24.4	20.1	30.1



Instrument :
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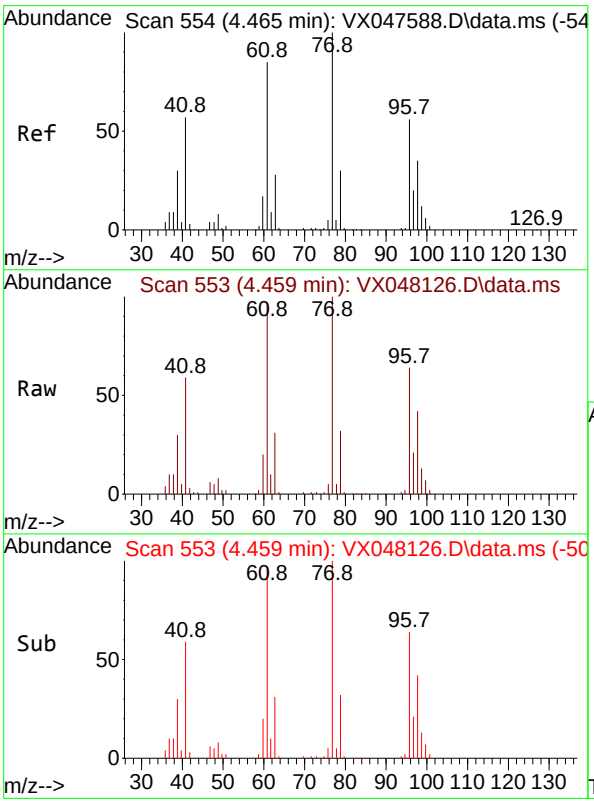
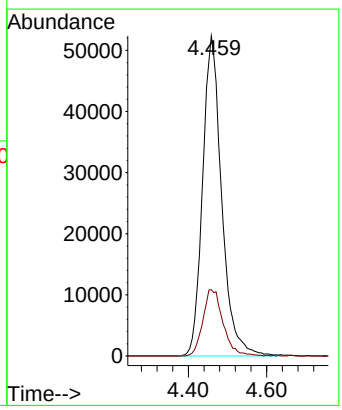
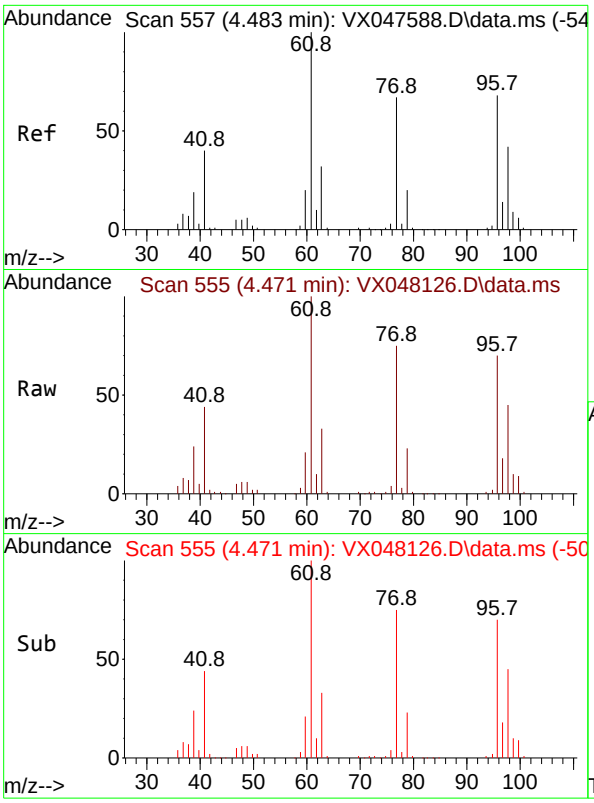


#26
2,2-Dichloropropane
Concen: 54.594 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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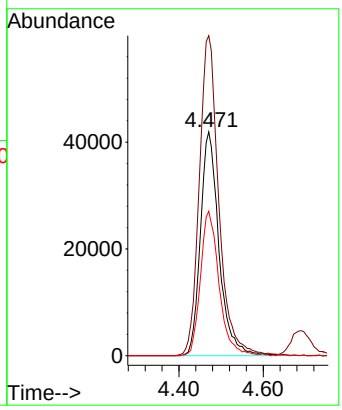
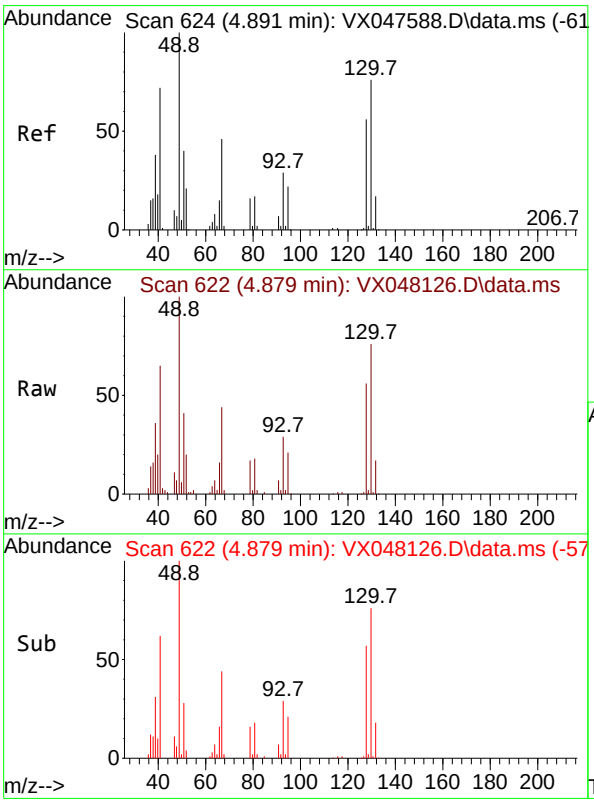
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

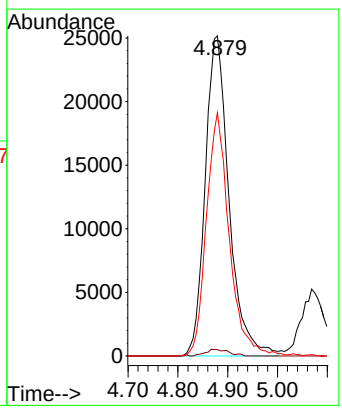


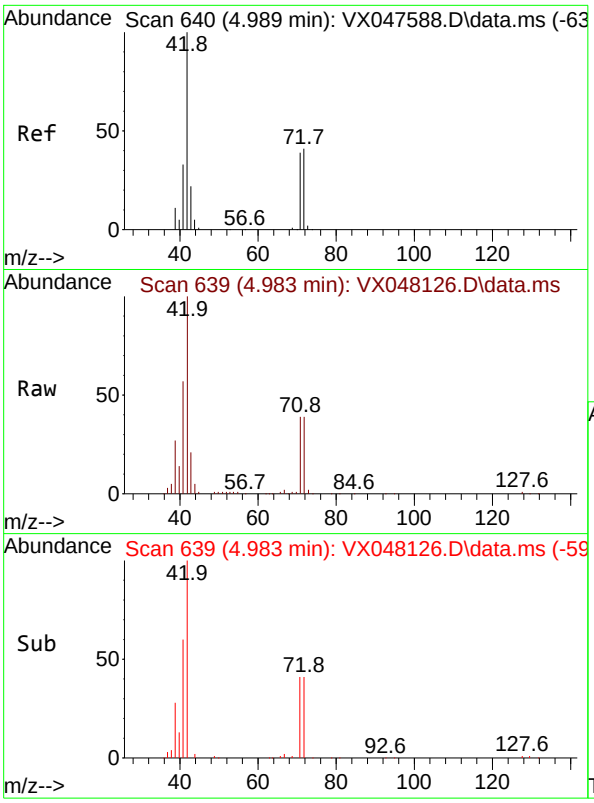


#28
Bromochloromethane
Concen: 49.106 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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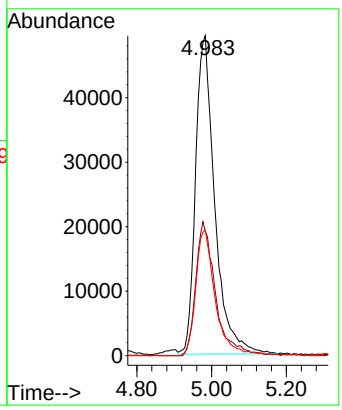
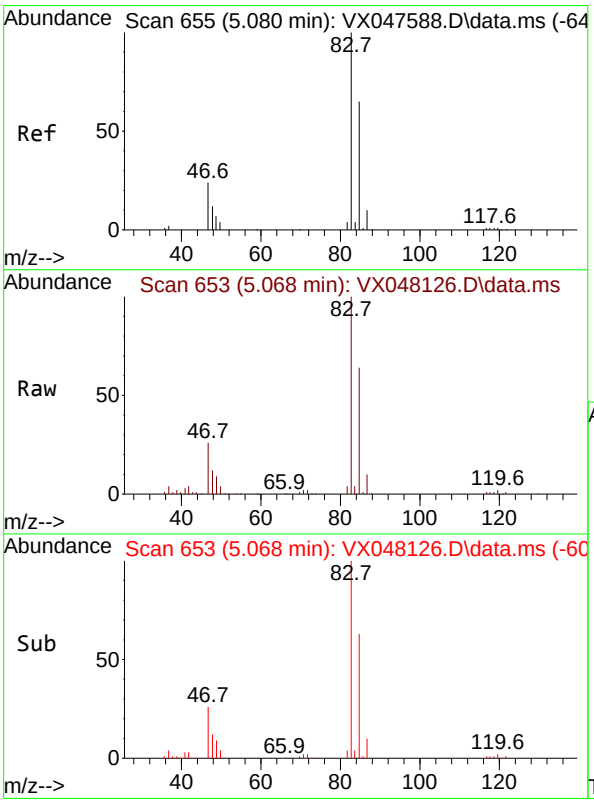
Supervised By :Mahesh Dadoda 10/14/2025

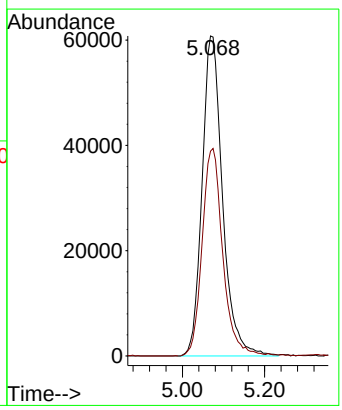


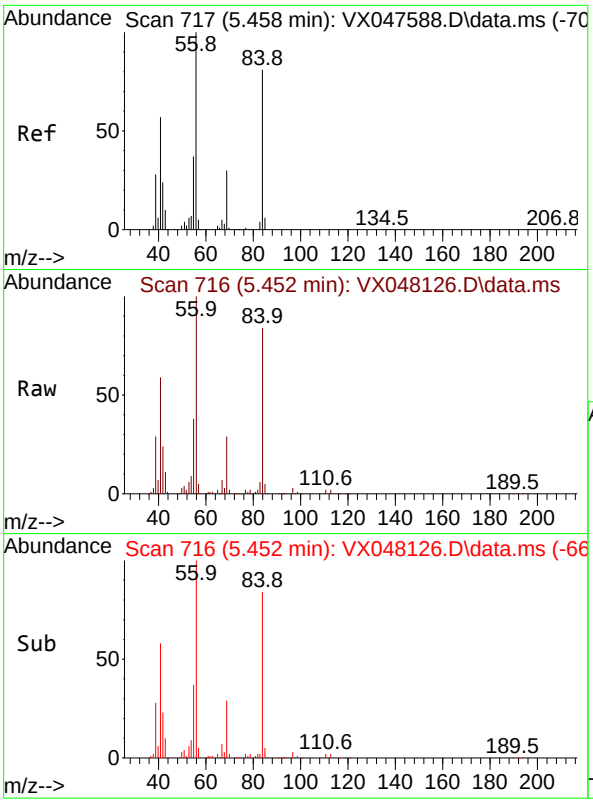


#30
Chloroform
Concen: 53.388 ug/l
RT: 5.068 min Scan# 653
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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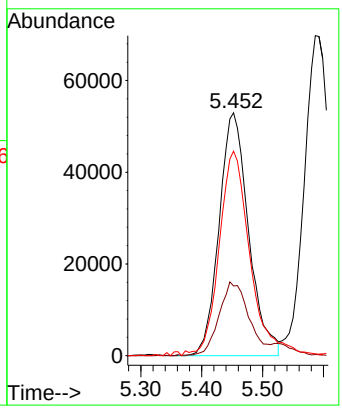
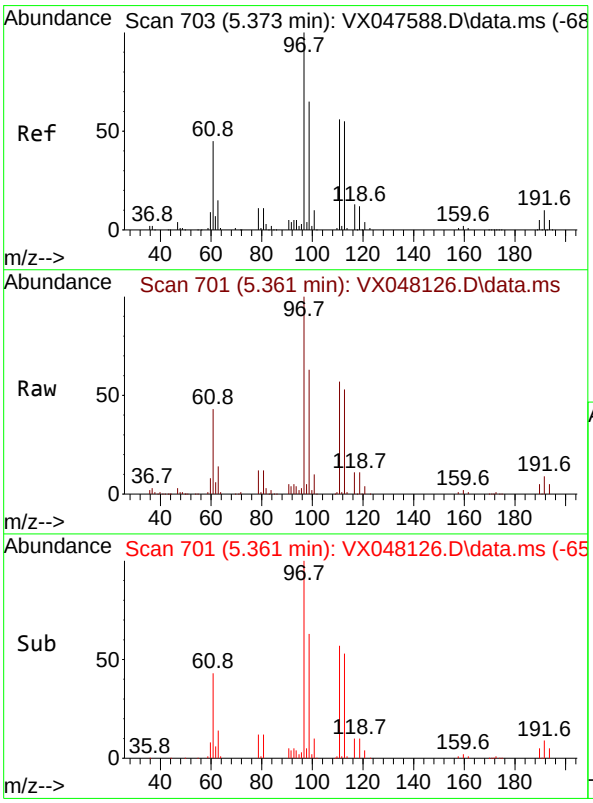
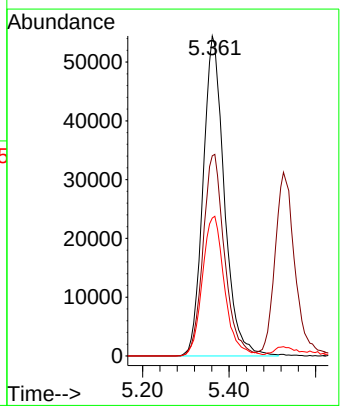


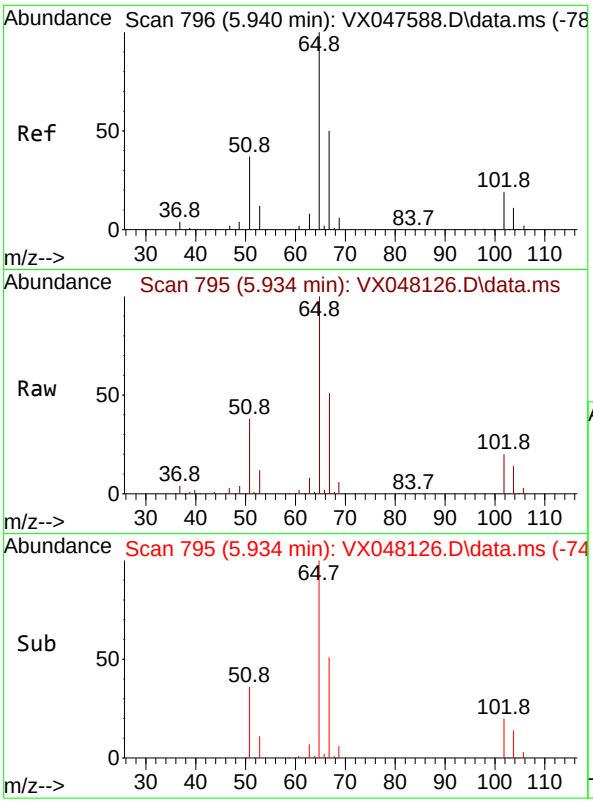


#32
1,1,1-Trichloroethane
Concen: 55.516 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

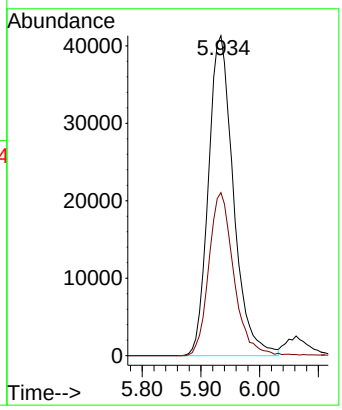




#33
1,2-Dichloroethane-d4
Concen: 49.784 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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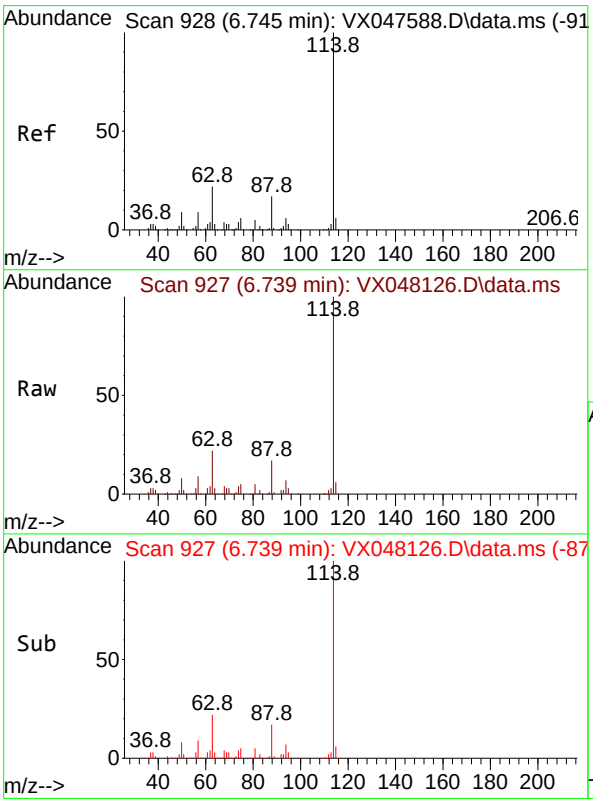
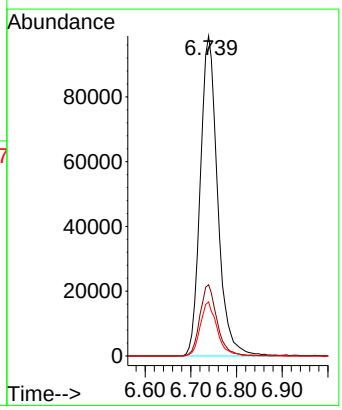
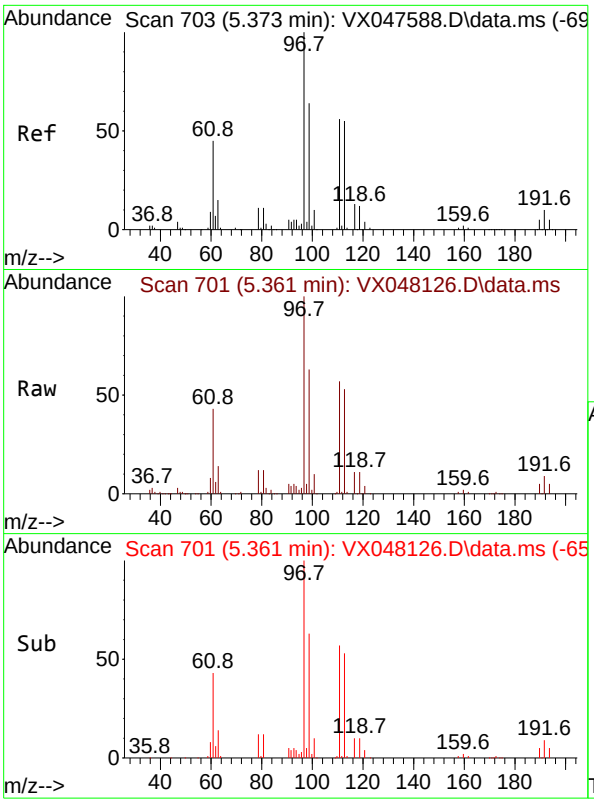


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

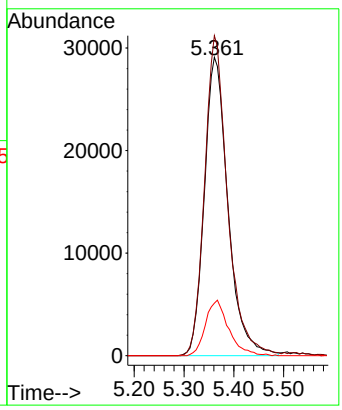




#35
Dibromofluoromethane
Concen: 55.205 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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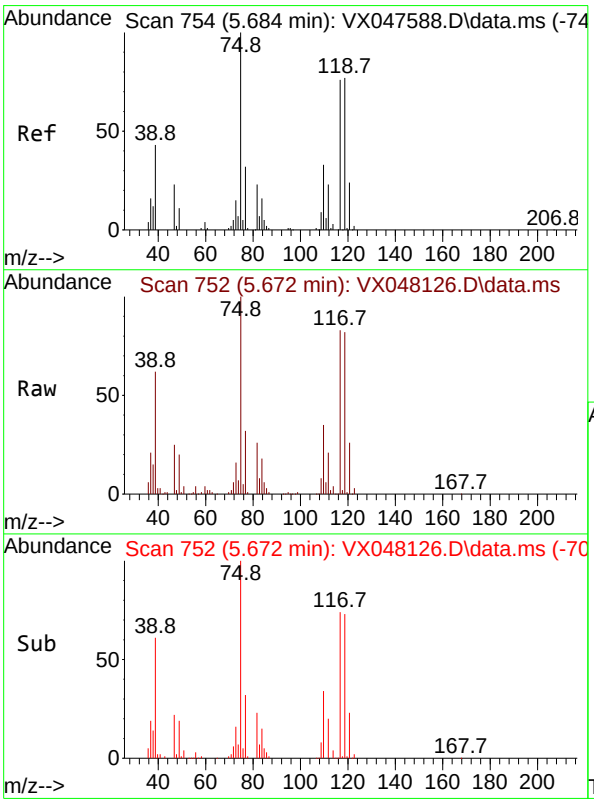
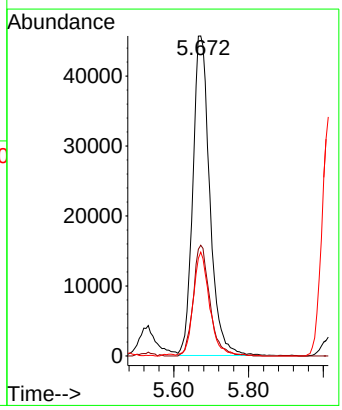
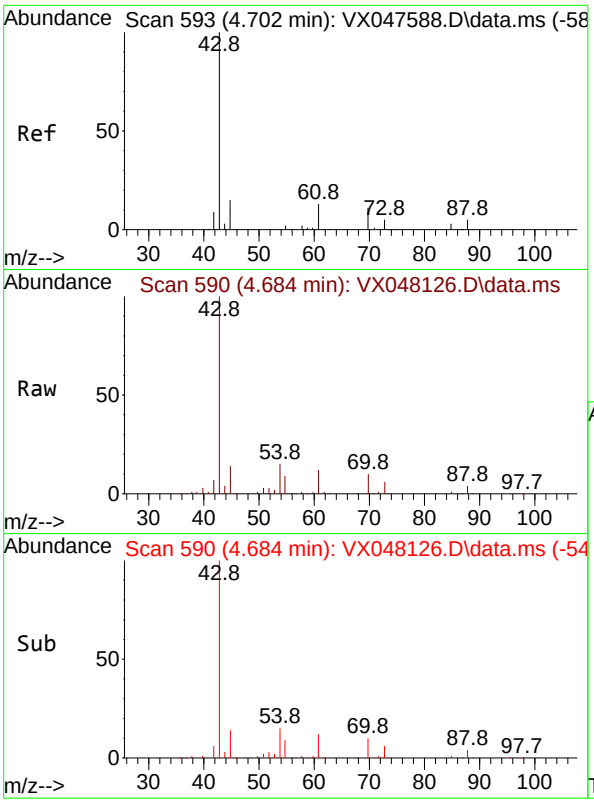


#36
1,1-Dichloropropene
Concen: 56.468 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

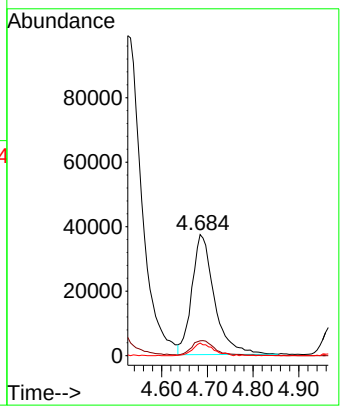




#37
Ethyl Acetate
Concen: 46.586 ug/l
RT: 4.684 min Scan# 5
Delta R.T. -0.018 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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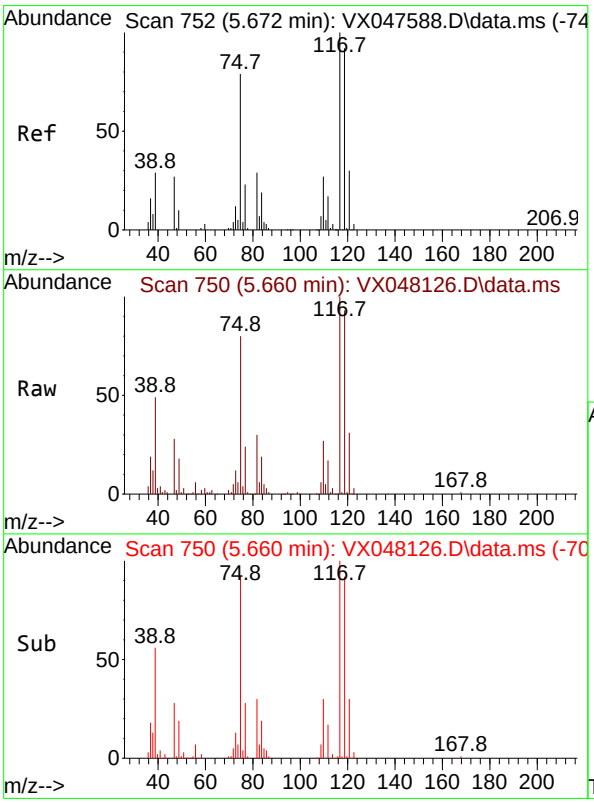
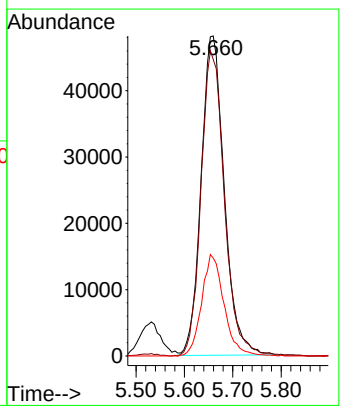
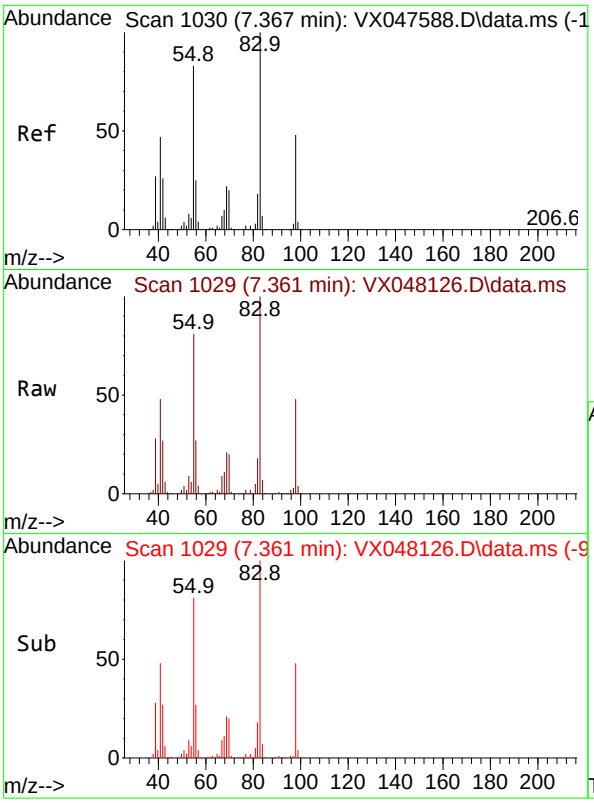


#38
Carbon Tetrachloride
Concen: 58.100 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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 APPROVED

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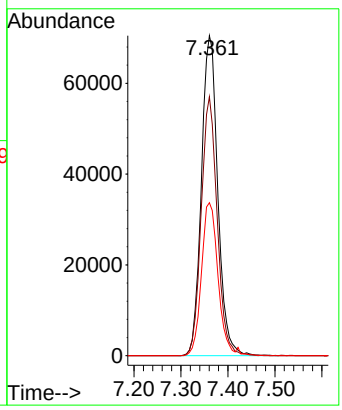
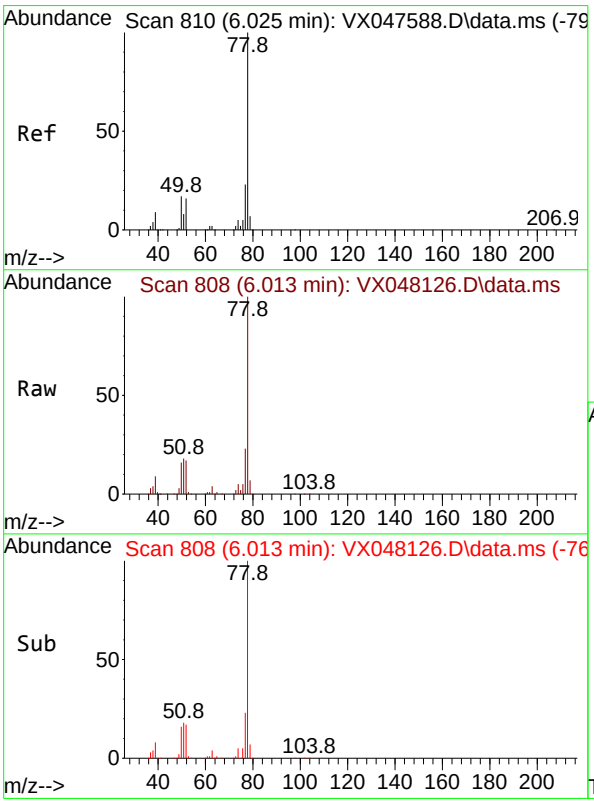
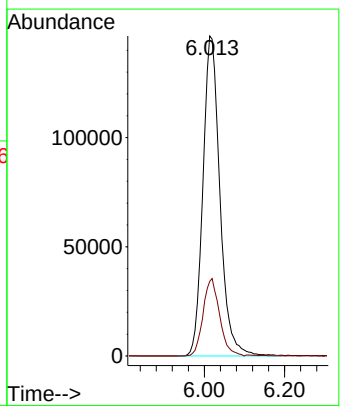


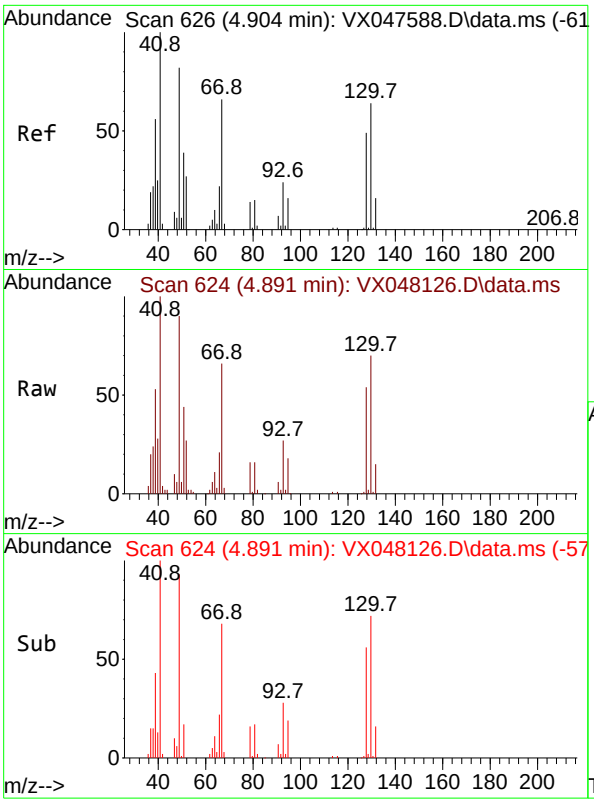


#40
Benzene
Concen: 55.778 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 78 Resp: 430744

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2

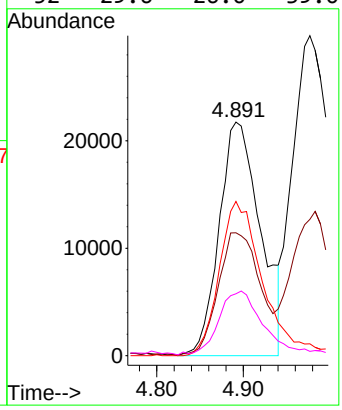




#41
Methacrylonitrile
Concen: 51.306 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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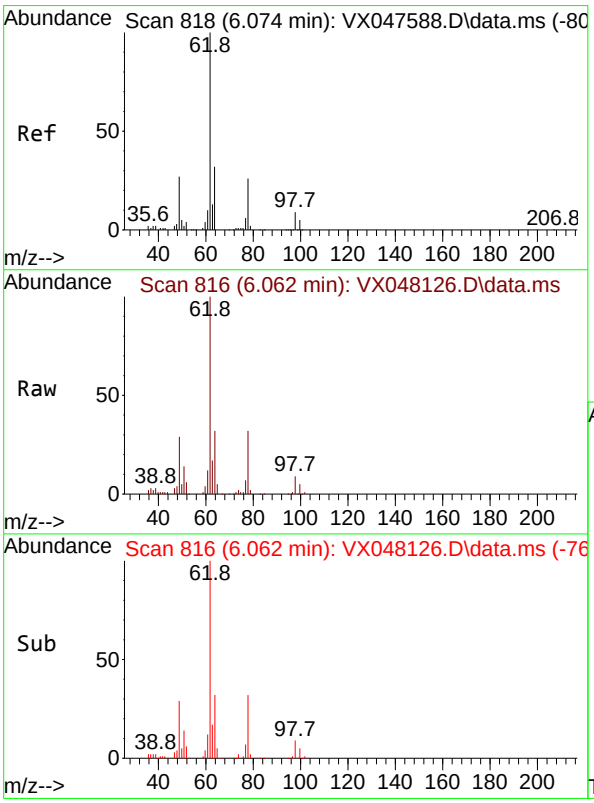
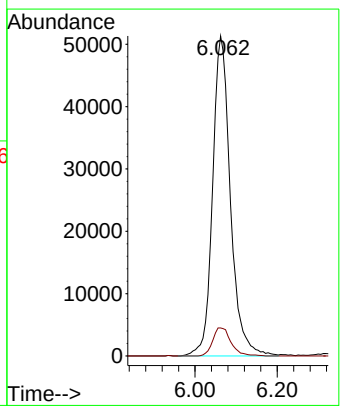
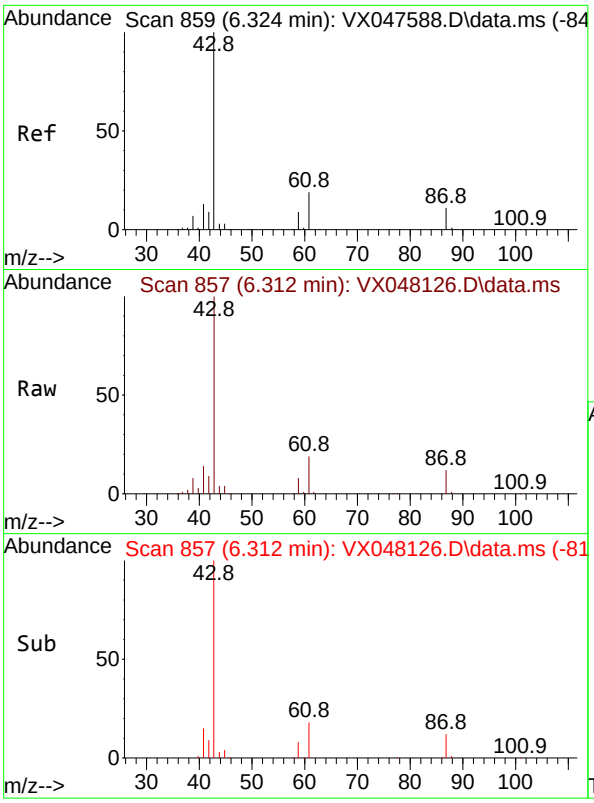


#42
1,2-Dichloroethane
Concen: 52.496 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

Manual Integrations
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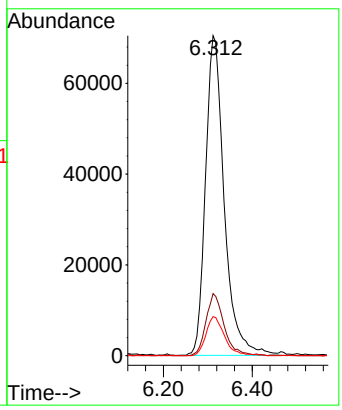
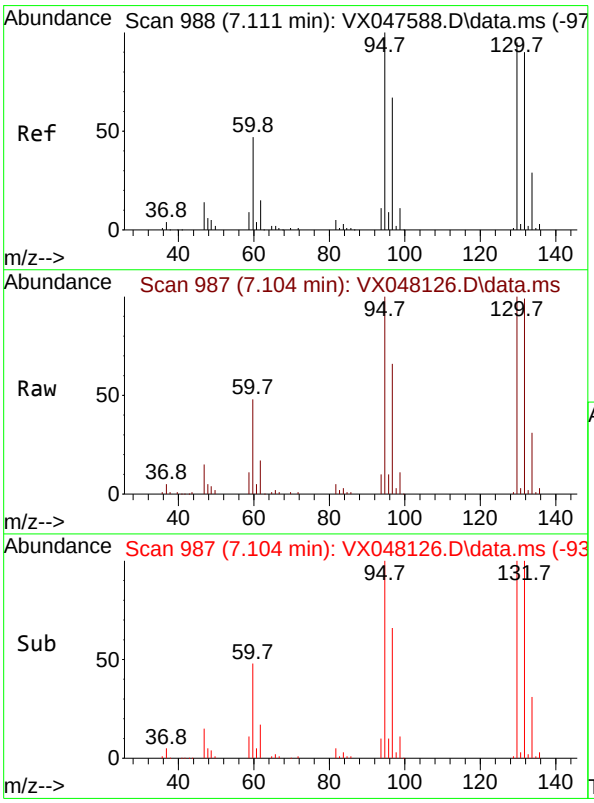
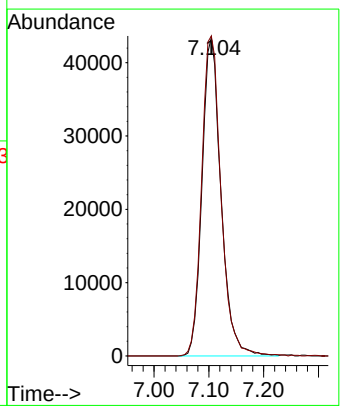


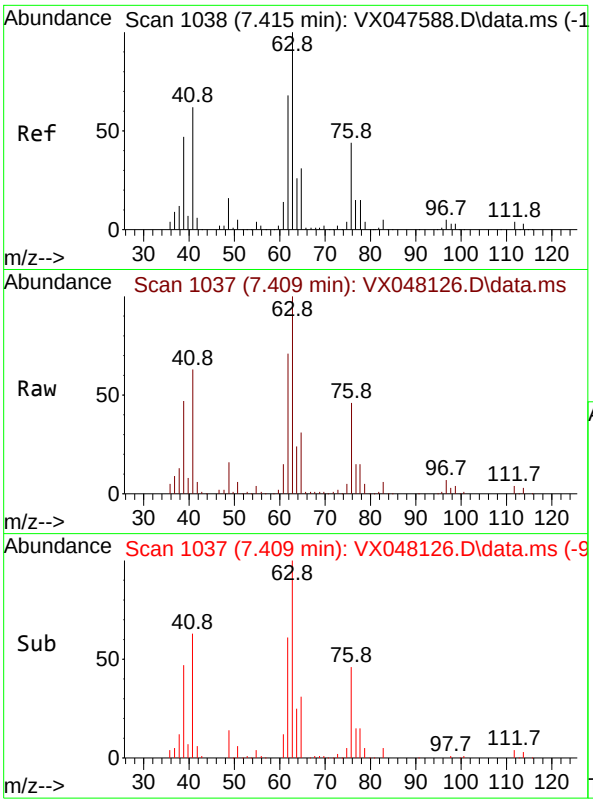


#44
Trichloroethene
Concen: 55.775 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:130 Resp: 104133

Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	210.8

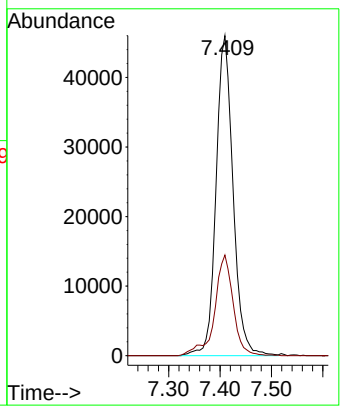




#45
1,2-Dichloropropane
Concen: 53.550 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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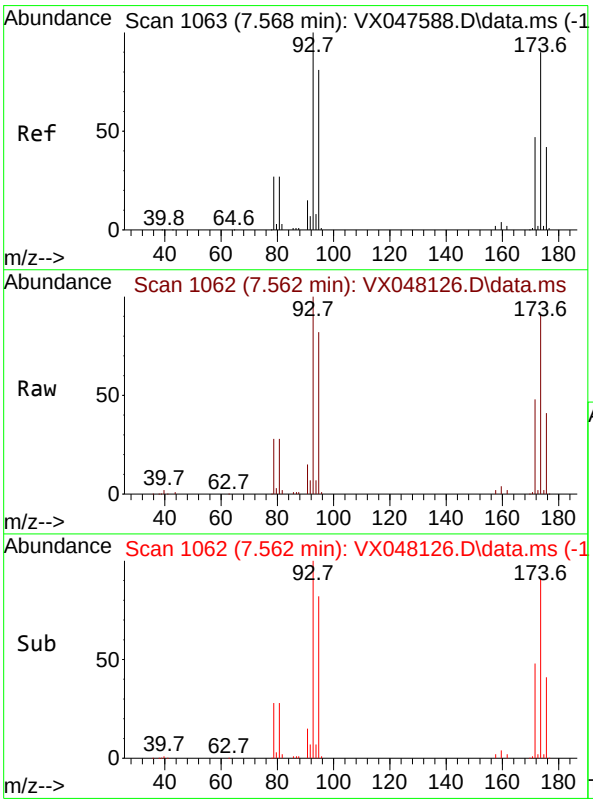
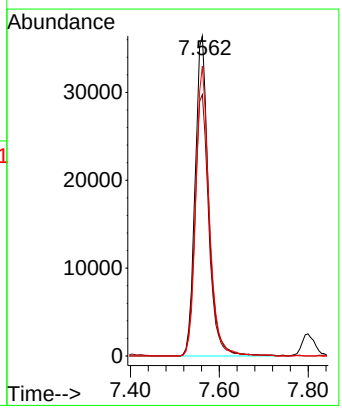
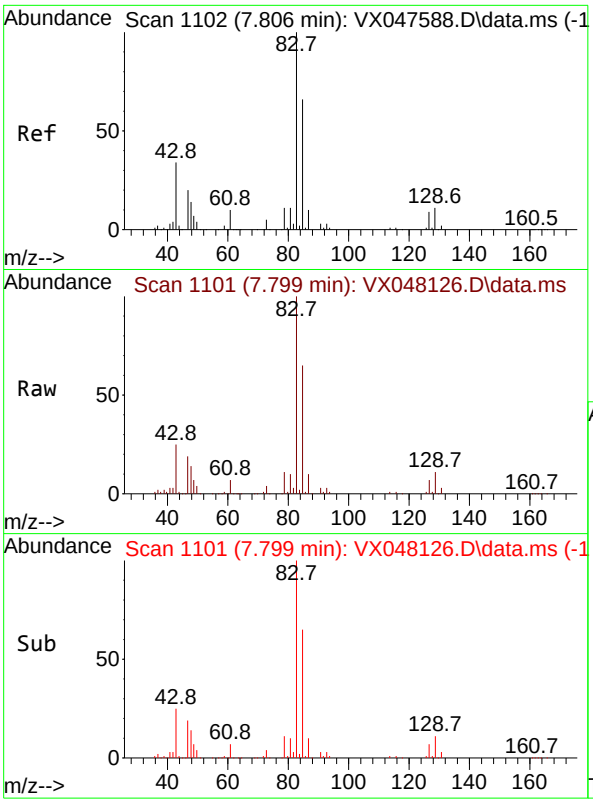


#46
Dibromomethane
Concen: 53.485 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

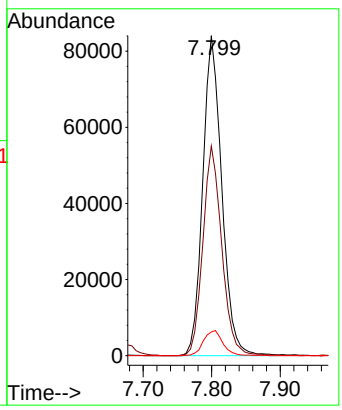




#47
Bromodichloromethane
Concen: 54.741 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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 :
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ClientSampleId :
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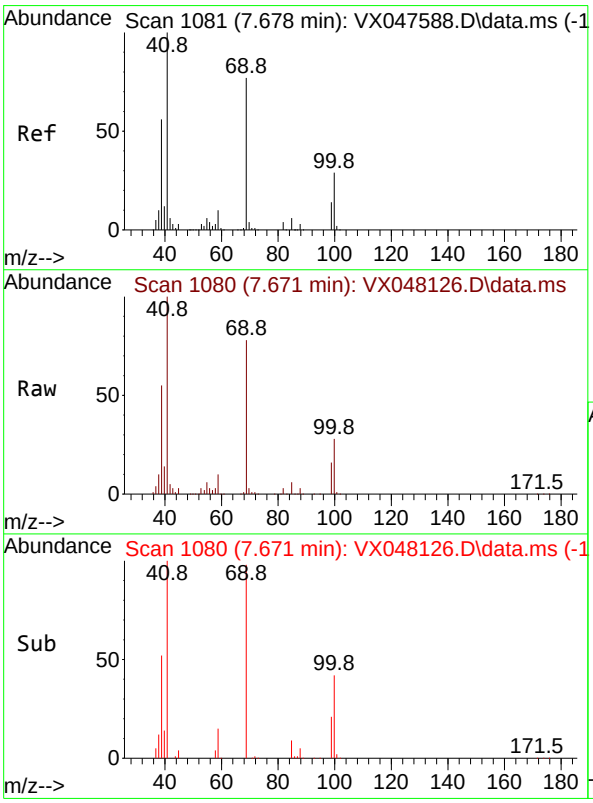
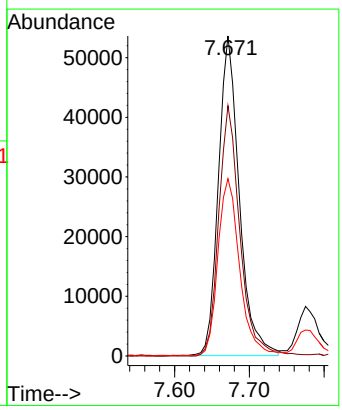
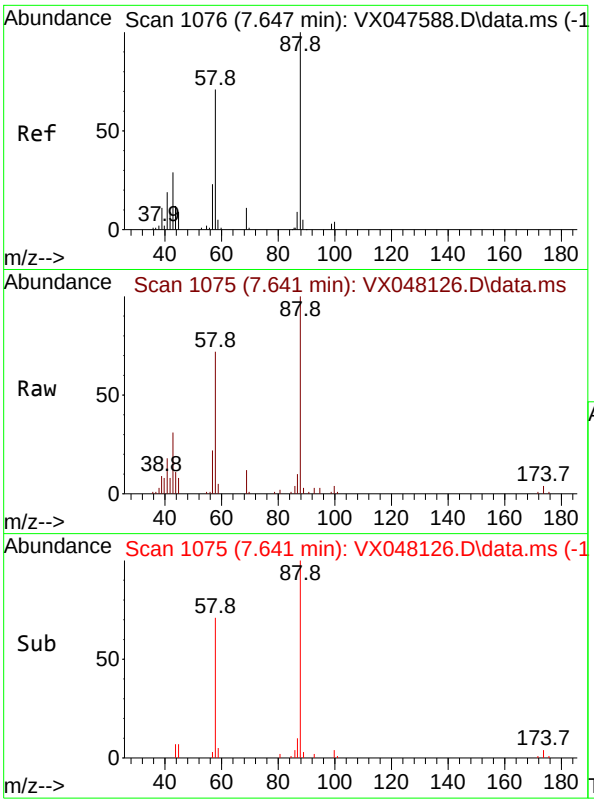


#48
Methyl methacrylate
Concen: 46.937 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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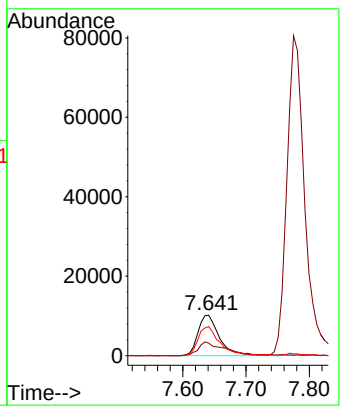
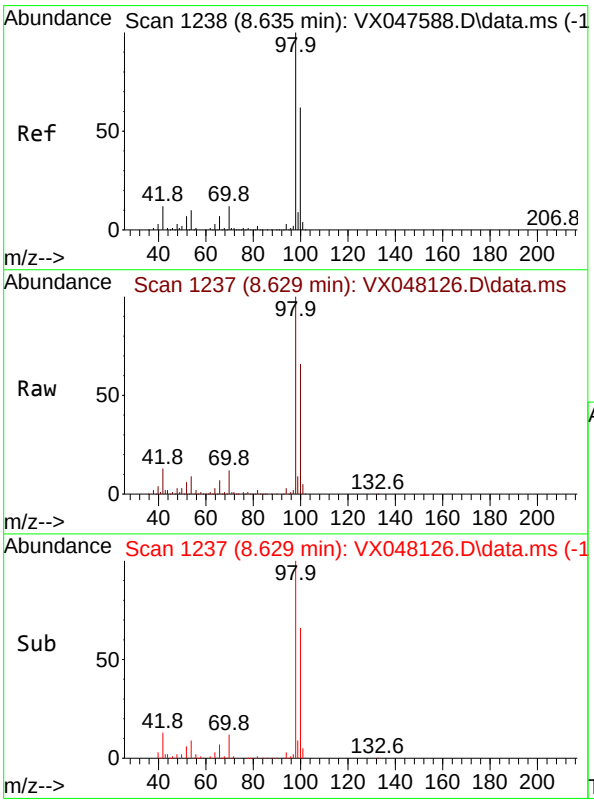
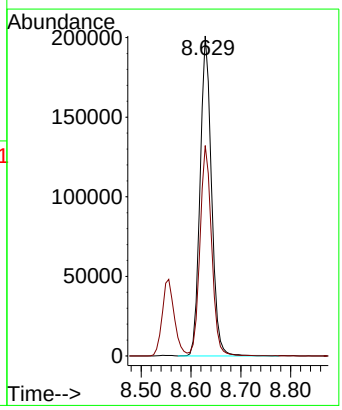


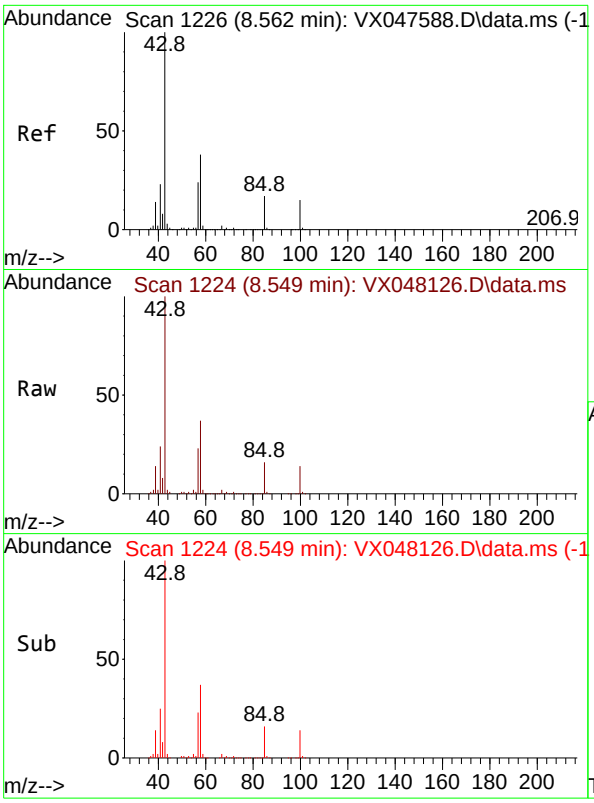


#50
Toluene-d8
Concen: 53.153 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 98 Resp: 320023

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

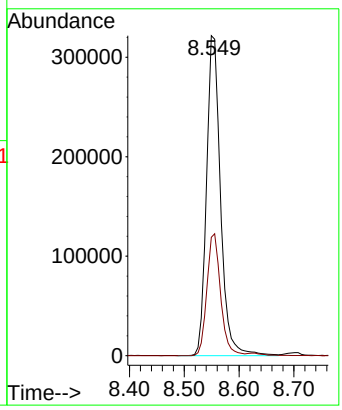




#51
4-Methyl-2-Pentanone
Concen: 230.231 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 56994

Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
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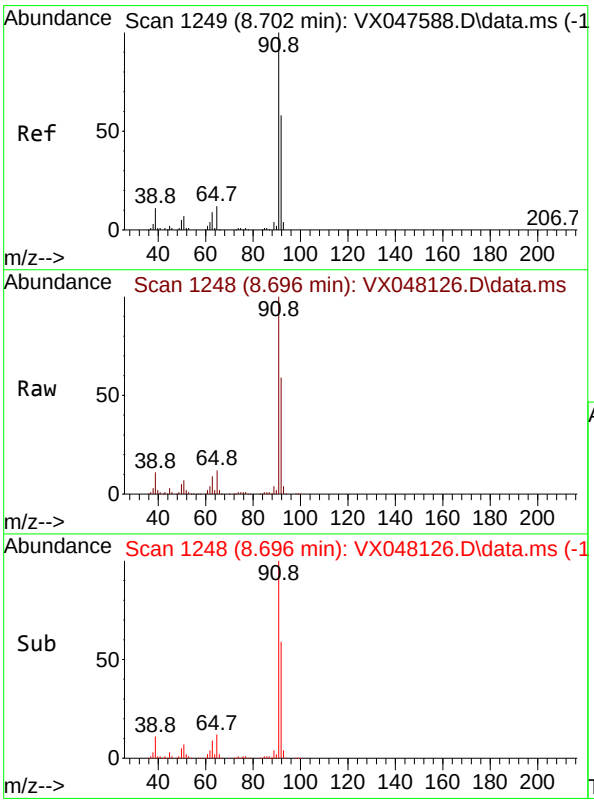
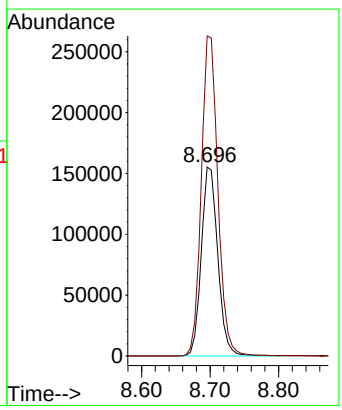
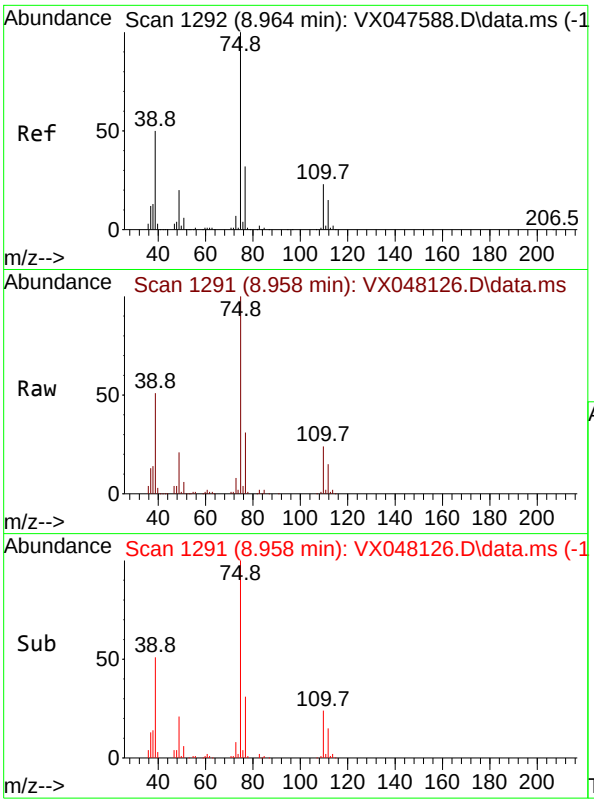


#52
Toluene
Concen: 54.605 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 92 Resp: 259802

Ion	Ratio	Lower	Upper
92	100		
91	170.8	137.1	205.7

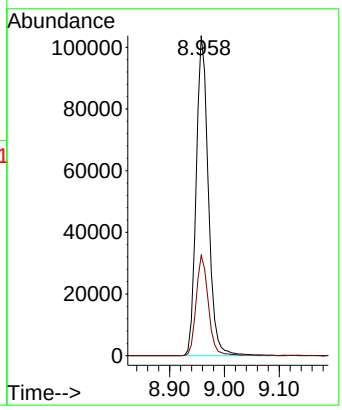




#53
t-1,3-Dichloropropene
Concen: 53.099 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 16082

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2



Instrument :
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ClientSampleId :
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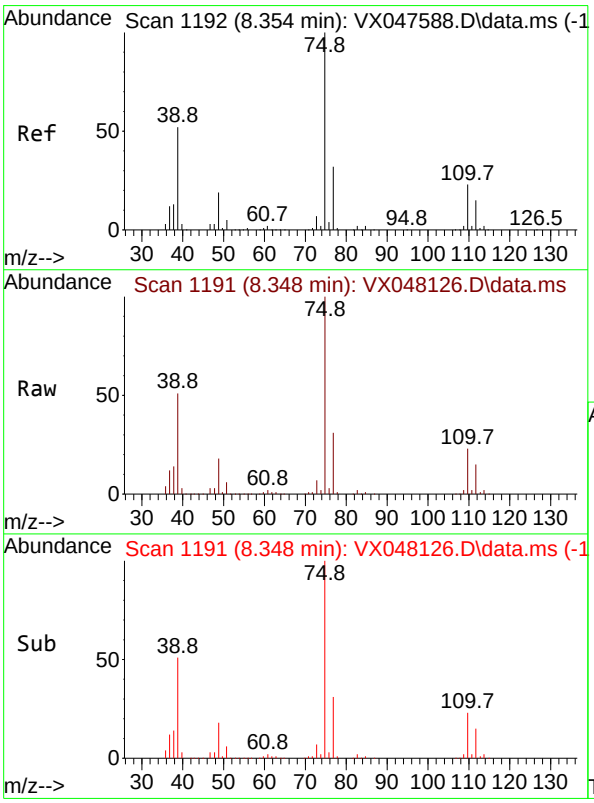
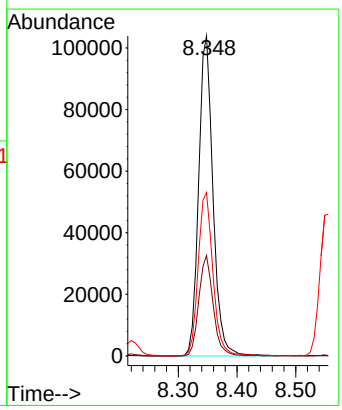
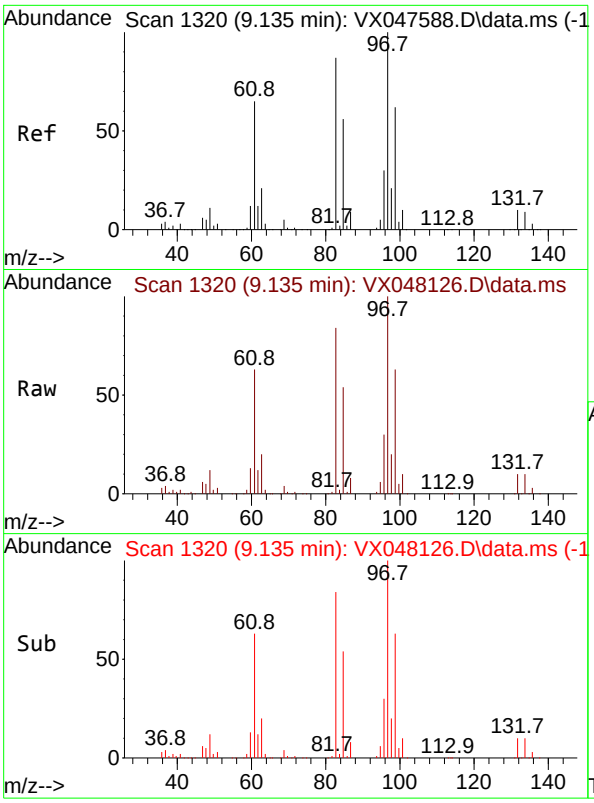


#54
cis-1,3-Dichloropropene
Concen: 54.388 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

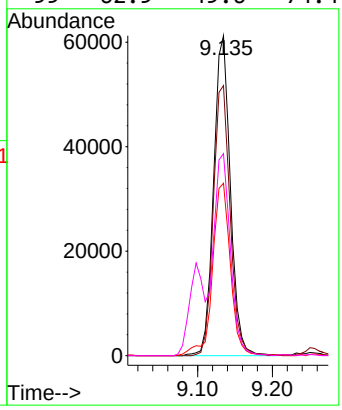




#55
1,1,2-Trichloroethane
Concen: 51.931 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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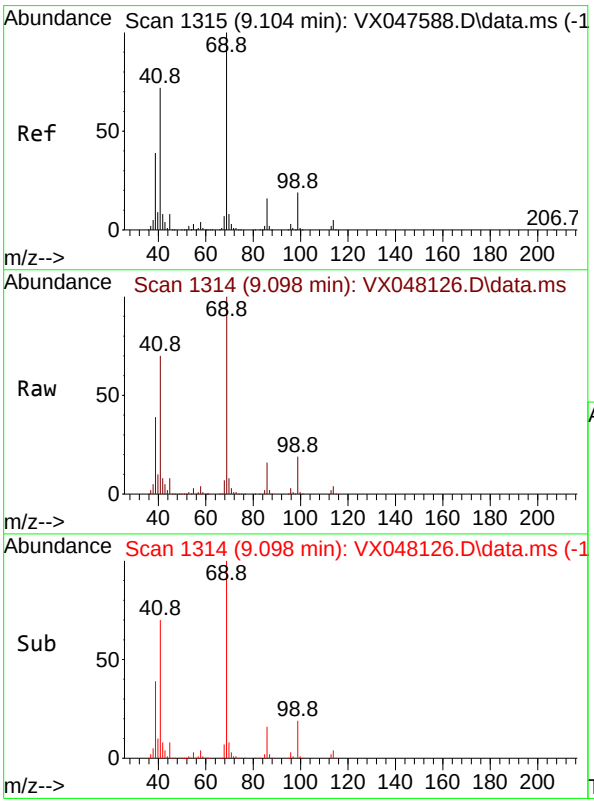
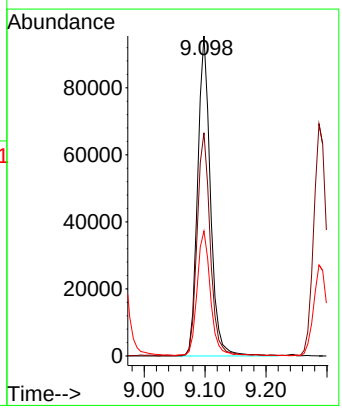
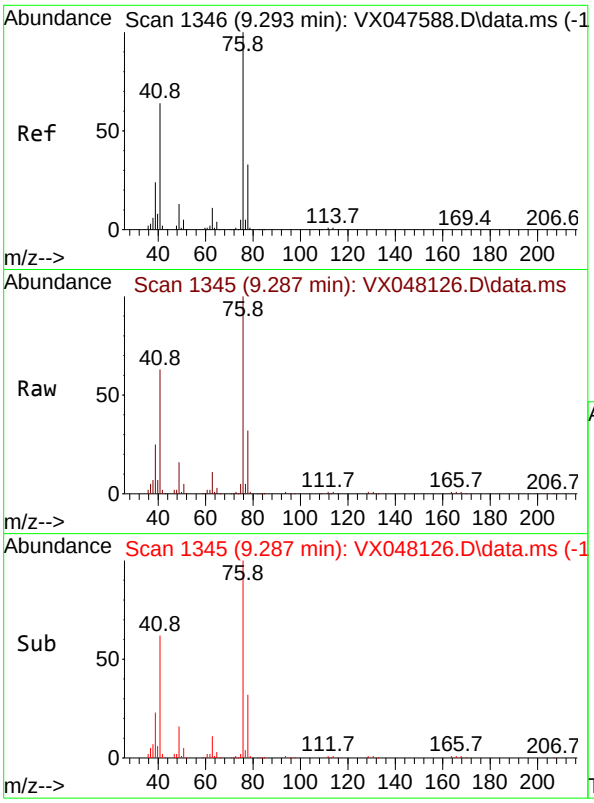


#56
Ethyl methacrylate
Concen: 48.333 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

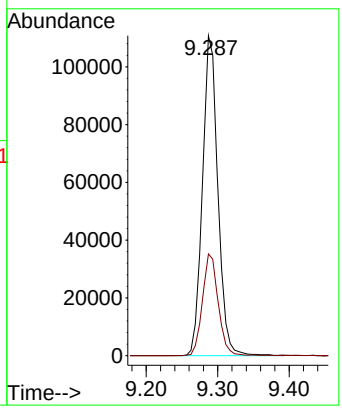




#57
1,3-Dichloropropane
Concen: 52.630 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 76 Resp: 16586

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4



Instrument :
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ClientSampleId :
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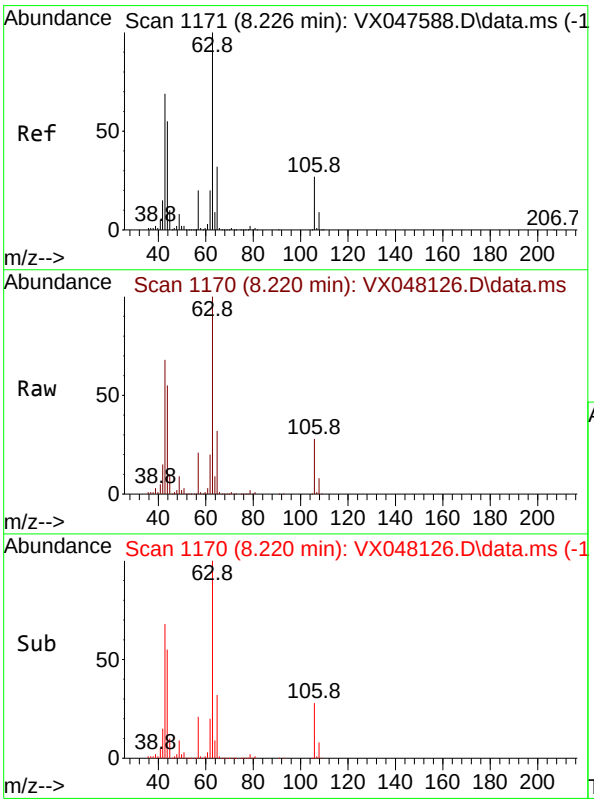
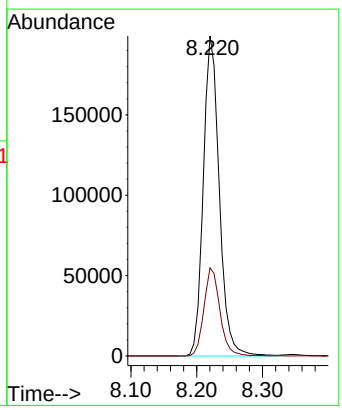
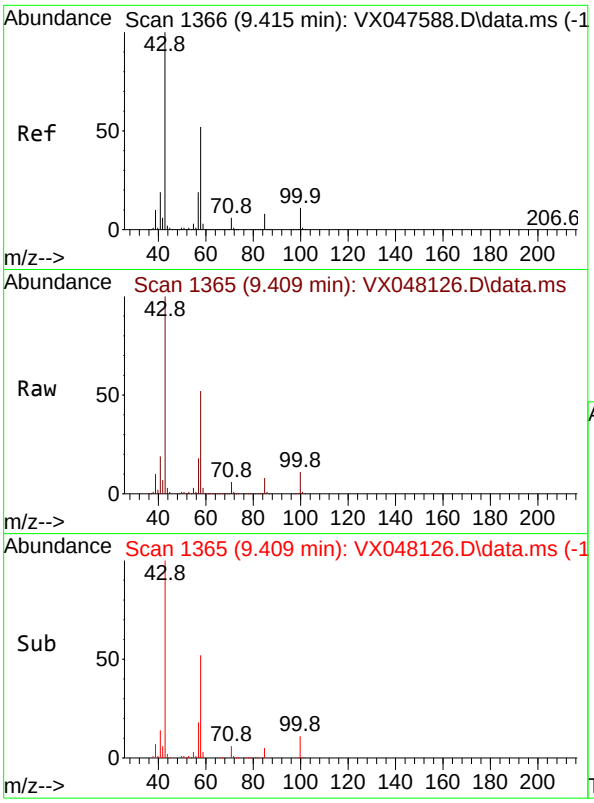


#58
2-Chloroethyl Vinyl ether
Concen: 244.822 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

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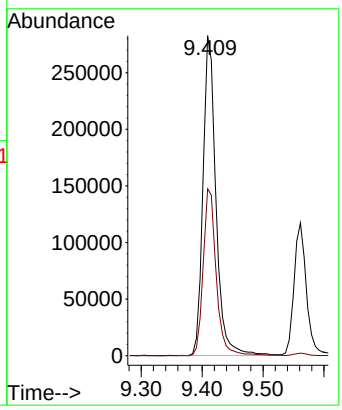
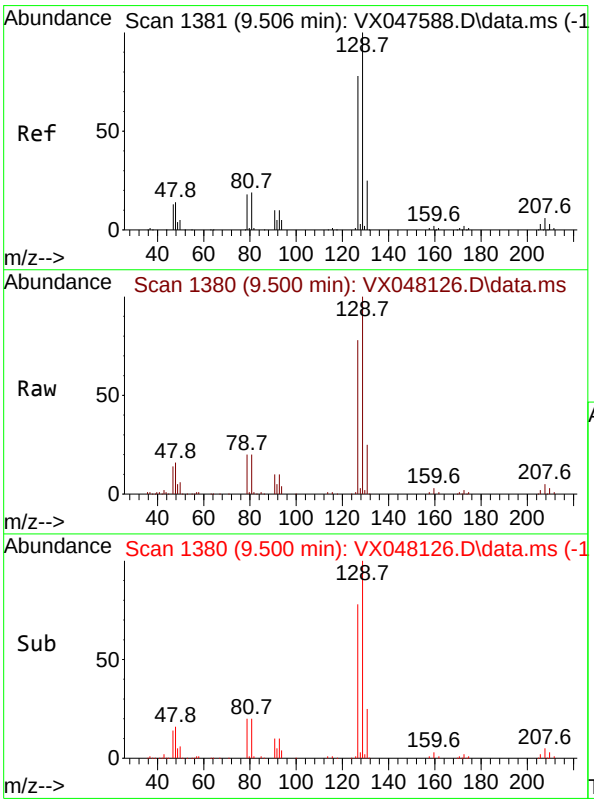
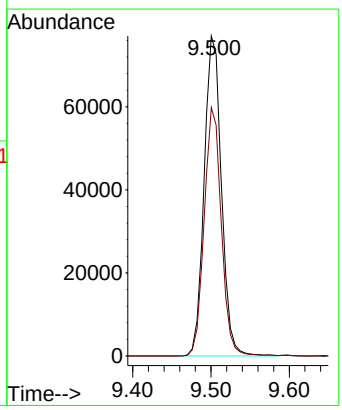


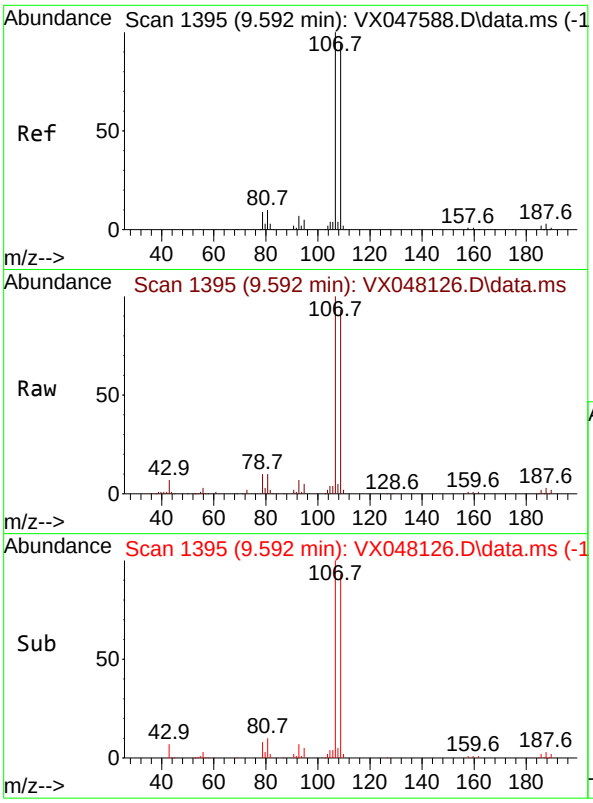


#60
Dibromochloromethane
Concen: 55.685 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:129 Resp: 117709

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.4	115.2

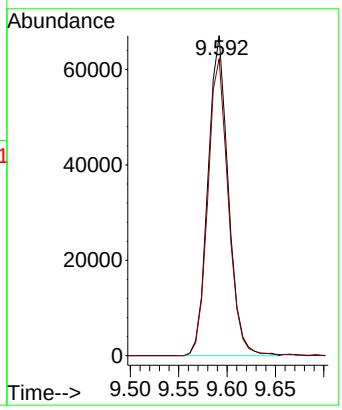




#61
1,2-Dibromoethane
Concen: 52.384 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:107 Resp: 9788

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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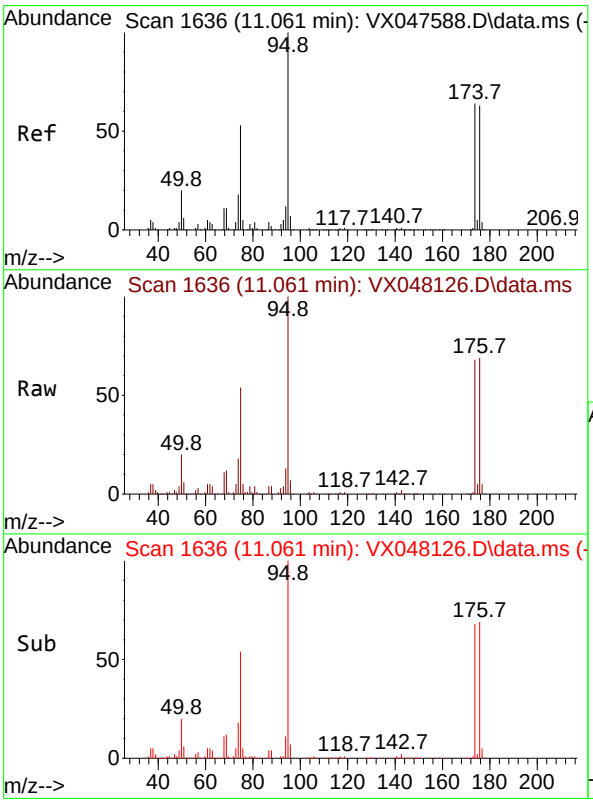
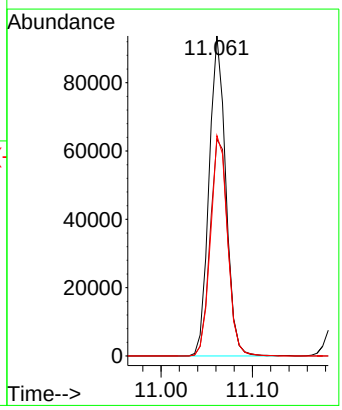
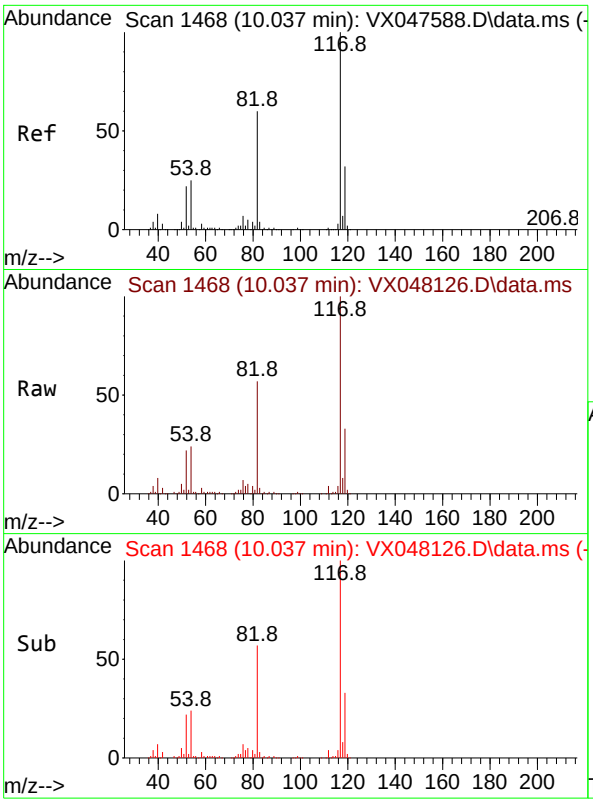


#62
4-Bromofluorobenzene
Concen: 51.831 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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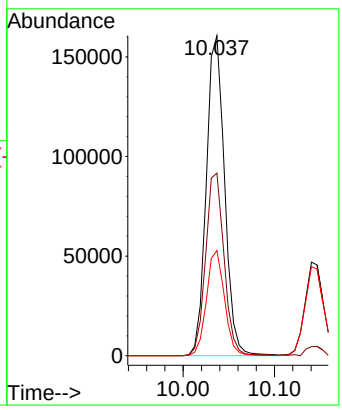
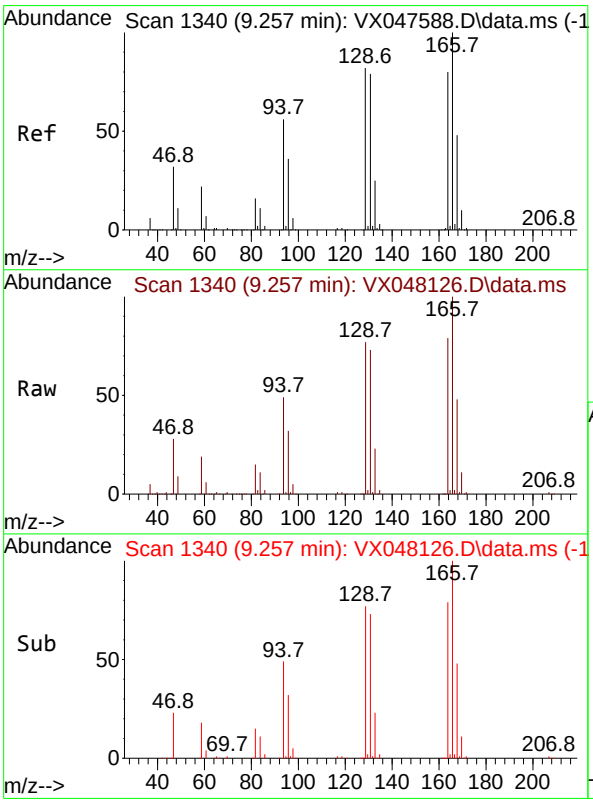
Supervised By :Mahesh Dadoda 10/14/2025

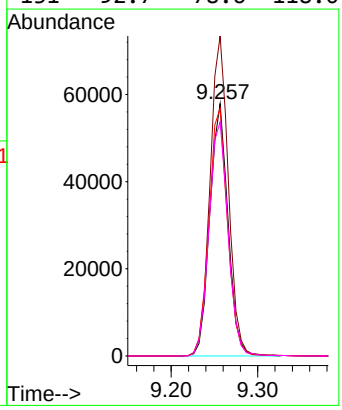


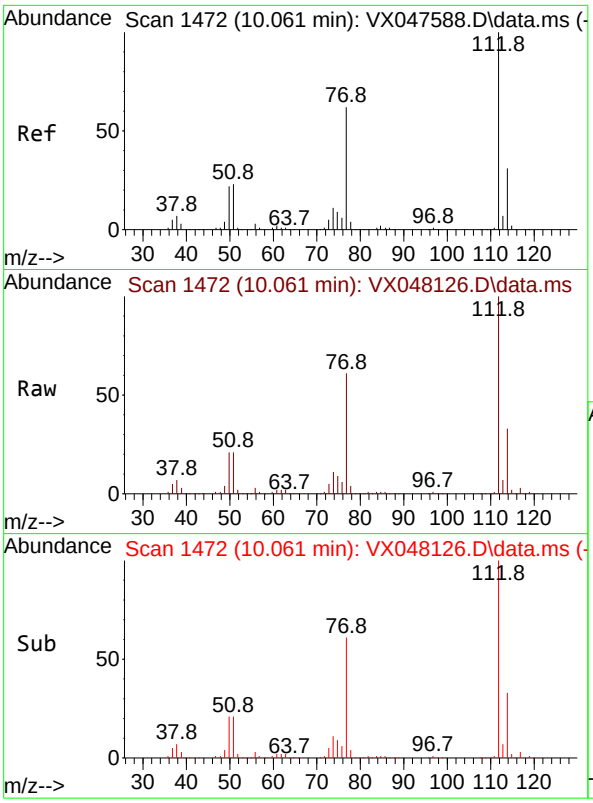


#64
Tetrachloroethene
Concen: 57.942 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

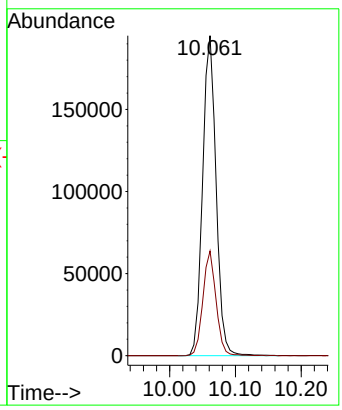




#65
Chlorobenzene
Concen: 54.737 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:112 Resp: 27755

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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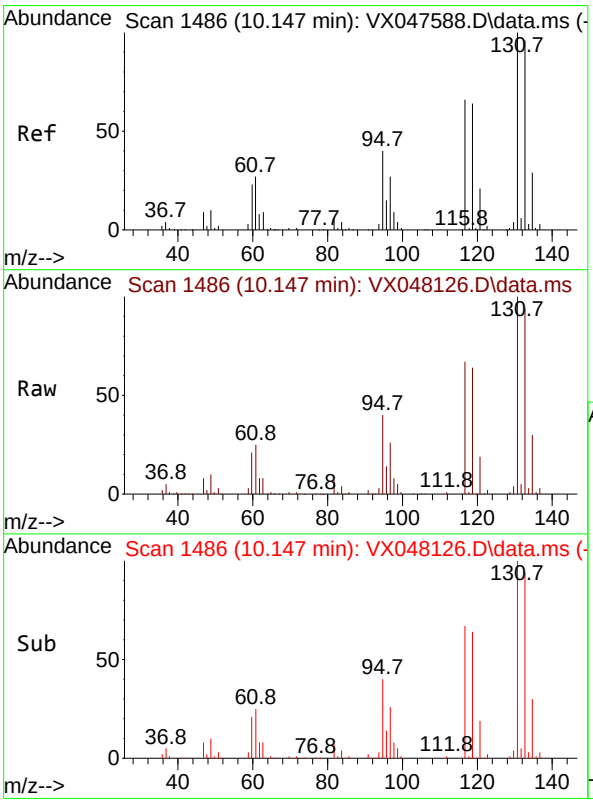
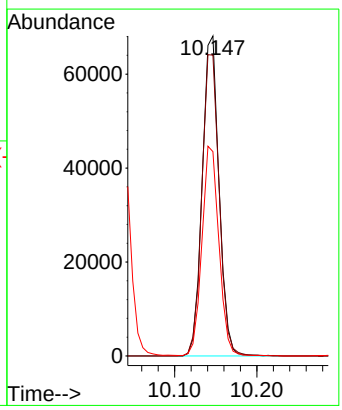
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

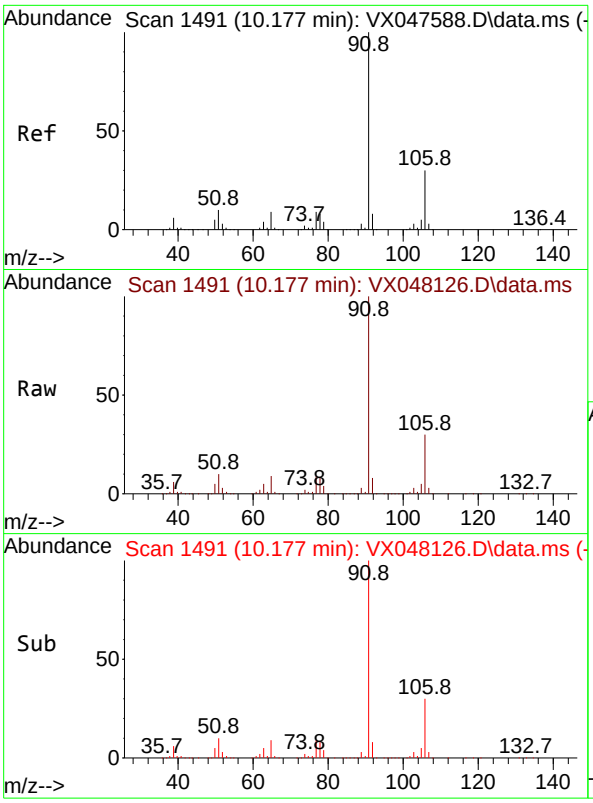


#66
1,1,1,2-Tetrachloroethane
Concen: 55.224 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

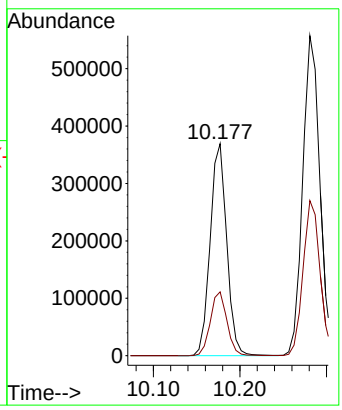




#67
Ethyl Benzene
Concen: 56.073 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 91 Resp: 49058

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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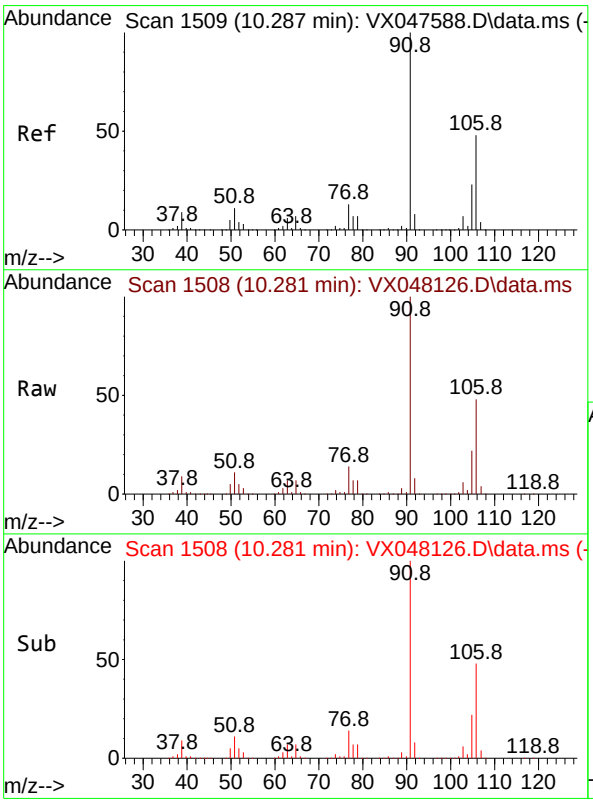
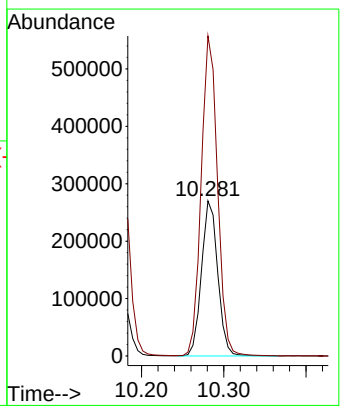
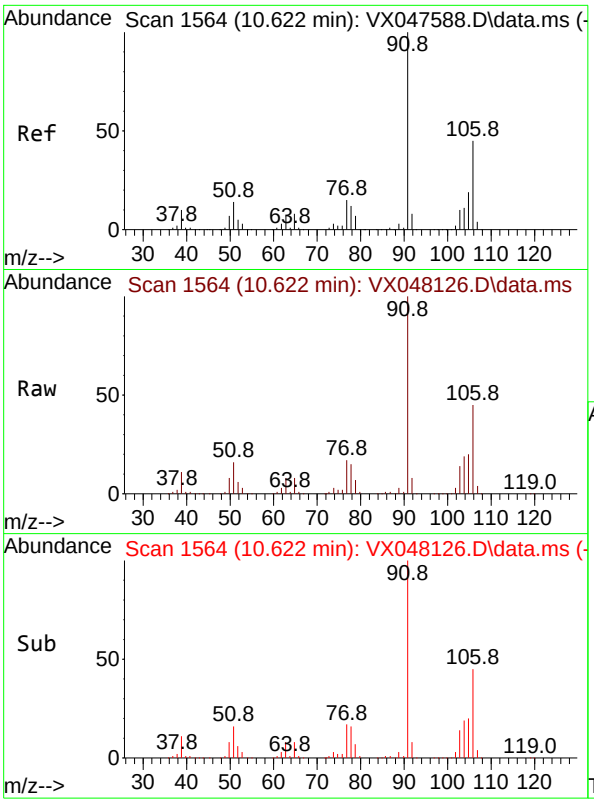


#68
m/p-Xylenes
Concen: 113.483 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:106 Resp: 369555

Ion	Ratio	Lower	Upper
106	100		
91	207.9	167.8	251.8

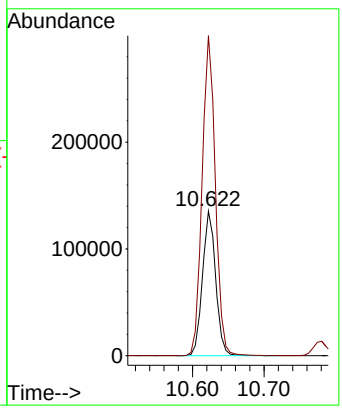




#69
o-Xylene
Concen: 55.023 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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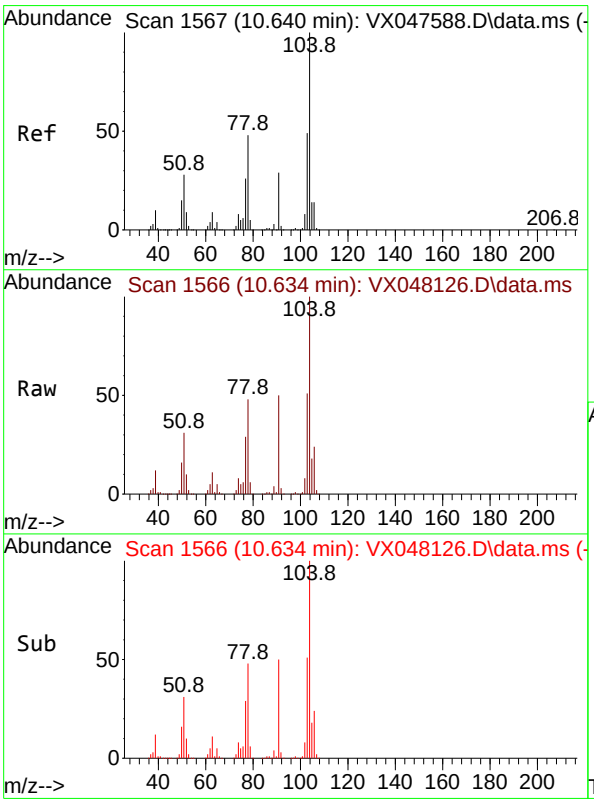
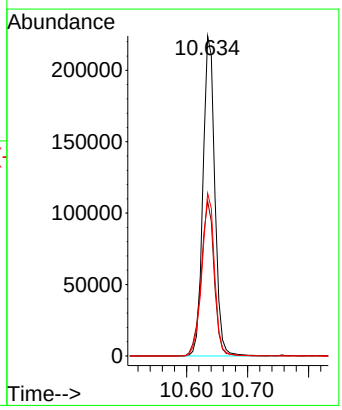
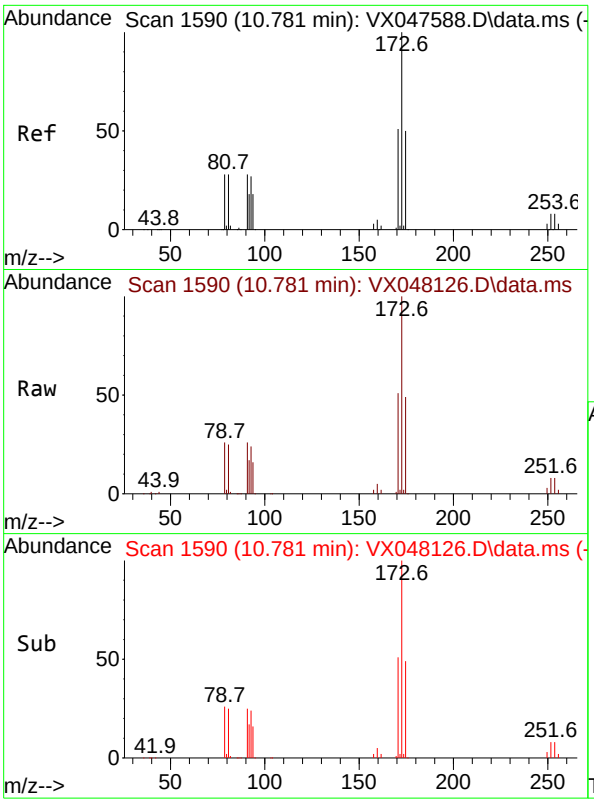


#70
Styrene
Concen: 55.065 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

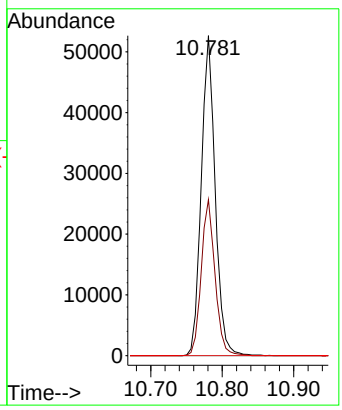




#71
Bromoform
Concen: 54.505 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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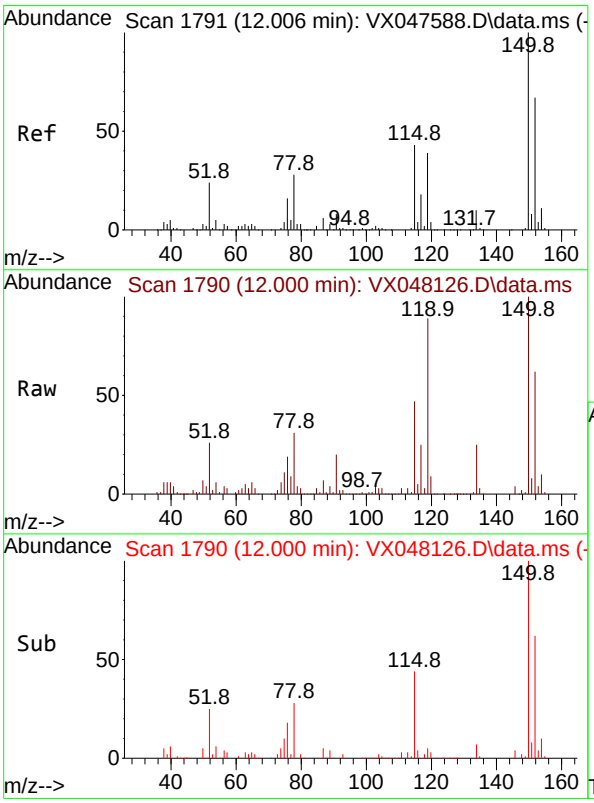
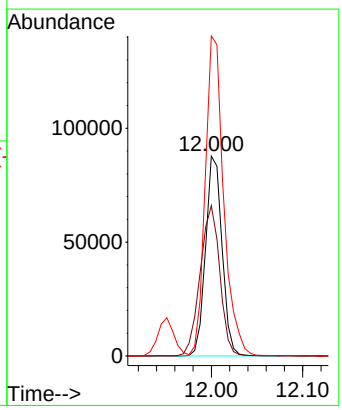
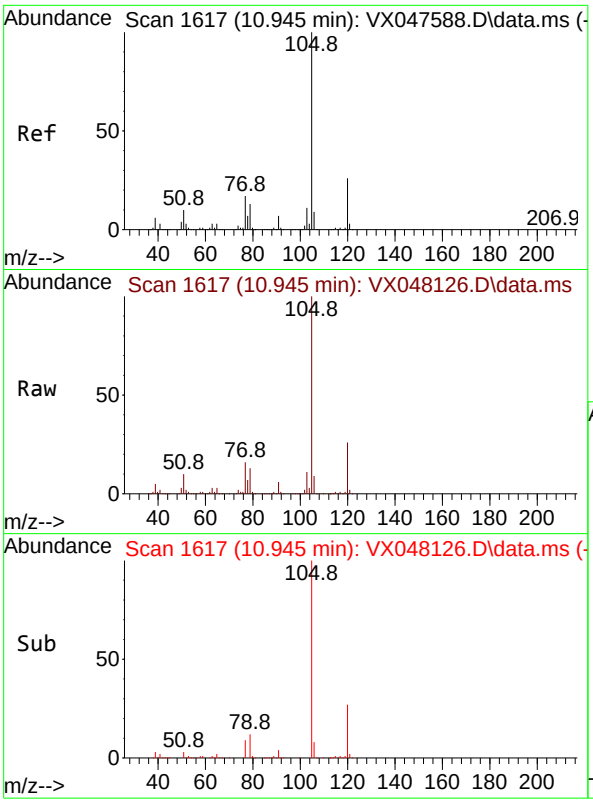


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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Reviewed By :John Carlone 10/14/2025
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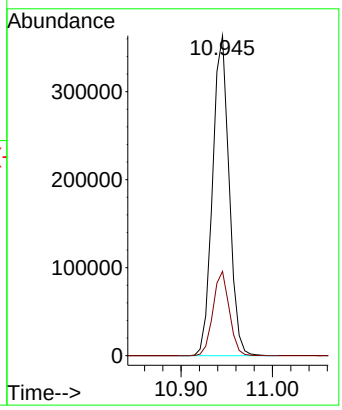
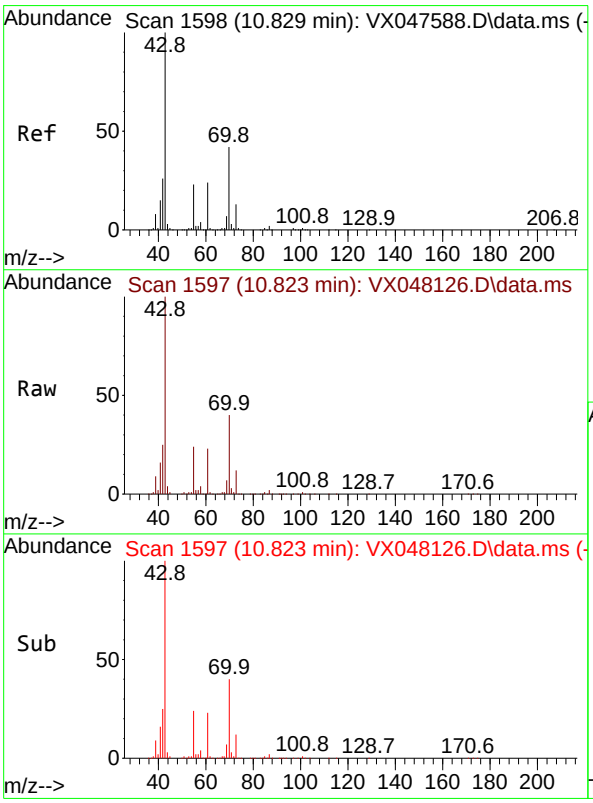
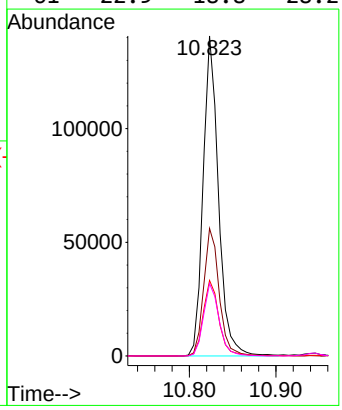


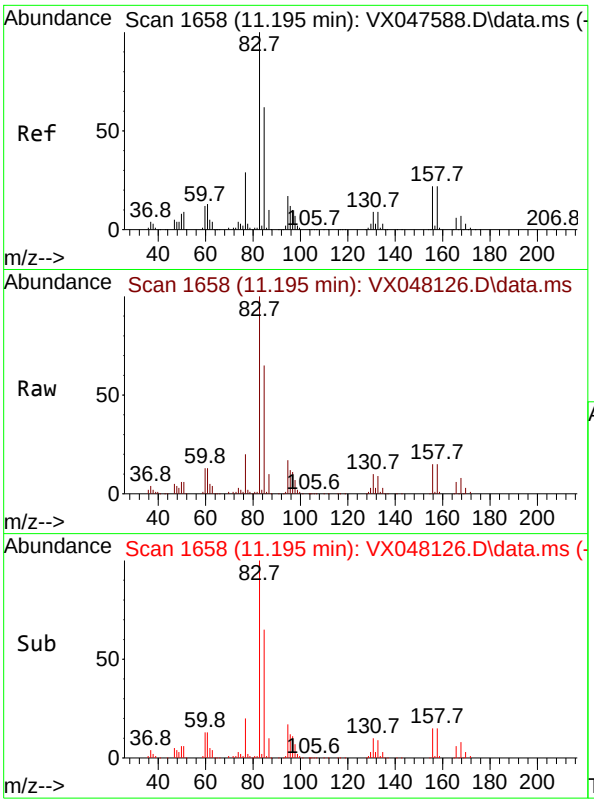


#74
N-amyl acetate
Concen: 45.597 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

Manual Integrations
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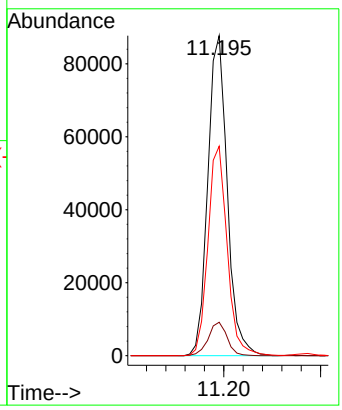
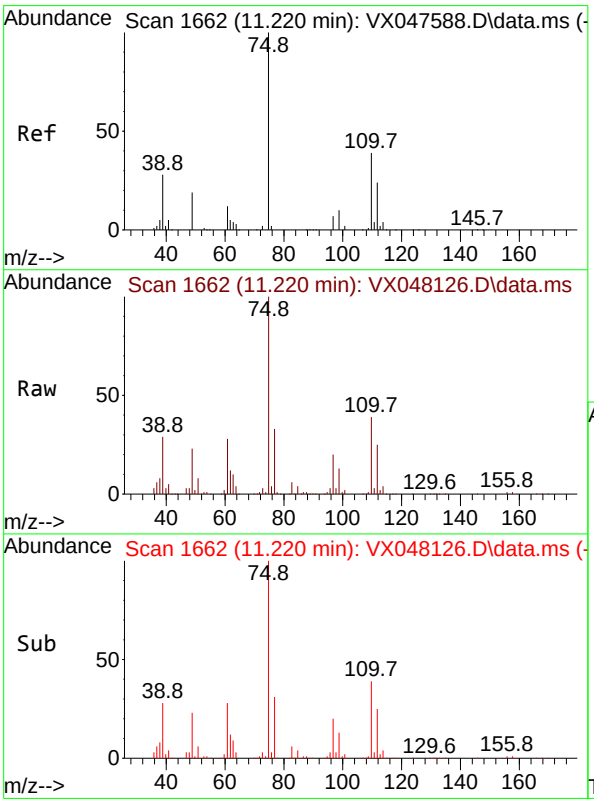
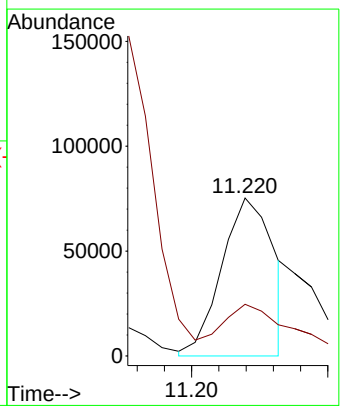


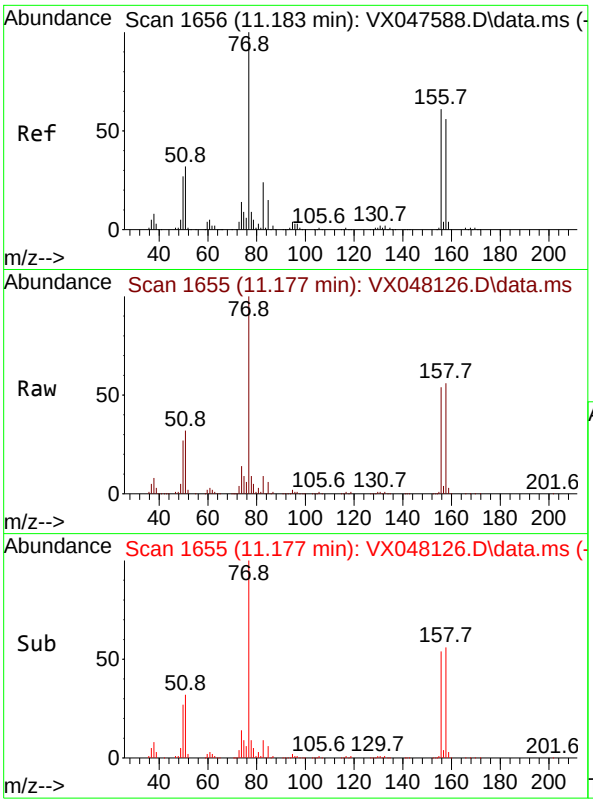


#76
1,2,3-Trichloropropane
Concen: 45.055 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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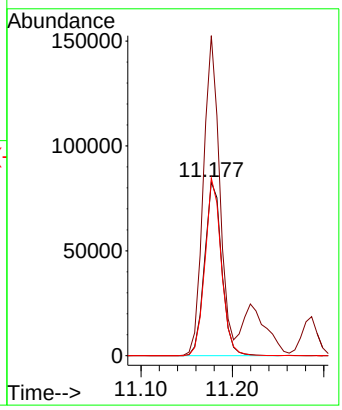
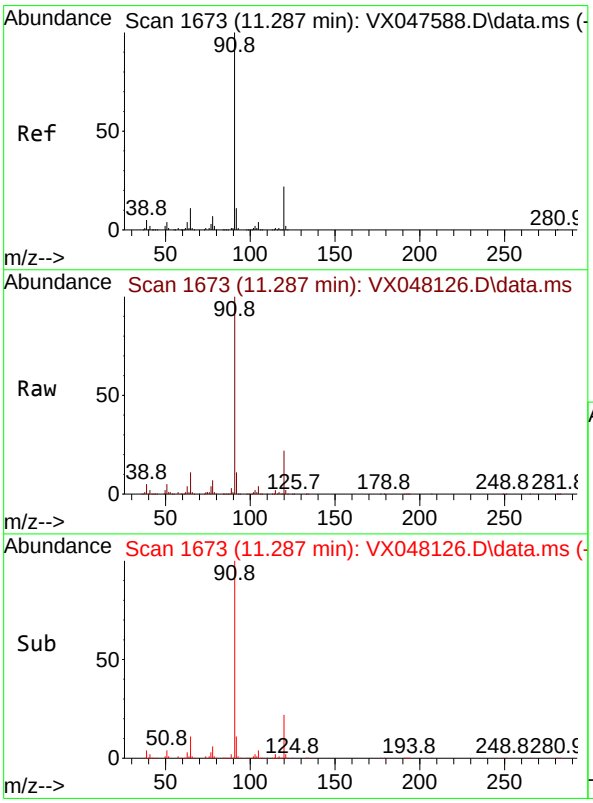
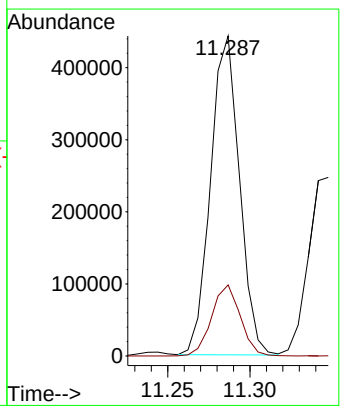


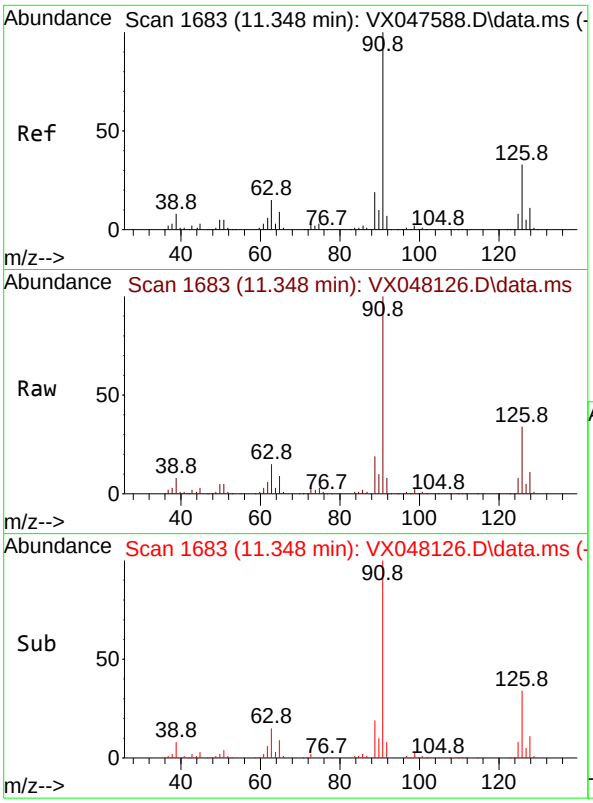


#78
n-propylbenzene
Concen: 54.892 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

Manual Integrations
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Reviewed By :John Carlone 10/14/2025
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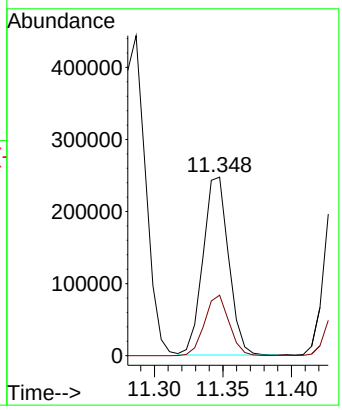
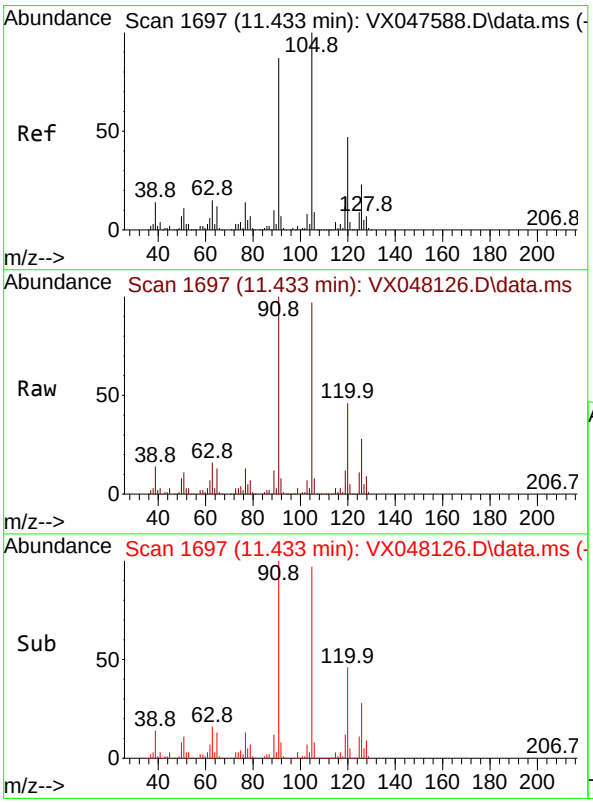
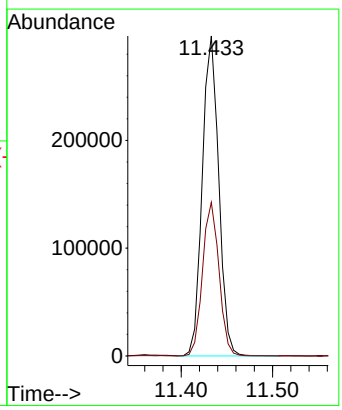


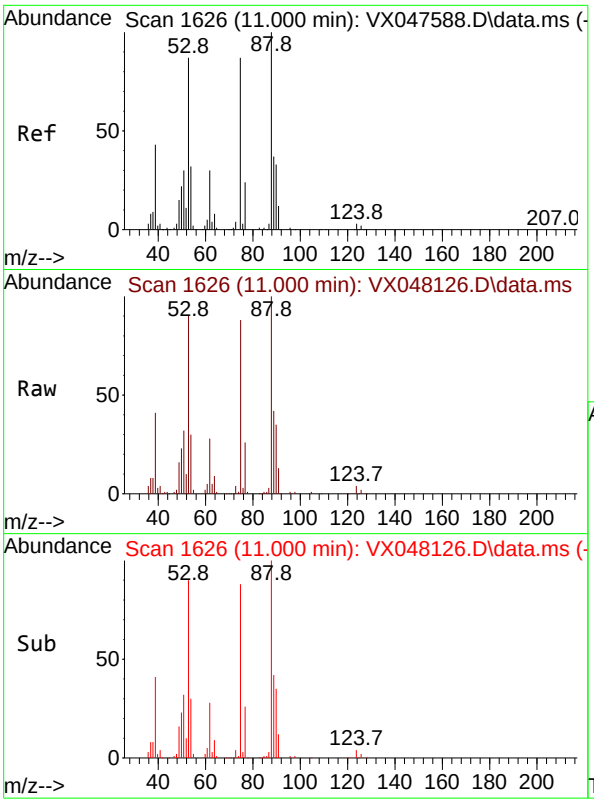


#80
1,3,5-Trimethylbenzene
Concen: 54.031 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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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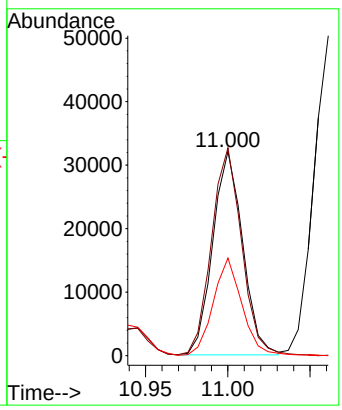
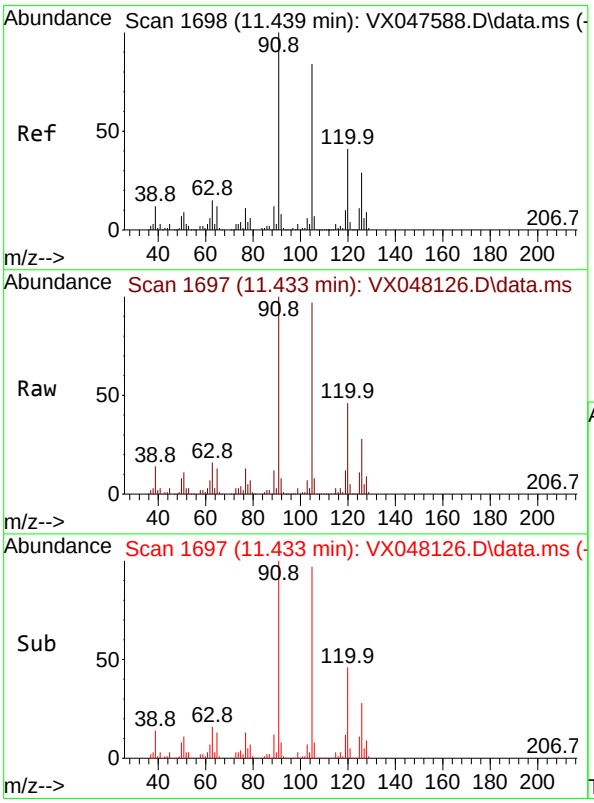
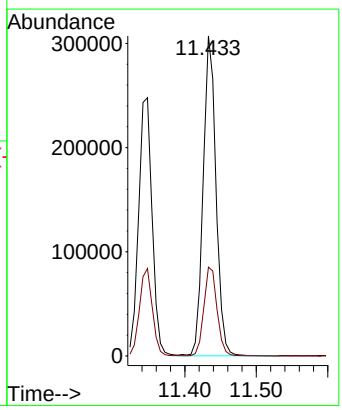


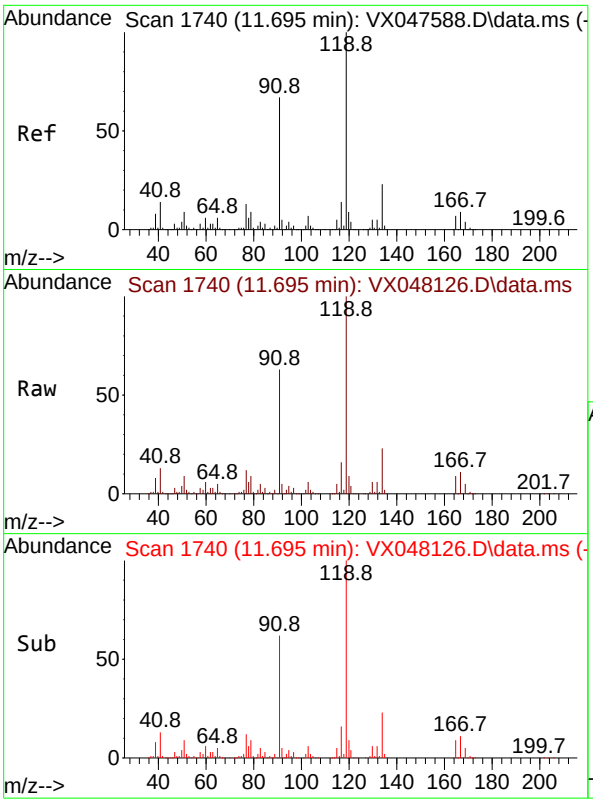


#82
4-Chlorotoluene
Concen: 53.556 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 91 Resp: 381746

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.2	42.6

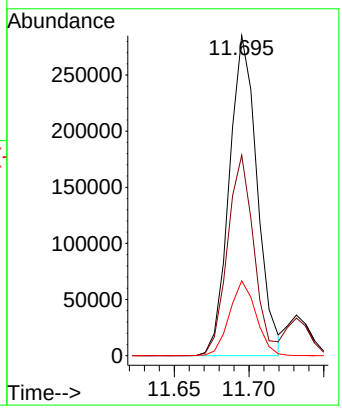




#83
tert-Butylbenzene
Concen: 52.654 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:119 Resp: 36913

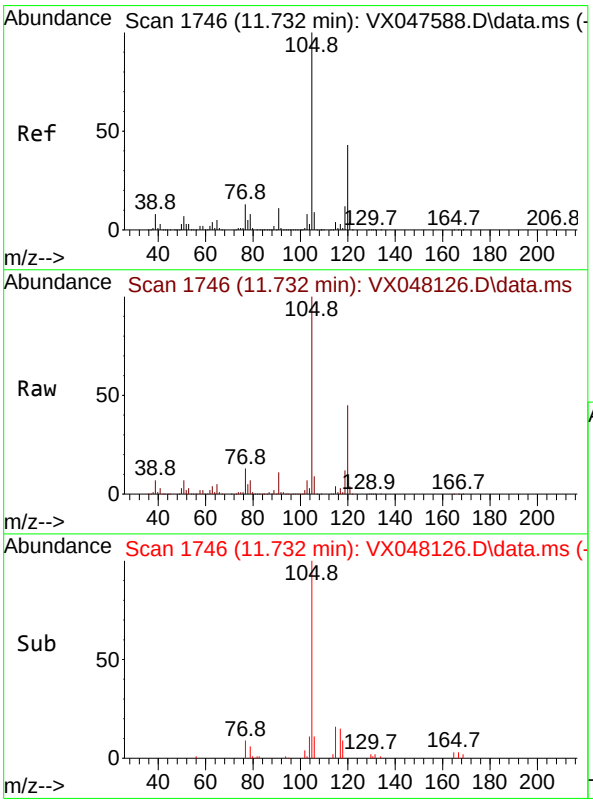
Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.6	88.8
134	22.4	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

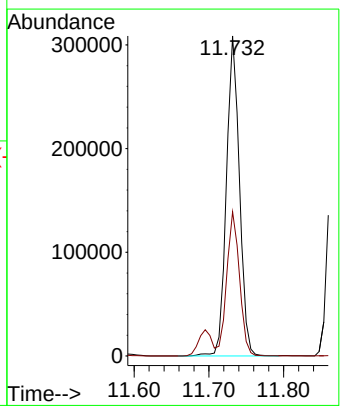
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

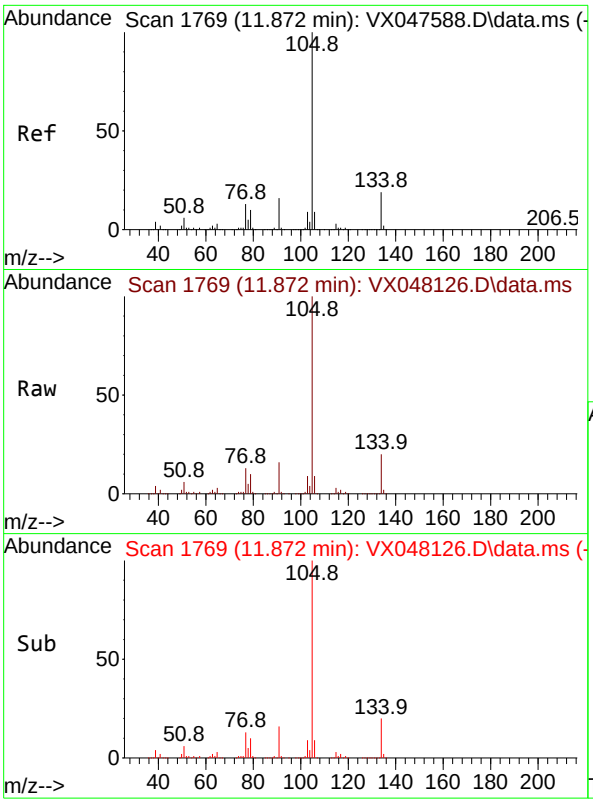


#84
1,2,4-Trimethylbenzene
Concen: 53.862 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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
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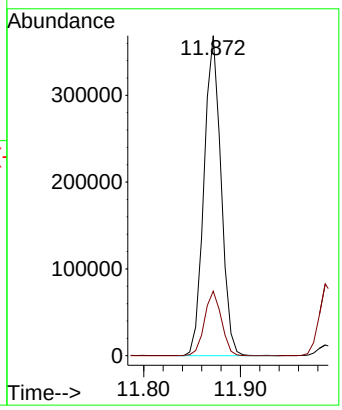
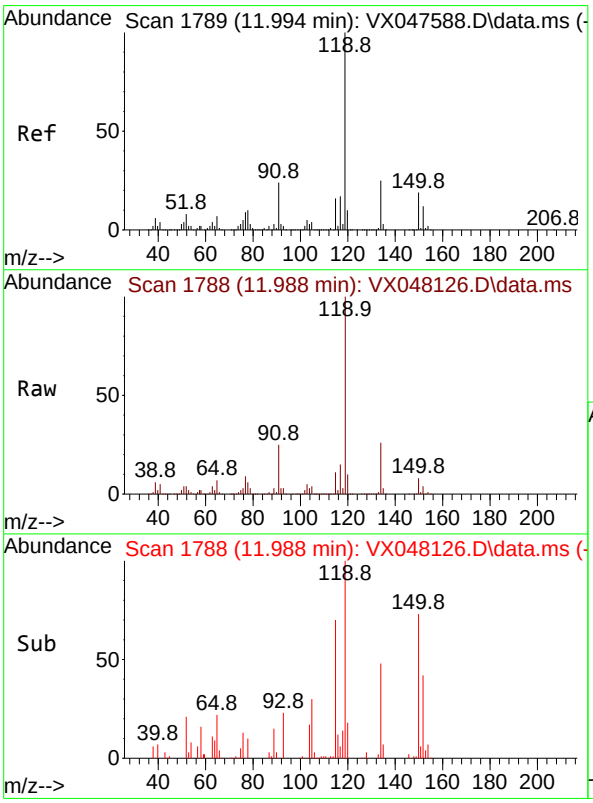
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

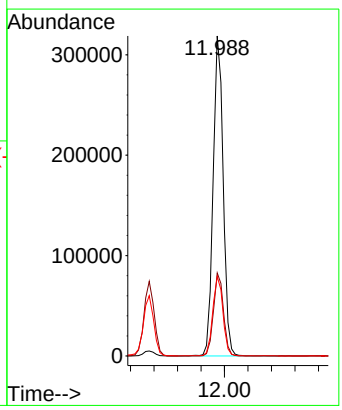


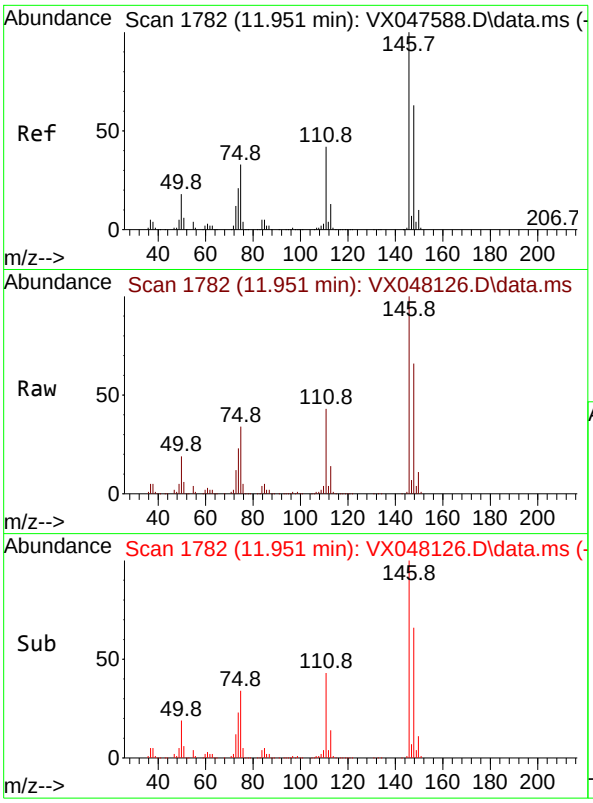


#86
p-Isopropyltoluene
Concen: 53.872 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

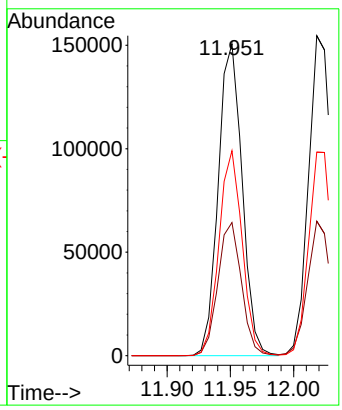




#87
1,3-Dichlorobenzene
Concen: 51.849 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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
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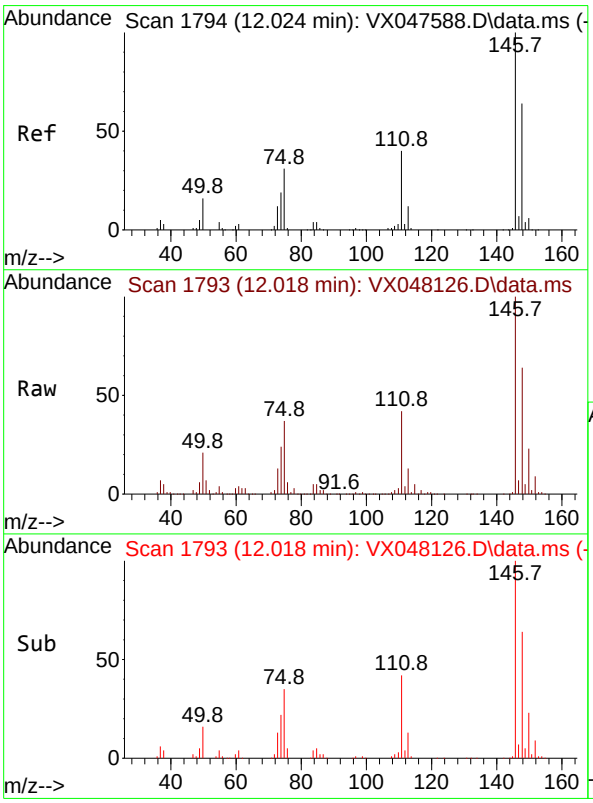
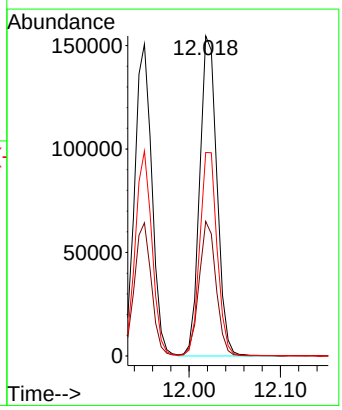
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

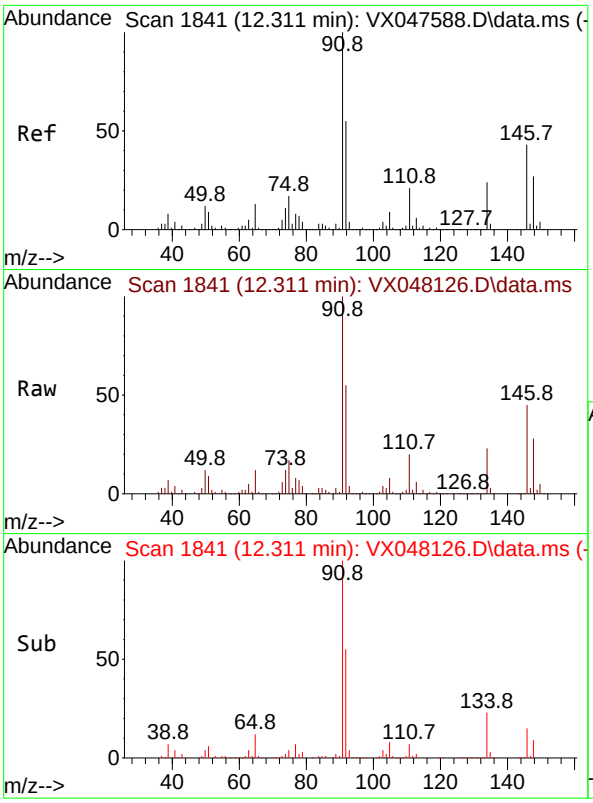


#88
1,4-Dichlorobenzene
Concen: 51.725 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

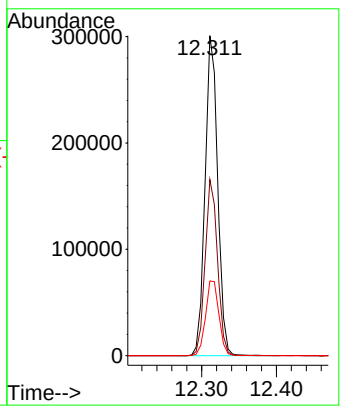




#89
n-Butylbenzene
Concen: 54.020 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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
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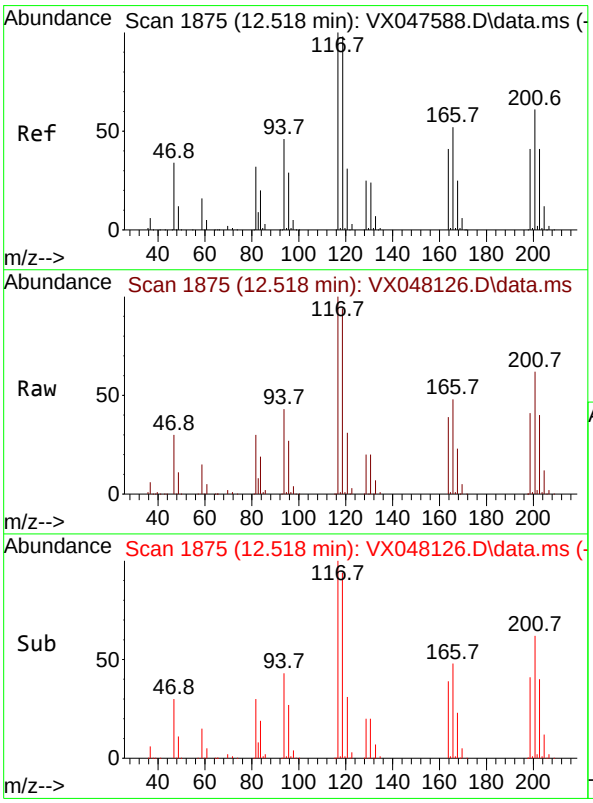
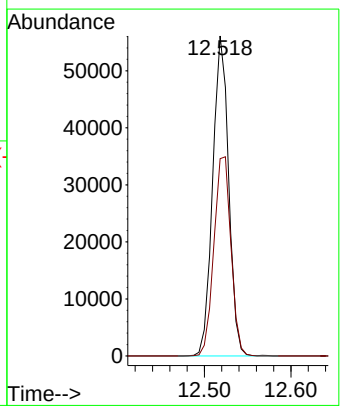
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

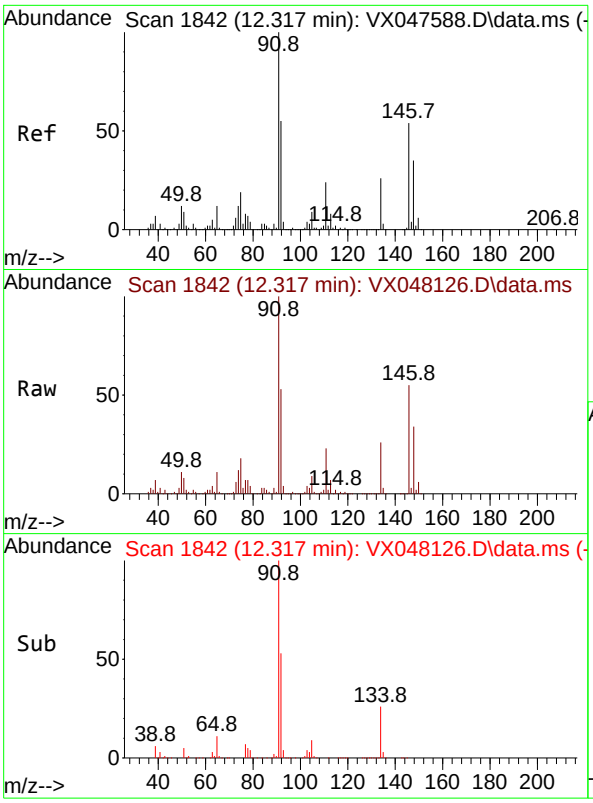


#90
Hexachloroethane
Concen: 57.956 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:117 Resp: 71735

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5

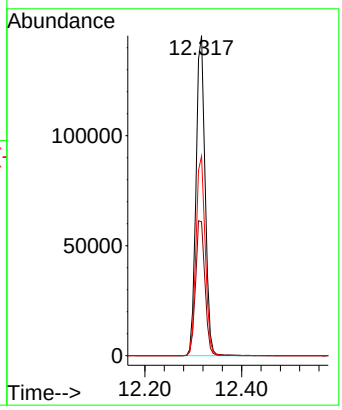




#91
1,2-Dichlorobenzene
Concen: 52.006 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

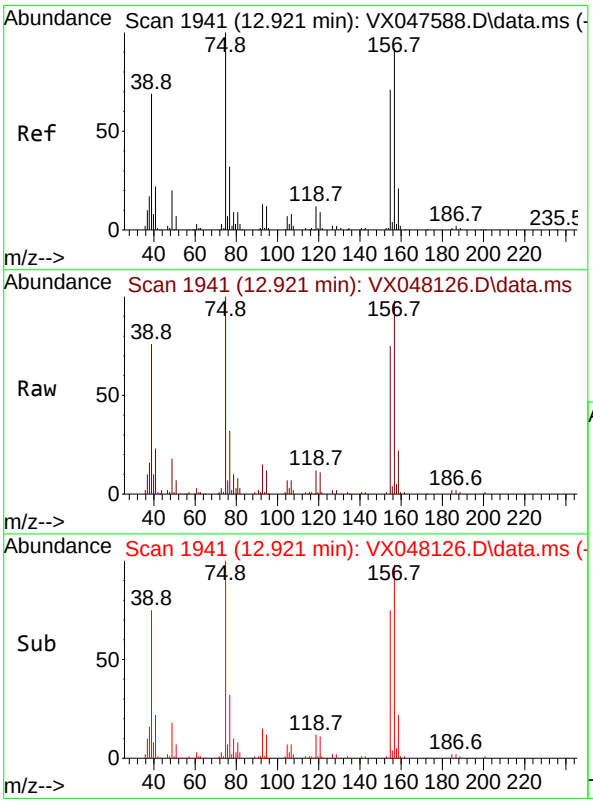
Tgt Ion:146 Resp: 18893

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

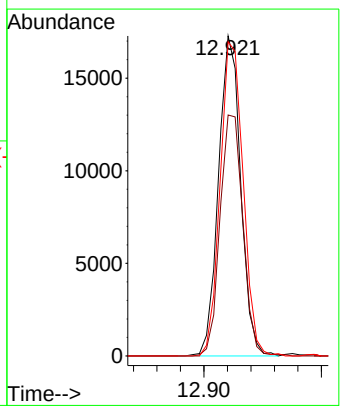
Manual Integrations
APPROVED
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

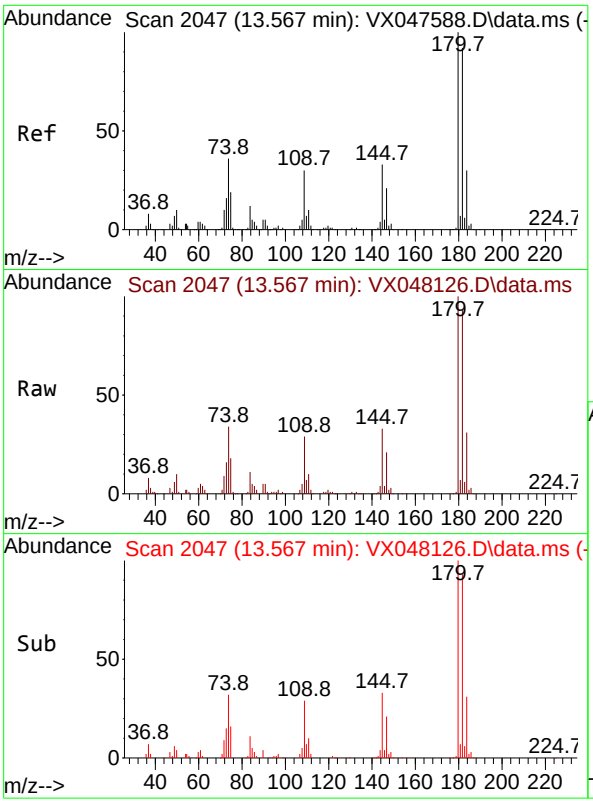


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.358 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

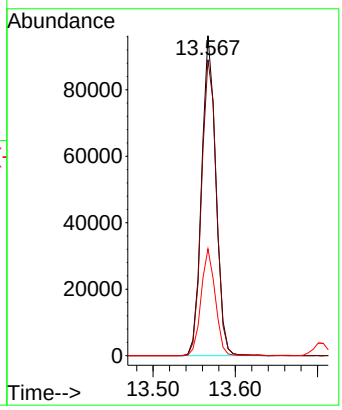




#93
1,2,4-Trichlorobenzene
Concen: 48.936 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:180 Resp: 11554

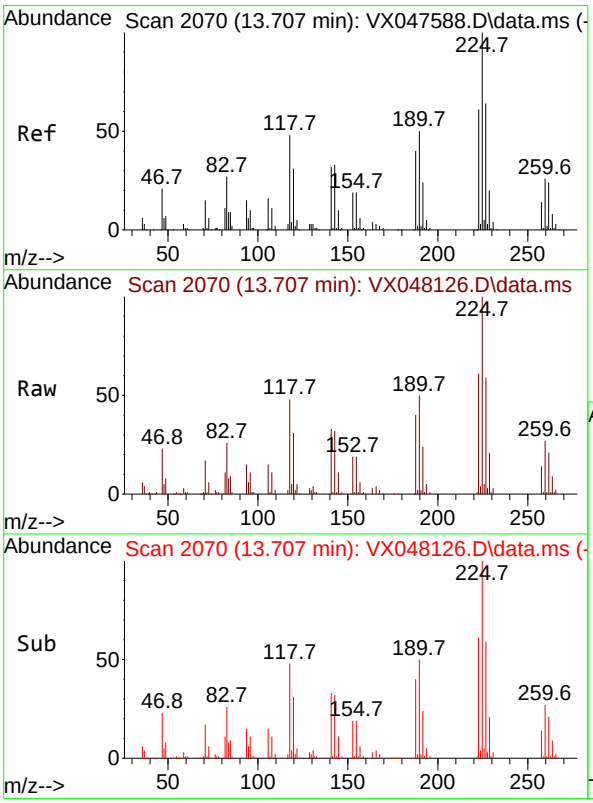
Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.6	139.8
145	33.2	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

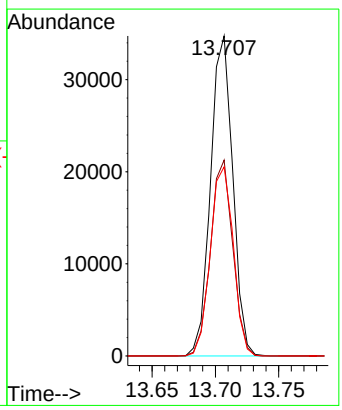
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

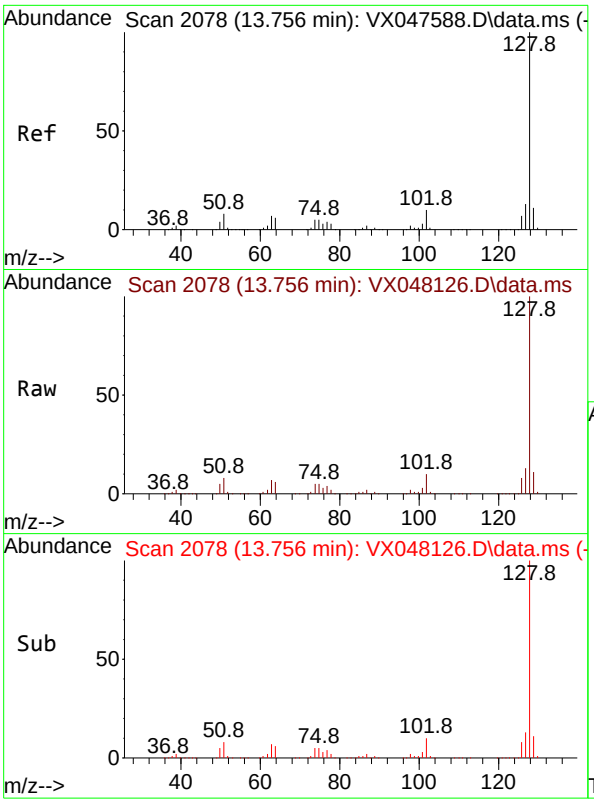


#94
Hexachlorobutadiene
Concen: 52.791 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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

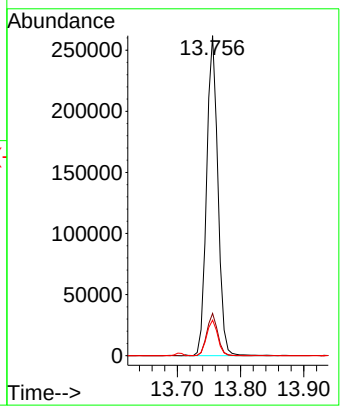




#95
Naphthalene
Concen: 45.067 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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
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Reviewed By :John Carlone 10/14/2025
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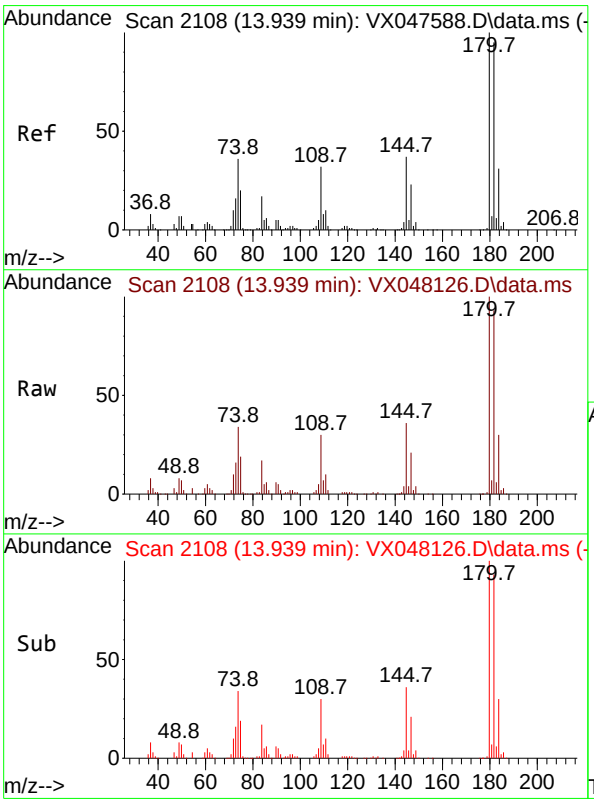
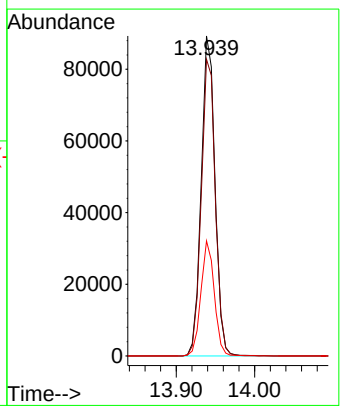


#96
1,2,3-Trichlorobenzene
Concen: 49.668 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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:	TETR06
Lab Code:	ACE	SDG No.:	Q3324
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/13/2025 18:15
Lab File ID:	VX048151.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	0.591		14.09	50
Chloromethane	0.680	0.729	0.1	7.21	50
Vinyl Chloride	0.666	0.761		14.26	50
Bromomethane	0.422	0.523		23.93	50
Chloroethane	0.445	0.499		12.14	50
Trichlorofluoromethane	0.989	1.124		13.65	50
1,1,2-Trichlorotrifluoroethane	0.578	0.632		9.34	50
1,1-Dichloroethene	0.594	0.661		11.28	50
Acetone	0.346	0.276		-20.23	50
Carbon Disulfide	1.626	1.923		18.27	50
Methyl tert-butyl Ether	2.169	2.308		6.41	50
Methyl Acetate	0.770	0.726		-5.71	50
Methylene Chloride	0.732	0.791		8.06	50
trans-1,2-Dichloroethene	0.640	0.708		10.63	50
1,1-Dichloroethane	1.263	1.364	0.1	8	50
Cyclohexane	1.052	1.112		5.7	50
2-Butanone	0.432	0.408		-5.56	50
Carbon Tetrachloride	0.532	0.582		9.4	50
cis-1,2-Dichloroethene	0.783	0.858		9.58	50
Bromochloromethane	0.551	0.624		13.25	50
Chloroform	1.276	1.408		10.35	50
1,1,1-Trichloroethane	1.082	1.203		11.18	50
Methylcyclohexane	0.556	0.607		9.17	50
Benzene	1.488	1.651		10.95	50
1,2-Dichloroethane	0.566	0.613		8.3	50
Trichloroethene	0.360	0.410		13.89	50
1,2-Dichloropropane	0.381	0.425		11.55	50
Bromodichloromethane	0.572	0.650		13.64	50
4-Methyl-2-Pentanone	0.477	0.504		5.66	50
Toluene	0.917	1.029		12.21	50
t-1,3-Dichloropropene	0.584	0.645		10.44	50
cis-1,3-Dichloropropene	0.624	0.688		10.26	50
1,1,2-Trichloroethane	0.354	0.401		13.28	50
2-Hexanone	0.343	0.347		1.17	50
Dibromochloromethane	0.407	0.479		17.69	50
1,2-Dibromoethane	0.360	0.420		16.67	50
Tetrachloroethene	0.326	0.422		29.45	50
Chlorobenzene	1.136	1.233	0.3	8.54	50

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:	TETR06
Lab Code:	ACE	SDG No.:	Q3324
Instrument ID:	MSVOA_X	Calibration Date/Time:	10/13/2025 18:15
Lab File ID:	VX048151.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	2.135		8.93	50
m/p-Xylenes	0.729	0.794		8.92	50
o-Xylene	0.706	0.766		8.5	50
Styrene	1.236	1.356		9.71	50
Bromoform	0.293	0.325	0.1	10.92	50
Isopropylbenzene	3.801	3.816		0.4	50
1,1,2,2-Tetrachloroethane	1.150	1.129	0.3	-1.83	50
1,3-Dichlorobenzene	1.739	1.729		-0.57	50
1,4-Dichlorobenzene	1.785	1.773		-0.67	50
1,2-Dichlorobenzene	1.657	1.688		1.87	50
1,2-Dibromo-3-Chloropropane	0.233	0.222		-4.72	50
1,2,4-Trichlorobenzene	1.077	1.045		-2.97	50
1,2,3-Trichlorobenzene	1.002	1.009		0.7	50
1,2-Dichloroethane-d4	0.796	0.738		-7.29	50
Dibromofluoromethane	0.335	0.324		-3.28	50
Toluene-d8	1.160	1.078		-7.07	50
4-Bromofluorobenzene	0.440	0.426		-3.18	50

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 : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 14 02:00:15 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 :
VSTDCCC050EC

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	5.544	168	116426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	206286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	187903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	97364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85941	46.374	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.740%			
35) Dibromofluoromethane	5.373	113	66803	48.287	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.580%			
50) Toluene-d8	8.635	98	222442	46.467	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.940%			
62) 4-Bromofluorobenzene	11.061	95	87879	48.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	68845	57.104	ug/l	98
3) Chloromethane	1.301	50	84832	53.539	ug/l	99
4) Vinyl Chloride	1.380	62	88657	57.159	ug/l	98
5) Bromomethane	1.612	94	60922	61.941	ug/l	100
6) Chloroethane	1.697	64	58122	56.066	ug/l	98
7) Trichlorofluoromethane	1.898	101	130836	56.811	ug/l	100
8) Diethyl Ether	2.136	74	50070	53.148	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	73566	54.630	ug/l	99
10) Methyl Iodide	2.459	142	104928	49.961	ug/l	97
11) Tert butyl alcohol	2.947	59	48774	236.310	ug/l	100
12) 1,1-Dichloroethene	2.325	96	77006	55.670	ug/l	98
13) Acrolein	2.239	56	50219	264.034	ug/l	99
14) Allyl chloride	2.666	41	143272	50.193	ug/l	98
15) Acrylonitrile	3.063	53	202376	264.713	ug/l	99
16) Acetone	2.374	43	160622	199.337	ug/l	99
17) Carbon Disulfide	2.520	76	223913	59.130	ug/l	98
18) Methyl Acetate	2.703	43	84487	47.114	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	268668	53.207	ug/l	99
20) Methylene Chloride	2.788	84	92121	54.010	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	82439	55.356	ug/l	97
22) Diisopropyl ether	3.751	45	299698	54.176	ug/l	87
23) Vinyl Acetate	3.715	43	1118555	252.641	ug/l	100
24) 1,1-Dichloroethane	3.605	63	158777	54.001	ug/l	98
25) 2-Butanone	4.544	43	237412	236.205	ug/l	98
26) 2,2-Dichloropropane	4.471	77	123863	50.678	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	99947	54.800	ug/l	97
28) Bromochloromethane	4.891	49	72617	56.572	ug/l	98
29) Tetrahydrofuran	4.989	42	149435	247.143	ug/l	98
30) Chloroform	5.087	83	163902	55.163	ug/l	99
31) Cyclohexane	5.465	56	129495	52.880	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	140046	55.569	ug/l	99
36) 1,1-Dichloropropene	5.684	75	107376	53.115	ug/l	98
37) Ethyl Acetate	4.702	43	104462	48.261	ug/l	99
38) Carbon Tetrachloride	5.672	117	120011	54.638	ug/l	98
39) Methylcyclohexane	7.367	83	125223	54.569	ug/l	99
40) Benzene	6.025	78	340597	55.471	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 14 02:00:15 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 :
VSTDCCC050EC

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	58064	51.961	ug/l		99
42) 1,2-Dichloroethane	6.074	62	126475	54.137	ug/l		100
43) Isopropyl Acetate	6.324	43	177959	50.130	ug/l		99
44) Trichloroethene	7.111	130	84645	57.022	ug/l		95
45) 1,2-Dichloropropane	7.415	63	87721	55.794	ug/l		98
46) Dibromomethane	7.568	93	64036	55.970	ug/l		97
47) Bromodichloromethane	7.806	83	134116	56.806	ug/l		100
48) Methyl methacrylate	7.678	41	91392	51.684	ug/l		98
49) 1,4-Dioxane	7.641	88	21866	1223.595	ug/l		95
51) 4-Methyl-2-Pentanone	8.555	43	519717	264.050	ug/l		100
52) Toluene	8.702	92	212219	56.100	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	132994	55.226	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	141949	55.148	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	82732	56.718	ug/l		99
56) Ethyl methacrylate	9.104	69	124001	54.131	ug/l		99
57) 1,3-Dichloropropane	9.293	76	143428	57.240	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	289078	263.185	ug/l		99
59) 2-Hexanone	9.415	43	357796	253.109	ug/l		98
60) Dibromochloromethane	9.506	129	98818	58.796	ug/l		99
61) 1,2-Dibromoethane	9.592	107	86719	58.369	ug/l		100
64) Tetrachloroethene	9.263	164	79276	64.719	ug/l		97
65) Chlorobenzene	10.061	112	231696	54.277	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	82637	56.099	ug/l		100
67) Ethyl Benzene	10.177	91	401089	54.455	ug/l		100
68) m/p-Xylenes	10.287	106	298533	108.894	ug/l		100
69) o-Xylene	10.628	106	144023	54.314	ug/l		100
70) Styrene	10.640	104	254769	54.833	ug/l		99
71) Bromoform	10.781	173	61112	55.561	ug/l	#	98
73) Isopropylbenzene	10.945	105	371566	50.197	ug/l		99
74) N-amyl acetate	10.823	43	159040	47.116	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	109915	49.079	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	100042m	50.749	ug/l		
77) Bromobenzene	11.183	156	93071	51.050	ug/l		97
78) n-propylbenzene	11.287	91	446153	50.987	ug/l		100
79) 2-Chlorotoluene	11.348	91	266064	49.644	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	309130	50.831	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	35228	45.572	ug/l		99
82) 4-Chlorotoluene	11.439	91	318659	50.343	ug/l		99
83) tert-Butylbenzene	11.695	119	299521	48.111	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	313950	50.919	ug/l		100
85) sec-Butylbenzene	11.872	105	376441	50.907	ug/l		100
86) p-Isopropyltoluene	11.994	119	316639	50.578	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	168297	49.700	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	172609	49.665	ug/l		100
89) n-Butylbenzene	12.311	91	296409	51.169	ug/l		98
90) Hexachloroethane	12.518	117	58283	53.026	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	164389	50.956	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	21592	47.620	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	101747	48.527	ug/l		98
94) Hexachlorobutadiene	13.707	225	36890	51.799	ug/l		98
95) Naphthalene	13.756	128	314740	49.297	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	98210	50.354	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 14 02:00:15 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 :
VSTDCCC050EC

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 : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 14 02:00:15 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 :
VSTDCCC050EC

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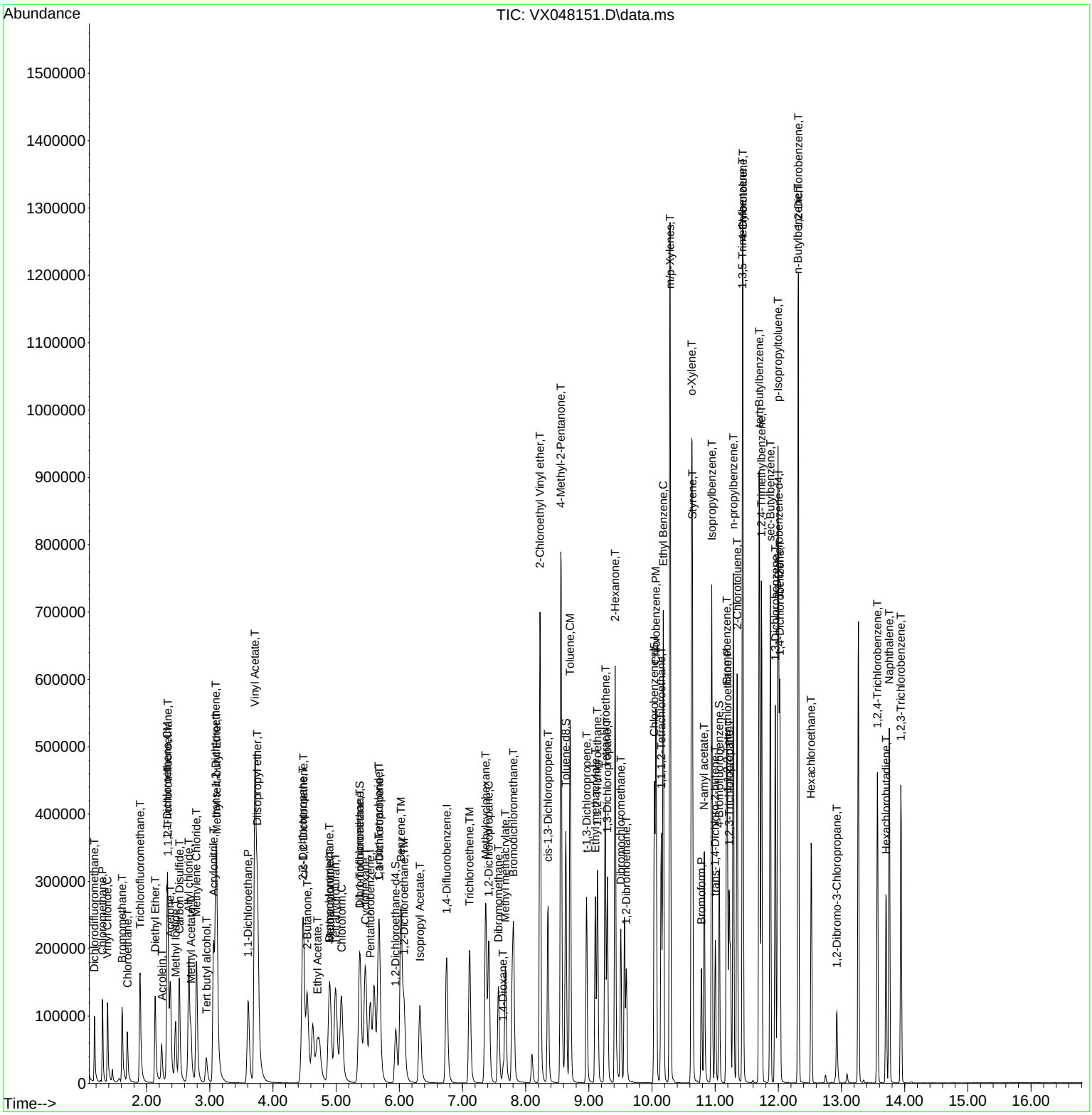
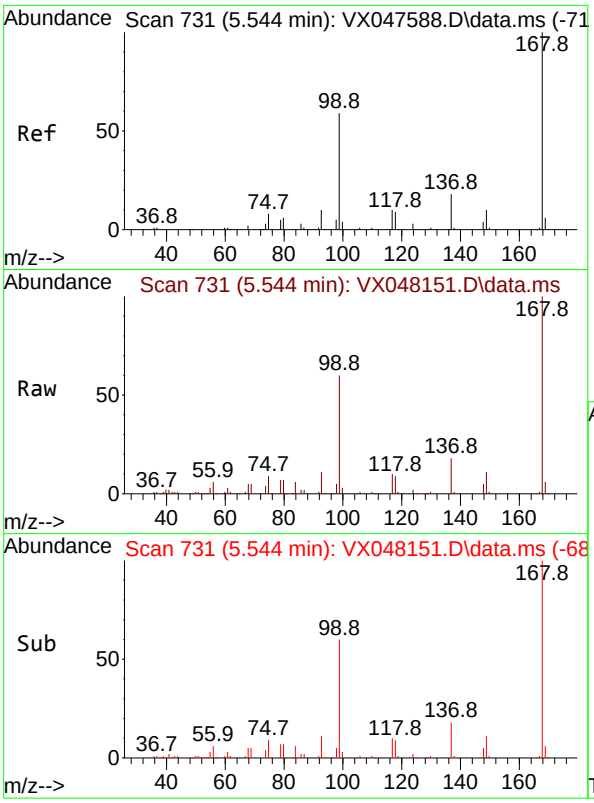
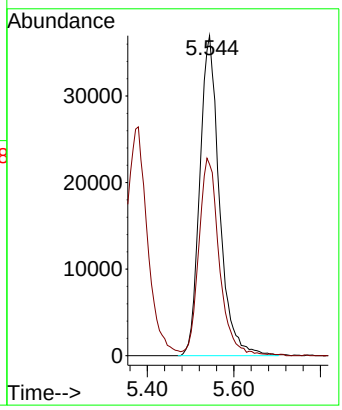




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:168 Resp: 11642

Ion	Ratio	Lower	Upper
168	100		
99	59.5	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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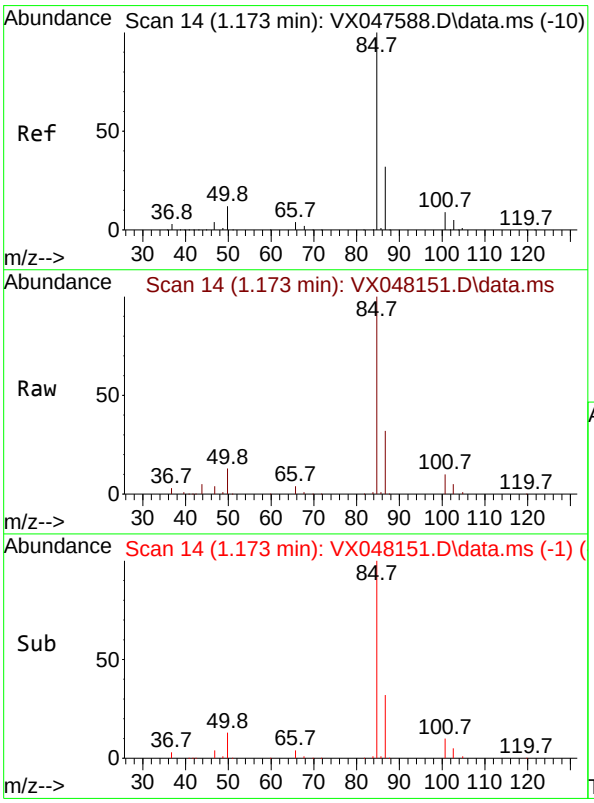
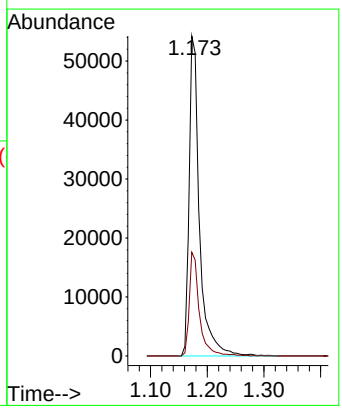
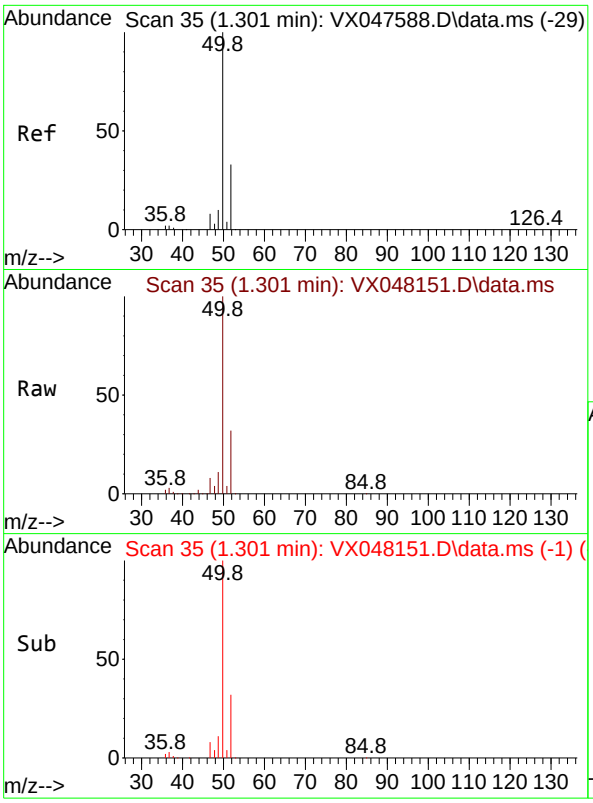


#2
Dichlorodifluoromethane
Concen: 57.104 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 85 Resp: 68845

Ion	Ratio	Lower	Upper
85	100		
87	32.8	15.8	47.3

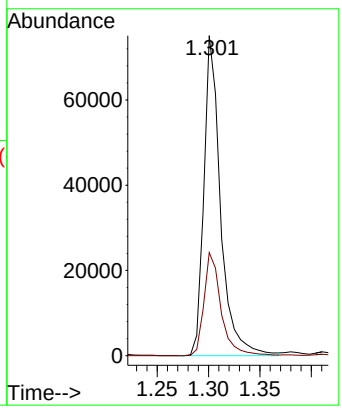




#3
Chloromethane
Concen: 53.539 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 50 Resp: 8483

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

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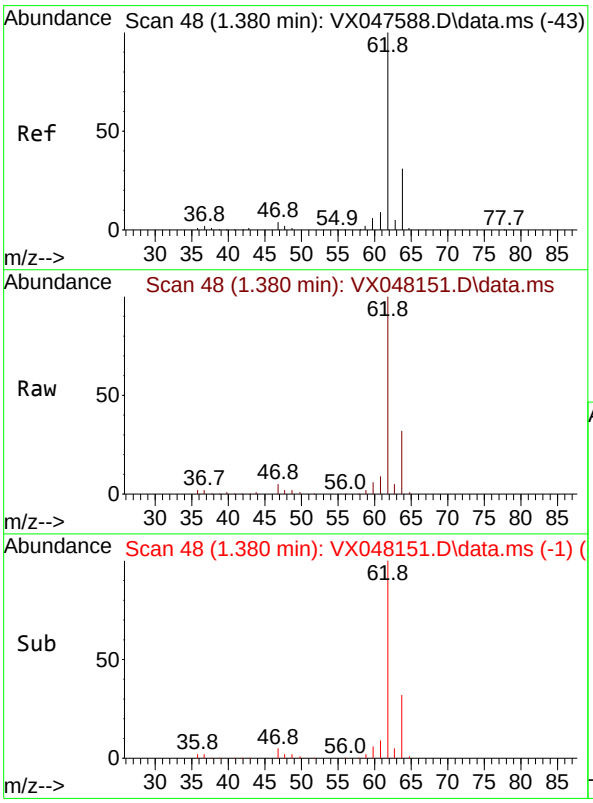
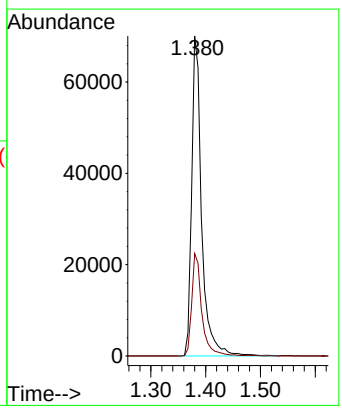
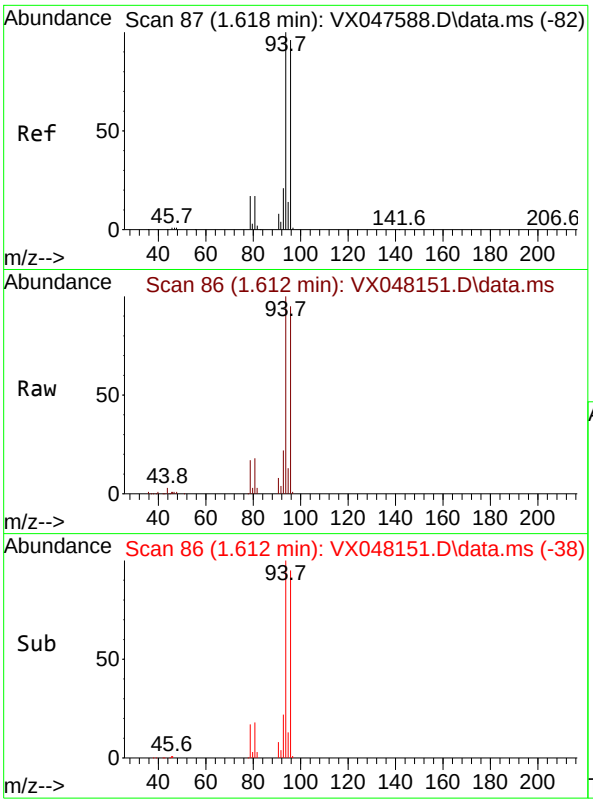


#4
Vinyl Chloride
Concen: 57.159 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 62 Resp: 88657

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.9	37.3

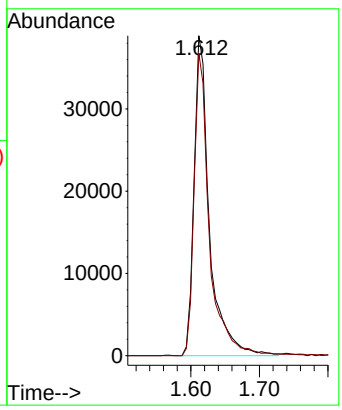




#5
Bromomethane
Concen: 61.941 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 94 Resp: 6092

Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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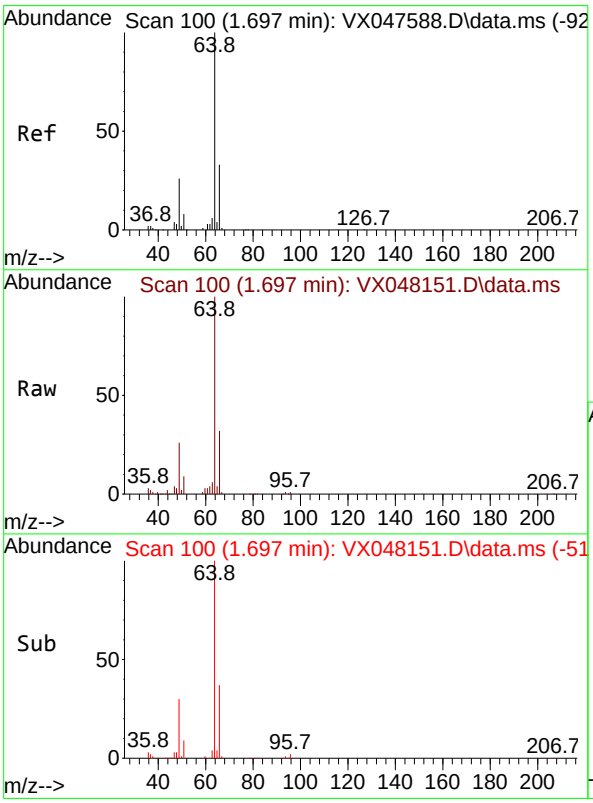
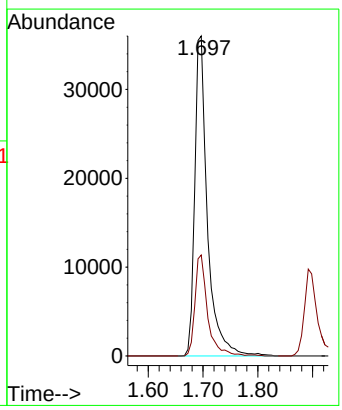
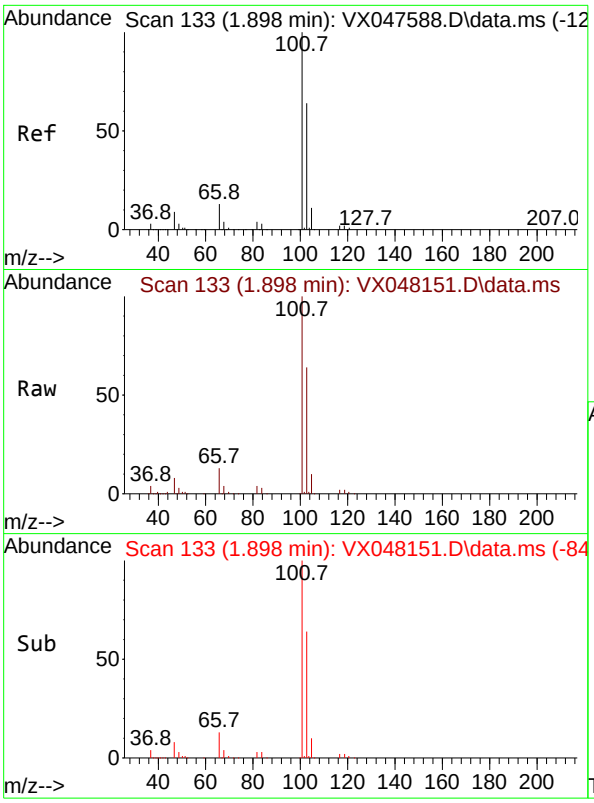


#6
Chloroethane
Concen: 56.066 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 64 Resp: 58122

Ion	Ratio	Lower	Upper
64	100		
66	31.5	26.1	39.1

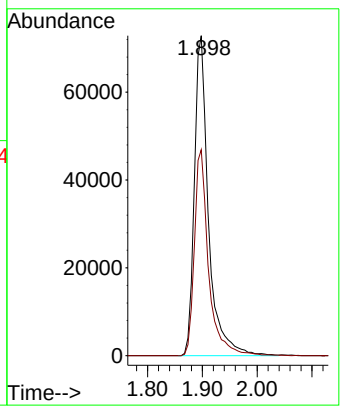




#7
Trichlorofluoromethane
Concen: 56.811 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:101 Resp: 13083

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

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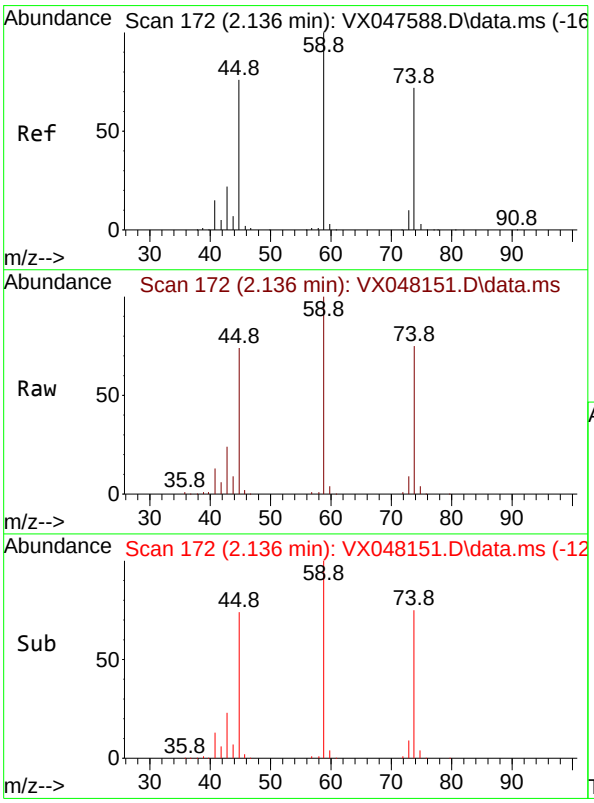
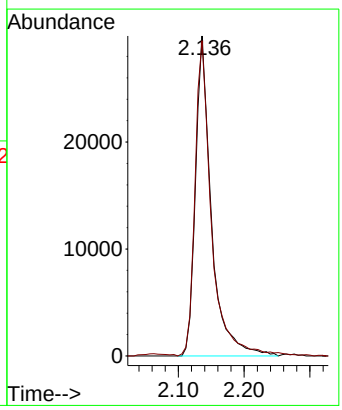
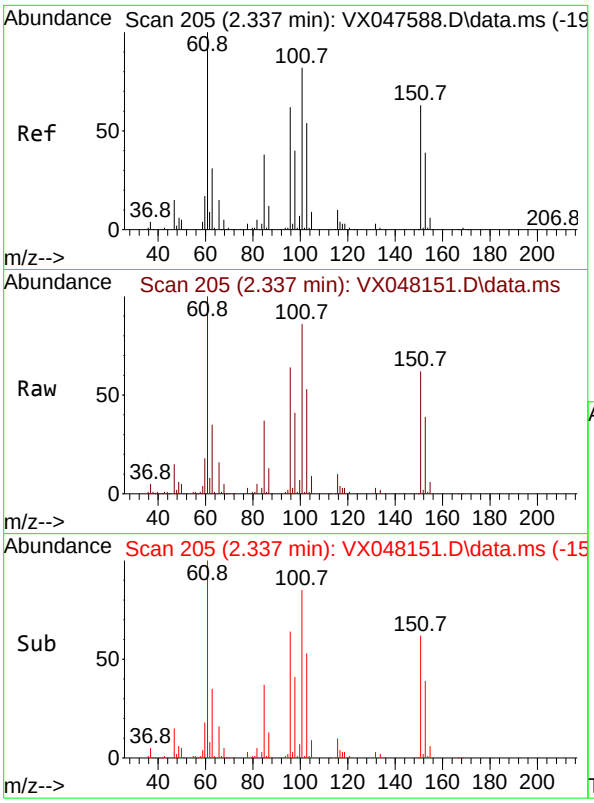


#8
Diethyl Ether
Concen: 53.148 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 74 Resp: 50070

Ion	Ratio	Lower	Upper
74	100		
45	102.1	52.3	156.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.630 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:101 Resp: 7356

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	73.4	59.4	89.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

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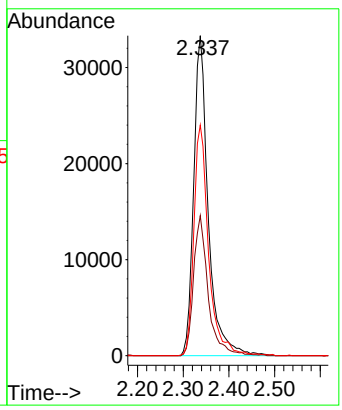
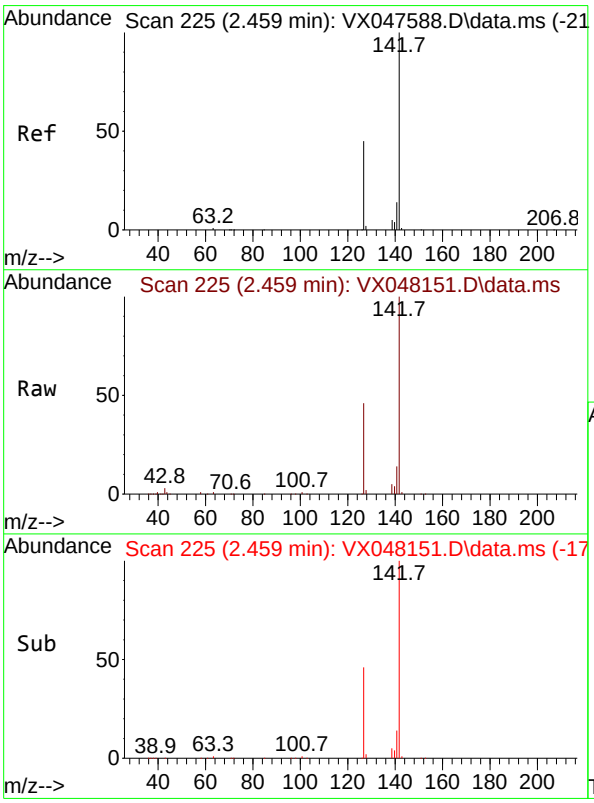
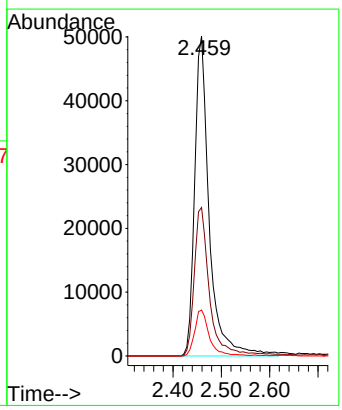


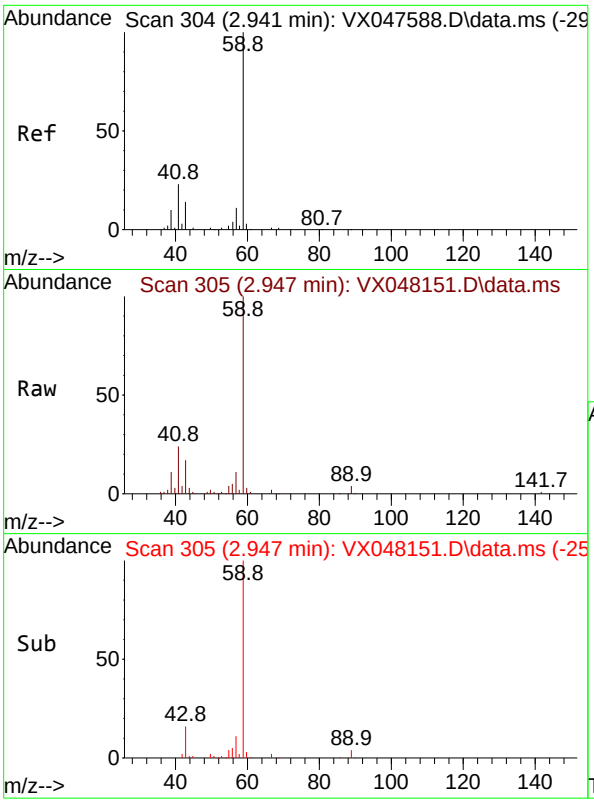


#10
Methyl Iodide
Concen: 49.961 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:142 Resp: 104928

Ion	Ratio	Lower	Upper
142	100		
127	48.9	37.2	55.8
141	14.4	11.4	17.0

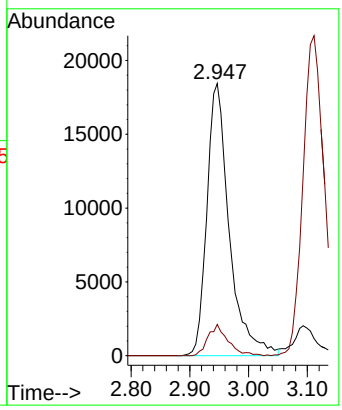




#11
Tert butyl alcohol
Concen: 236.310 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 59 Resp: 4877

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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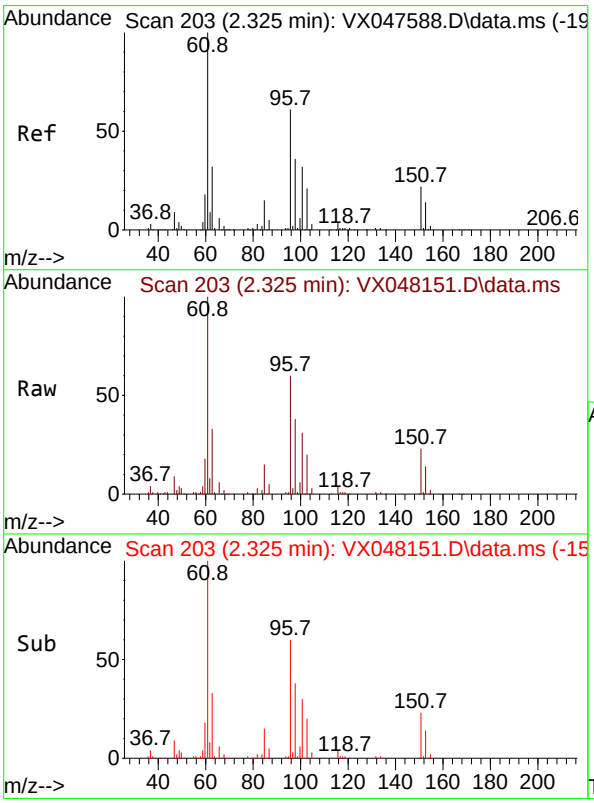
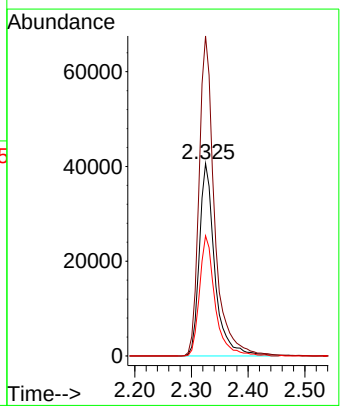
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

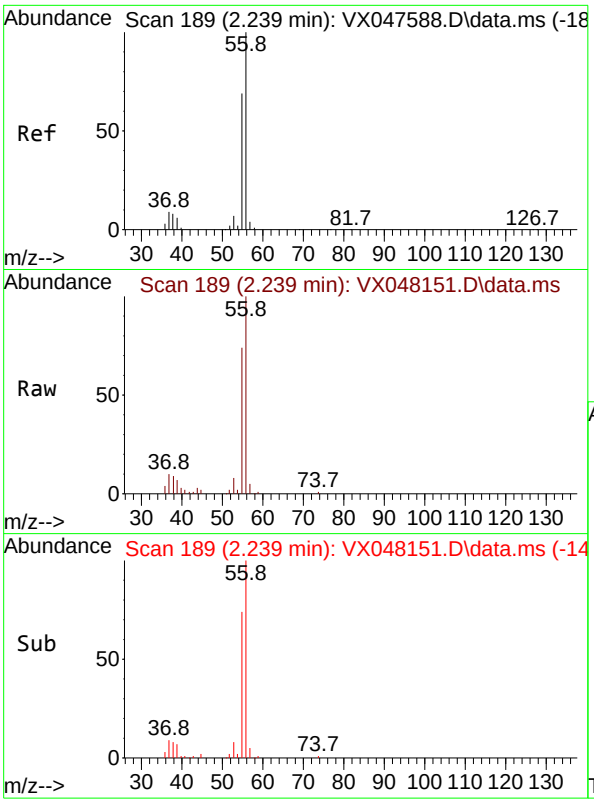


#12
1,1-Dichloroethene
Concen: 55.670 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 96 Resp: 77006

Ion	Ratio	Lower	Upper
96	100		
61	166.3	131.0	196.6
98	62.5	47.7	71.5

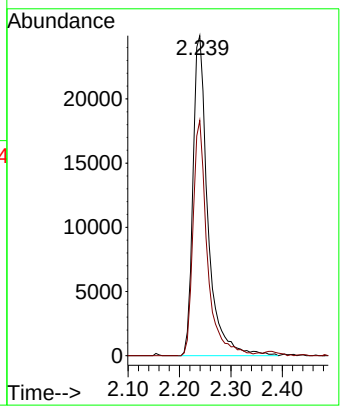




#13
Acrolein
Concen: 264.034 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 56 Resp: 5021

Ion	Ratio	Lower	Upper
56	100		
55	70.4	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 10/14/2025
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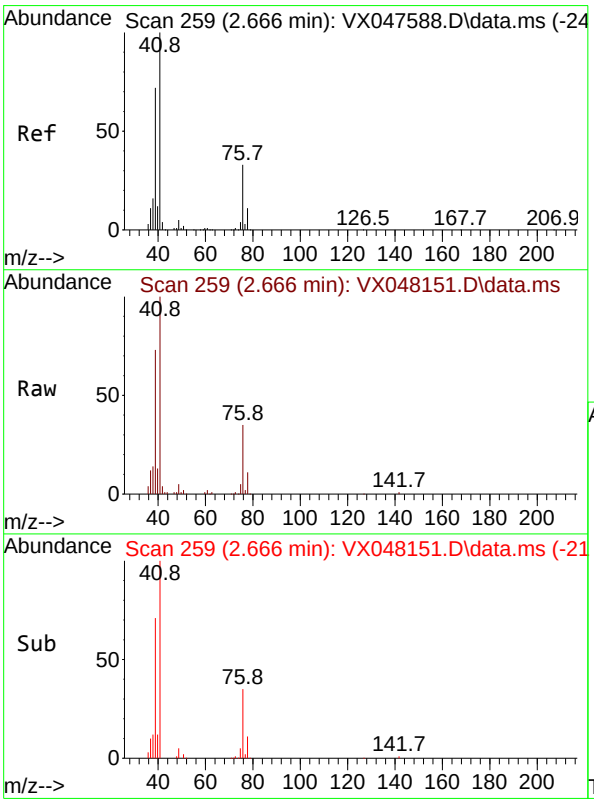
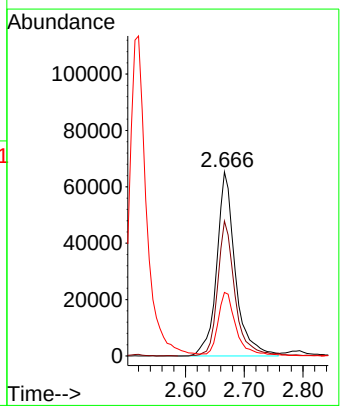
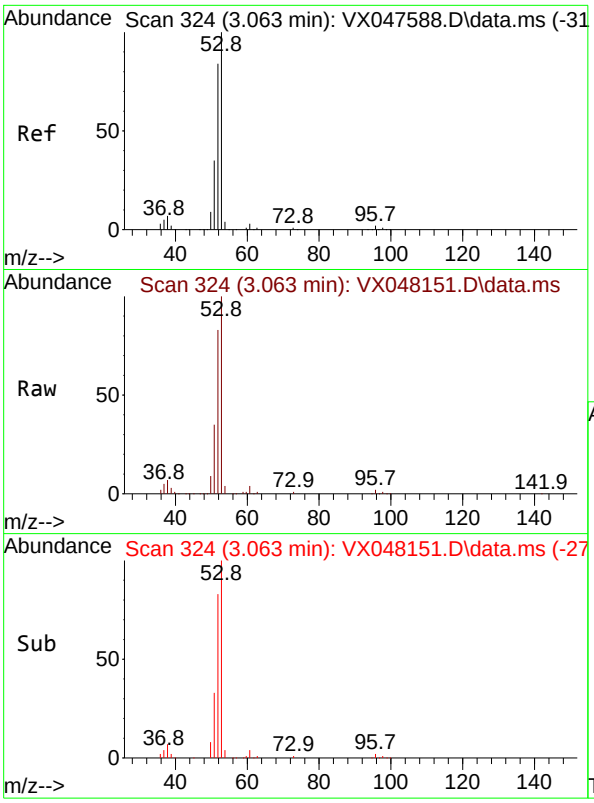


#14
Allyl chloride
Concen: 50.193 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 41 Resp: 143272

Ion	Ratio	Lower	Upper
41	100		
39	68.9	54.7	82.1
76	34.3	25.7	38.5

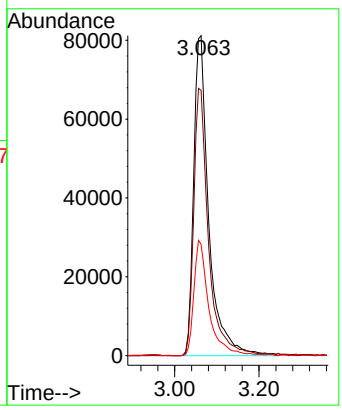




#15
Acrylonitrile
Concen: 264.713 ug/l
RT: 3.063 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 53 Resp: 20237

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.4	99.6
51	36.0	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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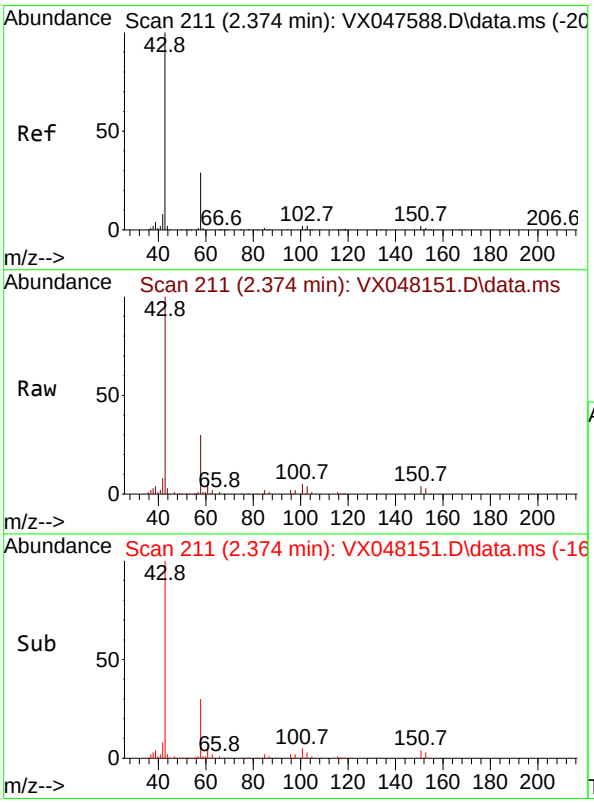
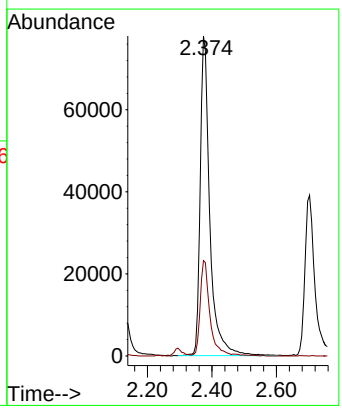
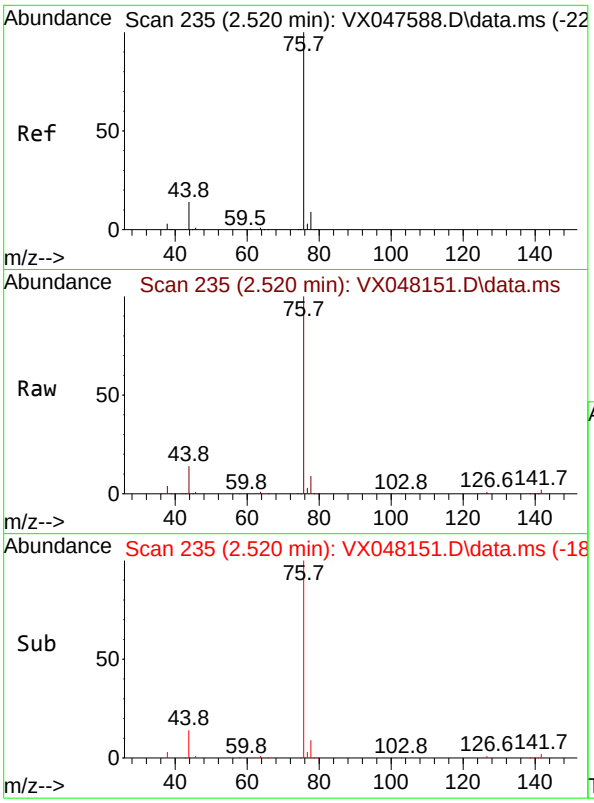


#16
Acetone
Concen: 199.337 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 160622

Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.4	35.0





#17
Carbon Disulfide
Concen: 59.130 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 76 Resp: 22391

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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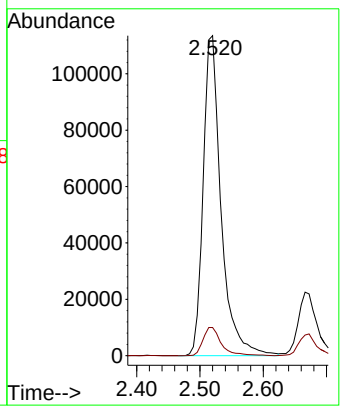
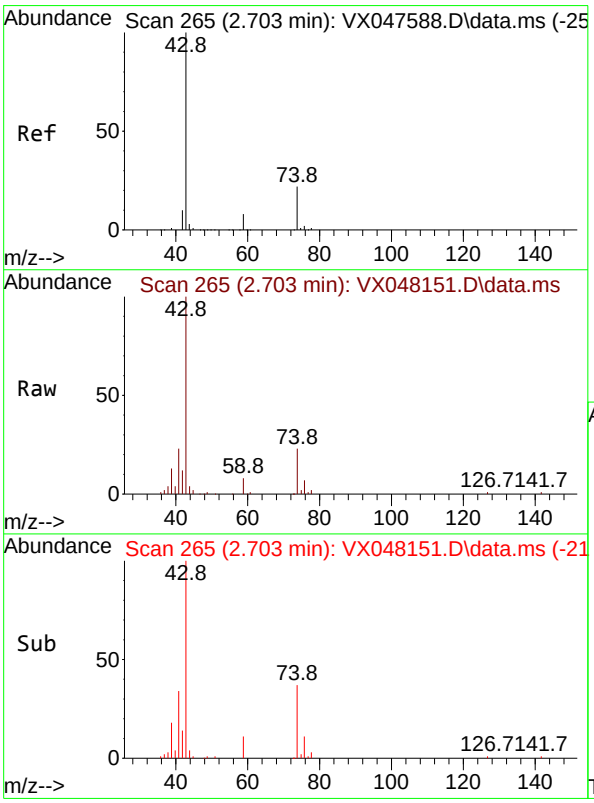
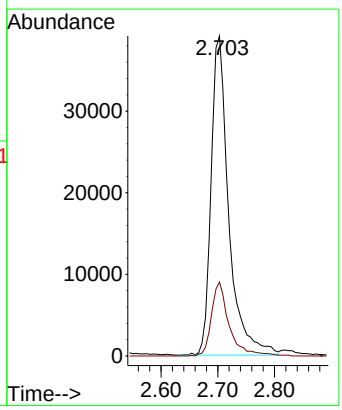


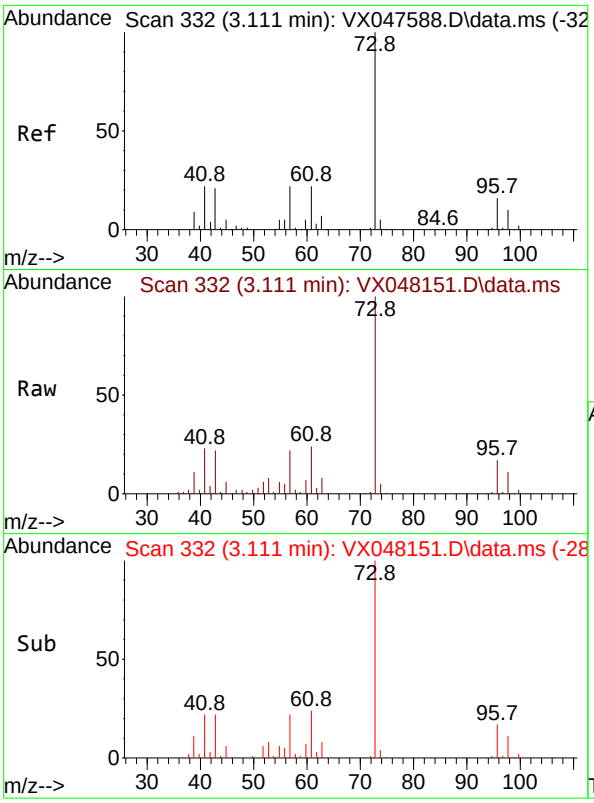


#18
Methyl Acetate
Concen: 47.114 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 84487

Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.4	26.2





#19
Methyl tert-butyl Ether
Concen: 53.207 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 73 Resp: 26866

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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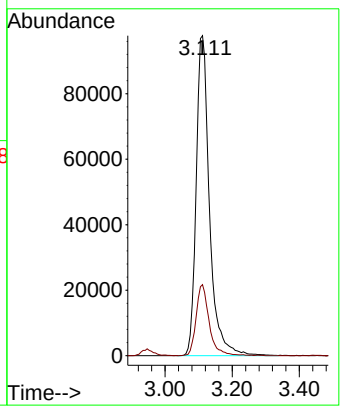
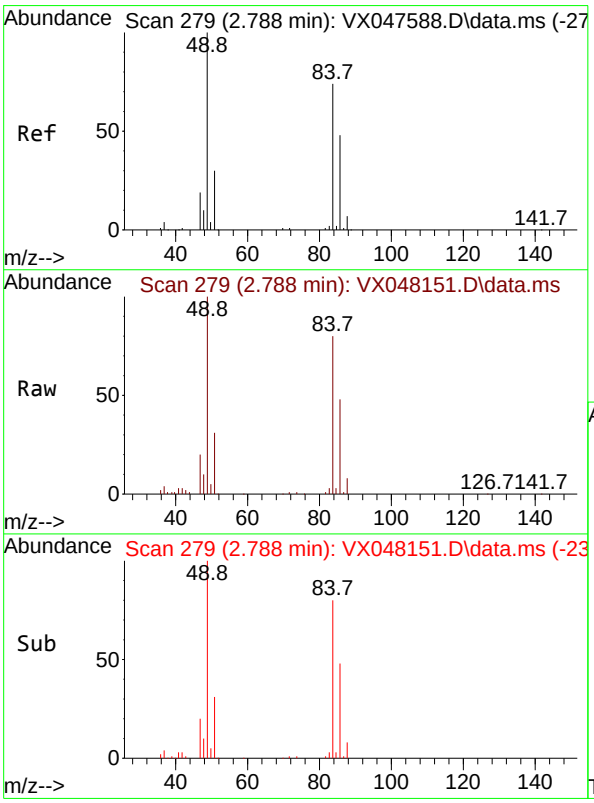
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

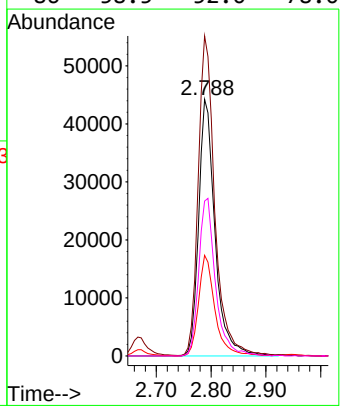


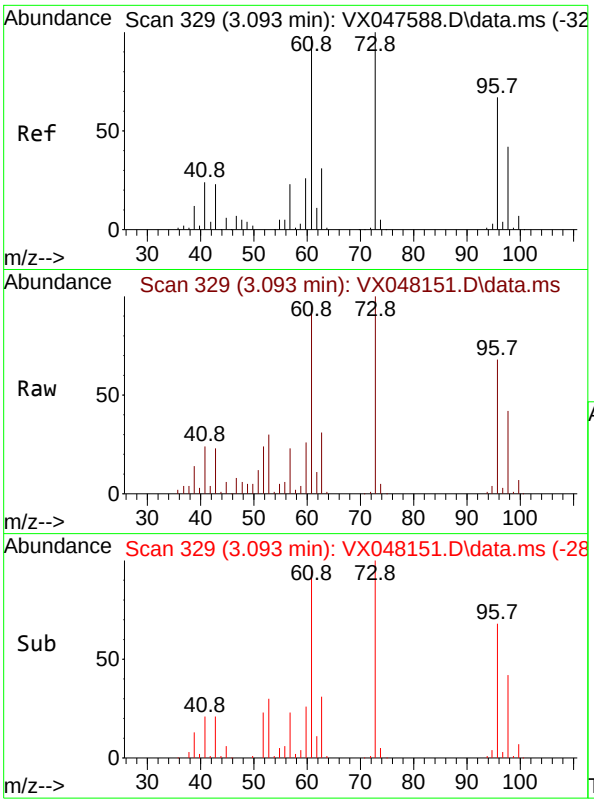


#20
Methylene Chloride
Concen: 54.010 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 84 Resp: 92121

Ion	Ratio	Lower	Upper
84	100		
49	120.6	108.6	162.8
51	38.0	32.6	48.8
86	58.5	52.0	78.0





#21
trans-1,2-Dichloroethene
Concen: 55.356 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 96 Resp: 8243

Ion	Ratio	Lower	Upper
96	100		
61	139.7	116.2	174.2
98	61.7	49.3	73.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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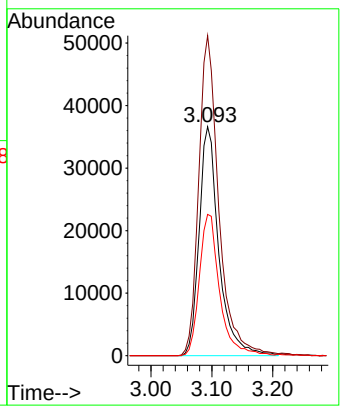
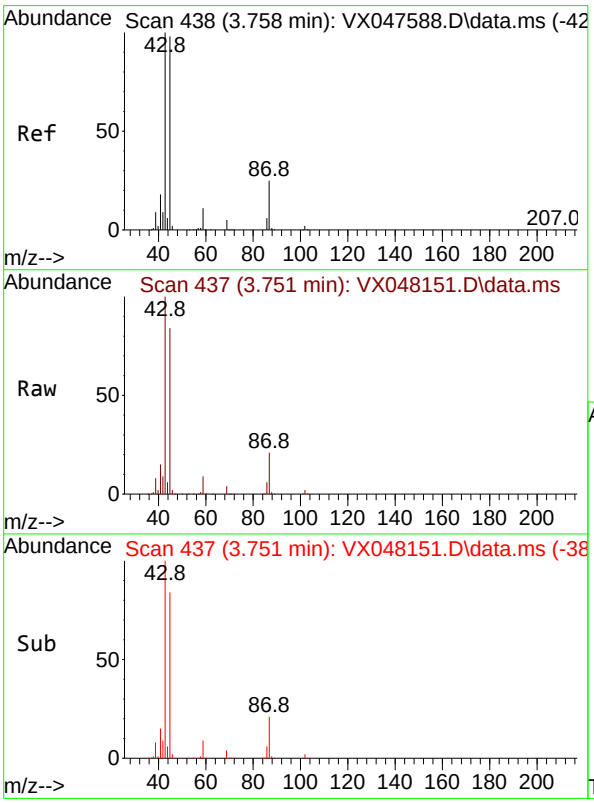
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

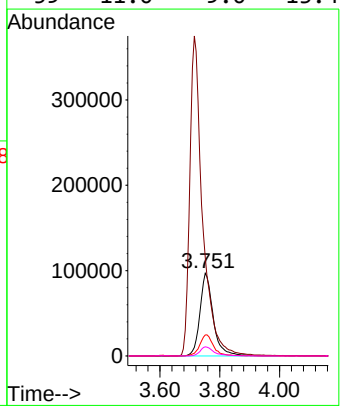


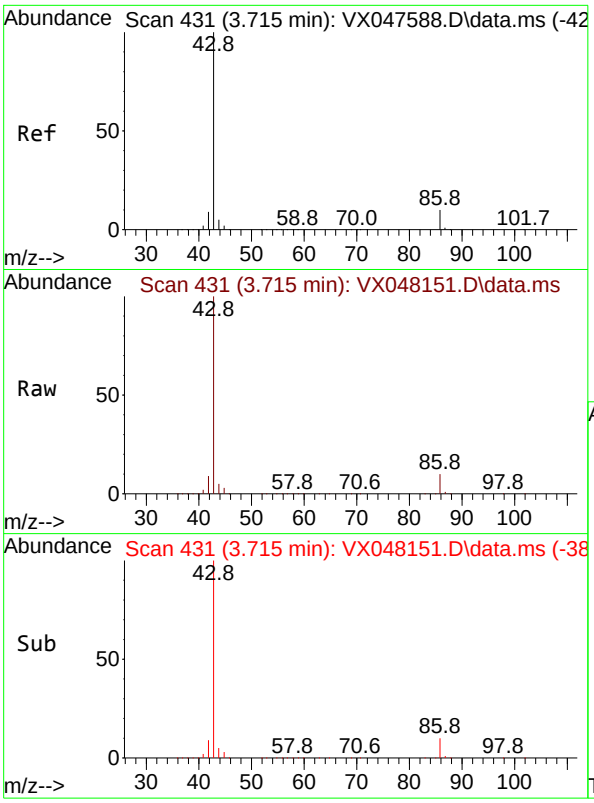


#22
Diisopropyl ether
Concen: 54.176 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 45 Resp: 299698

Ion	Ratio	Lower	Upper
45	100		
43	119.3	81.0	121.4
87	25.4	20.3	30.5
59	11.0	9.0	13.4





#23
Vinyl Acetate
Concen: 252.641 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 111855

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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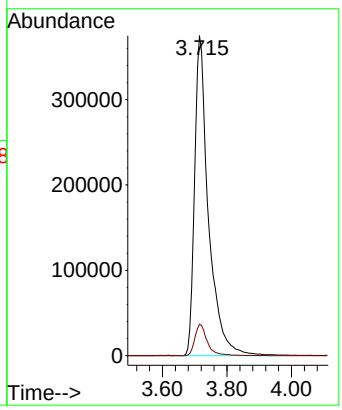
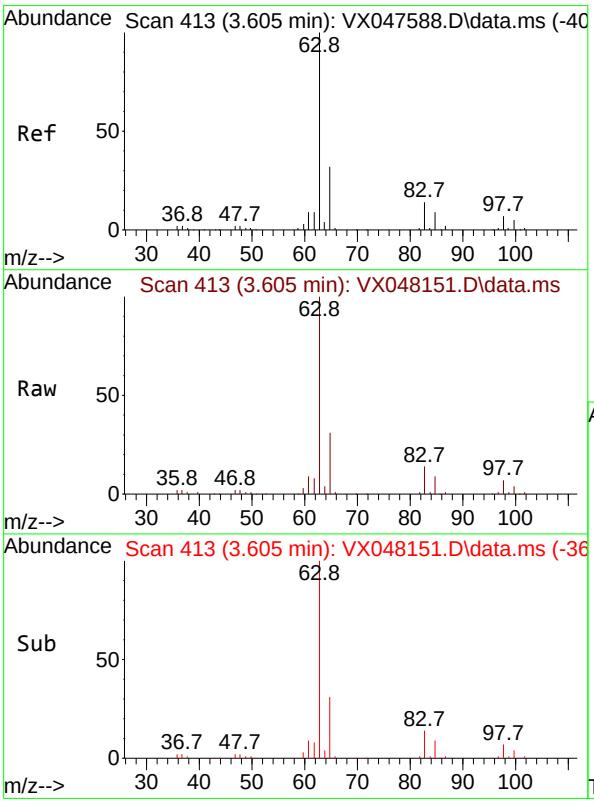
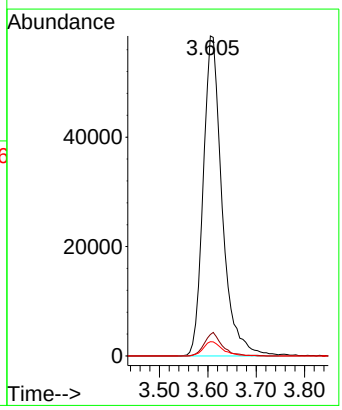


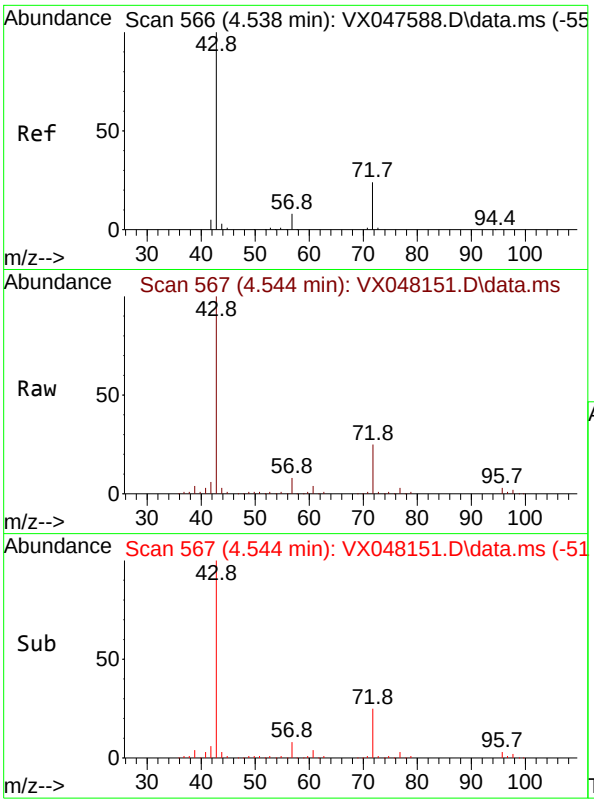


#24
1,1-Dichloroethane
Concen: 54.001 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 63 Resp: 158777

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.4	2.3	6.9





#25
2-Butanone
Concen: 236.205 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 23741

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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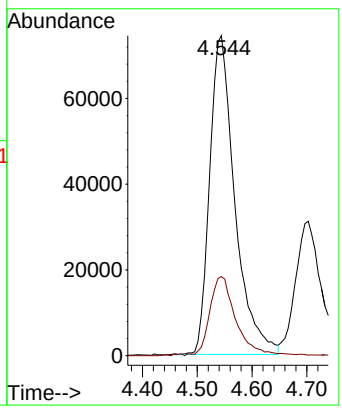
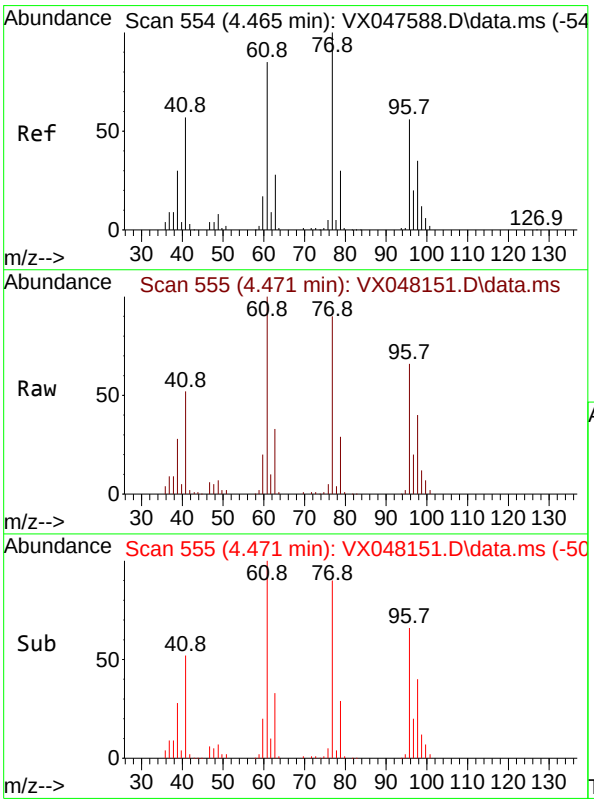
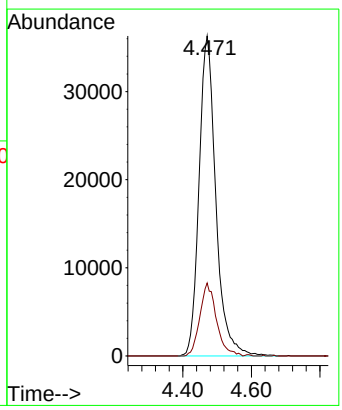


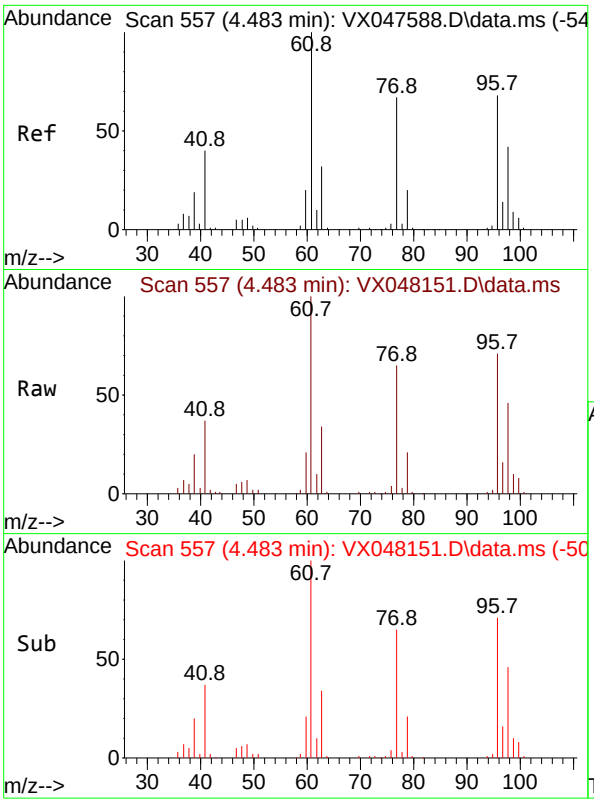


#26
2,2-Dichloropropane
Concen: 50.678 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 77 Resp: 123863

Ion	Ratio	Lower	Upper
77	100		
97	22.4	10.9	32.7

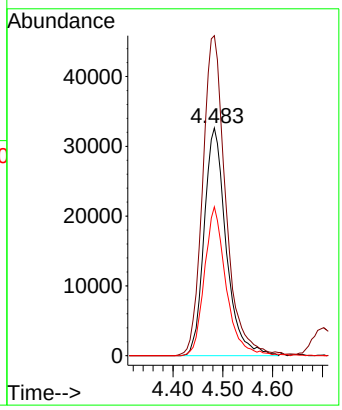




#27
cis-1,2-Dichloroethene
Concen: 54.800 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 96 Resp: 9994

Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	303.2
98	64.2	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Reviewed By :John Carlone 10/14/2025
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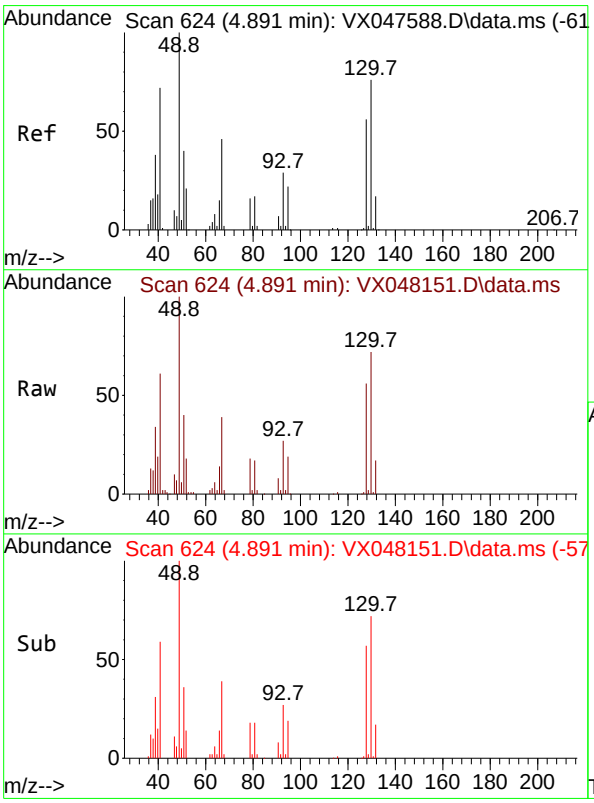
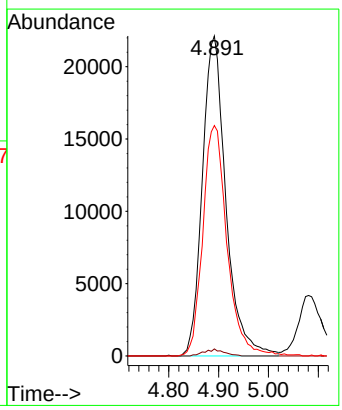
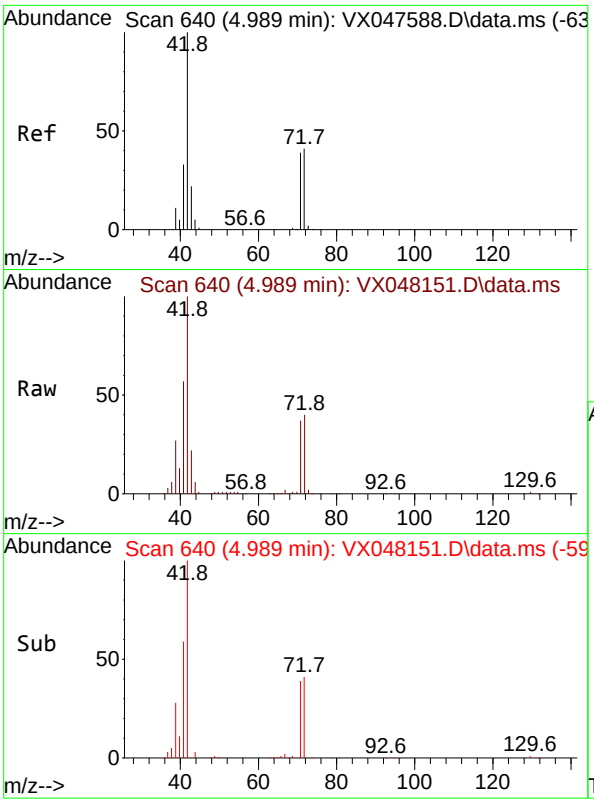


#28
Bromochloromethane
Concen: 56.572 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 49 Resp: 72617

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	74.0	57.8	86.8

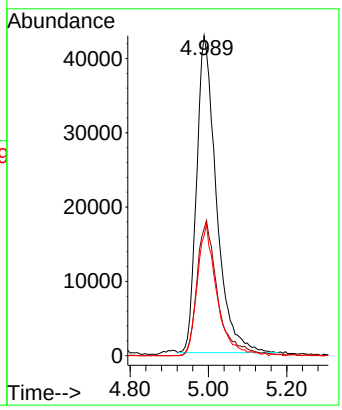




#29
Tetrahydrofuran
Concen: 247.143 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 42 Resp: 14943

Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.2	51.2
71	41.0	31.9	47.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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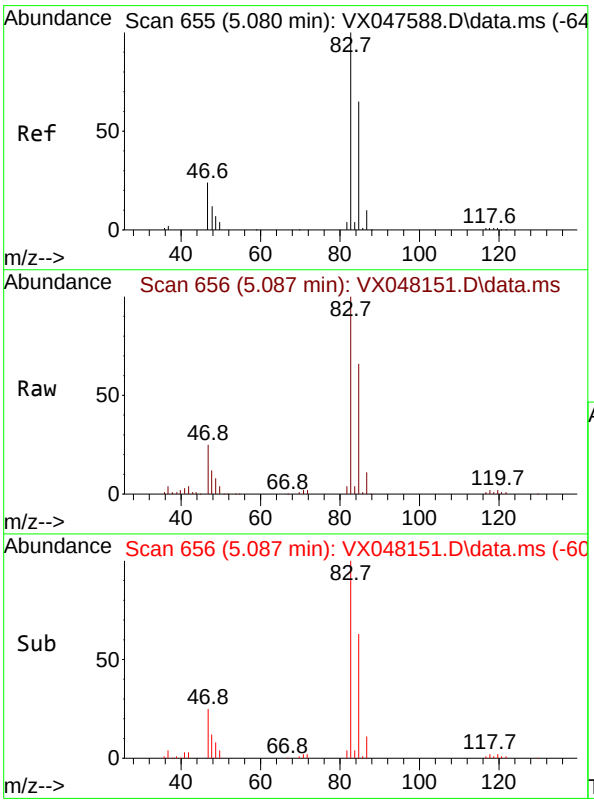
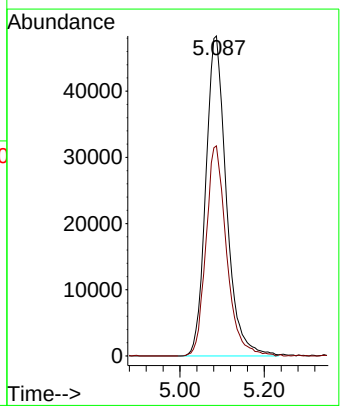
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

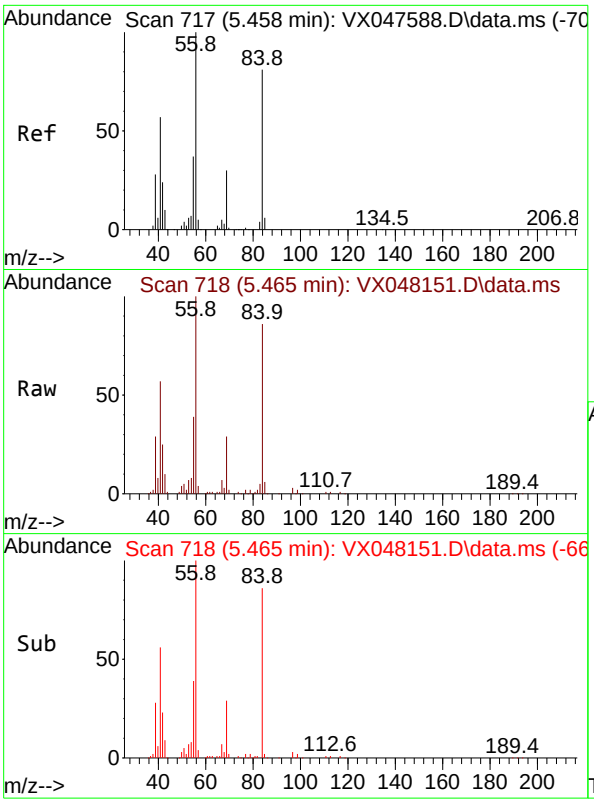


#30
Chloroform
Concen: 55.163 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 83 Resp: 163902

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6

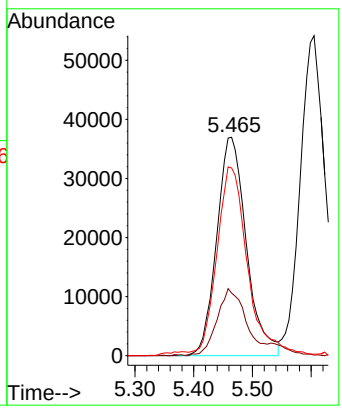




#31
Cyclohexane
Concen: 52.880 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 56 Resp: 12949

Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.8	35.8
84	84.3	64.6	97.0



Instrument :
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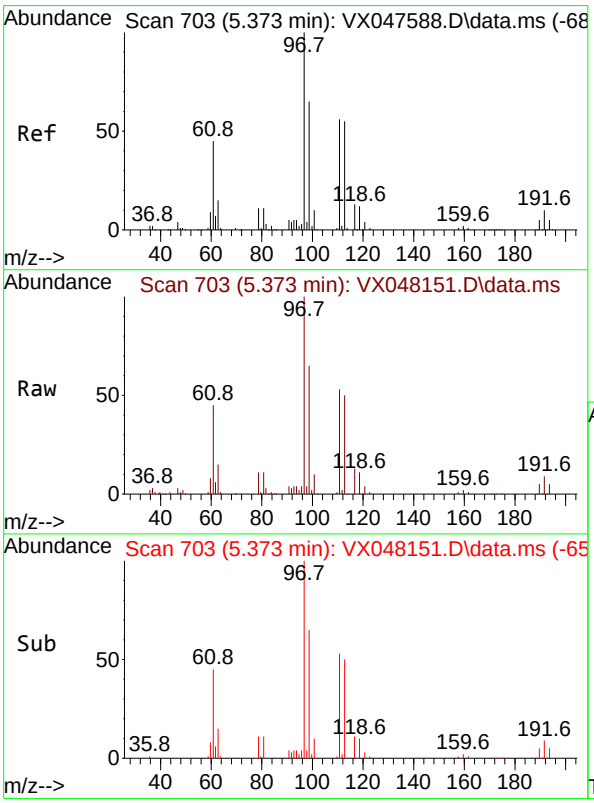
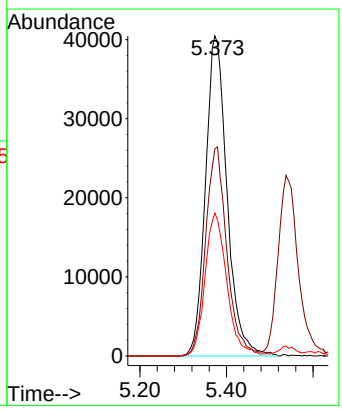
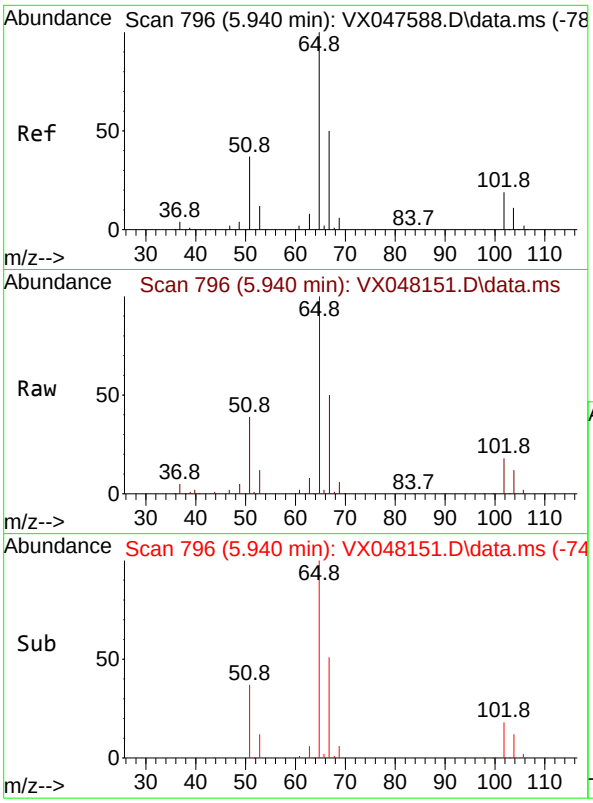


#32
1,1,1-Trichloroethane
Concen: 55.569 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 97 Resp: 140046

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	76.0
61	45.1	35.8	53.8

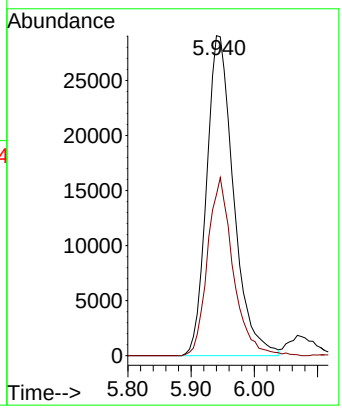




#33
1,2-Dichloroethane-d4
Concen: 46.374 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 65 Resp: 8594

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.0



Instrument :
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ClientSampleId :
VSTDCCC050EC

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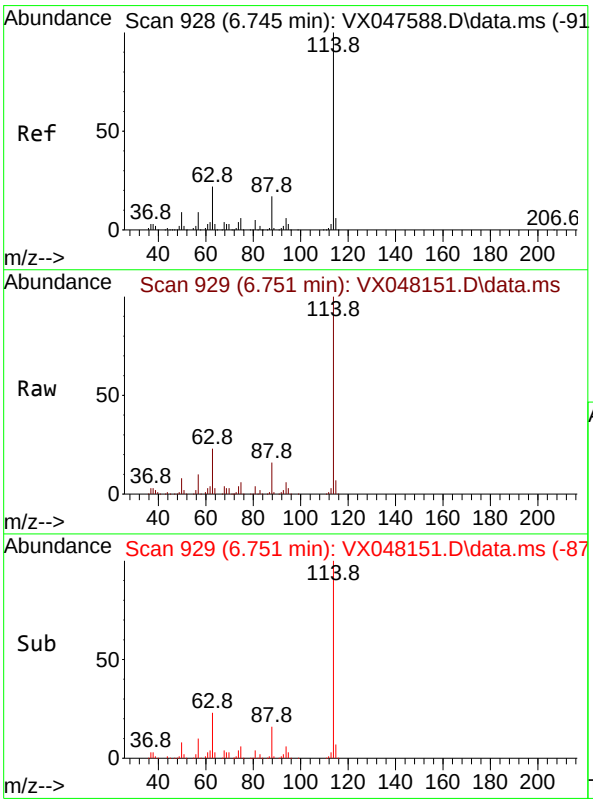
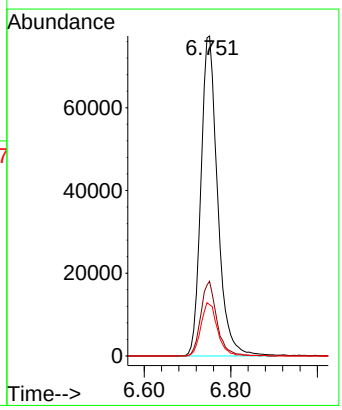
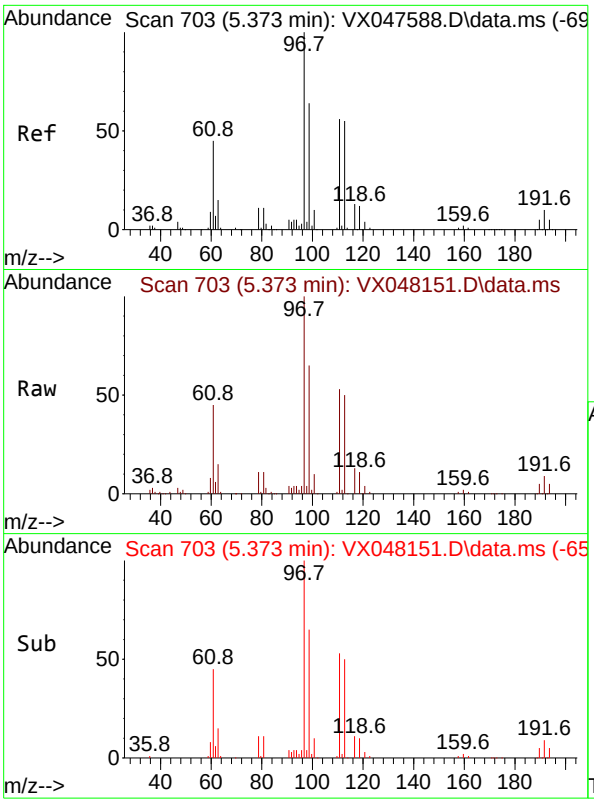


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:114 Resp: 206286

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	44.0
88	16.0	0.0	34.2

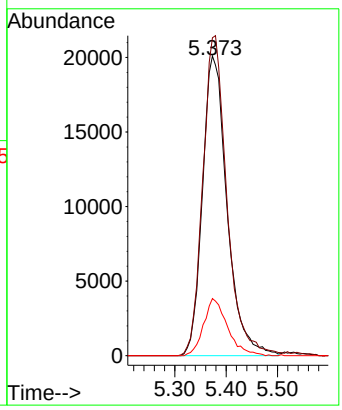




#35
Dibromofluoromethane
Concen: 48.287 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:113 Resp: 6680

Ion	Ratio	Lower	Upper
113	100		
111	104.9	80.9	121.3
192	18.6	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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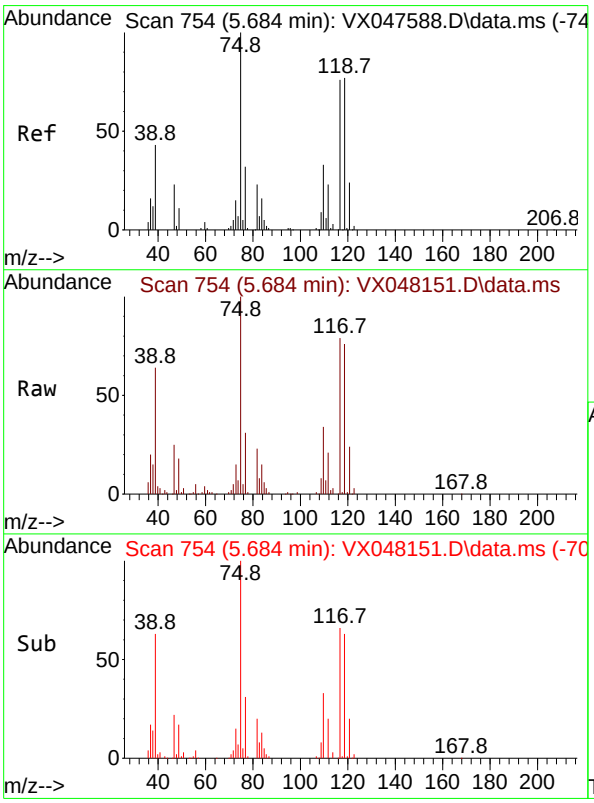
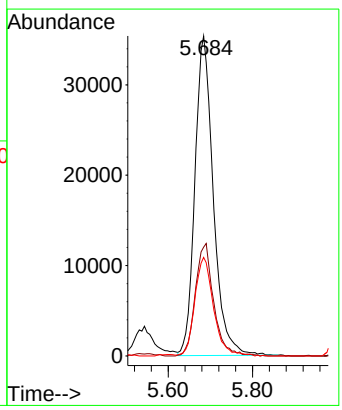
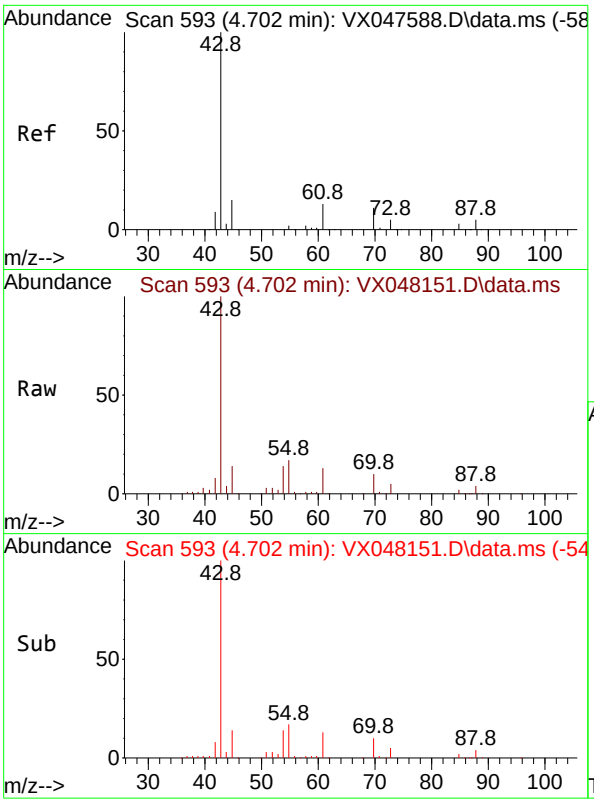


#36
1,1-Dichloropropene
Concen: 53.115 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 107376

Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.1
77	31.5	24.3	36.5





#37
Ethyl Acetate
Concen: 48.261 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 10446

Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.8	14.8
70	10.2	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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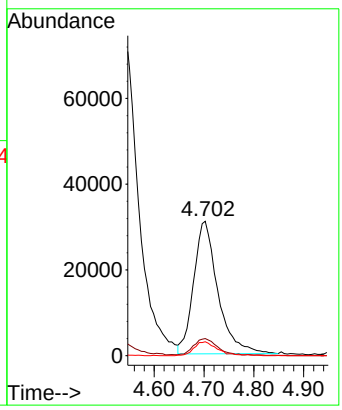
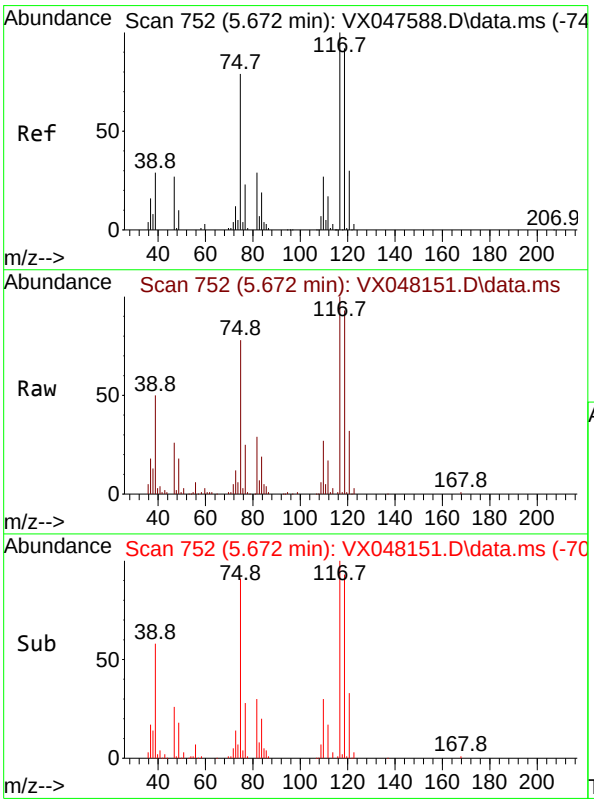
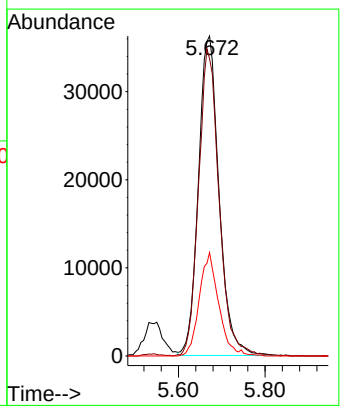


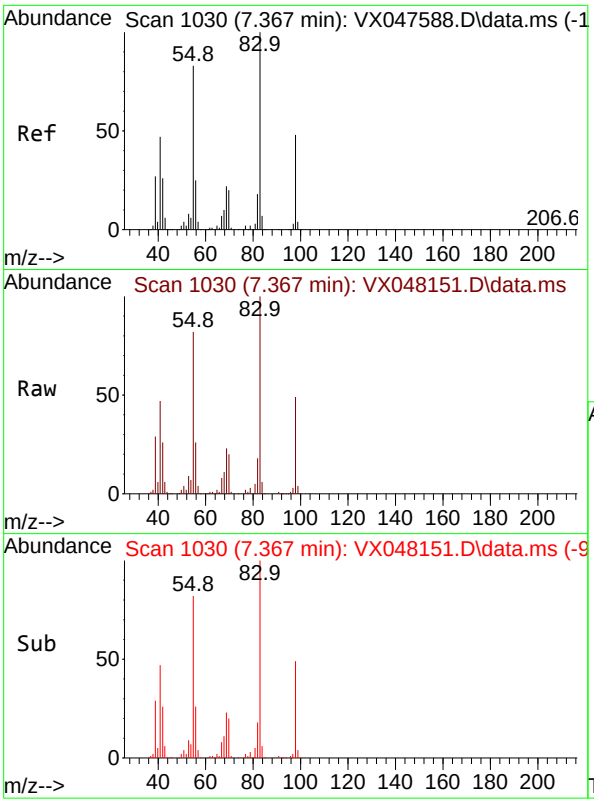


#38
Carbon Tetrachloride
Concen: 54.638 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:117 Resp: 120011

Ion	Ratio	Lower	Upper
117	100		
119	92.9	73.4	110.2
121	32.3	23.8	35.6





#39
Methylcyclohexane
Concen: 54.569 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 83 Resp: 12522

Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.4	99.6
98	48.6	38.1	57.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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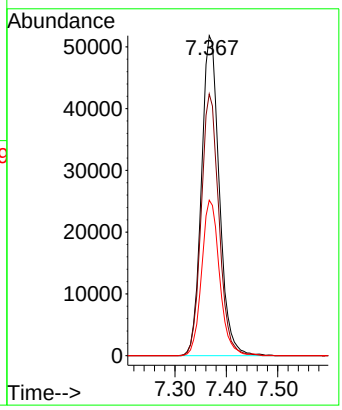
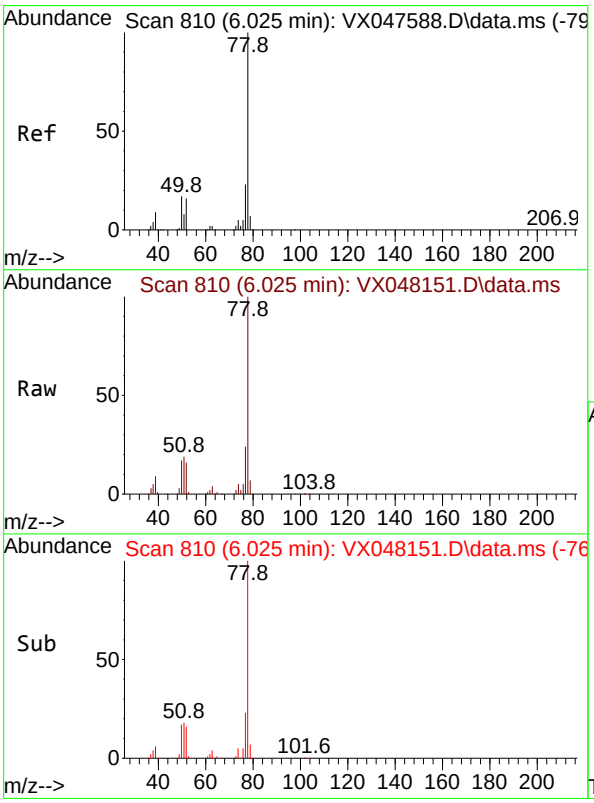
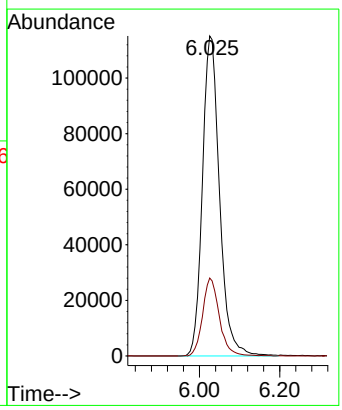


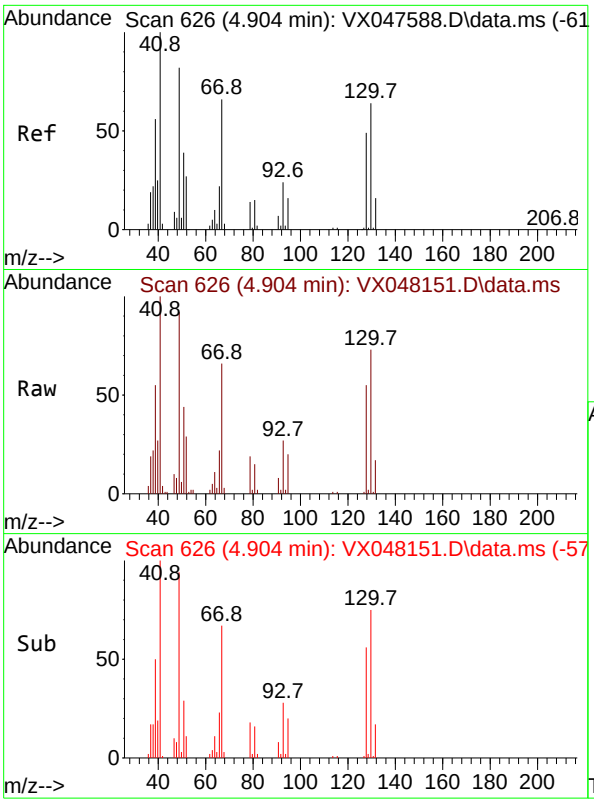


#40
Benzene
Concen: 55.471 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 78 Resp: 340597

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2

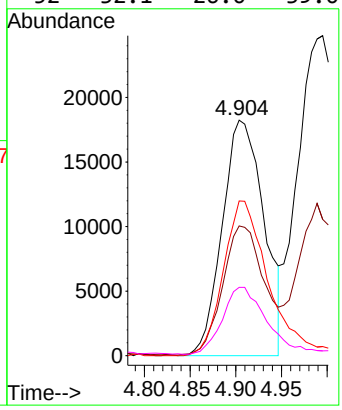




#41
Methacrylonitrile
Concen: 51.961 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 41 Resp: 5806

Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.3	64.9
67	72.2	58.6	87.8
52	32.1	26.0	39.0



Instrument :
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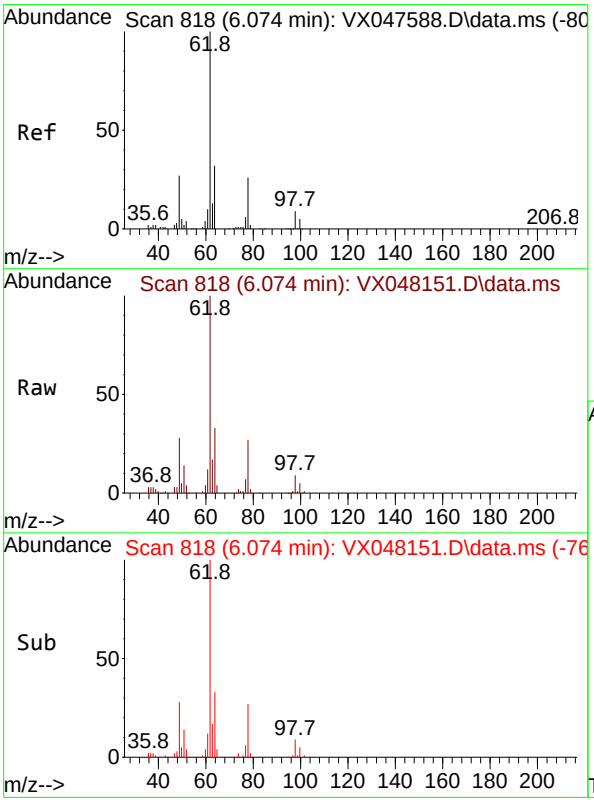
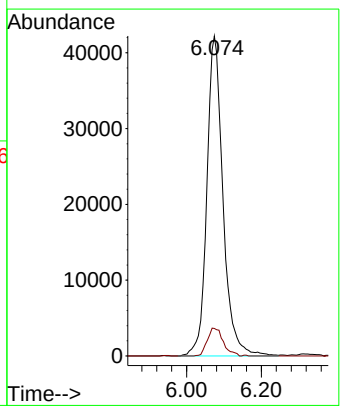
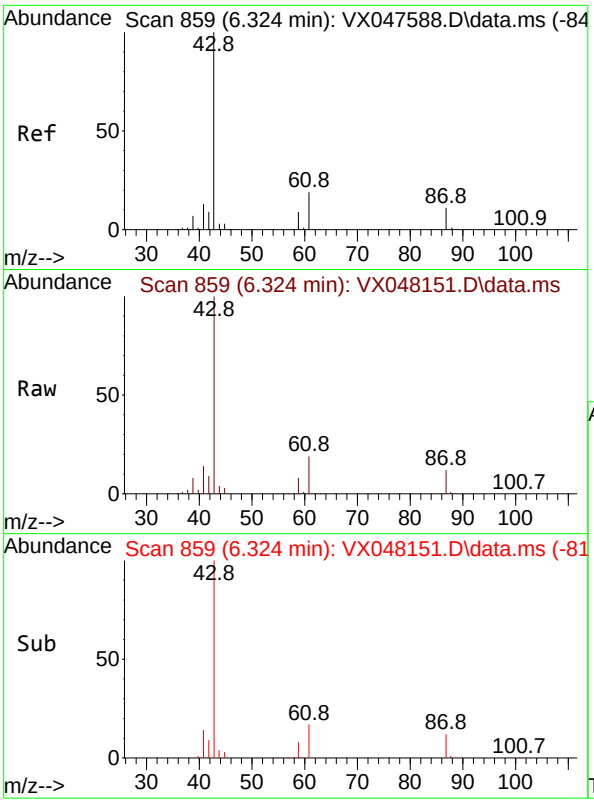


#42
1,2-Dichloroethane
Concen: 54.137 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 62 Resp: 126475

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0

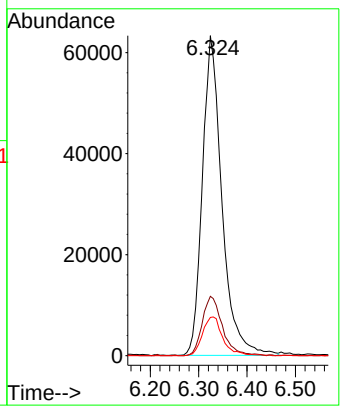




#43
Isopropyl Acetate
Concen: 50.130 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 17795

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.6	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
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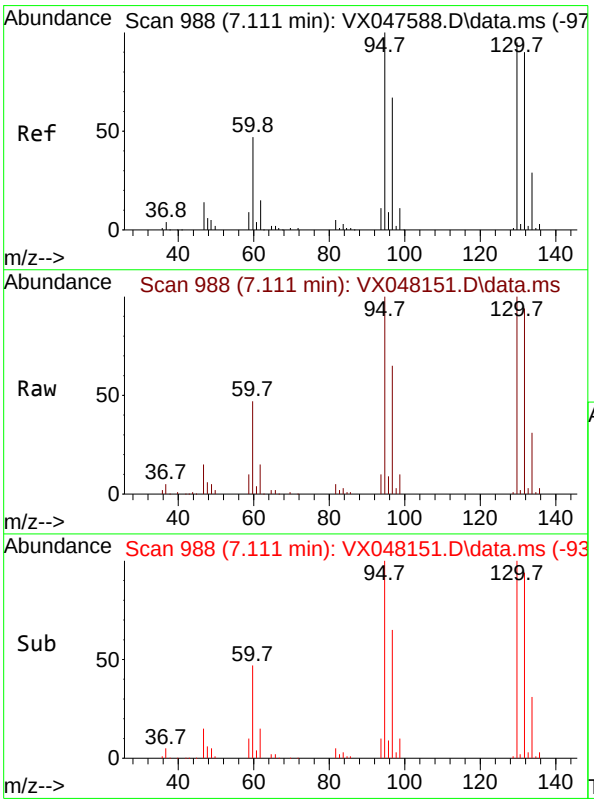
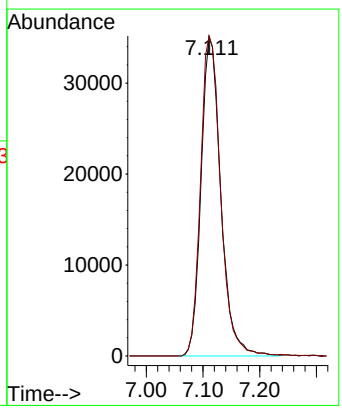
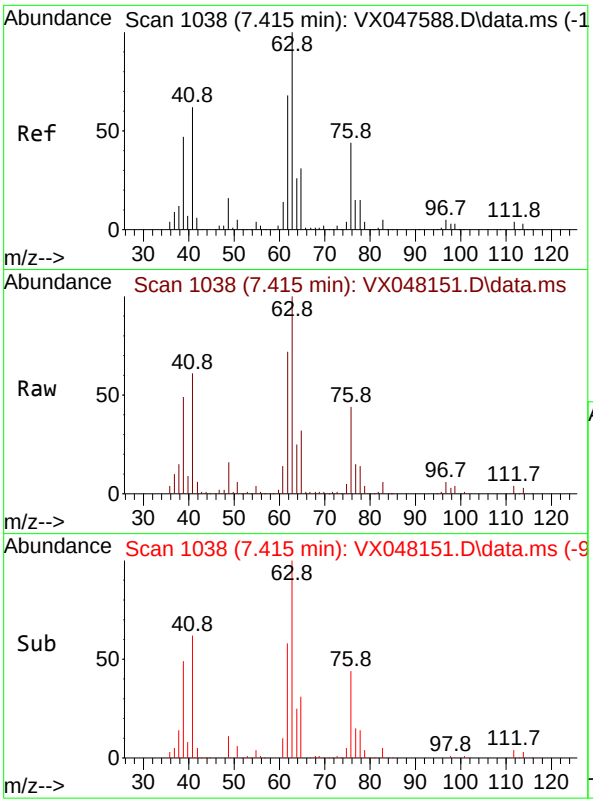


#44
Trichloroethene
Concen: 57.022 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:130 Resp: 84645

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	210.8

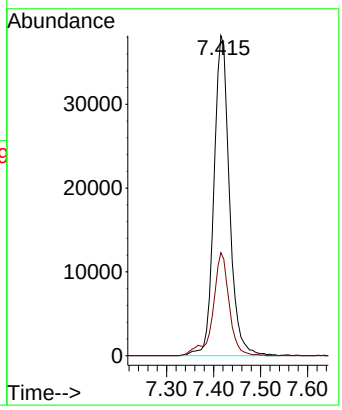




#45
1,2-Dichloropropane
Concen: 55.794 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 63 Resp: 8772

Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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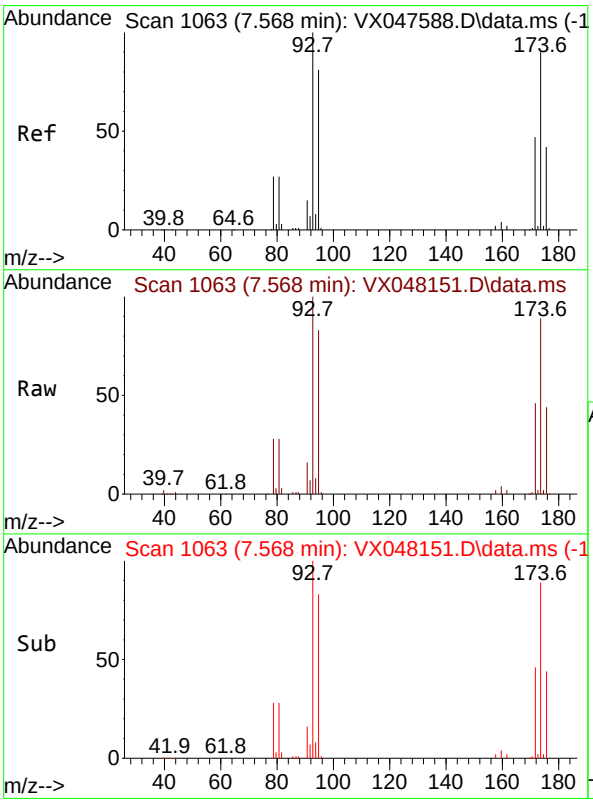
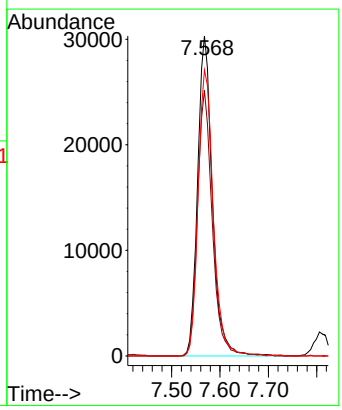
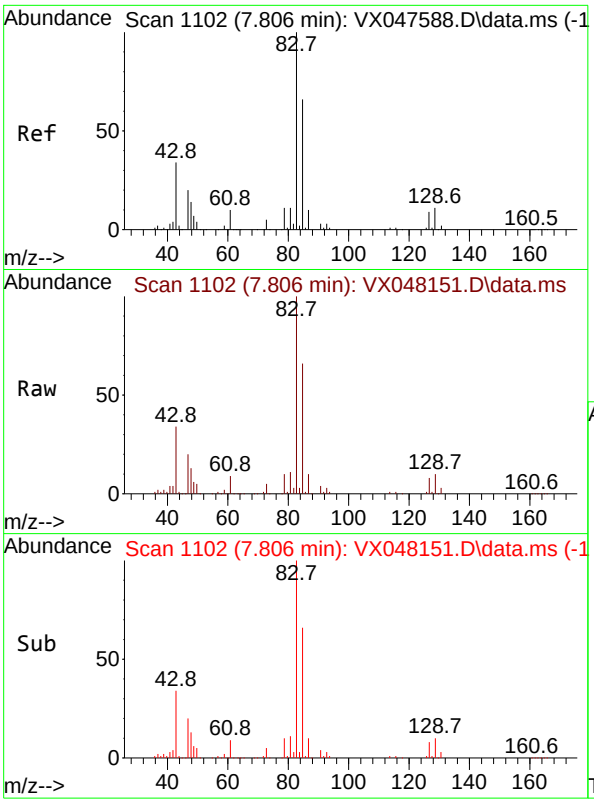


#46
Dibromomethane
Concen: 55.970 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 93 Resp: 64036

Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.0	97.6
174	92.1	71.6	107.4

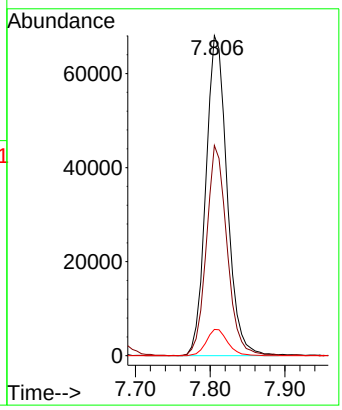




#47
Bromodichloromethane
Concen: 56.806 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 83 Resp: 13411

Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.5	78.7
127	8.2	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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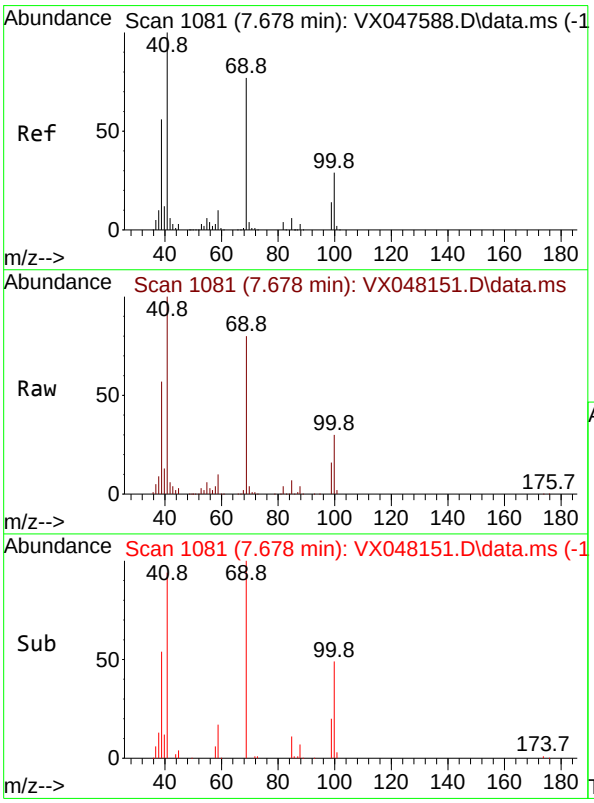
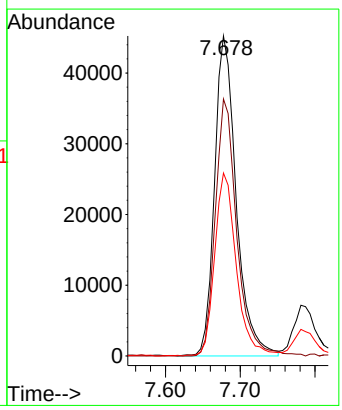
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

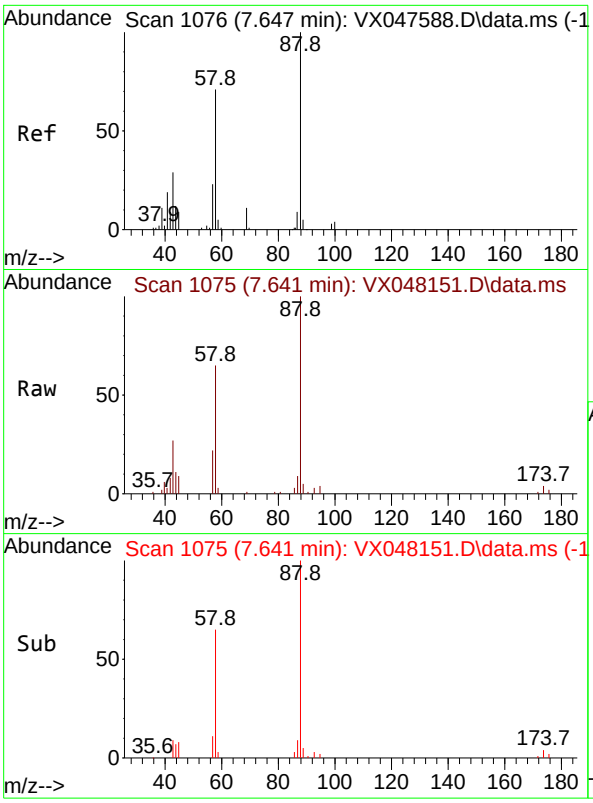


#48
Methyl methacrylate
Concen: 51.684 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 41 Resp: 91392

Ion	Ratio	Lower	Upper
41	100		
69	79.7	61.4	92.2
39	57.1	45.8	68.6

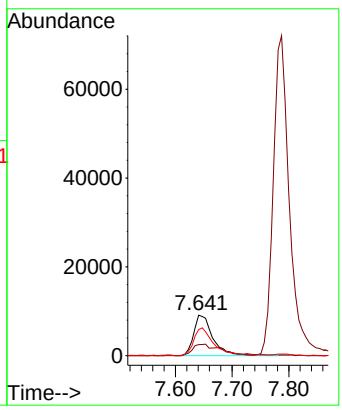




#49
1,4-Dioxane
Concen: 1223.595 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 88 Resp: 2186

Ion	Ratio	Lower	Upper
88	100		
43	39.5	30.2	45.2
58	68.7	59.5	89.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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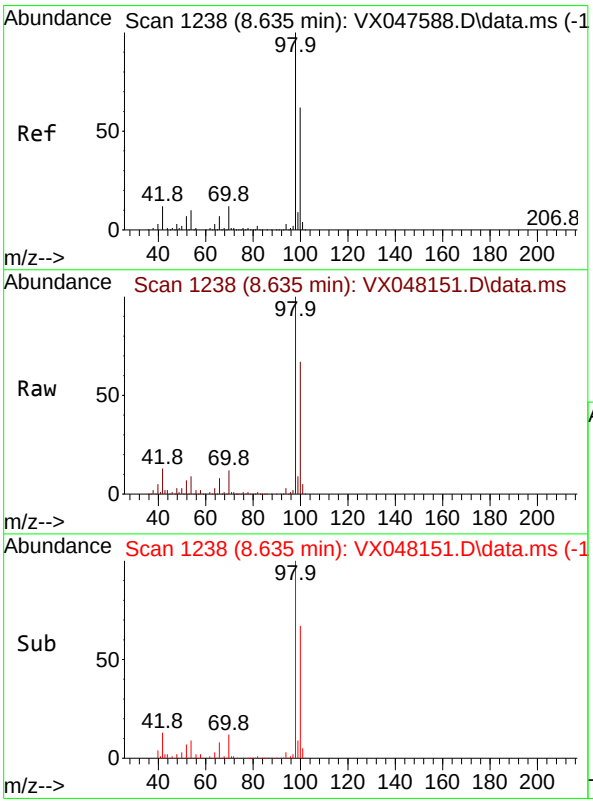
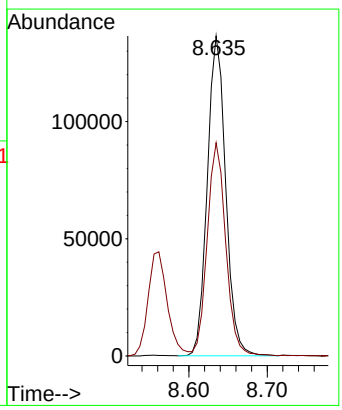
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

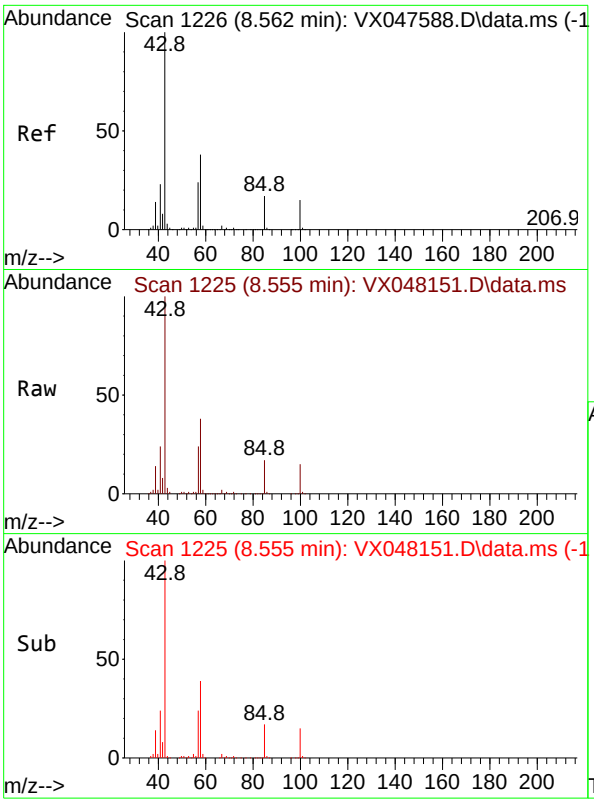


#50
Toluene-d8
Concen: 46.467 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 98 Resp: 222442

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4

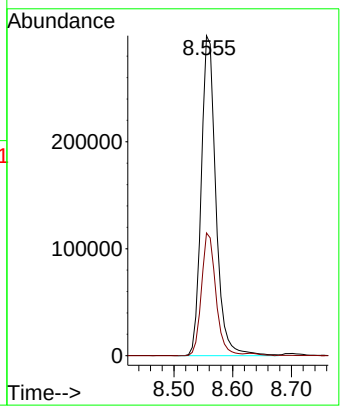




#51
4-Methyl-2-Pentanone
Concen: 264.050 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 51971

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5



Instrument :
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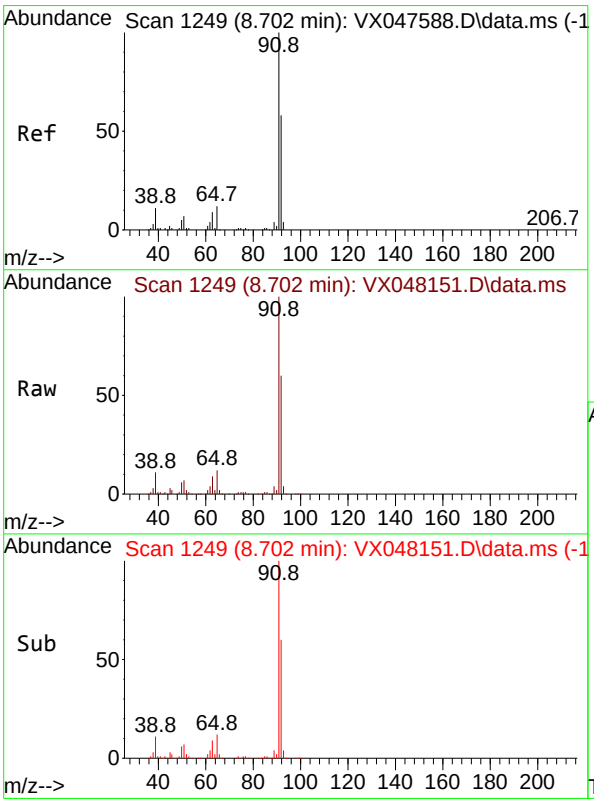
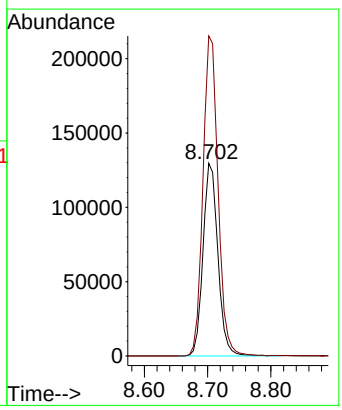
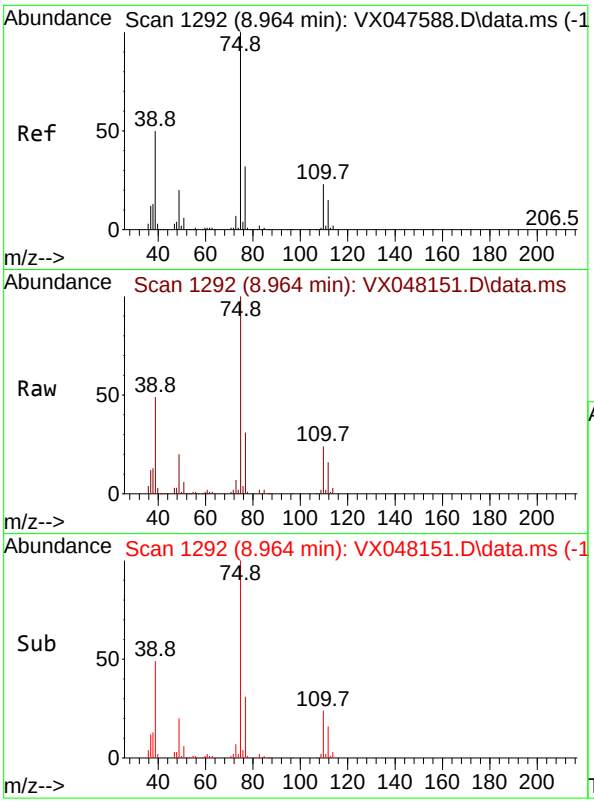


#52
Toluene
Concen: 56.100 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 92 Resp: 212219

Ion	Ratio	Lower	Upper
92	100		
91	168.4	137.1	205.7

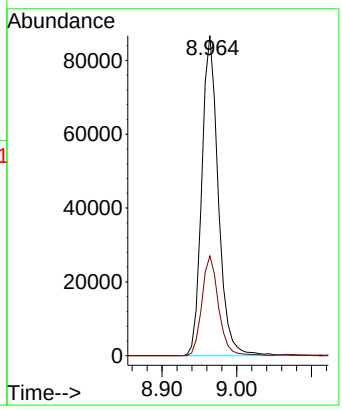




#53
t-1,3-Dichloropropene
Concen: 55.226 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 13299

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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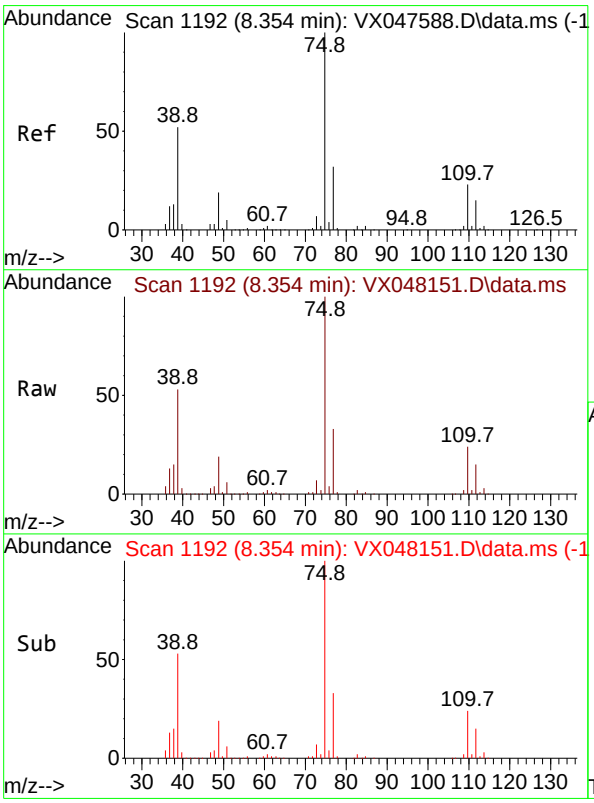
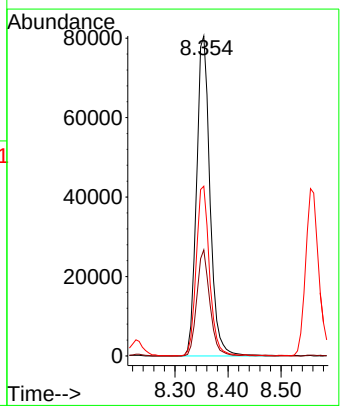
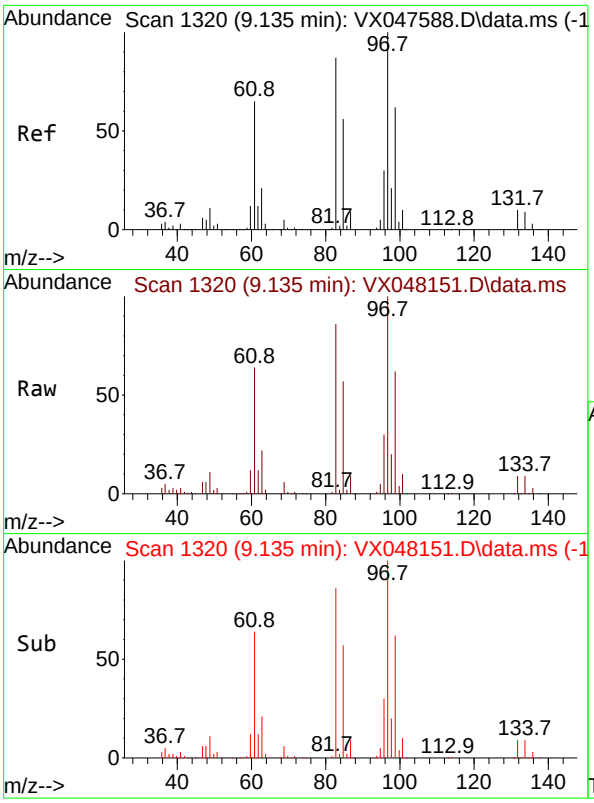


#54
cis-1,3-Dichloropropene
Concen: 55.148 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 141949

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.8	38.6
39	53.0	41.4	62.2

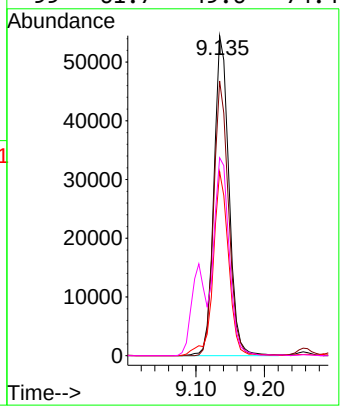




#55
1,1,2-Trichloroethane
Concen: 56.718 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 97 Resp: 8273

Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.6	104.4
85	57.5	45.0	67.6
99	61.7	49.6	74.4



Instrument :
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ClientSampleId :
VSTDCCC050EC

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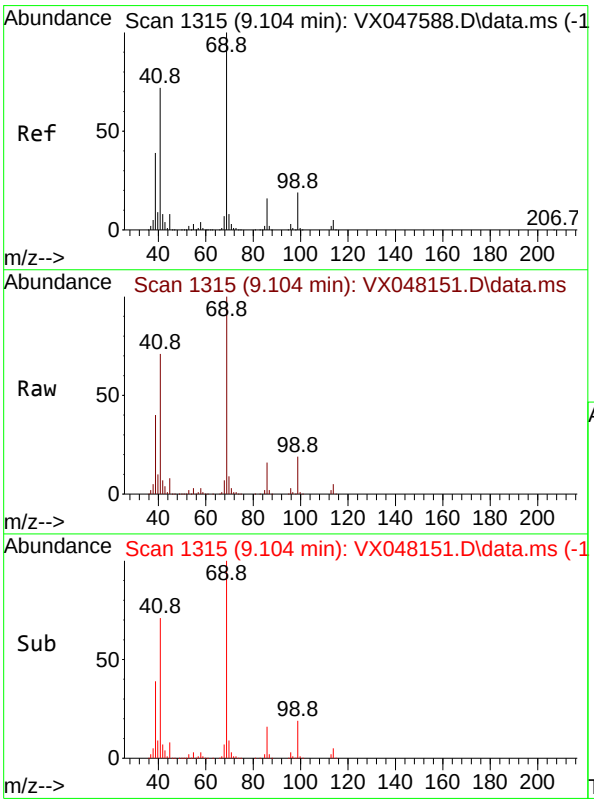
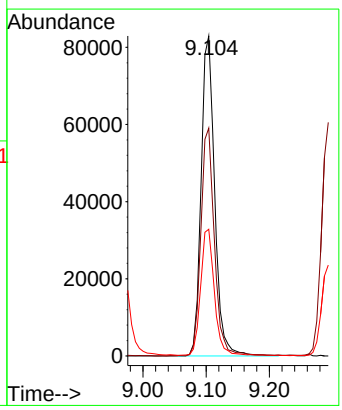
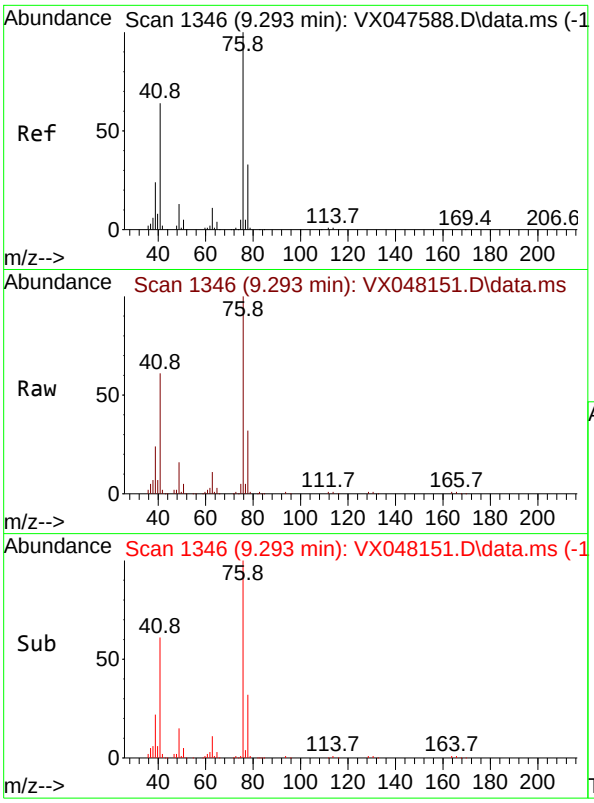


#56
Ethyl methacrylate
Concen: 54.131 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 69 Resp: 124001

Ion	Ratio	Lower	Upper
69	100		
41	71.6	58.6	87.8
39	39.9	31.5	47.3

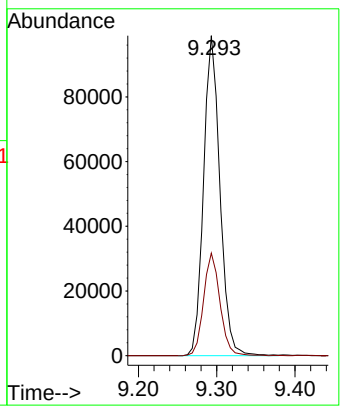




#57
1,3-Dichloropropane
Concen: 57.240 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 76 Resp: 14342

Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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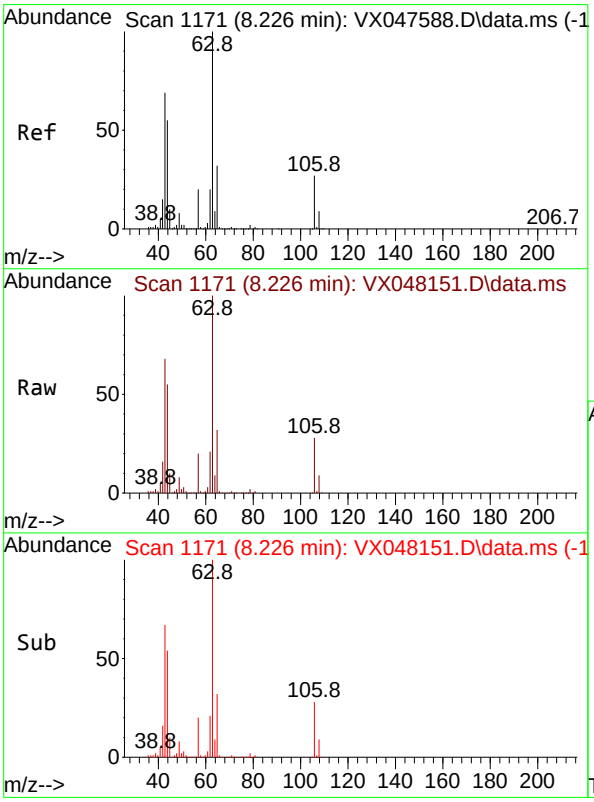
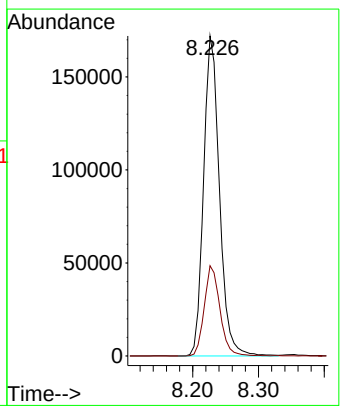
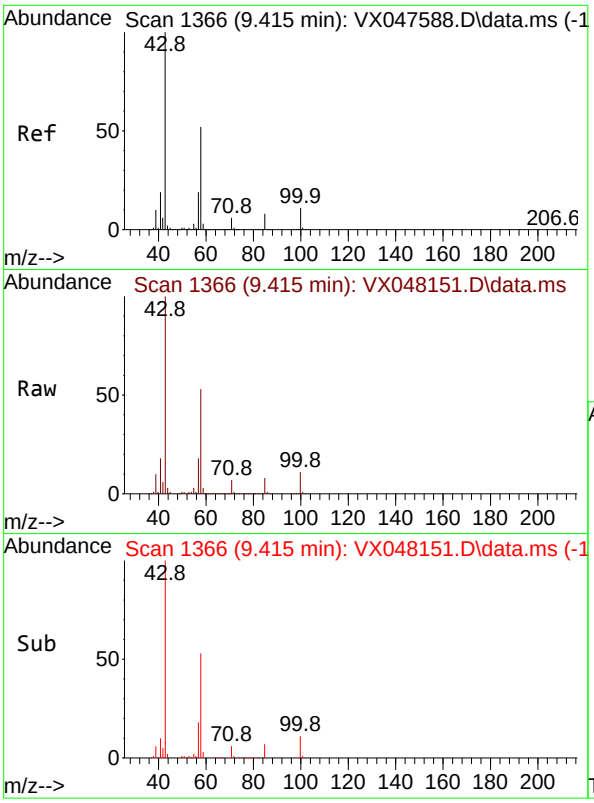


#58
2-Chloroethyl Vinyl ether
Concen: 263.185 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 63 Resp: 289078

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9

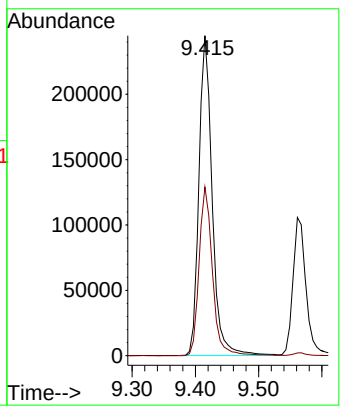




#59
2-Hexanone
Concen: 253.109 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 35779

Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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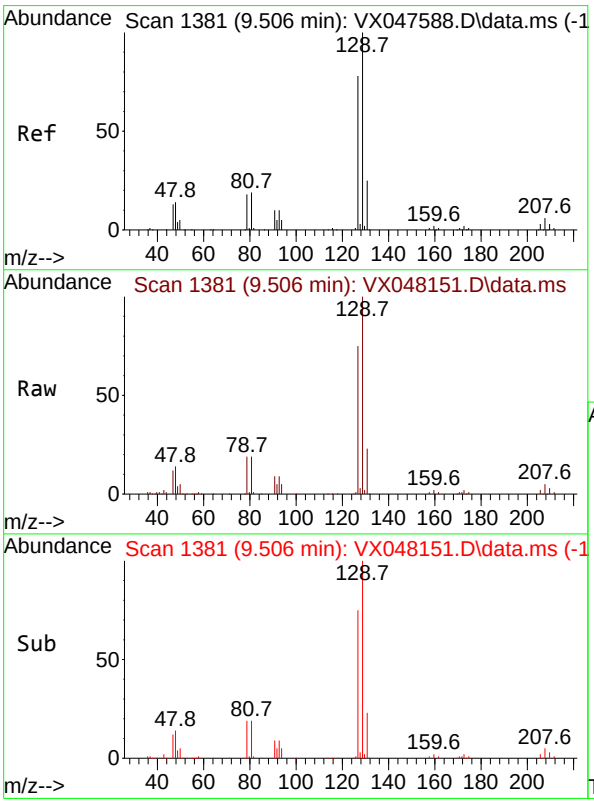
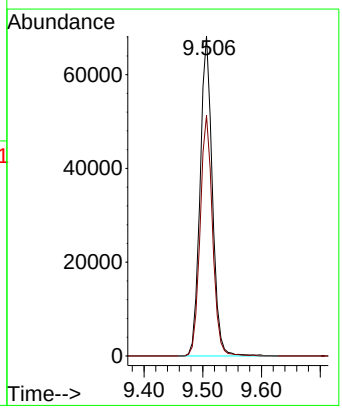
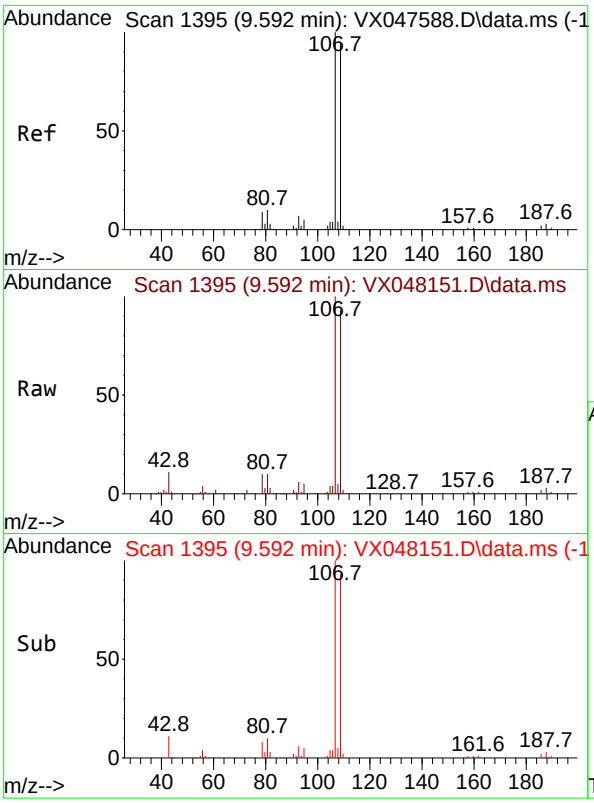


#60
Dibromochloromethane
Concen: 58.796 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:129 Resp: 98818

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.4	115.2

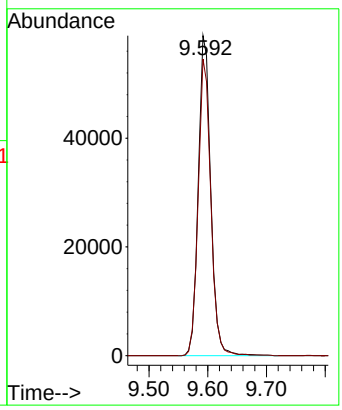




#61
1,2-Dibromoethane
Concen: 58.369 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:107 Resp: 8671

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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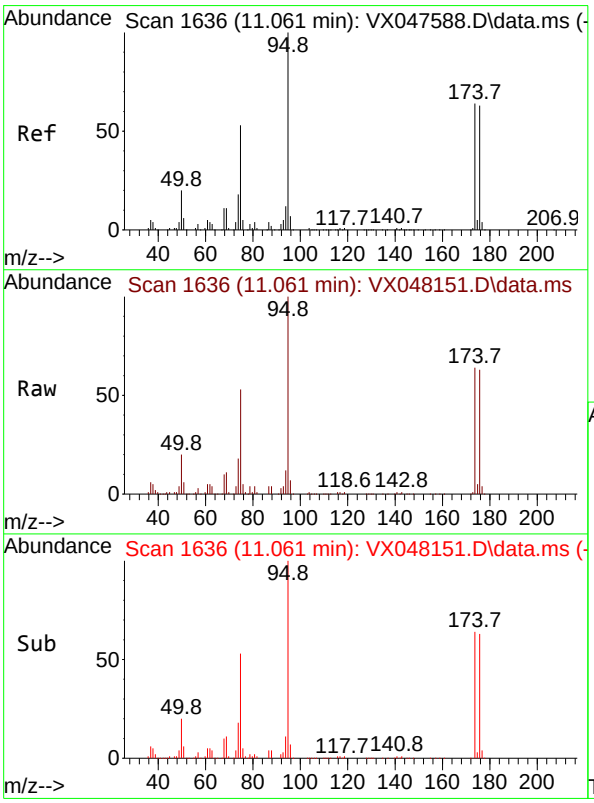
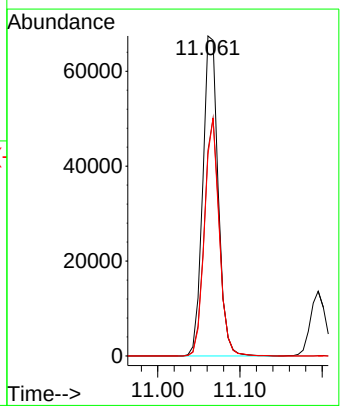
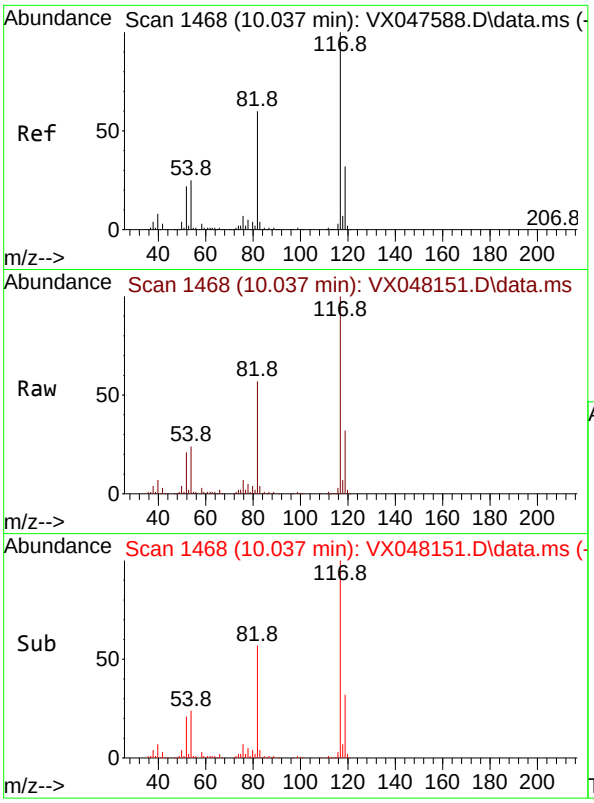


#62
4-Bromofluorobenzene
Concen: 48.371 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 95 Resp: 87879

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	141.6
176	70.8	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: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:117 Resp: 18790

Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.8	71.6
119	31.7	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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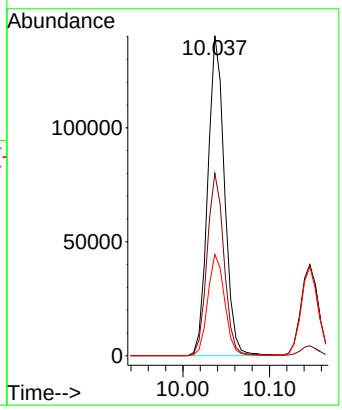
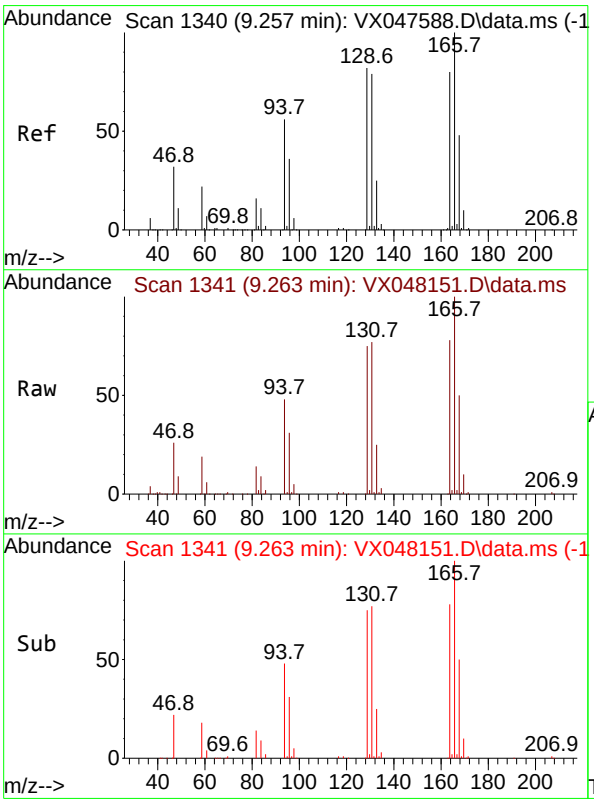
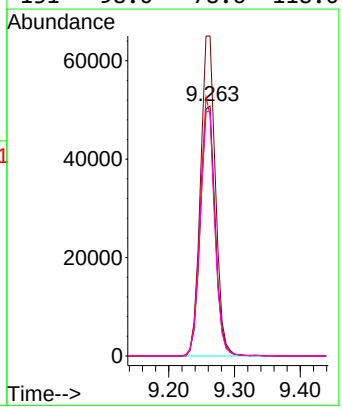


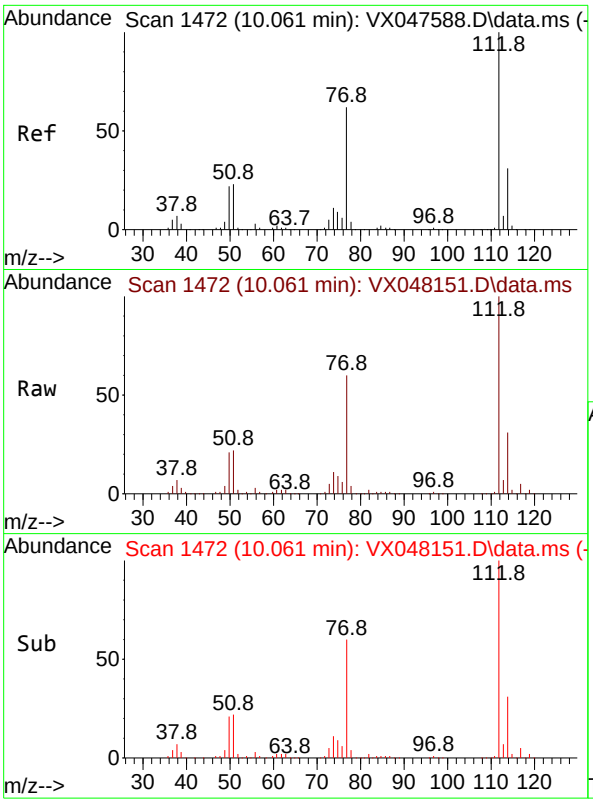


#64
Tetrachloroethene
Concen: 64.719 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:164 Resp: 79276

Ion	Ratio	Lower	Upper
164	100		
166	128.0	100.2	150.2
129	96.2	81.8	122.6
131	98.0	78.6	118.0

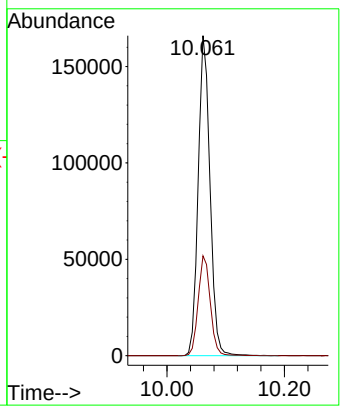




#65
Chlorobenzene
Concen: 54.277 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:112 Resp: 23169

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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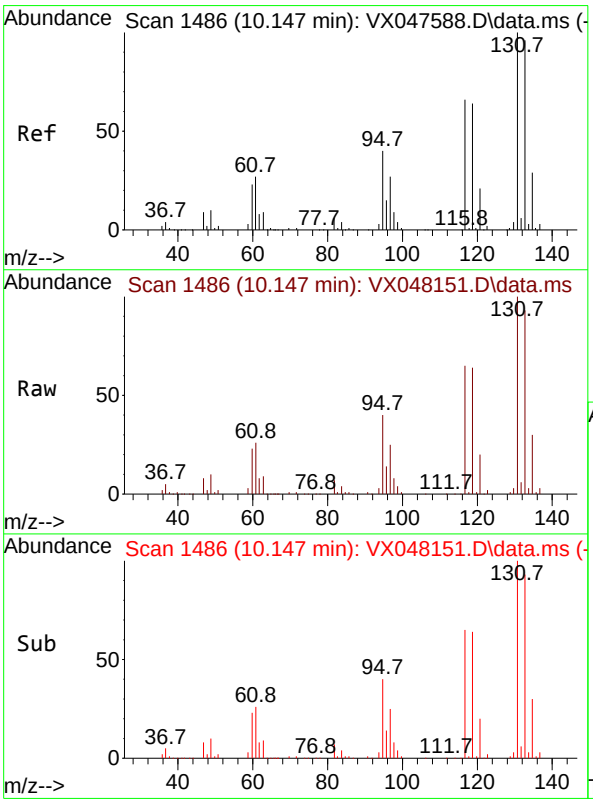
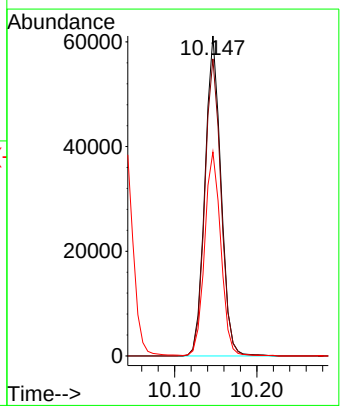
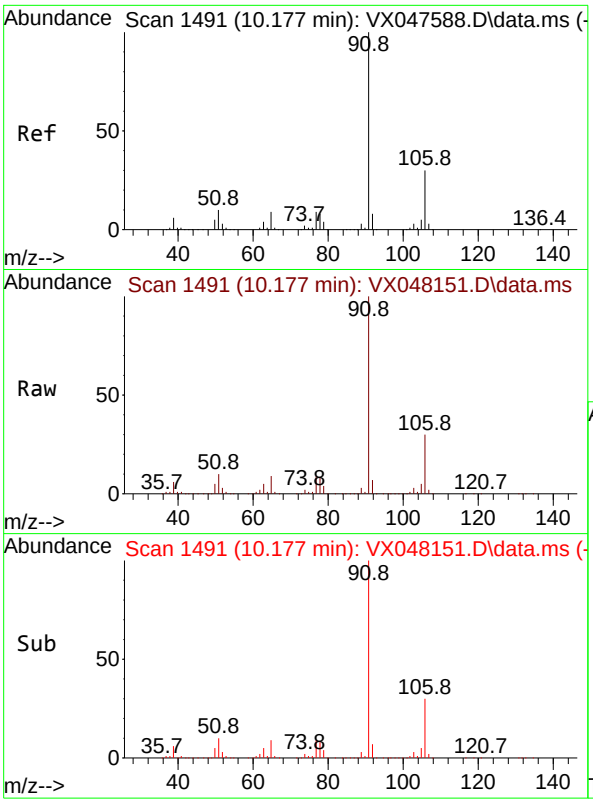


#66
1,1,1,2-Tetrachloroethane
Concen: 56.099 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:131 Resp: 82637

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.3	142.0
119	64.8	32.0	96.0





#67
Ethyl Benzene
Concen: 54.455 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 91 Resp: 40108

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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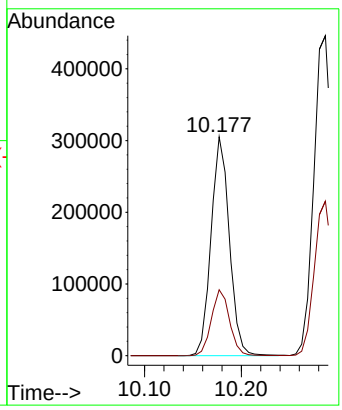
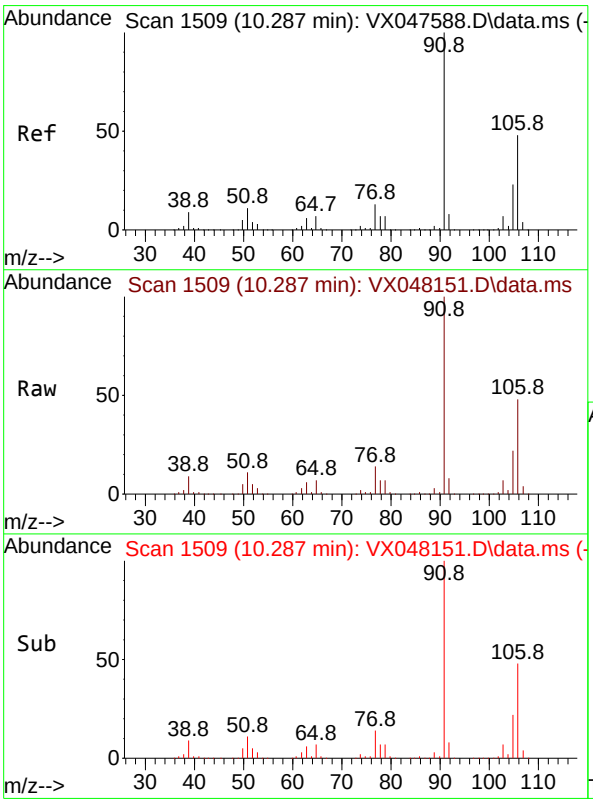
Supervised By :Mahesh Dadoda 10/14/2025

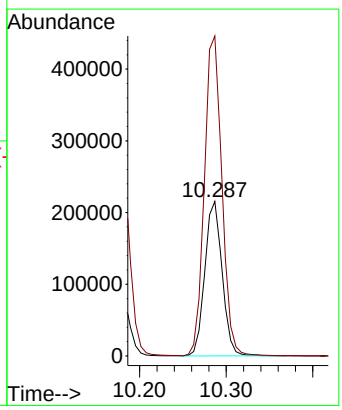


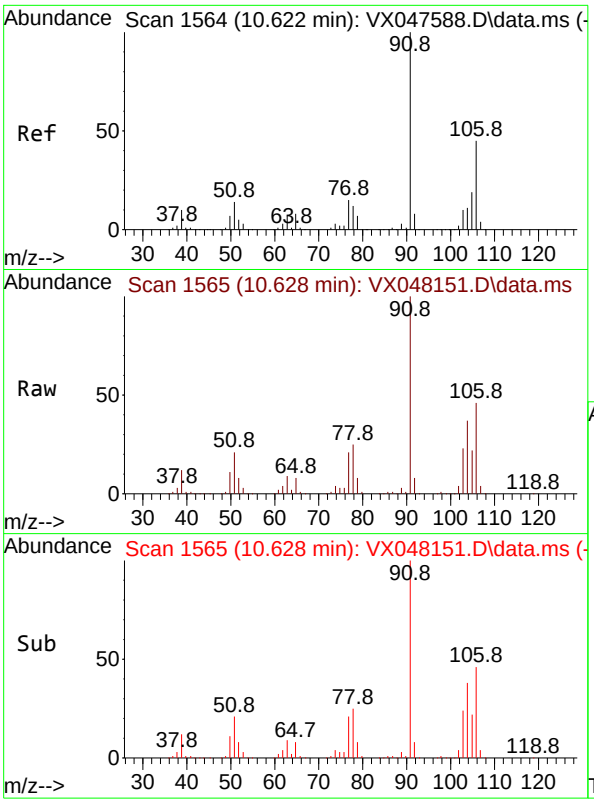


#68
m/p-Xylenes
Concen: 108.894 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:106 Resp: 298533

Ion	Ratio	Lower	Upper
106	100		
91	210.4	167.8	251.8

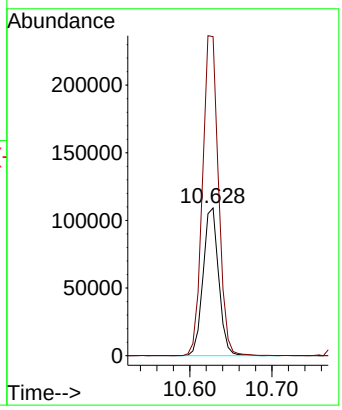




#69
o-Xylene
Concen: 54.314 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:106 Resp: 14402

Ion	Ratio	Lower	Upper
106	100		
91	221.8	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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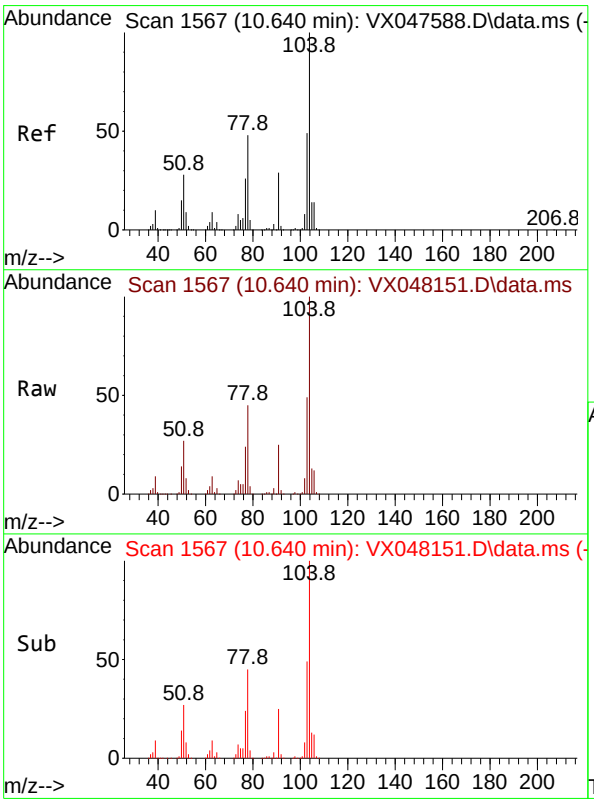
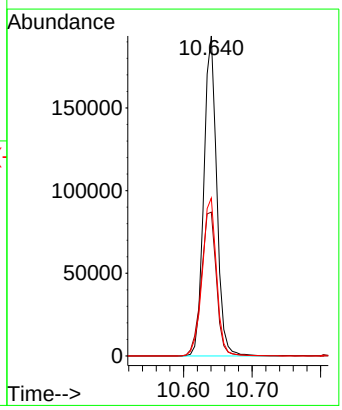
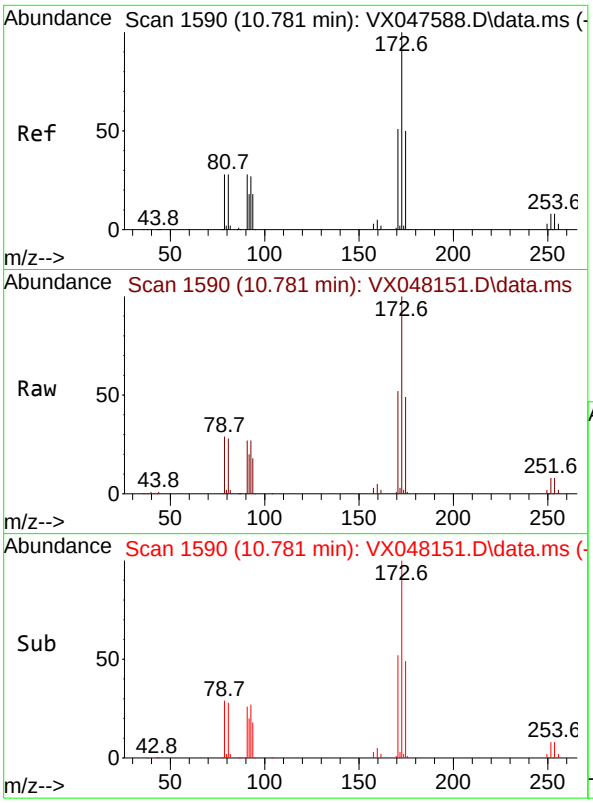


#70
Styrene
Concen: 54.833 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:104 Resp: 254769

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.3	43.1	64.7

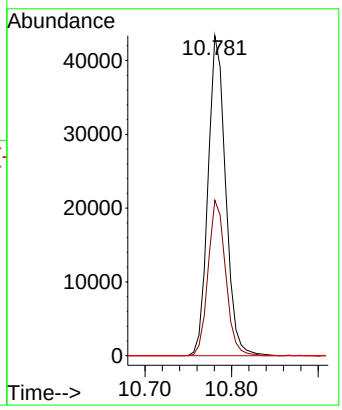




#71
Bromoform
Concen: 55.561 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:173 Resp: 6111

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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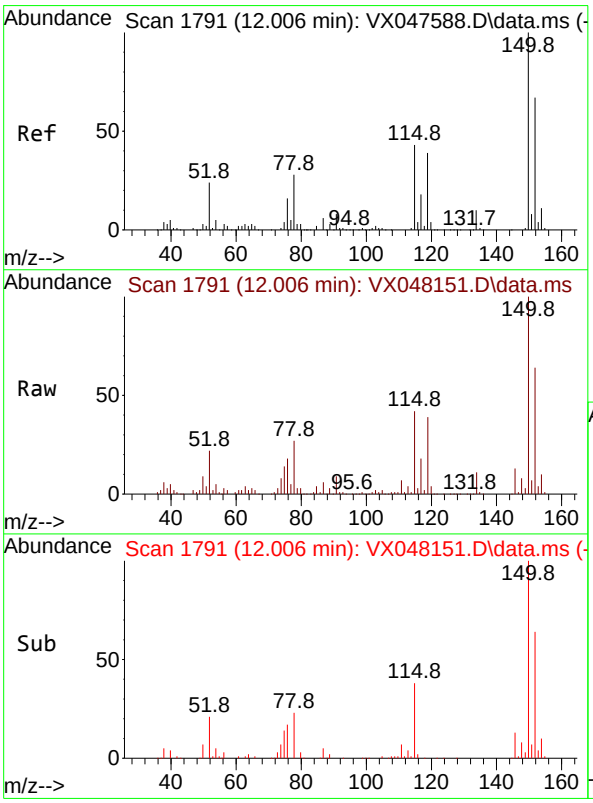
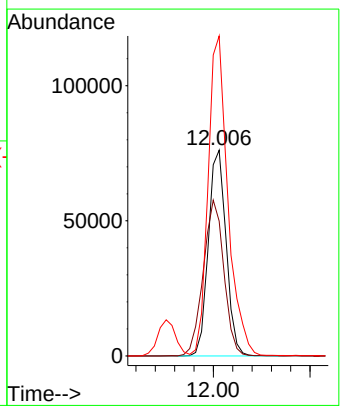
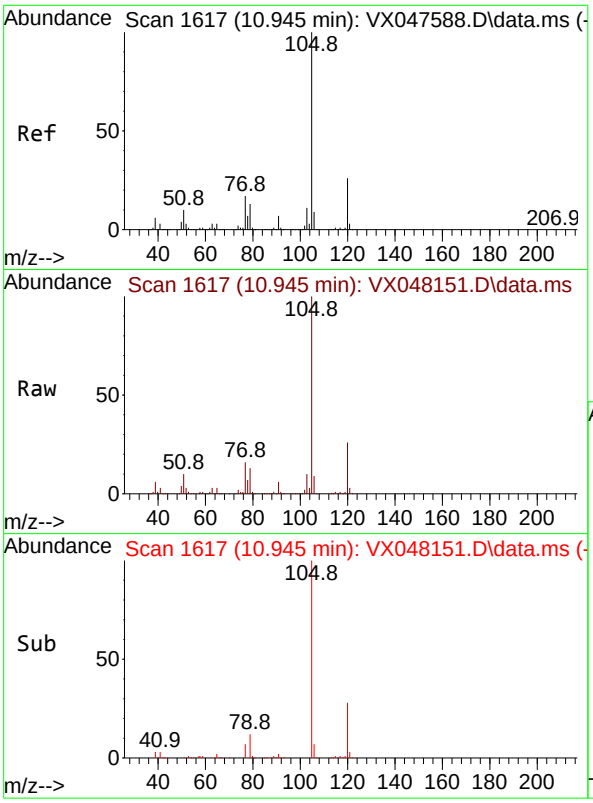


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:152 Resp: 97364

Ion	Ratio	Lower	Upper
152	100		
115	88.0	44.9	134.5
150	172.7	0.0	352.0

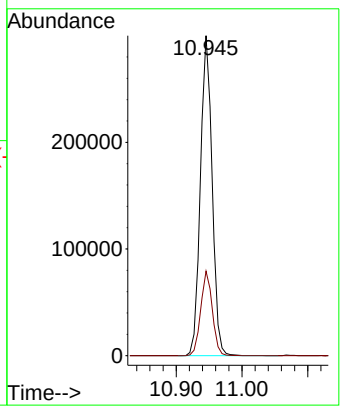




#73
Isopropylbenzene
Concen: 50.197 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:105 Resp: 37156

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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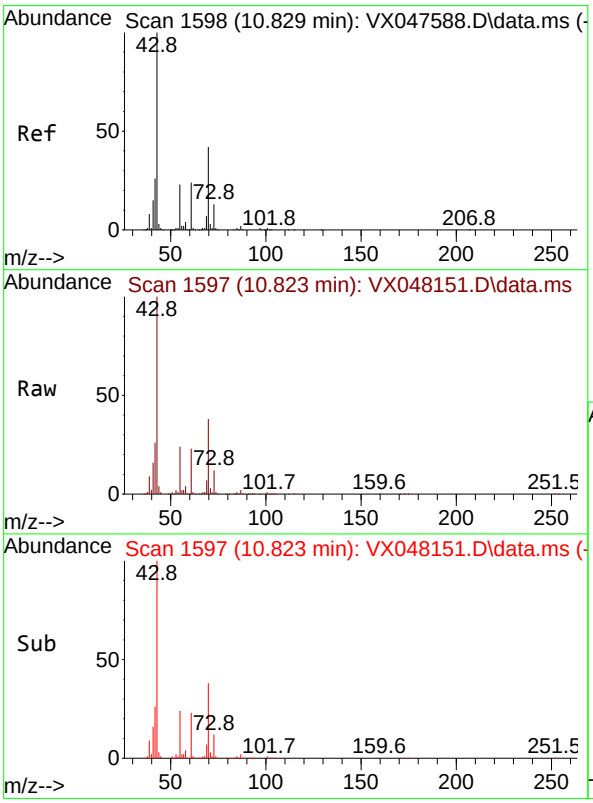
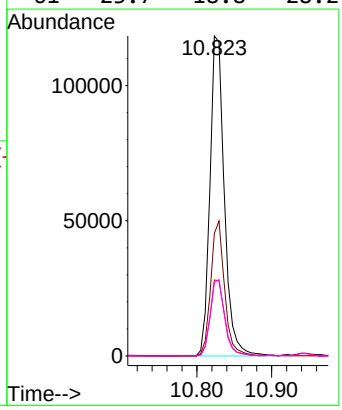
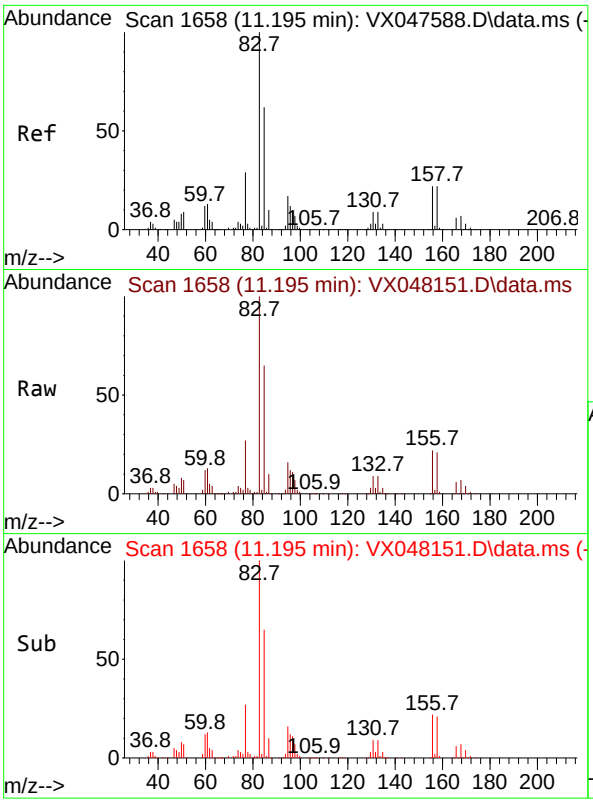


#74
N-amyl acetate
Concen: 47.116 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 159040

Ion	Ratio	Lower	Upper
43	100		
70	40.8	32.0	48.0
55	24.3	18.9	28.3
61	23.7	18.8	28.2

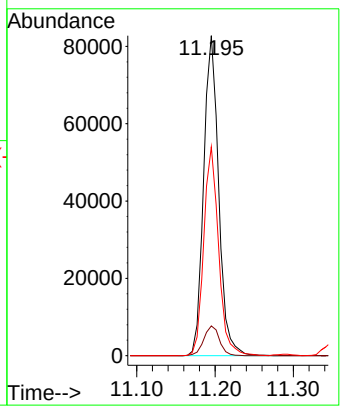




#75
1,1,2,2-Tetrachloroethane
Concen: 49.079 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 83 Resp: 10991

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.6	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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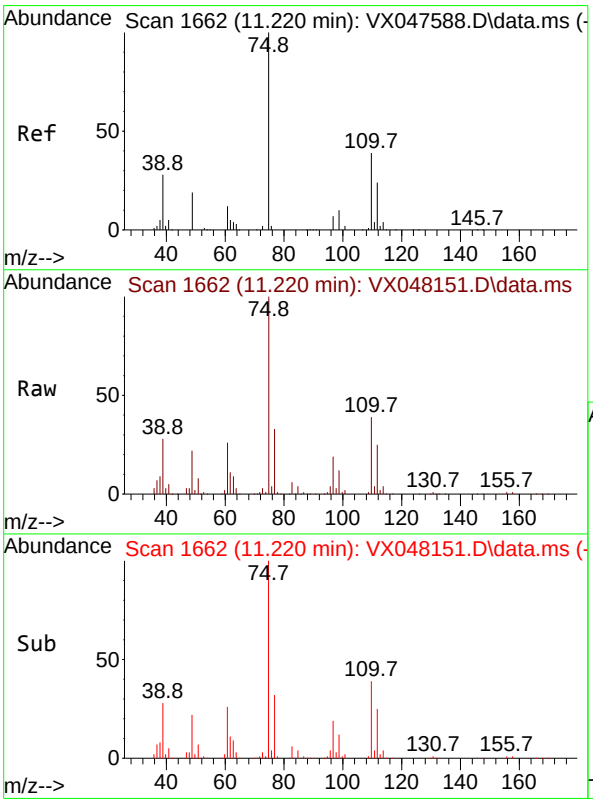
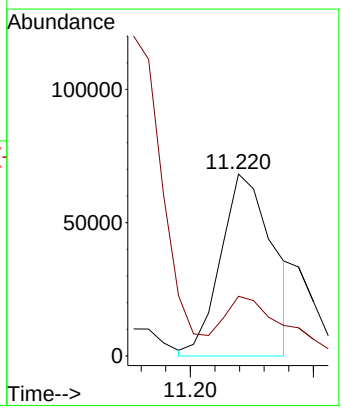
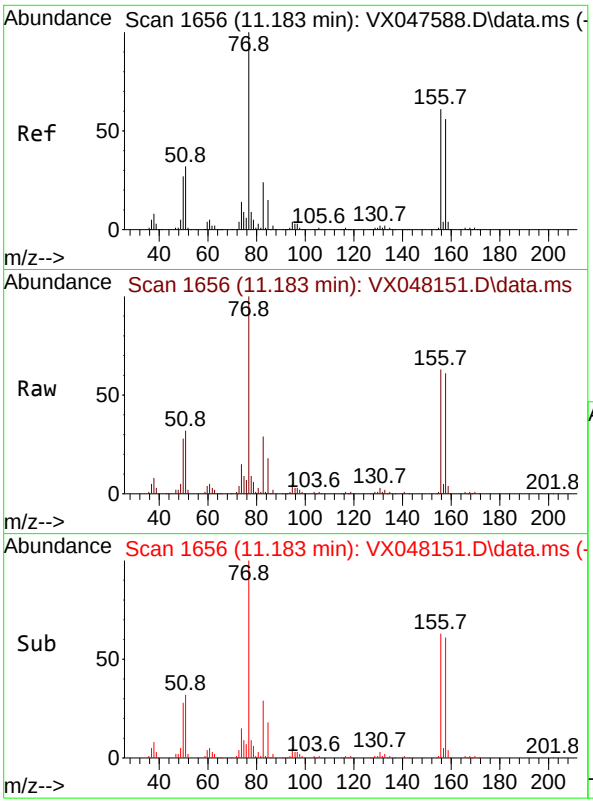


#76
1,2,3-Trichloropropane
Concen: 50.749 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 100042

Ion	Ratio	Lower	Upper
75	100		
77	37.7	18.8	56.4

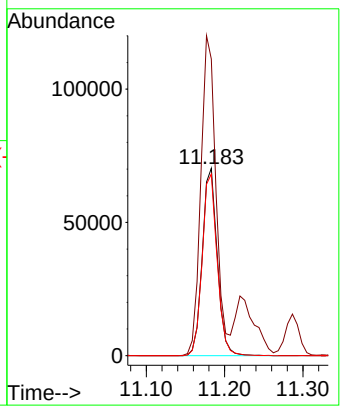




#77
Bromobenzene
Concen: 51.050 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:156 Resp: 9307

Ion	Ratio	Lower	Upper
156	100		
77	173.3	89.7	269.1
158	97.3	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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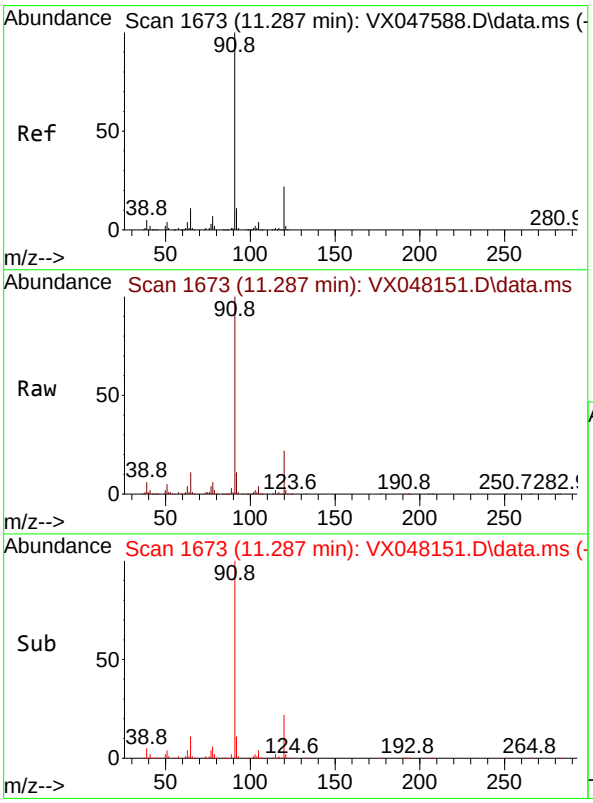
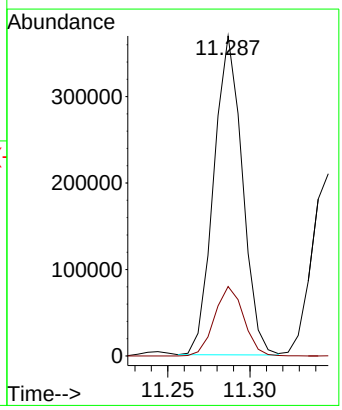
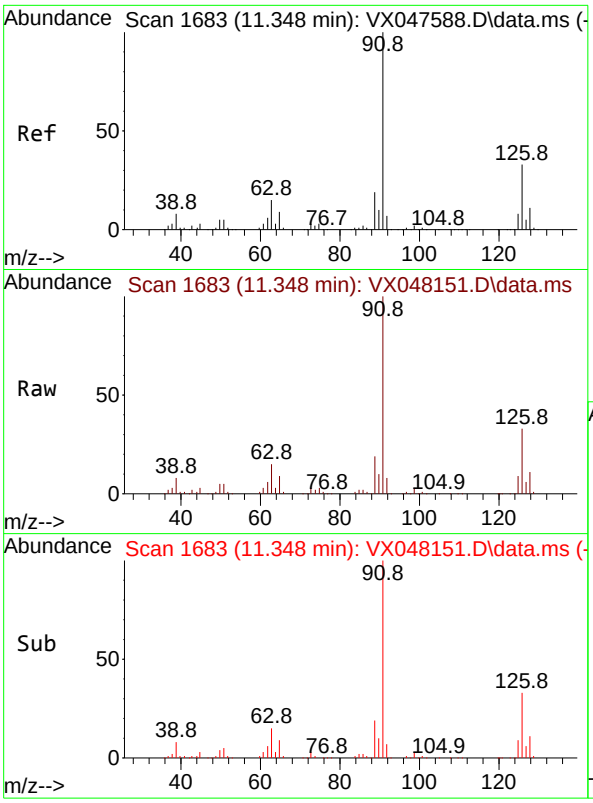


#78
n-propylbenzene
Concen: 50.987 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 91 Resp: 446153

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1





#79
2-Chlorotoluene
Concen: 49.644 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 91 Resp: 26606

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.1	48.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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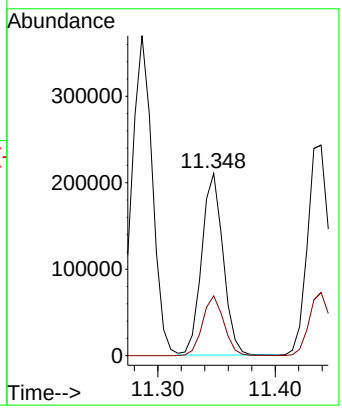
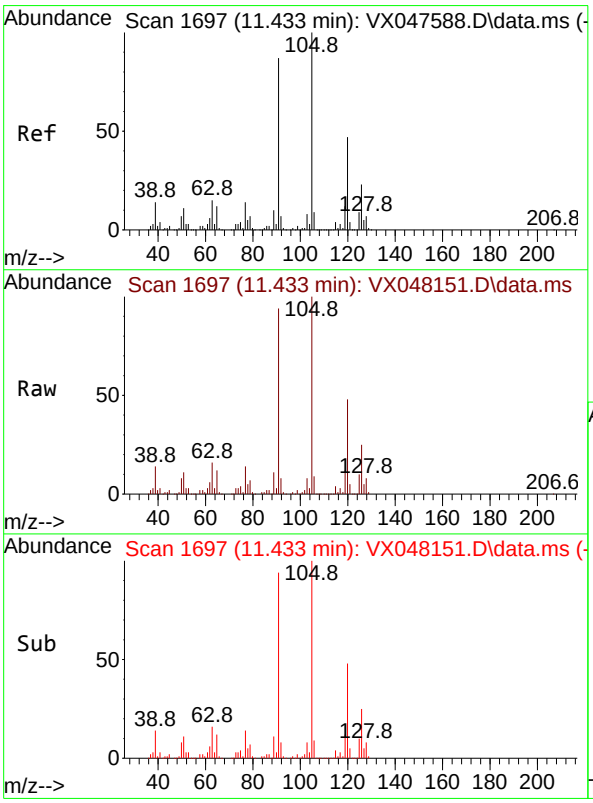
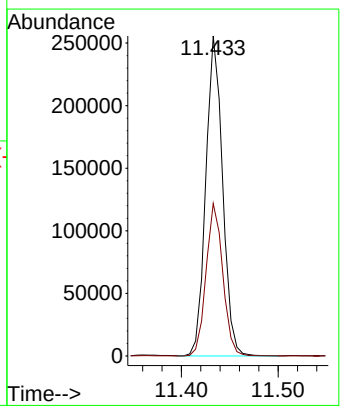


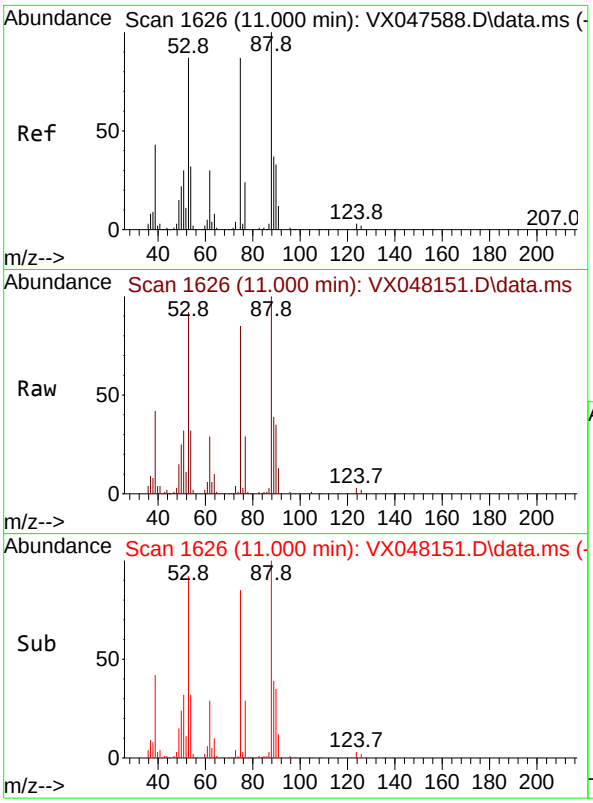


#80
1,3,5-Trimethylbenzene
Concen: 50.831 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:105 Resp: 309130

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.572 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 3522

Ion	Ratio	Lower	Upper
75	100		
53	105.1	83.4	125.2
89	46.2	36.3	54.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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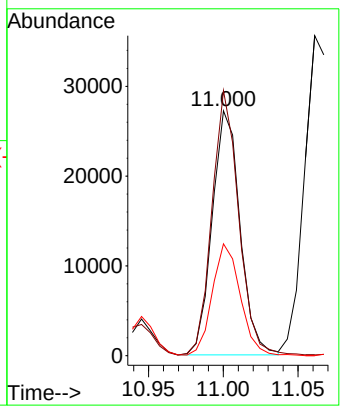
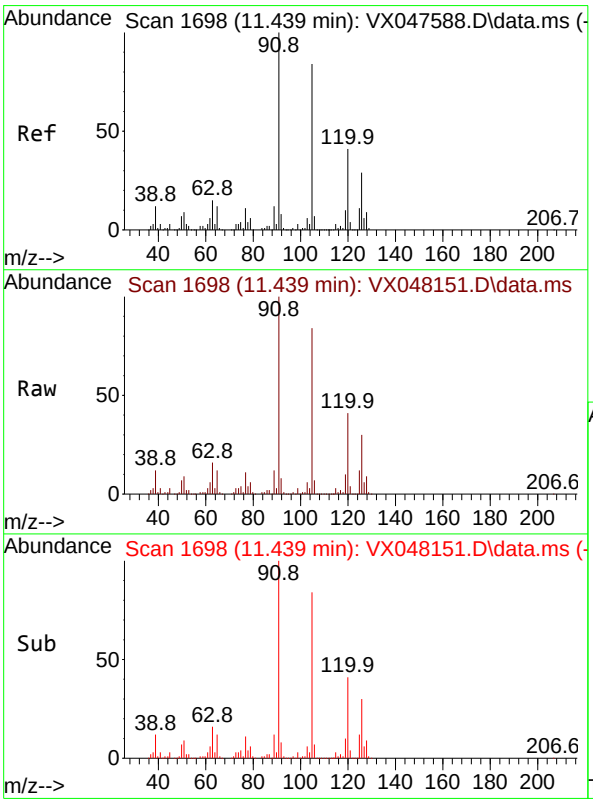
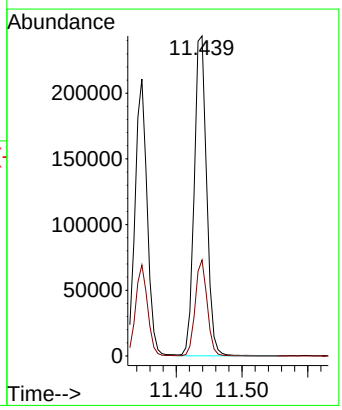


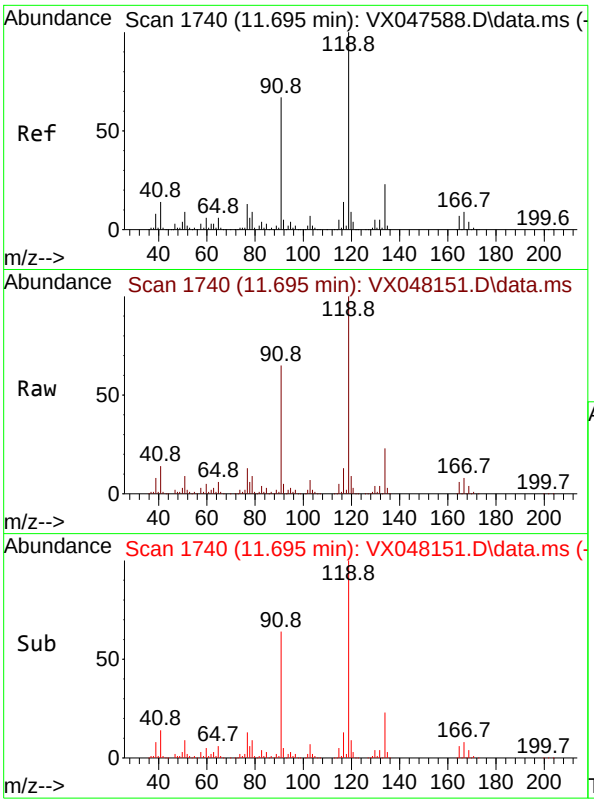


#82
4-Chlorotoluene
Concen: 50.343 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 91 Resp: 318659

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.2	42.6

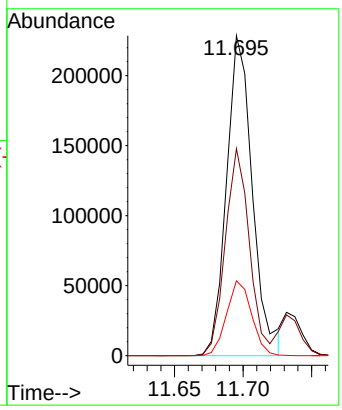




#83
tert-Butylbenzene
Concen: 48.111 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:119 Resp: 29952

Ion	Ratio	Lower	Upper
119	100		
91	60.4	29.6	88.8
134	22.7	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Reviewed By :John Carlone 10/14/2025
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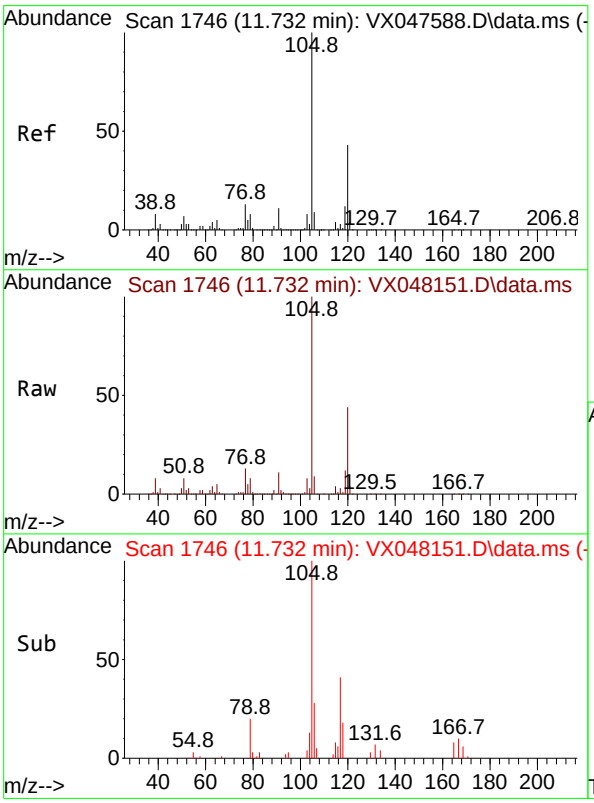
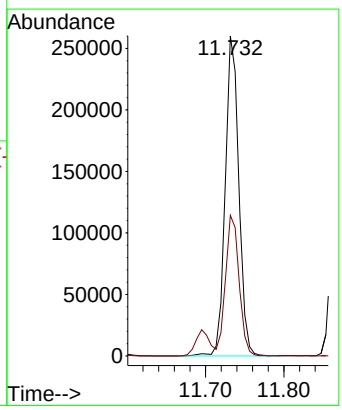
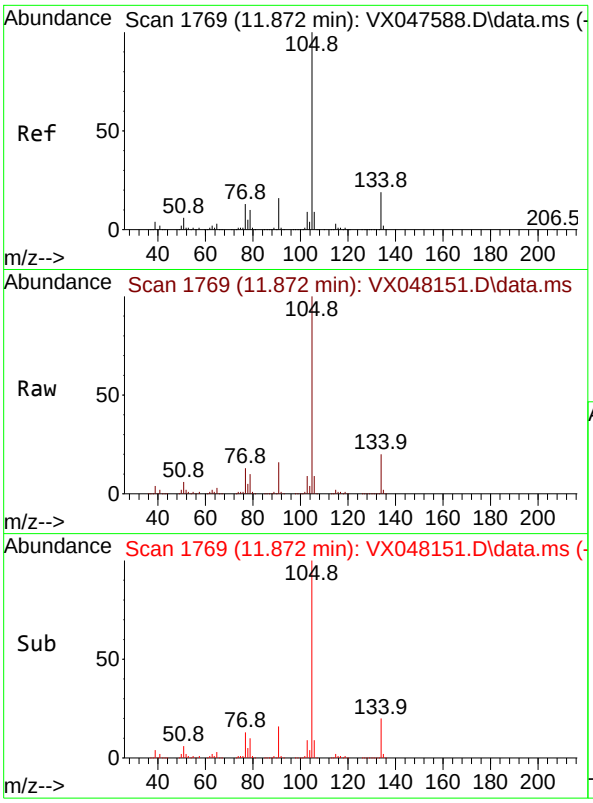


#84
1,2,4-Trimethylbenzene
Concen: 50.919 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:105 Resp: 313950

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.1

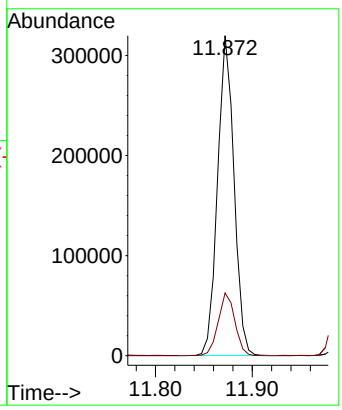




#85
sec-Butylbenzene
Concen: 50.907 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:105 Resp: 37644

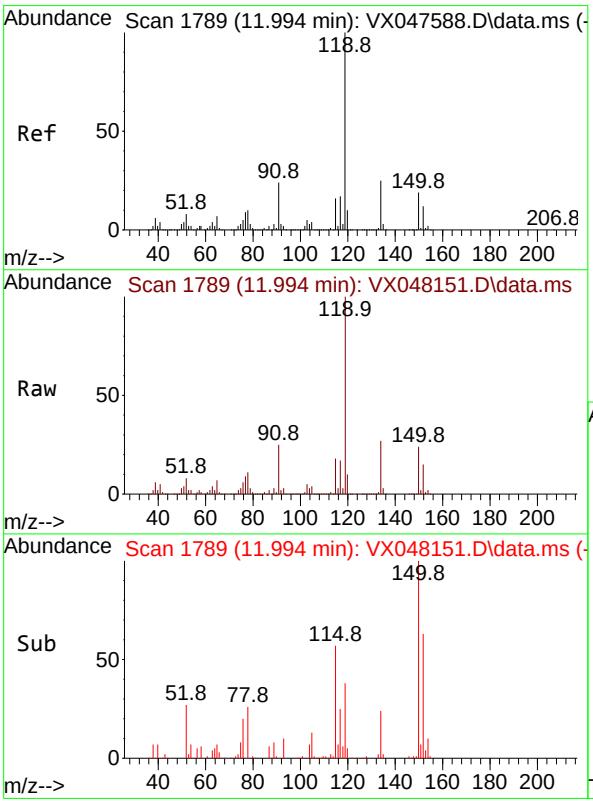
Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

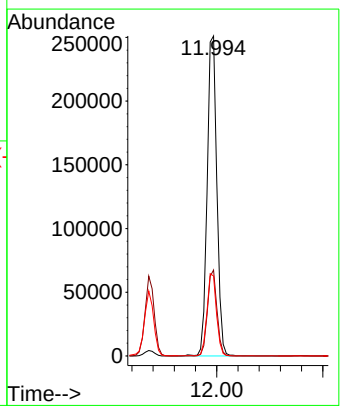
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

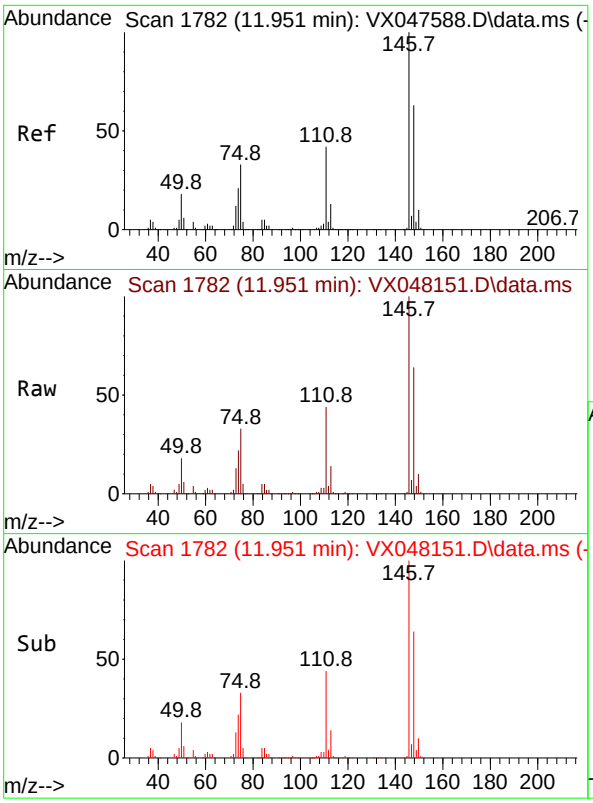


#86
p-Isopropyltoluene
Concen: 50.578 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:119 Resp: 316639

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.6	37.8
91	25.3	12.6	37.6

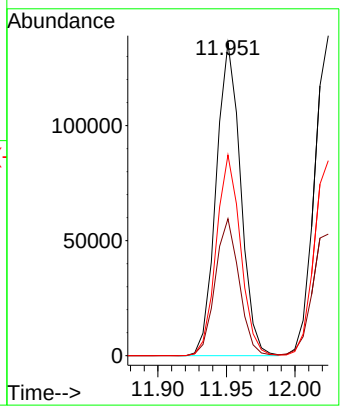




#87
1,3-Dichlorobenzene
Concen: 49.700 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:146 Resp: 16829

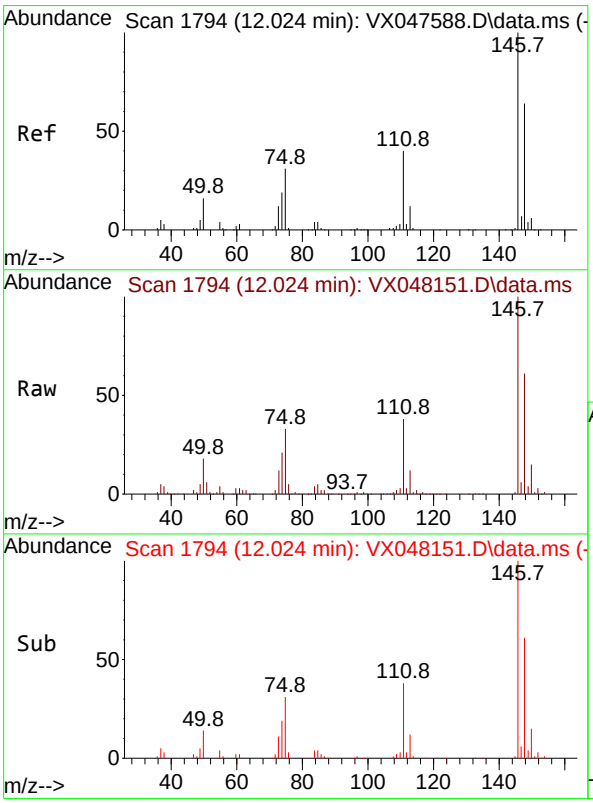
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	63.8	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

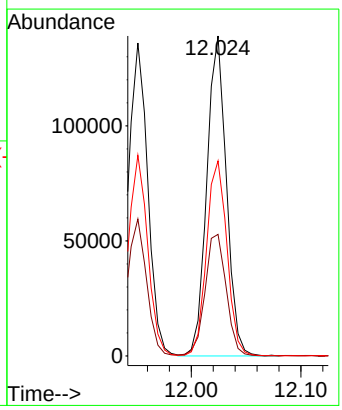
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

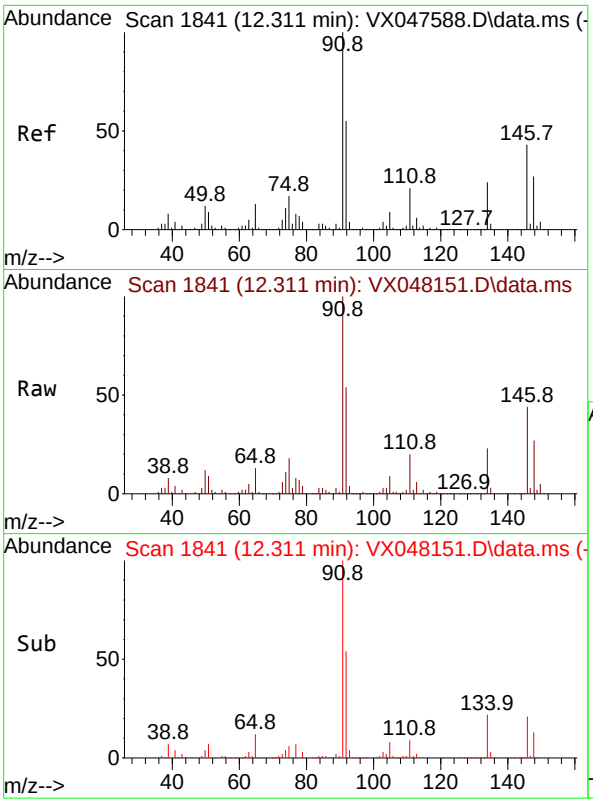


#88
1,4-Dichlorobenzene
Concen: 49.665 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:146 Resp: 172609

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.4
148	63.5	31.7	95.1

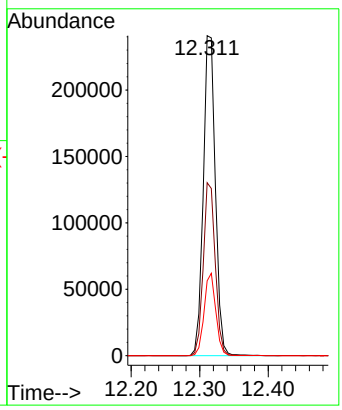




#89
n-Butylbenzene
Concen: 51.169 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 91 Resp: 29640

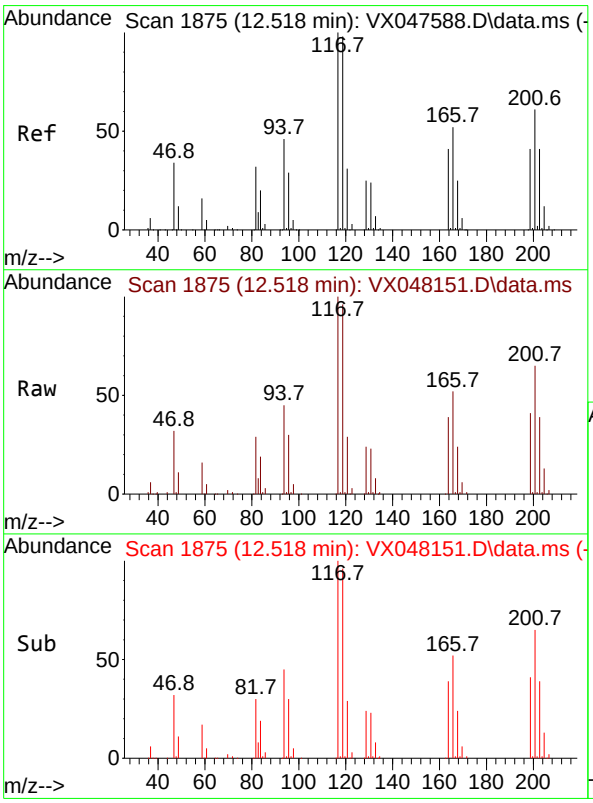
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.6	82.7
134	24.9	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

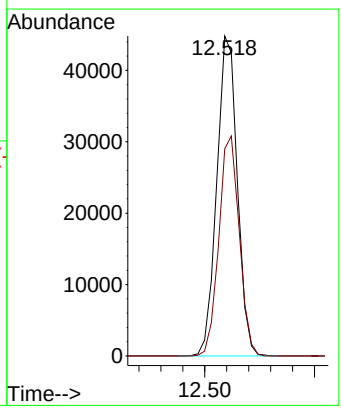
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

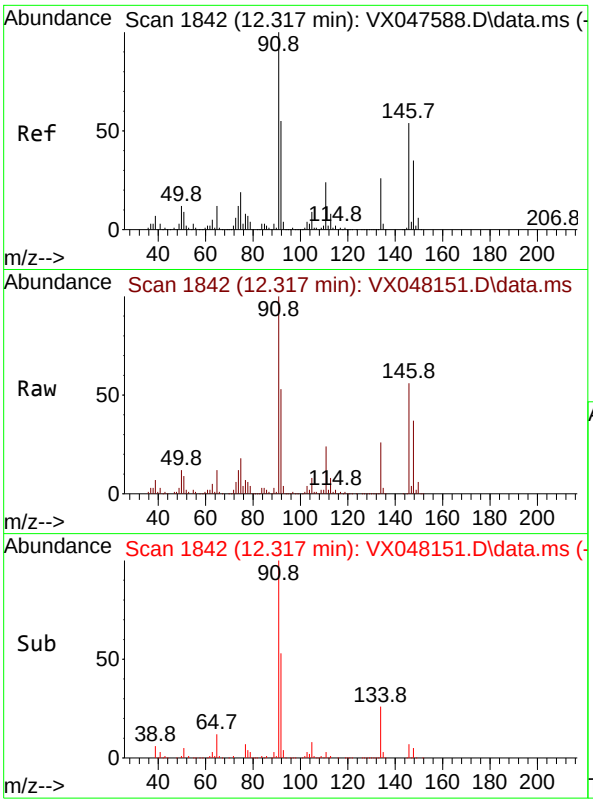


#90
Hexachloroethane
Concen: 53.026 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:117 Resp: 58283

Ion	Ratio	Lower	Upper
117	100		
201	68.4	34.2	102.5

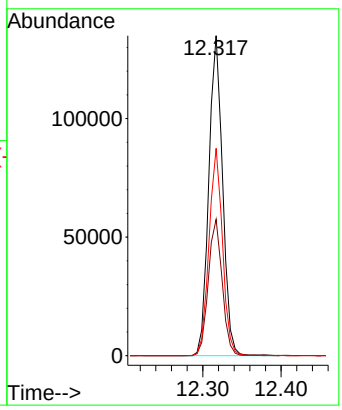




#91
1,2-Dichlorobenzene
Concen: 50.956 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:146 Resp: 16438

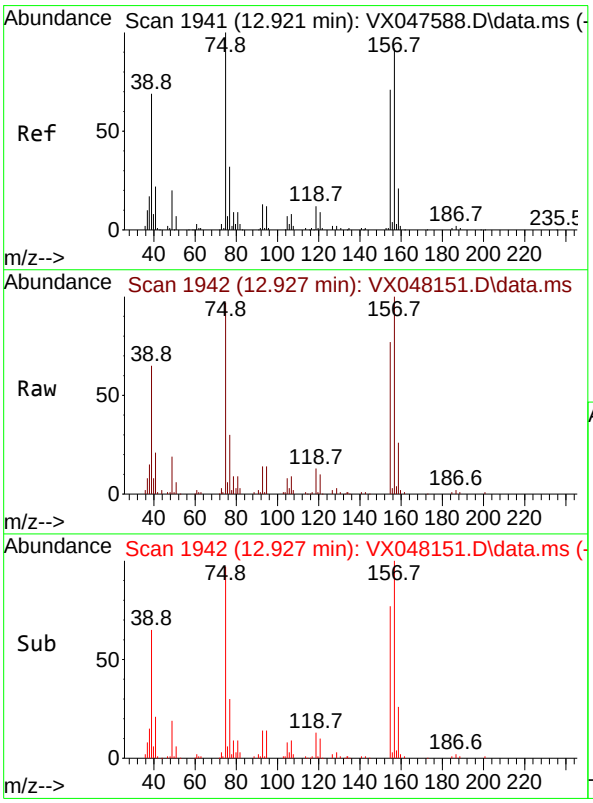
Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.2	66.6
148	63.4	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

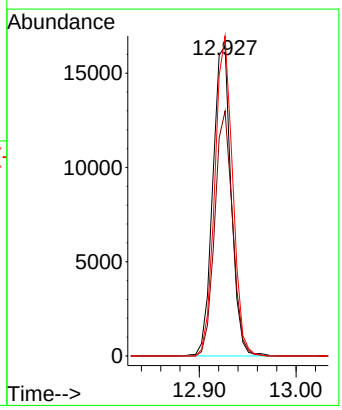
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

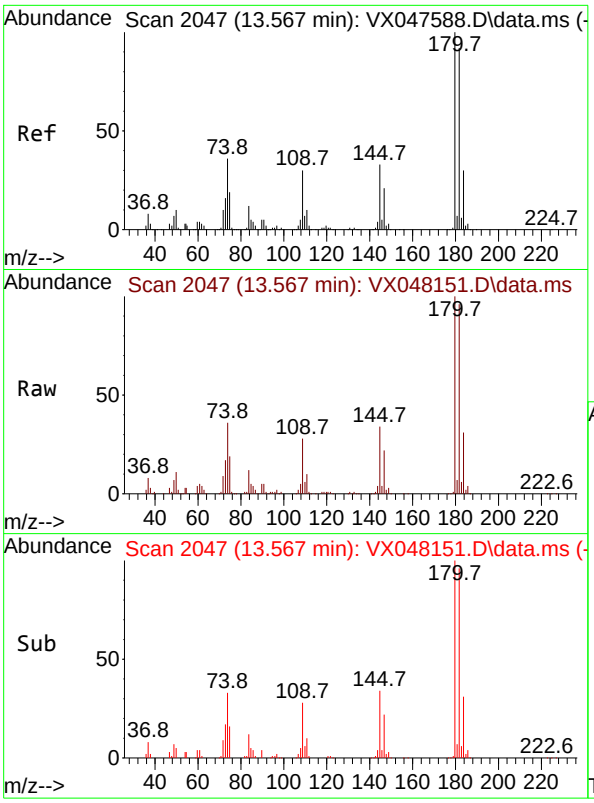


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.620 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 21592

Ion	Ratio	Lower	Upper
75	100		
155	77.0	37.7	113.1
157	100.5	49.8	149.4





#93
1,2,4-Trichlorobenzene
Concen: 48.527 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

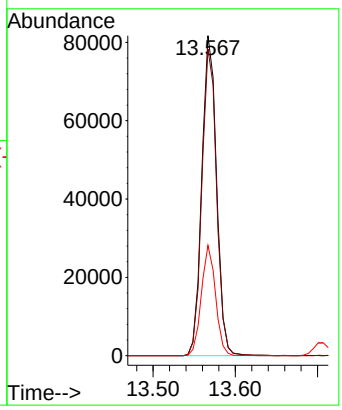
Tgt Ion:180 Resp: 10174

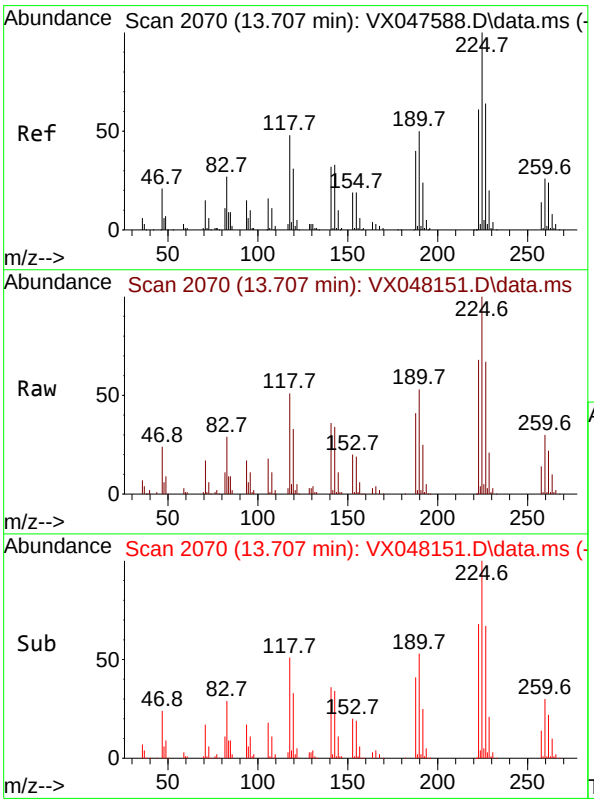
Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.8
145	33.1	16.4	49.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

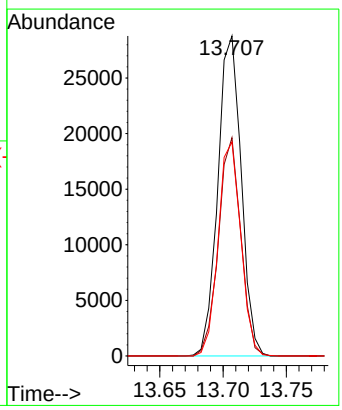


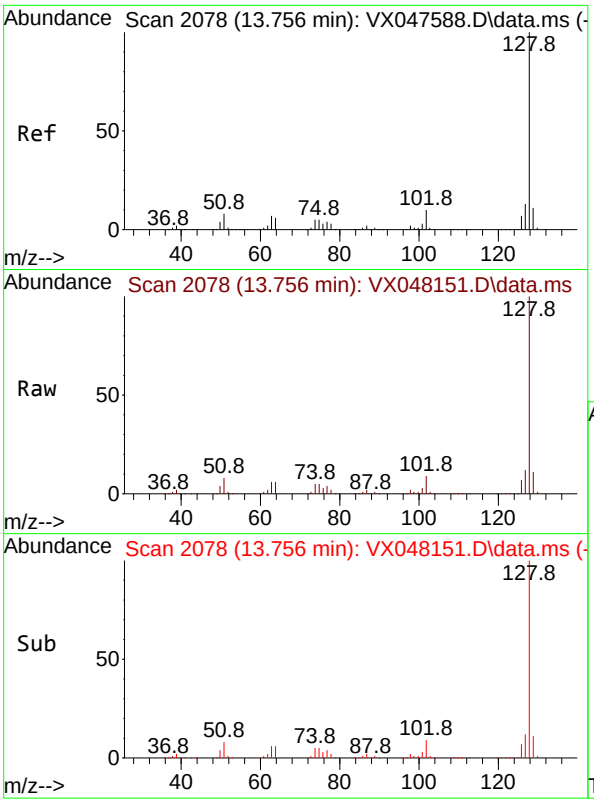


#94
Hexachlorobutadiene
Concen: 51.799 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:225 Resp: 36890

Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.7	95.1
227	64.7	32.0	96.0

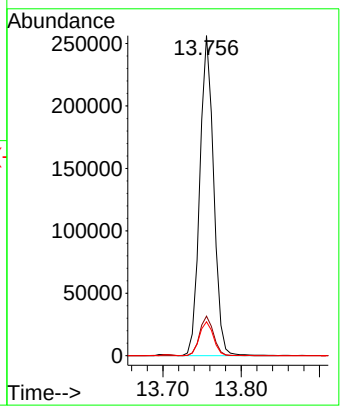




#95
Naphthalene
Concen: 49.297 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:128 Resp: 31474

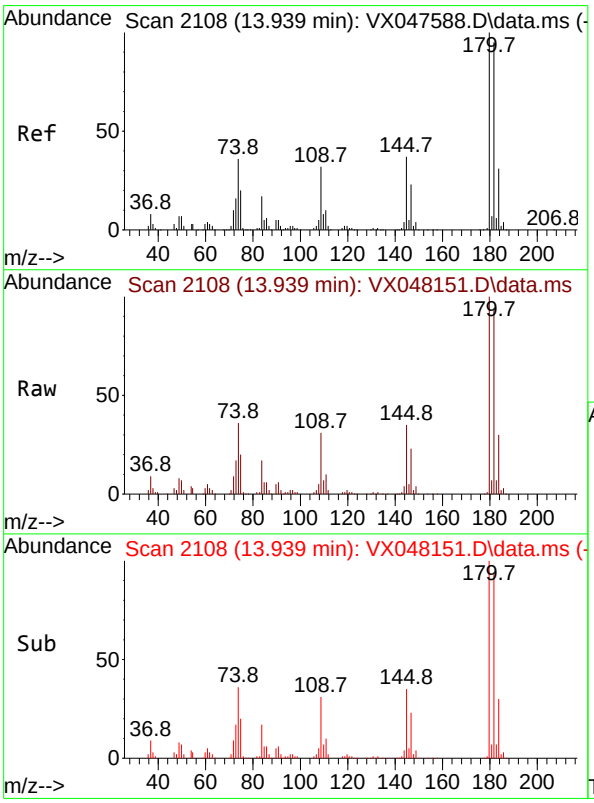
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

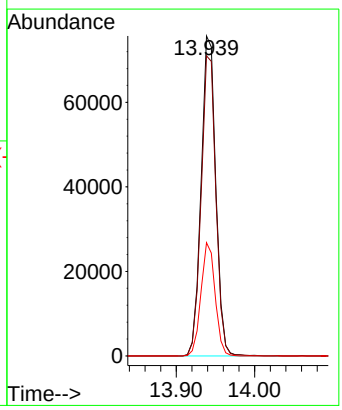
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.354 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:180 Resp: 98210

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.6	142.8
145	34.2	17.9	53.7



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 02:00:15 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	67	0.00
2	T	Dichlorodifluoromethane	0.518	0.591	-14.1	79	0.00
3	P	Chloromethane	0.680	0.729	-7.2	74	0.00
4	C	Vinyl Chloride	0.666	0.761	-14.3#	77	0.00
5	T	Bromomethane	0.422	0.523	-23.9	83	0.00
6	T	Chloroethane	0.445	0.499	-12.1	76	0.00
7	T	Trichlorofluoromethane	0.989	1.124	-13.7	76	0.00
8	T	Diethyl Ether	0.405	0.430	-6.2	71	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.578	0.632	-9.3	73	0.00
10	T	Methyl Iodide	0.902	0.901	0.1	66	0.00
11	T	Tert butyl alcohol	0.089	0.084	5.6	63	0.00
12	CM	1,1-Dichloroethene	0.594	0.661	-11.3#	74	0.00
13	T	Acrolein	0.082	0.086	-4.9	71	0.00
14	T	Allyl chloride	1.226	1.231	-0.4	68	0.00
15	T	Acrylonitrile	0.328	0.348	-6.1	67	0.00
16	T	Acetone	0.346	0.276	20.2	58	0.00
17	T	Carbon Disulfide	1.626	1.923	-18.3	82	0.00
18	T	Methyl Acetate	0.770	0.726	5.7	56	0.00
19	T	Methyl tert-butyl Ether	2.169	2.308	-6.4	69	0.00
20	T	Methylene Chloride	0.732	0.791	-8.1	73	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.708	-10.6	73	0.00
22	T	Diisopropyl ether	2.376	2.574	-8.3	70	0.00
23	T	Vinyl Acetate	1.901	1.921	-1.1	65	0.00
24	P	1,1-Dichloroethane	1.263	1.364	-8.0	71	0.00
25	T	2-Butanone	0.432	0.408	5.6	62	0.00
26	T	2,2-Dichloropropane	1.050	1.064	-1.3	67	0.00
27	T	cis-1,2-Dichloroethene	0.783	0.858	-9.6	71	0.00
28	T	Bromochloromethane	0.551	0.624	-13.2	73	0.00
29	T	Tetrahydrofuran	0.260	0.257	1.2	63	0.00
30	C	Chloroform	1.276	1.408	-10.3#	71	0.00
31	T	Cyclohexane	1.052	1.112	-5.7	73	0.00
32	T	1,1,1-Trichloroethane	1.082	1.203	-11.2	72	0.00
33	S	1,2-Dichloroethane-d4	0.796	0.738	7.3	64	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	67	0.00
35	S	Dibromofluoromethane	0.335	0.324	3.3	66	0.00
36	T	1,1-Dichloropropene	0.490	0.521	-6.3	72	0.00
37	T	Ethyl Acetate	0.525	0.506	3.6	64	0.00
38	T	Carbon Tetrachloride	0.532	0.582	-9.4	72	0.00
39	T	Methylcyclohexane	0.556	0.607	-9.2	72	0.00
40	TM	Benzene	1.488	1.651	-11.0	73	0.00
41	T	Methacrylonitrile	0.271	0.281	-3.7	66	0.00
42	TM	1,2-Dichloroethane	0.566	0.613	-8.3	71	0.00
43	T	Isopropyl Acetate	0.860	0.863	-0.3	65	0.00
44	TM	Trichloroethene	0.360	0.410	-13.9	74	0.00
45	C	1,2-Dichloropropane	0.381	0.425	-11.5#	72	0.00
46	T	Dibromomethane	0.277	0.310	-11.9	72	0.00
47	T	Bromodichloromethane	0.572	0.650	-13.6	72	0.00
48	T	Methyl methacrylate	0.429	0.443	-3.3	66	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 02:00:15 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	1.078	7.1	63	0.00
51	T	4-Methyl-2-Pentanone	0.477	0.504	-5.7	66	0.00
52	CM	Toluene	0.917	1.029	-12.2#	73	0.00
53	T	t-1,3-Dichloropropene	0.584	0.645	-10.4	70	0.00
54	T	cis-1,3-Dichloropropene	0.624	0.688	-10.3	71	0.00
55	T	1,1,2-Trichloroethane	0.354	0.401	-13.3	73	0.00
56	T	Ethyl methacrylate	0.555	0.601	-8.3	67	0.00
57	T	1,3-Dichloropropane	0.607	0.695	-14.5	73	0.00
58	T	2-Chloroethyl Vinyl ether	0.227	0.280	-23.3	69	0.00
59	T	2-Hexanone	0.343	0.347	-1.2	65	0.00
60	T	Dibromochloromethane	0.407	0.479	-17.7	74	0.00
61	T	1,2-Dibromoethane	0.360	0.420	-16.7	74	0.00
62	S	4-Bromofluorobenzene	0.440	0.426	3.2	67	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64	T	Tetrachloroethene	0.326	0.422	-29.4#	90	0.00
65	PM	Chlorobenzene	1.136	1.233	-8.5	73	0.00
66	T	1,1,1,2-Tetrachloroethane	0.392	0.440	-12.2	74	0.00
67	C	Ethyl Benzene	1.960	2.135	-8.9#	73	0.00
68	T	m/p-Xylenes	0.729	0.794	-8.9	72	0.00
69	T	o-Xylene	0.706	0.766	-8.5	71	0.00
70	T	Styrene	1.236	1.356	-9.7	73	0.00
71	P	Bromoform	0.293	0.325	-10.9	72	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73	T	Isopropylbenzene	3.801	3.816	-0.4	72	0.00
74	T	N-amyl acetate	1.733	1.633	5.8	67	0.00
75	P	1,1,2,2-Tetrachloroethane	1.150	1.129	1.8	70	0.00
76	T	1,2,3-Trichloropropane	1.012	1.028	-1.6	69	0.00
77	T	Bromobenzene	0.936	0.956	-2.1	74	0.00
78	T	n-propylbenzene	4.494	4.582	-2.0	73	0.00
79	T	2-Chlorotoluene	2.752	2.733	0.7	71	0.00
80	T	1,3,5-Trimethylbenzene	3.123	3.175	-1.7	72	0.00
81	T	trans-1,4-Dichloro-2-butene	0.397	0.362	8.8	67	0.00
82	T	4-Chlorotoluene	3.251	3.273	-0.7	73	0.00
83	T	tert-Butylbenzene	3.197	3.076	3.8	70	0.00
84	T	1,2,4-Trimethylbenzene	3.166	3.224	-1.8	74	0.00
85	T	sec-Butylbenzene	3.797	3.866	-1.8	73	0.00
86	T	p-Isopropyltoluene	3.215	3.252	-1.2	73	0.00
87	T	1,3-Dichlorobenzene	1.739	1.729	0.6	73	0.00
88	T	1,4-Dichlorobenzene	1.785	1.773	0.7	74	0.00
89	T	n-Butylbenzene	2.975	3.044	-2.3	74	0.00
90	T	Hexachloroethane	0.564	0.599	-6.2	77	0.00
91	T	1,2-Dichlorobenzene	1.657	1.688	-1.9	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.233	0.222	4.7	67	0.00
93	T	1,2,4-Trichlorobenzene	1.077	1.045	3.0	69	0.00
94	T	Hexachlorobutadiene	0.366	0.379	-3.6	75	0.00
95	T	Naphthalene	3.279	3.233	1.4	70	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 02:00:15 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	1.009	-0.7	71	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 02:00:15 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	67	0.00
2	T	Dichlorodifluoromethane	50.000	57.104	-14.2	79	0.00
3	P	Chloromethane	50.000	53.539	-7.1	74	0.00
4	C	Vinyl Chloride	50.000	57.159	-14.3#	77	0.00
5	T	Bromomethane	50.000	61.941	-23.9	83	0.00
6	T	Chloroethane	50.000	56.066	-12.1	76	0.00
7	T	Trichlorofluoromethane	50.000	56.811	-13.6	76	0.00
8	T	Diethyl Ether	50.000	53.148	-6.3	71	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.630	-9.3	73	0.00
10	T	Methyl Iodide	50.000	49.961	0.1	66	0.00
11	T	Tert butyl alcohol	250.000	236.310	5.5	63	0.00
12	CM	1,1-Dichloroethene	50.000	55.670	-11.3#	74	0.00
13	T	Acrolein	250.000	264.034	-5.6	71	0.00
14	T	Allyl chloride	50.000	50.193	-0.4	68	0.00
15	T	Acrylonitrile	250.000	264.713	-5.9	67	0.00
16	T	Acetone	250.000	199.337	20.3	58	0.00
17	T	Carbon Disulfide	50.000	59.130	-18.3	82	0.00
18	T	Methyl Acetate	50.000	47.114	5.8	56	0.00
19	T	Methyl tert-butyl Ether	50.000	53.207	-6.4	69	0.00
20	T	Methylene Chloride	50.000	54.010	-8.0	73	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.356	-10.7	73	0.00
22	T	Diisopropyl ether	50.000	54.176	-8.4	70	0.00
23	T	Vinyl Acetate	250.000	252.641	-1.1	65	0.00
24	P	1,1-Dichloroethane	50.000	54.001	-8.0	71	0.00
25	T	2-Butanone	250.000	236.205	5.5	62	0.00
26	T	2,2-Dichloropropane	50.000	50.678	-1.4	67	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.800	-9.6	71	0.00
28	T	Bromochloromethane	50.000	56.572	-13.1	73	0.00
29	T	Tetrahydrofuran	250.000	247.143	1.1	63	0.00
30	C	Chloroform	50.000	55.163	-10.3#	71	0.00
31	T	Cyclohexane	50.000	52.880	-5.8	73	0.00
32	T	1,1,1-Trichloroethane	50.000	55.569	-11.1	72	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.374	7.3	64	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	67	0.00
35	S	Dibromofluoromethane	50.000	48.287	3.4	66	0.00
36	T	1,1-Dichloropropene	50.000	53.115	-6.2	72	0.00
37	T	Ethyl Acetate	50.000	48.261	3.5	64	0.00
38	T	Carbon Tetrachloride	50.000	54.638	-9.3	72	0.00
39	T	Methylcyclohexane	50.000	54.569	-9.1	72	0.00
40	TM	Benzene	50.000	55.471	-10.9	73	0.00
41	T	Methacrylonitrile	50.000	51.961	-3.9	66	0.00
42	TM	1,2-Dichloroethane	50.000	54.137	-8.3	71	0.00
43	T	Isopropyl Acetate	50.000	50.130	-0.3	65	0.00
44	TM	Trichloroethene	50.000	57.022	-14.0	74	0.00
45	C	1,2-Dichloropropane	50.000	55.794	-11.6#	72	0.00
46	T	Dibromomethane	50.000	55.970	-11.9	72	0.00
47	T	Bromodichloromethane	50.000	56.806	-13.6	72	0.00
48	T	Methyl methacrylate	50.000	51.684	-3.4	66	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 02:00:15 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	1223.595	-22.4	74	0.00
50	S	Toluene-d8	50.000	46.467	7.1	63	0.00
51	T	4-Methyl-2-Pentanone	250.000	264.050	-5.6	66	0.00
52	CM	Toluene	50.000	56.100	-12.2#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	55.226	-10.5	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.148	-10.3	71	0.00
55	T	1,1,2-Trichloroethane	50.000	56.718	-13.4	73	0.00
56	T	Ethyl methacrylate	50.000	54.131	-8.3	67	0.00
57	T	1,3-Dichloropropane	50.000	57.240	-14.5	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	263.185	-5.3	69	0.00
59	T	2-Hexanone	250.000	253.109	-1.2	65	0.00
60	T	Dibromochloromethane	50.000	58.796	-17.6	74	0.00
61	T	1,2-Dibromoethane	50.000	58.369	-16.7	74	0.00
62	S	4-Bromofluorobenzene	50.000	48.371	3.3	67	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	70	0.00
64	T	Tetrachloroethene	50.000	64.719	-29.4#	90	0.00
65	PM	Chlorobenzene	50.000	54.277	-8.6	73	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.099	-12.2	74	0.00
67	C	Ethyl Benzene	50.000	54.455	-8.9#	73	0.00
68	T	m/p-Xylenes	100.000	108.894	-8.9	72	0.00
69	T	o-Xylene	50.000	54.314	-8.6	71	0.00
70	T	Styrene	50.000	54.833	-9.7	73	0.00
71	P	Bromoform	50.000	55.561	-11.1	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	76	0.00
73	T	Isopropylbenzene	50.000	50.197	-0.4	72	0.00
74	T	N-amyl acetate	50.000	47.116	5.8	67	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.079	1.8	70	0.00
76	T	1,2,3-Trichloropropane	50.000	50.749	-1.5	69	0.00
77	T	Bromobenzene	50.000	51.050	-2.1	74	0.00
78	T	n-propylbenzene	50.000	50.987	-2.0	73	0.00
79	T	2-Chlorotoluene	50.000	49.644	0.7	71	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.831	-1.7	72	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.572	8.9	67	0.00
82	T	4-Chlorotoluene	50.000	50.343	-0.7	73	0.00
83	T	tert-Butylbenzene	50.000	48.111	3.8	70	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.919	-1.8	74	0.00
85	T	sec-Butylbenzene	50.000	50.907	-1.8	73	0.00
86	T	p-Isopropyltoluene	50.000	50.578	-1.2	73	0.00
87	T	1,3-Dichlorobenzene	50.000	49.700	0.6	73	0.00
88	T	1,4-Dichlorobenzene	50.000	49.665	0.7	74	0.00
89	T	n-Butylbenzene	50.000	51.169	-2.3	74	0.00
90	T	Hexachloroethane	50.000	53.026	-6.1	77	0.00
91	T	1,2-Dichlorobenzene	50.000	50.956	-1.9	74	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.620	4.8	67	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.527	2.9	69	0.00
94	T	Hexachlorobutadiene	50.000	51.799	-3.6	75	0.00
95	T	Naphthalene	50.000	49.297	1.4	70	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 02:00:15 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	50.354	-0.7	71	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

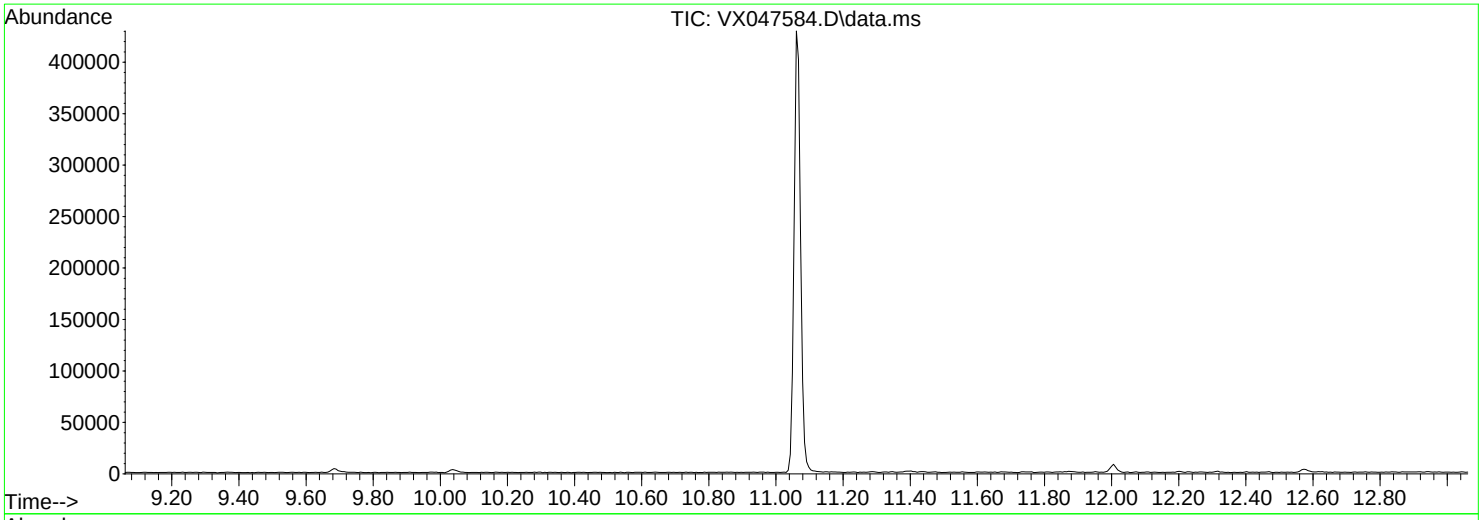
QC SAMPLE DATA

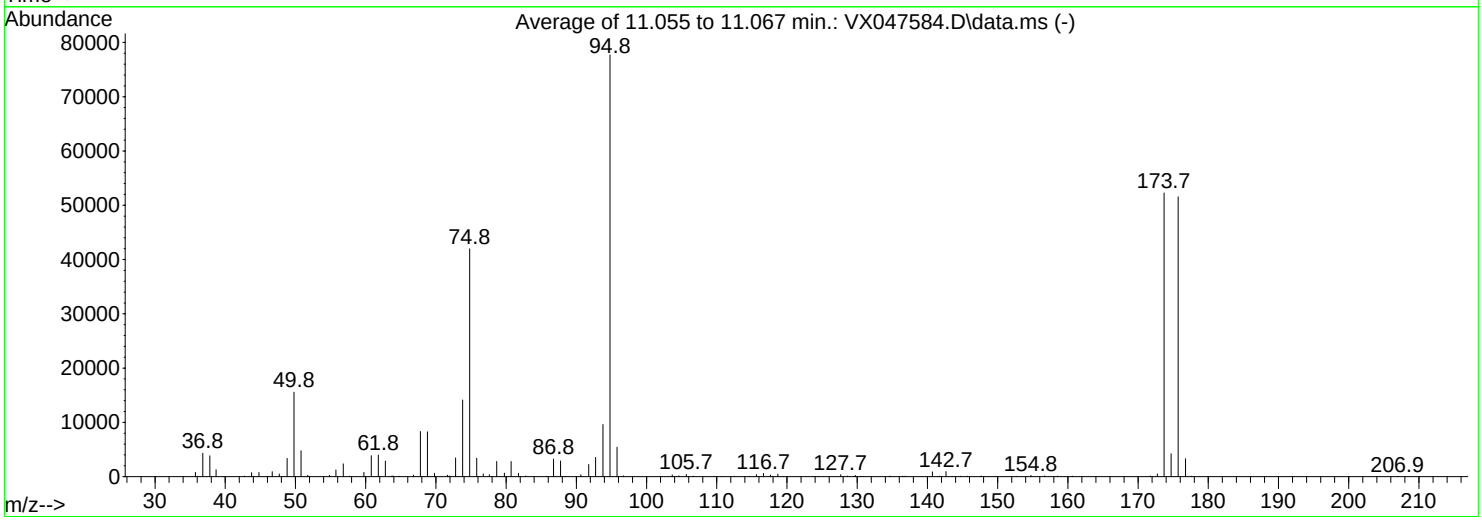
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091625\
Data File : VX047584.D
Acq On : 16 Sep 2025 08:56
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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

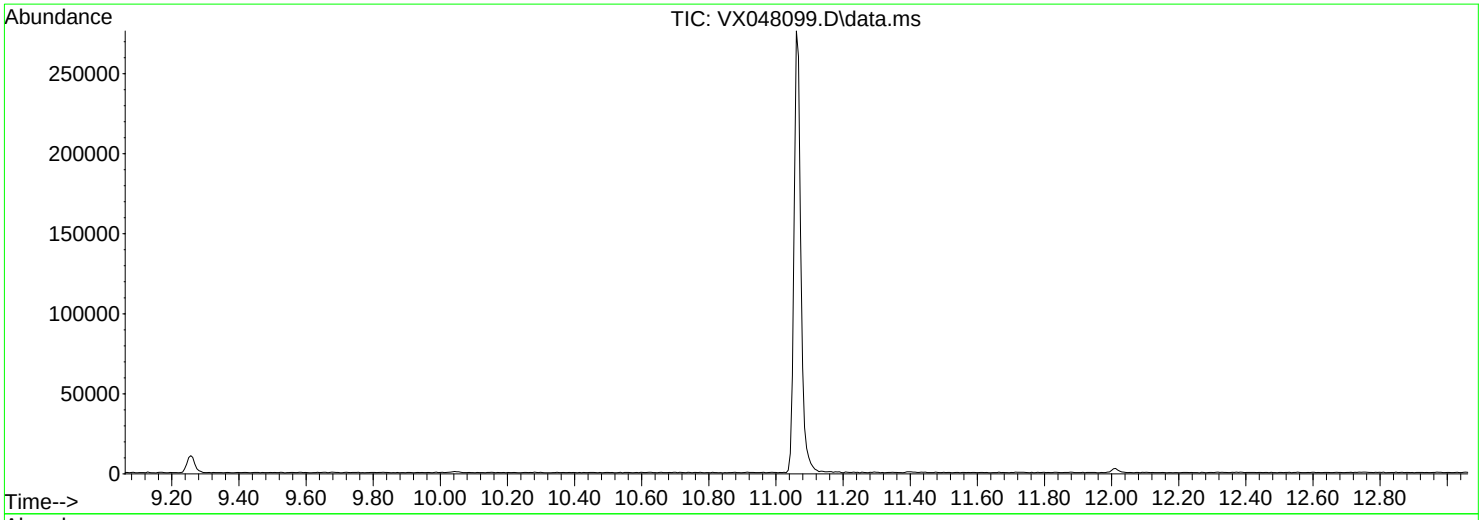
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.0	15566	PASS
75	95	30	60	54.0	41979	PASS
95	95	100	100	100.0	77717	PASS
96	95	5	9	7.0	5432	PASS
173	174	0.00	2	1.0	507	PASS
174	95	50	100	67.3	52275	PASS
175	174	5	9	8.1	4209	PASS
176	174	95	101	98.6	51560	PASS
177	176	5	9	6.4	3311	PASS

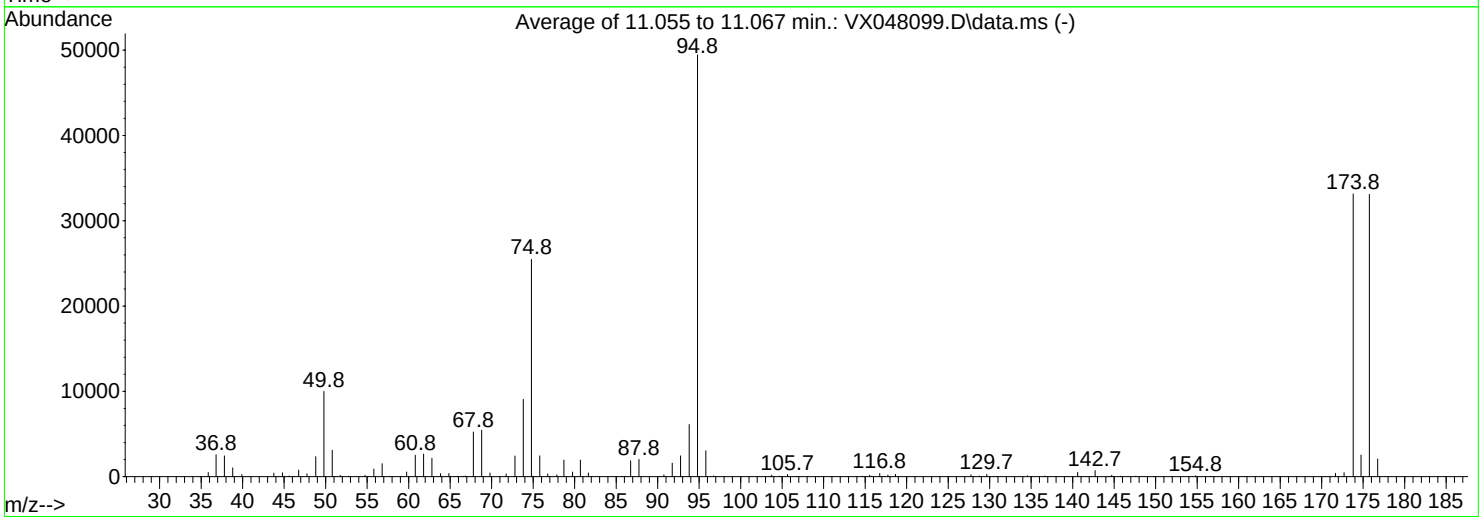
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048099.D
Acq On : 10 Oct 2025 08:36
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

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

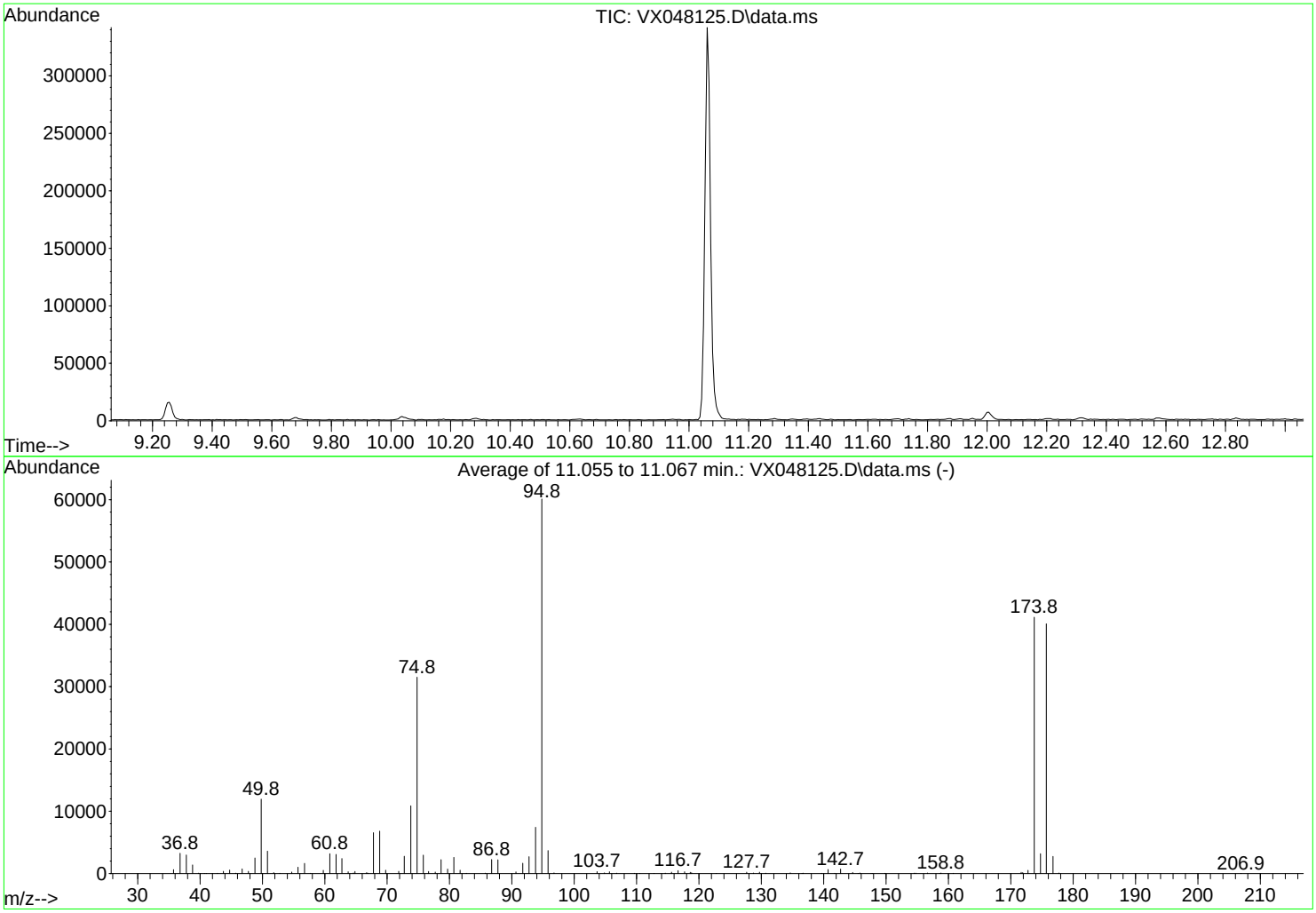
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	9993	PASS
75	95	30	60	51.5	25483	PASS
95	95	100	100	100.0	49448	PASS
96	95	5	9	6.2	3042	PASS
173	174	0.00	2	1.4	470	PASS
174	95	50	100	67.0	33144	PASS
175	174	5	9	7.6	2524	PASS
176	174	95	101	99.9	33096	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

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBL01	SDG No.:	Q3324
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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 11:33	VX101025
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/10/25 11:33	VX101025
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/10/25 11:33	VX101025
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/10/25 11:33	VX101025
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/10/25 11:33	VX101025
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/10/25 11:33	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 11:33	VX101025
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/10/25 11:33	VX101025
67-64-1	Acetone	3.80	U	1	1.50	3.80	5.00	ug/L	10/10/25 11:33	VX101025
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/10/25 11:33	VX101025
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 11:33	VX101025
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/10/25 11:33	VX101025
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/10/25 11:33	VX101025
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 11:33	VX101025
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 11:33	VX101025
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/10/25 11:33	VX101025
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/10/25 11:33	VX101025
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 11:33	VX101025
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/10/25 11:33	VX101025
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 11:33	VX101025
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/10/25 11:33	VX101025
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 11:33	VX101025
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 11:33	VX101025
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 11:33	VX101025
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 11:33	VX101025
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/10/25 11:33	VX101025
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 11:33	VX101025
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/10/25 11:33	VX101025
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/10/25 11:33	VX101025
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/10/25 11:33	VX101025
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/10/25 11:33	VX101025
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 11:33	VX101025
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/10/25 11:33	VX101025
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/10/25 11:33	VX101025
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/10/25 11:33	VX101025
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 11:33	VX101025
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/10/25 11:33	VX101025
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 11:33	VX101025
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/10/25 11:33	VX101025
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/10/25 11:33	VX101025
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 11:33	VX101025
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/10/25 11:33	VX101025
75-25-2	Bromoform	0.50	U	1	0.19	0.50	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:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBL01	SDG No.:	Q3324
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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/10/25 11:33	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/10/25 11:33	VX101025
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 11:33	VX101025
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/10/25 11:33	VX101025
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/10/25 11:33	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/10/25 11:33	VX101025
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/10/25 11:33	VX101025
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/10/25 11:33	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	49.5			81 - 118		99%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	49.5			89 - 112		99%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.5			85 - 114		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

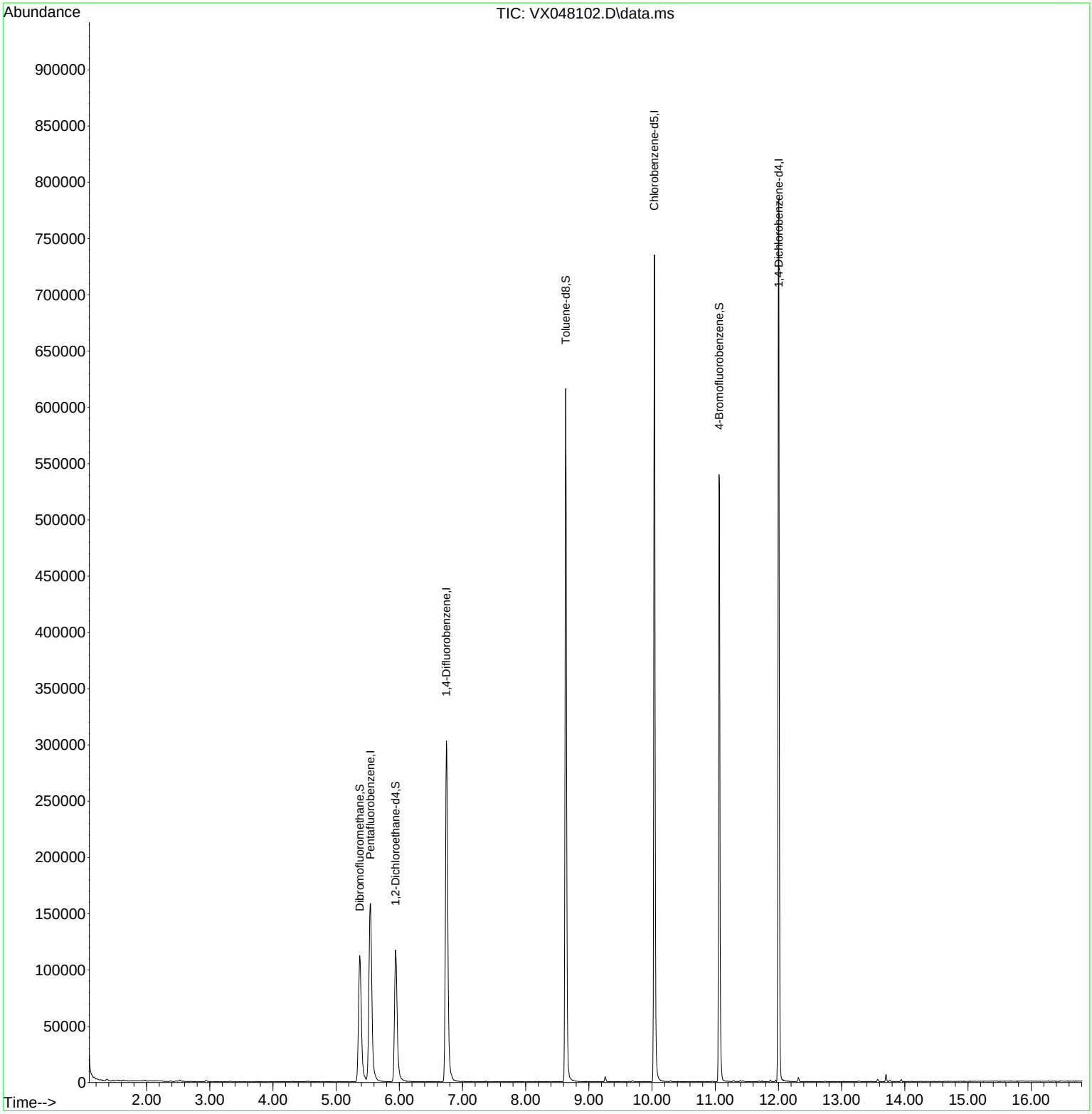
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	163530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	330351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	333490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	161186	50.000	ug/l	0.00
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

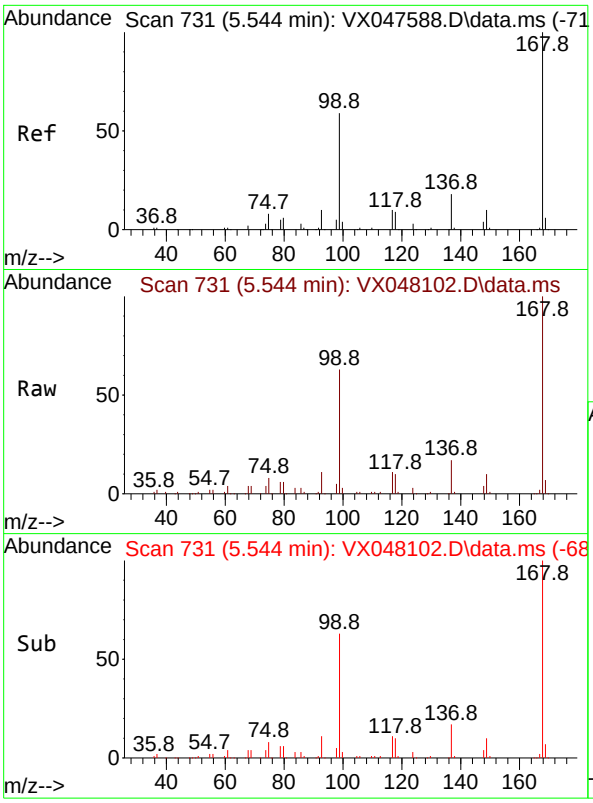
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



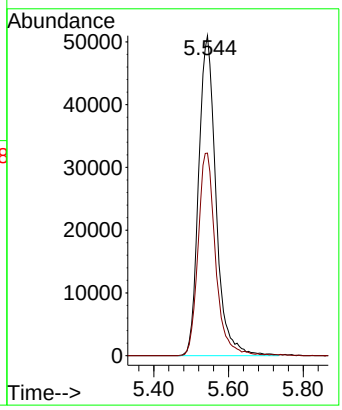


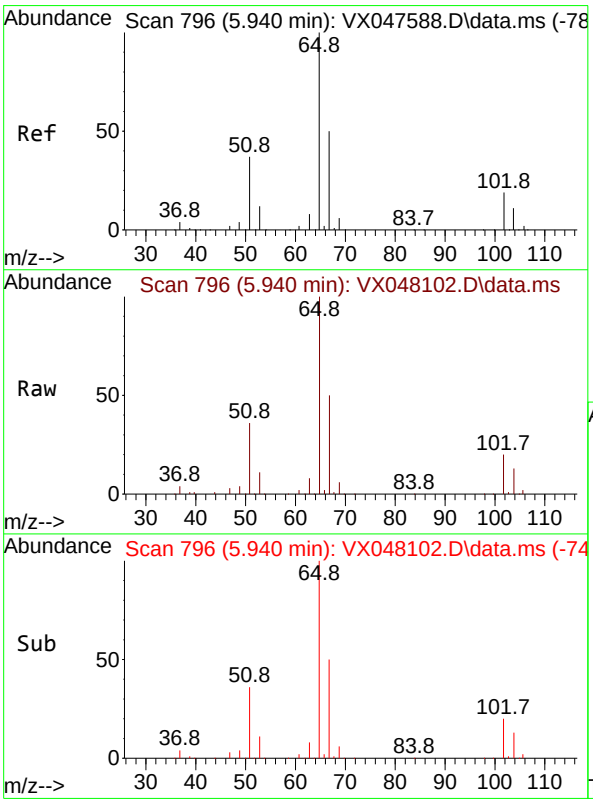
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Tgt Ion:168 Resp: 163530

Ion	Ratio	Lower	Upper
168	100		
99	63.3	48.8	73.2

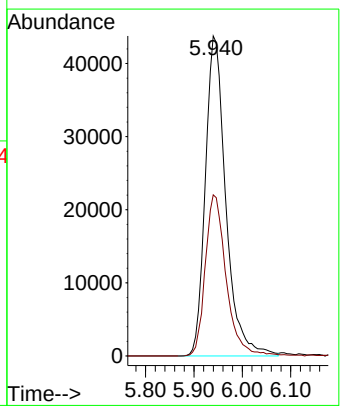


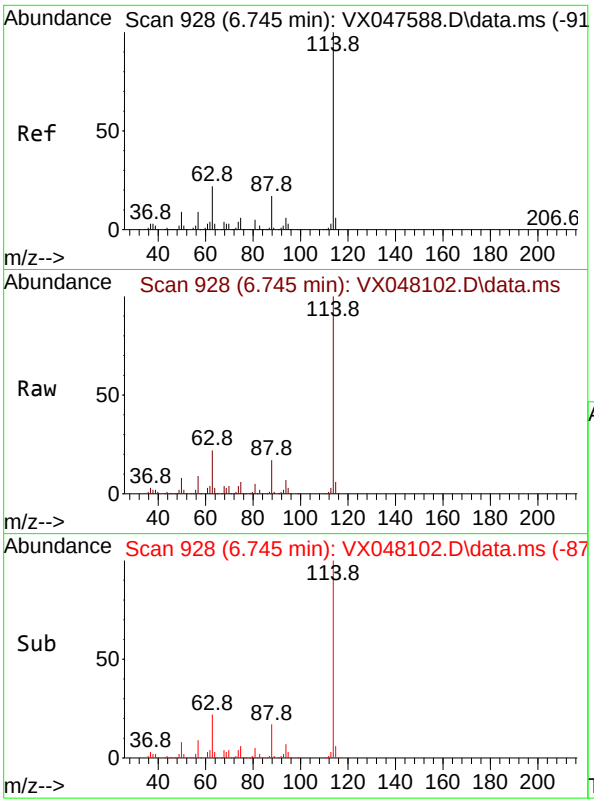


#33
1,2-Dichloroethane-d4
Concen: 49.488 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Tgt Ion: 65 Resp: 128816

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0



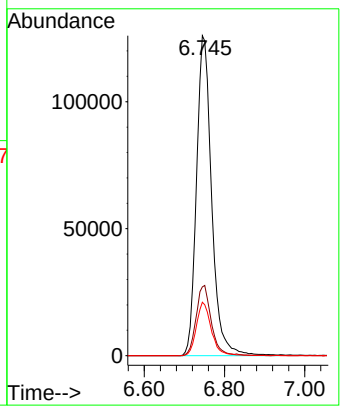


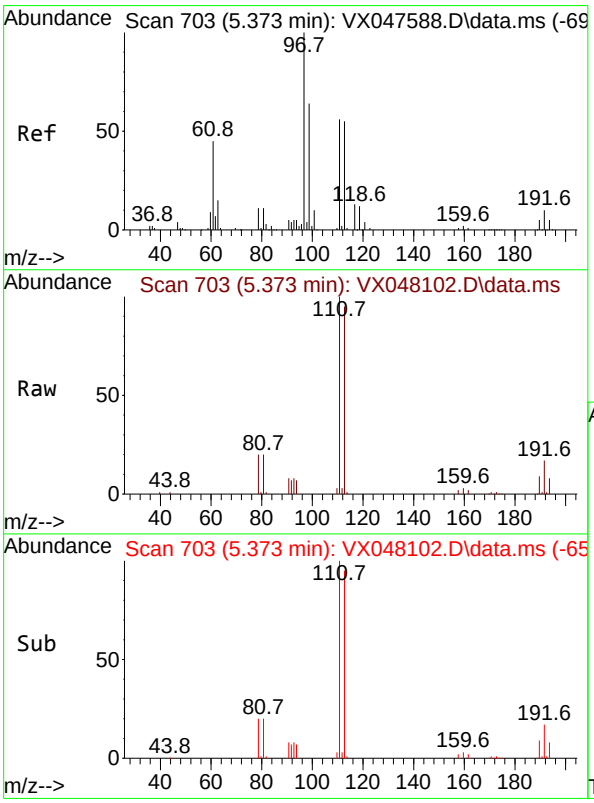
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

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

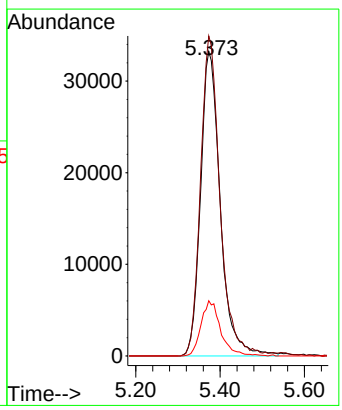


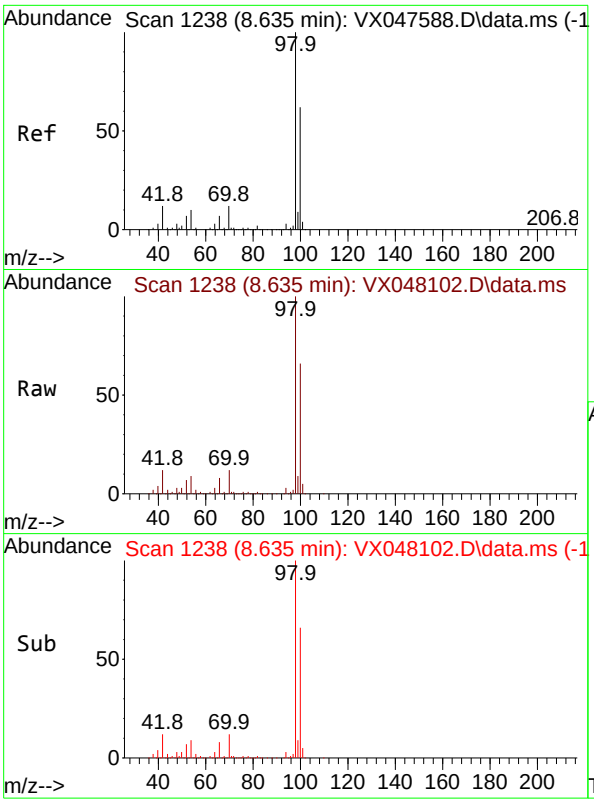


#35
Dibromofluoromethane
Concen: 48.876 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

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



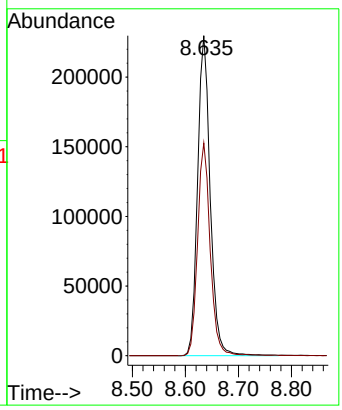


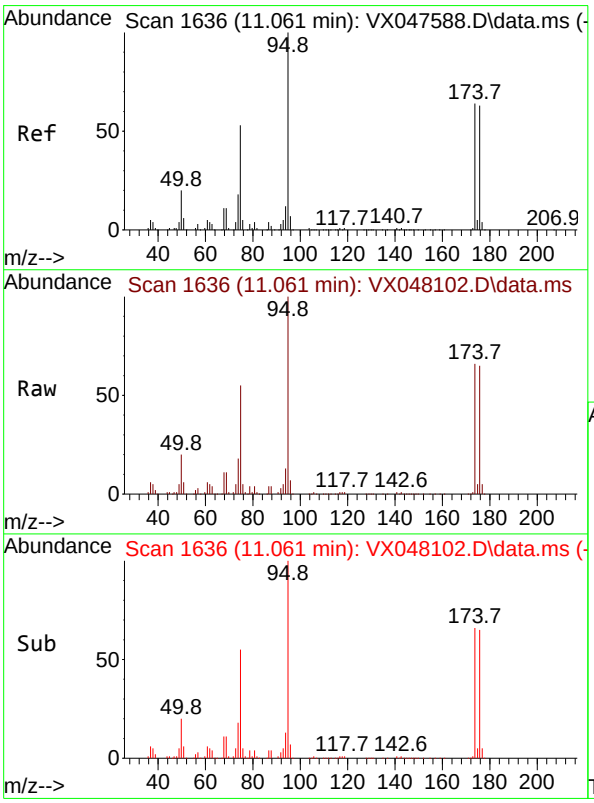
#50
Toluene-d8
Concen: 49.544 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBL01

Tgt Ion: 98 Resp: 379810

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

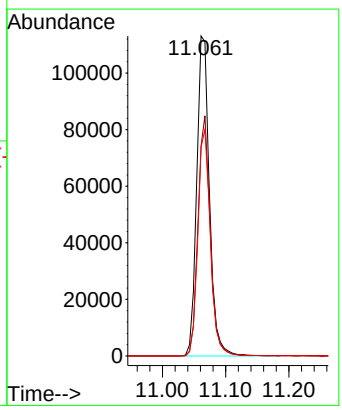


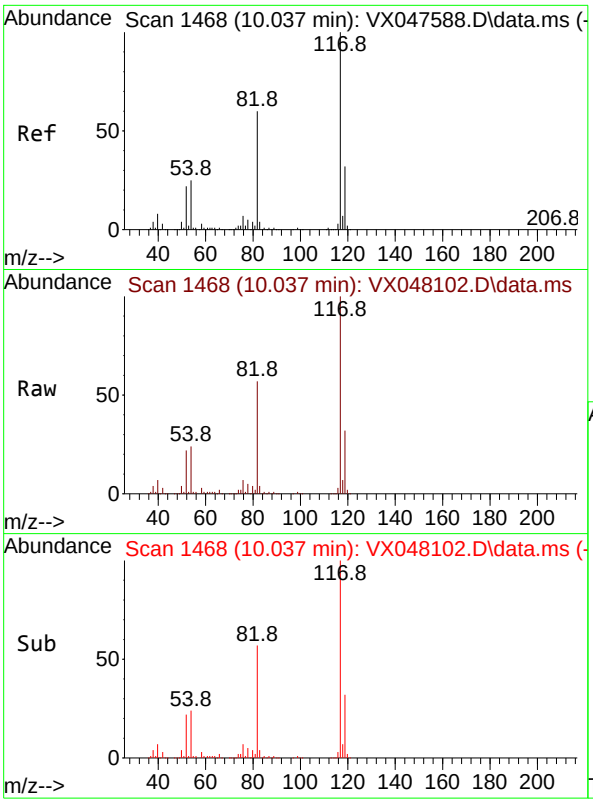


#62
4-Bromofluorobenzene
Concen: 54.503 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

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



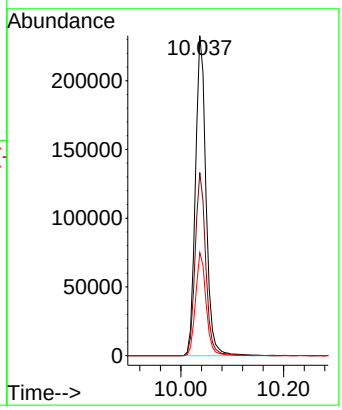


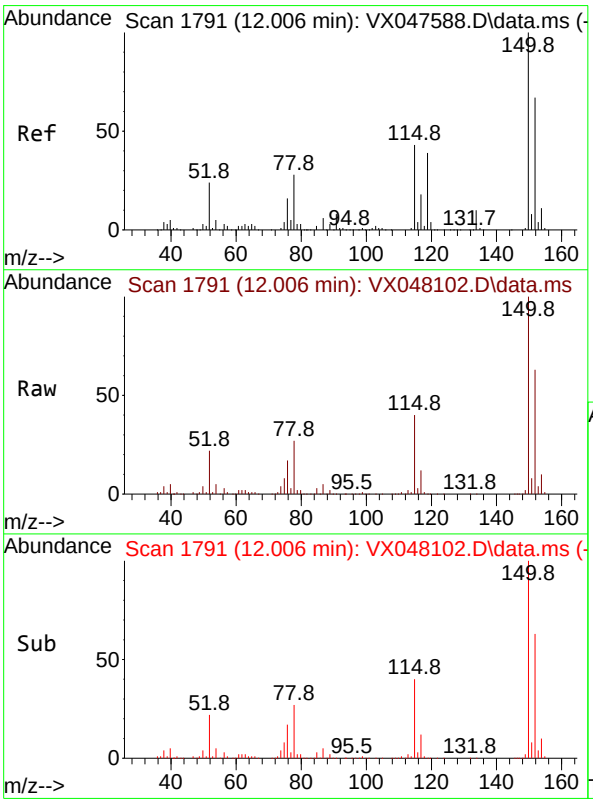
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

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

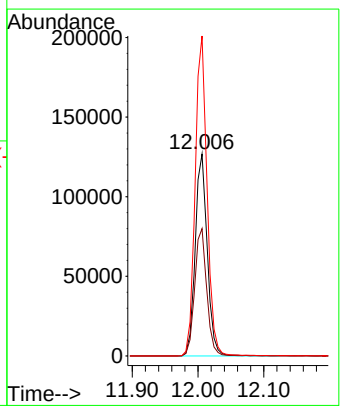




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048102.D
Acq: 10 Oct 2025 11:33

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



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

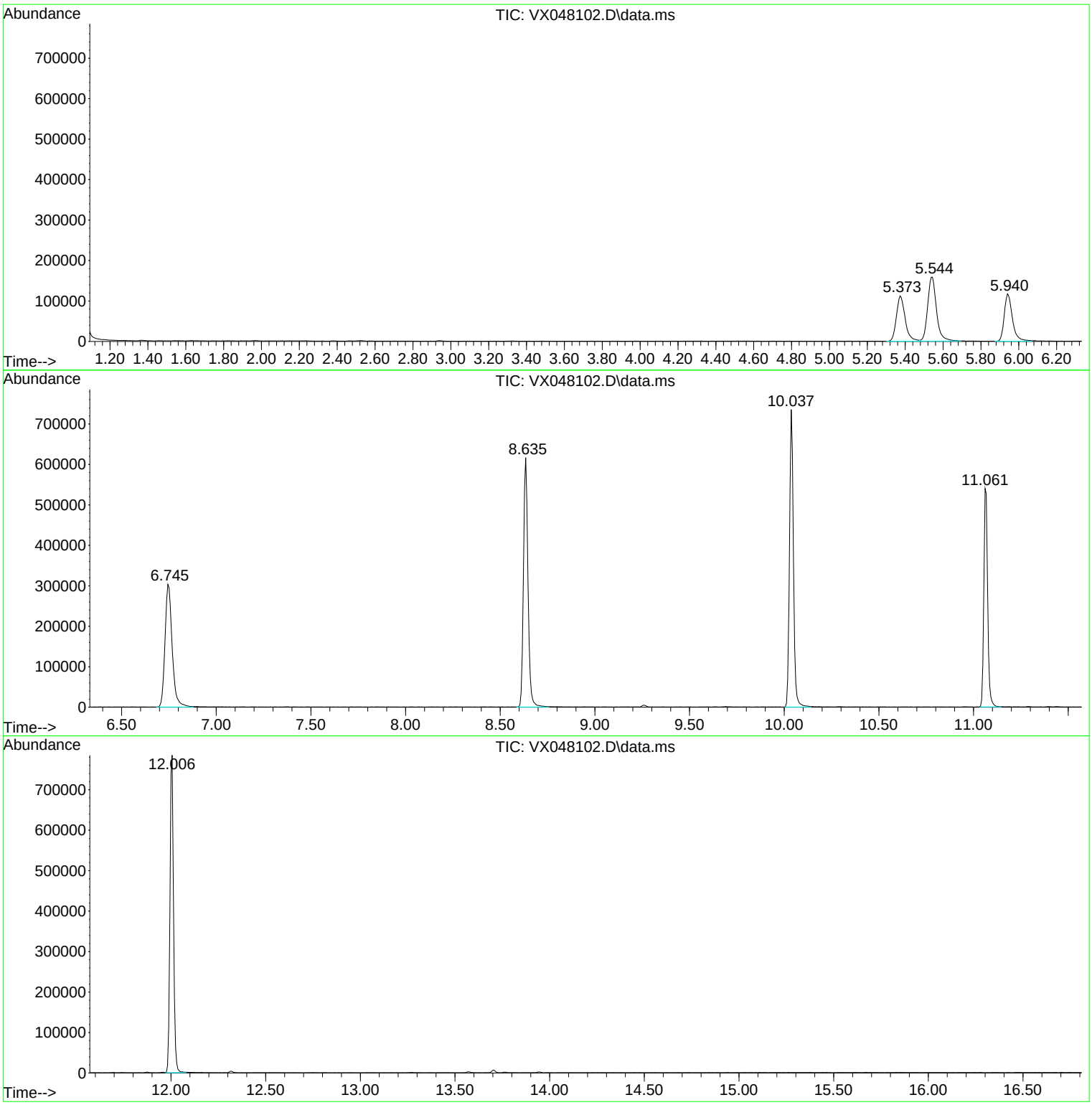
Sample Results: **VX048102.D**

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:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1013WBL01	SDG No.:	Q3324
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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 09:46	VX101325
74-87-3	Chloromethane	0.50	U	1	0.32	0.50	1.00	ug/L	10/13/25 09:46	VX101325
75-01-4	Vinyl Chloride	0.75	U	1	0.26	0.75	1.00	ug/L	10/13/25 09:46	VX101325
74-83-9	Bromomethane	3.80	U	1	1.40	3.80	5.00	ug/L	10/13/25 09:46	VX101325
75-00-3	Chloroethane	0.75	U	1	0.47	0.75	1.00	ug/L	10/13/25 09:46	VX101325
75-69-4	Trichlorofluoromethane	0.50	U	1	0.33	0.50	1.00	ug/L	10/13/25 09:46	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 09:46	VX101325
75-35-4	1,1-Dichloroethene	0.75	U	1	0.23	0.75	1.00	ug/L	10/13/25 09:46	VX101325
67-64-1	Acetone	3.80	U	1	1.50	3.80	5.00	ug/L	10/13/25 09:46	VX101325
75-15-0	Carbon Disulfide	0.75	U	1	0.21	0.75	1.00	ug/L	10/13/25 09:46	VX101325
1634-04-4	Methyl tert-butyl Ether	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 09:46	VX101325
79-20-9	Methyl Acetate	0.75	U	1	0.27	0.75	1.00	ug/L	10/13/25 09:46	VX101325
75-09-2	Methylene Chloride	0.50	U	1	0.28	0.50	1.00	ug/L	10/13/25 09:46	VX101325
156-60-5	trans-1,2-Dichloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 09:46	VX101325
75-34-3	1,1-Dichloroethane	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 09:46	VX101325
110-82-7	Cyclohexane	2.50	U	1	1.50	2.50	5.00	ug/L	10/13/25 09:46	VX101325
78-93-3	2-Butanone	2.50	U	1	0.98	2.50	5.00	ug/L	10/13/25 09:46	VX101325
56-23-5	Carbon Tetrachloride	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 09:46	VX101325
156-59-2	cis-1,2-Dichloroethene	0.75	U	1	0.19	0.75	1.00	ug/L	10/13/25 09:46	VX101325
74-97-5	Bromochloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 09:46	VX101325
67-66-3	Chloroform	0.50	U	1	0.25	0.50	1.00	ug/L	10/13/25 09:46	VX101325
71-55-6	1,1,1-Trichloroethane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 09:46	VX101325
108-87-2	Methylcyclohexane	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 09:46	VX101325
71-43-2	Benzene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 09:46	VX101325
107-06-2	1,2-Dichloroethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 09:46	VX101325
79-01-6	Trichloroethene	0.75	U	1	0.090	0.75	1.00	ug/L	10/13/25 09:46	VX101325
78-87-5	1,2-Dichloropropane	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 09:46	VX101325
75-27-4	Bromodichloromethane	0.50	U	1	0.22	0.50	1.00	ug/L	10/13/25 09:46	VX101325
108-10-1	4-Methyl-2-Pentanone	2.50	U	1	0.68	2.50	5.00	ug/L	10/13/25 09:46	VX101325
108-88-3	Toluene	0.50	U	1	0.14	0.50	1.00	ug/L	10/13/25 09:46	VX101325
10061-02-6	t-1,3-Dichloropropene	0.50	U	1	0.17	0.50	1.00	ug/L	10/13/25 09:46	VX101325
10061-01-5	cis-1,3-Dichloropropene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 09:46	VX101325
79-00-5	1,1,2-Trichloroethane	0.50	U	1	0.21	0.50	1.00	ug/L	10/13/25 09:46	VX101325
591-78-6	2-Hexanone	2.50	U	1	0.89	2.50	5.00	ug/L	10/13/25 09:46	VX101325
124-48-1	Dibromochloromethane	0.50	U	1	0.18	0.50	1.00	ug/L	10/13/25 09:46	VX101325
106-93-4	1,2-Dibromoethane	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 09:46	VX101325
127-18-4	Tetrachloroethene	0.50	U	1	0.23	0.50	1.00	ug/L	10/13/25 09:46	VX101325
108-90-7	Chlorobenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 09:46	VX101325
100-41-4	Ethyl Benzene	0.50	U	1	0.13	0.50	1.00	ug/L	10/13/25 09:46	VX101325
179601-23-1	m/p-Xylenes	1.00	U	1	0.24	1.00	2.00	ug/L	10/13/25 09:46	VX101325
95-47-6	o-Xylene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 09:46	VX101325
100-42-5	Styrene	0.50	U	1	0.15	0.50	1.00	ug/L	10/13/25 09:46	VX101325
75-25-2	Bromoform	0.50	U	1	0.19	0.50	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:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1013WBL01	SDG No.:	Q3324
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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	0.50	U	1	0.12	0.50	1.00	ug/L	10/13/25 09:46	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	1	0.26	0.50	1.00	ug/L	10/13/25 09:46	VX101325
541-73-1	1,3-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 09:46	VX101325
106-46-7	1,4-Dichlorobenzene	0.50	U	1	0.19	0.50	1.00	ug/L	10/13/25 09:46	VX101325
95-50-1	1,2-Dichlorobenzene	0.50	U	1	0.16	0.50	1.00	ug/L	10/13/25 09:46	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U	1	0.53	0.75	1.00	ug/L	10/13/25 09:46	VX101325
120-82-1	1,2,4-Trichlorobenzene	0.50	U	1	0.20	0.50	1.00	ug/L	10/13/25 09:46	VX101325
87-61-6	1,2,3-Trichlorobenzene	0.75	U	1	0.20	0.75	1.00	ug/L	10/13/25 09:46	VX101325
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	49.8			81 - 118		100%	SPK: 50		
1868-53-7	Dibromofluoromethane	48.9			80 - 119		98%	SPK: 50		
2037-26-5	Toluene-d8	48.3			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.5			85 - 114		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%			

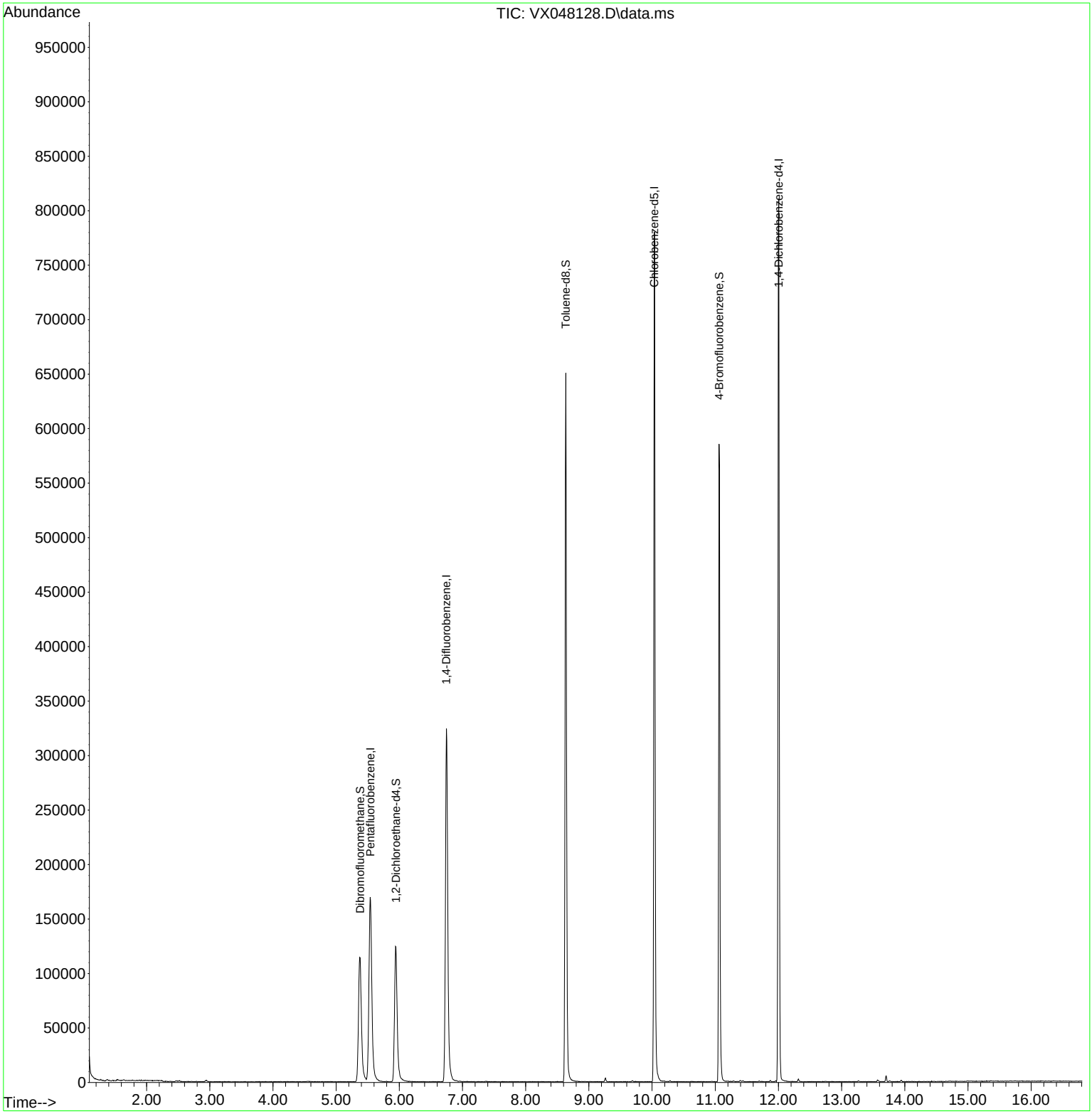
Target Compounds Qvalue

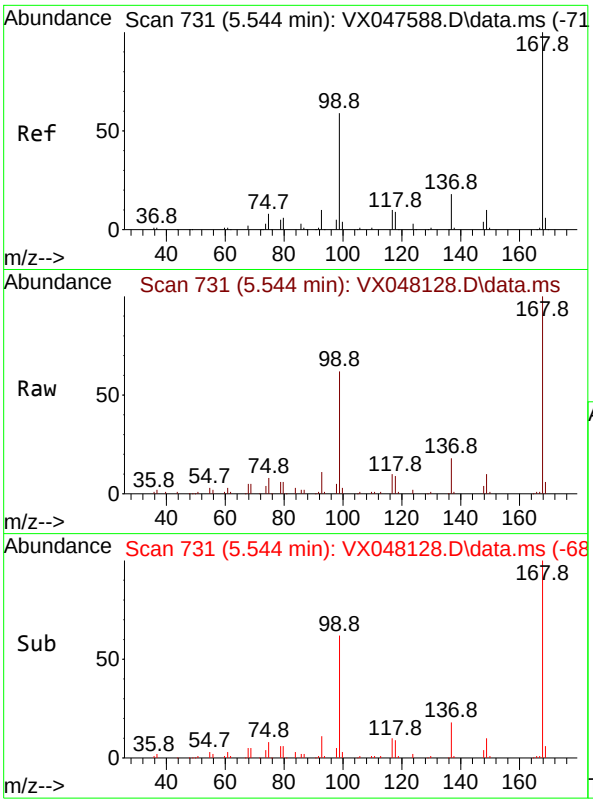
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



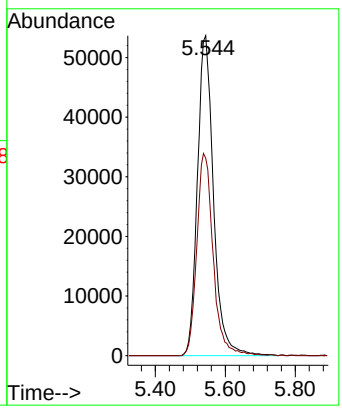


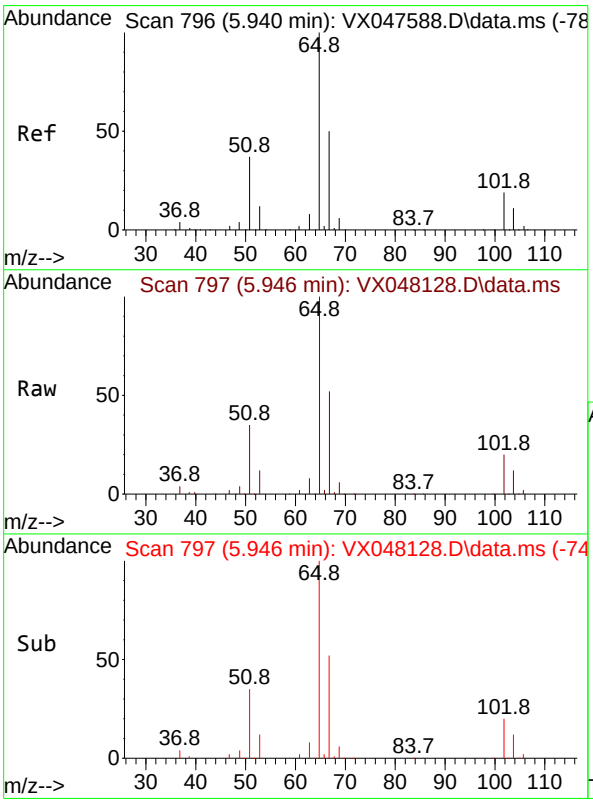
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Tgt Ion:168 Resp: 171399

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2

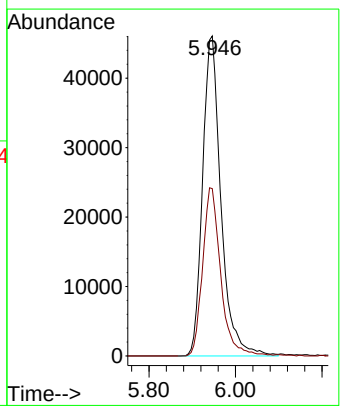


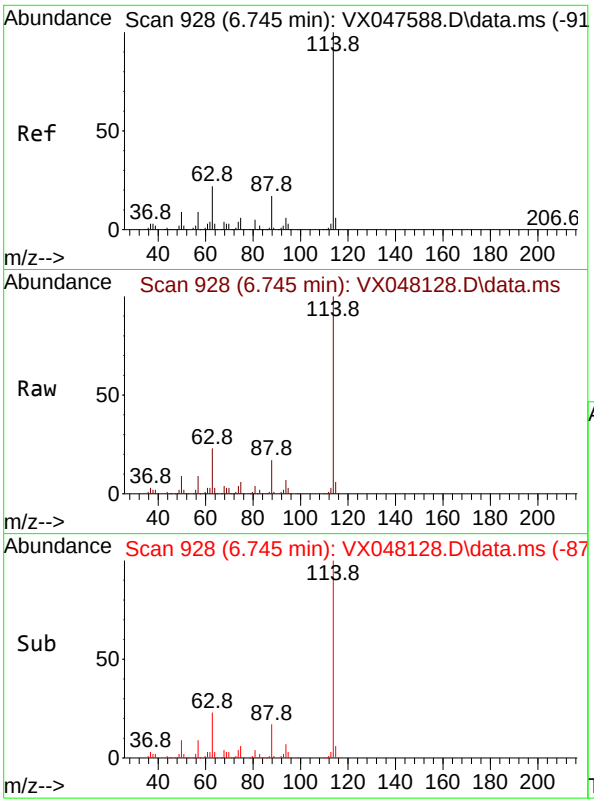


#33
1,2-Dichloroethane-d4
Concen: 49.799 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Tgt Ion: 65 Resp: 135864

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0



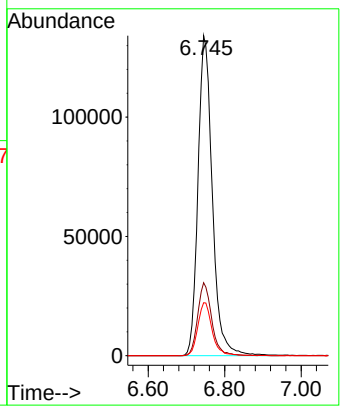


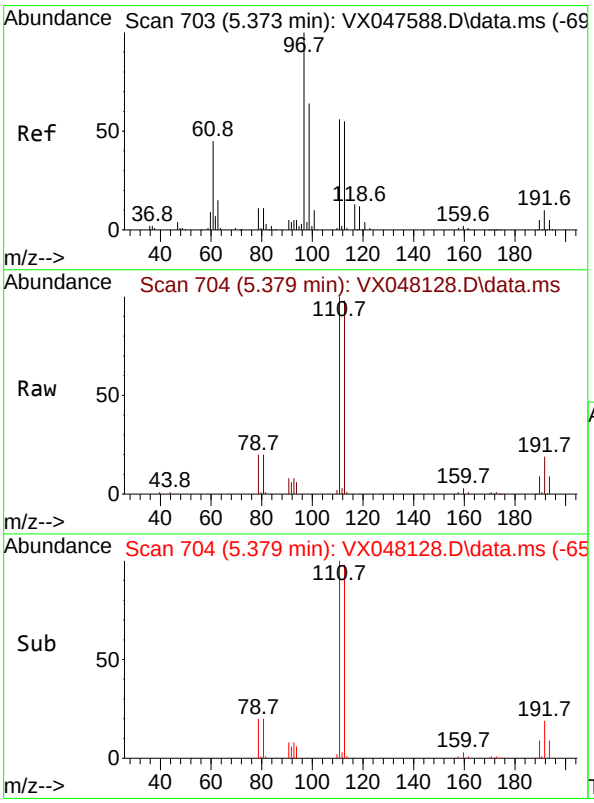
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

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

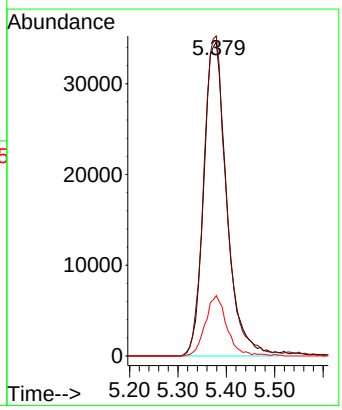


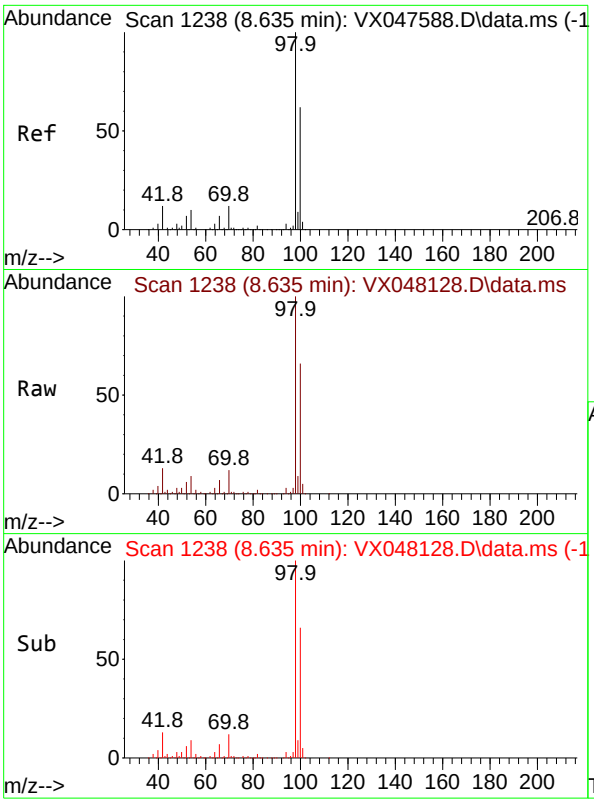


#35
Dibromofluoromethane
Concen: 48.916 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

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



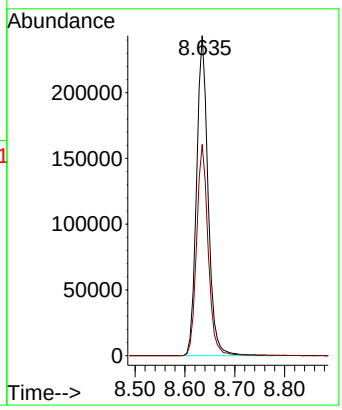


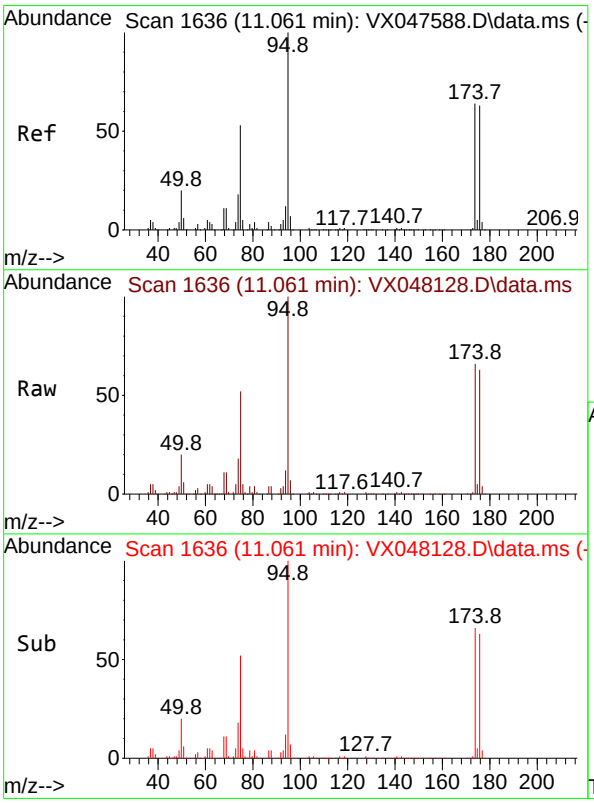
#50
Toluene-d8
Concen: 48.262 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBL01

Tgt Ion: 98 Resp: 390815

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

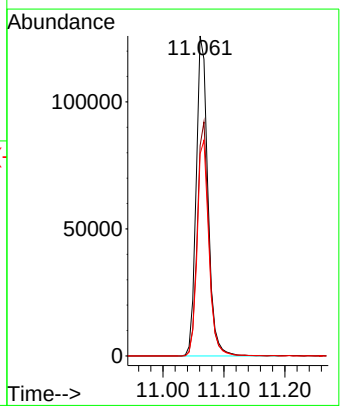


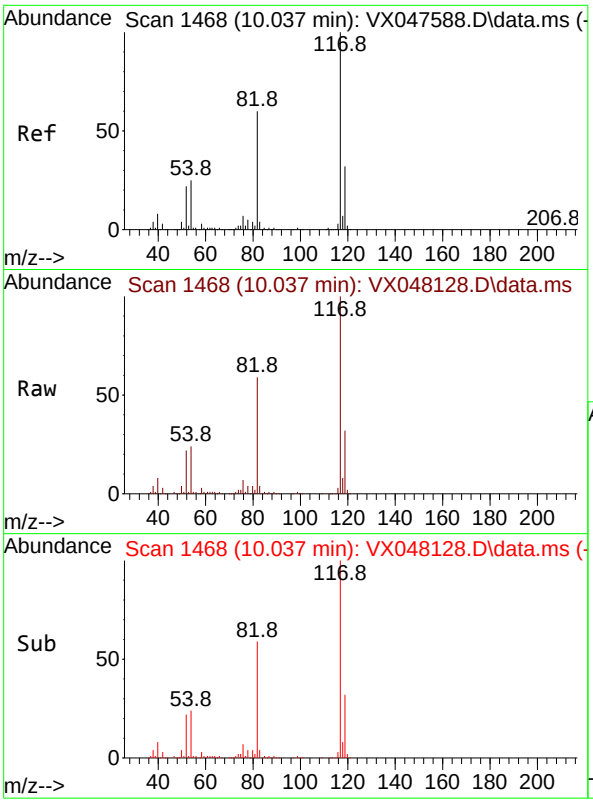


#62
4-Bromofluorobenzene
Concen: 54.521 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

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



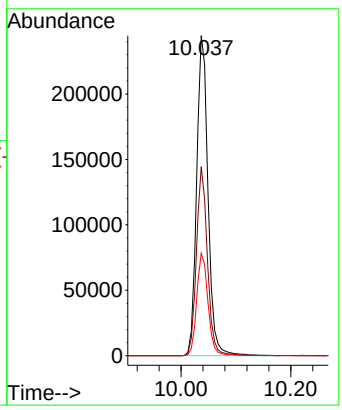


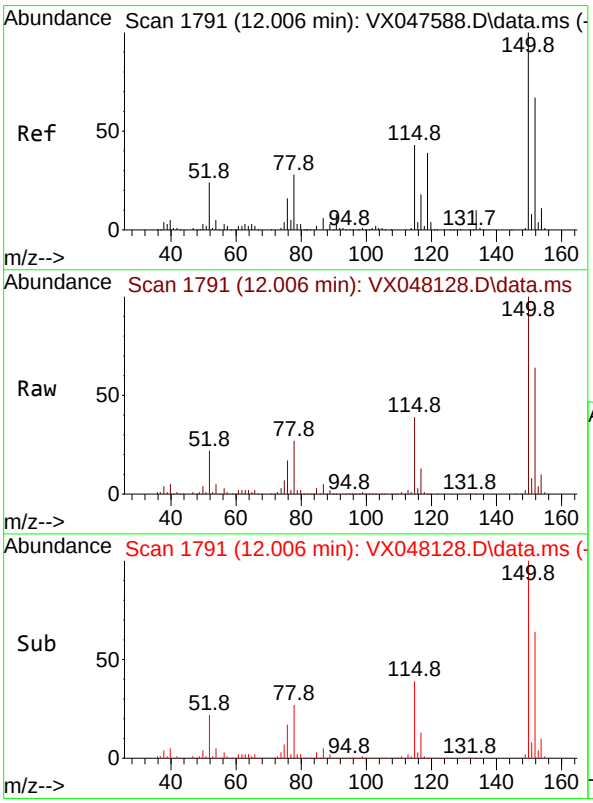
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

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

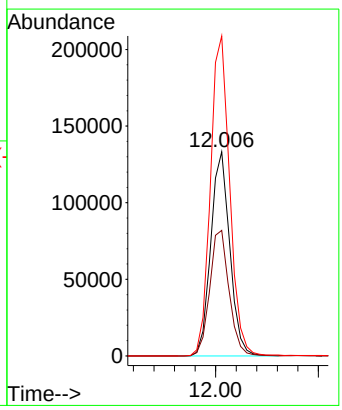




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048128.D
Acq: 13 Oct 2025 09:46

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

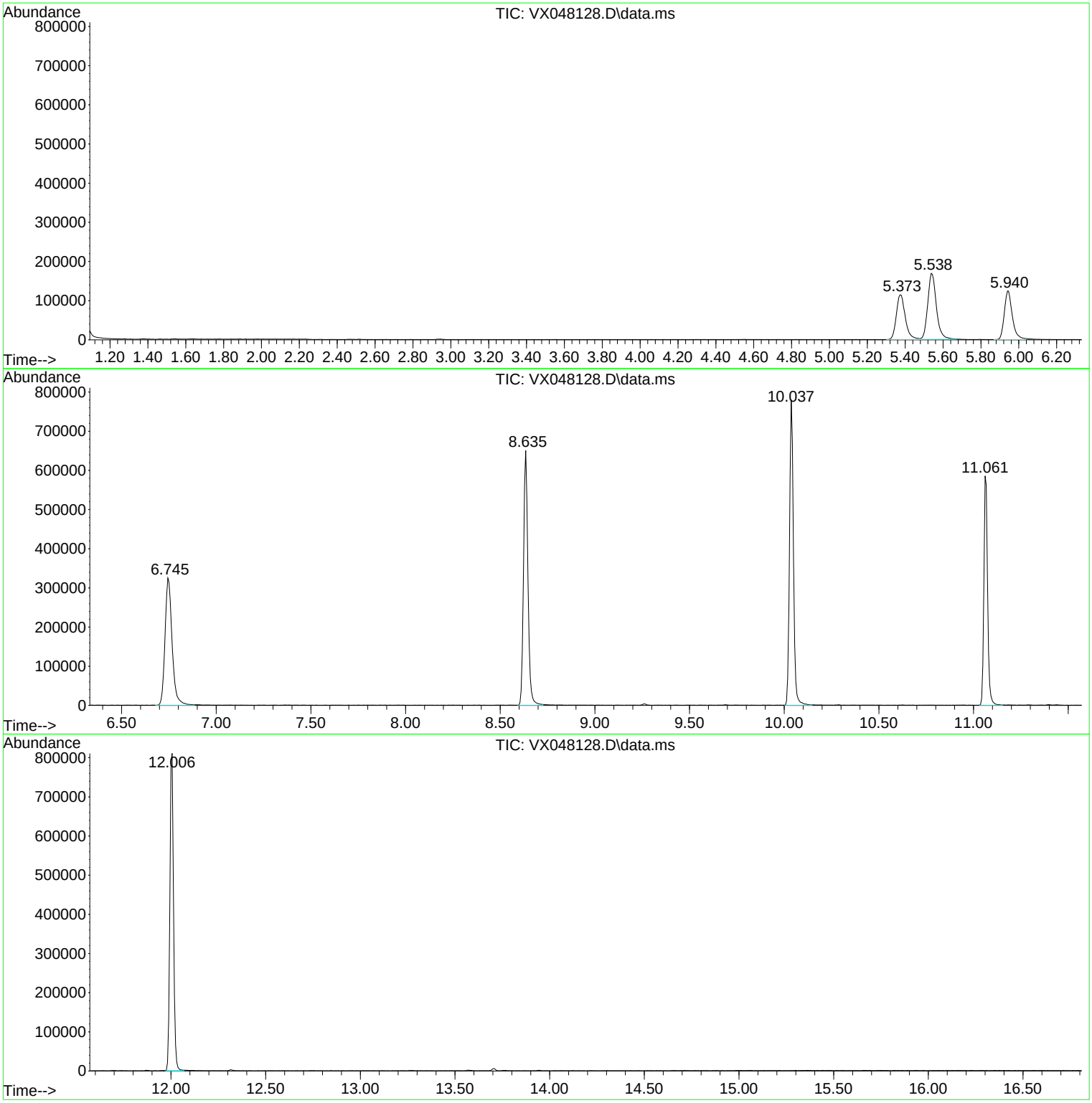
Sample Results: **VX048128.D**

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:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBS01	SDG No.:	Q3324
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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	20.7		1	0.22	0.50	1.00	ug/L	10/10/25 12:30	VX101025
74-87-3	Chloromethane	17.6		1	0.32	0.50	1.00	ug/L	10/10/25 12:30	VX101025
75-01-4	Vinyl Chloride	19.2		1	0.26	0.75	1.00	ug/L	10/10/25 12:30	VX101025
74-83-9	Bromomethane	20.6		1	1.40	3.80	5.00	ug/L	10/10/25 12:30	VX101025
75-00-3	Chloroethane	18.7		1	0.47	0.75	1.00	ug/L	10/10/25 12:30	VX101025
75-69-4	Trichlorofluoromethane	19.8		1	0.33	0.50	1.00	ug/L	10/10/25 12:30	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		1	0.25	0.50	1.00	ug/L	10/10/25 12:30	VX101025
75-35-4	1,1-Dichloroethene	18.5		1	0.23	0.75	1.00	ug/L	10/10/25 12:30	VX101025
67-64-1	Acetone	67.1		1	1.50	3.80	5.00	ug/L	10/10/25 12:30	VX101025
75-15-0	Carbon Disulfide	20.2		1	0.21	0.75	1.00	ug/L	10/10/25 12:30	VX101025
1634-04-4	Methyl tert-butyl Ether	16.3		1	0.16	0.50	1.00	ug/L	10/10/25 12:30	VX101025
79-20-9	Methyl Acetate	14.2		1	0.27	0.75	1.00	ug/L	10/10/25 12:30	VX101025
75-09-2	Methylene Chloride	17.6		1	0.28	0.50	1.00	ug/L	10/10/25 12:30	VX101025
156-60-5	trans-1,2-Dichloroethene	18.3		1	0.23	0.50	1.00	ug/L	10/10/25 12:30	VX101025
75-34-3	1,1-Dichloroethane	17.5		1	0.23	0.50	1.00	ug/L	10/10/25 12:30	VX101025
110-82-7	Cyclohexane	19.2		1	1.50	2.50	5.00	ug/L	10/10/25 12:30	VX101025
78-93-3	2-Butanone	71.9		1	0.98	2.50	5.00	ug/L	10/10/25 12:30	VX101025
56-23-5	Carbon Tetrachloride	19.5		1	0.25	0.50	1.00	ug/L	10/10/25 12:30	VX101025
156-59-2	cis-1,2-Dichloroethene	17.7		1	0.19	0.75	1.00	ug/L	10/10/25 12:30	VX101025
74-97-5	Bromochloromethane	24.4		1	0.22	0.50	1.00	ug/L	10/10/25 12:30	VX101025
67-66-3	Chloroform	18.5		1	0.25	0.50	1.00	ug/L	10/10/25 12:30	VX101025
71-55-6	1,1,1-Trichloroethane	18.3		1	0.20	0.50	1.00	ug/L	10/10/25 12:30	VX101025
108-87-2	Methylcyclohexane	20.4		1	0.16	0.50	1.00	ug/L	10/10/25 12:30	VX101025
71-43-2	Benzene	19.2		1	0.15	0.50	1.00	ug/L	10/10/25 12:30	VX101025
107-06-2	1,2-Dichloroethane	18.7		1	0.22	0.50	1.00	ug/L	10/10/25 12:30	VX101025
79-01-6	Trichloroethene	18.9		1	0.090	0.75	1.00	ug/L	10/10/25 12:30	VX101025
78-87-5	1,2-Dichloropropane	18.9		1	0.20	0.50	1.00	ug/L	10/10/25 12:30	VX101025
75-27-4	Bromodichloromethane	18.9		1	0.22	0.50	1.00	ug/L	10/10/25 12:30	VX101025
108-10-1	4-Methyl-2-Pentanone	81.3		1	0.68	2.50	5.00	ug/L	10/10/25 12:30	VX101025
108-88-3	Toluene	19.1		1	0.14	0.50	1.00	ug/L	10/10/25 12:30	VX101025
10061-02-6	t-1,3-Dichloropropene	18.3		1	0.17	0.50	1.00	ug/L	10/10/25 12:30	VX101025
10061-01-5	cis-1,3-Dichloropropene	18.7		1	0.16	0.50	1.00	ug/L	10/10/25 12:30	VX101025
79-00-5	1,1,2-Trichloroethane	18.5		1	0.21	0.50	1.00	ug/L	10/10/25 12:30	VX101025
591-78-6	2-Hexanone	76.5		1	0.89	2.50	5.00	ug/L	10/10/25 12:30	VX101025
124-48-1	Dibromochloromethane	19.5		1	0.18	0.50	1.00	ug/L	10/10/25 12:30	VX101025
106-93-4	1,2-Dibromoethane	18.7		1	0.15	0.50	1.00	ug/L	10/10/25 12:30	VX101025
127-18-4	Tetrachloroethene	20.0		1	0.23	0.50	1.00	ug/L	10/10/25 12:30	VX101025
108-90-7	Chlorobenzene	18.6		1	0.12	0.50	1.00	ug/L	10/10/25 12:30	VX101025
100-41-4	Ethyl Benzene	18.2		1	0.13	0.50	1.00	ug/L	10/10/25 12:30	VX101025
179601-23-1	m/p-Xylenes	36.7		1	0.24	1.00	2.00	ug/L	10/10/25 12:30	VX101025
95-47-6	o-Xylene	18.2		1	0.12	0.50	1.00	ug/L	10/10/25 12:30	VX101025
100-42-5	Styrene	17.9		1	0.15	0.50	1.00	ug/L	10/10/25 12:30	VX101025
75-25-2	Bromoform	18.0		1	0.19	0.50	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:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBS01	SDG No.:	Q3324
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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	17.5		1	0.12	0.50	1.00	ug/L	10/10/25 12:30	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	17.0		1	0.26	0.50	1.00	ug/L	10/10/25 12:30	VX101025
541-73-1	1,3-Dichlorobenzene	17.5		1	0.16	0.50	1.00	ug/L	10/10/25 12:30	VX101025
106-46-7	1,4-Dichlorobenzene	17.4		1	0.19	0.50	1.00	ug/L	10/10/25 12:30	VX101025
95-50-1	1,2-Dichlorobenzene	17.4		1	0.16	0.50	1.00	ug/L	10/10/25 12:30	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	13.9		1	0.53	0.75	1.00	ug/L	10/10/25 12:30	VX101025
120-82-1	1,2,4-Trichlorobenzene	16.1		1	0.20	0.50	1.00	ug/L	10/10/25 12:30	VX101025
87-61-6	1,2,3-Trichlorobenzene	16.1		1	0.20	0.75	1.00	ug/L	10/10/25 12:30	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	45.4			81 - 118		91%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.1			80 - 119		100%	SPK: 50		
2037-26-5	Toluene-d8	48.3			89 - 112		97%	SPK: 50		
460-00-4	4-Bromofluorobenzene	49.2			85 - 114		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

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

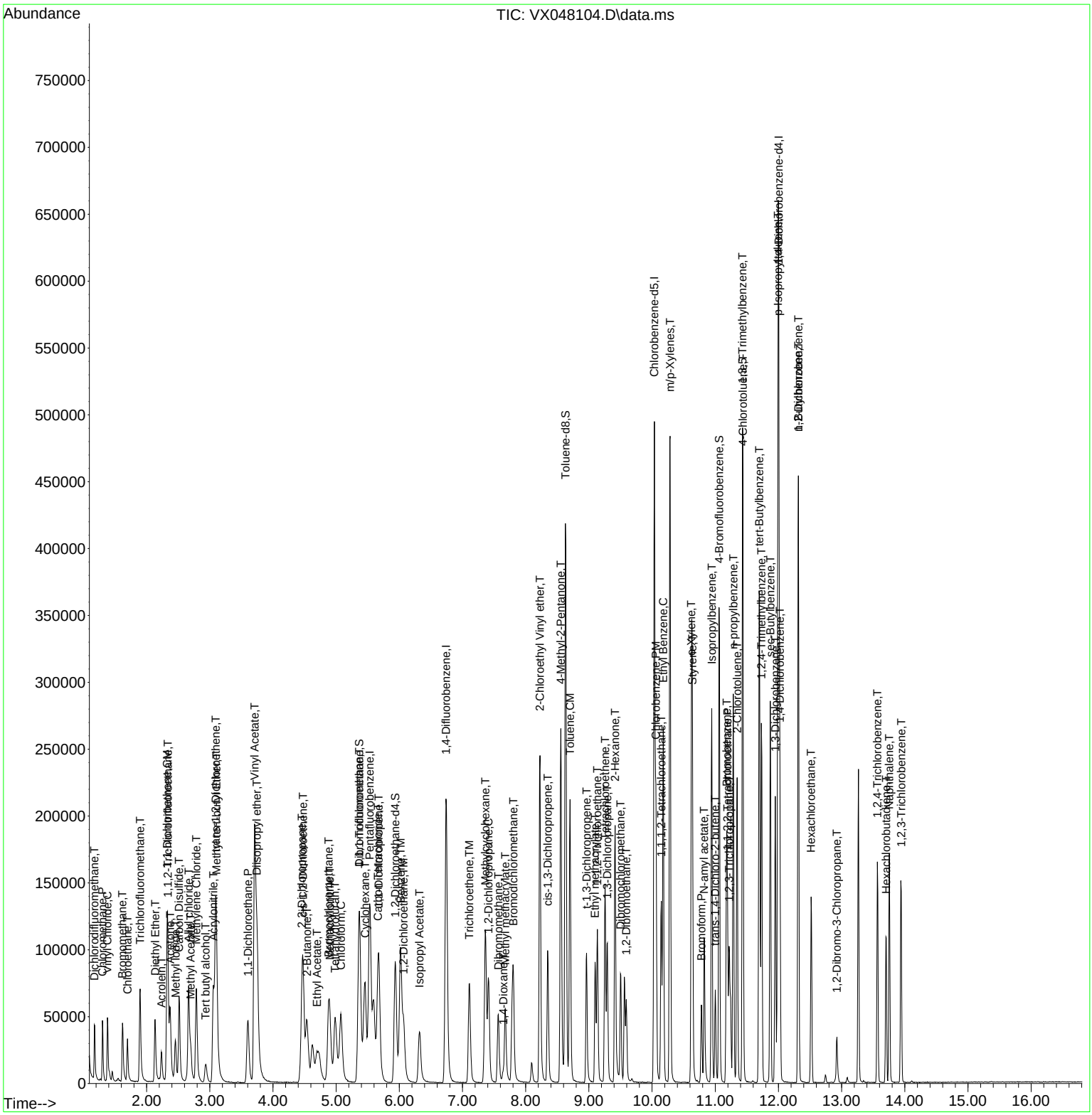
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048104.D
Acq On : 10 Oct 2025 12:30
Operator : JC/MD
Sample : VX1010WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

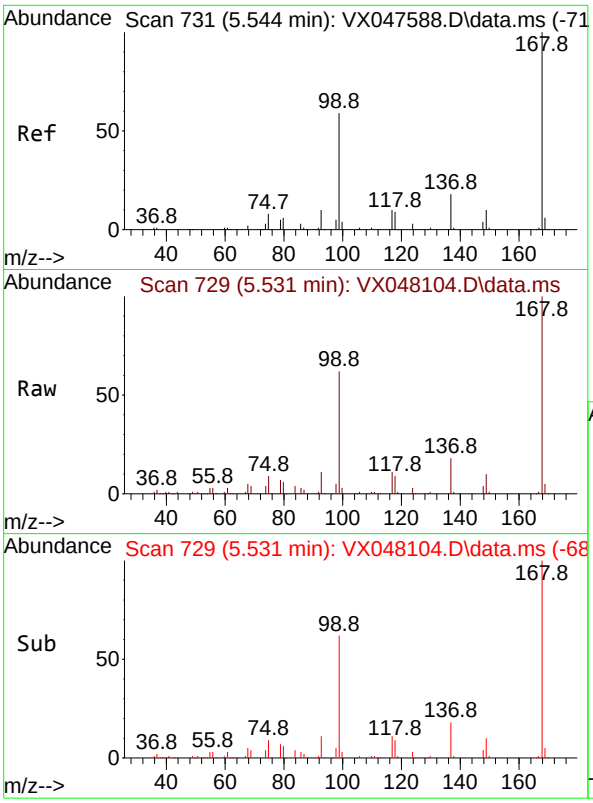
Quant Time: Oct 10 22:56:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

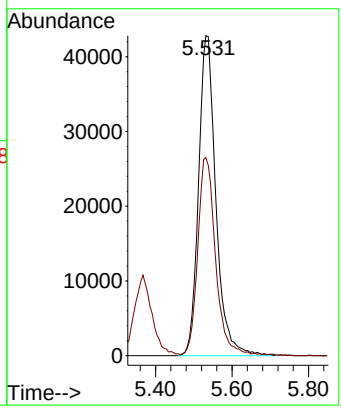




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:168 Resp: 13484

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
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Reviewed By :John Carlone 10/13/2025
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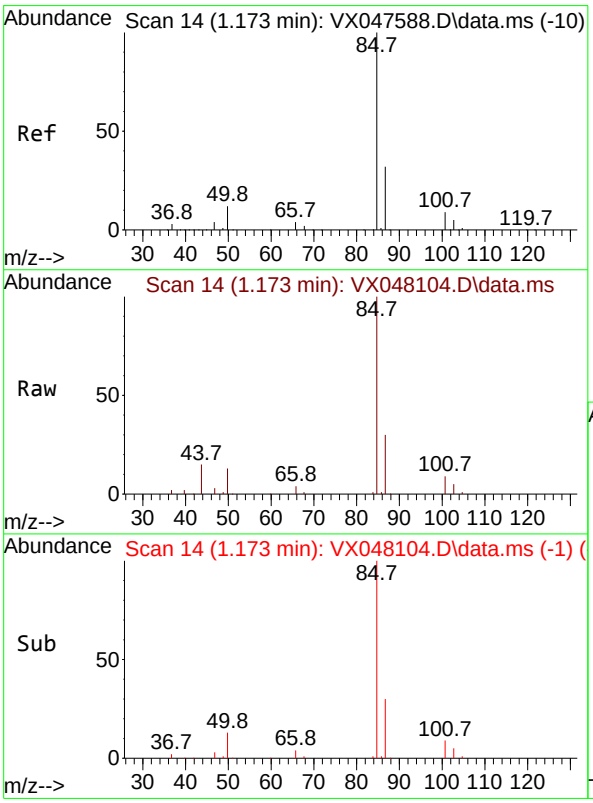
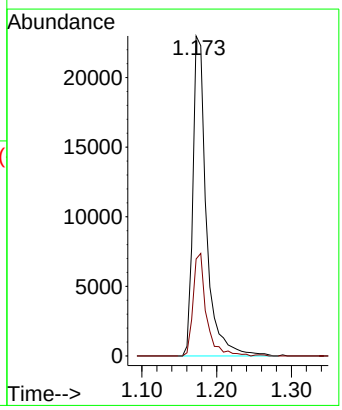
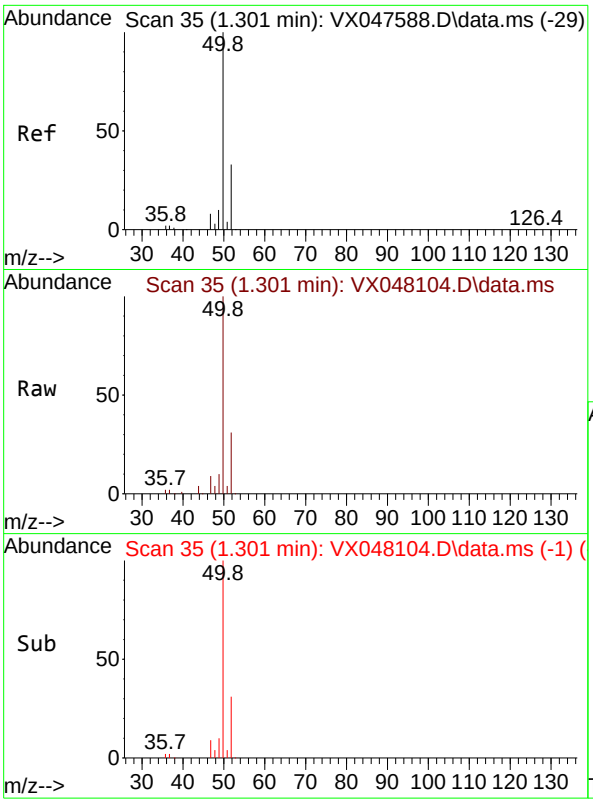


#2
Dichlorodifluoromethane
Concen: 20.662 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 85 Resp: 28850

Ion	Ratio	Lower	Upper
85	100		
87	30.3	15.8	47.3

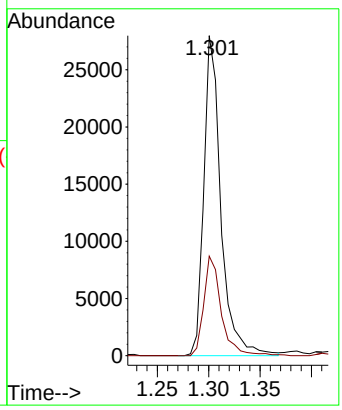




#3
Chloromethane
Concen: 17.646 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 50 Resp: 3238

Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
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Reviewed By :John Carlone 10/13/2025
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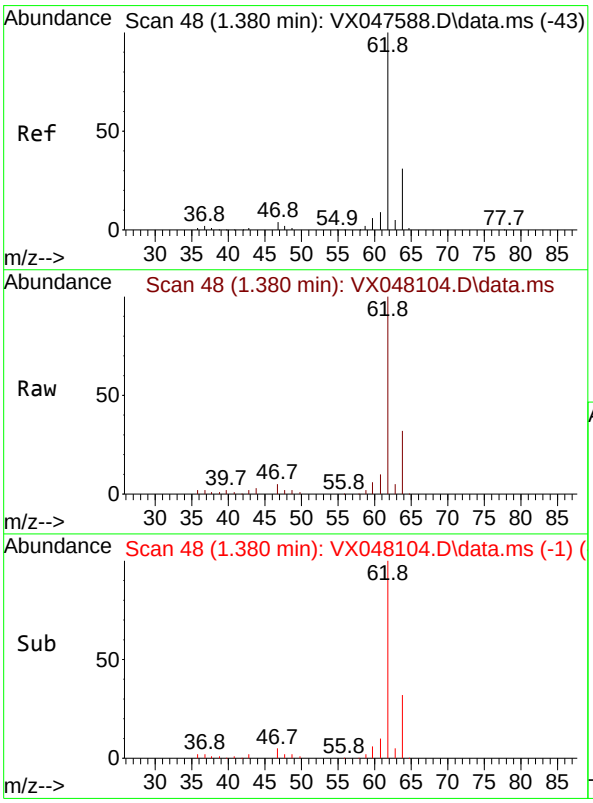
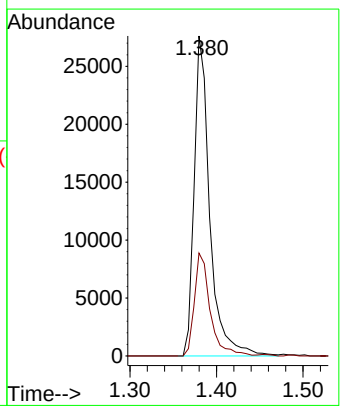
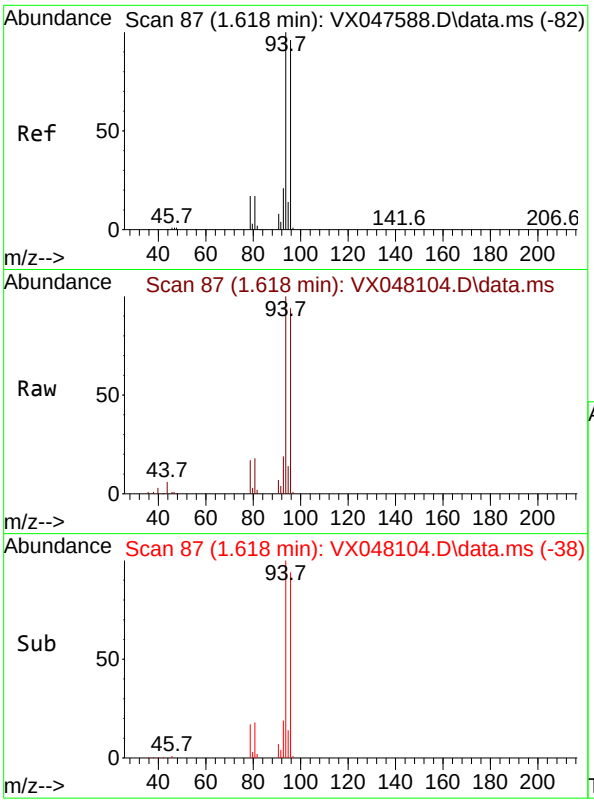


#4
Vinyl Chloride
Concen: 19.248 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 62 Resp: 34576

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.9	37.3

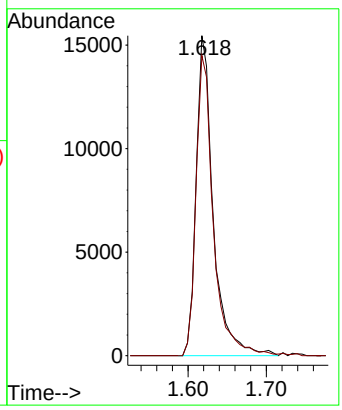




#5
Bromomethane
Concen: 20.591 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 94 Resp: 2345

Ion	Ratio	Lower	Upper
94	100		
96	93.7	76.6	115.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
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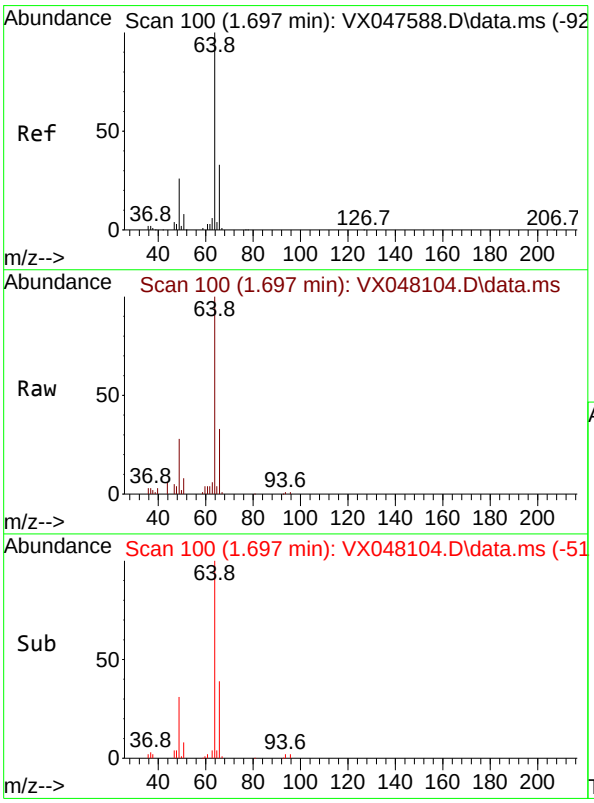
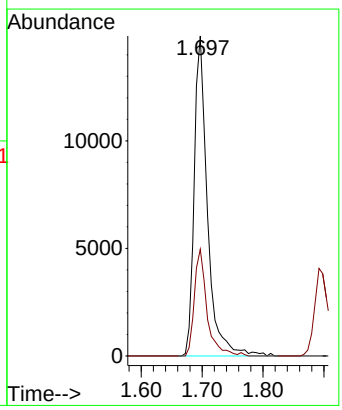
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

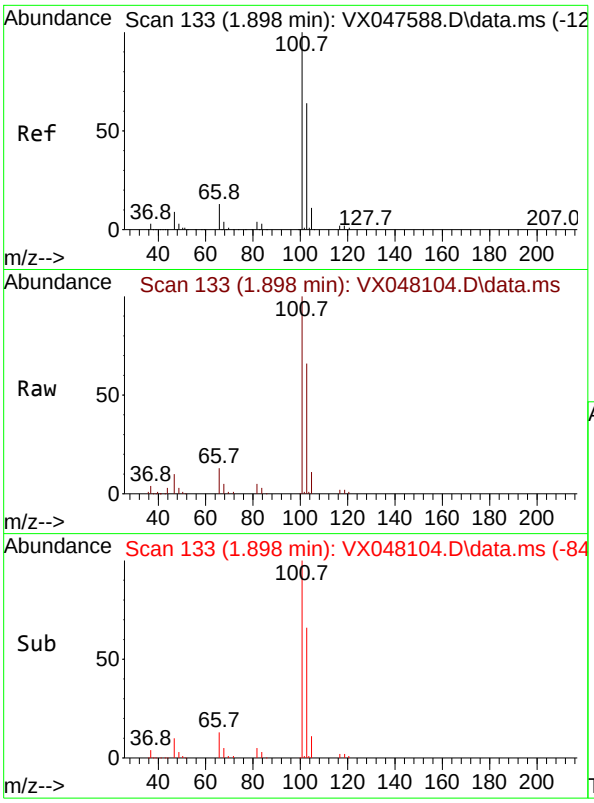


#6
Chloroethane
Concen: 18.718 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 64 Resp: 22473

Ion	Ratio	Lower	Upper
64	100		
66	33.3	26.1	39.1

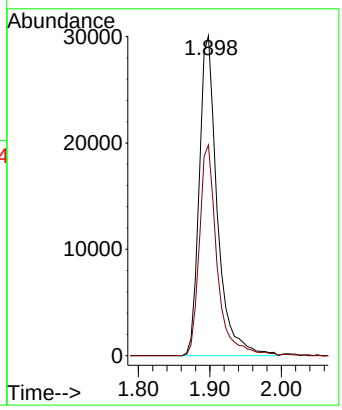




#7
Trichlorofluoromethane
Concen: 19.832 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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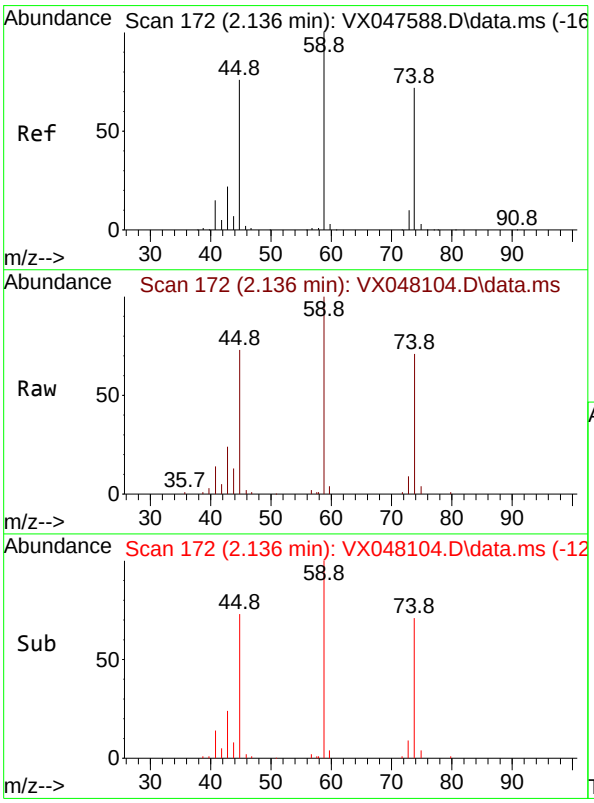
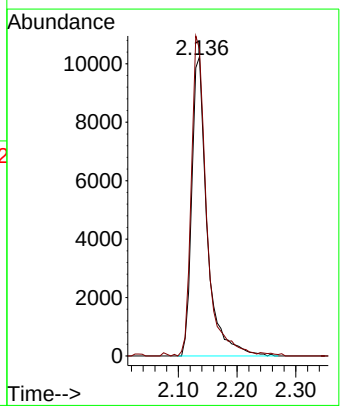
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

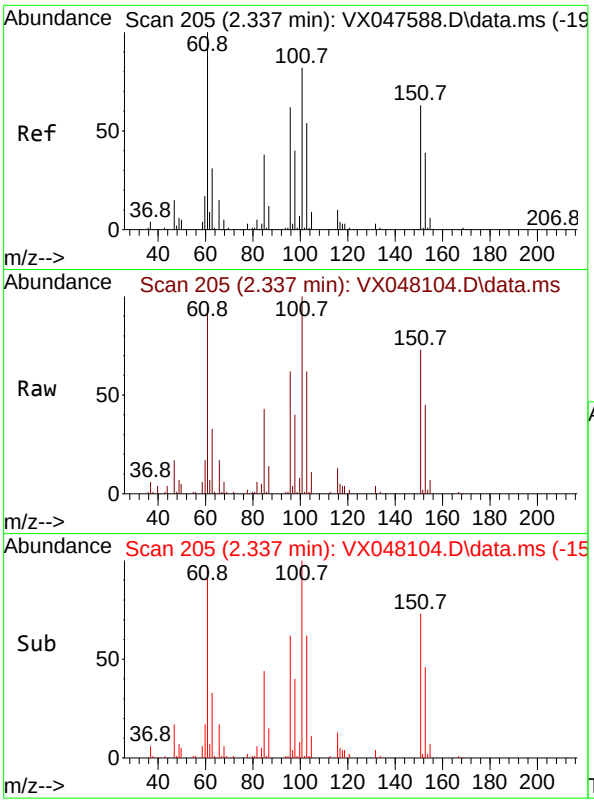


#8
Diethyl Ether
Concen: 17.025 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 74 Resp: 18576

Ion	Ratio	Lower	Upper
74	100		
45	106.5	52.3	156.8

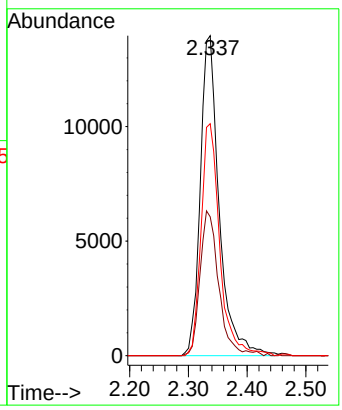




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.049 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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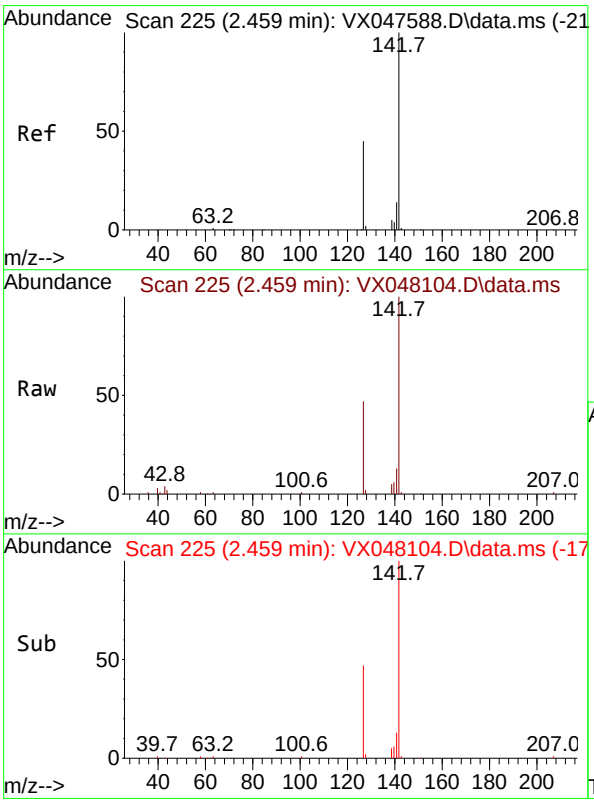
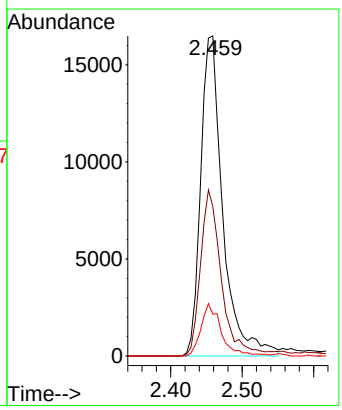
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

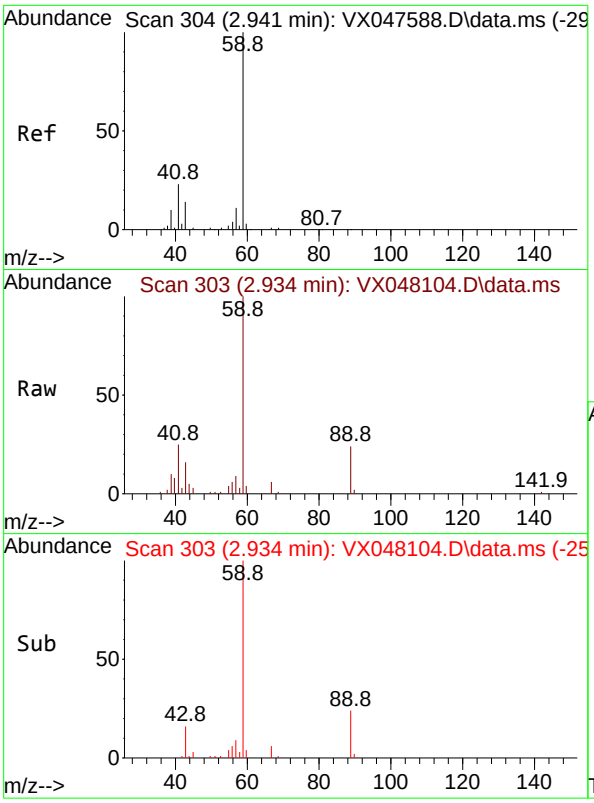


#10
Methyl Iodide
Concen: 14.551 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

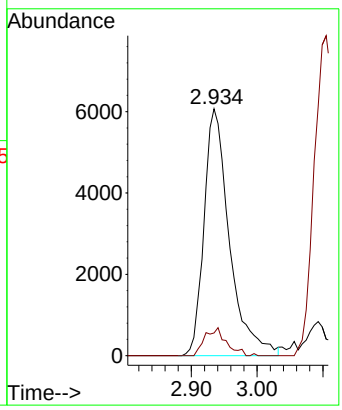




#11
Tert butyl alcohol
Concen: 68.302 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 59 Resp: 1632

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
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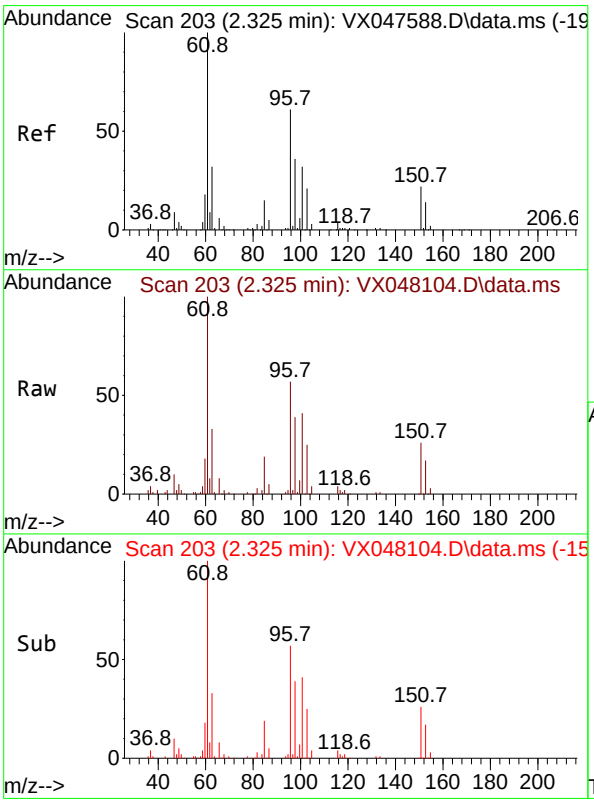
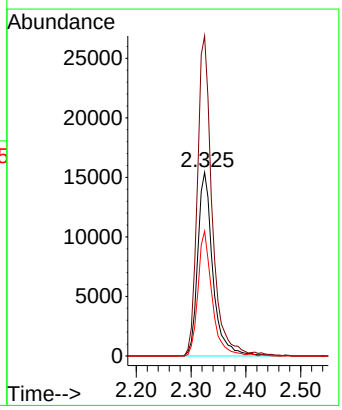
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

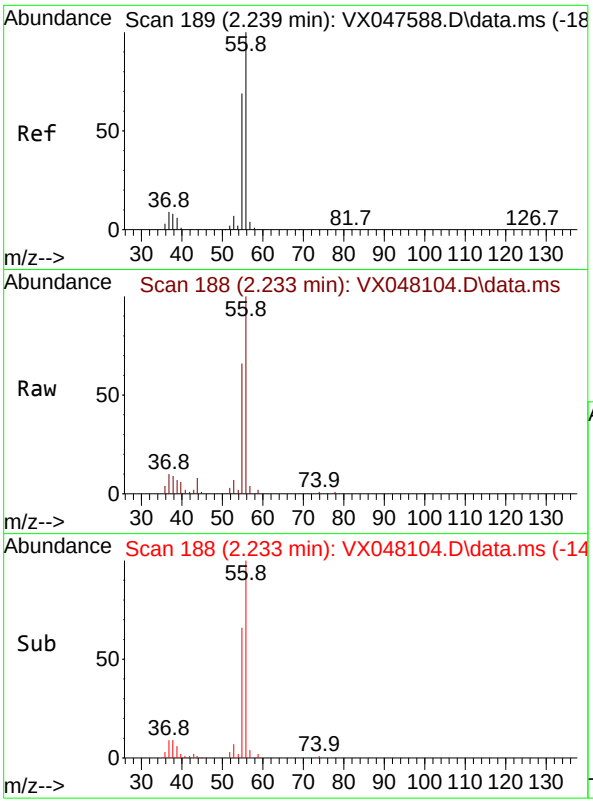


#12
1,1-Dichloroethene
Concen: 18.485 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

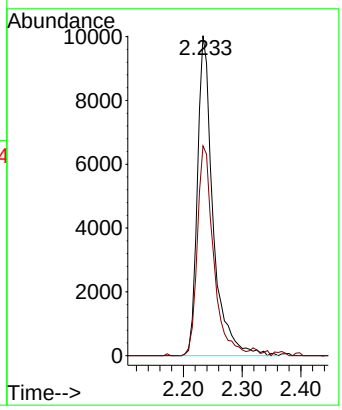




#13
Acrolein
Concen: 84.002 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 56 Resp: 1850

Ion	Ratio	Lower	Upper
56	100		
55	68.3	57.2	85.8



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations APPROVED

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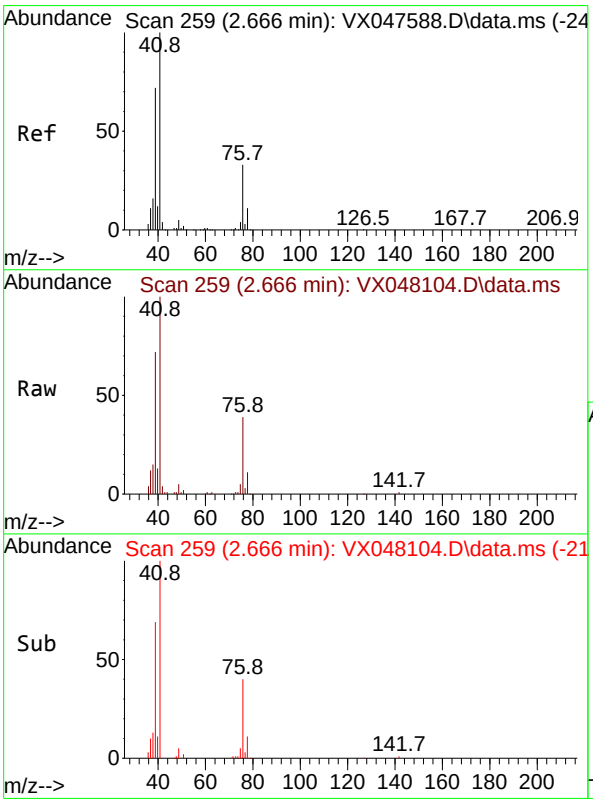
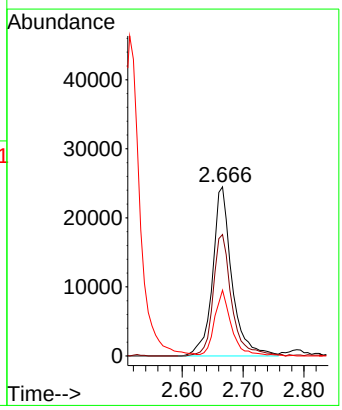
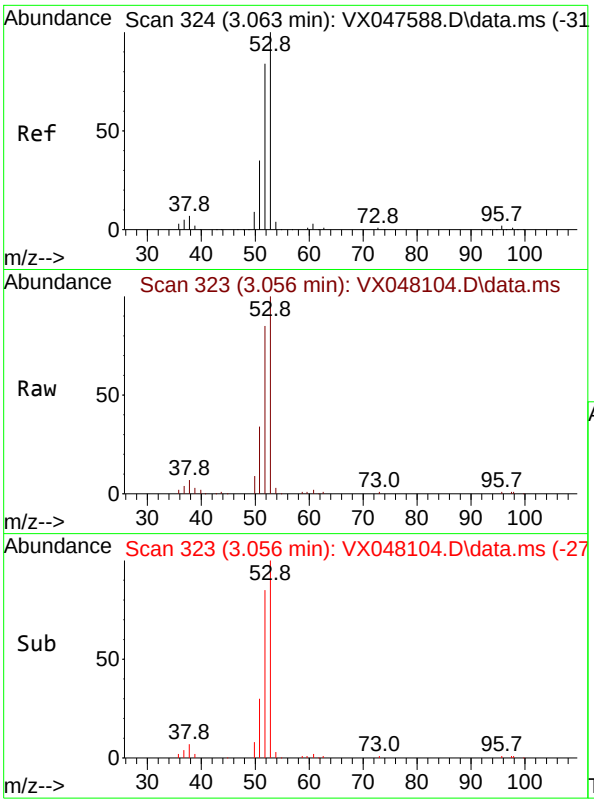


#14
Allyl chloride
Concen: 16.362 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

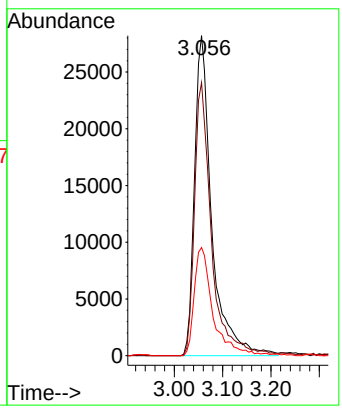




#15
Acrylonitrile
Concen: 78.767 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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 APPROVED

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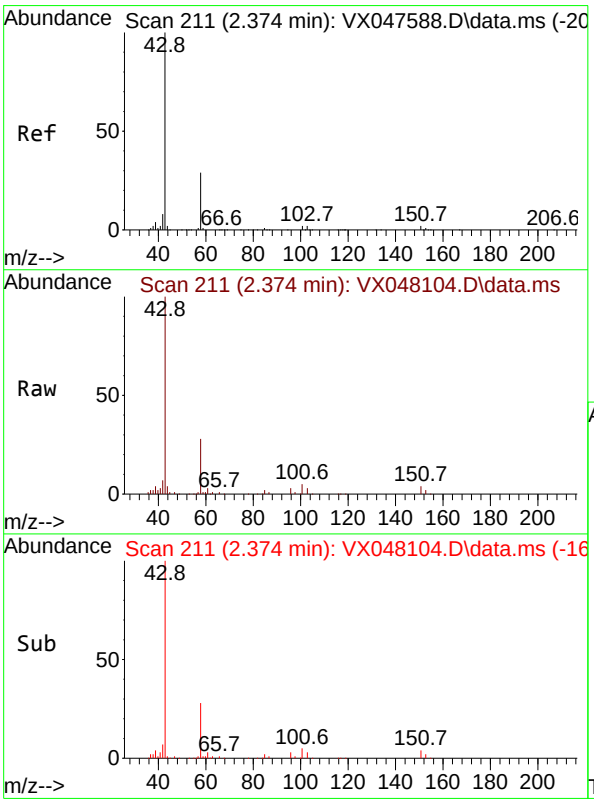
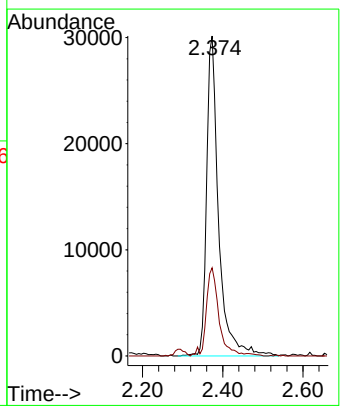
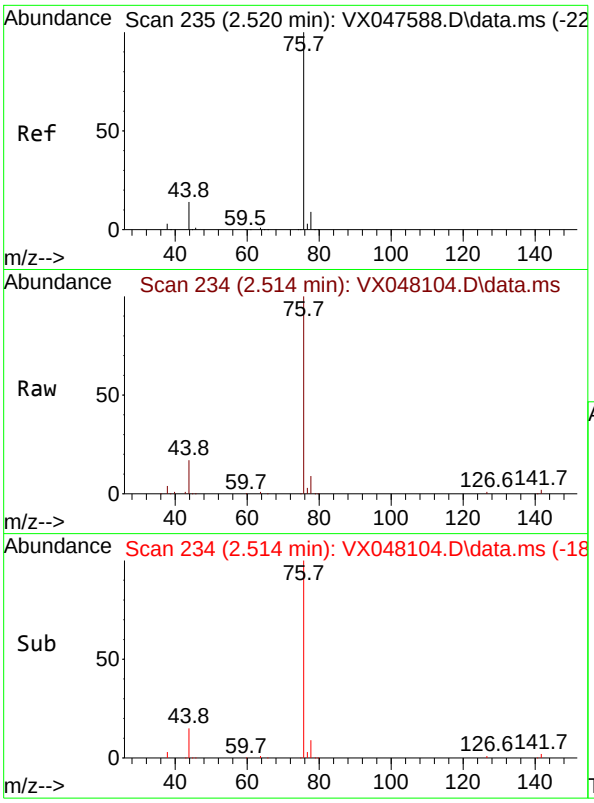


#16
Acetone
Concen: 67.084 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 62604

Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.4	35.0

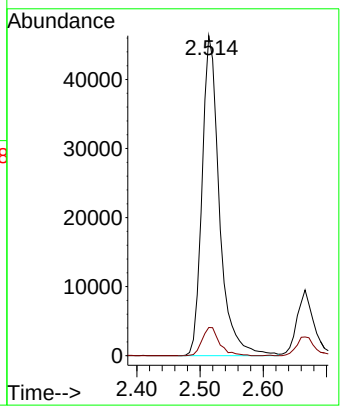




#17
Carbon Disulfide
Concen: 20.181 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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
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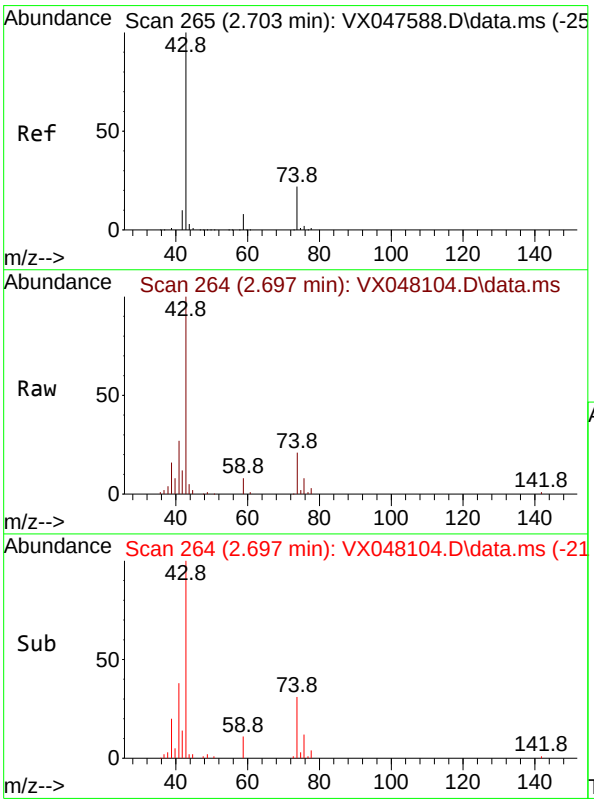
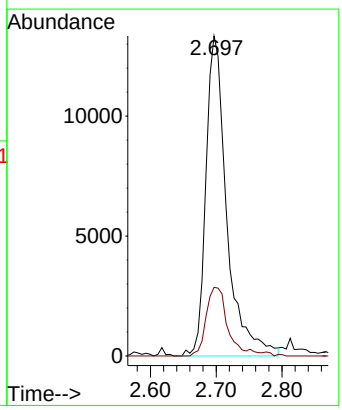
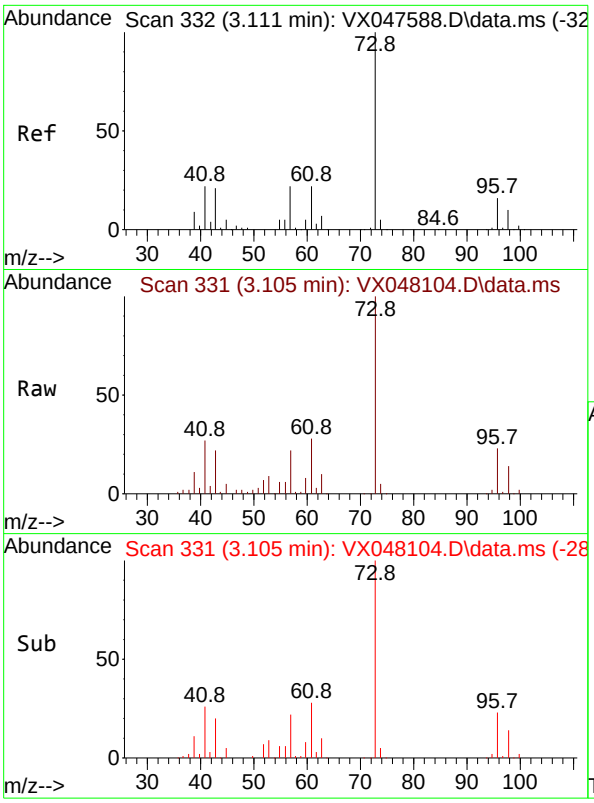


#18
Methyl Acetate
Concen: 14.186 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 29463

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2

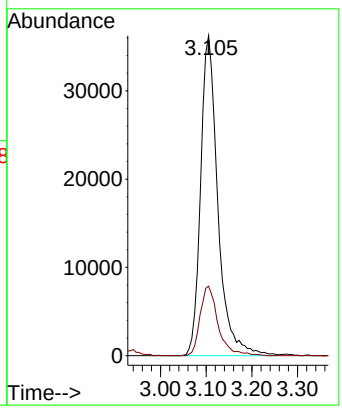




#19
Methyl tert-butyl Ether
Concen: 16.271 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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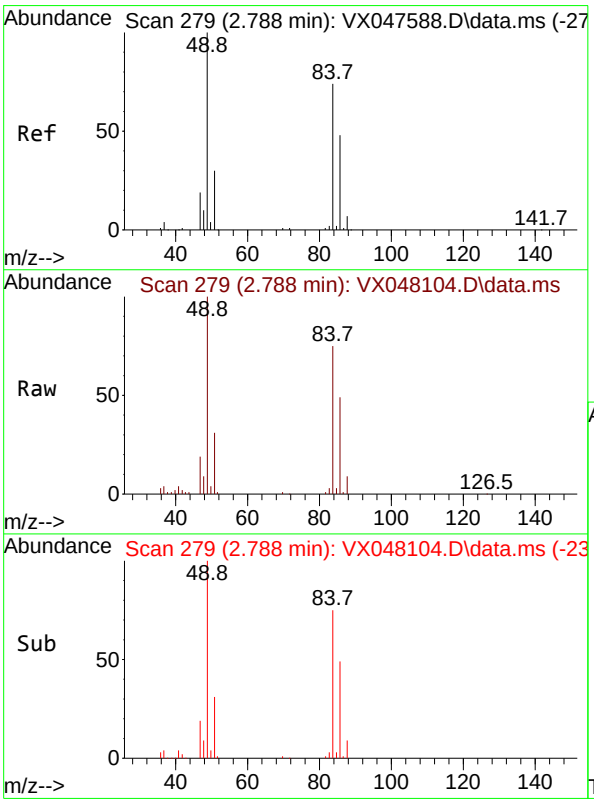
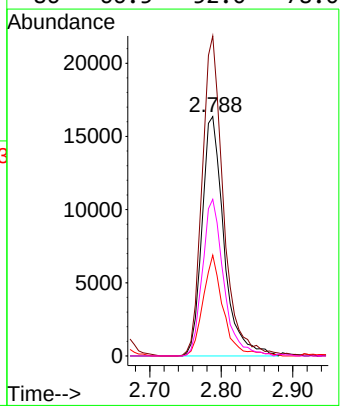
Supervised By :Mahesh Dadoda 10/13/2025

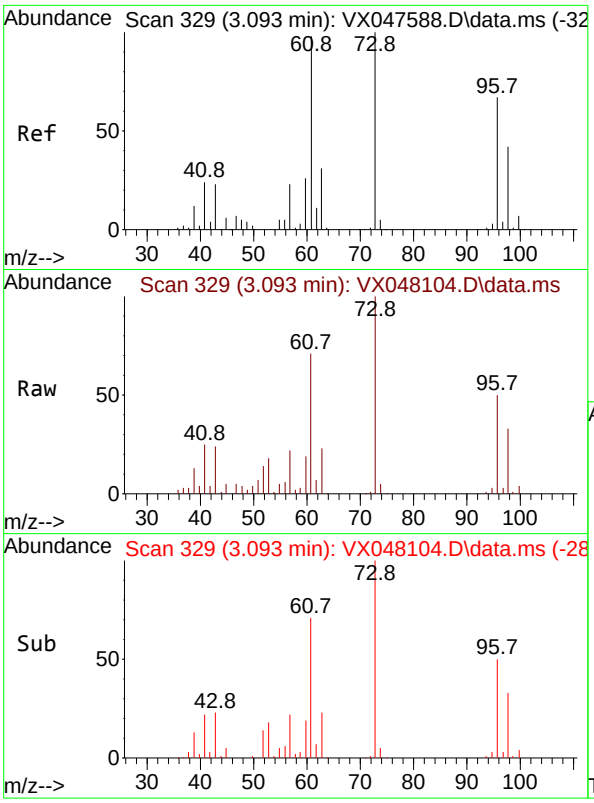


#20
Methylene Chloride
Concen: 17.616 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

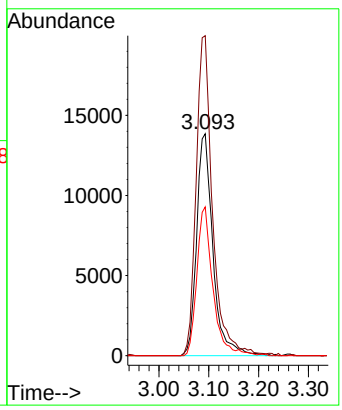




#21
trans-1,2-Dichloroethene
Concen: 18.275 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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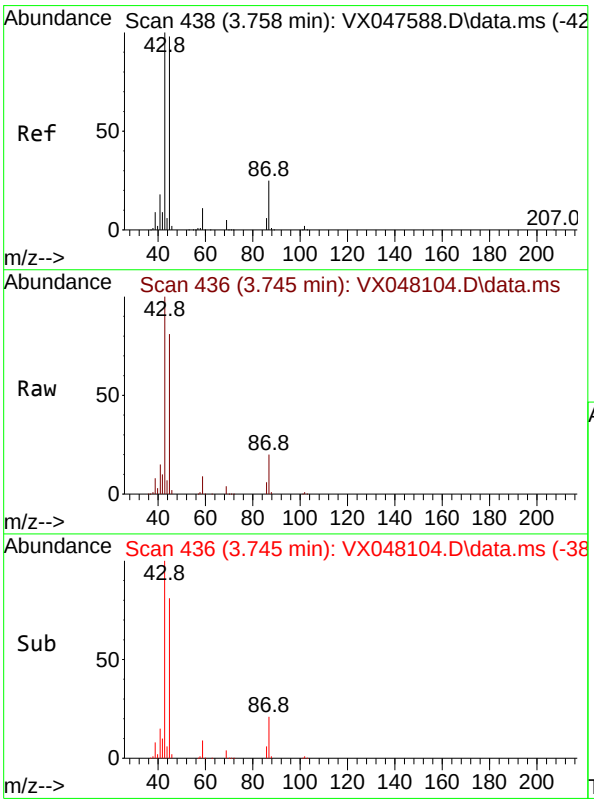
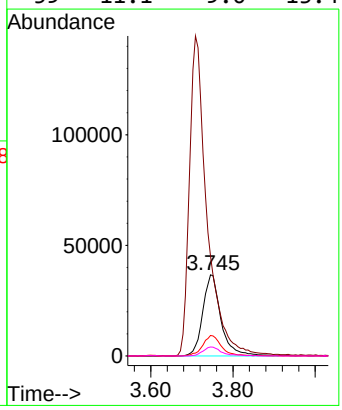
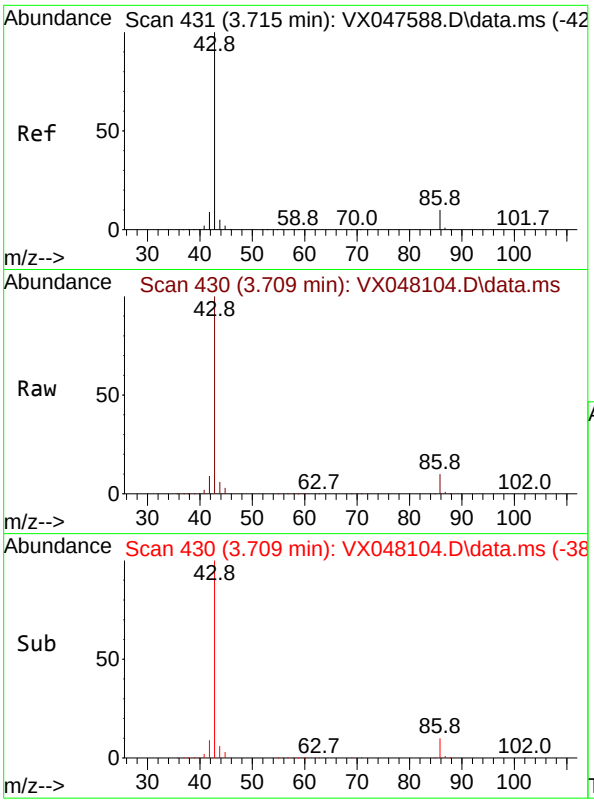


#22
Diisopropyl ether
Concen: 17.589 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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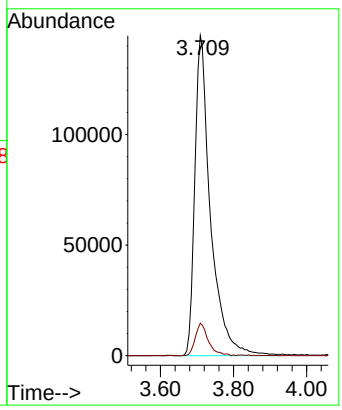
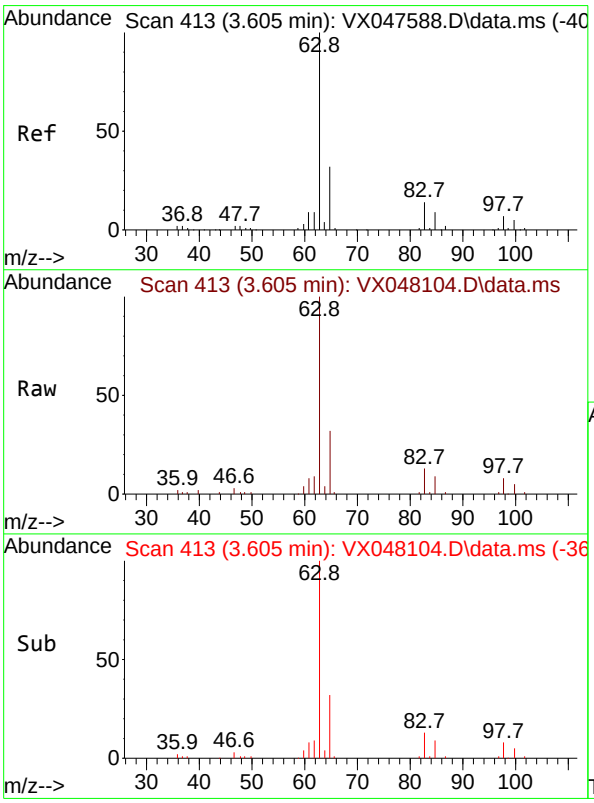
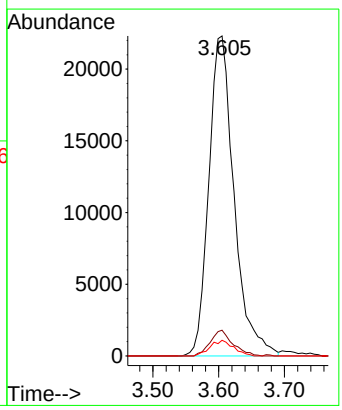


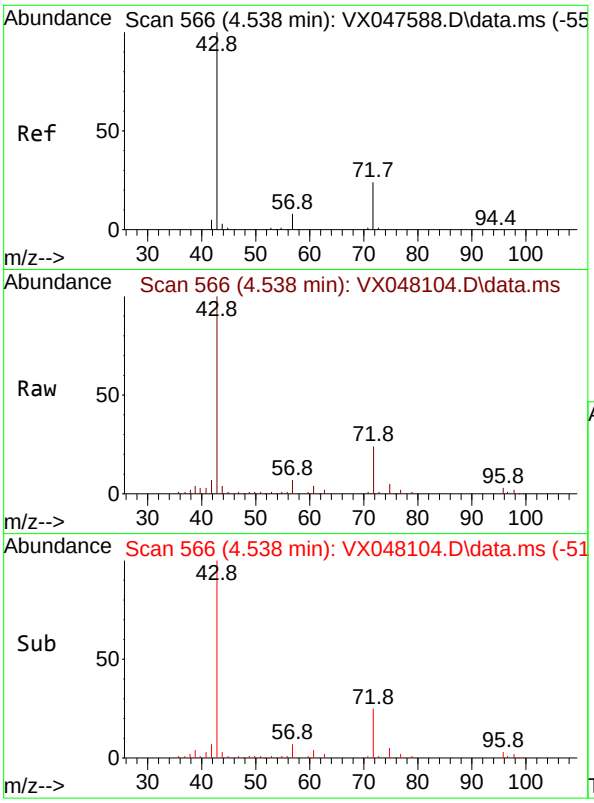


#24
1,1-Dichloroethane
Concen: 17.503 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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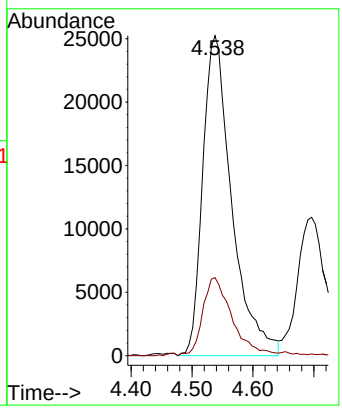
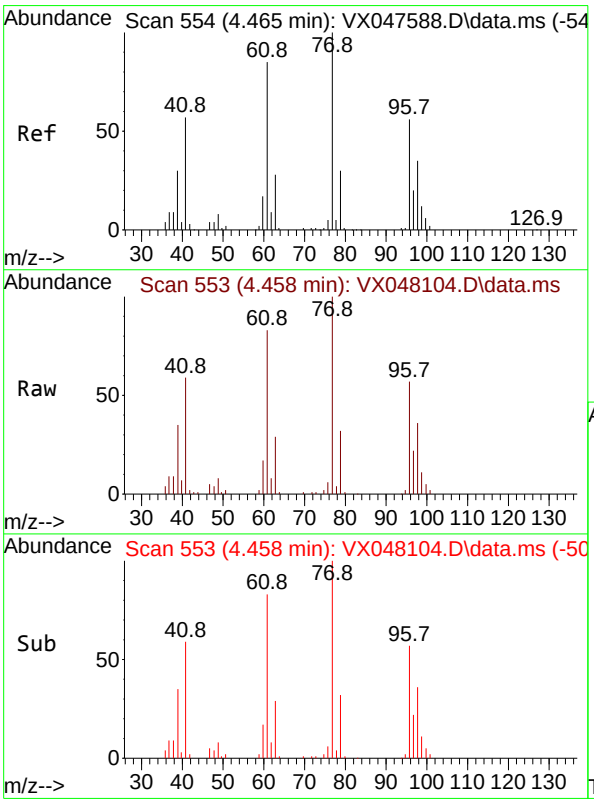
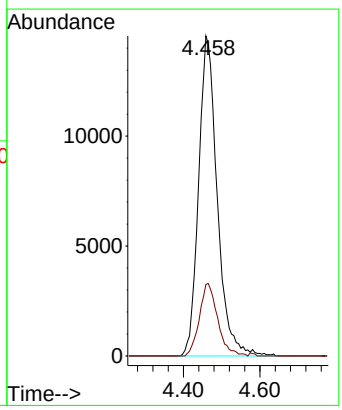


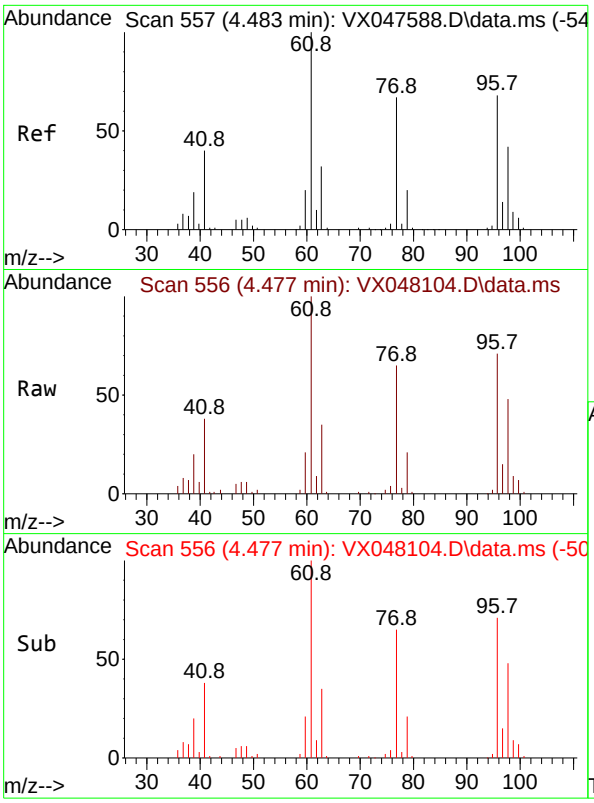


#26
2,2-Dichloropropane
Concen: 17.375 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 77 Resp: 49184

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7

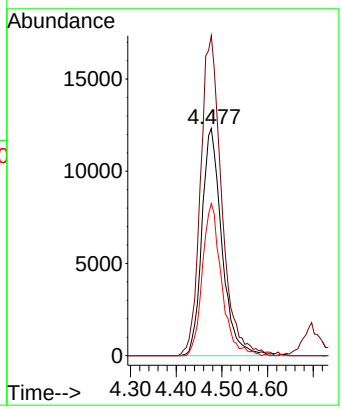




#27
cis-1,2-Dichloroethene
Concen: 17.724 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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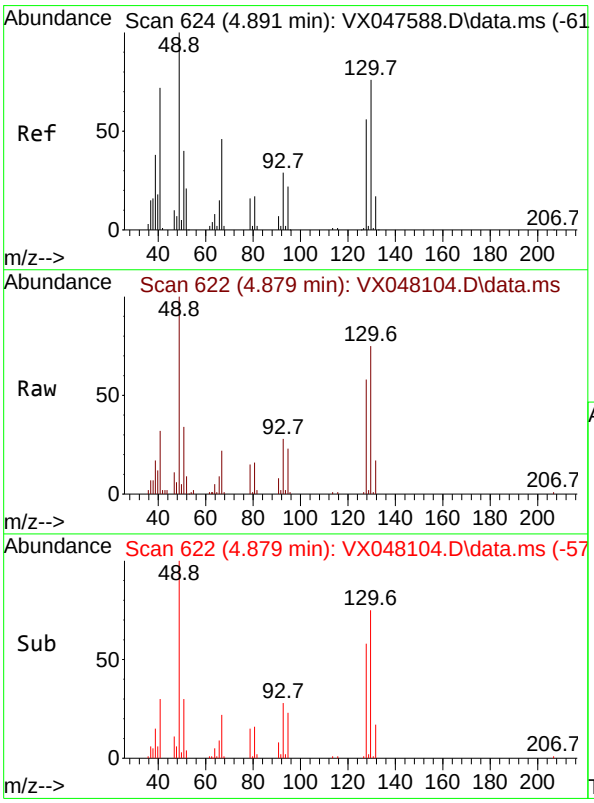
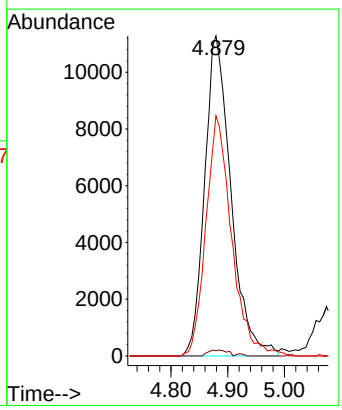
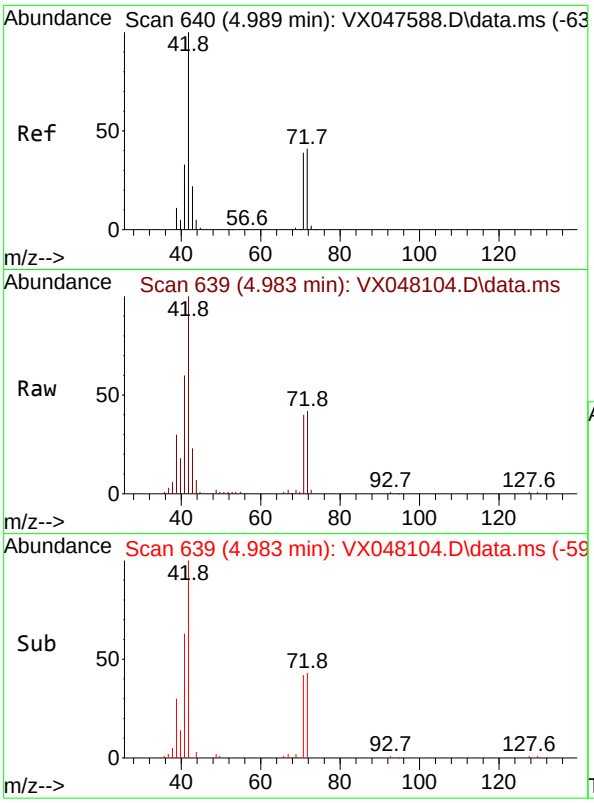


#28
Bromochloromethane
Concen: 24.409 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

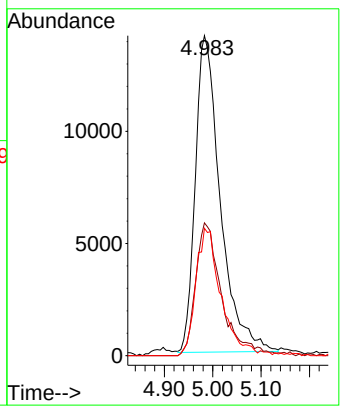




#29
Tetrahydrofuran
Concen: 72.274 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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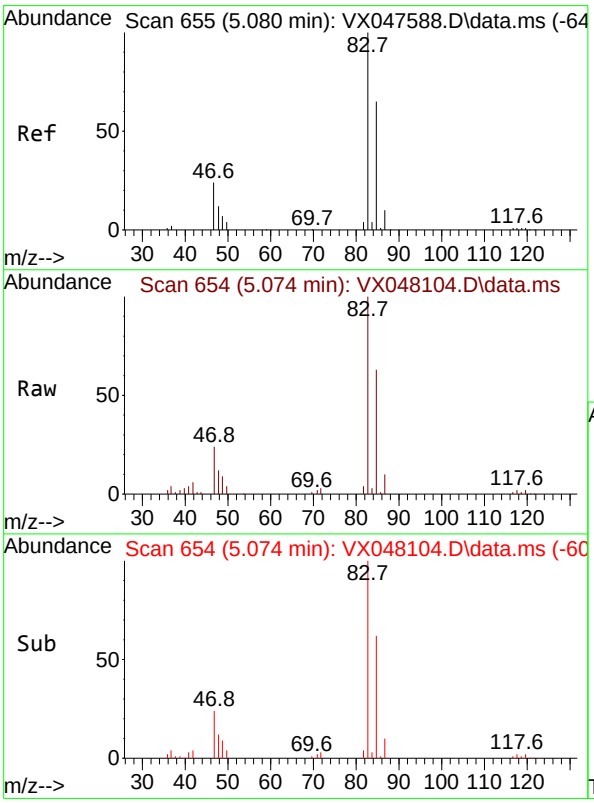
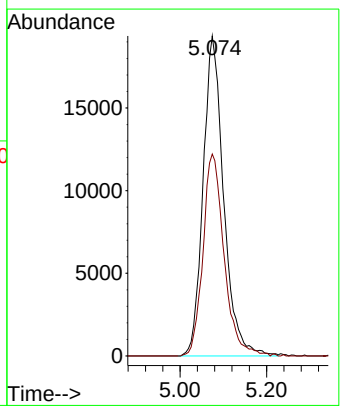
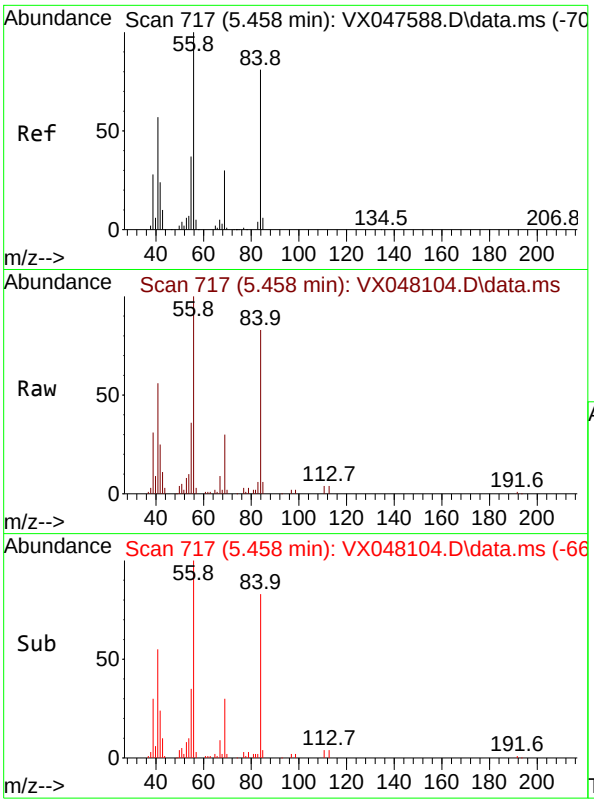


#30
Chloroform
Concen: 18.537 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 83 Resp: 63787

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.6

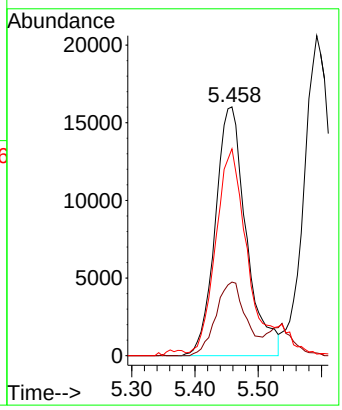




#31
Cyclohexane
Concen: 19.206 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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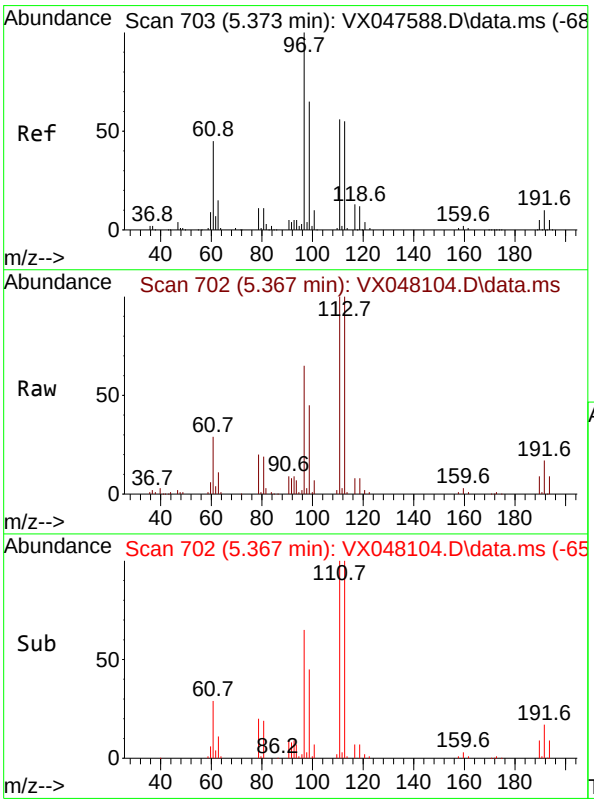
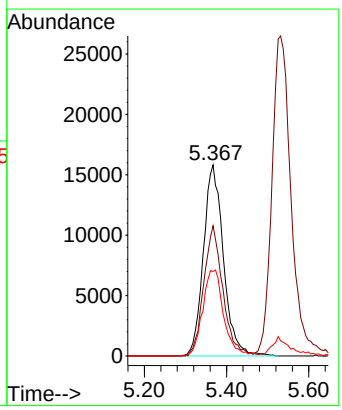
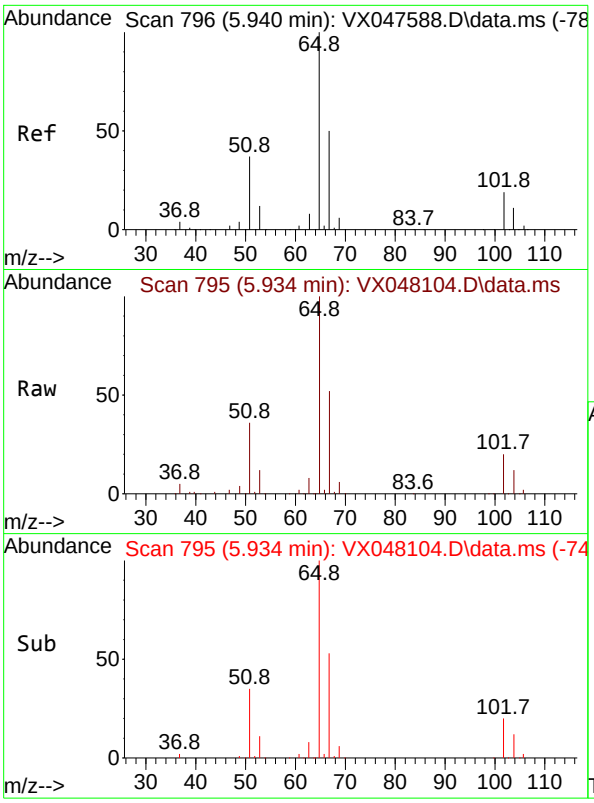


#32
1,1,1-Trichloroethane
Concen: 18.333 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

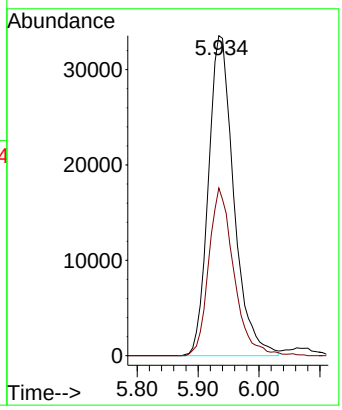




#33
1,2-Dichloroethane-d4
Concen: 45.360 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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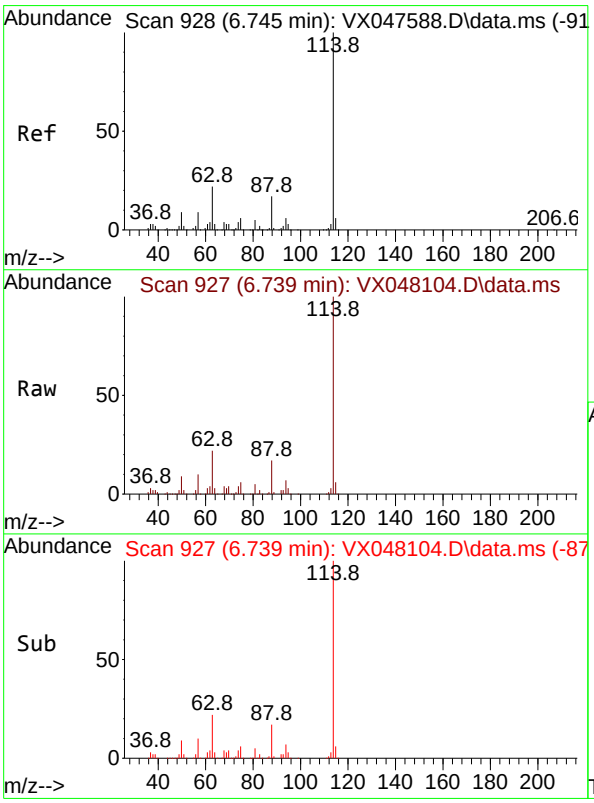
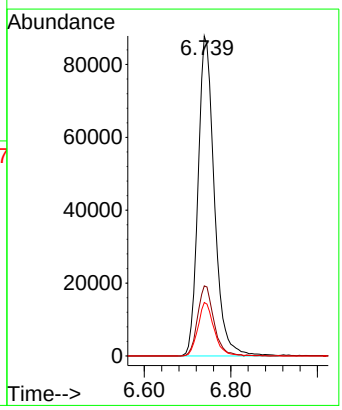
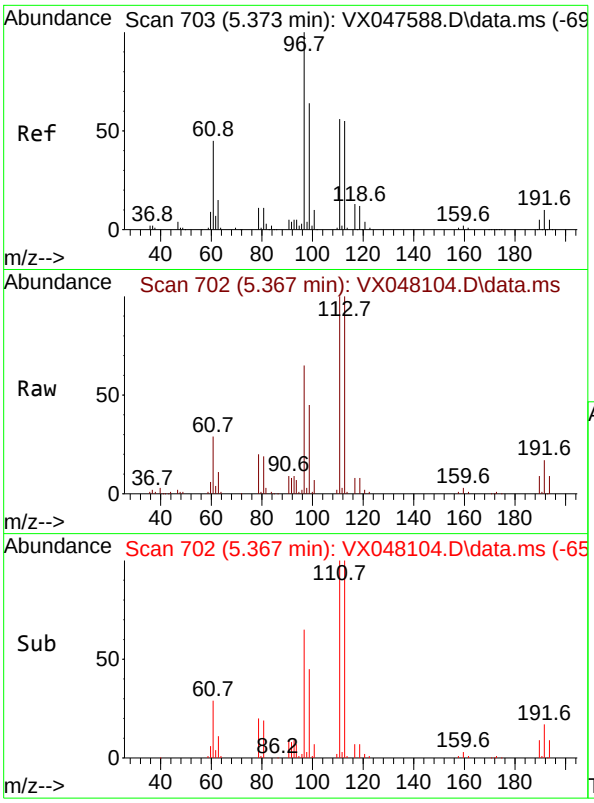


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

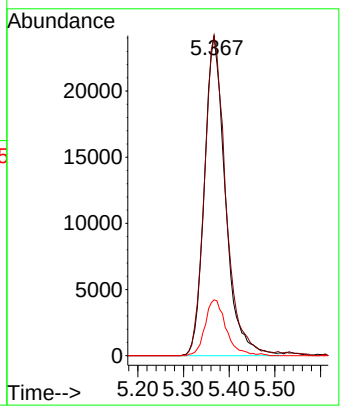




#35
Dibromofluoromethane
Concen: 50.106 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

Manual Integrations
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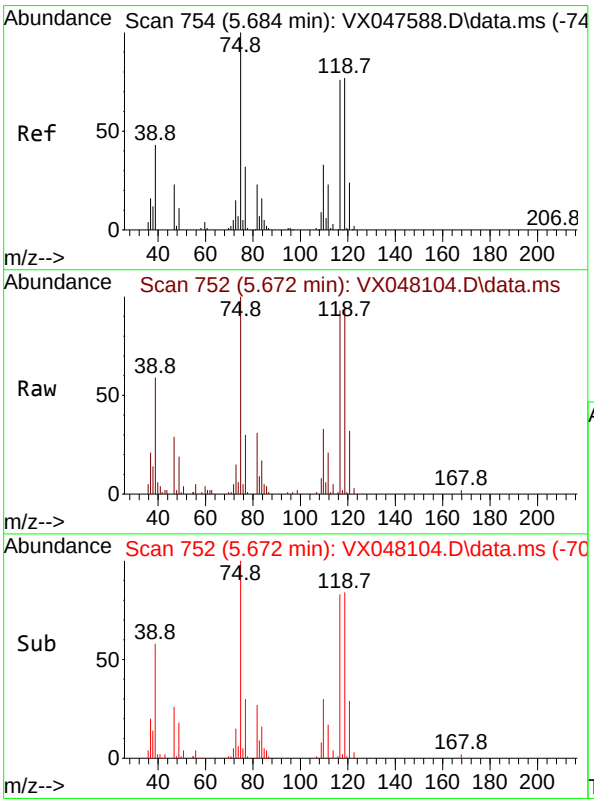
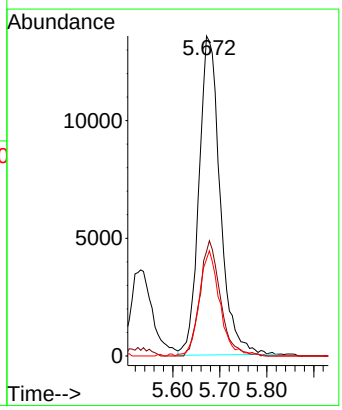
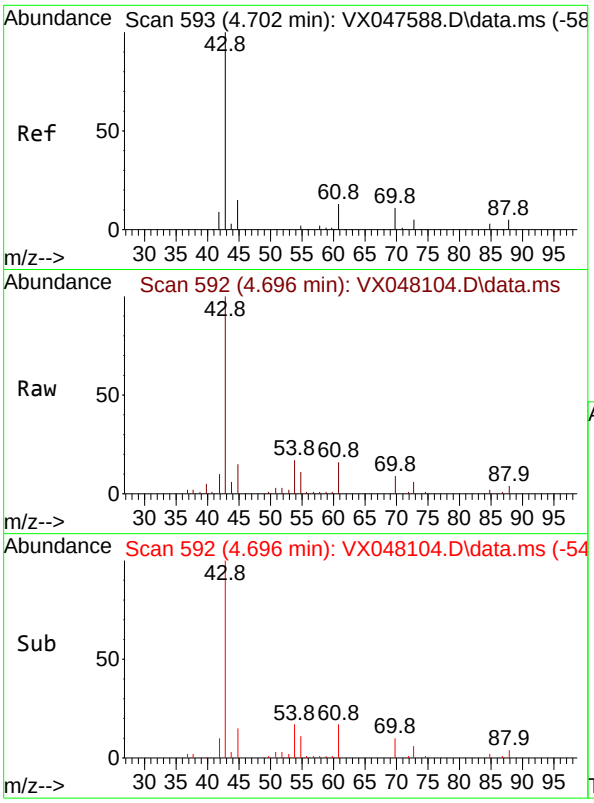


#36
1,1-Dichloropropene
Concen: 18.884 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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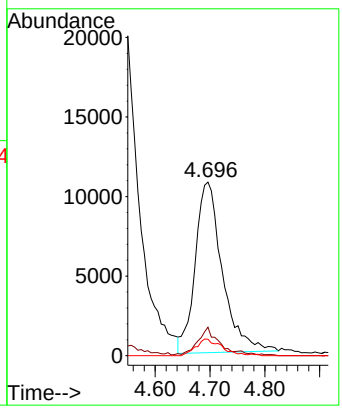
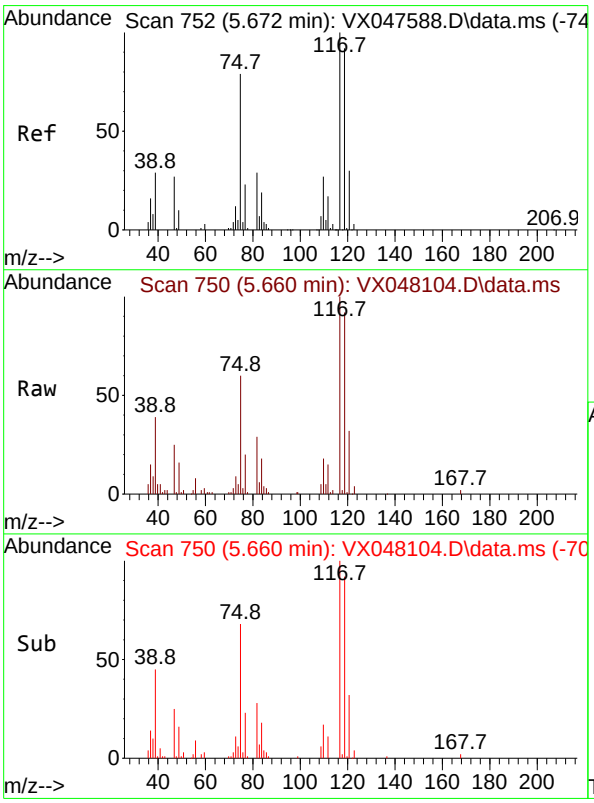
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

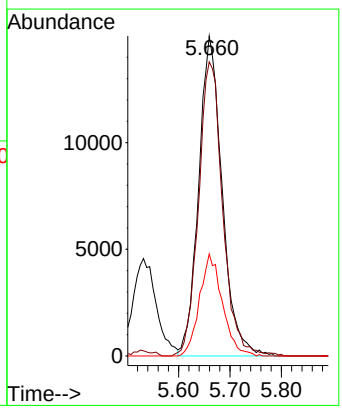


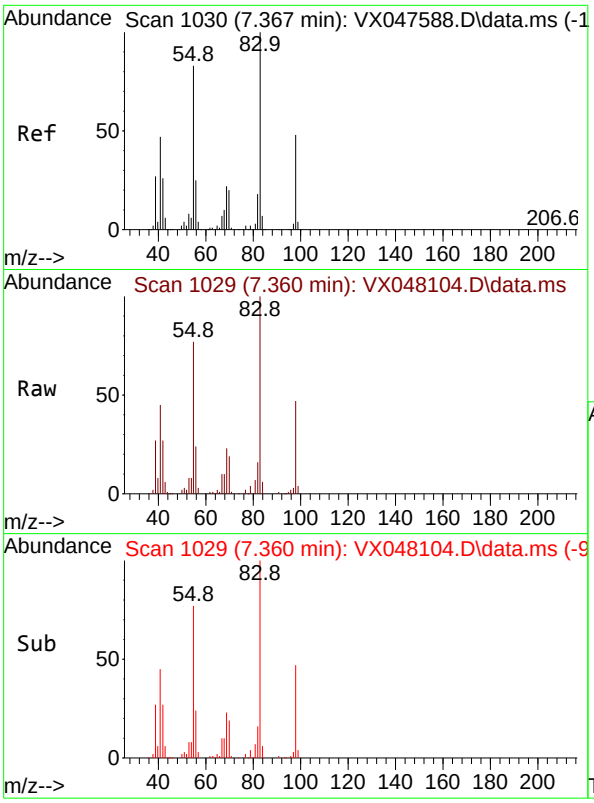


#38
Carbon Tetrachloride
Concen: 19.534 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

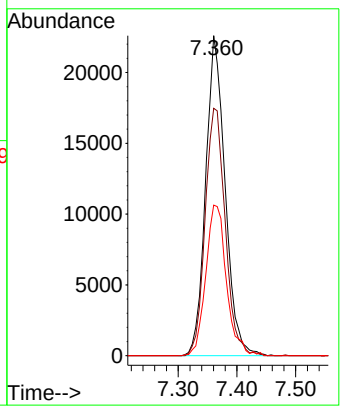




#39
Methylcyclohexane
Concen: 20.409 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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Reviewed By :John Carlone 10/13/2025
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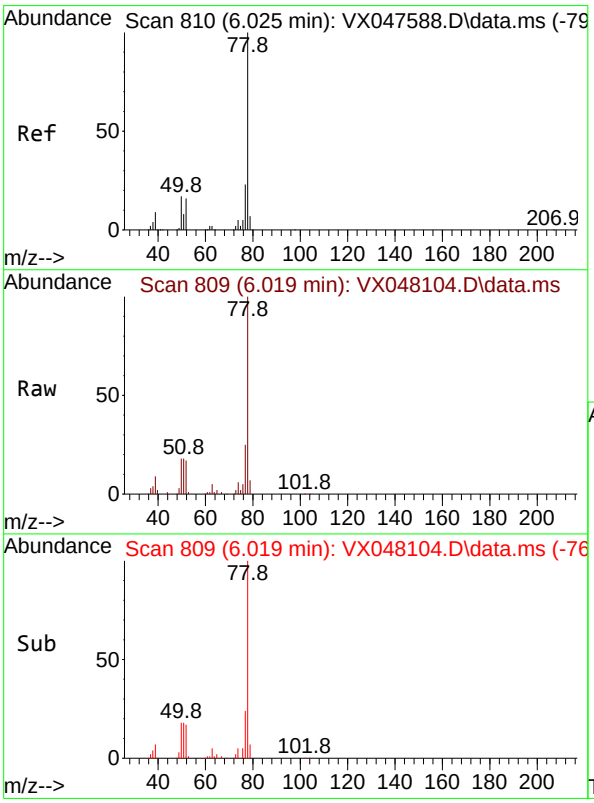
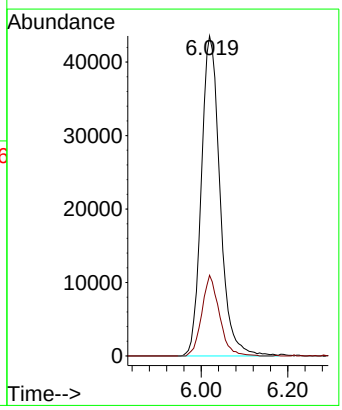
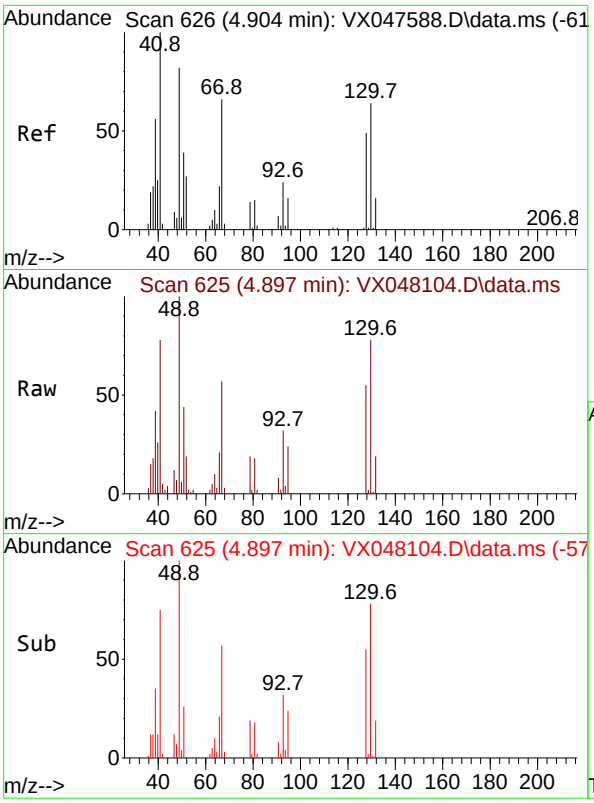


#40
Benzene
Concen: 19.151 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 78 Resp: 130453

Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.8	28.2

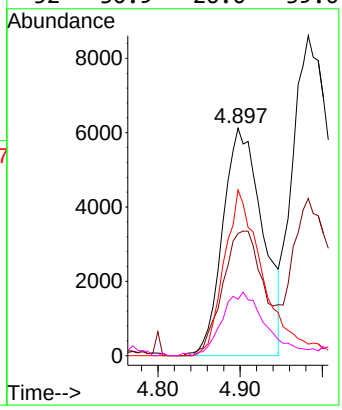




#41
Methacrylonitrile
Concen: 16.598 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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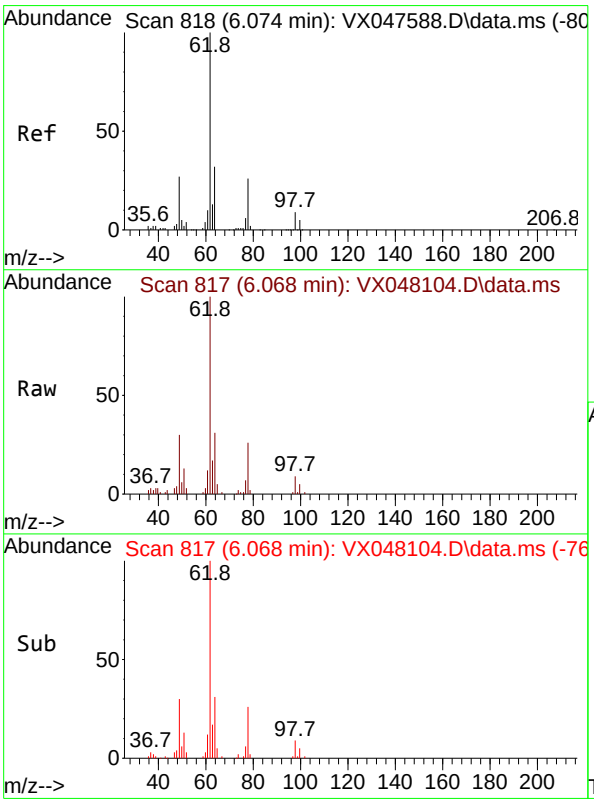
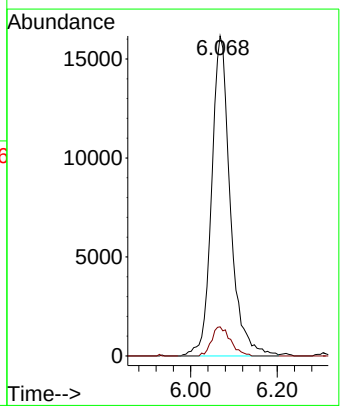
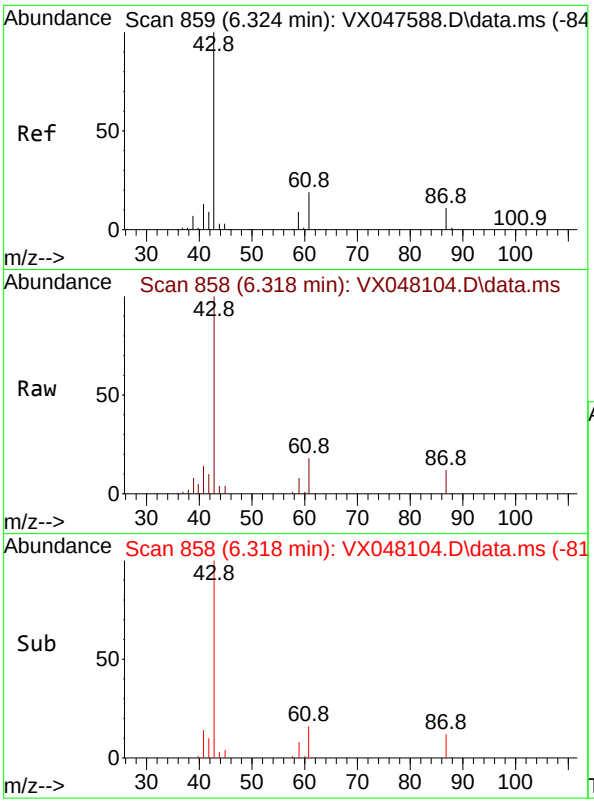


#42
1,2-Dichloroethane
Concen: 18.659 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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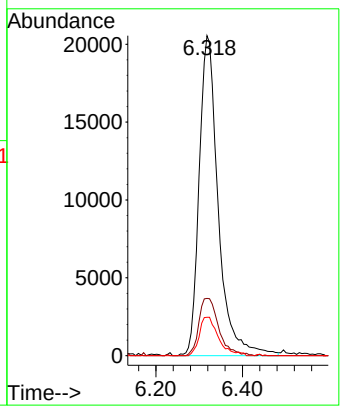
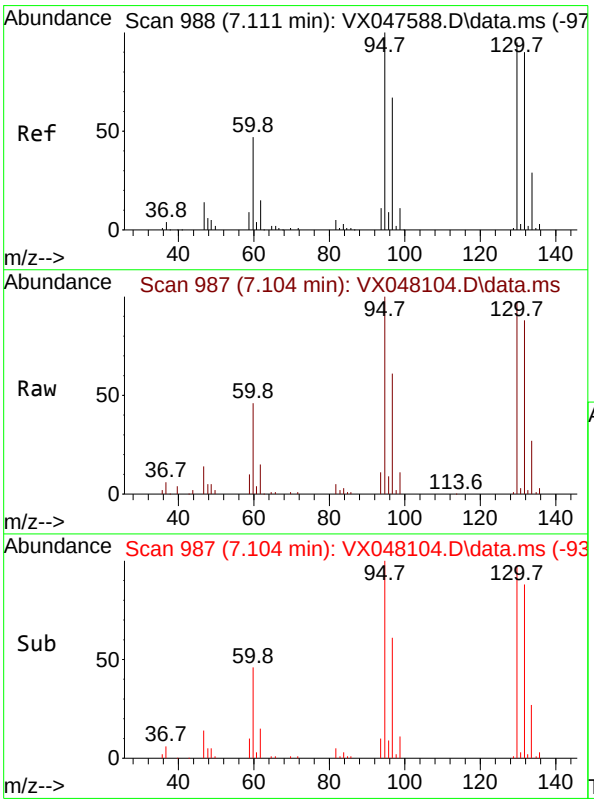
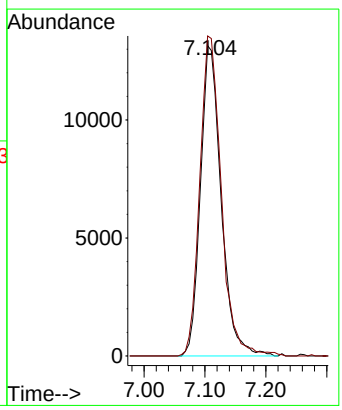


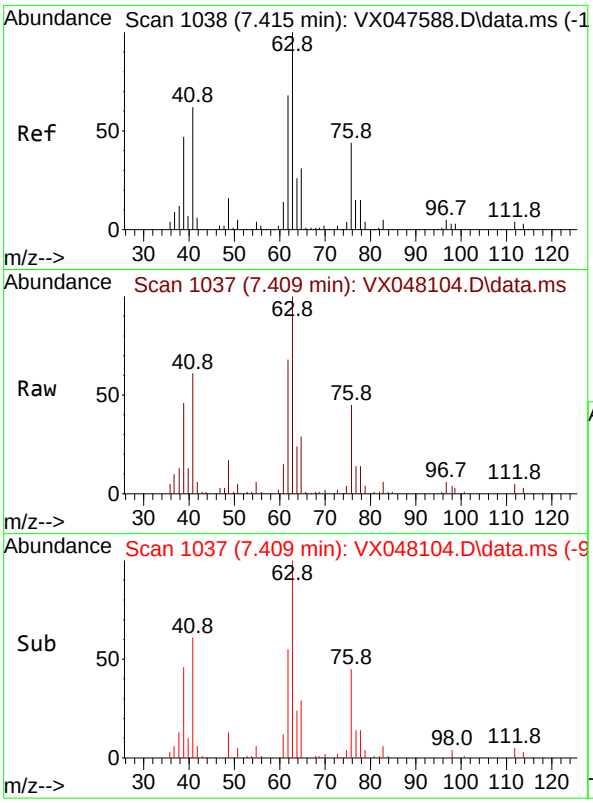


#44
Trichloroethene
Concen: 18.852 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:130 Resp: 31046

Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	210.8

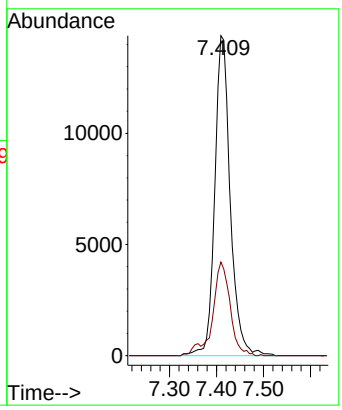




#45
1,2-Dichloropropane
Concen: 18.921 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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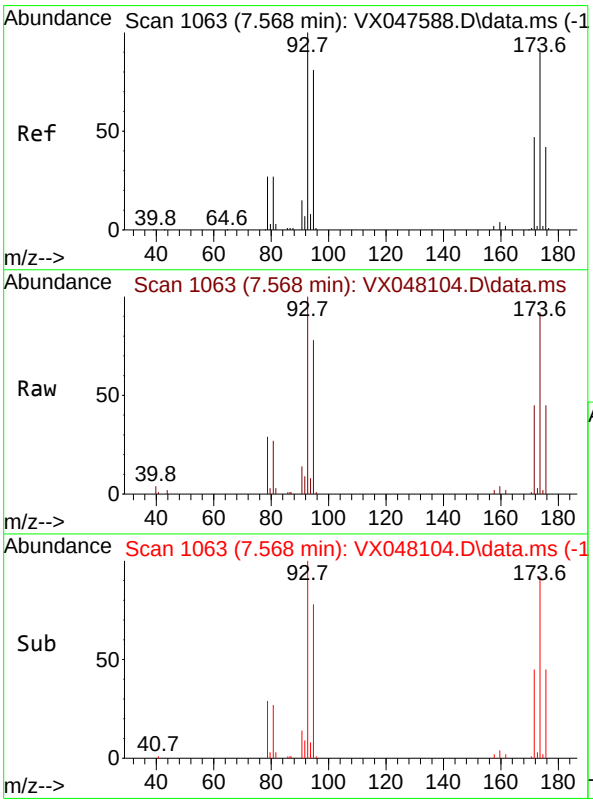
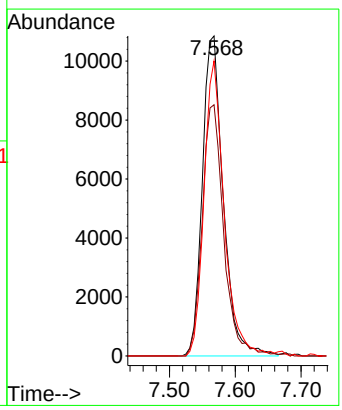
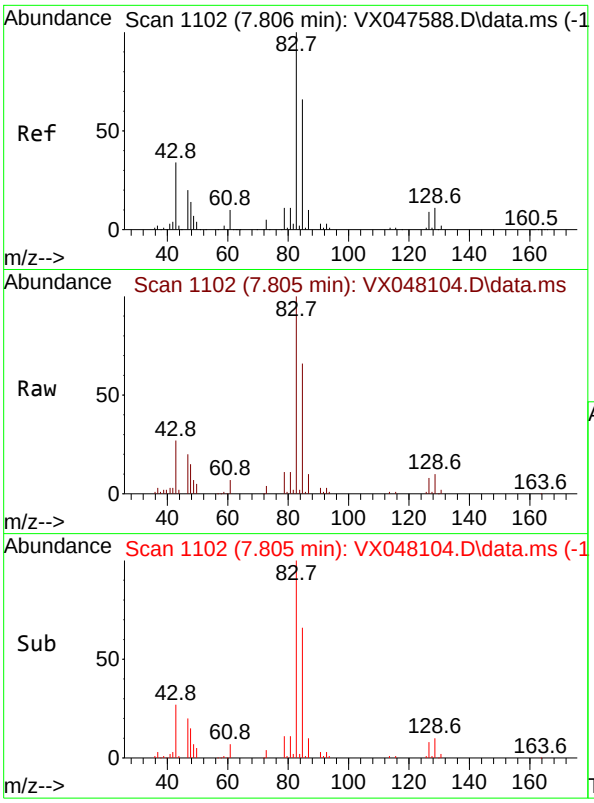


#46
Dibromomethane
Concen: 18.939 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

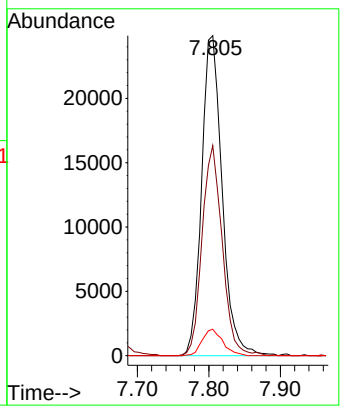




#47
Bromodichloromethane
Concen: 18.943 ug/l
RT: 7.805 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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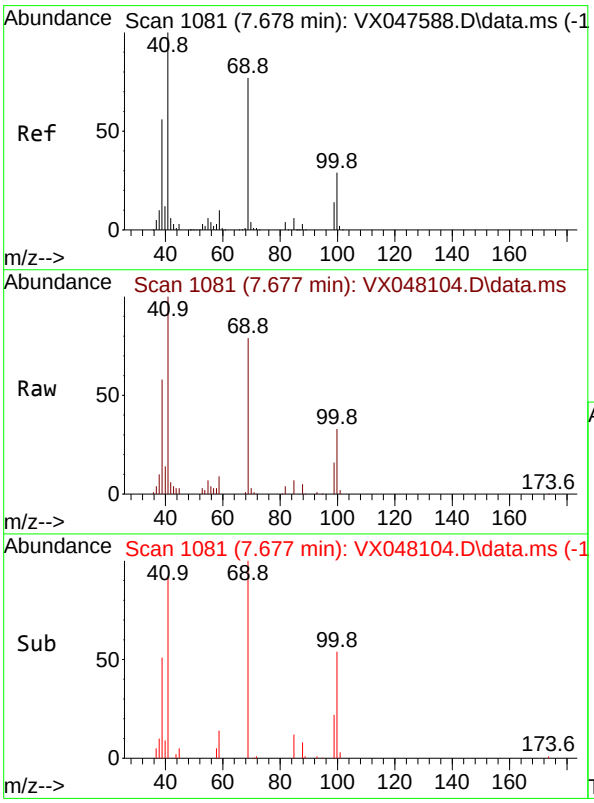
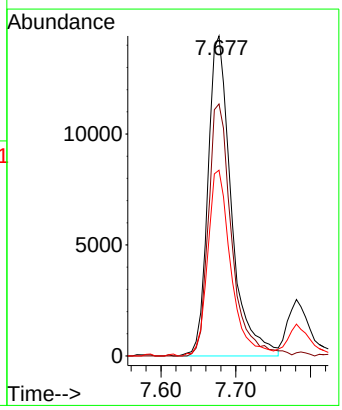
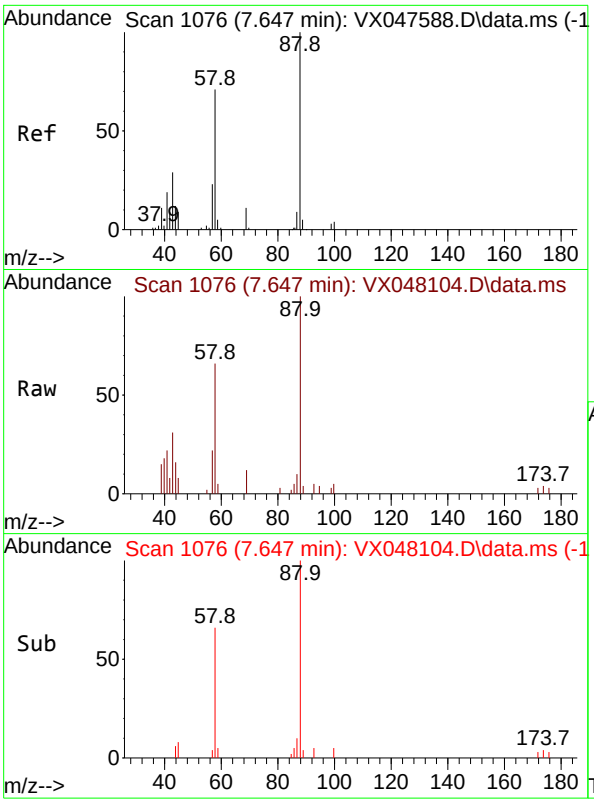


#48
Methyl methacrylate
Concen: 15.975 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

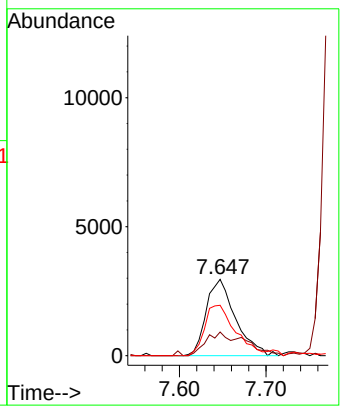




#49
1,4-Dioxane
Concen: 351.364 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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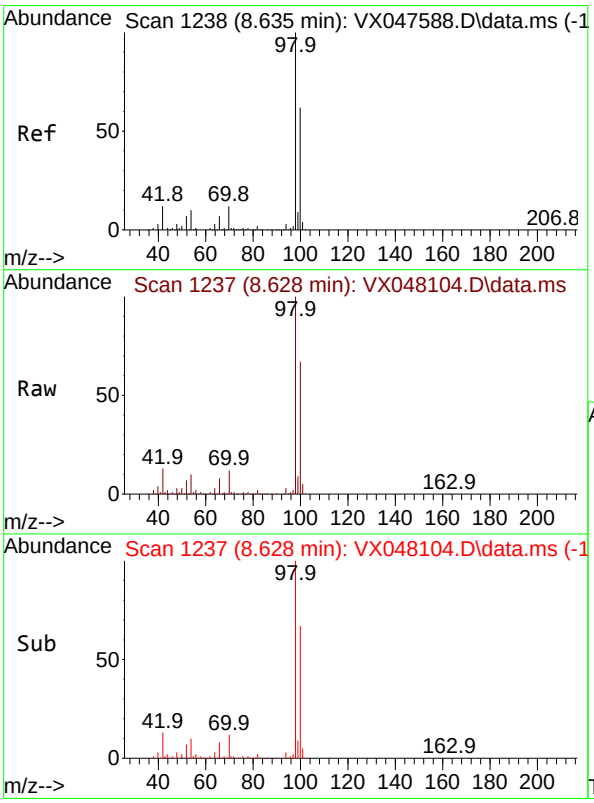
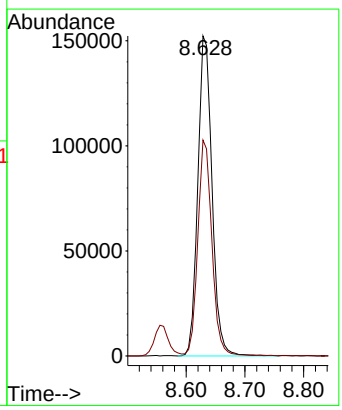
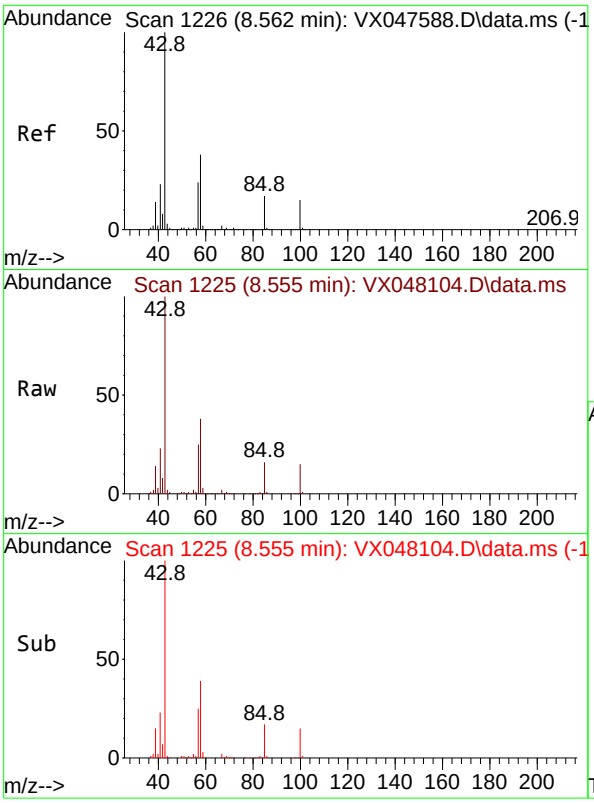


#50
Toluene-d8
Concen: 48.305 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 98 Resp: 256541

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

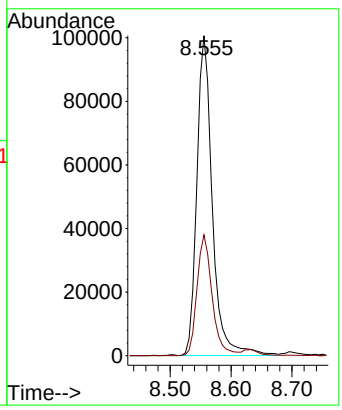




#51
4-Methyl-2-Pentanone
Concen: 81.312 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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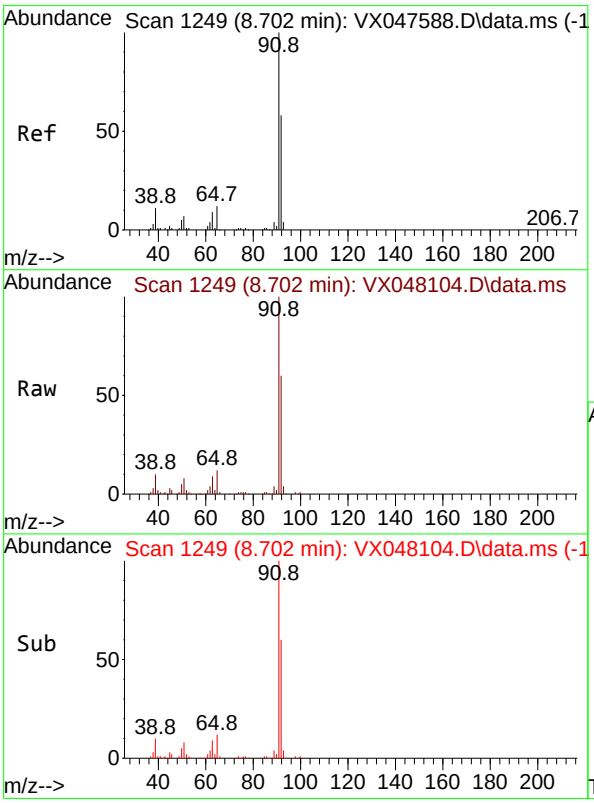
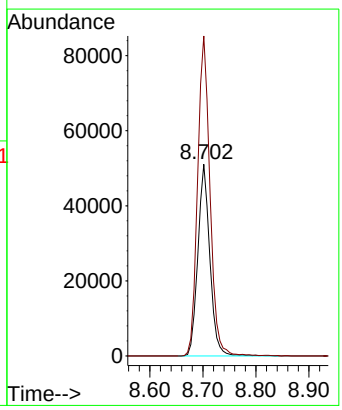
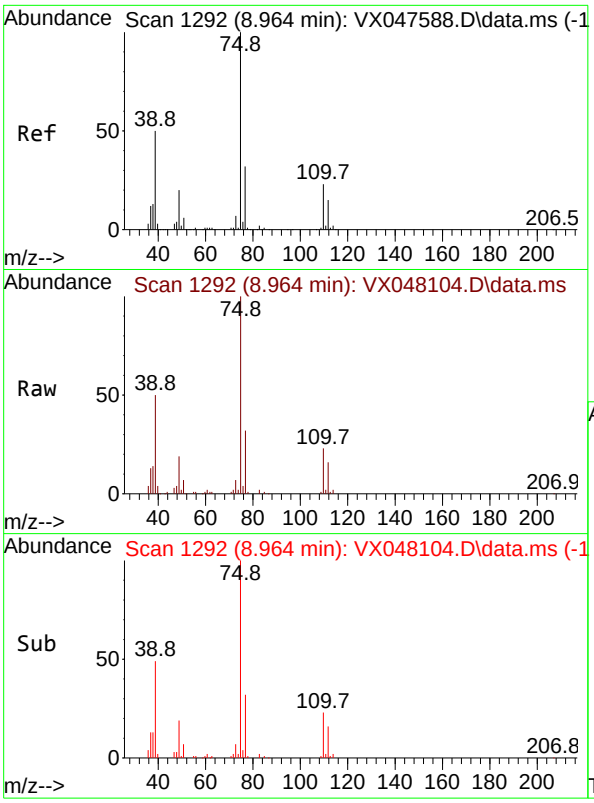


#52
Toluene
Concen: 19.147 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 92 Resp: 80356

Ion	Ratio	Lower	Upper
92	100		
91	172.0	137.1	205.7

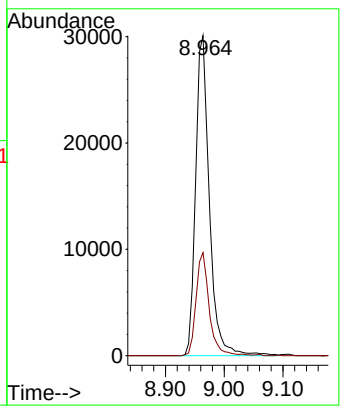




#53
t-1,3-Dichloropropene
Concen: 18.321 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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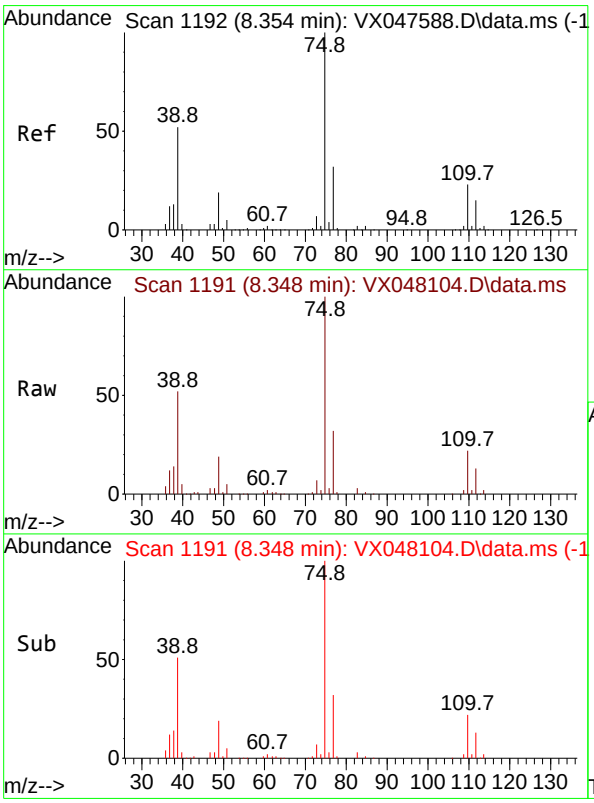
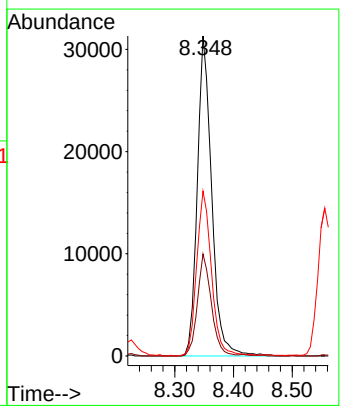
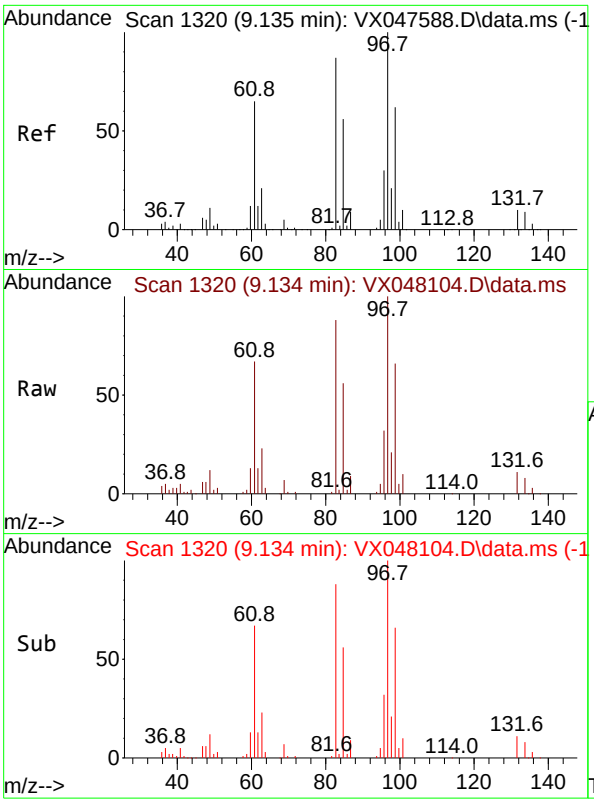


#54
cis-1,3-Dichloropropene
Concen: 18.695 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

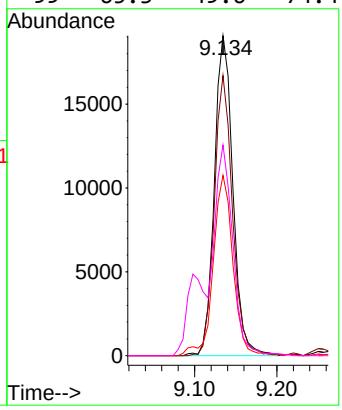




#55
1,1,2-Trichloroethane
Concen: 18.456 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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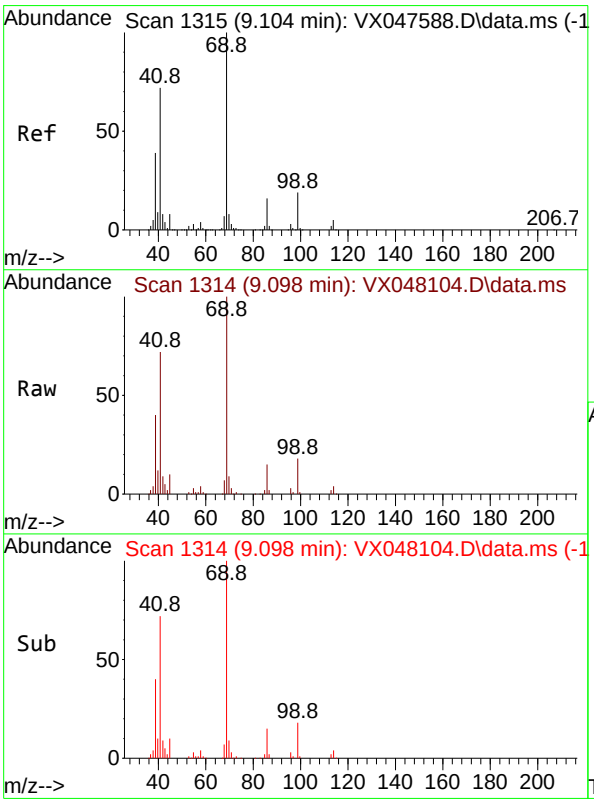
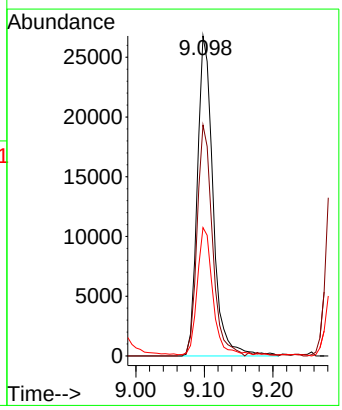
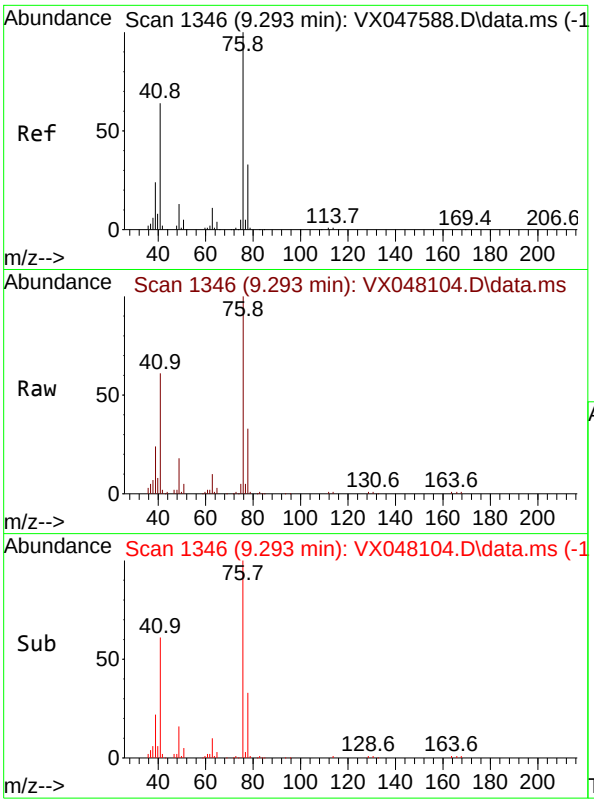


#56
Ethyl methacrylate
Concen: 16.829 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

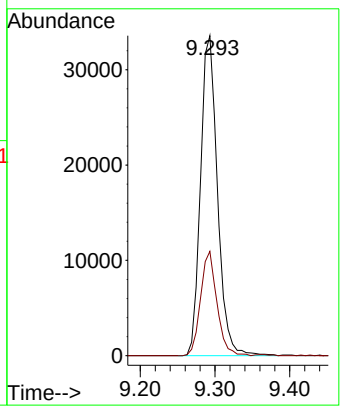




#57
1,3-Dichloropropane
Concen: 18.987 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 76 Resp: 5278

Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
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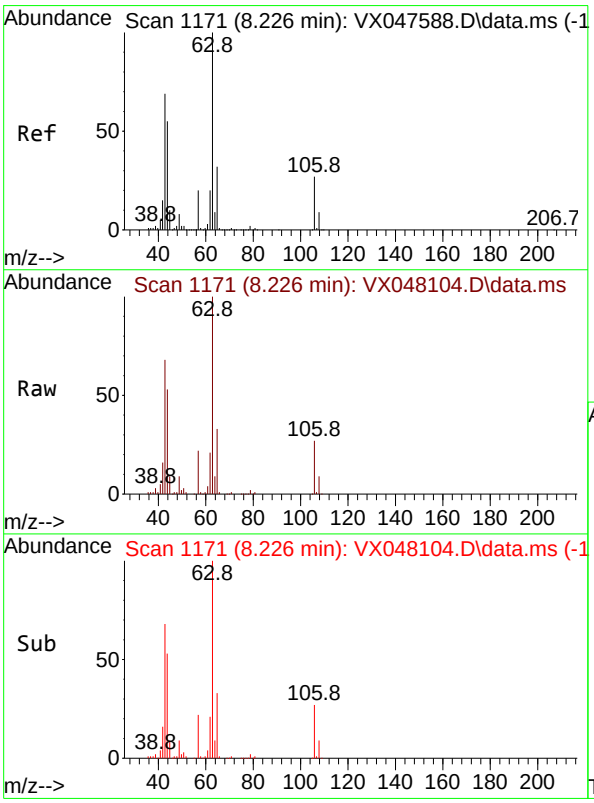
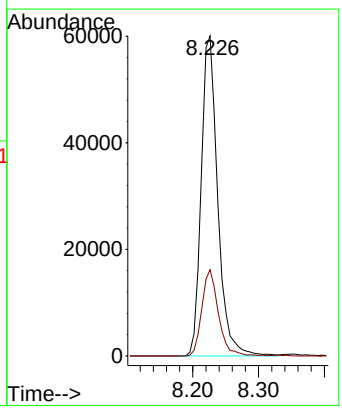
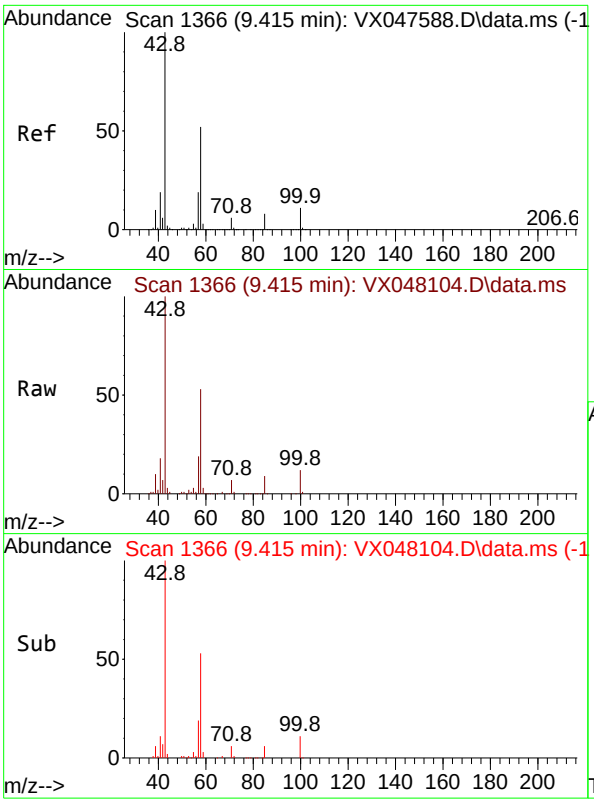


#58
2-Chloroethyl Vinyl ether
Concen: 93.585 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 63 Resp: 104857

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.9	32.9

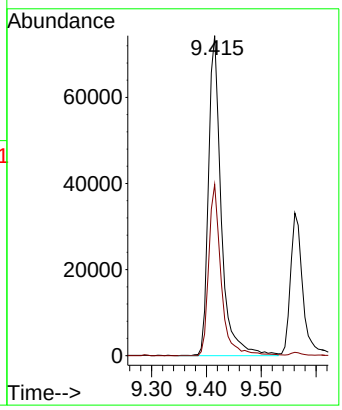




#59
2-Hexanone
Concen: 76.487 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 11995

Ion	Ratio	Lower	Upper
43	100		
58	52.2	26.1	78.2



Instrument :
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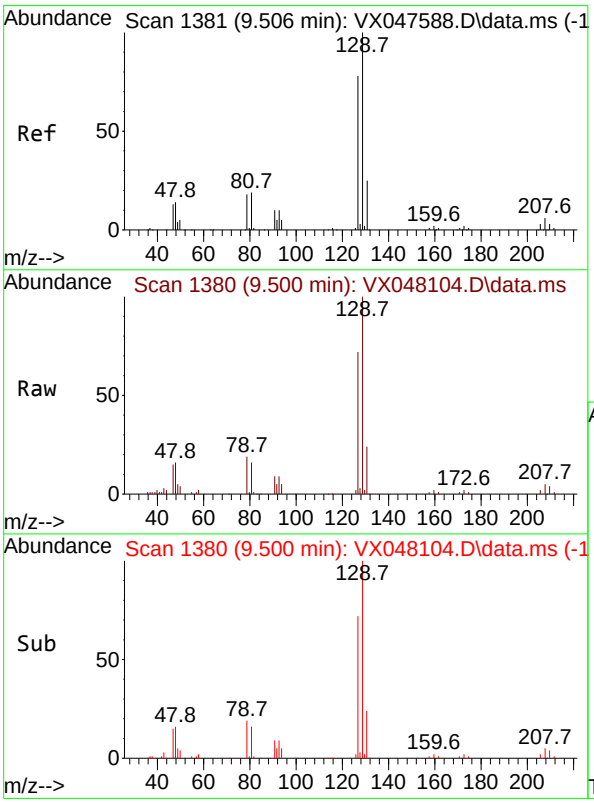
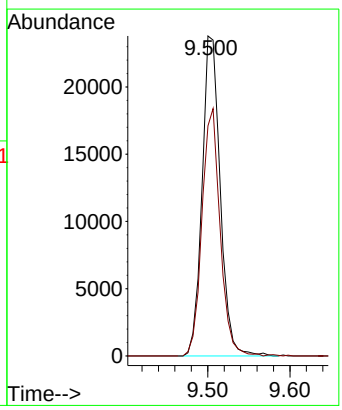
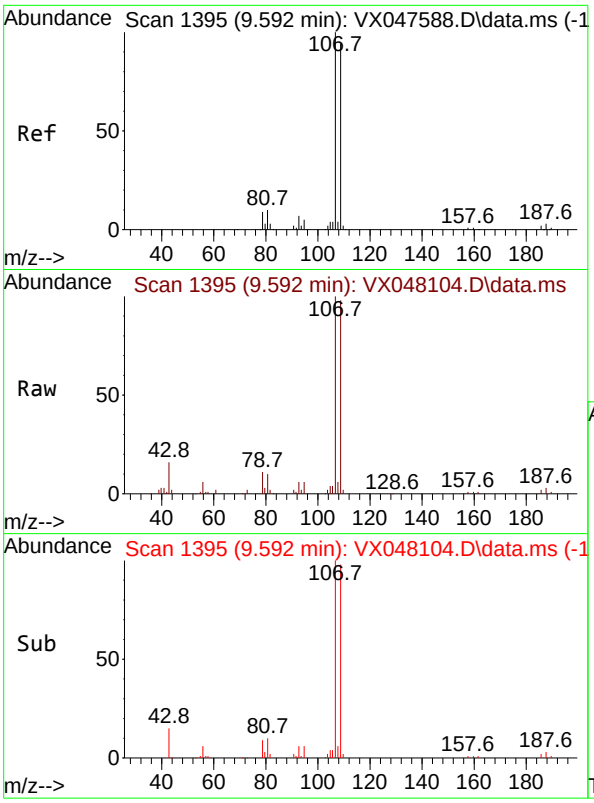


#60
Dibromochloromethane
Concen: 19.533 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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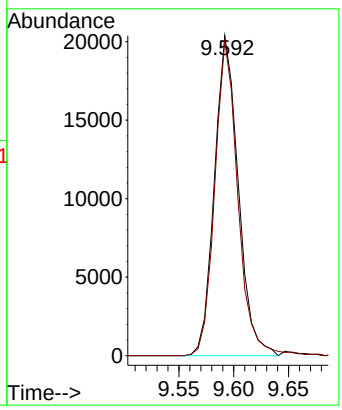
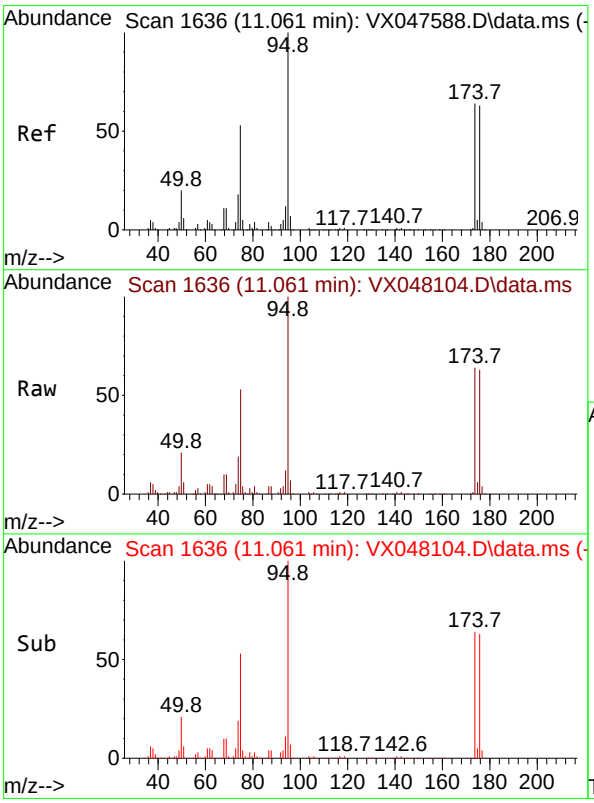
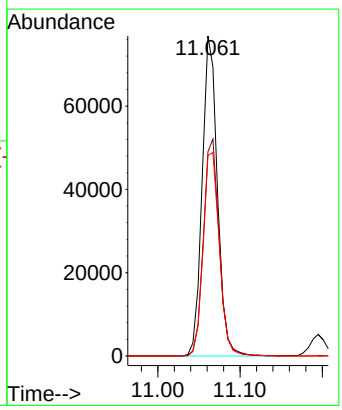


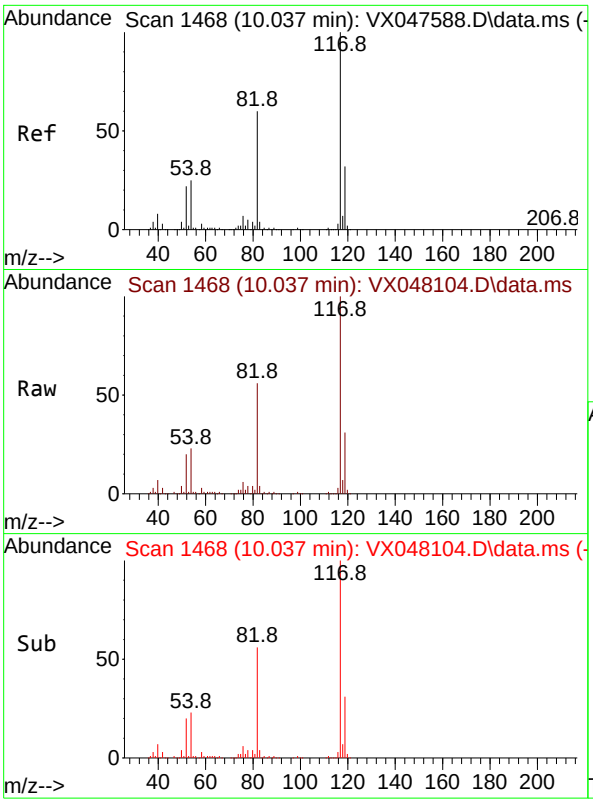


#62
4-Bromofluorobenzene
Concen: 49.215 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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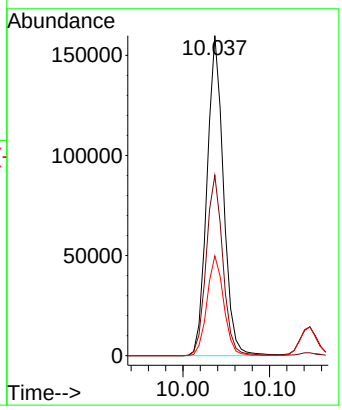
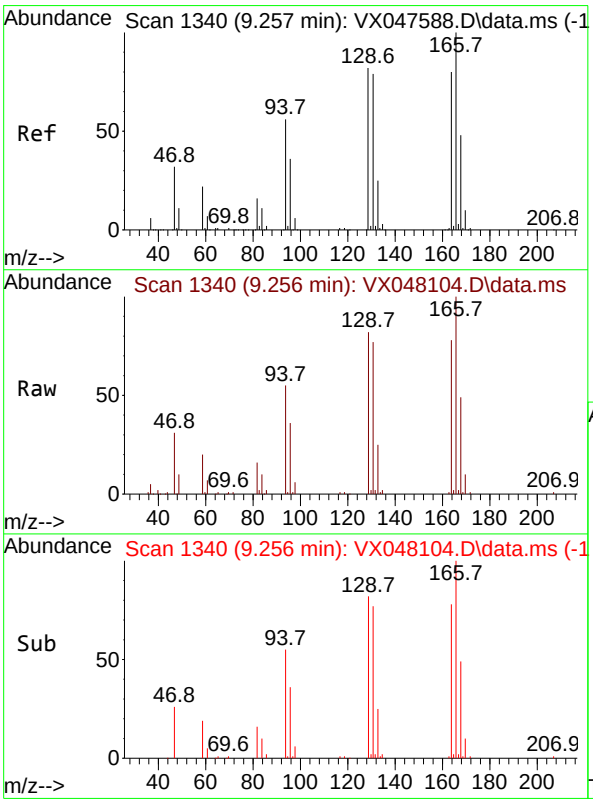
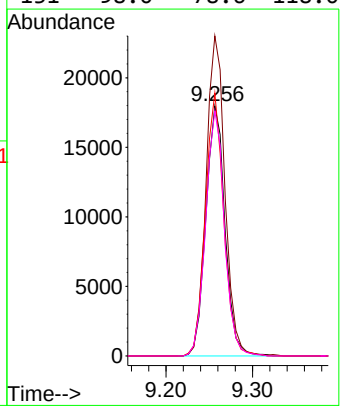


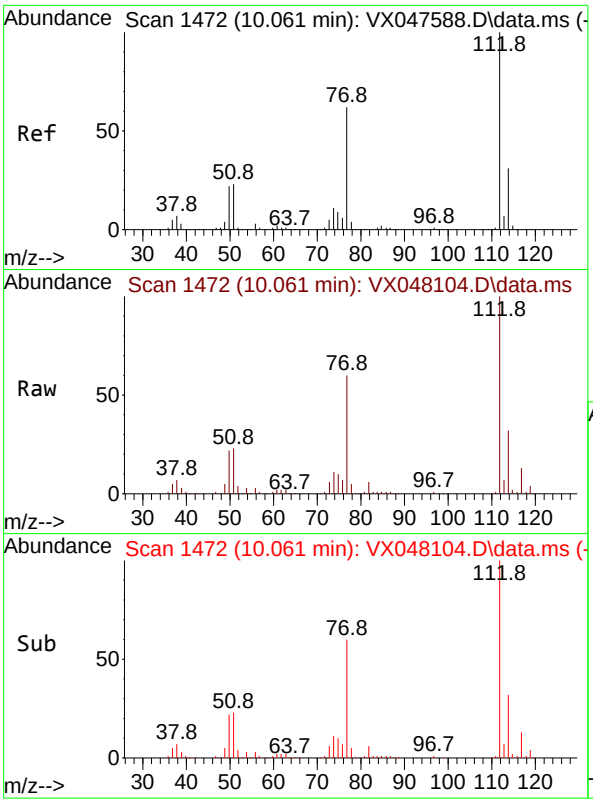


#64
Tetrachloroethene
Concen: 19.993 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

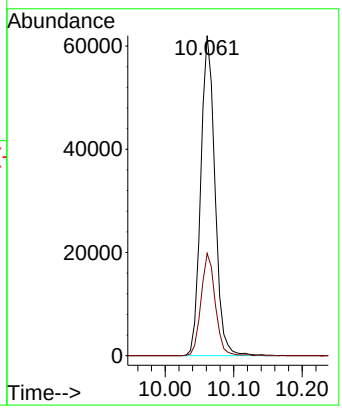




#65
Chlorobenzene
Concen: 18.614 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:112 Resp: 8942

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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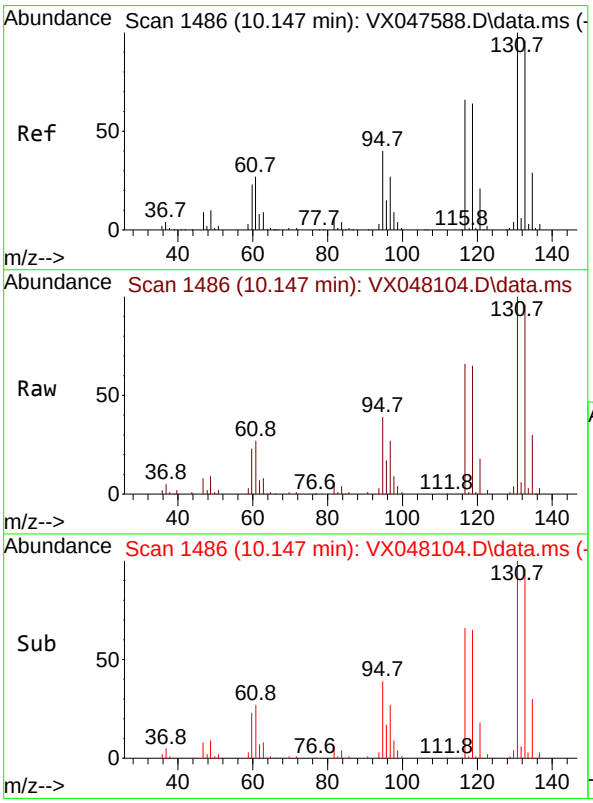
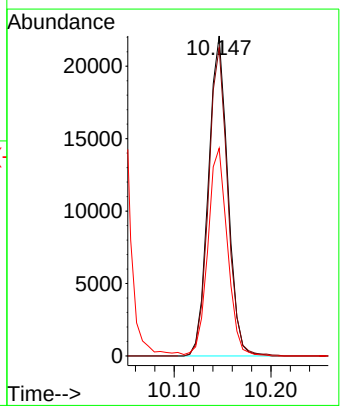
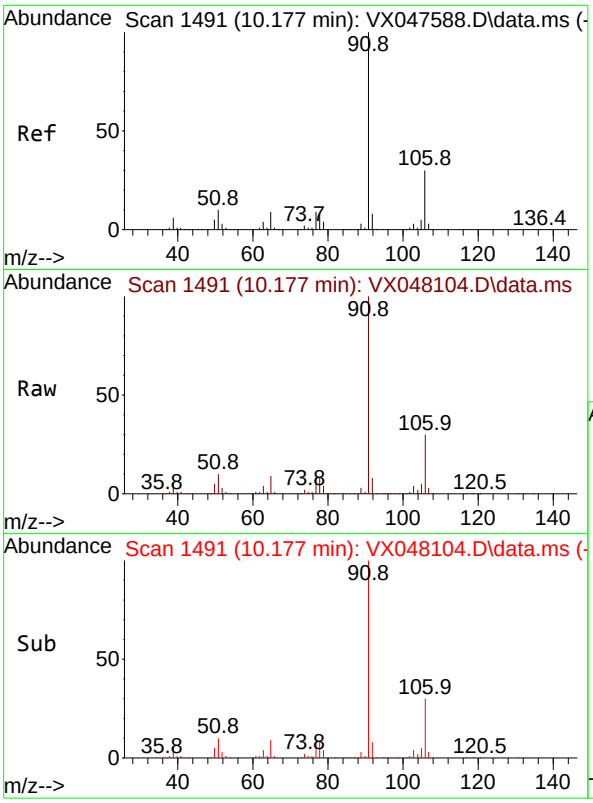


#66
1,1,1,2-Tetrachloroethane
Concen: 18.575 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

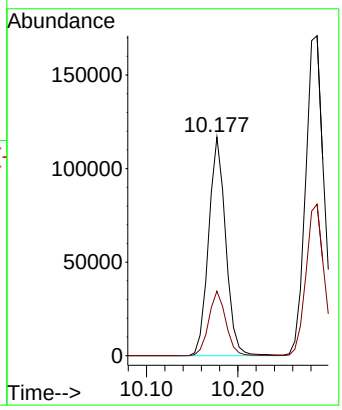




#67
Ethyl Benzene
Concen: 18.232 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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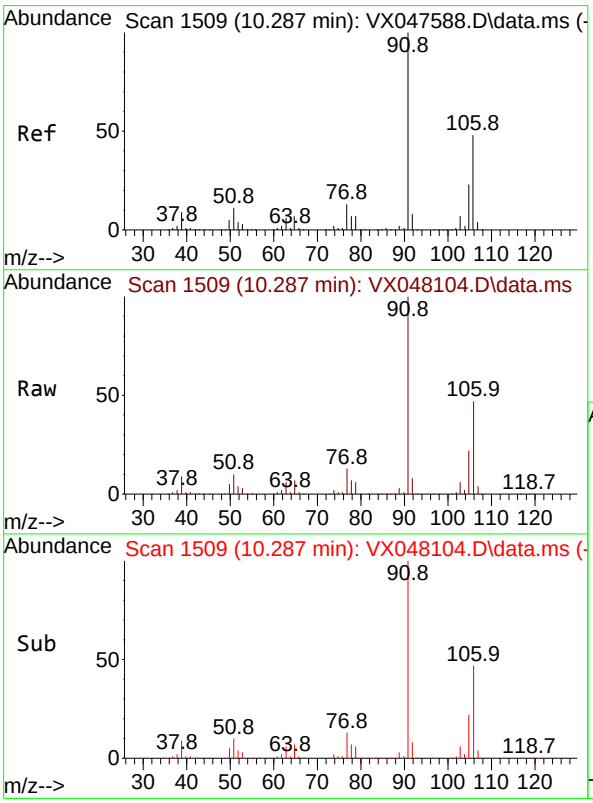
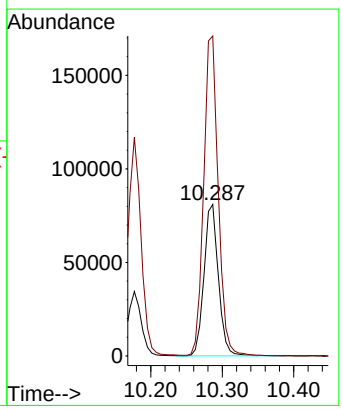
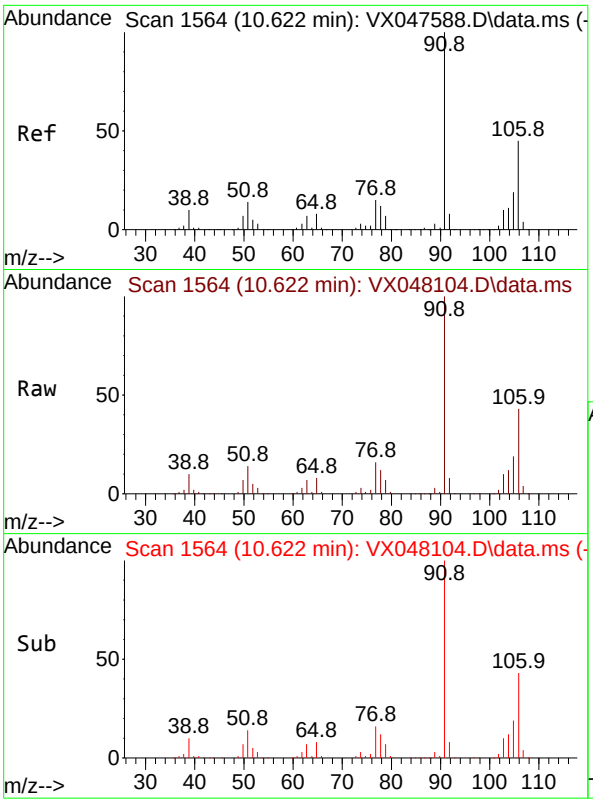


#68
m/p-Xylenes
Concen: 36.680 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:106 Resp: 113176

Ion	Ratio	Lower	Upper
106	100		
91	213.3	167.8	251.8

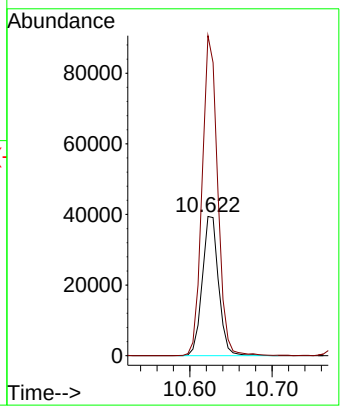




#69
o-Xylene
Concen: 18.169 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:106 Resp: 5422

Ion	Ratio	Lower	Upper
106	100		
91	219.5	111.1	333.4



Instrument :
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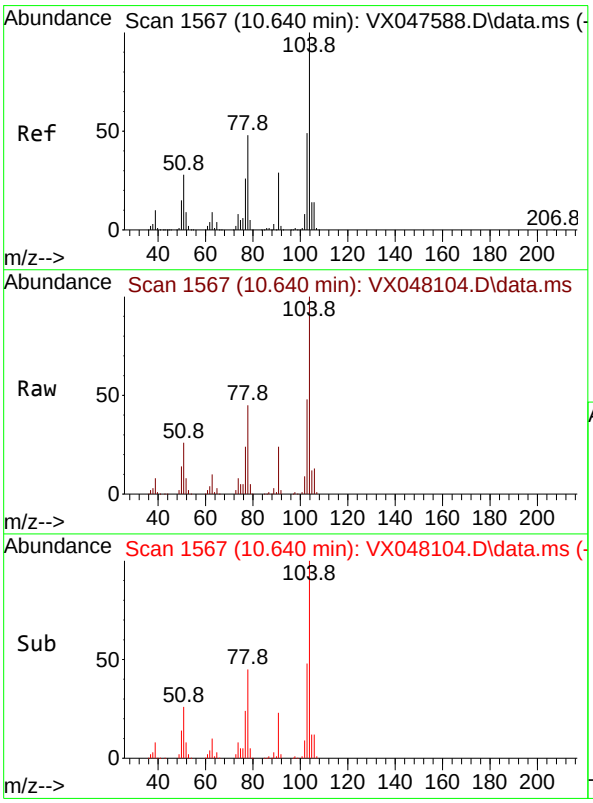
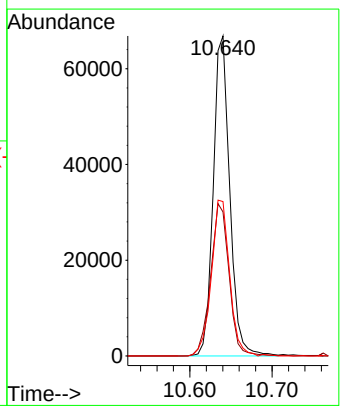
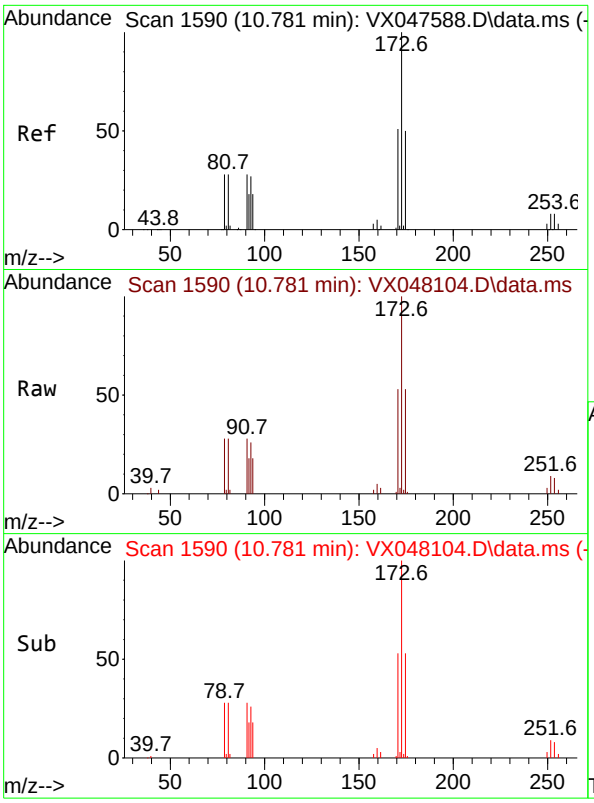


#70
Styrene
Concen: 17.854 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

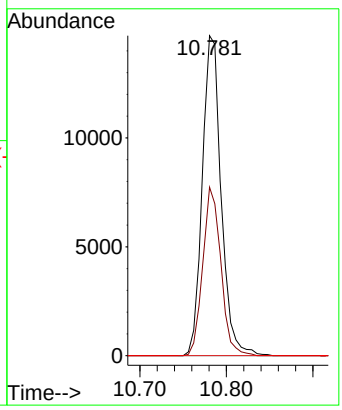




#71
Bromoform
Concen: 17.957 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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 :
MSVOA_X
ClientSampleId :
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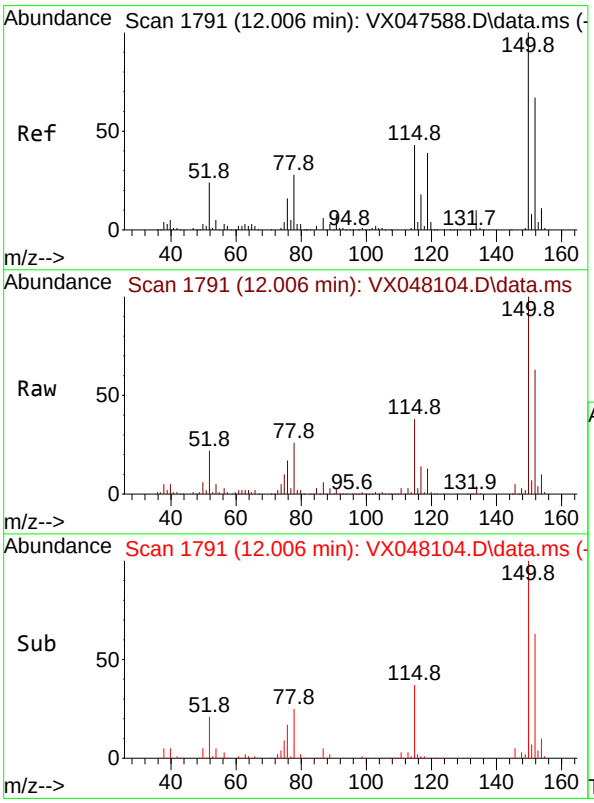
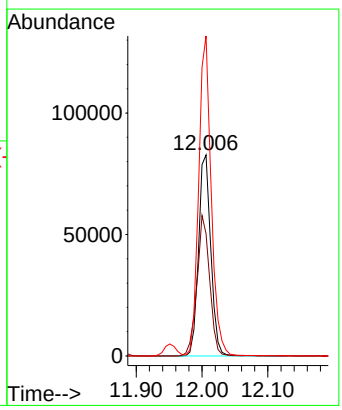
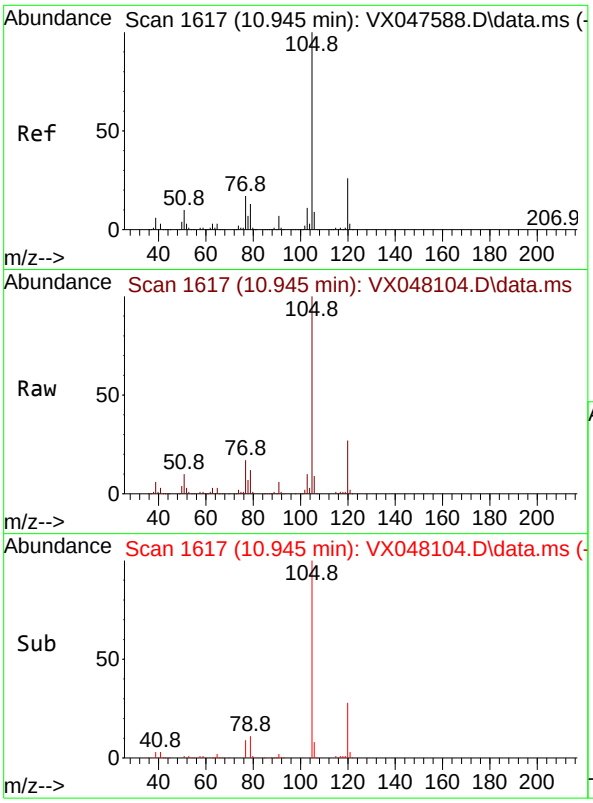


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

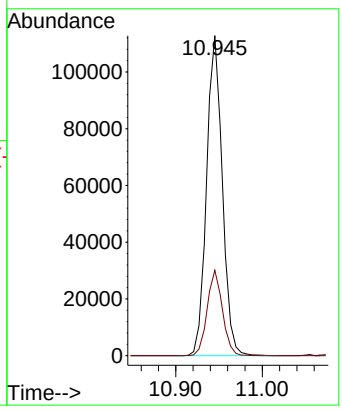




#73
Isopropylbenzene
Concen: 17.504 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:105 Resp: 14229

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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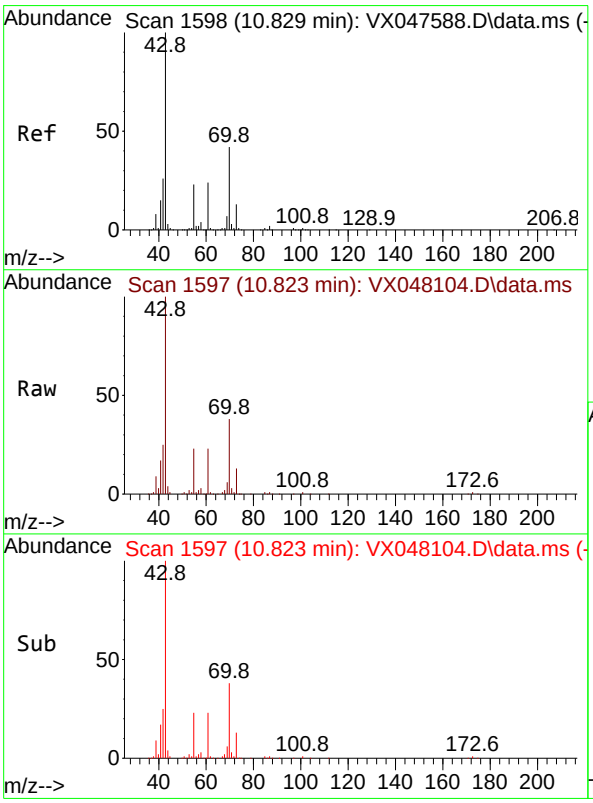
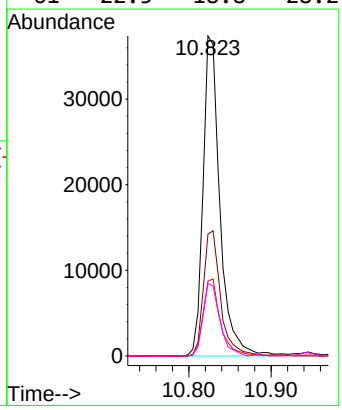
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

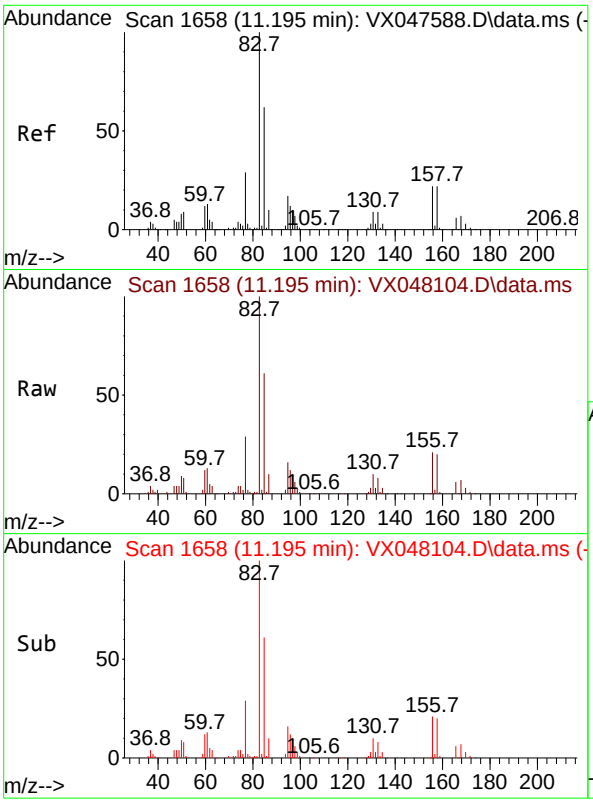


#74
N-amyl acetate
Concen: 14.385 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

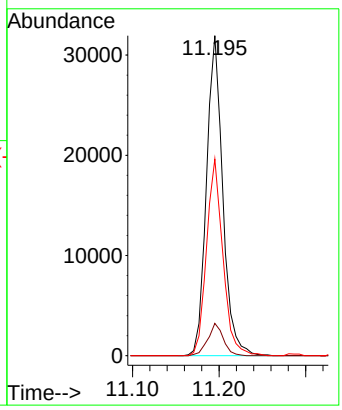




#75
1,1,2,2-Tetrachloroethane
Concen: 16.979 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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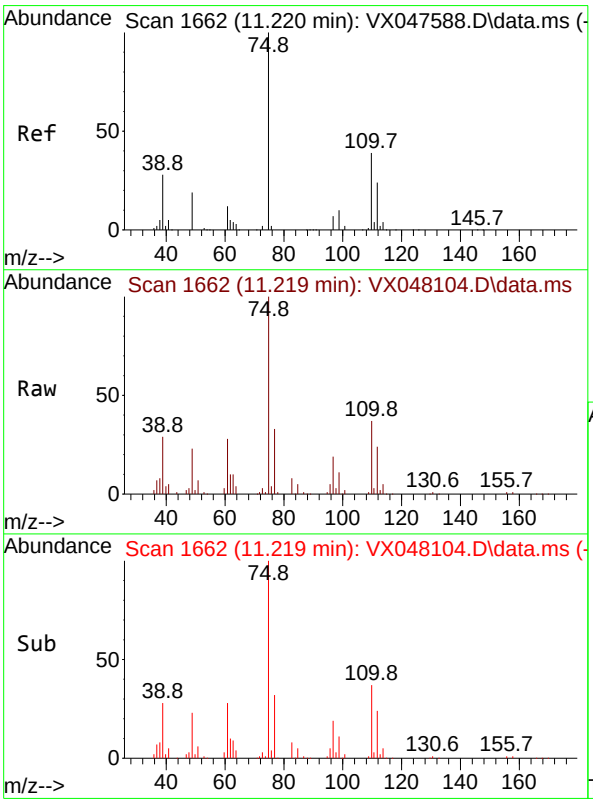
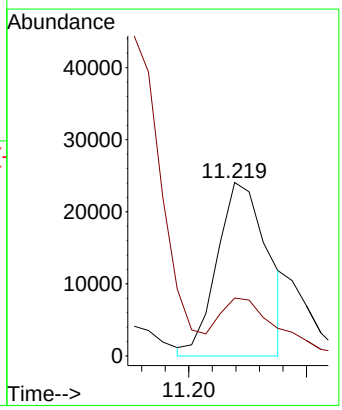
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

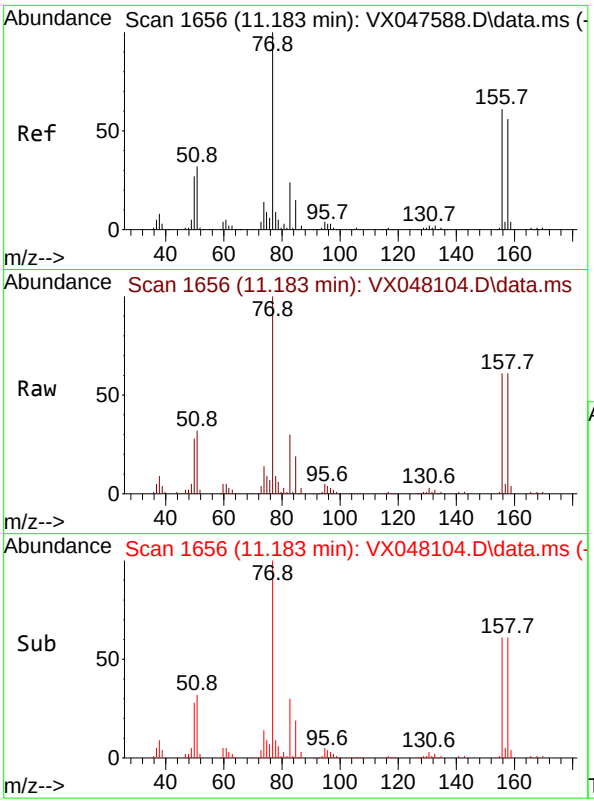


#76
1,2,3-Trichloropropane
Concen: 16.488 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 75 Resp: 35694

Ion	Ratio	Lower	Upper
75	100		
77	38.3	18.8	56.4

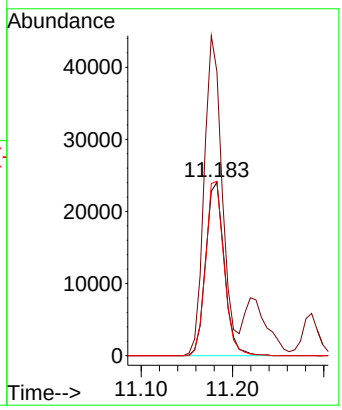




#77
Bromobenzene
Concen: 16.930 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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ClientSampleId :
VX1010WBS01

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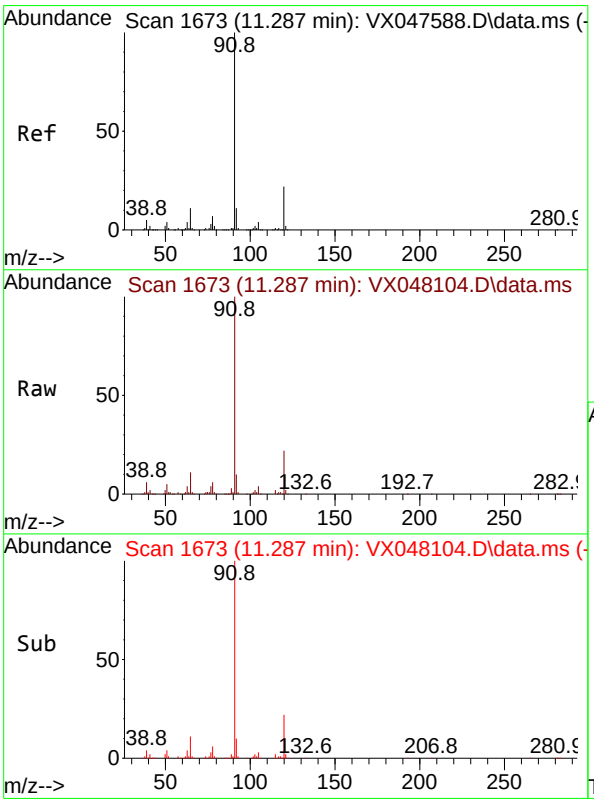
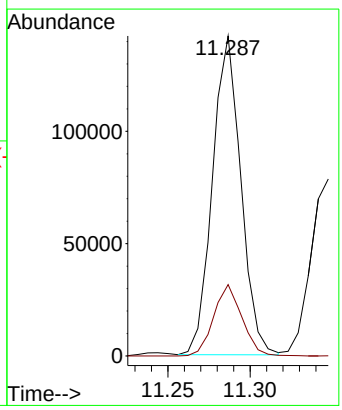
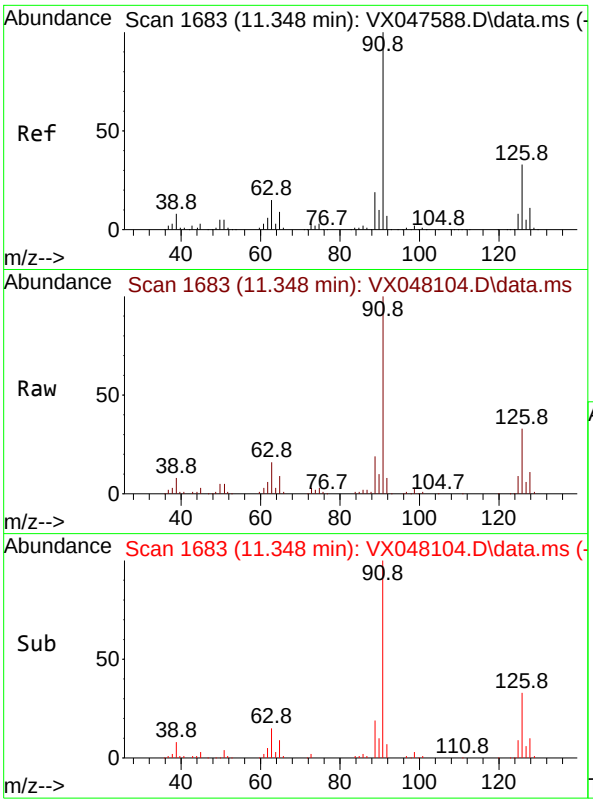


#78
n-propylbenzene
Concen: 17.715 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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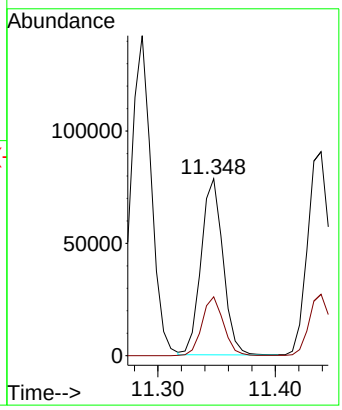
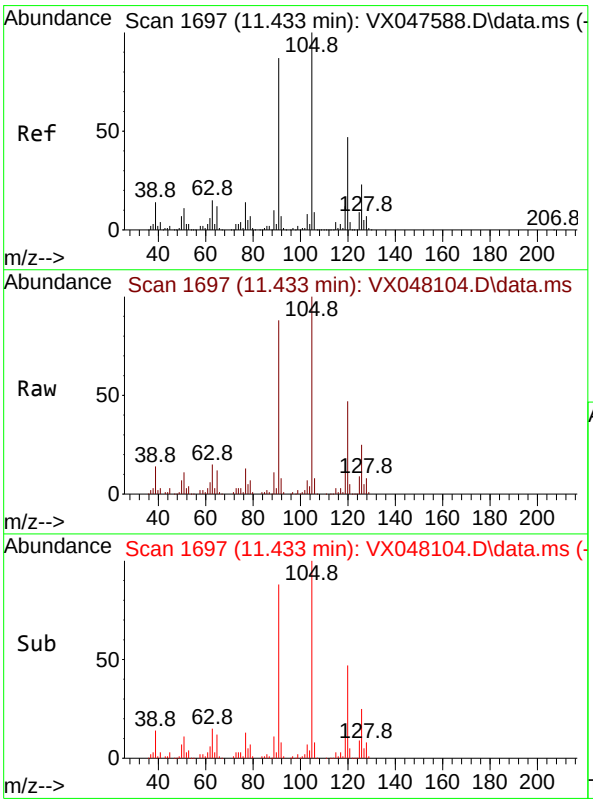
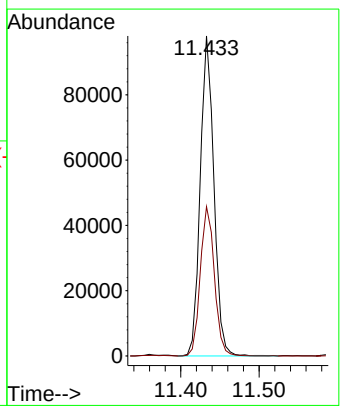


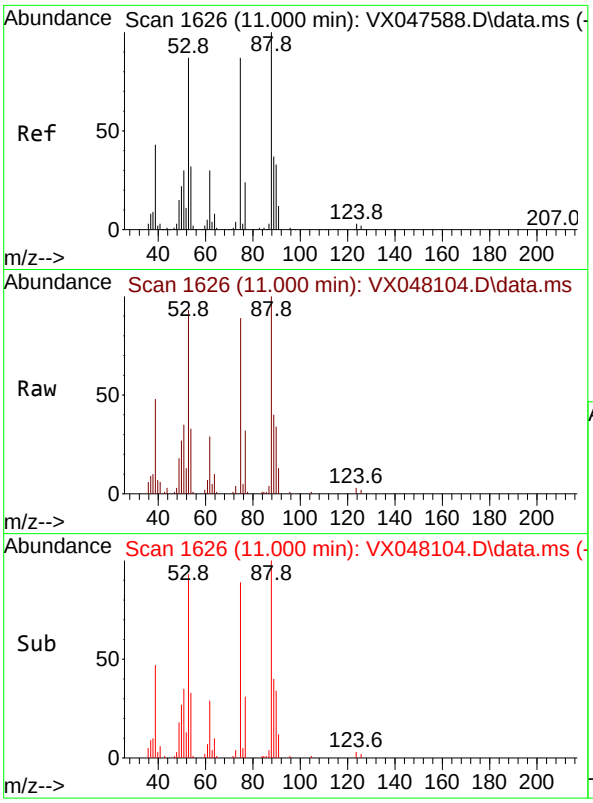


#80
1,3,5-Trimethylbenzene
Concen: 17.747 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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
ClientSampleId :
VX1010WBS01

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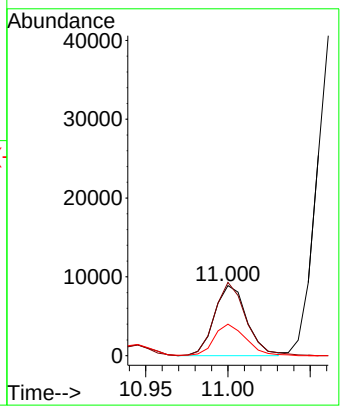
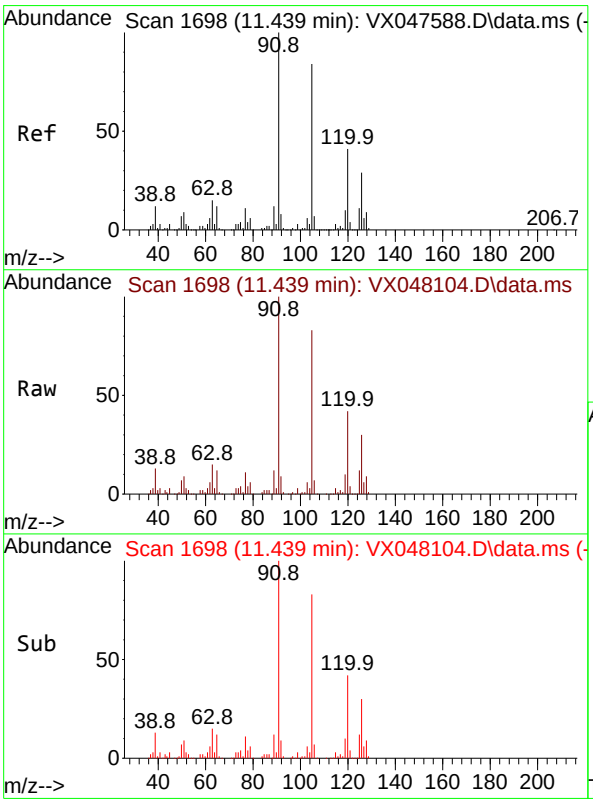
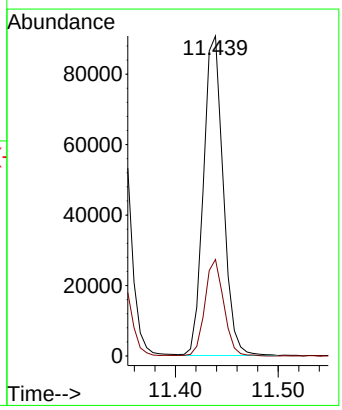


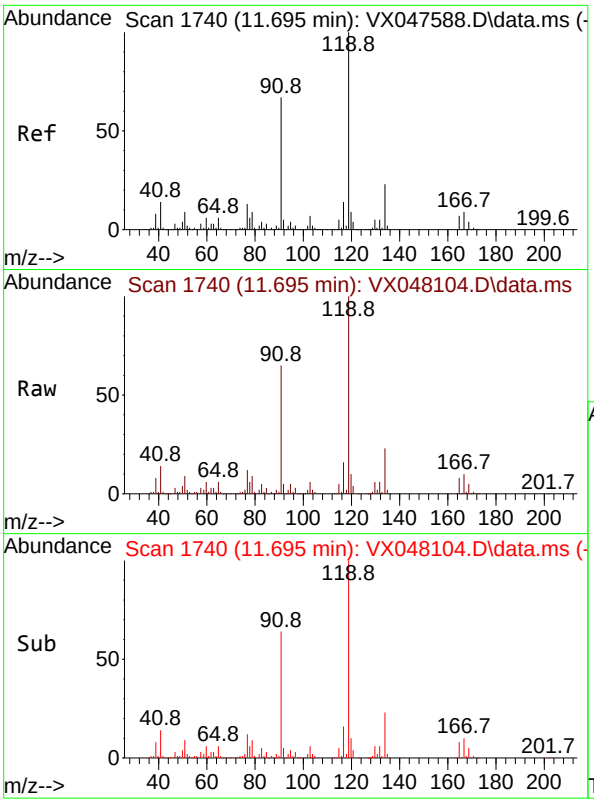


#82
4-Chlorotoluene
Concen: 17.437 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 91 Resp: 121212

Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.2	42.6

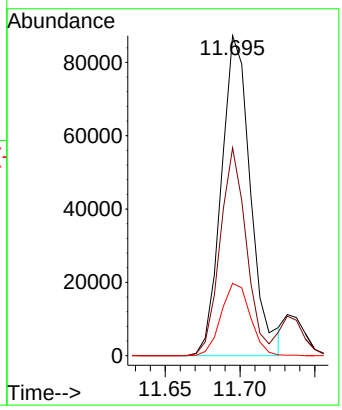




#83
tert-Butylbenzene
Concen: 17.331 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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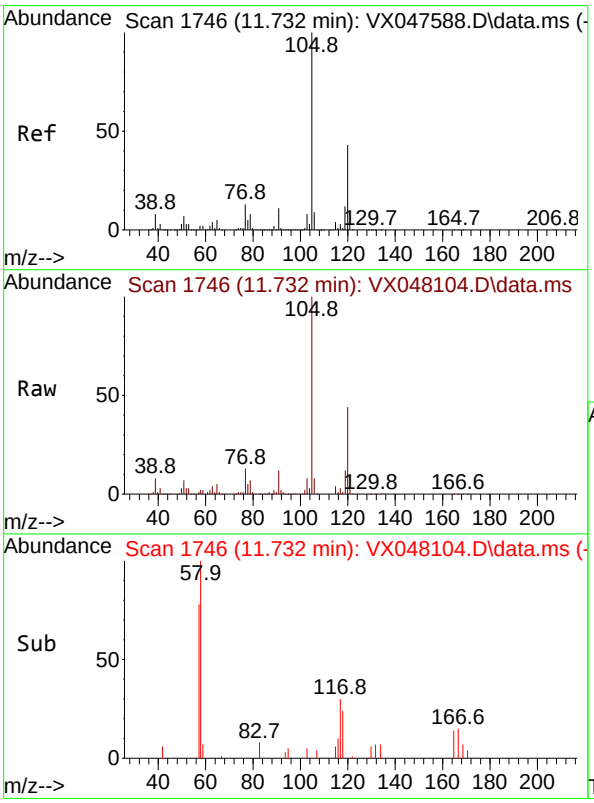
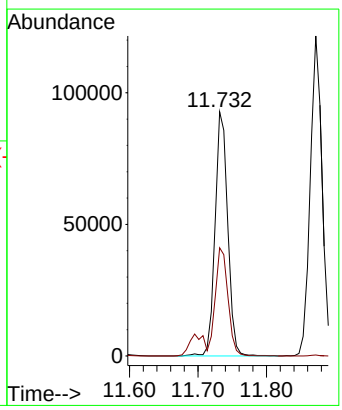
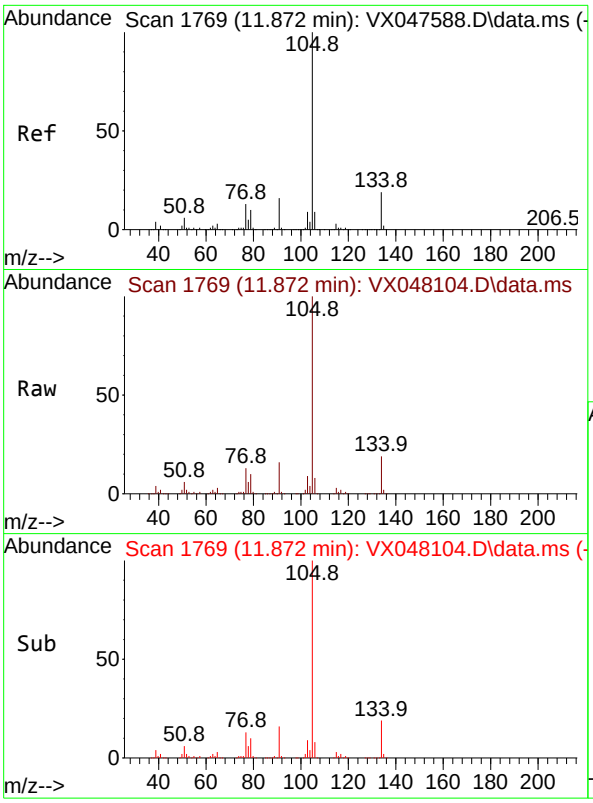


#84
1,2,4-Trimethylbenzene
Concen: 17.519 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:105 Resp: 118622

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1

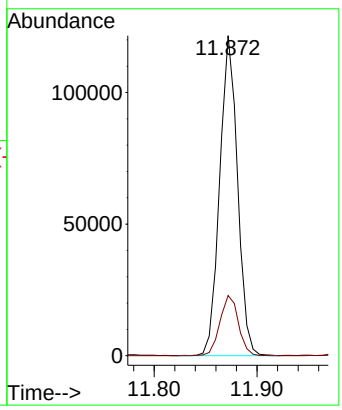




#85
sec-Butylbenzene
Concen: 18.015 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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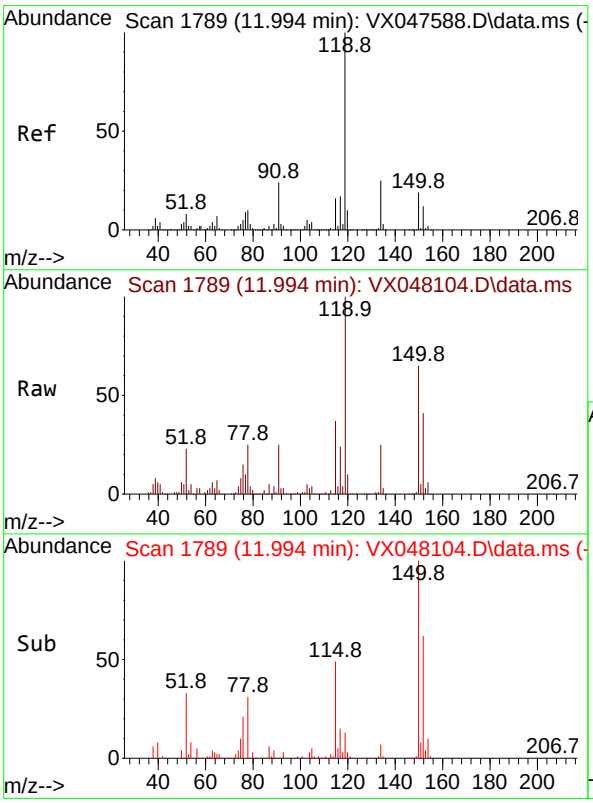
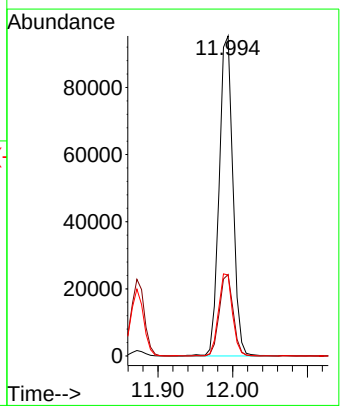
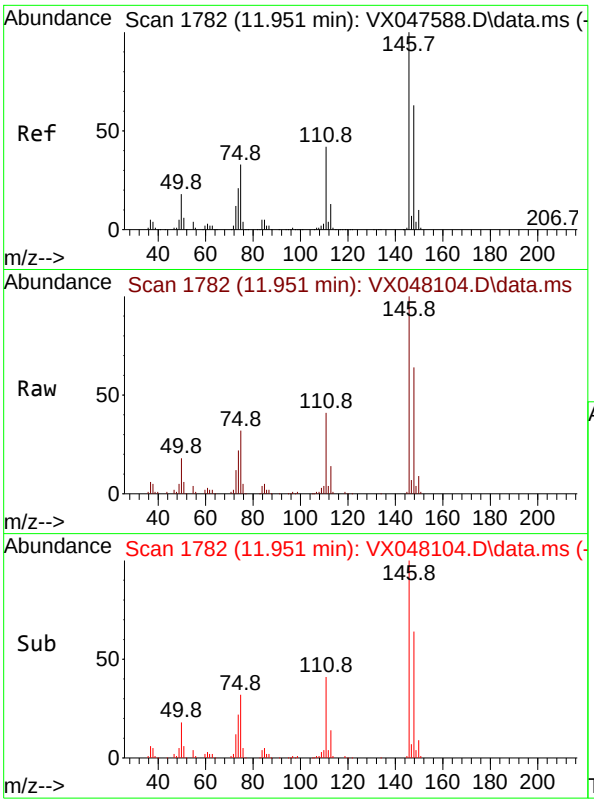


#86
p-Isopropyltoluene
Concen: 17.736 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

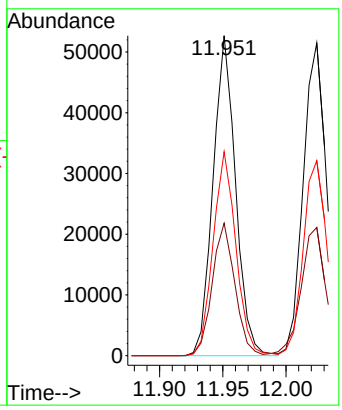




#87
1,3-Dichlorobenzene
Concen: 17.517 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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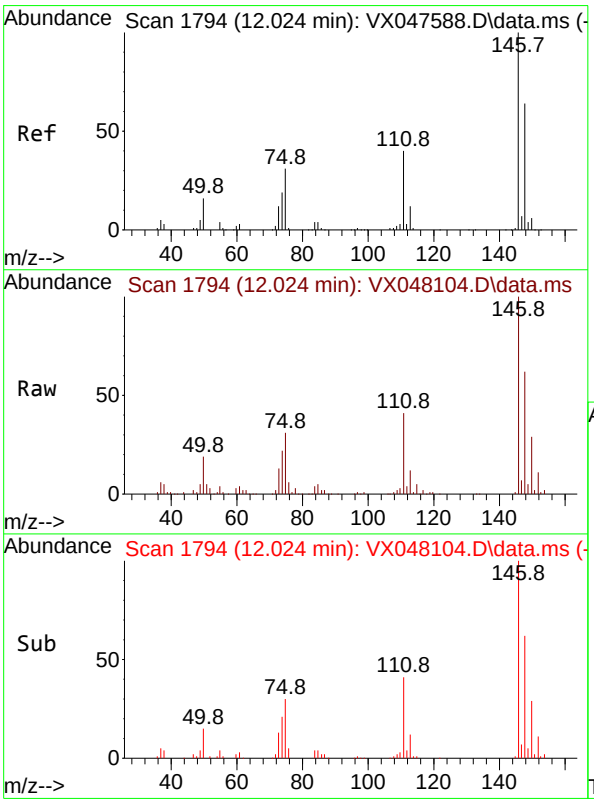
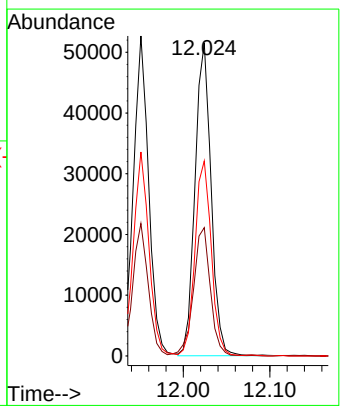
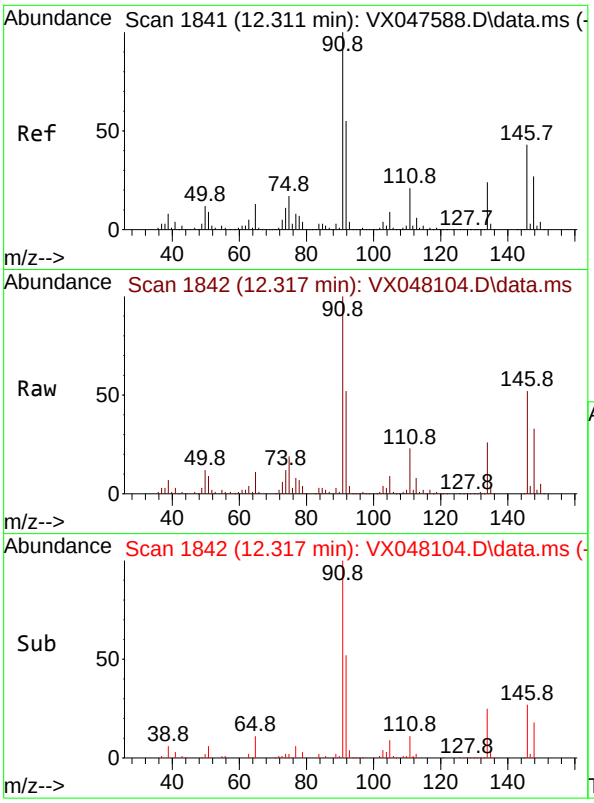


#88
1,4-Dichlorobenzene
Concen: 17.399 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

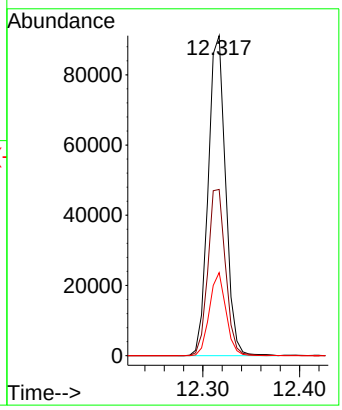




#89
n-Butylbenzene
Concen: 17.890 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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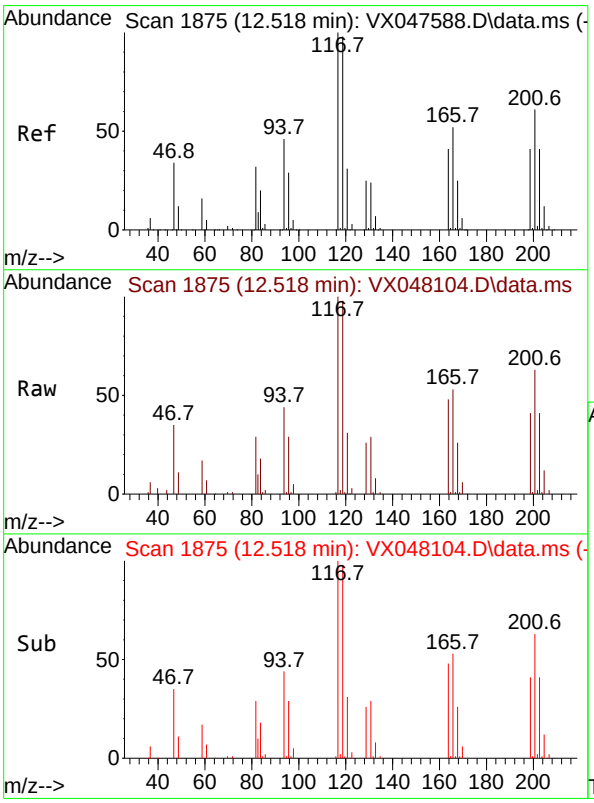
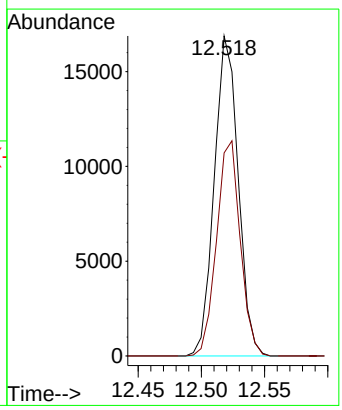
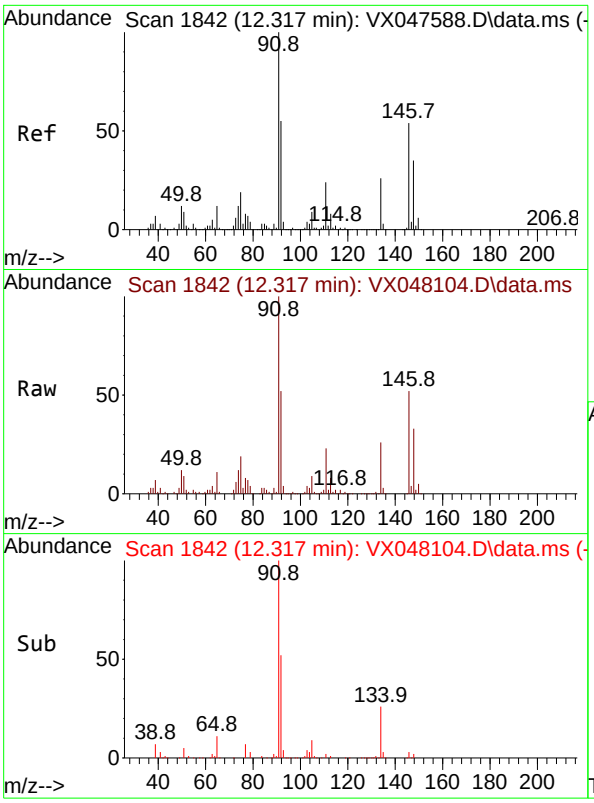


#90
Hexachloroethane
Concen: 18.342 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:117 Resp: 22140

Ion	Ratio	Lower	Upper
117	100		
201	66.7	34.2	102.5

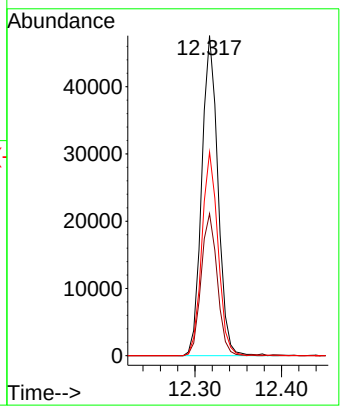




#91
1,2-Dichlorobenzene
Concen: 17.427 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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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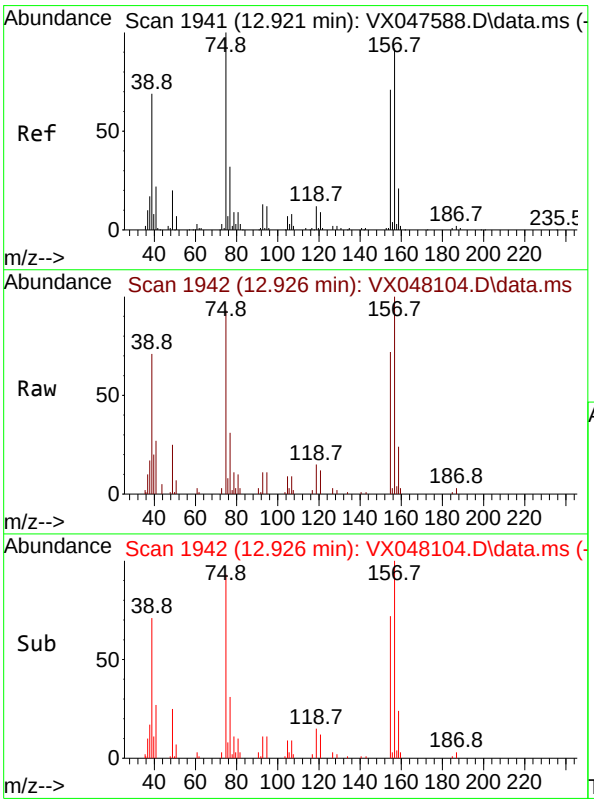
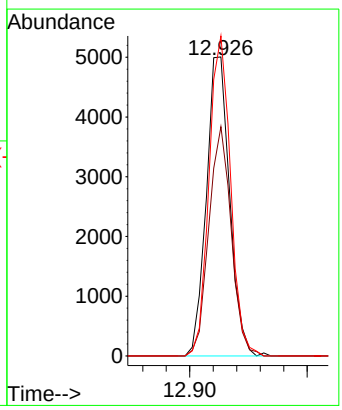
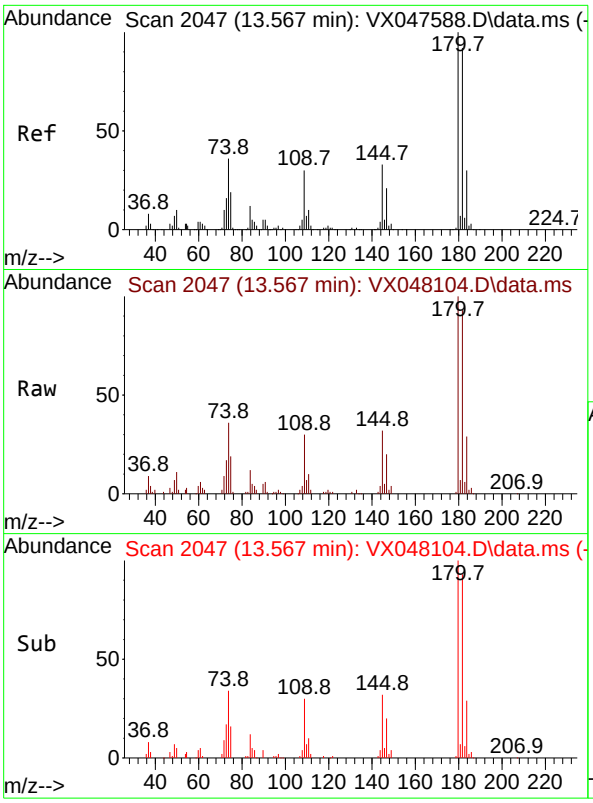


#92
1,2-Dibromo-3-Chloropropane
Concen: 13.877 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

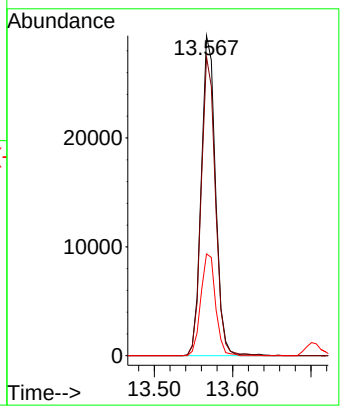




#93
1,2,4-Trichlorobenzene
Concen: 16.070 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:180 Resp: 3700

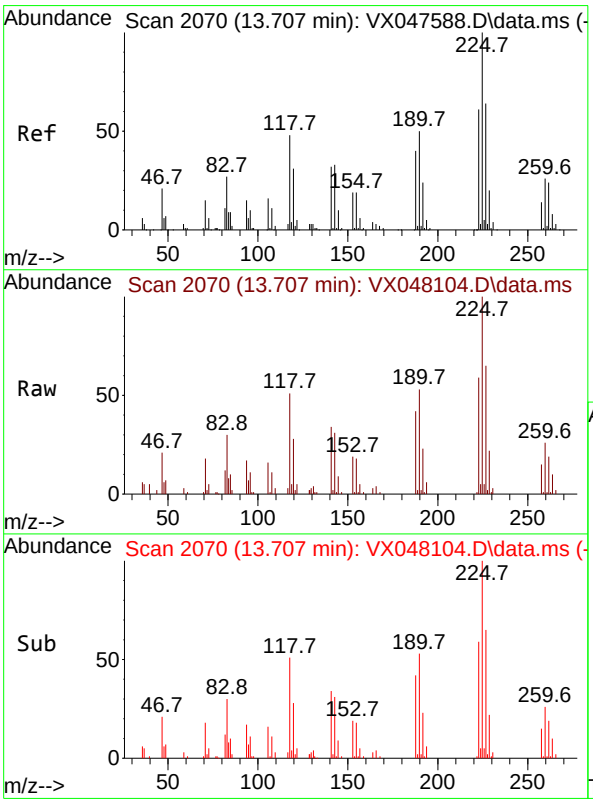
Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.6	139.8
145	32.9	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
APPROVED

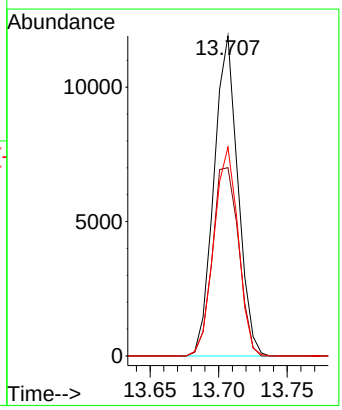
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

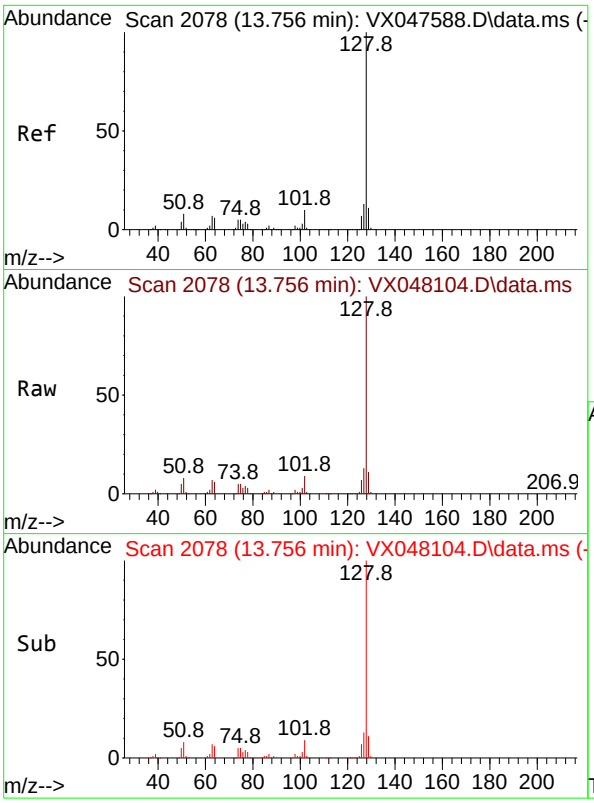


#94
Hexachlorobutadiene
Concen: 18.493 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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

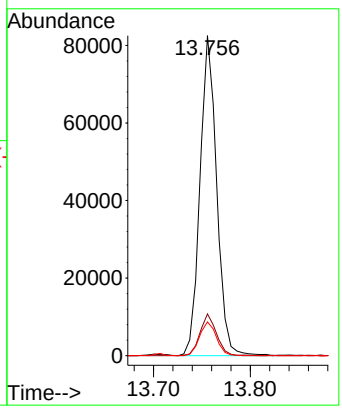




#95
Naphthalene
Concen: 14.169 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:128 Resp: 9934

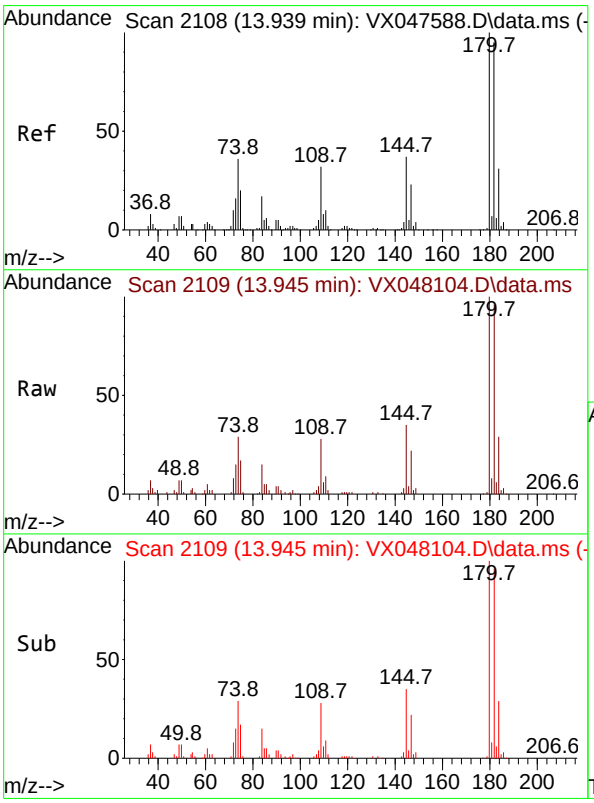
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.6	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Manual Integrations
APPROVED

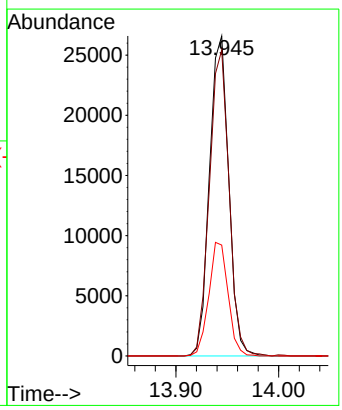
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#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:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1013WBS01	SDG No.:	Q3324
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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	21.4		1	0.22	0.50	1.00	ug/L	10/13/25 10:43	VX101325
74-87-3	Chloromethane	18.7		1	0.32	0.50	1.00	ug/L	10/13/25 10:43	VX101325
75-01-4	Vinyl Chloride	20.0		1	0.26	0.75	1.00	ug/L	10/13/25 10:43	VX101325
74-83-9	Bromomethane	22.5		1	1.40	3.80	5.00	ug/L	10/13/25 10:43	VX101325
75-00-3	Chloroethane	20.0		1	0.47	0.75	1.00	ug/L	10/13/25 10:43	VX101325
75-69-4	Trichlorofluoromethane	20.1		1	0.33	0.50	1.00	ug/L	10/13/25 10:43	VX101325
76-13-1	1,1,2-Trichlorotrifluoroethane	20.0		1	0.25	0.50	1.00	ug/L	10/13/25 10:43	VX101325
75-35-4	1,1-Dichloroethene	19.4		1	0.23	0.75	1.00	ug/L	10/13/25 10:43	VX101325
67-64-1	Acetone	79.7		1	1.50	3.80	5.00	ug/L	10/13/25 10:43	VX101325
75-15-0	Carbon Disulfide	21.6		1	0.21	0.75	1.00	ug/L	10/13/25 10:43	VX101325
1634-04-4	Methyl tert-butyl Ether	16.9		1	0.16	0.50	1.00	ug/L	10/13/25 10:43	VX101325
79-20-9	Methyl Acetate	14.3		1	0.27	0.75	1.00	ug/L	10/13/25 10:43	VX101325
75-09-2	Methylene Chloride	18.0		1	0.28	0.50	1.00	ug/L	10/13/25 10:43	VX101325
156-60-5	trans-1,2-Dichloroethene	19.8		1	0.23	0.50	1.00	ug/L	10/13/25 10:43	VX101325
75-34-3	1,1-Dichloroethane	18.7		1	0.23	0.50	1.00	ug/L	10/13/25 10:43	VX101325
110-82-7	Cyclohexane	19.6		1	1.50	2.50	5.00	ug/L	10/13/25 10:43	VX101325
78-93-3	2-Butanone	77.9		1	0.98	2.50	5.00	ug/L	10/13/25 10:43	VX101325
56-23-5	Carbon Tetrachloride	20.0		1	0.25	0.50	1.00	ug/L	10/13/25 10:43	VX101325
156-59-2	cis-1,2-Dichloroethene	18.7		1	0.19	0.75	1.00	ug/L	10/13/25 10:43	VX101325
74-97-5	Bromochloromethane	18.1		1	0.22	0.50	1.00	ug/L	10/13/25 10:43	VX101325
67-66-3	Chloroform	19.1		1	0.25	0.50	1.00	ug/L	10/13/25 10:43	VX101325
71-55-6	1,1,1-Trichloroethane	19.5		1	0.20	0.50	1.00	ug/L	10/13/25 10:43	VX101325
108-87-2	Methylcyclohexane	19.9		1	0.16	0.50	1.00	ug/L	10/13/25 10:43	VX101325
71-43-2	Benzene	19.8		1	0.15	0.50	1.00	ug/L	10/13/25 10:43	VX101325
107-06-2	1,2-Dichloroethane	19.1		1	0.22	0.50	1.00	ug/L	10/13/25 10:43	VX101325
79-01-6	Trichloroethene	20.2		1	0.090	0.75	1.00	ug/L	10/13/25 10:43	VX101325
78-87-5	1,2-Dichloropropane	19.5		1	0.20	0.50	1.00	ug/L	10/13/25 10:43	VX101325
75-27-4	Bromodichloromethane	19.8		1	0.22	0.50	1.00	ug/L	10/13/25 10:43	VX101325
108-10-1	4-Methyl-2-Pentanone	83.1		1	0.68	2.50	5.00	ug/L	10/13/25 10:43	VX101325
108-88-3	Toluene	20.2		1	0.14	0.50	1.00	ug/L	10/13/25 10:43	VX101325
10061-02-6	t-1,3-Dichloropropene	18.6		1	0.17	0.50	1.00	ug/L	10/13/25 10:43	VX101325
10061-01-5	cis-1,3-Dichloropropene	19.4		1	0.16	0.50	1.00	ug/L	10/13/25 10:43	VX101325
79-00-5	1,1,2-Trichloroethane	18.9		1	0.21	0.50	1.00	ug/L	10/13/25 10:43	VX101325
591-78-6	2-Hexanone	81.2		1	0.89	2.50	5.00	ug/L	10/13/25 10:43	VX101325
124-48-1	Dibromochloromethane	20.1		1	0.18	0.50	1.00	ug/L	10/13/25 10:43	VX101325
106-93-4	1,2-Dibromoethane	19.7		1	0.15	0.50	1.00	ug/L	10/13/25 10:43	VX101325
127-18-4	Tetrachloroethene	20.4		1	0.23	0.50	1.00	ug/L	10/13/25 10:43	VX101325
108-90-7	Chlorobenzene	19.5		1	0.12	0.50	1.00	ug/L	10/13/25 10:43	VX101325
100-41-4	Ethyl Benzene	19.2		1	0.13	0.50	1.00	ug/L	10/13/25 10:43	VX101325
179601-23-1	m/p-Xylenes	39.4		1	0.24	1.00	2.00	ug/L	10/13/25 10:43	VX101325
95-47-6	o-Xylene	19.4		1	0.12	0.50	1.00	ug/L	10/13/25 10:43	VX101325
100-42-5	Styrene	19.0		1	0.15	0.50	1.00	ug/L	10/13/25 10:43	VX101325
75-25-2	Bromoform	19.6		1	0.19	0.50	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:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1013WBS01	SDG No.:	Q3324
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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	18.0		1	0.12	0.50	1.00	ug/L	10/13/25 10:43	VX101325
79-34-5	1,1,2,2-Tetrachloroethane	16.9		1	0.26	0.50	1.00	ug/L	10/13/25 10:43	VX101325
541-73-1	1,3-Dichlorobenzene	18.0		1	0.16	0.50	1.00	ug/L	10/13/25 10:43	VX101325
106-46-7	1,4-Dichlorobenzene	17.8		1	0.19	0.50	1.00	ug/L	10/13/25 10:43	VX101325
95-50-1	1,2-Dichlorobenzene	17.8		1	0.16	0.50	1.00	ug/L	10/13/25 10:43	VX101325
96-12-8	1,2-Dibromo-3-Chloropropane	14.2		1	0.53	0.75	1.00	ug/L	10/13/25 10:43	VX101325
120-82-1	1,2,4-Trichlorobenzene	16.4		1	0.20	0.50	1.00	ug/L	10/13/25 10:43	VX101325
87-61-6	1,2,3-Trichlorobenzene	16.4		1	0.20	0.75	1.00	ug/L	10/13/25 10:43	VX101325
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	50.6			81 - 118		101%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.6			80 - 119		111%	SPK: 50		
2037-26-5	Toluene-d8	53.9			89 - 112		108%	SPK: 50		
460-00-4	4-Bromofluorobenzene	54.8			85 - 114		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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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 : 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
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Instrument :
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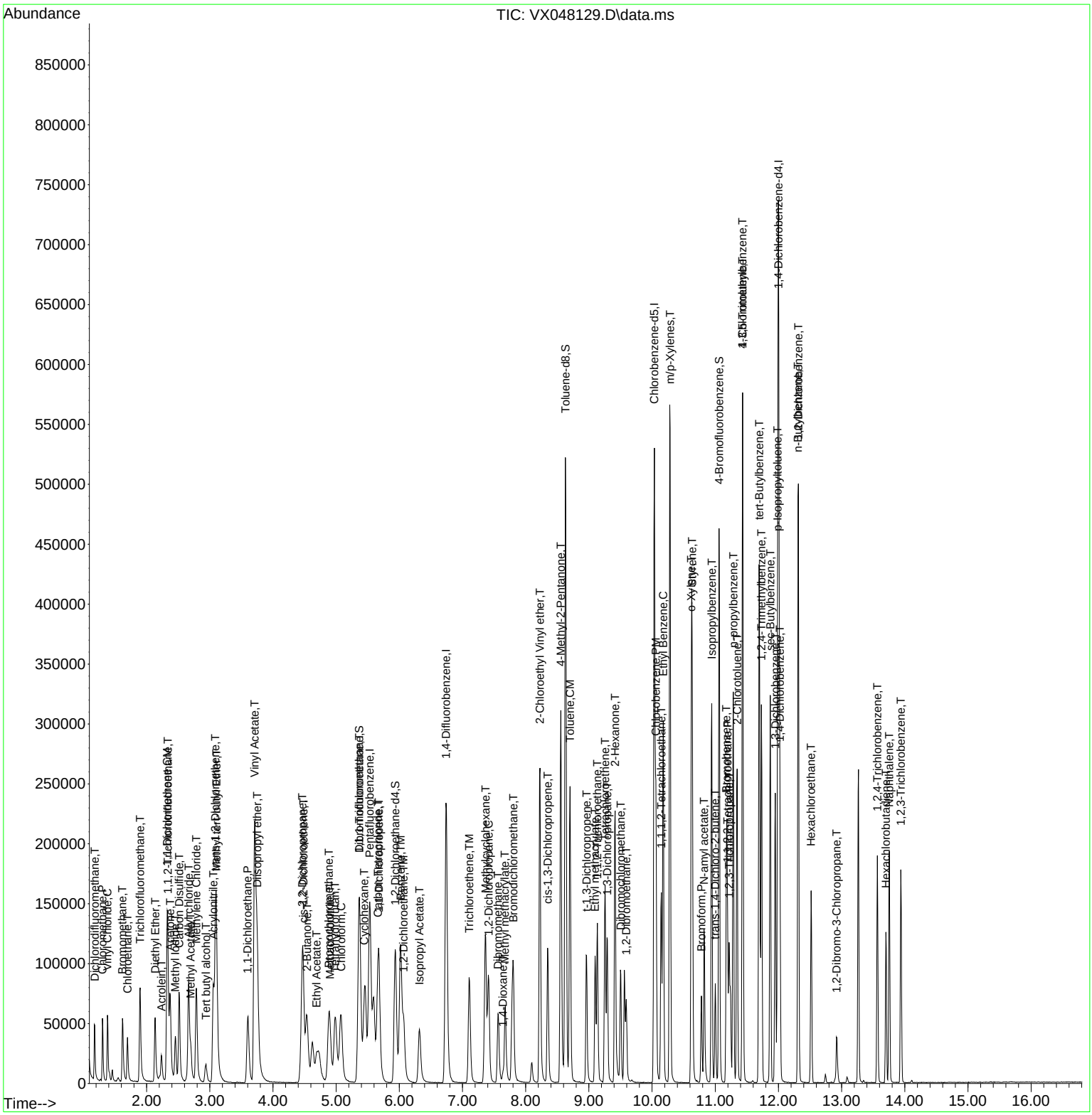
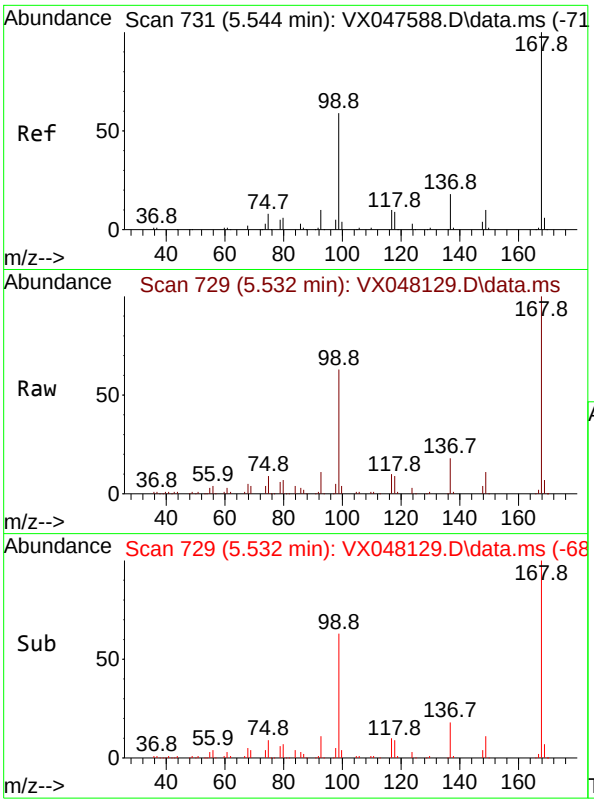
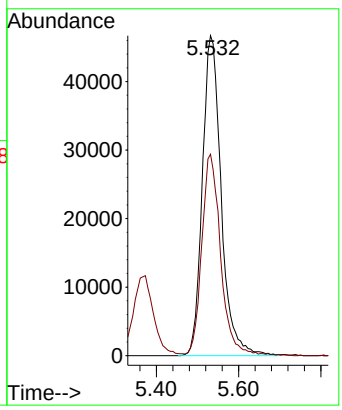




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:168 Resp: 14835

Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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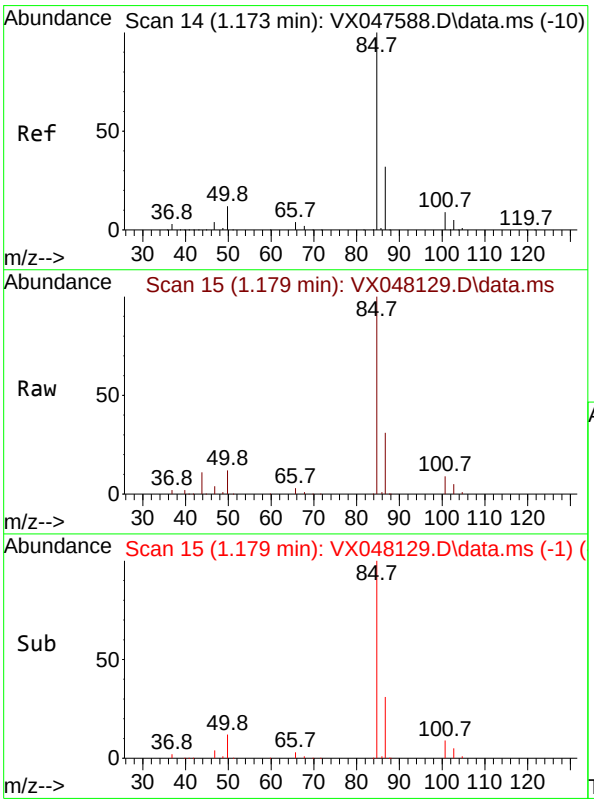
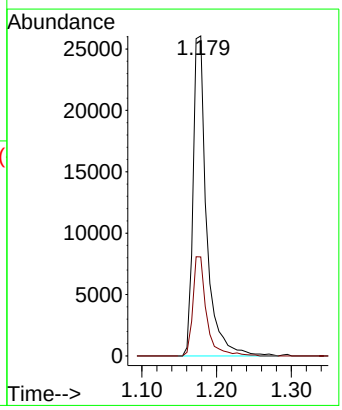
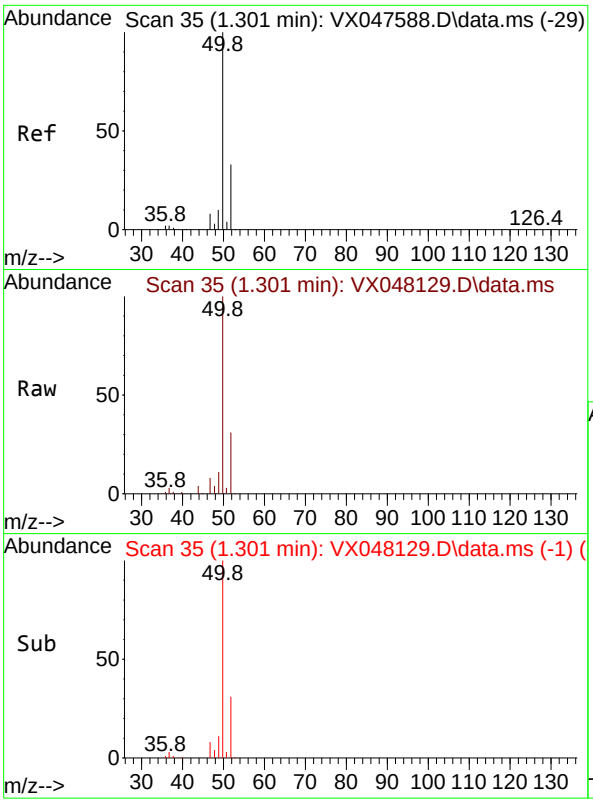


#2
Dichlorodifluoromethane
Concen: 21.370 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 85 Resp: 32828

Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.8	47.3

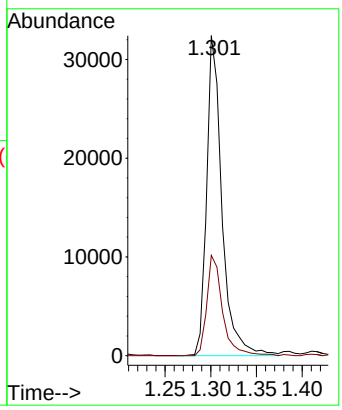




#3
Chloromethane
Concen: 18.654 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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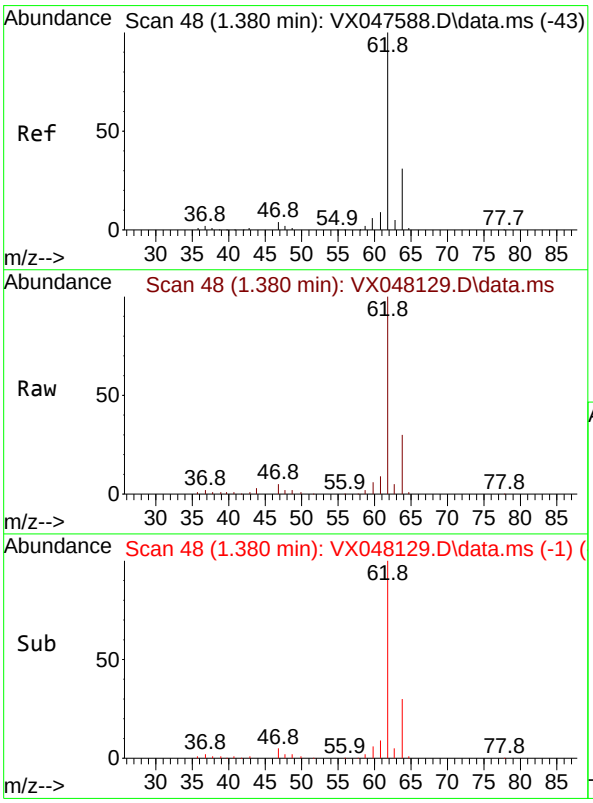
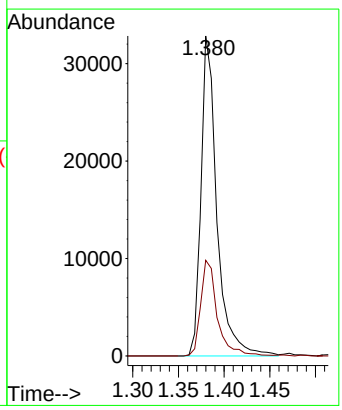
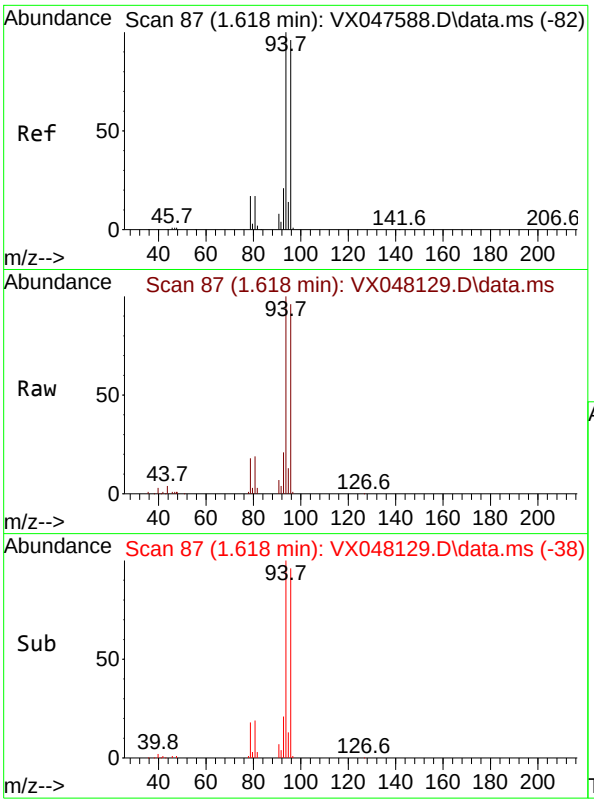


#4
Vinyl Chloride
Concen: 20.000 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 62 Resp: 39527

Ion	Ratio	Lower	Upper
62	100		
64	29.9	24.9	37.3

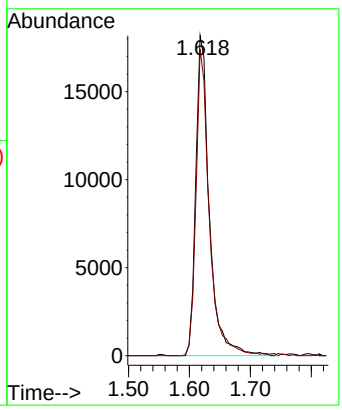




#5
Bromomethane
Concen: 22.531 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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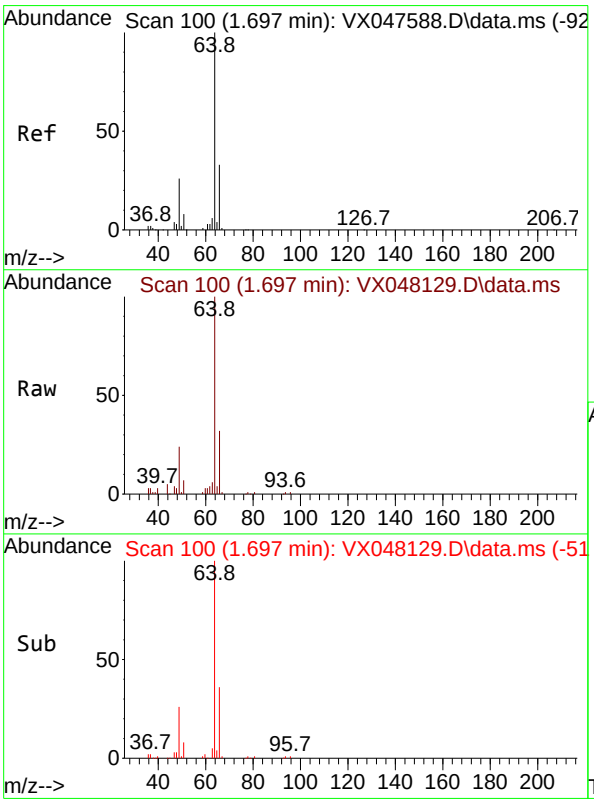
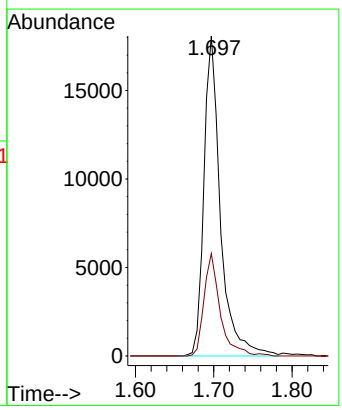
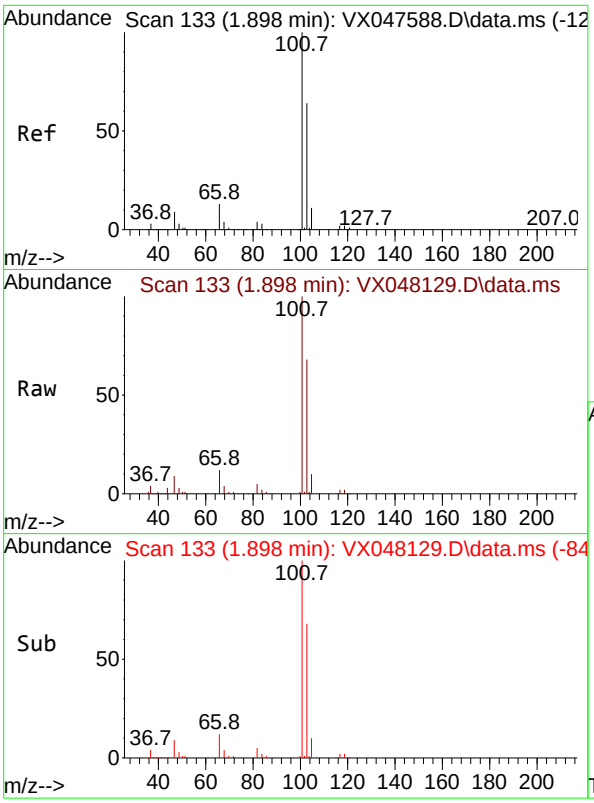


#6
Chloroethane
Concen: 19.985 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 64 Resp: 26398

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.1	39.1

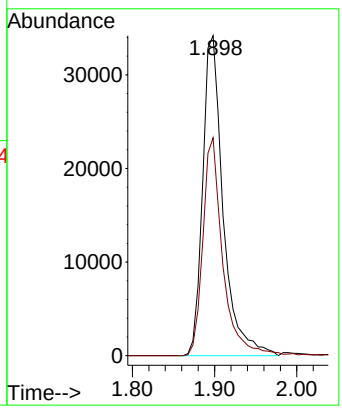




#7
Trichlorofluoromethane
Concen: 20.148 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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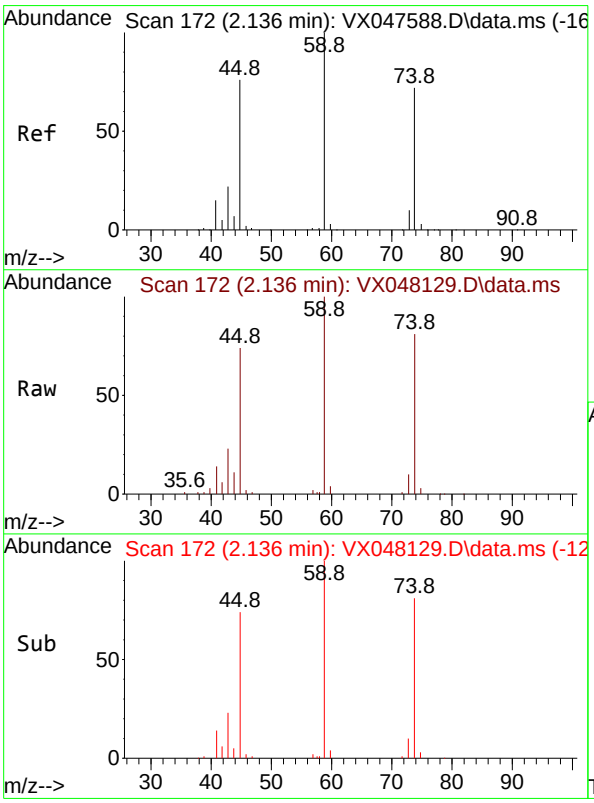
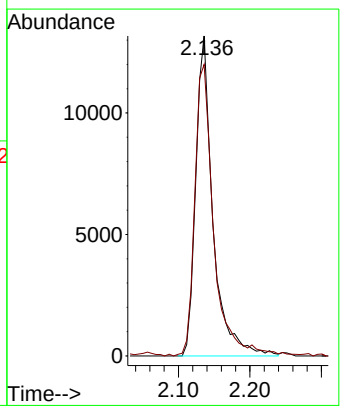
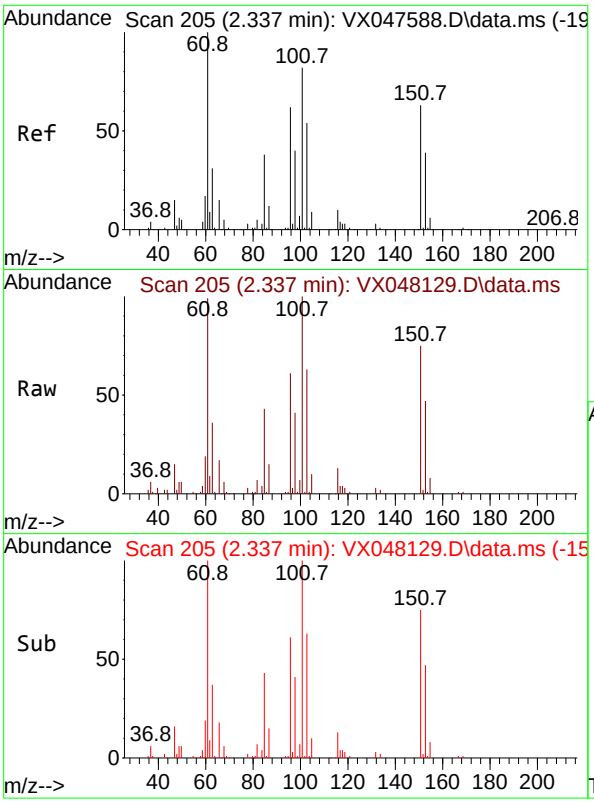


#8
Diethyl Ether
Concen: 18.311 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

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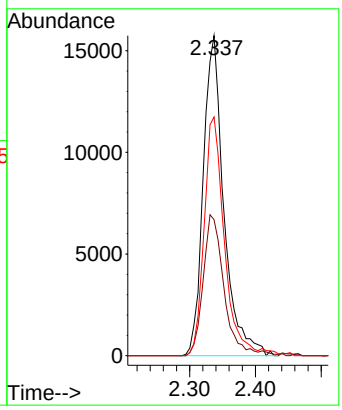
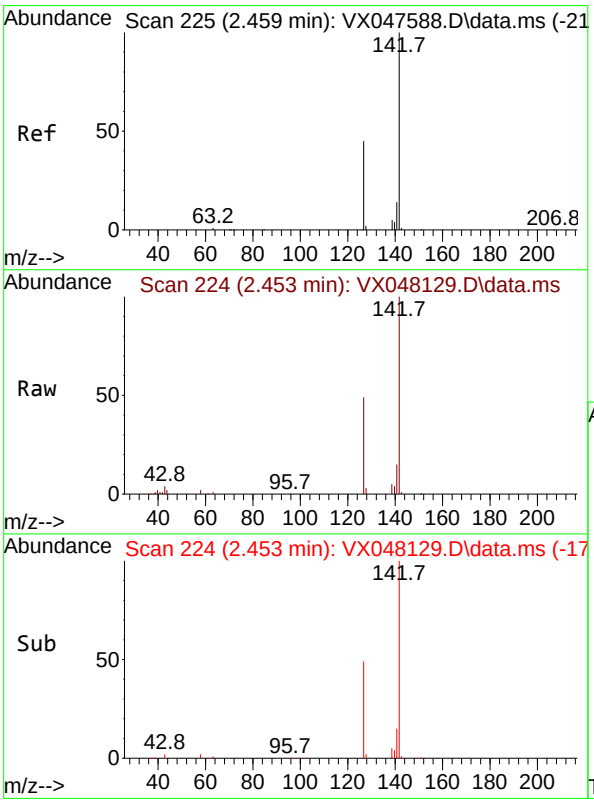
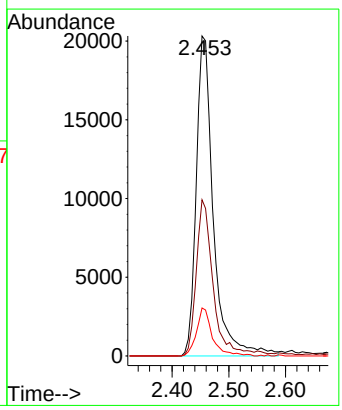


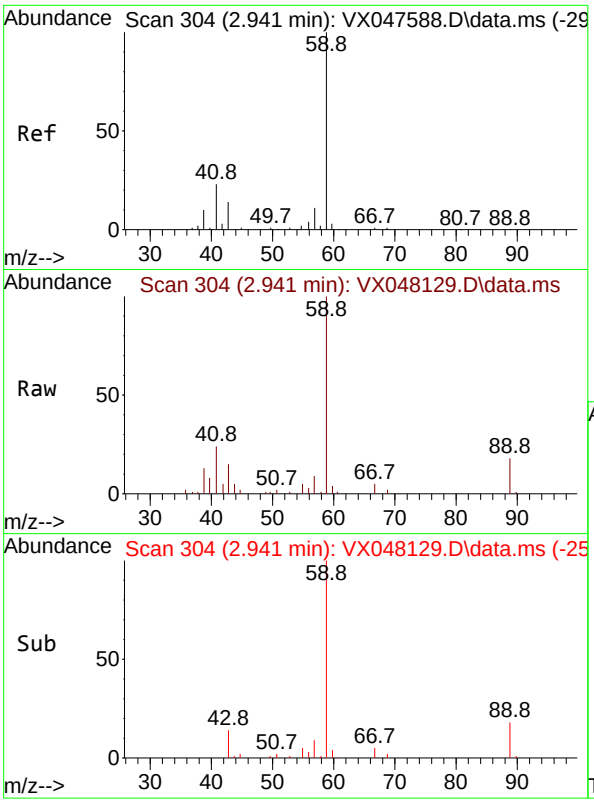


#10
Methyl Iodide
Concen: 15.930 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

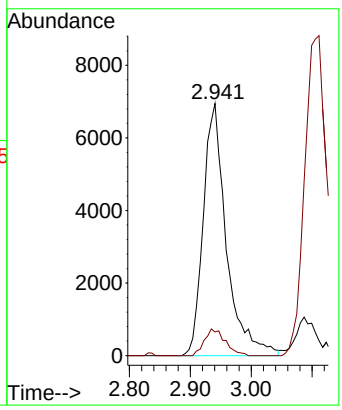




#11
Tert butyl alcohol
Concen: 69.713 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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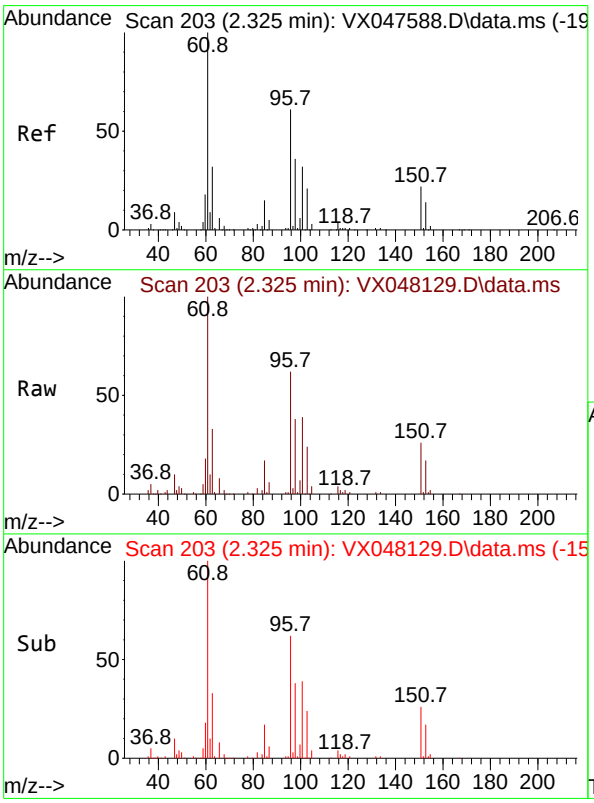
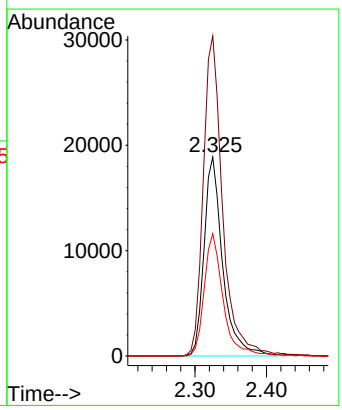
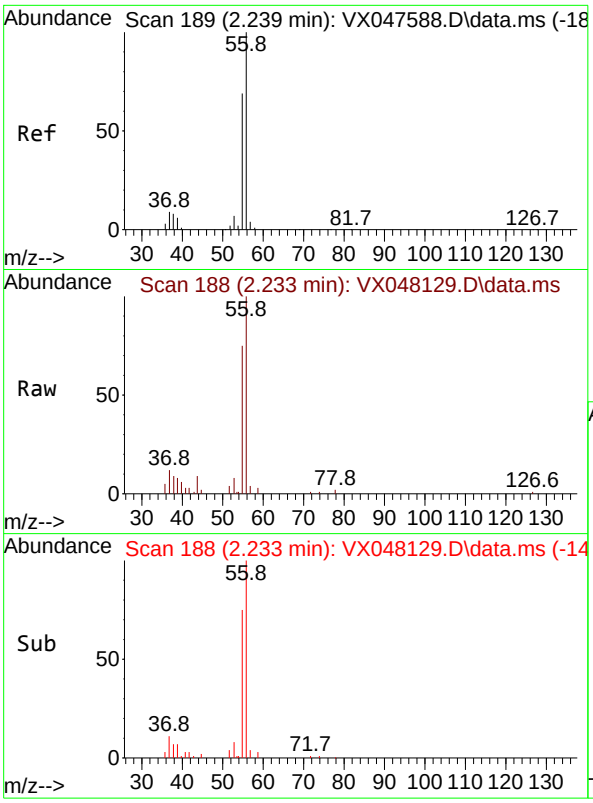


#12
1,1-Dichloroethene
Concen: 19.427 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

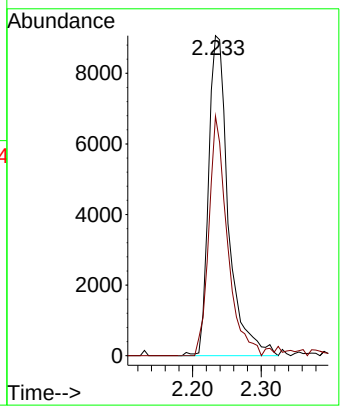




#13
Acrolein
Concen: 75.267 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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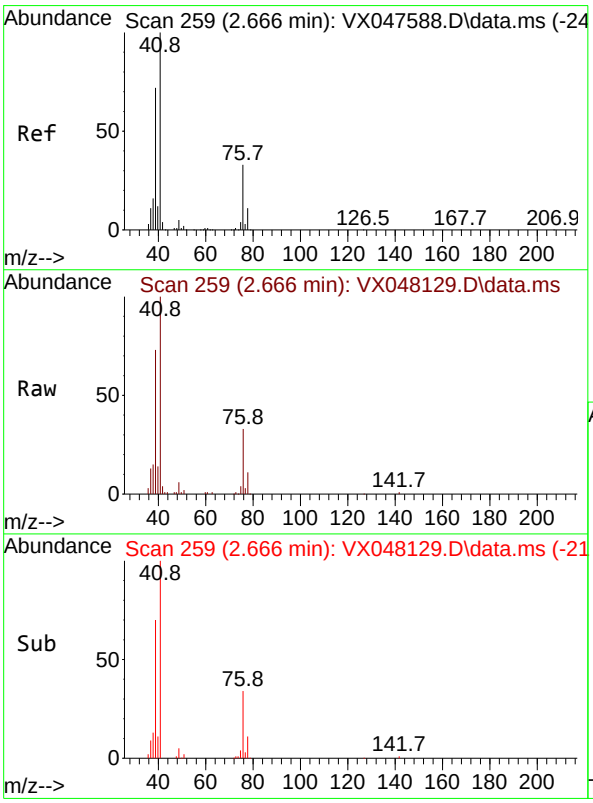
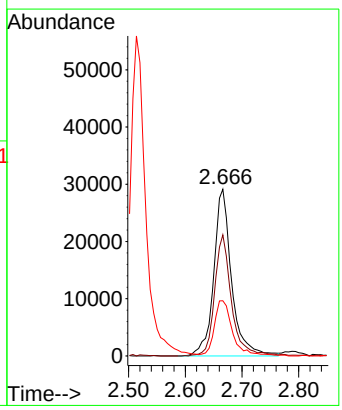
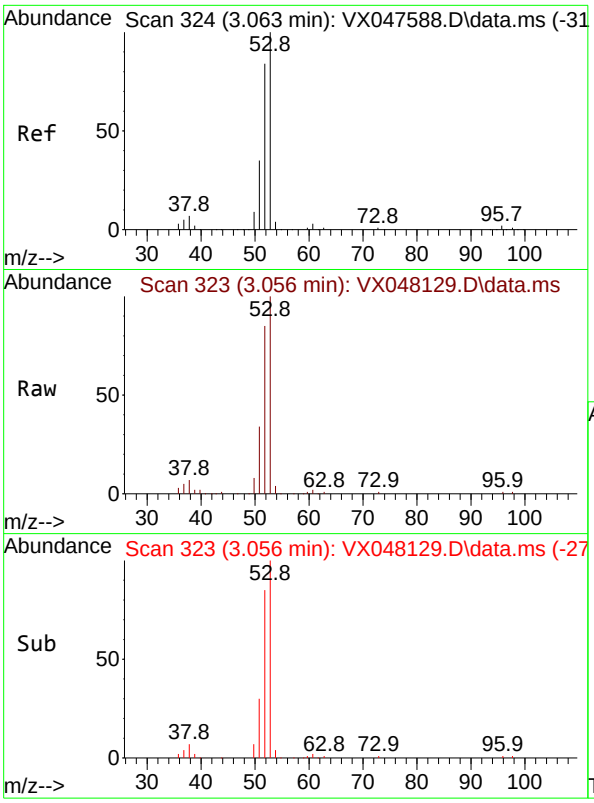


#14
Allyl chloride
Concen: 17.559 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

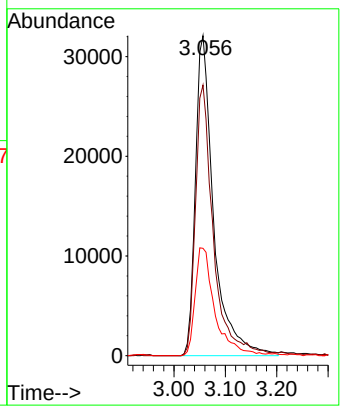




#15
Acrylonitrile
Concen: 81.442 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

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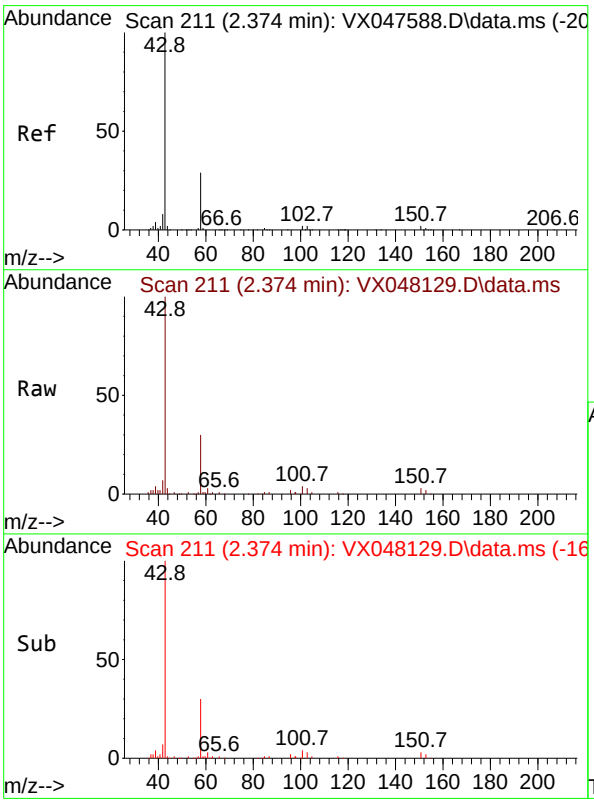
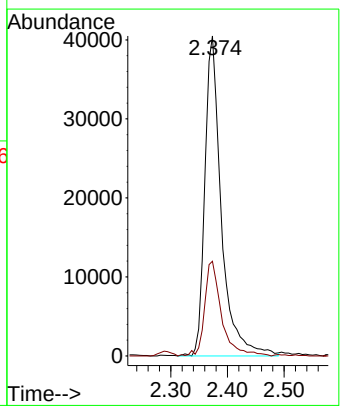
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

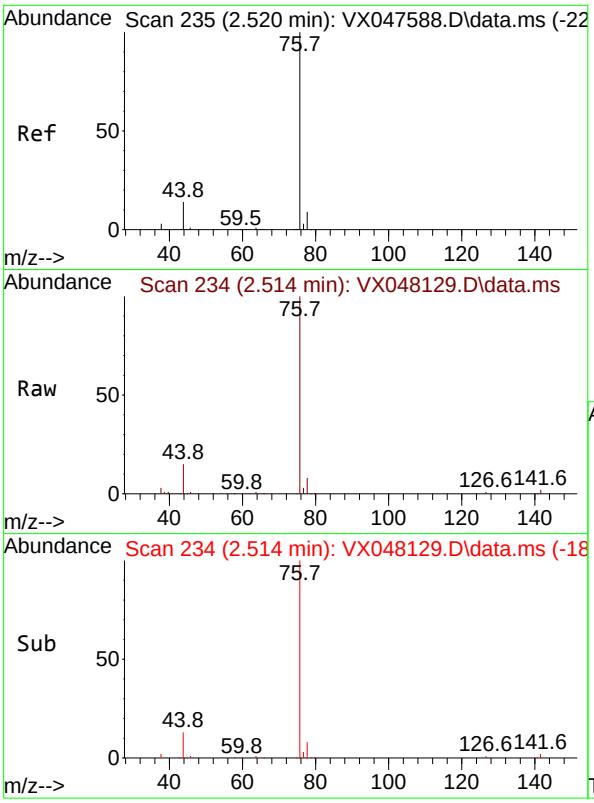


#16
Acetone
Concen: 79.680 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 81810

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0

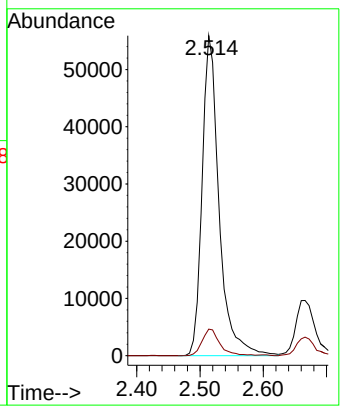




#17
Carbon Disulfide
Concen: 21.602 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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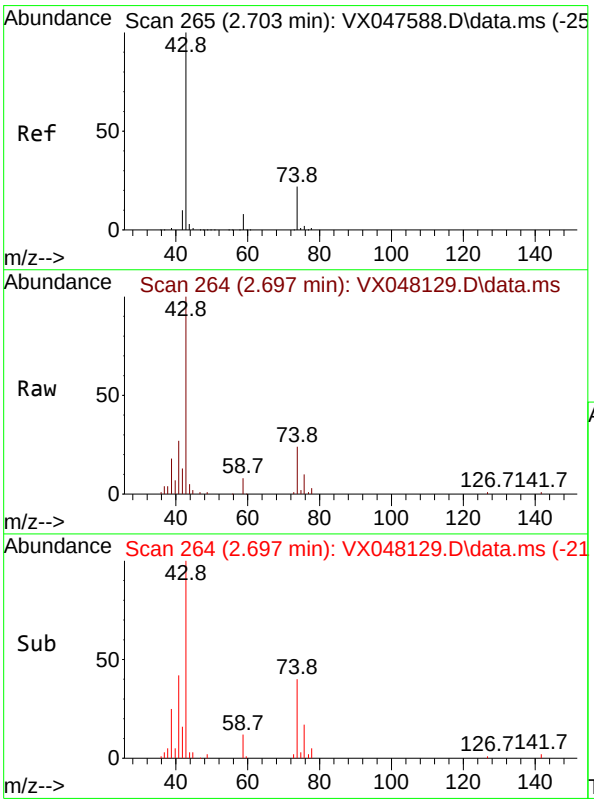
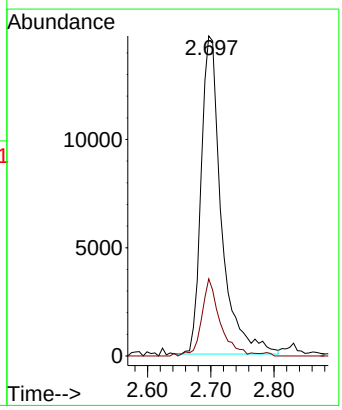
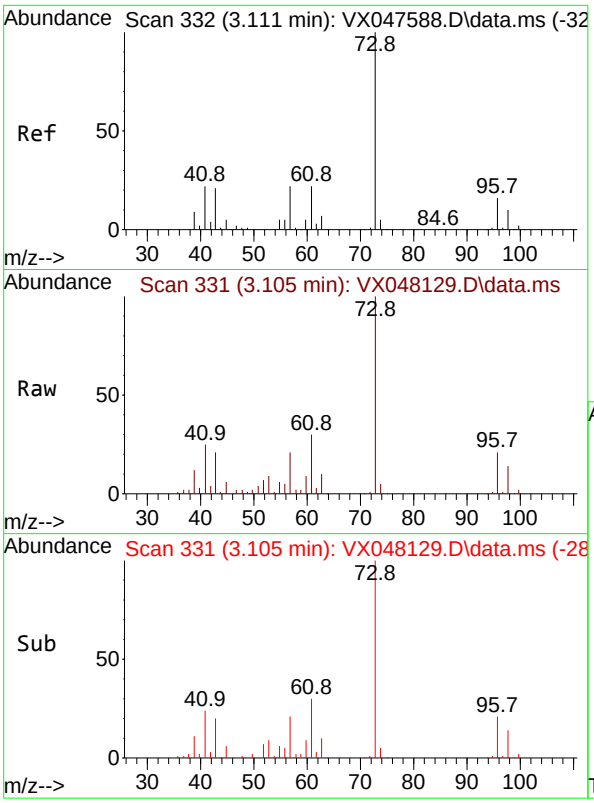


#18
Methyl Acetate
Concen: 14.310 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 32698

Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.4	26.2

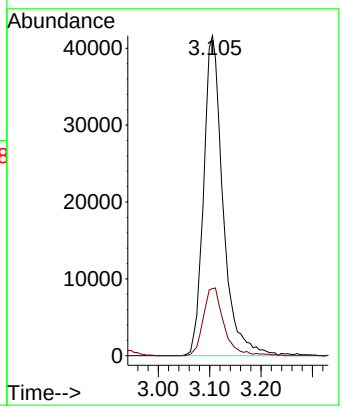




#19
Methyl tert-butyl Ether
Concen: 16.928 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 73 Resp: 10891

Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.4	26.2



Instrument :
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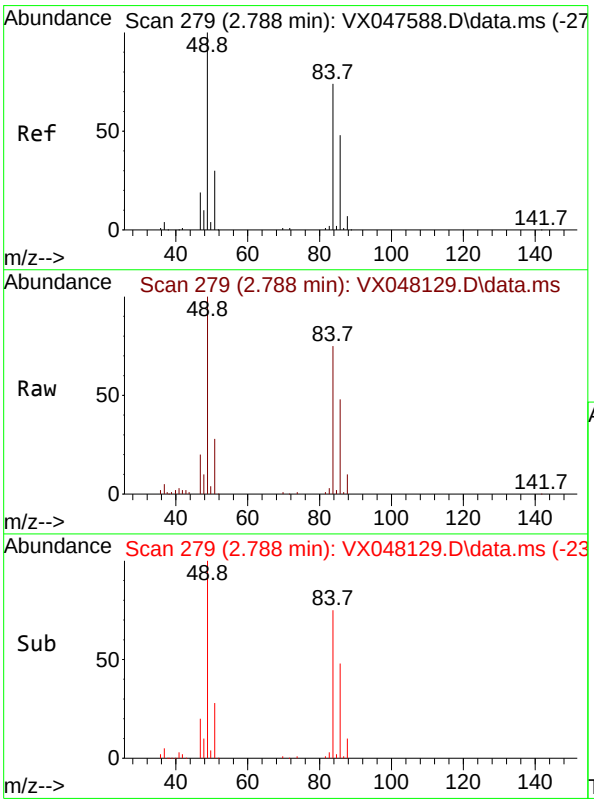
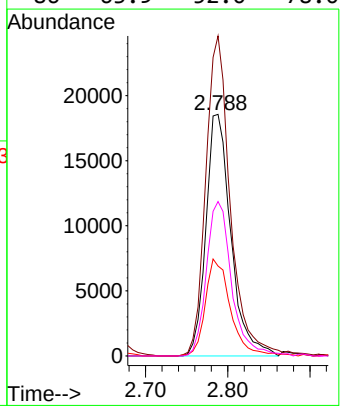
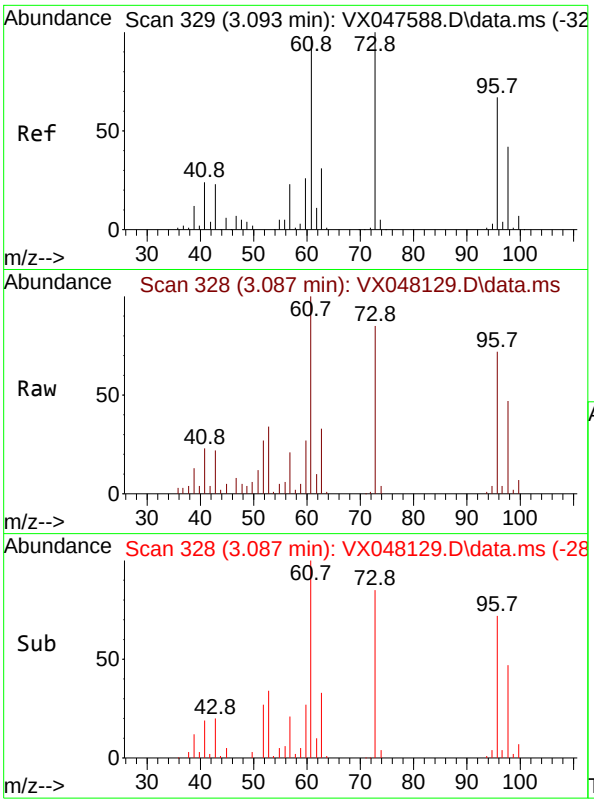


#20
Methylene Chloride
Concen: 18.021 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

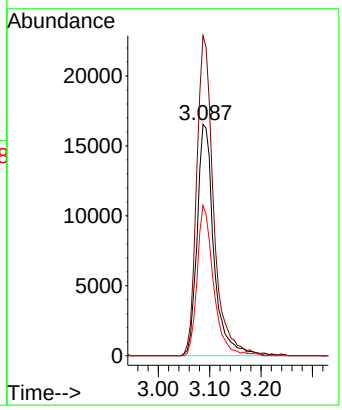




#21
trans-1,2-Dichloroethene
Concen: 19.770 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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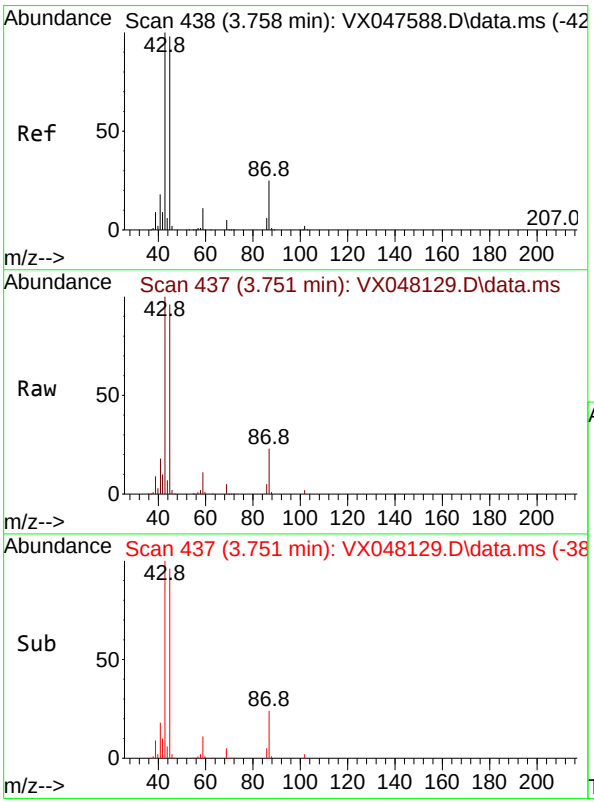
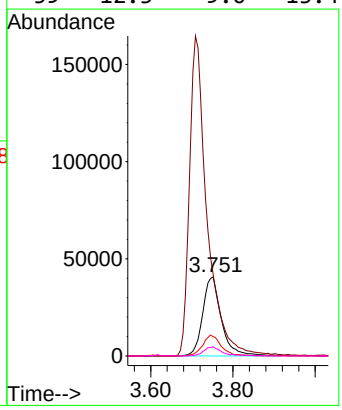
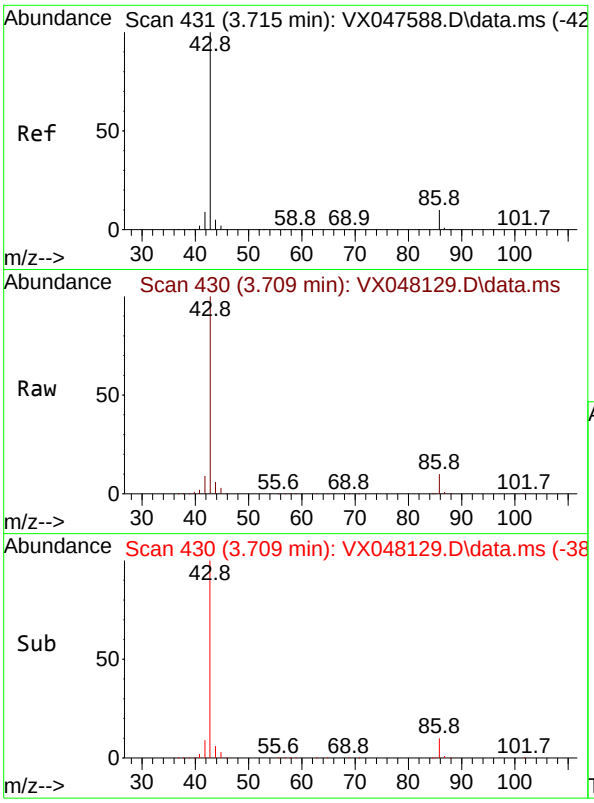


#22
Diisopropyl ether
Concen: 18.235 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

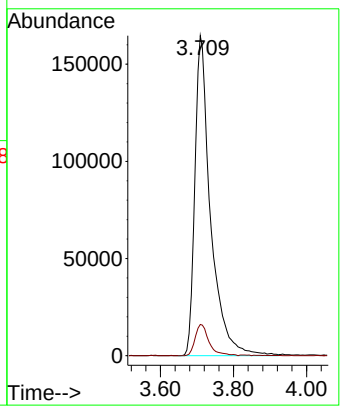




#23
Vinyl Acetate
Concen: 87.267 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 49231

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.8



Instrument :
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ClientSampleId :
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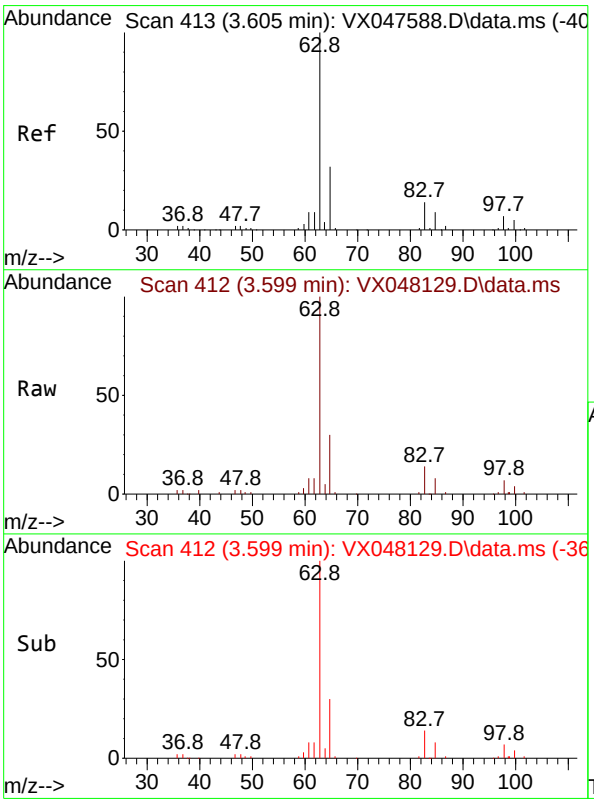
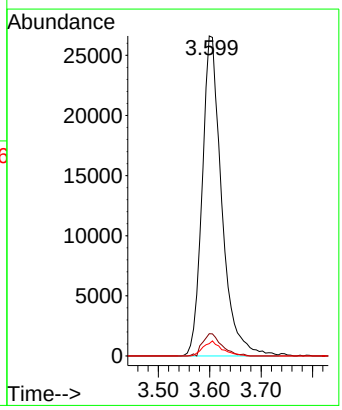
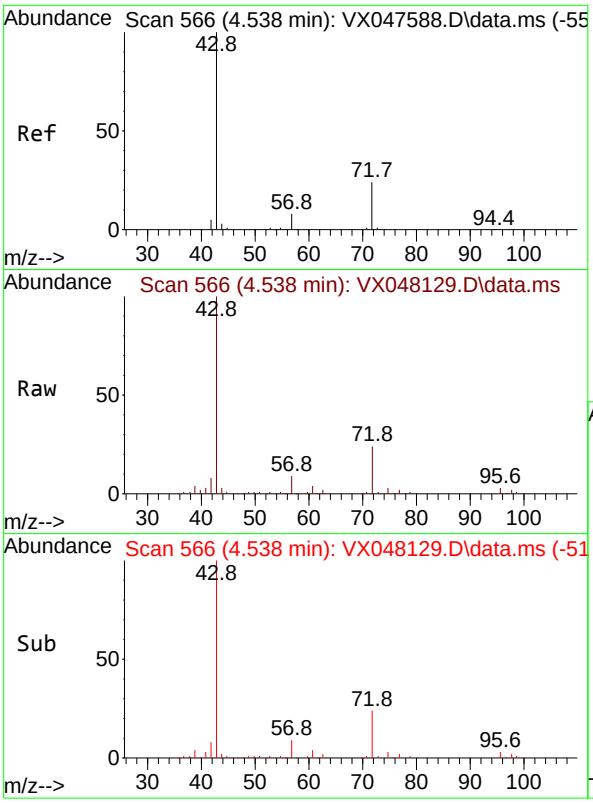


#24
1,1-Dichloroethane
Concen: 18.748 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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 :
VX1013WBS01

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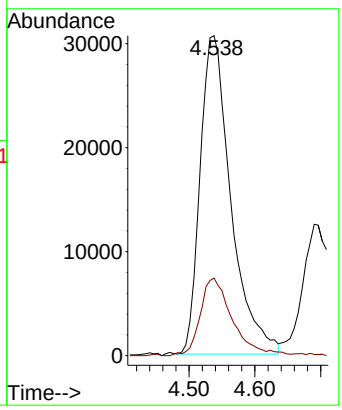
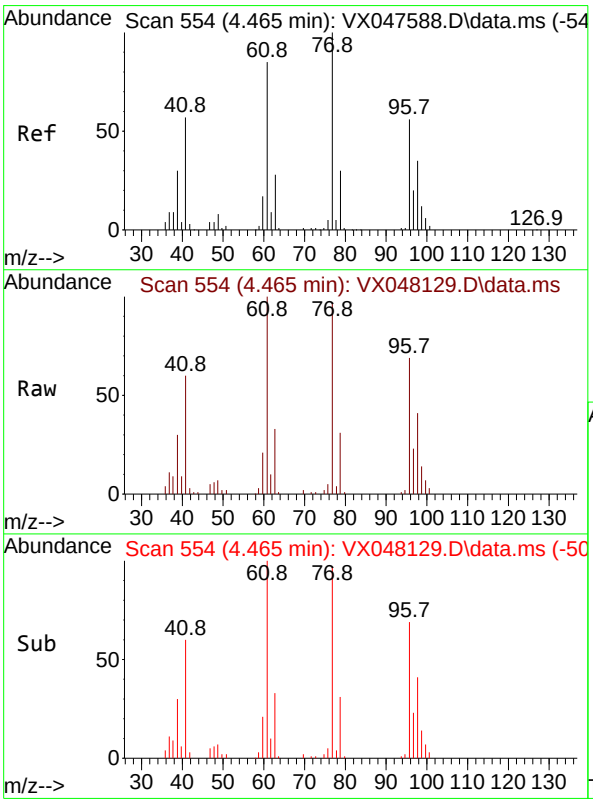
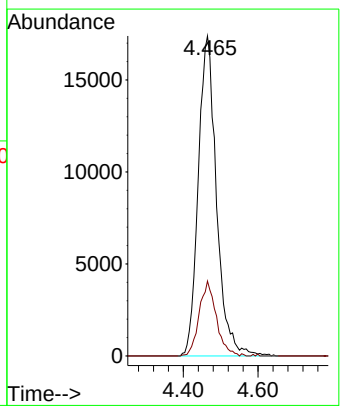


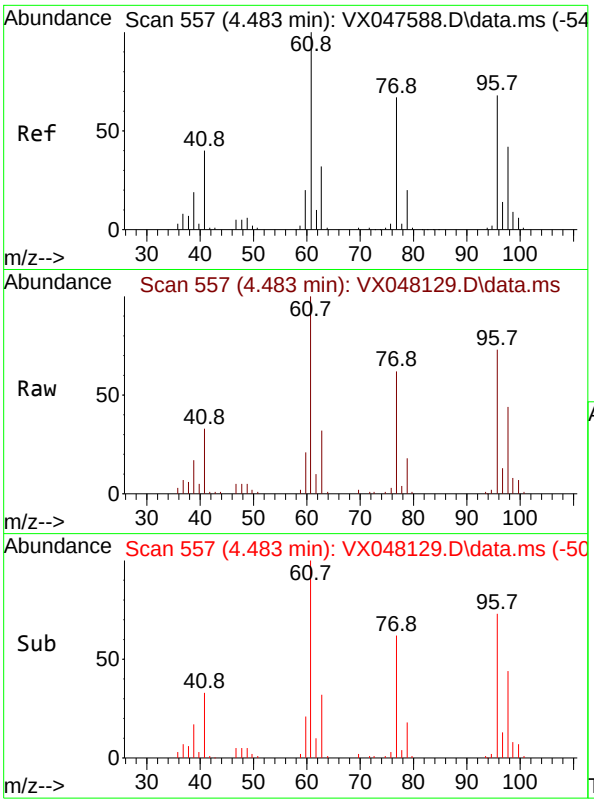


#26
2,2-Dichloropropane
Concen: 18.904 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 77 Resp: 58874

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7

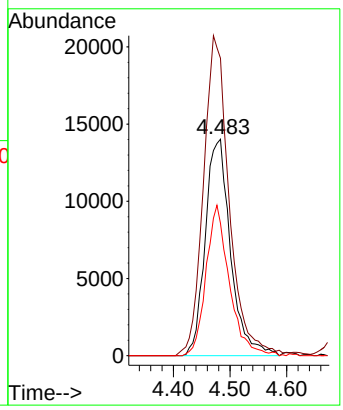




#27
cis-1,2-Dichloroethene
Concen: 18.705 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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 :
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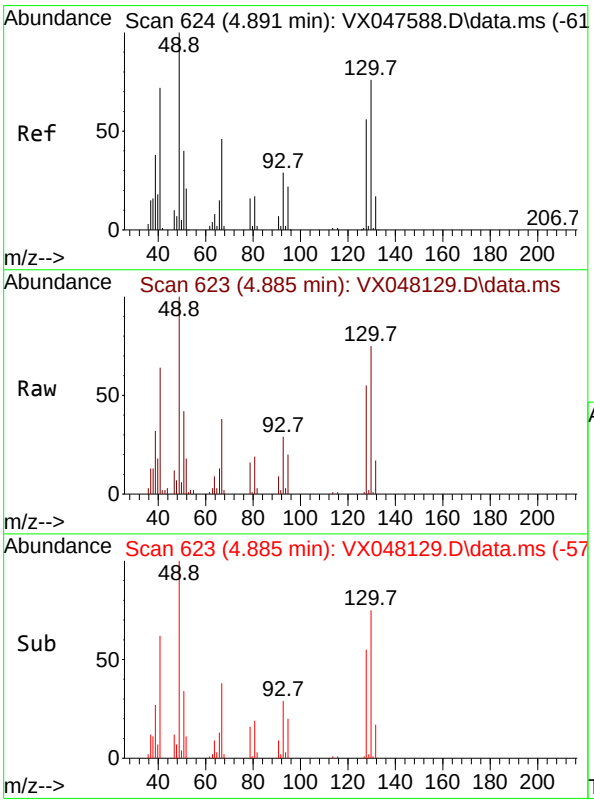
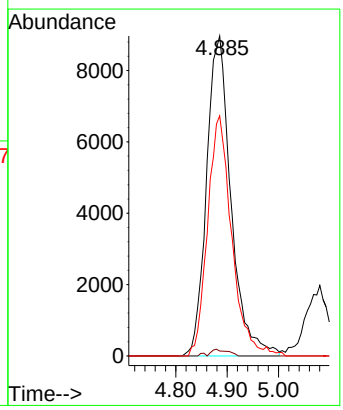
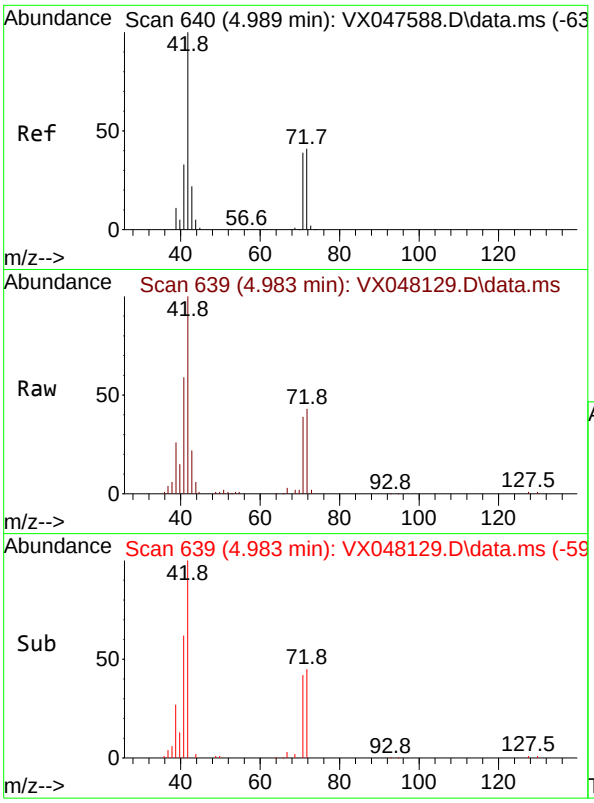


#28
Bromochloromethane
Concen: 18.143 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

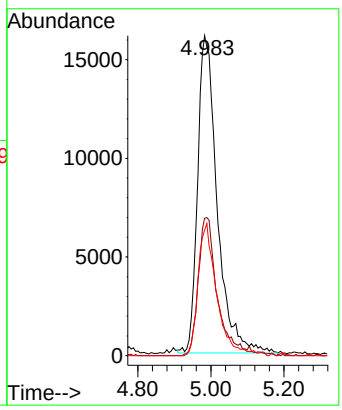




#29
Tetrahydrofuran
Concen: 77.654 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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 :
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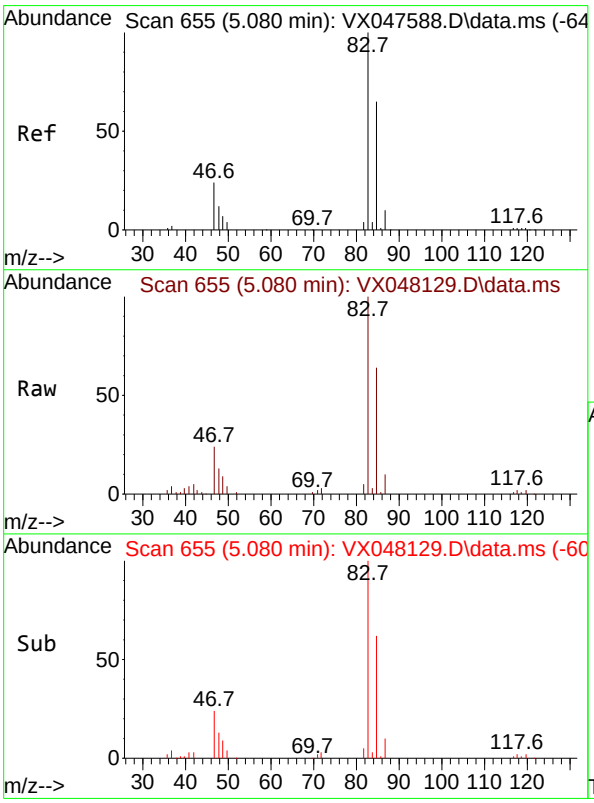
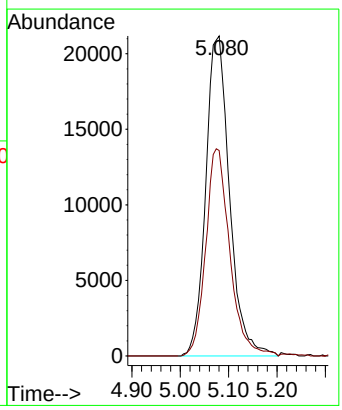
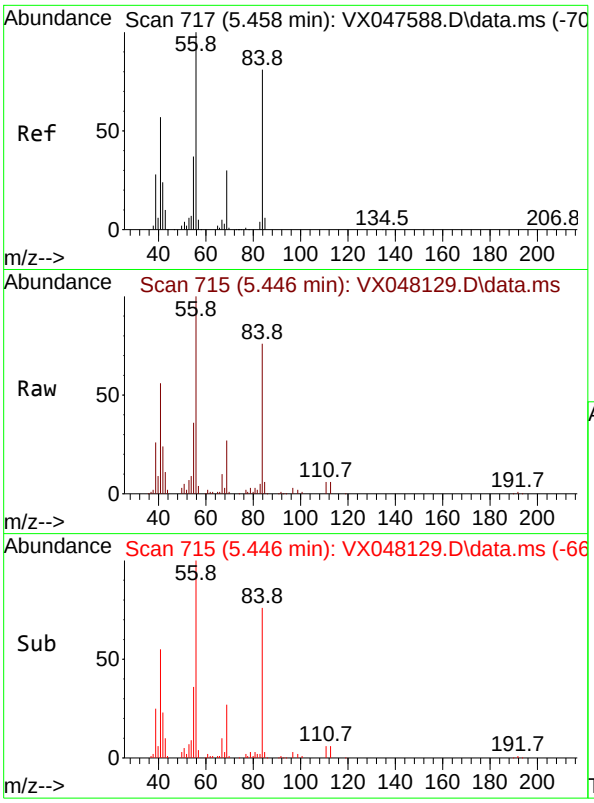


#30
Chloroform
Concen: 19.131 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 83 Resp: 72428

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6

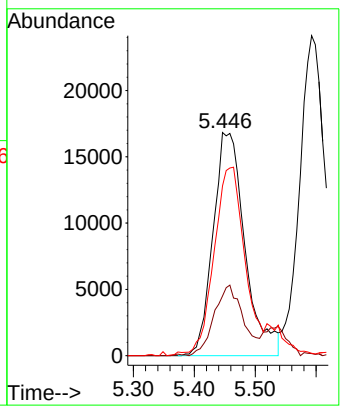




#31
Cyclohexane
Concen: 19.614 ug/l
RT: 5.446 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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 :
MSVOA_X
ClientSampleId :
VX1013WBS01

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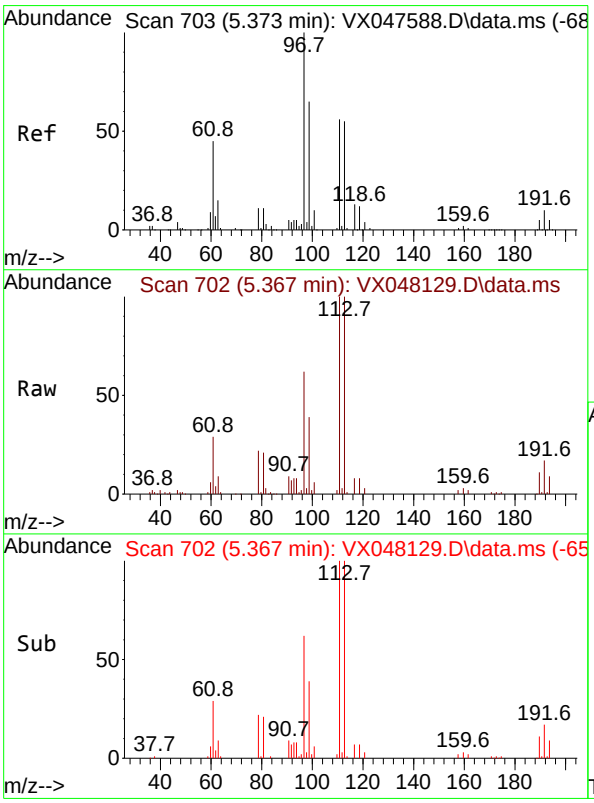
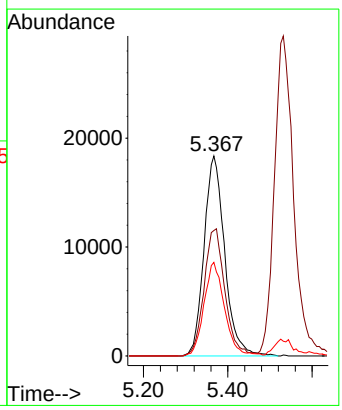
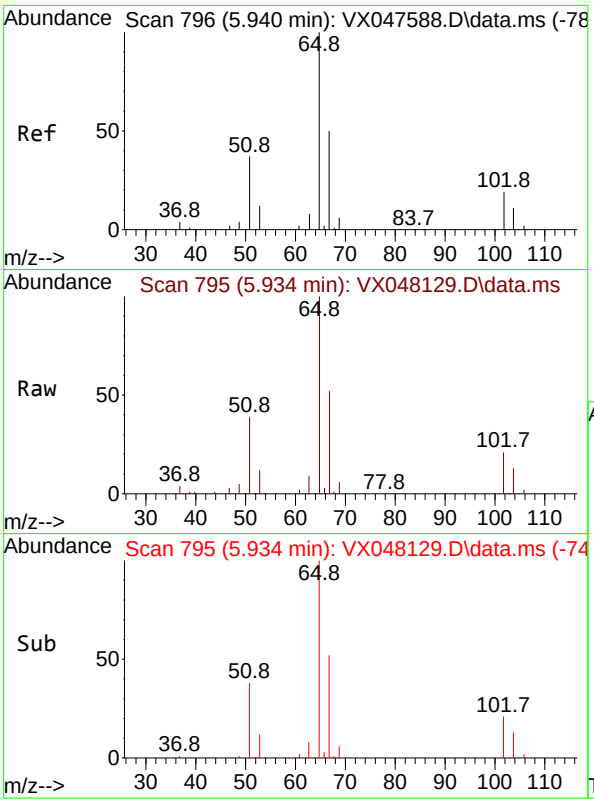


#32
1,1,1-Trichloroethane
Concen: 19.493 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

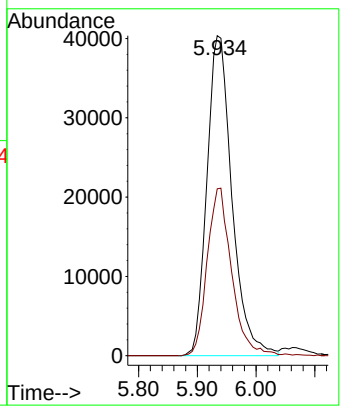




#33
1,2-Dichloroethane-d4
Concen: 50.551 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 65 Resp: 11936

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
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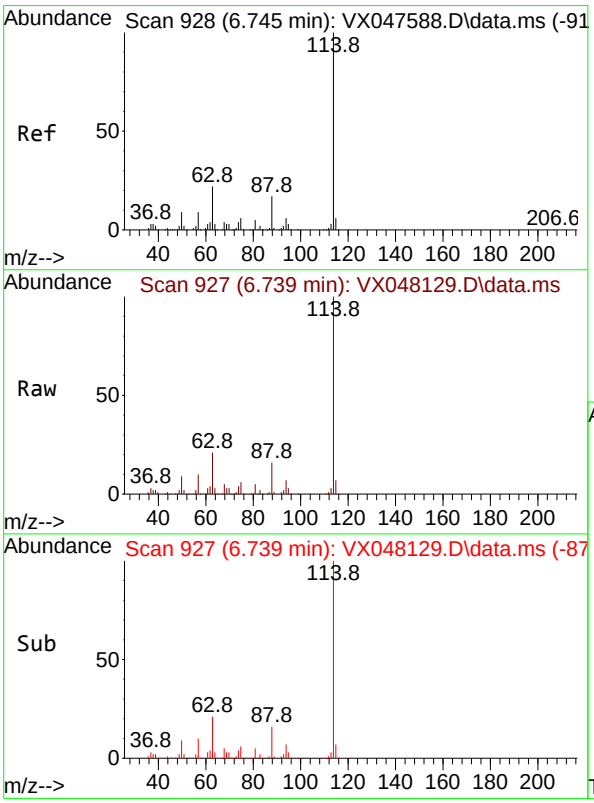
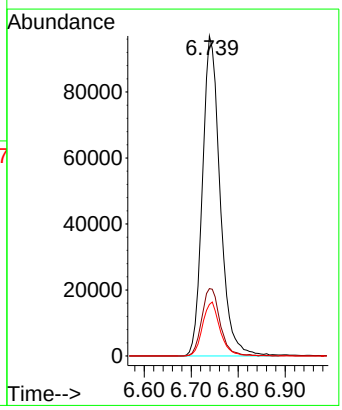
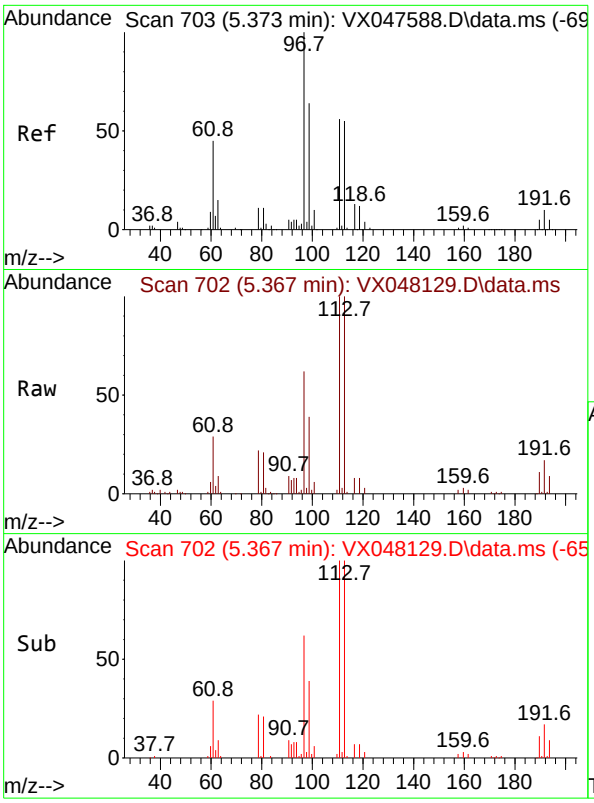


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

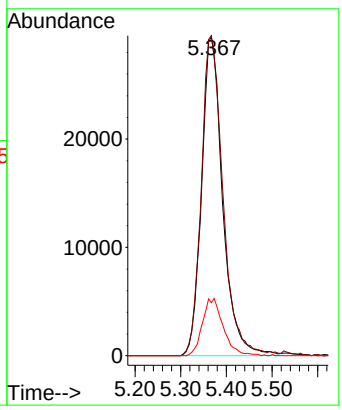




#35
Dibromofluoromethane
Concen: 55.581 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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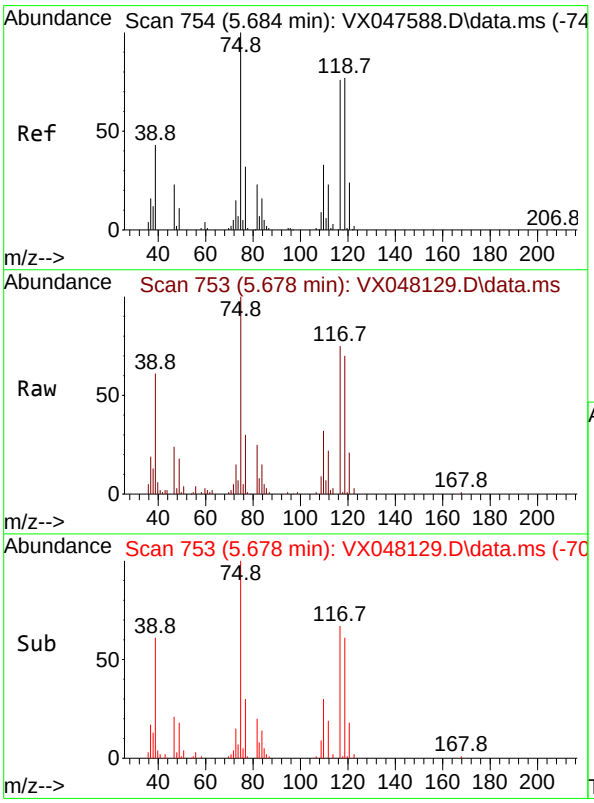
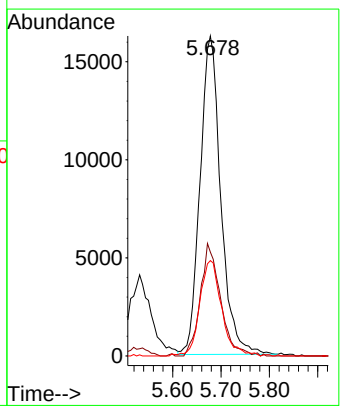
Supervised By :Mahesh Dadoda 10/14/2025

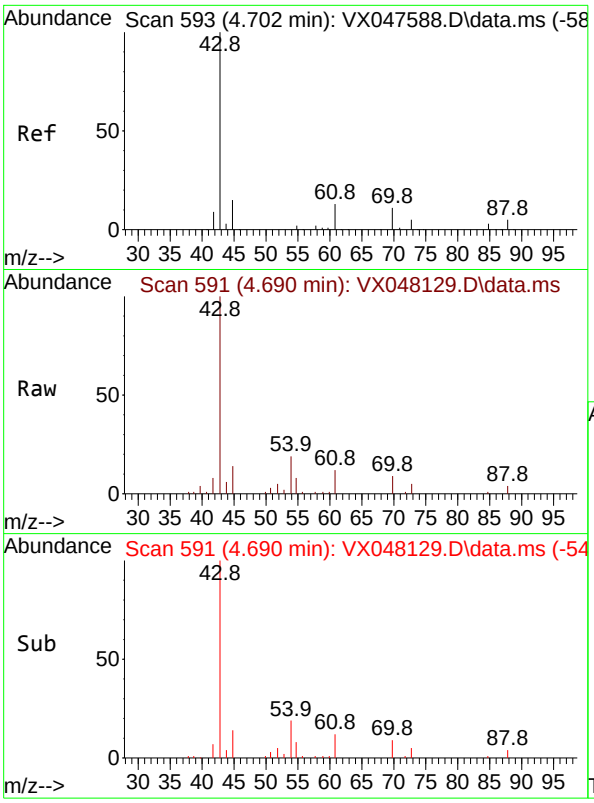


#36
1,1-Dichloropropene
Concen: 19.525 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

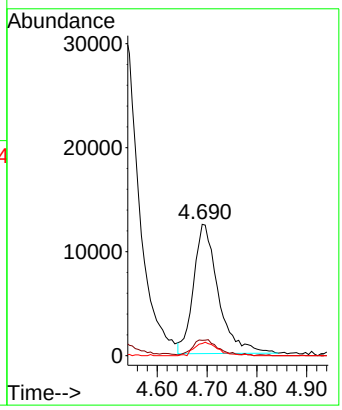




#37
Ethyl Acetate
Concen: 16.150 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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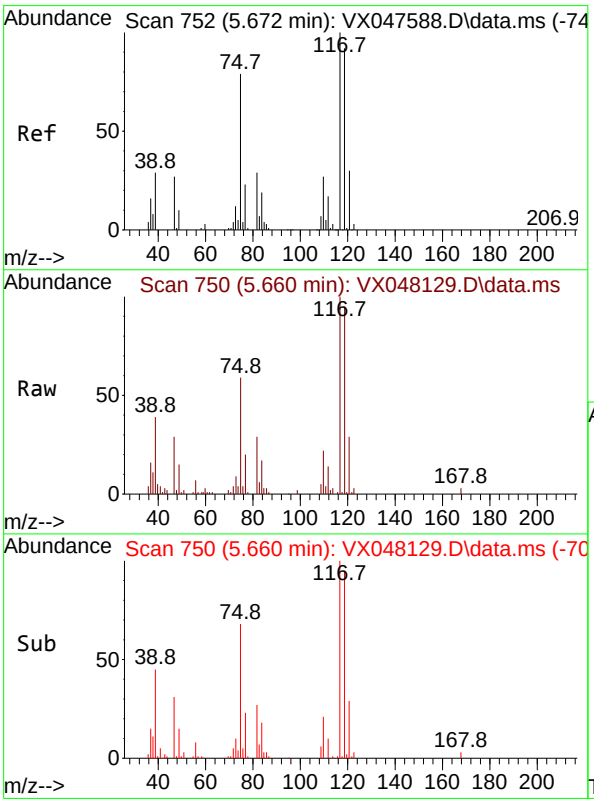
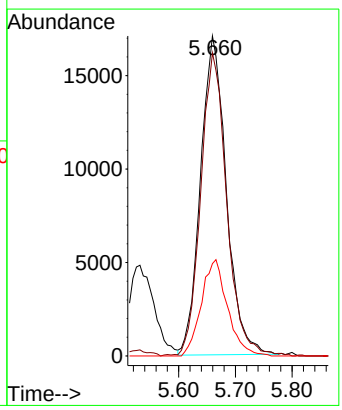
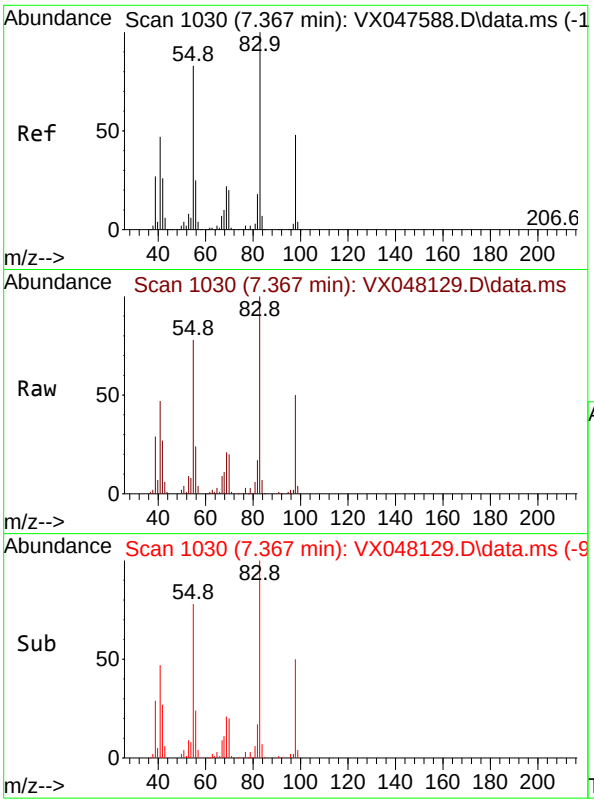


#38
Carbon Tetrachloride
Concen: 19.991 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

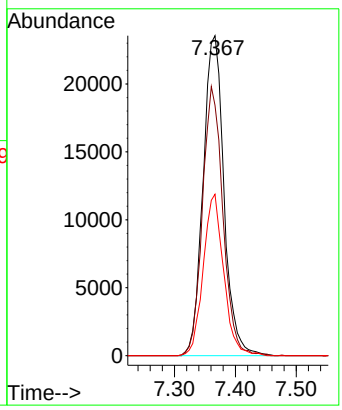




#39
Methylcyclohexane
Concen: 19.946 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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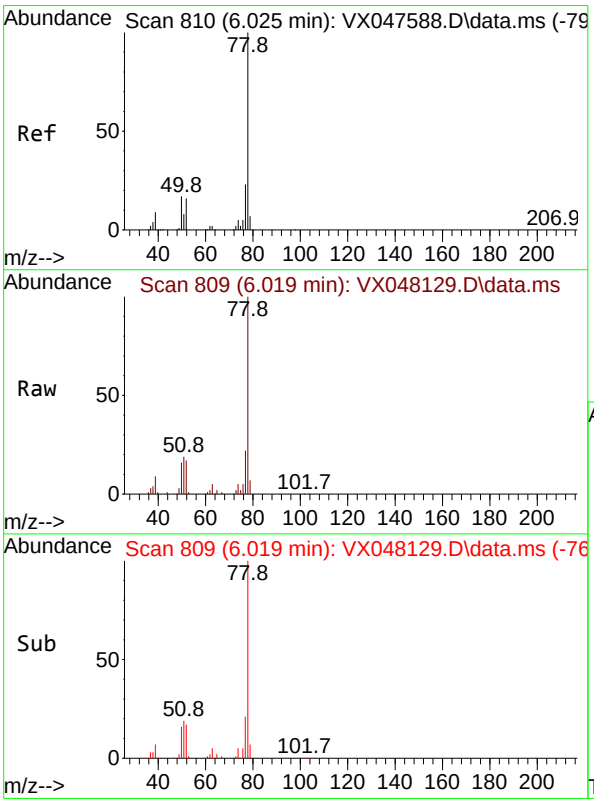
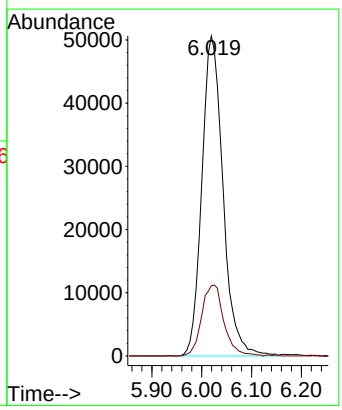
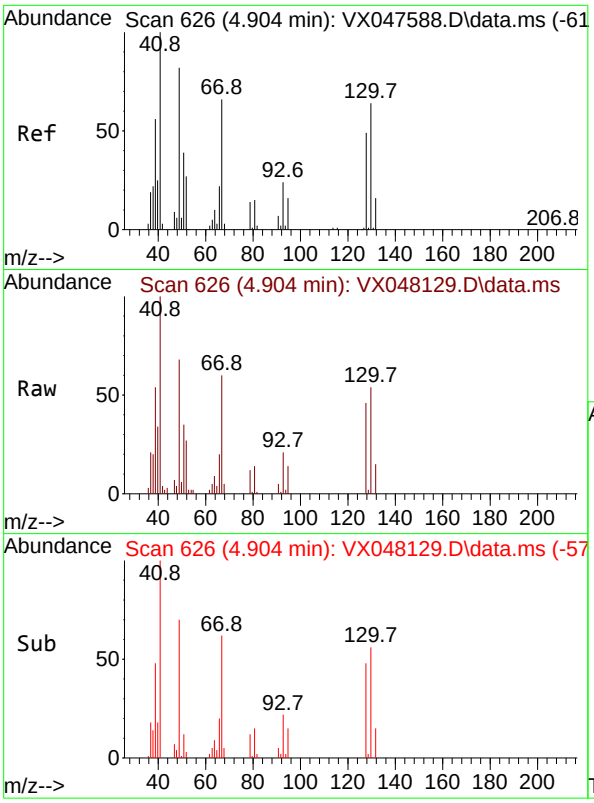


#40
Benzene
Concen: 19.804 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 78 Resp: 149106

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.8	28.2

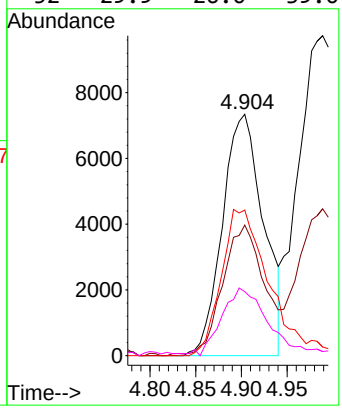




#41
Methacrylonitrile
Concen: 16.733 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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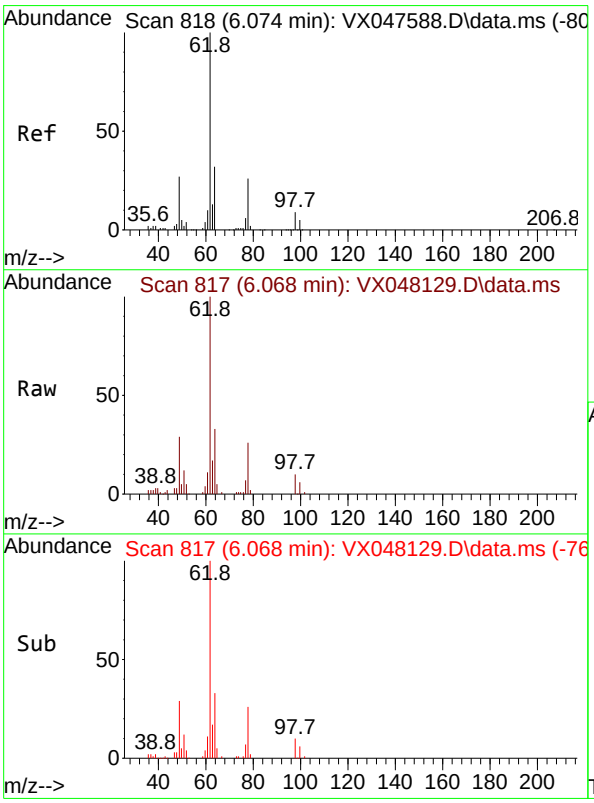
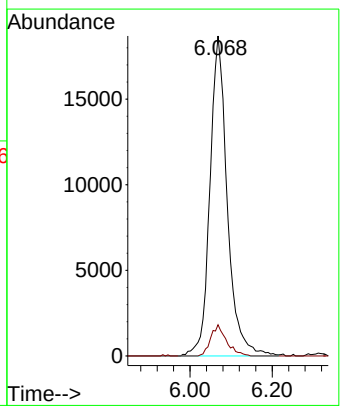
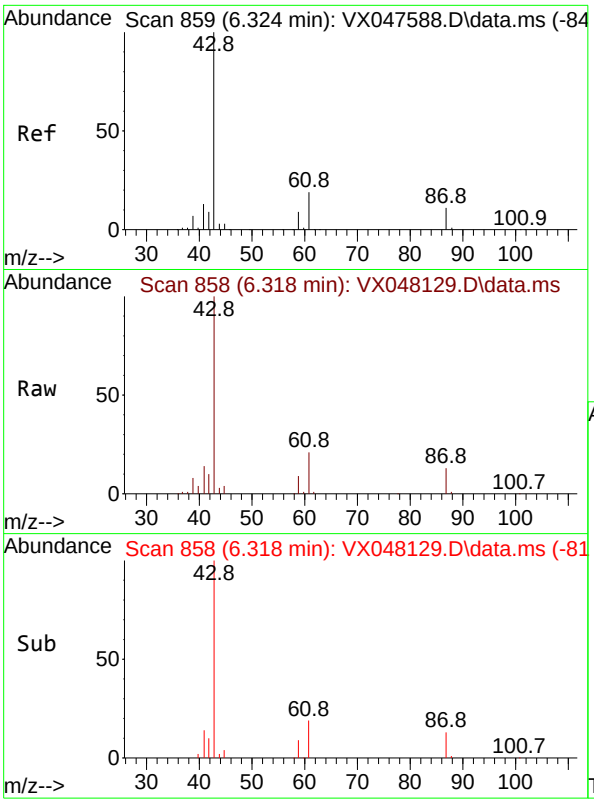


#42
1,2-Dichloroethane
Concen: 19.138 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 62 Resp: 54826

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0

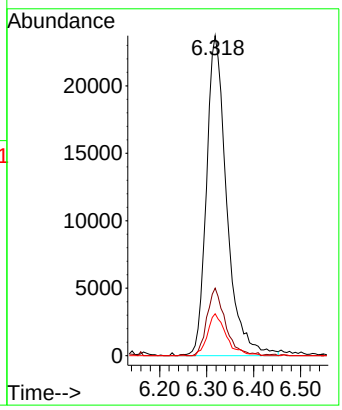




#43
Isopropyl Acetate
Concen: 16.252 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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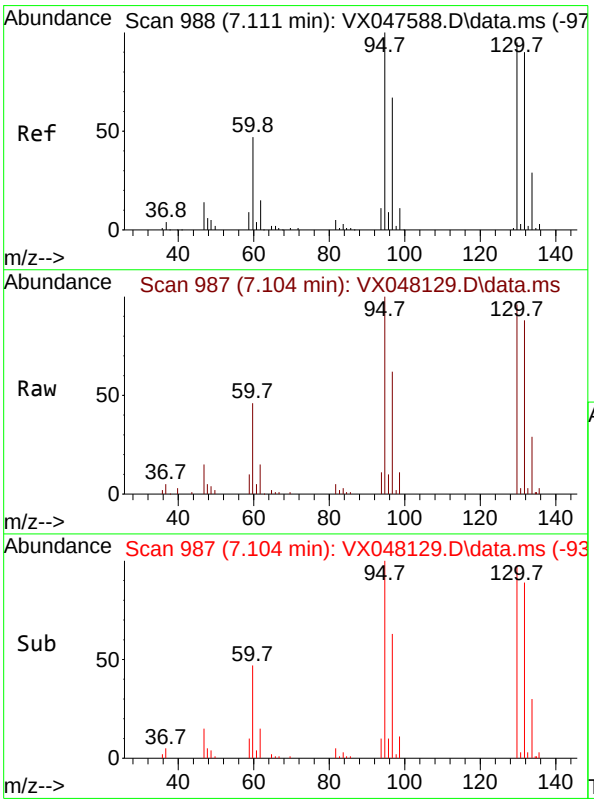
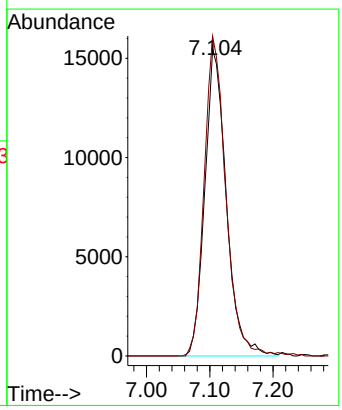
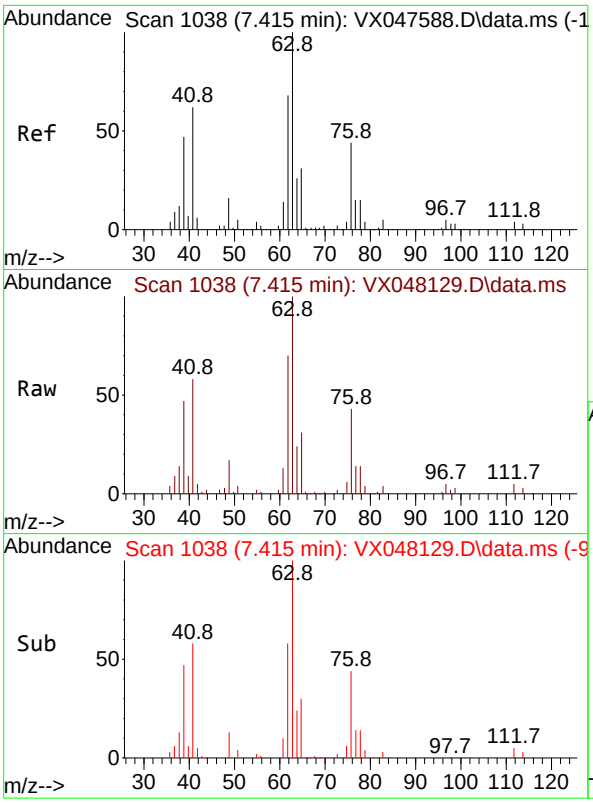


#44
Trichloroethene
Concen: 20.156 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:130 Resp: 36689

Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	210.8

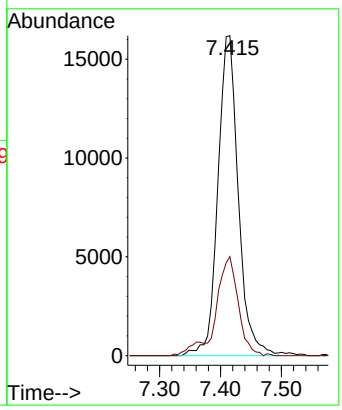




#45
1,2-Dichloropropane
Concen: 19.521 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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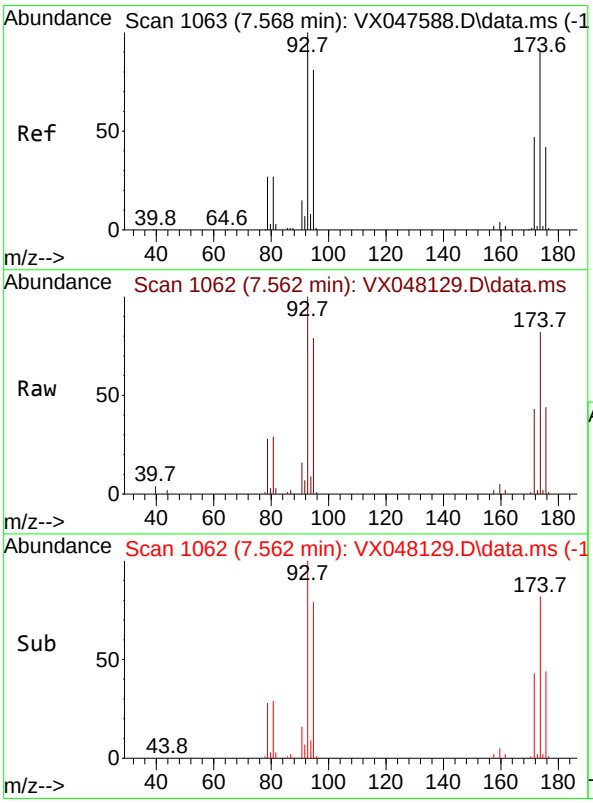
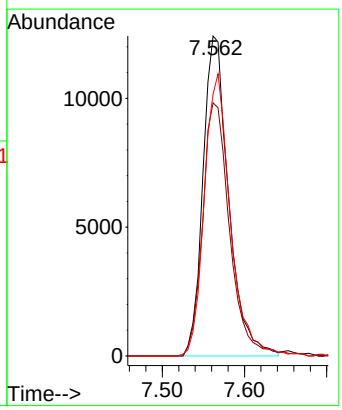
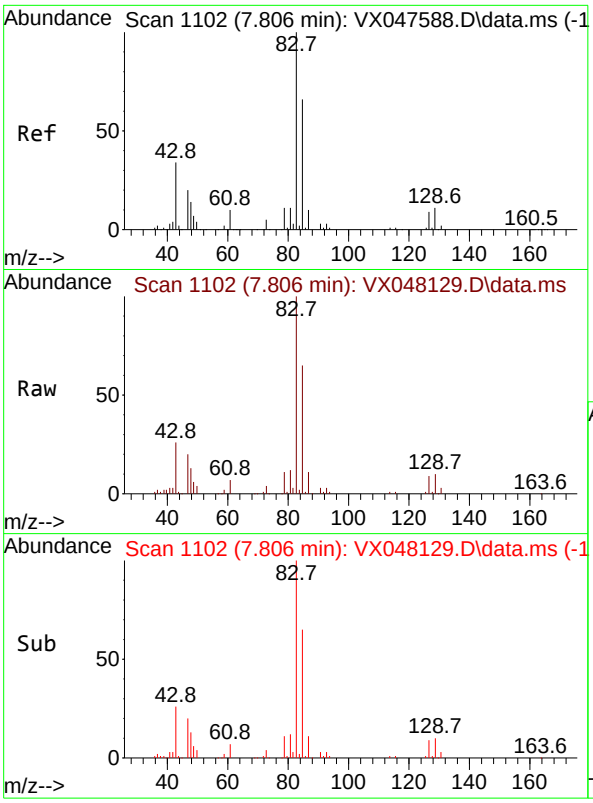


#46
Dibromomethane
Concen: 19.199 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

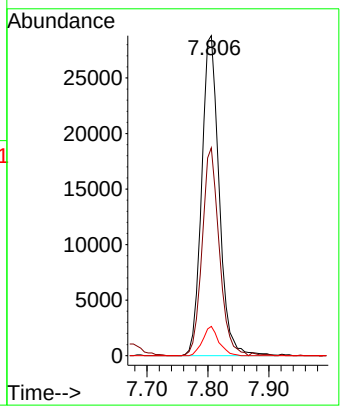




#47
Bromodichloromethane
Concen: 19.842 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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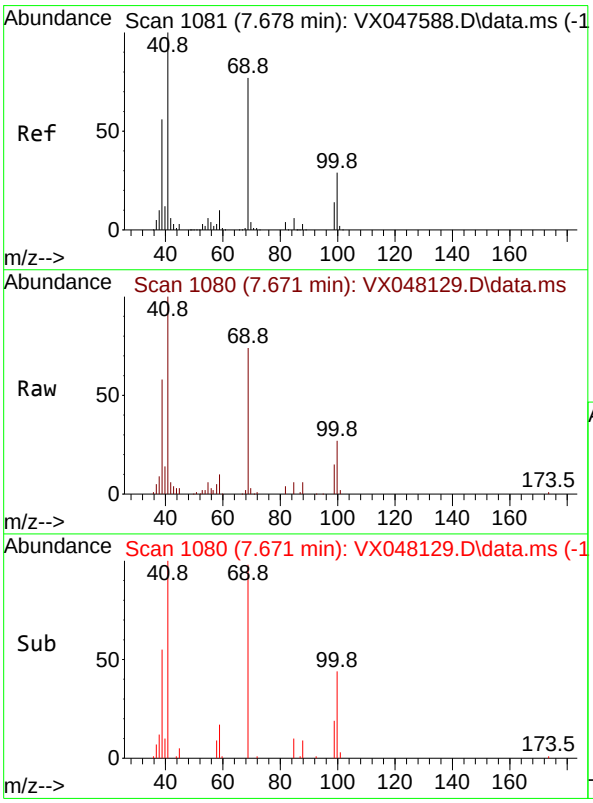
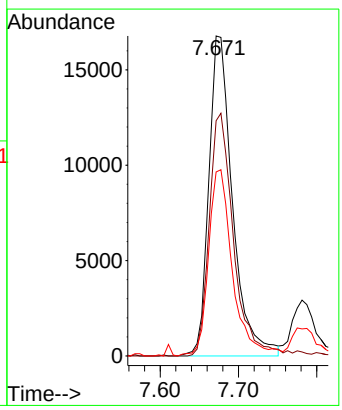
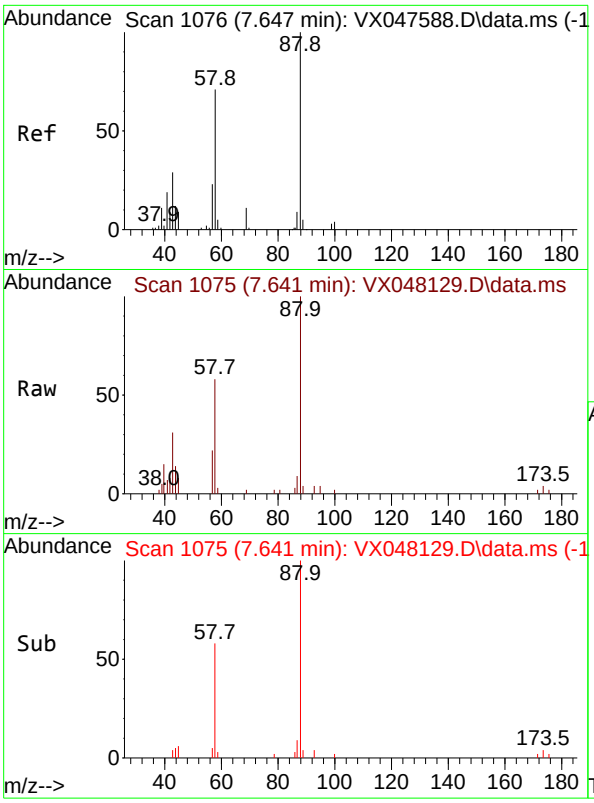


#48
Methyl methacrylate
Concen: 16.298 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

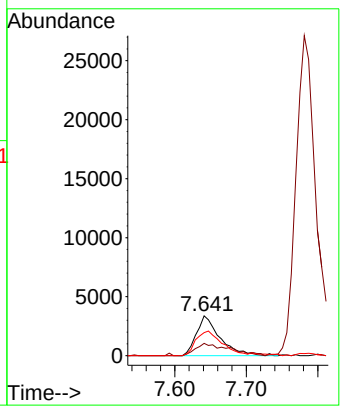




#49
1,4-Dioxane
Concen: 354.348 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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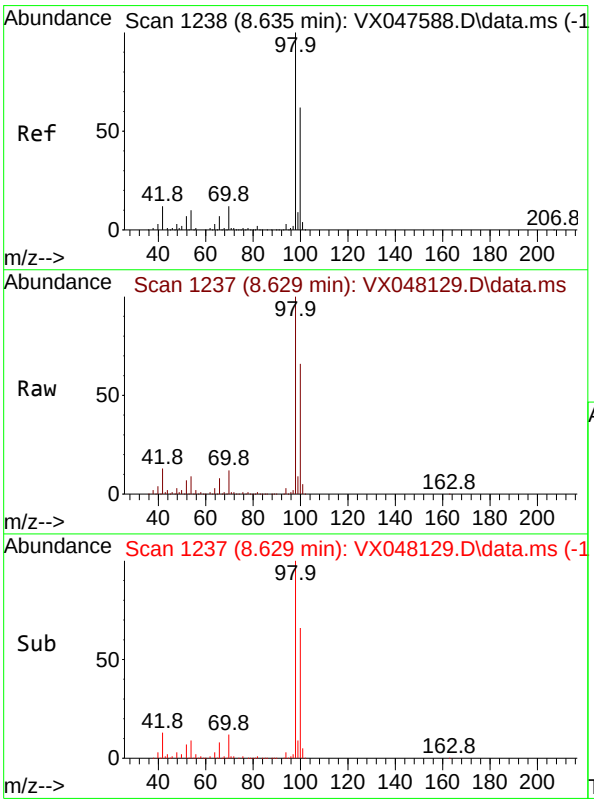
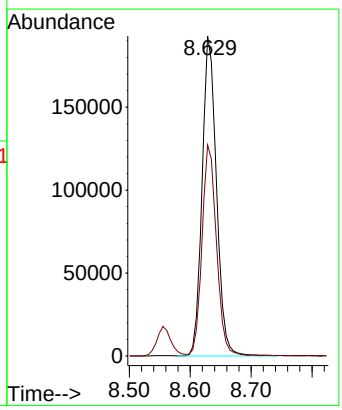
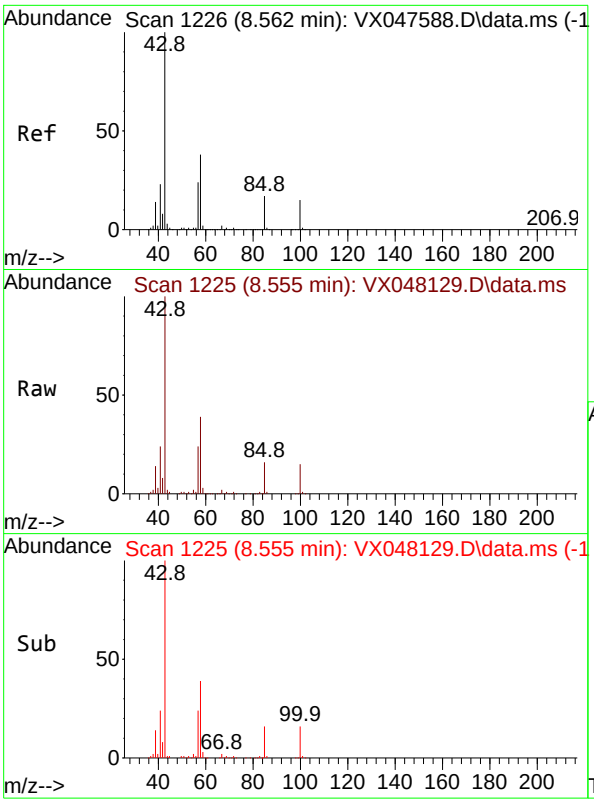


#50
Toluene-d8
Concen: 53.852 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 98 Resp: 316122

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

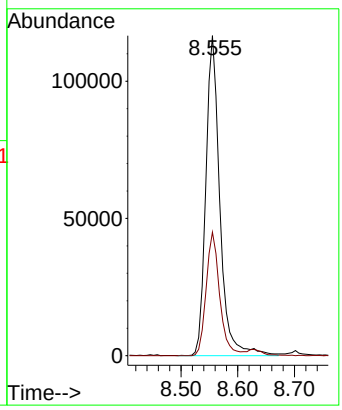




#51
4-Methyl-2-Pentanone
Concen: 83.089 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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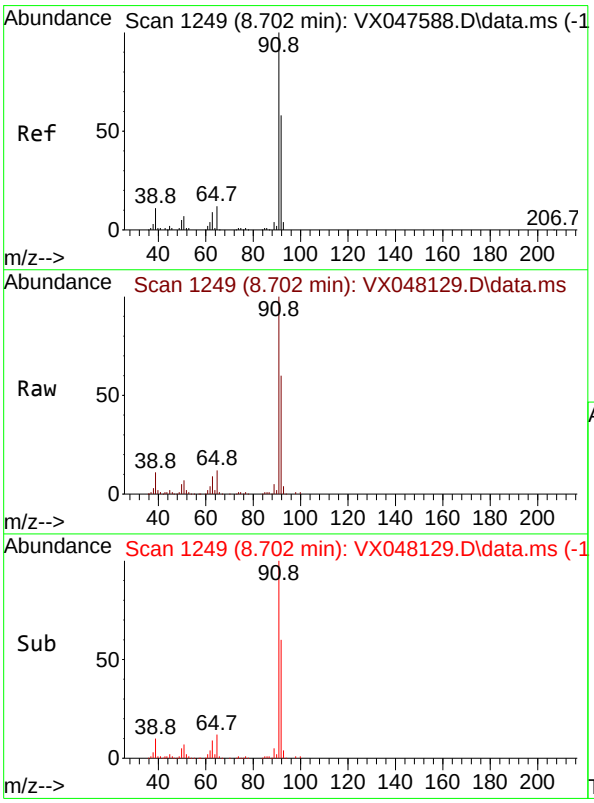
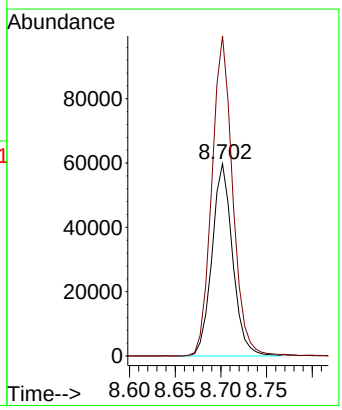
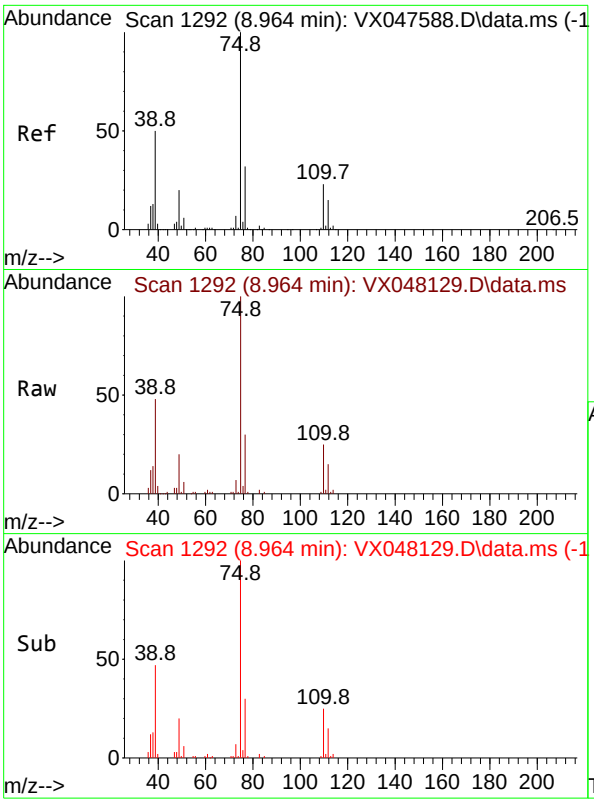


#52
Toluene
Concen: 20.193 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 92 Resp: 93668

Ion	Ratio	Lower	Upper
92	100		
91	168.4	137.1	205.7

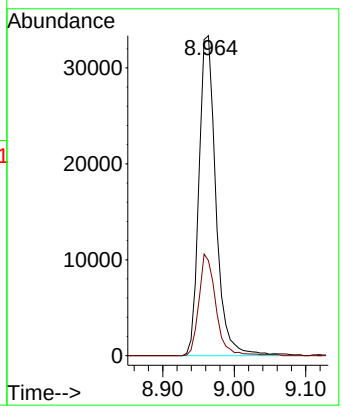




#53
t-1,3-Dichloropropene
Concen: 18.602 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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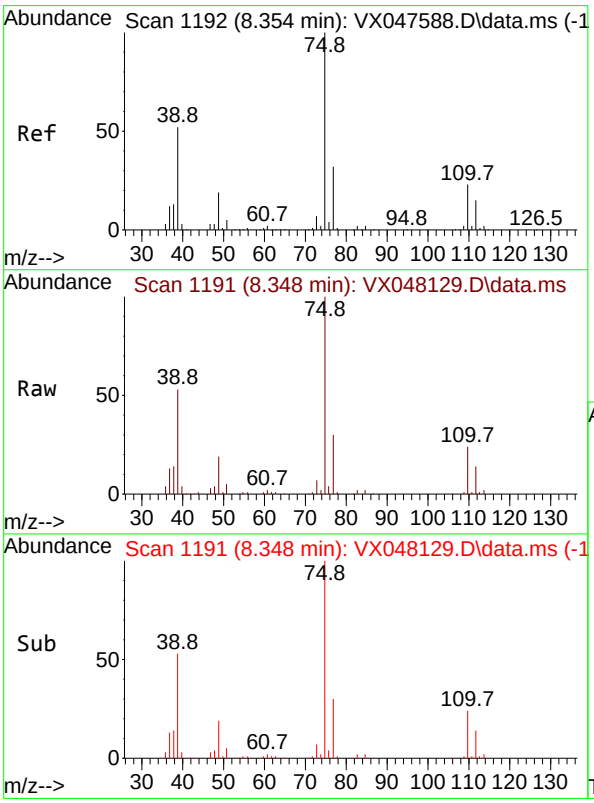
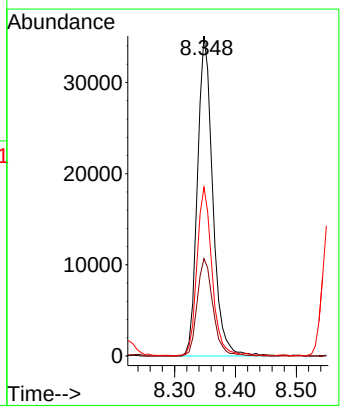
Supervised By :Mahesh Dadoda 10/14/2025

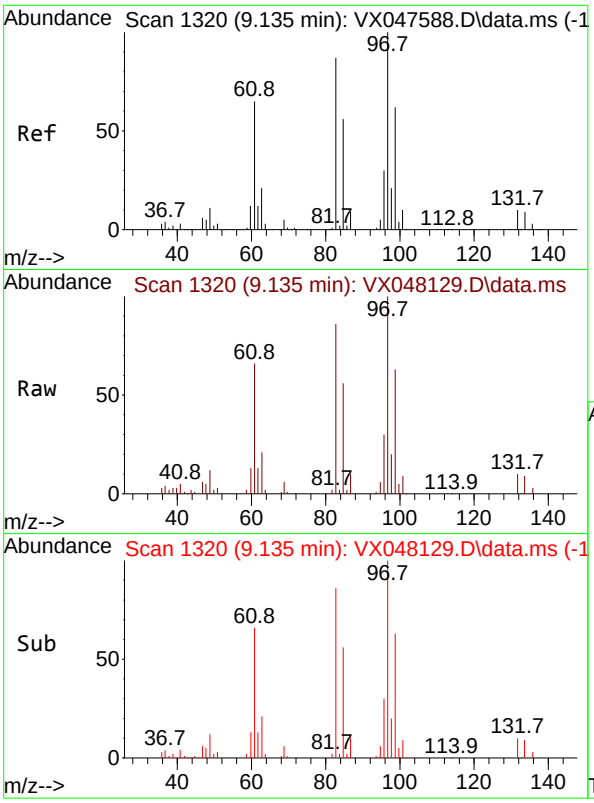


#54
cis-1,3-Dichloropropene
Concen: 19.371 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

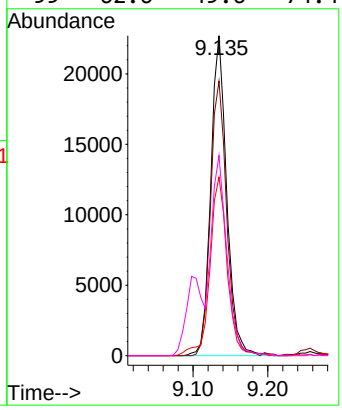




#55
1,1,2-Trichloroethane
Concen: 18.940 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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 :
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ClientSampleId :
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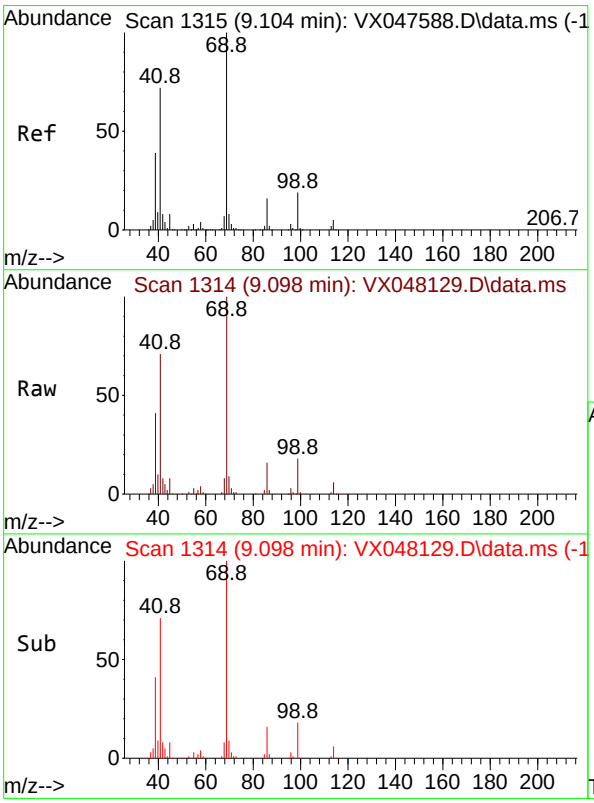
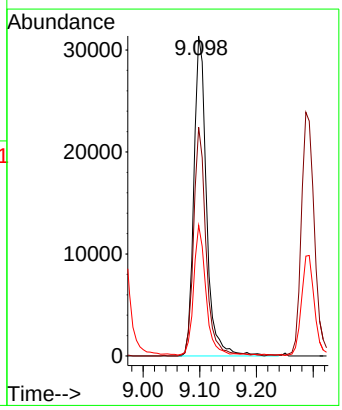
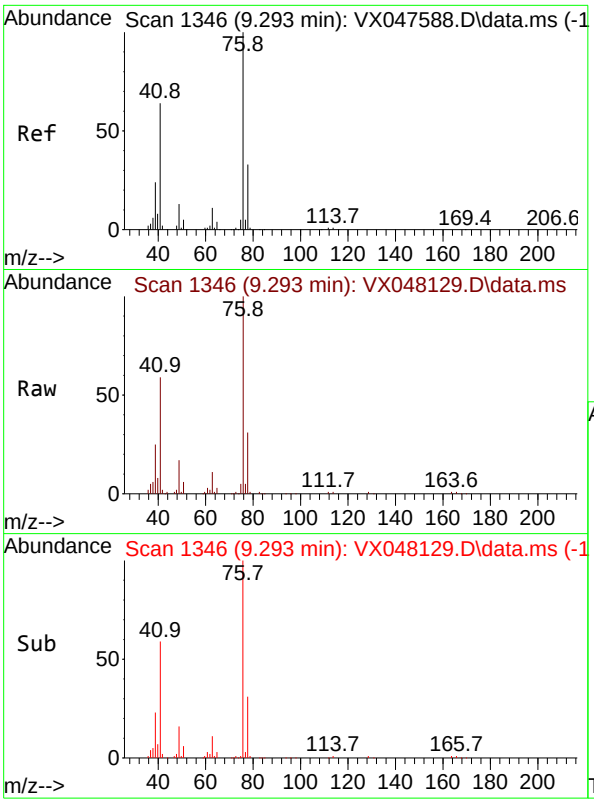


#56
Ethyl methacrylate
Concen: 17.284 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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
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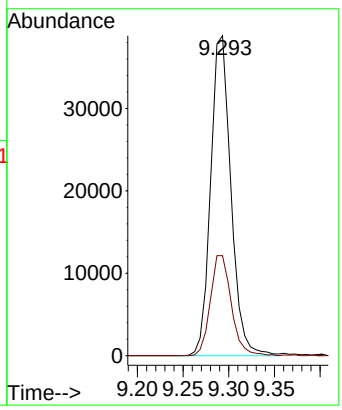
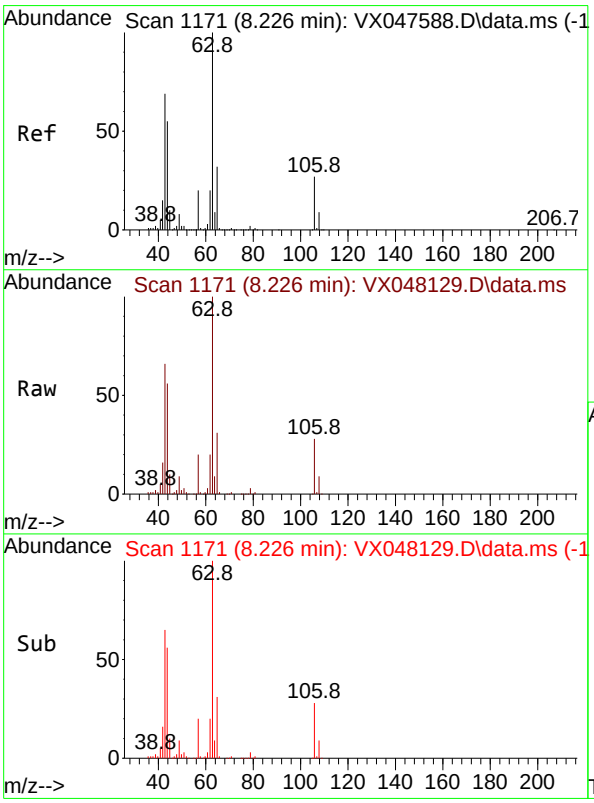
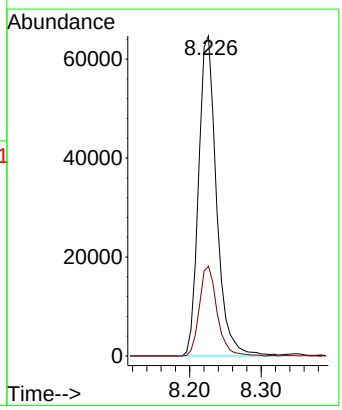


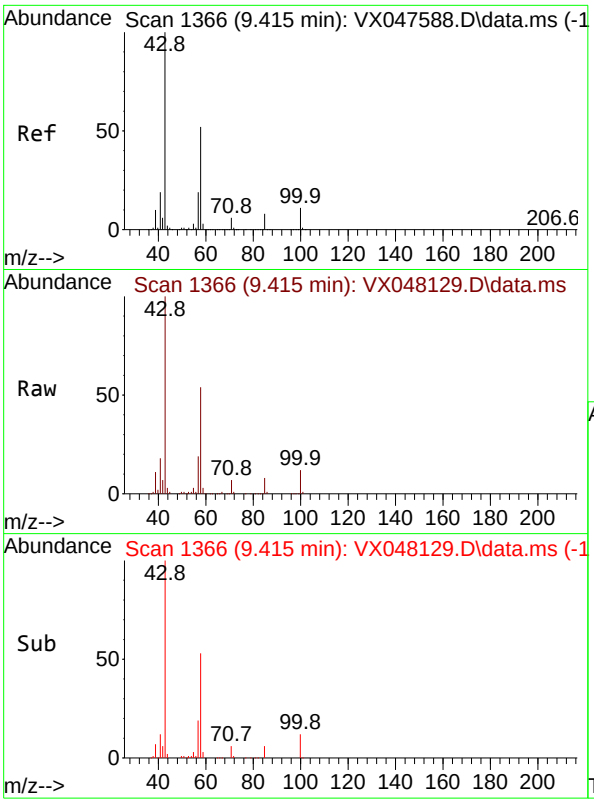


#58
2-Chloroethyl Vinyl ether
Concen: 91.363 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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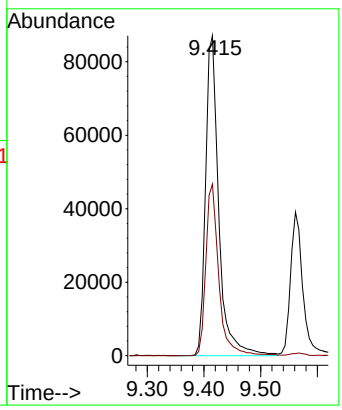
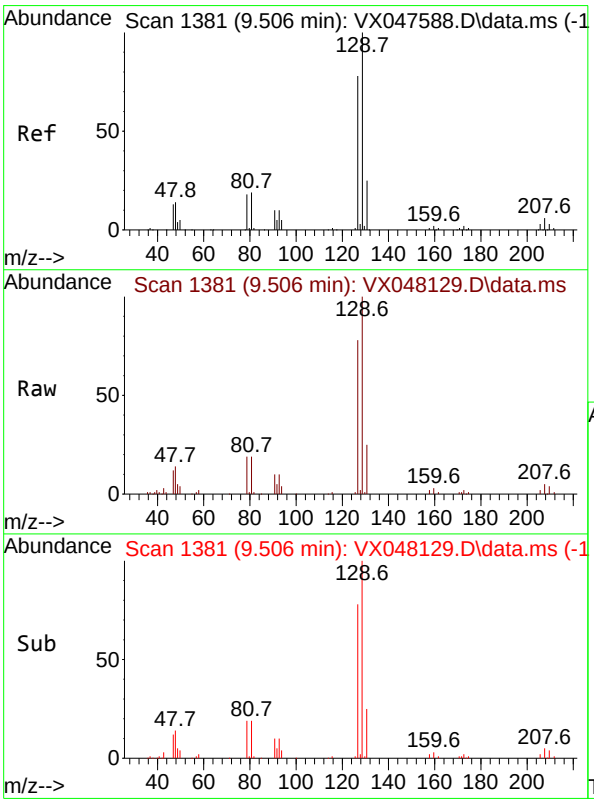
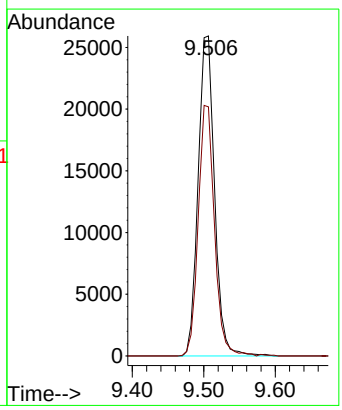


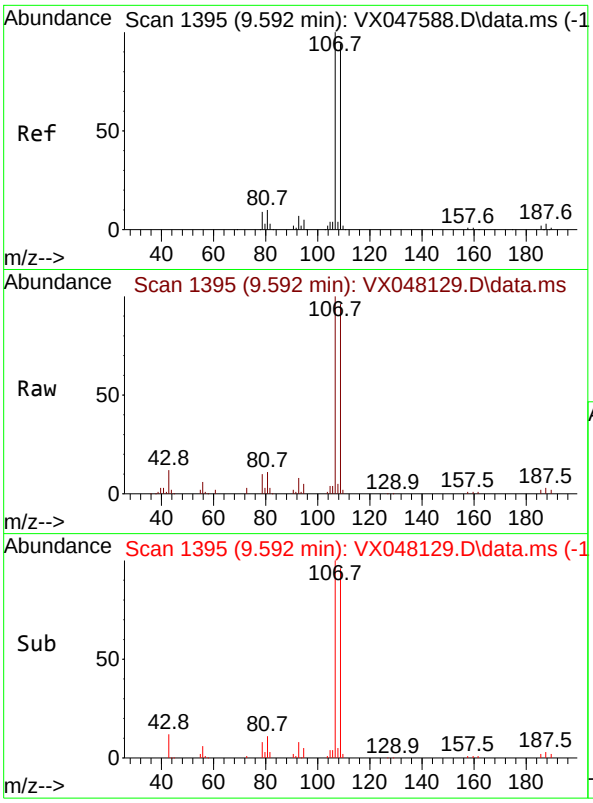


#60
Dibromochloromethane
Concen: 20.123 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:129 Resp: 41473

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.4	115.2

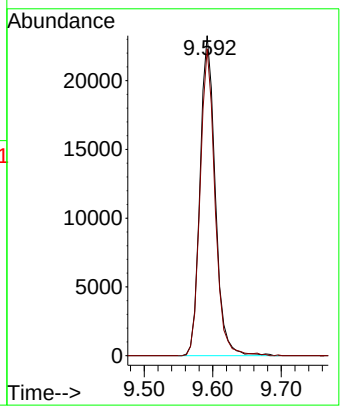




#61
1,2-Dibromoethane
Concen: 19.726 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:107 Resp: 3593

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
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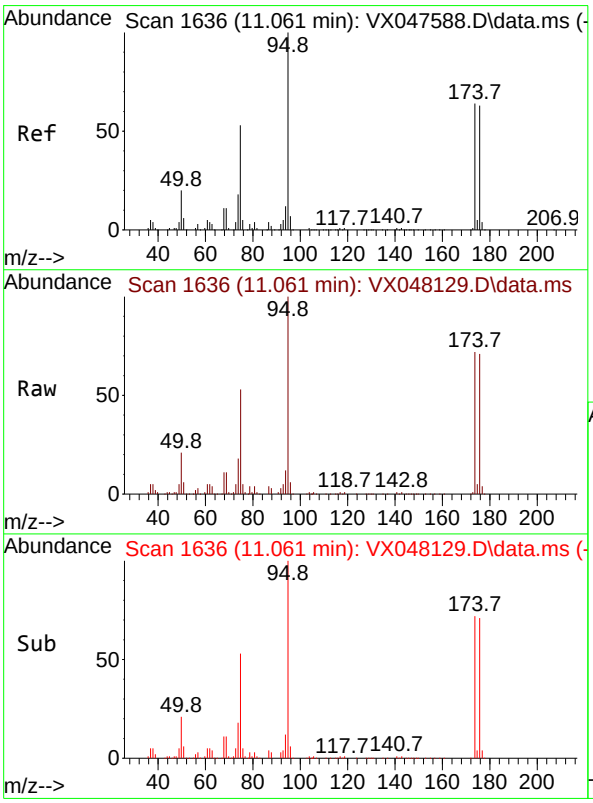
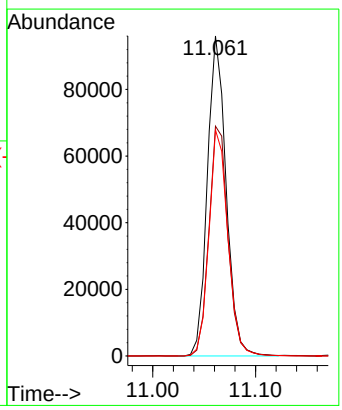
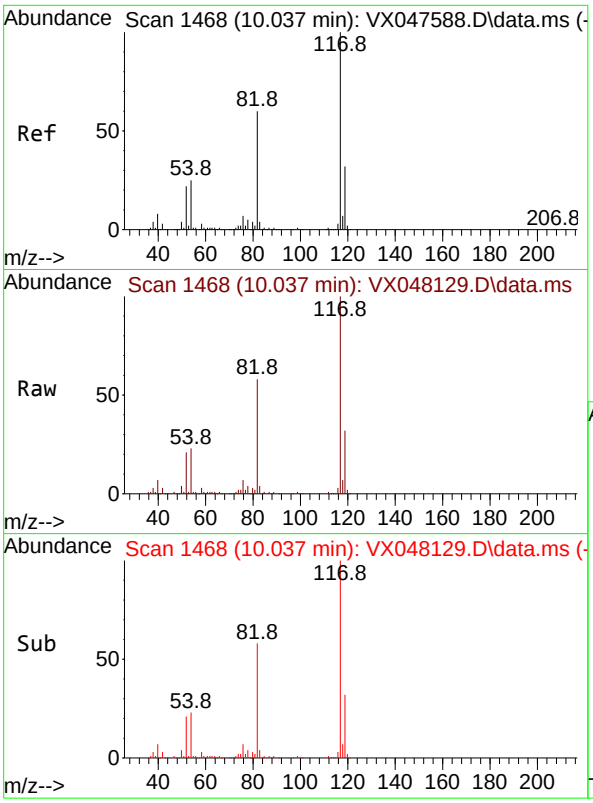


#62
4-Bromofluorobenzene
Concen: 54.774 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

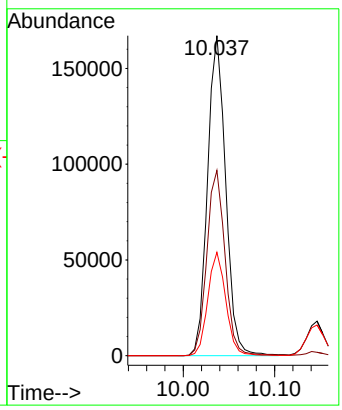




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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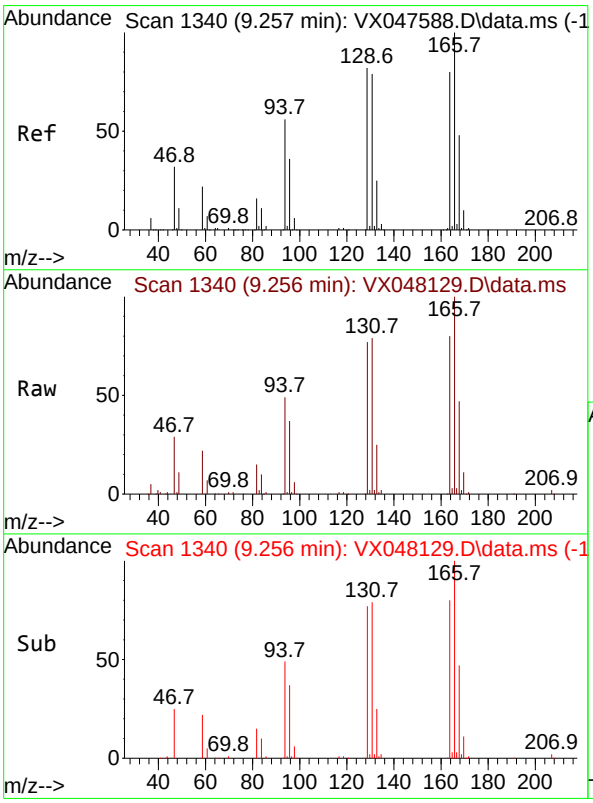
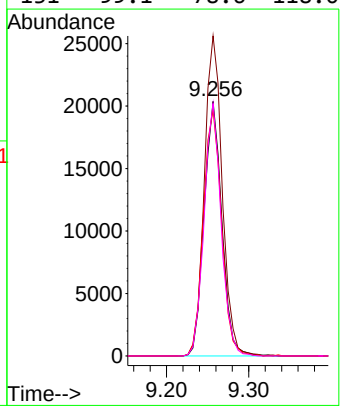
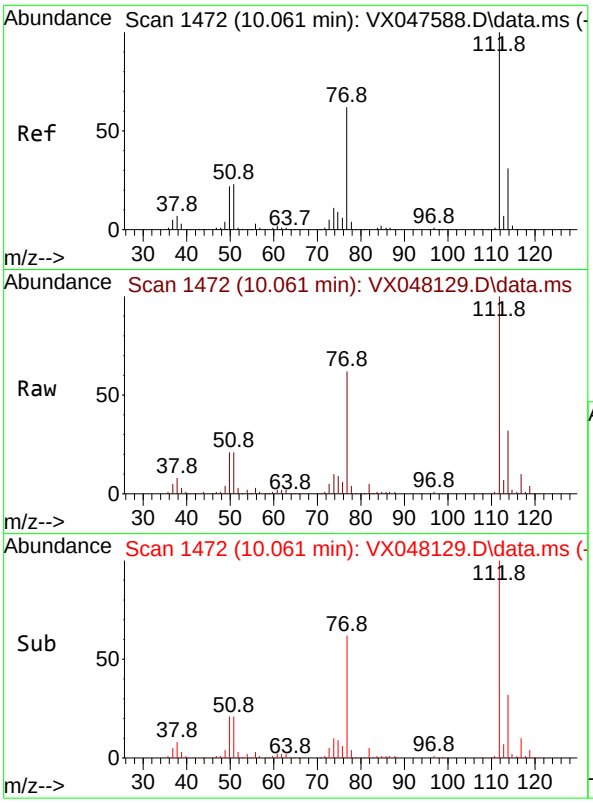


#64
Tetrachloroethene
Concen: 20.436 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

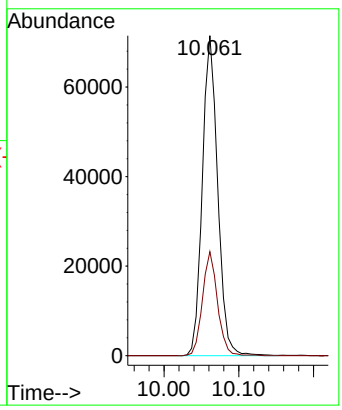




#65
Chlorobenzene
Concen: 19.501 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:112 Resp: 10184

Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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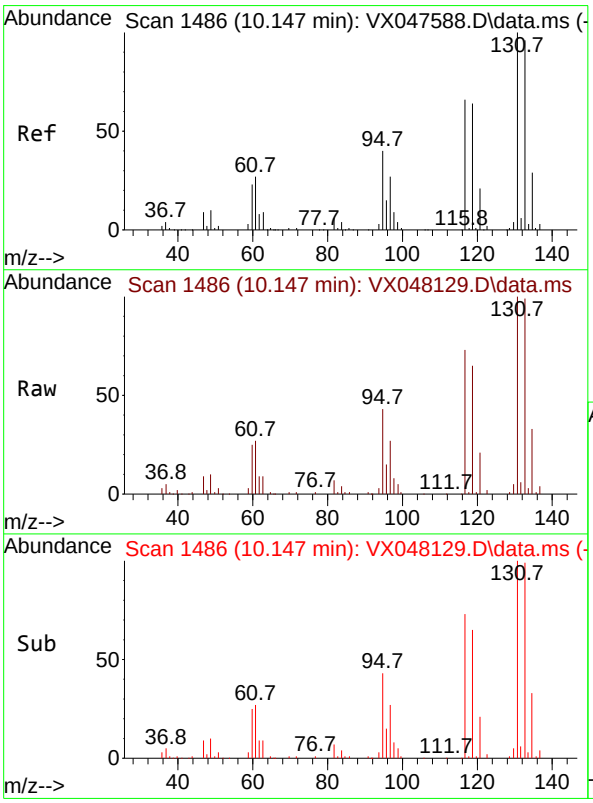
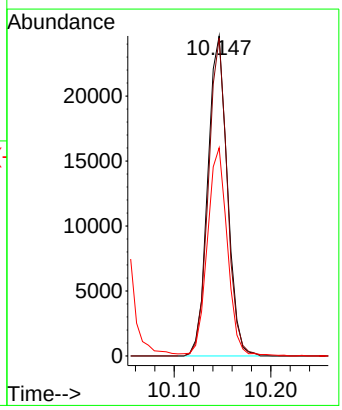
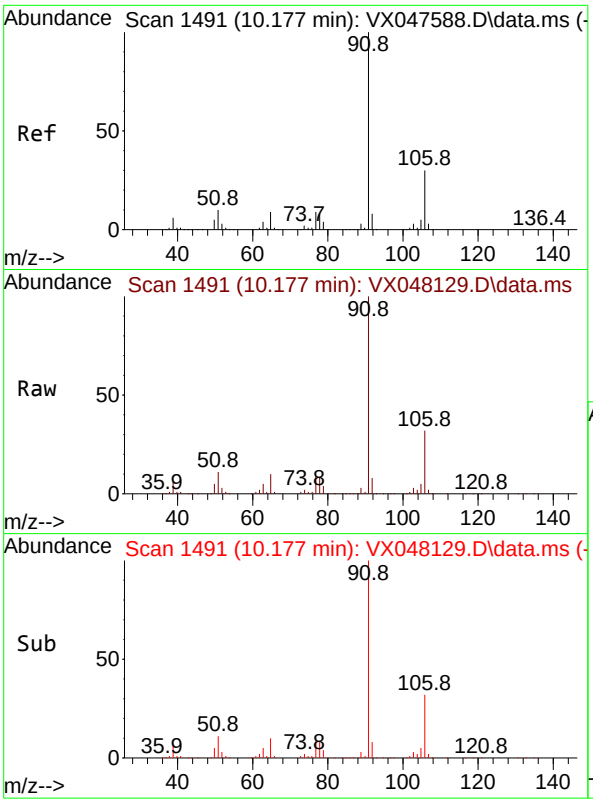


#66
1,1,1,2-Tetrachloroethane
Concen: 19.163 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

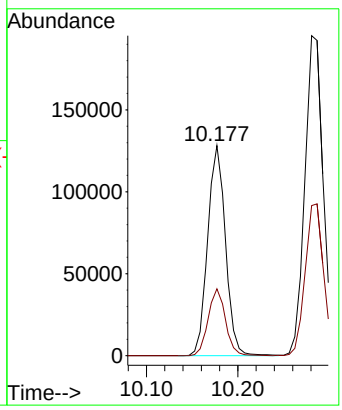




#67
Ethyl Benzene
Concen: 19.238 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 91 Resp: 17335

Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.3	36.5



Instrument :
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ClientSampleId :
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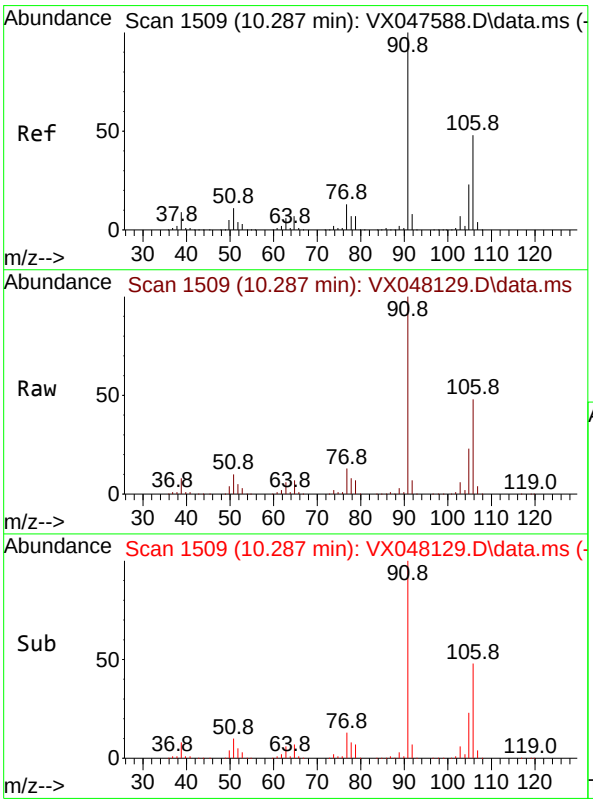
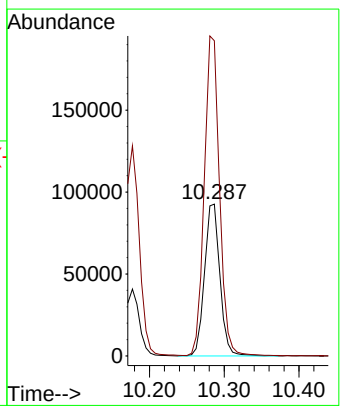
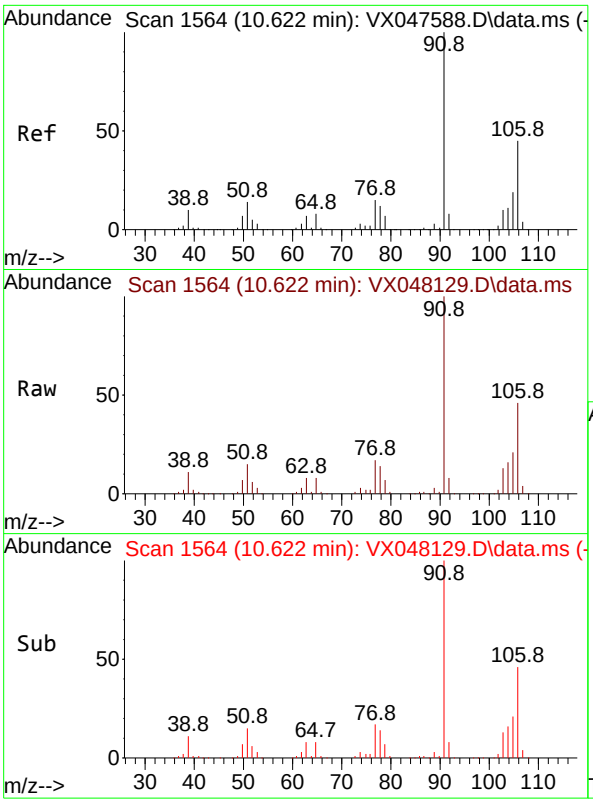


#68
m/p-Xylenes
Concen: 39.436 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

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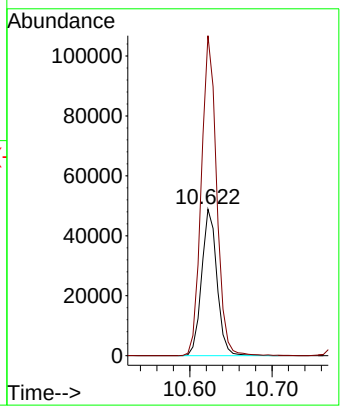
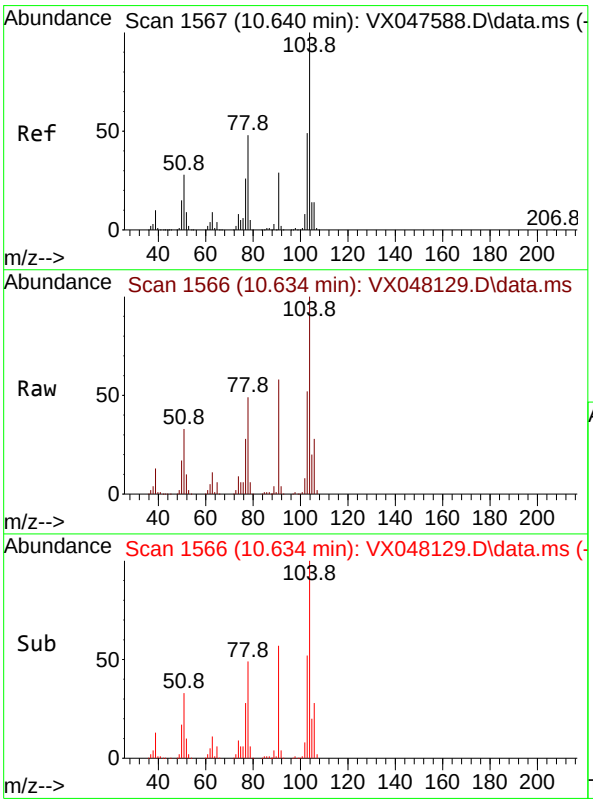
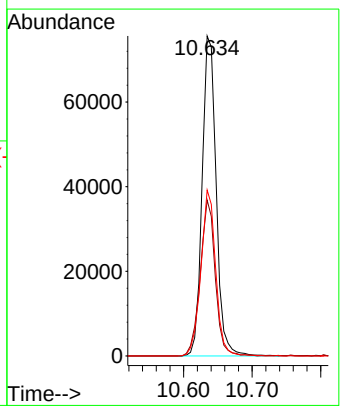


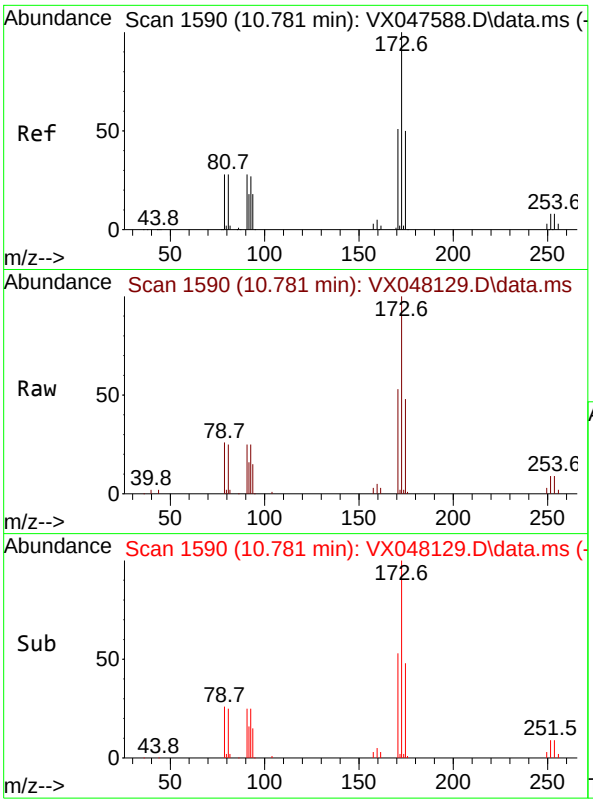


#70
Styrene
Concen: 19.029 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

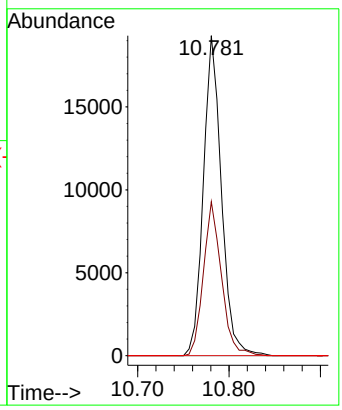




#71
Bromoform
Concen: 19.639 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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 :
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ClientSampleId :
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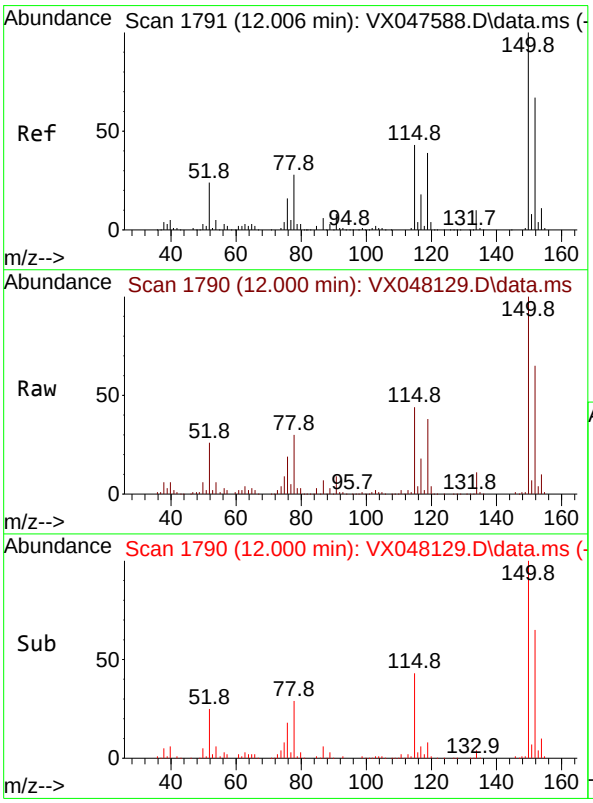
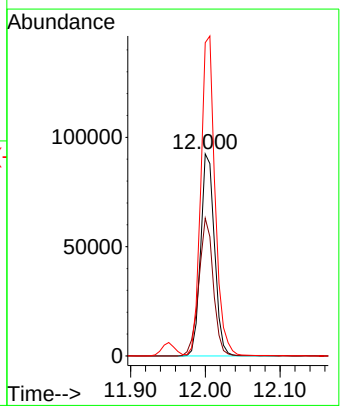
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

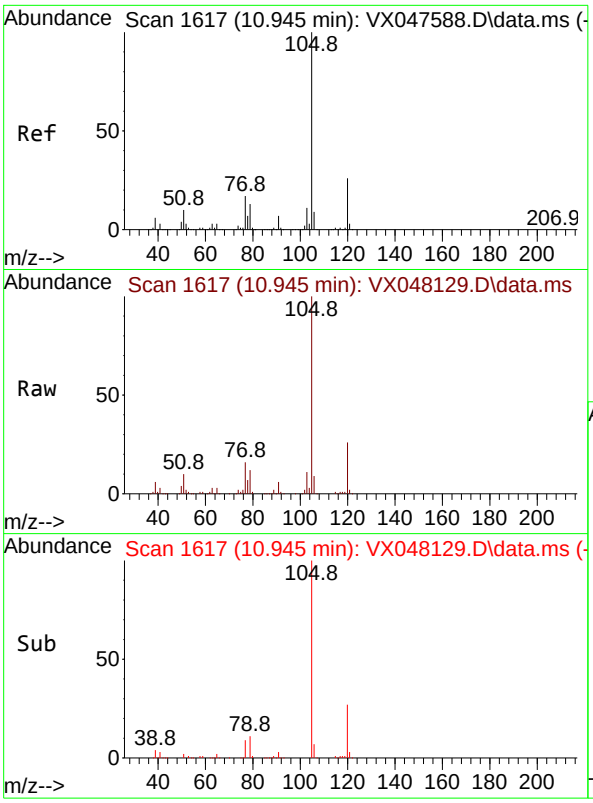


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

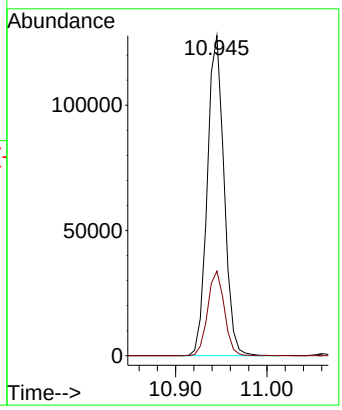




#73
Isopropylbenzene
Concen: 17.970 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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
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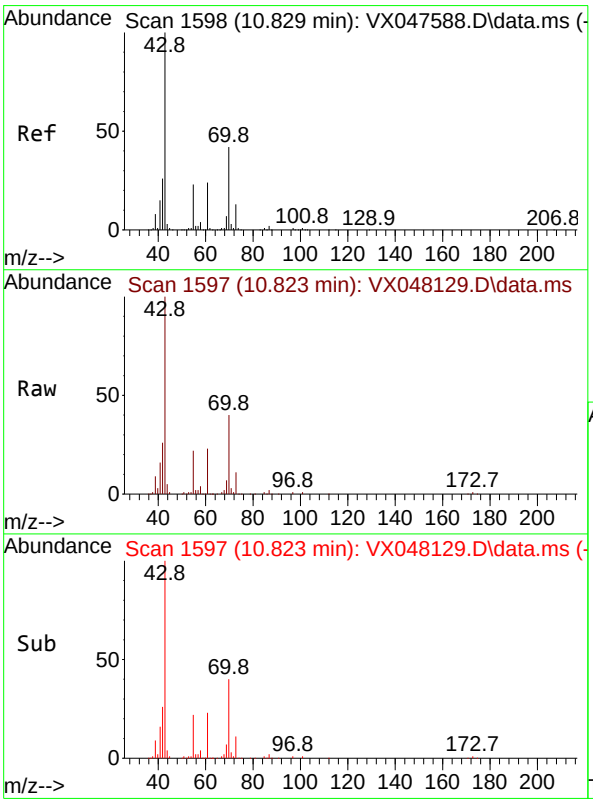
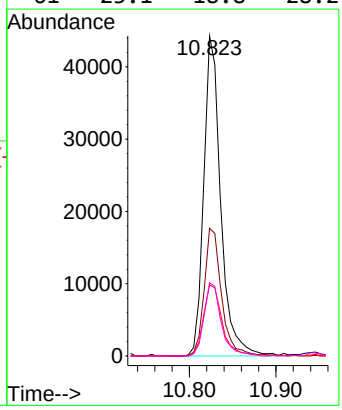
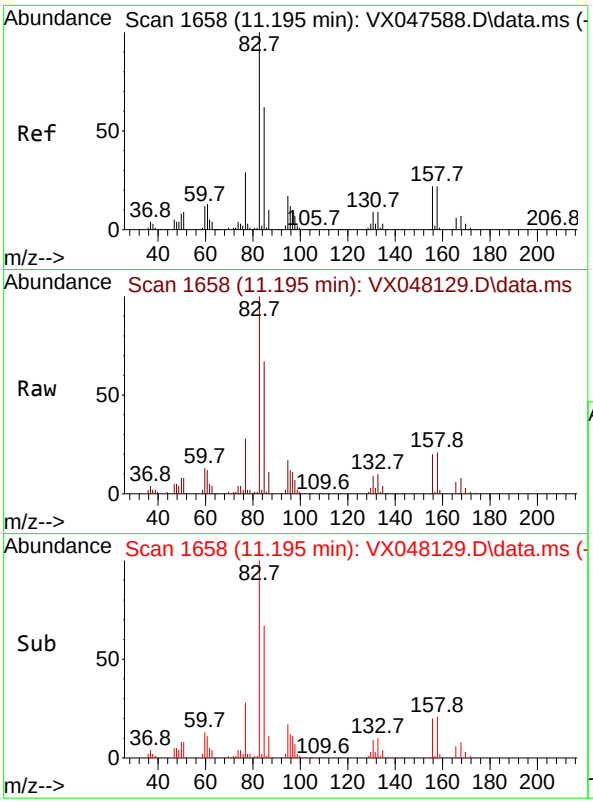


#74
N-amyl acetate
Concen: 14.613 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

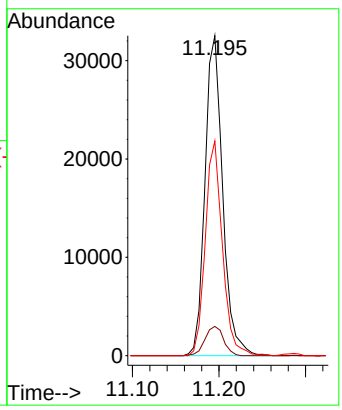




#75
1,1,2,2-Tetrachloroethane
Concen: 16.865 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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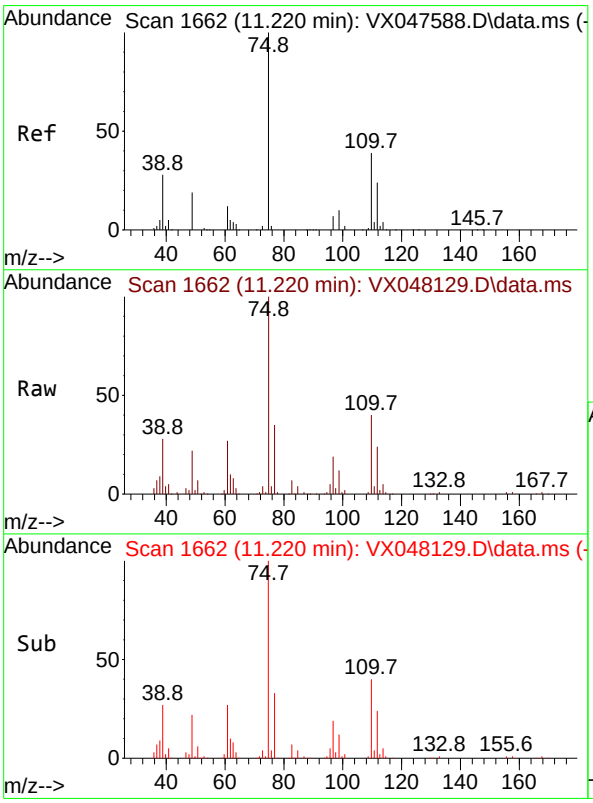
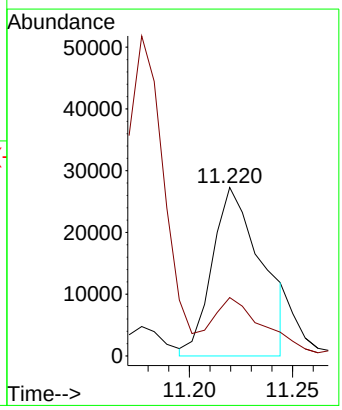
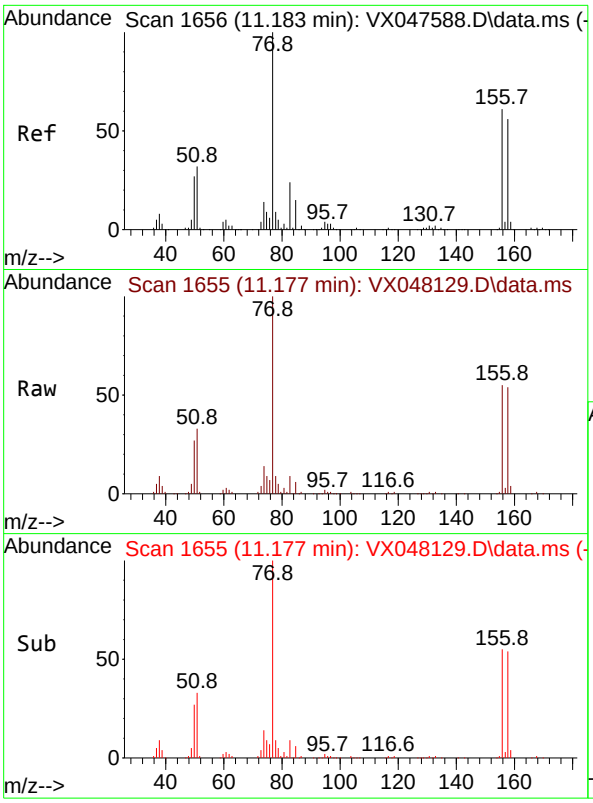


#76
1,2,3-Trichloropropane
Concen: 18.770 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 75 Resp: 45237

Ion	Ratio	Lower	Upper
75	100		
77	34.0	18.8	56.4

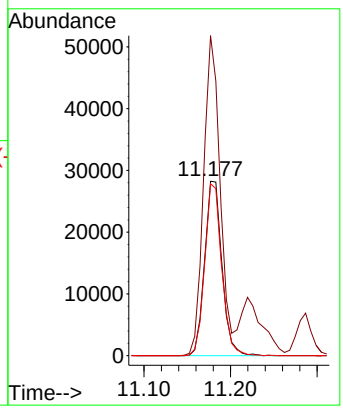




#77
Bromobenzene
Concen: 17.613 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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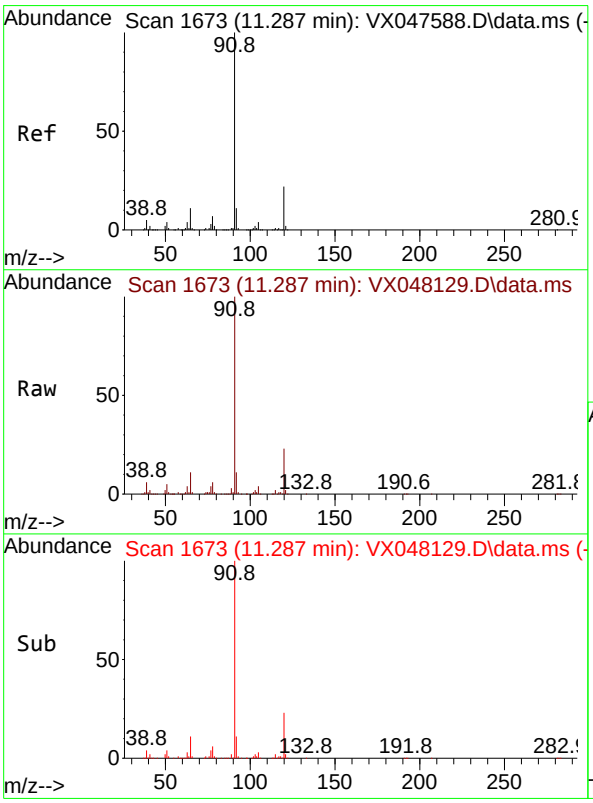
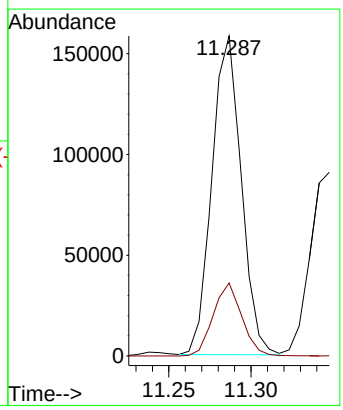
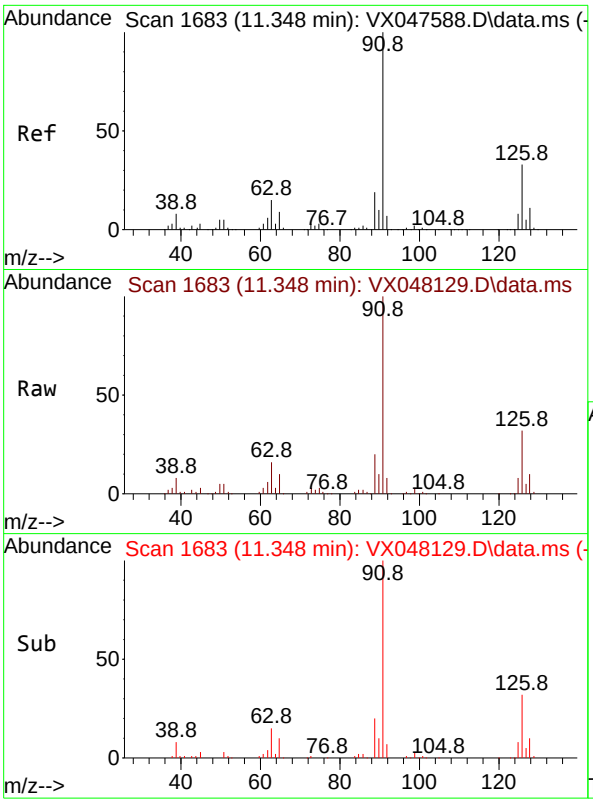


#78
n-propylbenzene
Concen: 18.373 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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Reviewed By :John Carlone 10/14/2025
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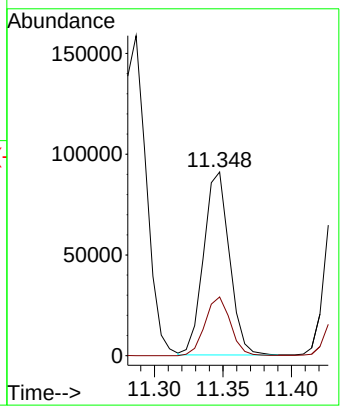
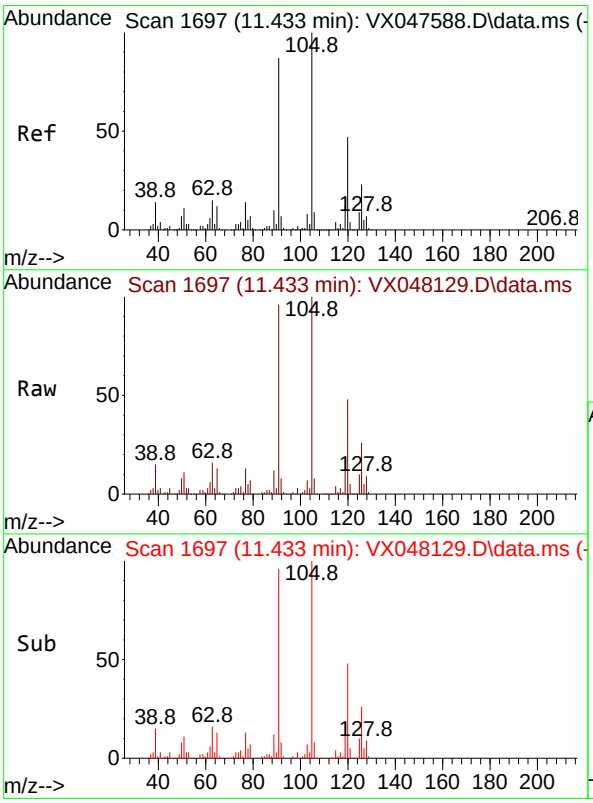
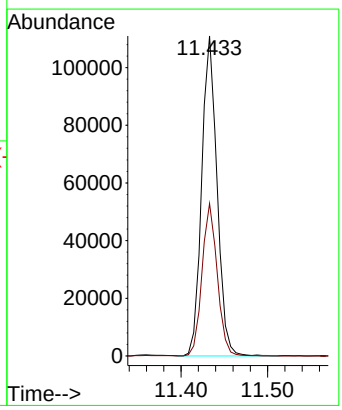


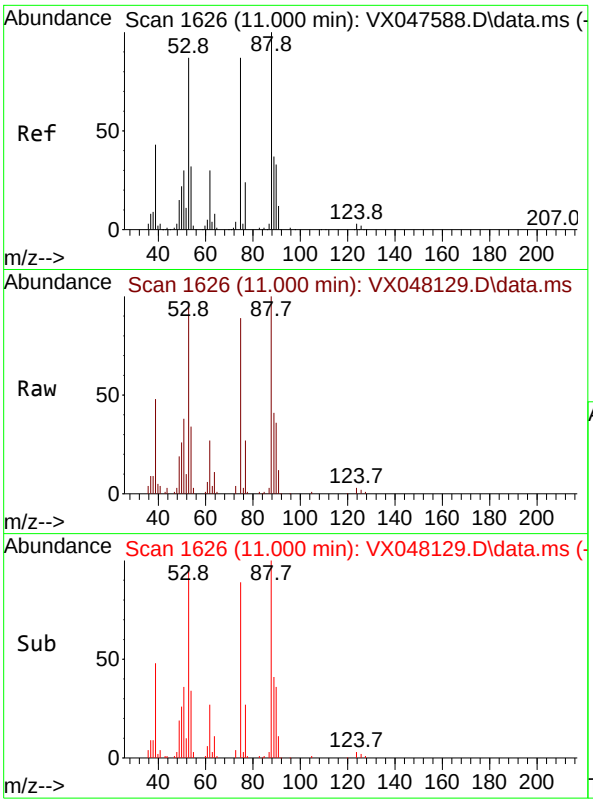


#80
1,3,5-Trimethylbenzene
Concen: 18.364 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:105 Resp: 136540

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.6	70.8

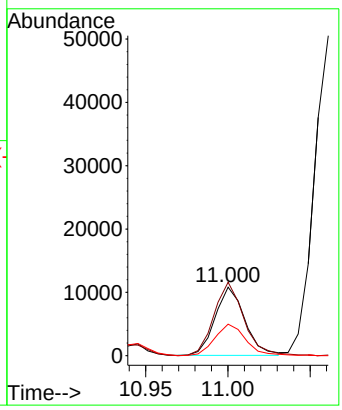




#81
trans-1,4-Dichloro-2-butene
Concen: 14.315 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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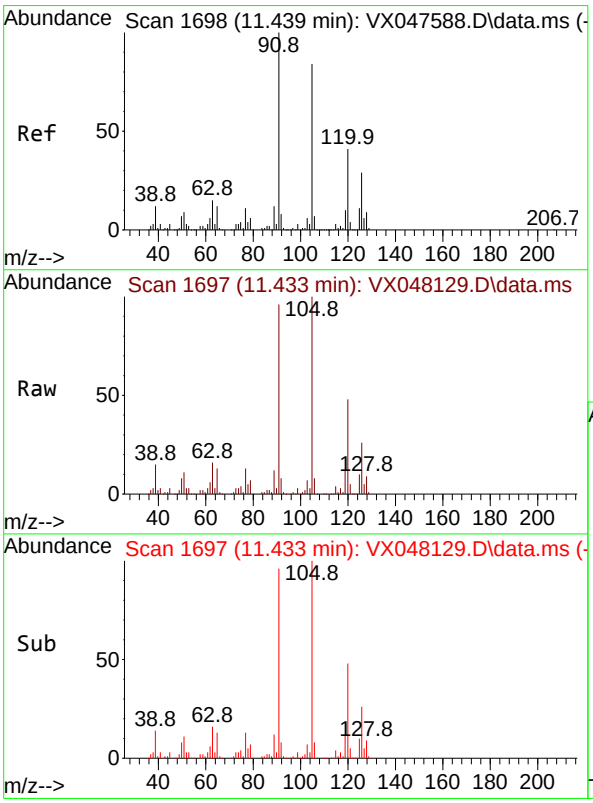
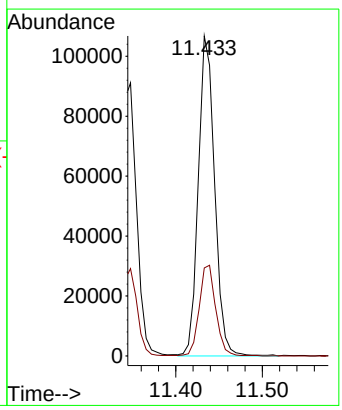
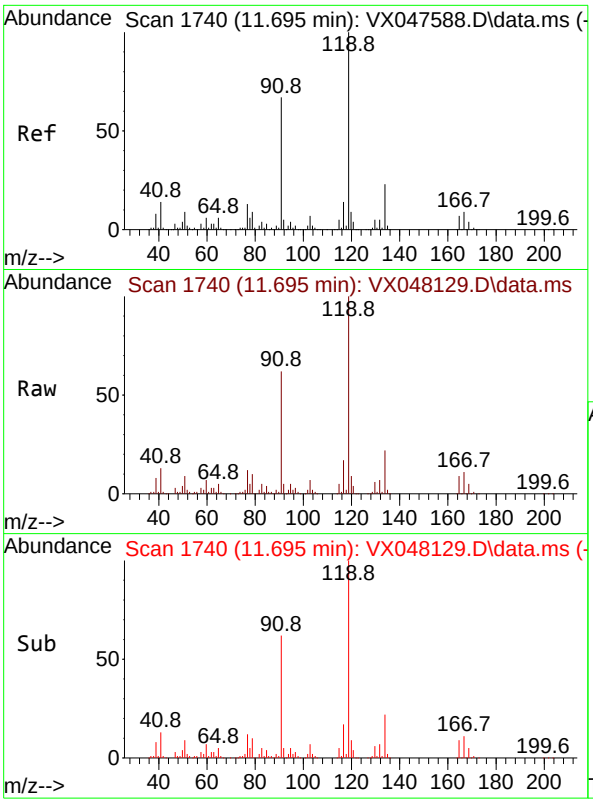


#82
4-Chlorotoluene
Concen: 18.095 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 91 Resp: 140028

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6

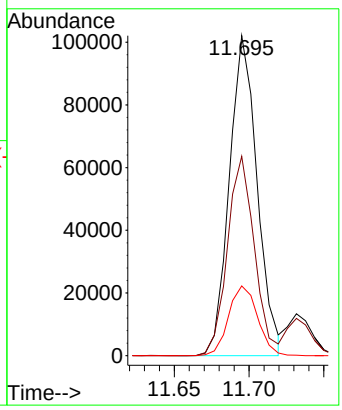




#83
tert-Butylbenzene
Concen: 17.336 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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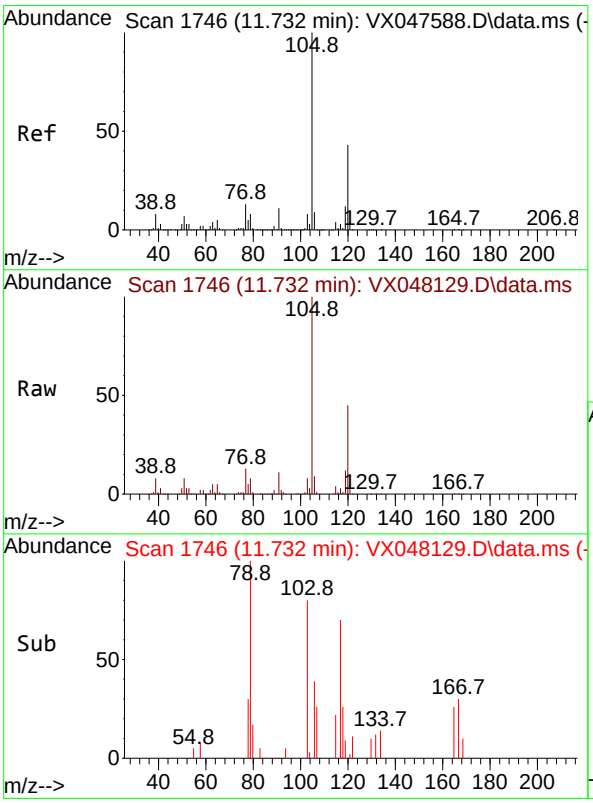
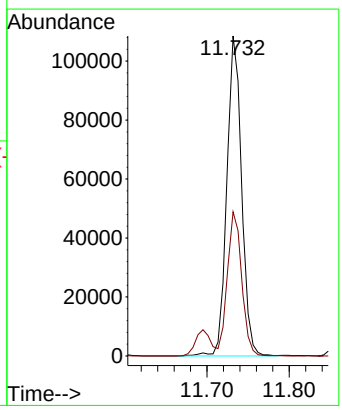
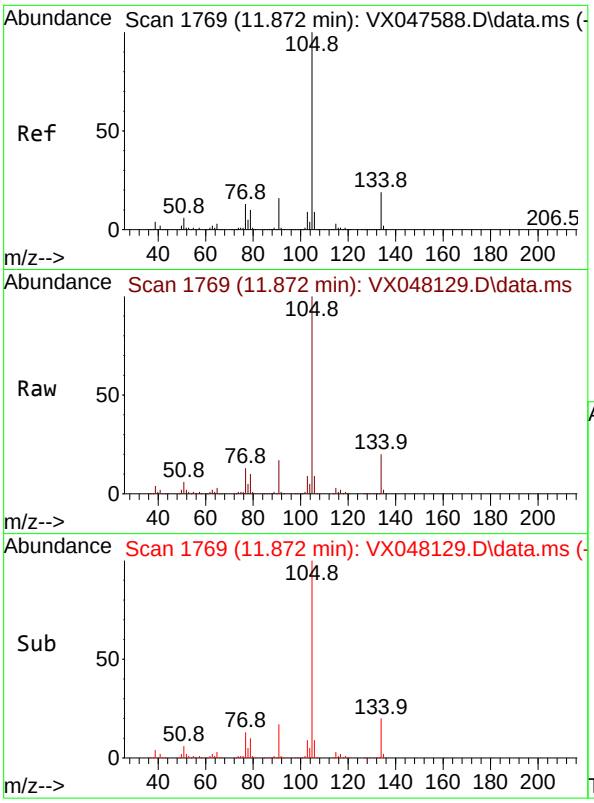


#84
1,2,4-Trimethylbenzene
Concen: 17.994 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:105 Resp: 135638

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1

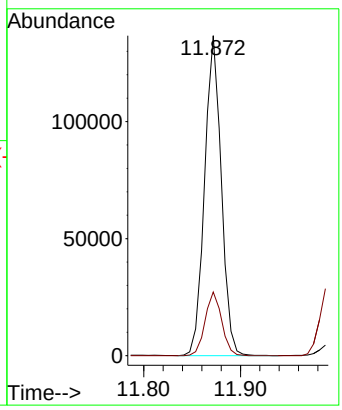




#85
sec-Butylbenzene
Concen: 18.173 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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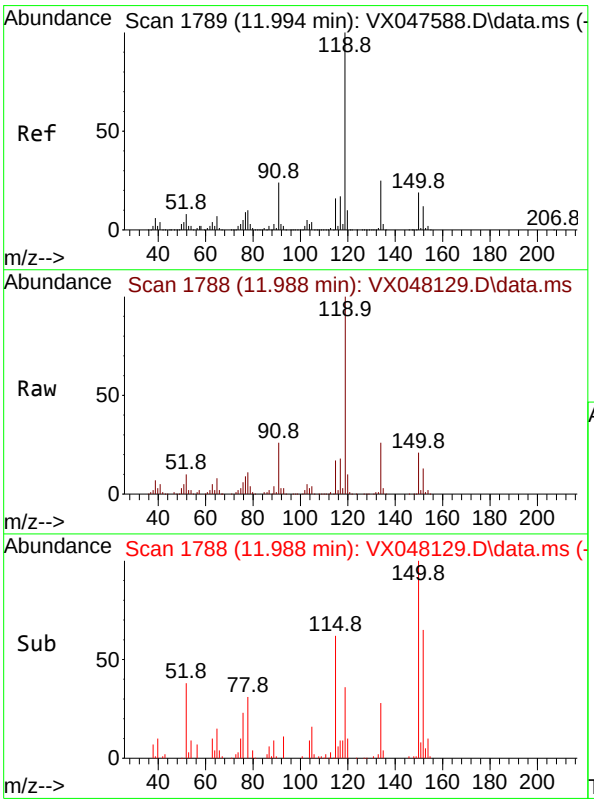
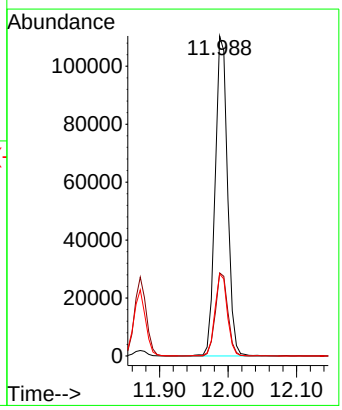
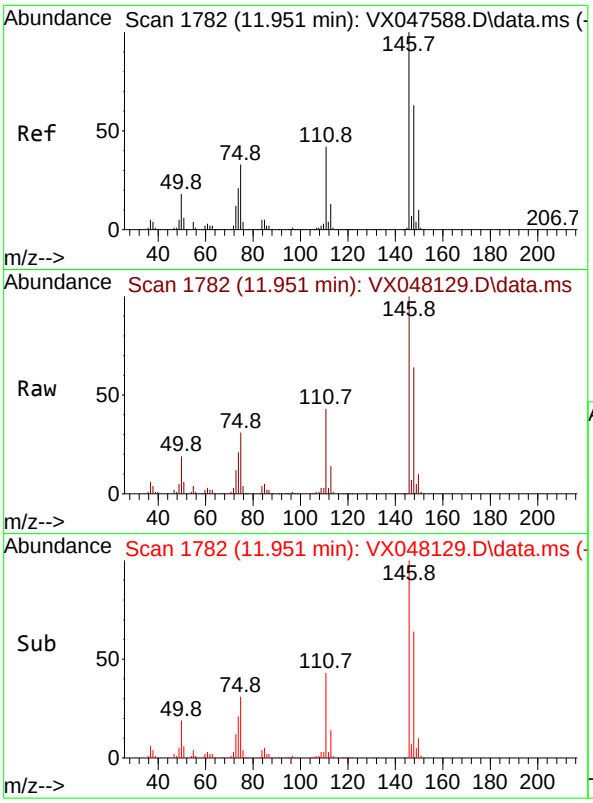


#86
p-Isopropyltoluene
Concen: 18.102 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

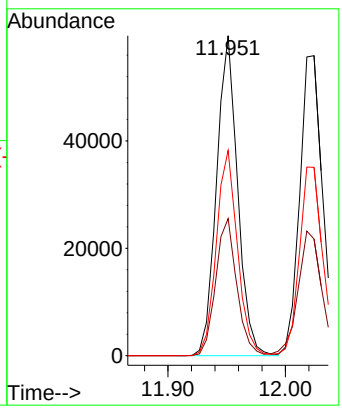




#87
1,3-Dichlorobenzene
Concen: 17.954 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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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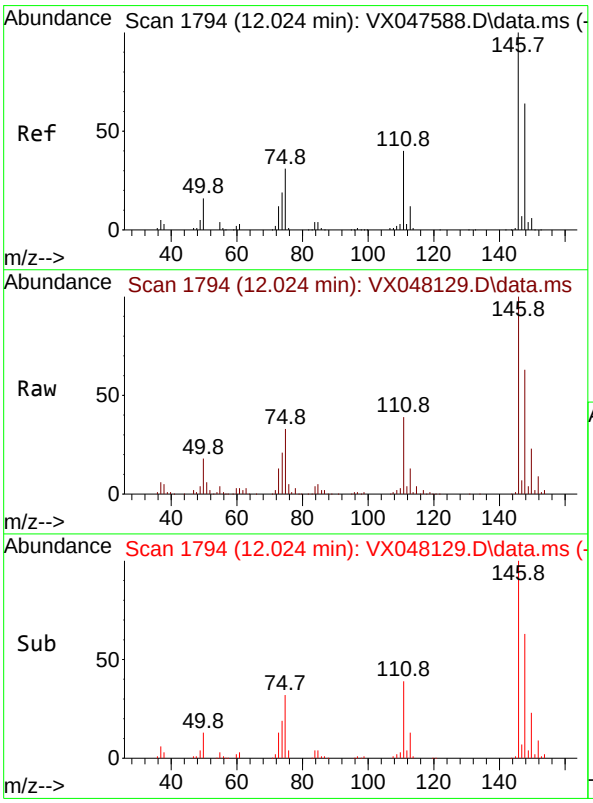
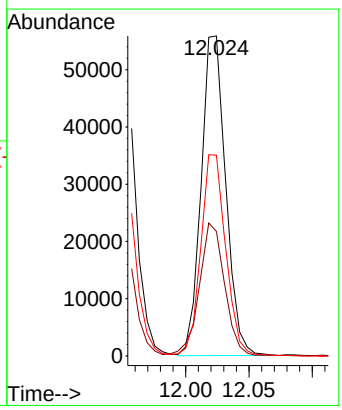
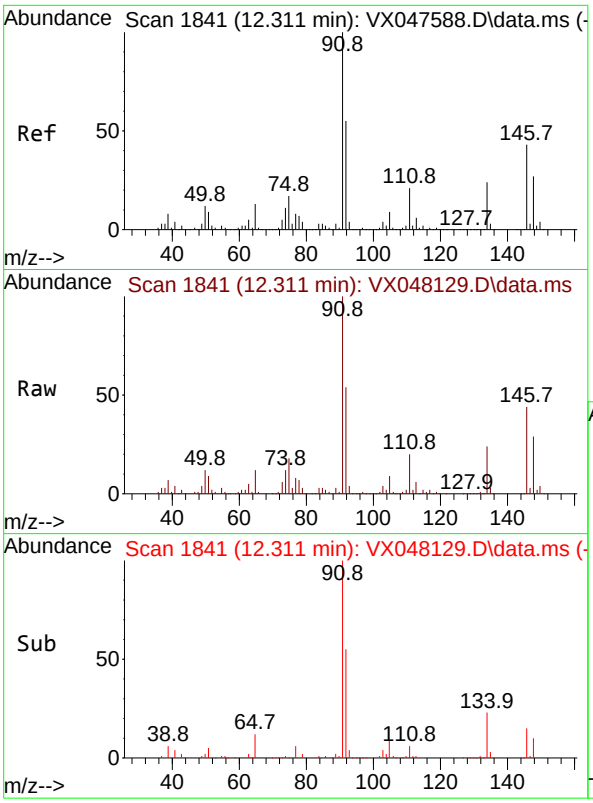


#88
1,4-Dichlorobenzene
Concen: 17.809 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

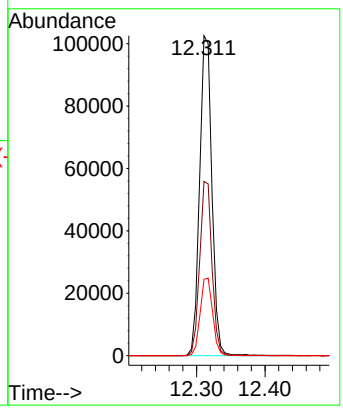




#89
n-Butylbenzene
Concen: 18.112 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

Manual Integrations
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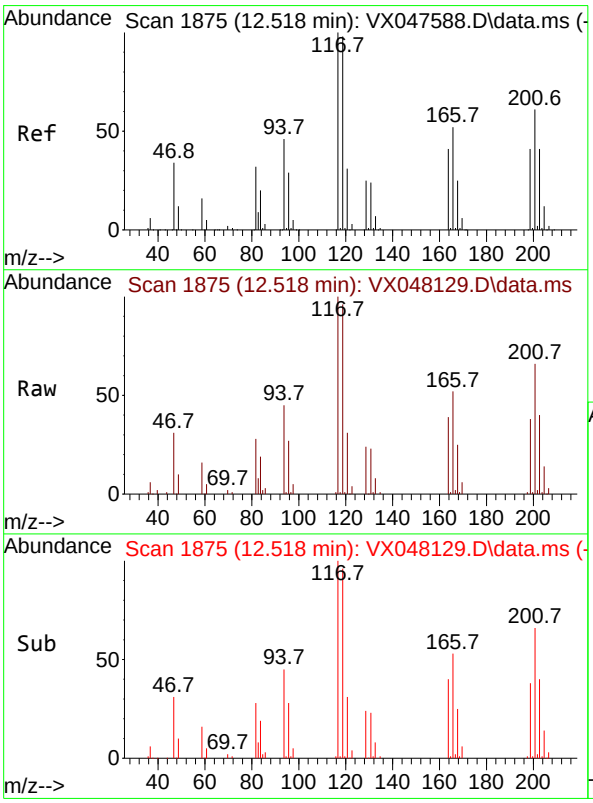
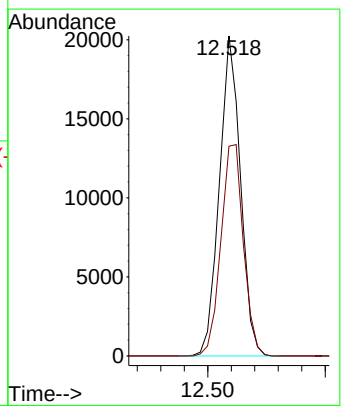
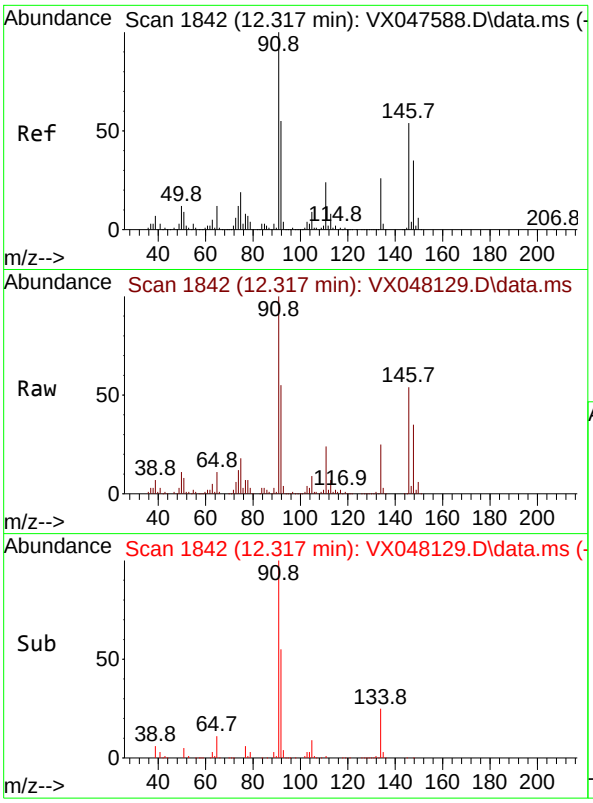


#90
Hexachloroethane
Concen: 18.780 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:117 Resp: 25236

Ion	Ratio	Lower	Upper
117	100		
201	70.6	34.2	102.5

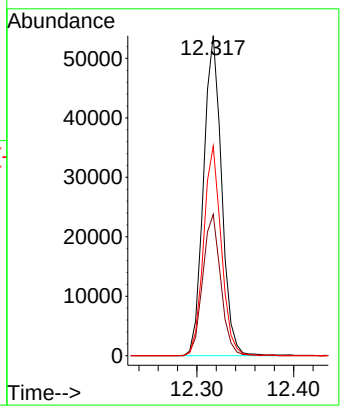




#91
1,2-Dichlorobenzene
Concen: 17.761 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:146 Resp: 7005

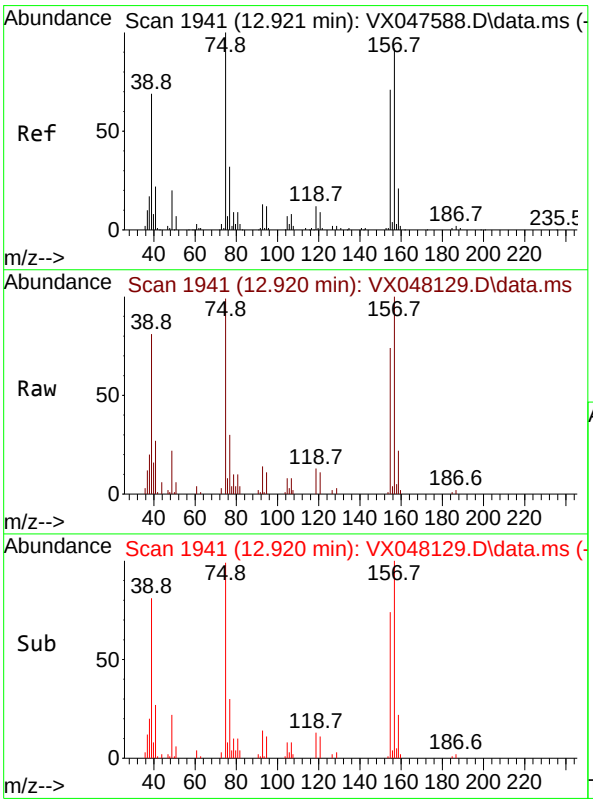
Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	64.0	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations APPROVED

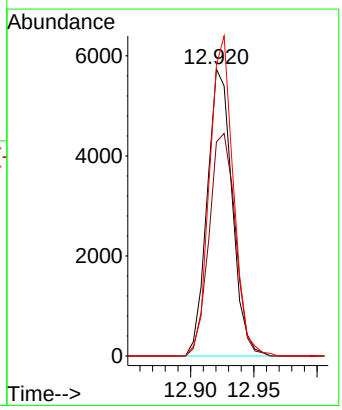
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

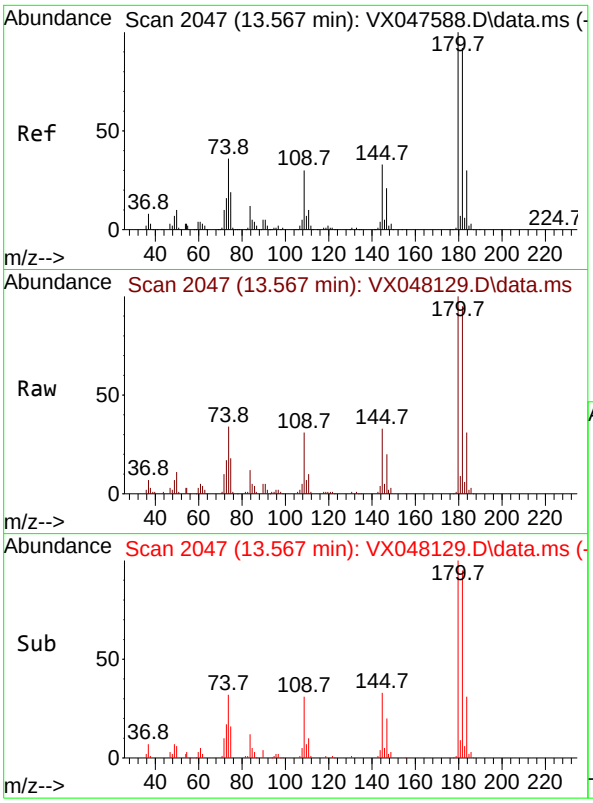


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.156 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

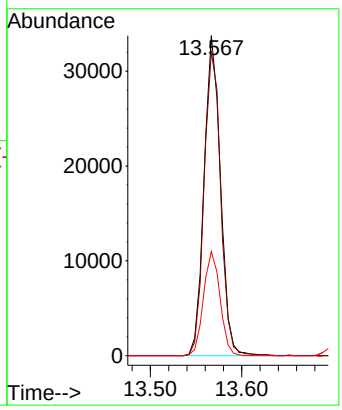




#93
1,2,4-Trichlorobenzene
Concen: 16.361 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:180 Resp: 4193

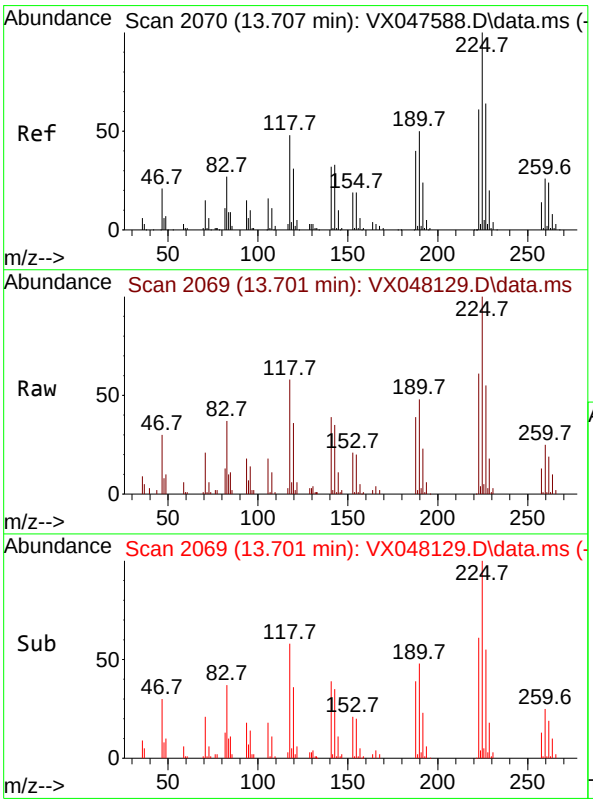
Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.6	139.8
145	32.8	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations APPROVED

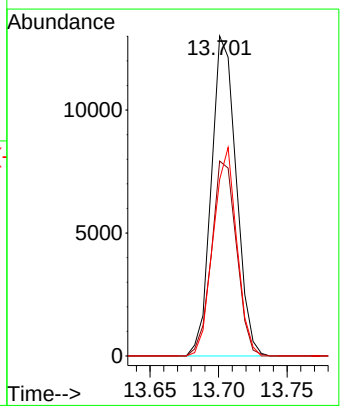
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

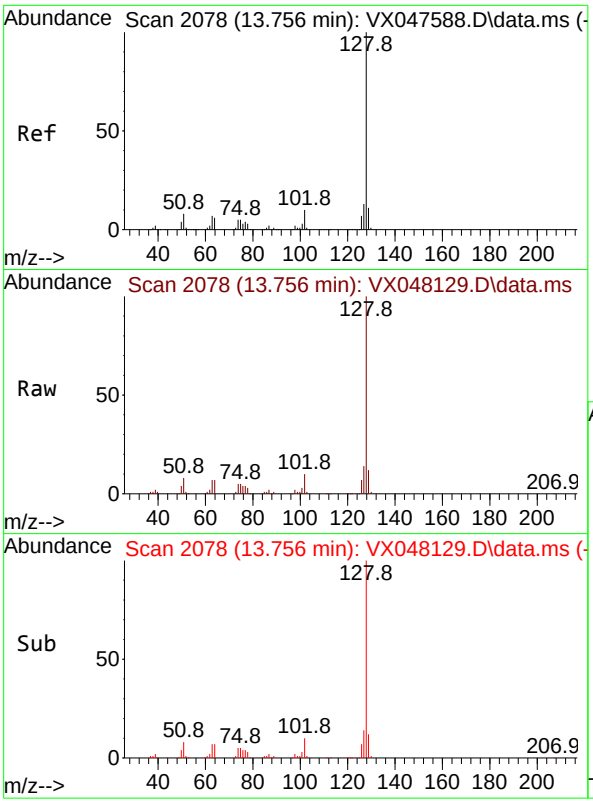


#94
Hexachlorobutadiene
Concen: 18.794 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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

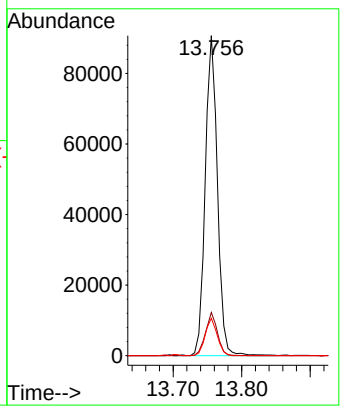




#95
Naphthalene
Concen: 14.383 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:128 Resp: 11226

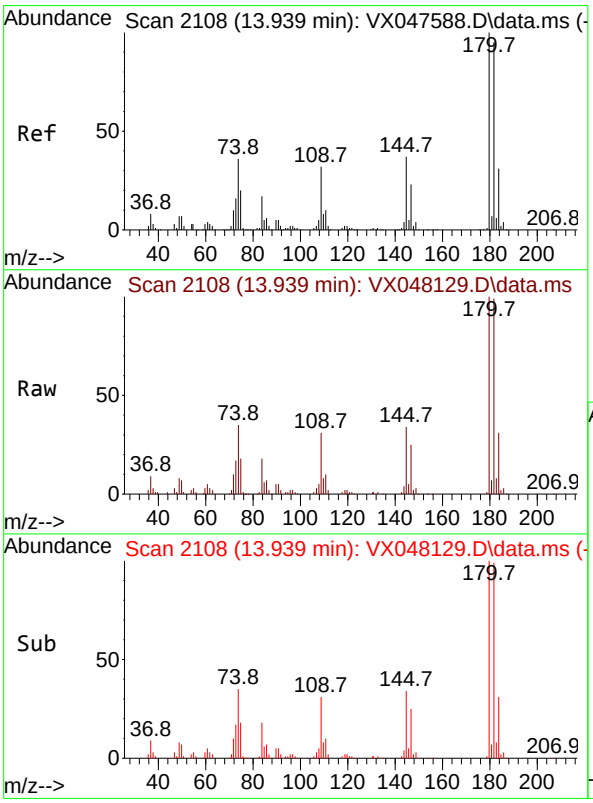
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.6	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Manual Integrations
APPROVED

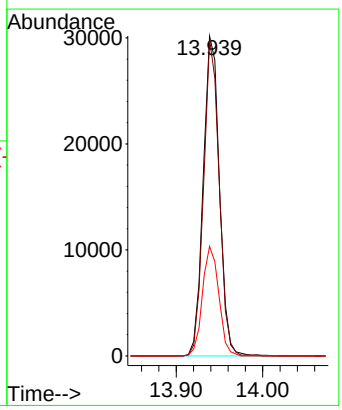
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#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:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBSD01	SDG No.:	Q3324
Lab Sample ID:	VX1010WBSD01	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS										
75-71-8	Dichlorodifluoromethane	22.3		1	0.22	0.50	1.00	ug/L	10/10/25 18:59	VX101025
74-87-3	Chloromethane	19.3		1	0.32	0.50	1.00	ug/L	10/10/25 18:59	VX101025
75-01-4	Vinyl Chloride	21.2		1	0.26	0.75	1.00	ug/L	10/10/25 18:59	VX101025
74-83-9	Bromomethane	21.6		1	1.40	3.80	5.00	ug/L	10/10/25 18:59	VX101025
75-00-3	Chloroethane	20.9		1	0.47	0.75	1.00	ug/L	10/10/25 18:59	VX101025
75-69-4	Trichlorofluoromethane	21.4		1	0.33	0.50	1.00	ug/L	10/10/25 18:59	VX101025
76-13-1	1,1,2-Trichlorotrifluoroethane	21.5		1	0.25	0.50	1.00	ug/L	10/10/25 18:59	VX101025
75-35-4	1,1-Dichloroethene	20.3		1	0.23	0.75	1.00	ug/L	10/10/25 18:59	VX101025
67-64-1	Acetone	68.8		1	1.50	3.80	5.00	ug/L	10/10/25 18:59	VX101025
75-15-0	Carbon Disulfide	22.3		1	0.21	0.75	1.00	ug/L	10/10/25 18:59	VX101025
1634-04-4	Methyl tert-butyl Ether	18.6		1	0.16	0.50	1.00	ug/L	10/10/25 18:59	VX101025
79-20-9	Methyl Acetate	16.3		1	0.27	0.75	1.00	ug/L	10/10/25 18:59	VX101025
75-09-2	Methylene Chloride	20.4		1	0.28	0.50	1.00	ug/L	10/10/25 18:59	VX101025
156-60-5	trans-1,2-Dichloroethene	20.3		1	0.23	0.50	1.00	ug/L	10/10/25 18:59	VX101025
75-34-3	1,1-Dichloroethane	20.3		1	0.23	0.50	1.00	ug/L	10/10/25 18:59	VX101025
110-82-7	Cyclohexane	20.4		1	1.50	2.50	5.00	ug/L	10/10/25 18:59	VX101025
78-93-3	2-Butanone	82.4		1	0.98	2.50	5.00	ug/L	10/10/25 18:59	VX101025
56-23-5	Carbon Tetrachloride	21.1		1	0.25	0.50	1.00	ug/L	10/10/25 18:59	VX101025
156-59-2	cis-1,2-Dichloroethene	19.7		1	0.19	0.75	1.00	ug/L	10/10/25 18:59	VX101025
74-97-5	Bromochloromethane	25.4		1	0.22	0.50	1.00	ug/L	10/10/25 18:59	VX101025
67-66-3	Chloroform	20.3		1	0.25	0.50	1.00	ug/L	10/10/25 18:59	VX101025
71-55-6	1,1,1-Trichloroethane	20.6		1	0.20	0.50	1.00	ug/L	10/10/25 18:59	VX101025
108-87-2	Methylcyclohexane	21.0		1	0.16	0.50	1.00	ug/L	10/10/25 18:59	VX101025
71-43-2	Benzene	20.9		1	0.15	0.50	1.00	ug/L	10/10/25 18:59	VX101025
107-06-2	1,2-Dichloroethane	20.5		1	0.22	0.50	1.00	ug/L	10/10/25 18:59	VX101025
79-01-6	Trichloroethene	21.1		1	0.090	0.75	1.00	ug/L	10/10/25 18:59	VX101025
78-87-5	1,2-Dichloropropane	20.9		1	0.20	0.50	1.00	ug/L	10/10/25 18:59	VX101025
75-27-4	Bromodichloromethane	21.2		1	0.22	0.50	1.00	ug/L	10/10/25 18:59	VX101025
108-10-1	4-Methyl-2-Pentanone	94.4		1	0.68	2.50	5.00	ug/L	10/10/25 18:59	VX101025
108-88-3	Toluene	21.2		1	0.14	0.50	1.00	ug/L	10/10/25 18:59	VX101025
10061-02-6	t-1,3-Dichloropropene	19.3		1	0.17	0.50	1.00	ug/L	10/10/25 18:59	VX101025
10061-01-5	cis-1,3-Dichloropropene	19.9		1	0.16	0.50	1.00	ug/L	10/10/25 18:59	VX101025
79-00-5	1,1,2-Trichloroethane	20.6		1	0.21	0.50	1.00	ug/L	10/10/25 18:59	VX101025
591-78-6	2-Hexanone	87.8		1	0.89	2.50	5.00	ug/L	10/10/25 18:59	VX101025
124-48-1	Dibromochloromethane	21.4		1	0.18	0.50	1.00	ug/L	10/10/25 18:59	VX101025
106-93-4	1,2-Dibromoethane	21.6		1	0.15	0.50	1.00	ug/L	10/10/25 18:59	VX101025
127-18-4	Tetrachloroethene	21.9		1	0.23	0.50	1.00	ug/L	10/10/25 18:59	VX101025
108-90-7	Chlorobenzene	20.1		1	0.12	0.50	1.00	ug/L	10/10/25 18:59	VX101025
100-41-4	Ethyl Benzene	20.0		1	0.13	0.50	1.00	ug/L	10/10/25 18:59	VX101025
179601-23-1	m/p-Xylenes	40.8		1	0.24	1.00	2.00	ug/L	10/10/25 18:59	VX101025
95-47-6	o-Xylene	19.9		1	0.12	0.50	1.00	ug/L	10/10/25 18:59	VX101025
100-42-5	Styrene	19.6		1	0.15	0.50	1.00	ug/L	10/10/25 18:59	VX101025
75-25-2	Bromoform	19.7		1	0.19	0.50	1.00	ug/L	10/10/25 18:59	VX101025

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	VX1010WBSD01	SDG No.:	Q3324
Lab Sample ID:	VX1010WBSD01	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	LOD	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	18.4		1	0.12	0.50	1.00	ug/L	10/10/25 18:59	VX101025
79-34-5	1,1,2,2-Tetrachloroethane	18.1		1	0.26	0.50	1.00	ug/L	10/10/25 18:59	VX101025
541-73-1	1,3-Dichlorobenzene	18.7		1	0.16	0.50	1.00	ug/L	10/10/25 18:59	VX101025
106-46-7	1,4-Dichlorobenzene	18.6		1	0.19	0.50	1.00	ug/L	10/10/25 18:59	VX101025
95-50-1	1,2-Dichlorobenzene	18.7		1	0.16	0.50	1.00	ug/L	10/10/25 18:59	VX101025
96-12-8	1,2-Dibromo-3-Chloropropane	16.5		1	0.53	0.75	1.00	ug/L	10/10/25 18:59	VX101025
120-82-1	1,2,4-Trichlorobenzene	17.1		1	0.20	0.50	1.00	ug/L	10/10/25 18:59	VX101025
87-61-6	1,2,3-Trichlorobenzene	17.6		1	0.20	0.75	1.00	ug/L	10/10/25 18:59	VX101025
SURROGATES										
17060-07-0	1,2-Dichloroethane-d4	52.3			81 - 118		105%	SPK: 50		
1868-53-7	Dibromofluoromethane	55.6			80 - 119		111%	SPK: 50		
2037-26-5	Toluene-d8	54.5			89 - 112		109%	SPK: 50		
460-00-4	4-Bromofluorobenzene	55.6			85 - 114		111%	SPK: 50		
INTERNAL STANDARDS		**Area Count**								
363-72-4	Pentafluorobenzene	123000								
540-36-3	1,4-Difluorobenzene	213000								
3114-55-4	Chlorobenzene-d5	198000								
3855-82-1	1,4-Dichlorobenzene-d4	102000								

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 : VX048122.D
Acq On : 10 Oct 2025 18:59
Operator : JC/MD
Sample : VX1010WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 10 22:57:26 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 :
VX1010WBSD01

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	5.543	168	122969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	213051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	198272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	102458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102286	52.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.520%			
35) Dibromofluoromethane	5.373	113	79482	55.627	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.260%			
50) Toluene-d8	8.634	98	269239	54.457	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.920%			
62) 4-Bromofluorobenzene	11.061	95	104255	55.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	28387	22.293	ug/l	100
3) Chloromethane	1.300	50	32306	19.304	ug/l	98
4) Vinyl Chloride	1.379	62	34653	21.153	ug/l	98
5) Bromomethane	1.623	94	22455	21.616	ug/l	93
6) Chloroethane	1.696	64	22906	20.920	ug/l	97
7) Trichlorofluoromethane	1.898	101	51989	21.373	ug/l	95
8) Diethyl Ether	2.135	74	19848	19.947	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	30562	21.488	ug/l	98
10) Methyl Iodide	2.459	142	35276	15.903	ug/l	99
11) Tert butyl alcohol	2.940	59	18117	83.107	ug/l	97
12) 1,1-Dichloroethene	2.324	96	29672	20.309	ug/l	93
13) Acrolein	2.239	56	19707	98.099	ug/l	96
14) Allyl chloride	2.672	41	54399	18.044	ug/l	99
15) Acrylonitrile	3.062	53	76456	94.685	ug/l	98
16) Acetone	2.379	43	58526	68.768	ug/l	93
17) Carbon Disulfide	2.519	76	89228	22.309	ug/l	99
18) Methyl Acetate	2.702	43	30779	16.250	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	99412	18.640	ug/l	98
20) Methylene Chloride	2.794	84	36764	20.408	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	31853	20.251	ug/l	100
22) Diisopropyl ether	3.757	45	113845	19.485	ug/l	99
23) Vinyl Acetate	3.721	43	445892	95.352	ug/l	100
24) 1,1-Dichloroethane	3.611	63	63188	20.347	ug/l	99
25) 2-Butanone	4.544	43	87525	82.447	ug/l	98
26) 2,2-Dichloropropane	4.470	77	42939	16.634	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	37868	19.658	ug/l	97
28) Bromochloromethane	4.891	49	34479	25.432	ug/l	98
29) Tetrahydrofuran	4.995	42	54657	85.585	ug/l	98
30) Chloroform	5.080	83	63817	20.336	ug/l	99
31) Cyclohexane	5.464	56	52815	20.420	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	54770	20.576	ug/l	99
36) 1,1-Dichloropropene	5.684	75	43313	20.745	ug/l	99
37) Ethyl Acetate	4.696	43	38813	17.362	ug/l	99
38) Carbon Tetrachloride	5.671	117	47951	21.138	ug/l	99
39) Methylcyclohexane	7.366	83	49771	21.000	ug/l	98
40) Benzene	6.025	78	132225	20.851	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048122.D
Acq On : 10 Oct 2025 18:59
Operator : JC/MD
Sample : VX1010WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 10 22:57:26 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 :
VX1010WBSD01

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	4.909	41	21336	18.487	ug/l		99
42) 1,2-Dichloroethane	6.074	62	49566	20.543	ug/l		100
43) Isopropyl Acetate	6.330	43	64119	17.488	ug/l		99
44) Trichloroethene	7.116	130	32373	21.116	ug/l		90
45) 1,2-Dichloropropane	7.415	63	33915	20.886	ug/l		100
46) Dibromomethane	7.567	93	24338	20.597	ug/l		96
47) Bromodichloromethane	7.811	83	51713	21.208	ug/l		99
48) Methyl methacrylate	7.677	41	32305	17.689	ug/l		97
49) 1,4-Dioxane	7.647	88	7099	384.638	ug/l		95
51) 4-Methyl-2-Pentanone	8.561	43	191826	94.365	ug/l		98
52) Toluene	8.707	92	82922	21.224	ug/l		98
53) t-1,3-Dichloropropene	8.963	75	48049	19.319	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	52911	19.903	ug/l		99
55) 1,1,2-Trichloroethane	9.140	97	31068	20.623	ug/l		99
56) Ethyl methacrylate	9.104	69	43362	18.328	ug/l		98
57) 1,3-Dichloropropane	9.293	76	55399	21.407	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	101928	97.319	ug/l		100
59) 2-Hexanone	9.415	43	128252	87.846	ug/l		100
60) Dibromochloromethane	9.506	129	37213	21.438	ug/l		97
61) 1,2-Dibromoethane	9.598	107	33204	21.639	ug/l		99
64) Tetrachloroethene	9.256	164	28329	21.918	ug/l		96
65) Chlorobenzene	10.061	112	90357	20.060	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	31346	20.167	ug/l		98
67) Ethyl Benzene	10.177	91	155443	20.001	ug/l		98
68) m/p-Xylenes	10.286	106	118146	40.842	ug/l		99
69) o-Xylene	10.628	106	55817	19.949	ug/l		99
70) Styrene	10.640	104	95886	19.558	ug/l		99
71) Bromoform	10.780	173	22879	19.713	ug/l	#	98
73) Isopropylbenzene	10.945	105	143317	18.399	ug/l		98
74) N-amyl acetate	10.829	43	56006	15.767	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42709	18.122	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	37260m	17.961	ug/l		
77) Bromobenzene	11.183	156	36050	18.791	ug/l		97
78) n-propylbenzene	11.286	91	174677	18.970	ug/l		100
79) 2-Chlorotoluene	11.347	91	104492	18.528	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	121164	18.933	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	11723	14.411	ug/l		97
82) 4-Chlorotoluene	11.439	91	125288	18.809	ug/l		100
83) tert-Butylbenzene	11.701	119	120020	18.320	ug/l		99
84) 1,2,4-Trimethylbenzene	11.731	105	121236	18.685	ug/l		98
85) sec-Butylbenzene	11.871	105	146476	18.823	ug/l		100
86) p-Isopropyltoluene	11.993	119	125119	18.992	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	66760	18.735	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	67941	18.577	ug/l		98
89) n-Butylbenzene	12.317	91	113549	18.627	ug/l		98
90) Hexachloroethane	12.518	117	23252	20.103	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	63334	18.656	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7858	16.469	ug/l		98
93) 1,2,4-Trichlorobenzene	13.566	180	37719	17.095	ug/l		99
94) Hexachlorobutadiene	13.707	225	14901	19.883	ug/l		96
95) Naphthalene	13.755	128	106235	15.812	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	36153	17.615	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048122.D
Acq On : 10 Oct 2025 18:59
Operator : JC/MD
Sample : VX1010WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 10 22:57:26 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 :
VX1010WBSD01

Manual Integrations APPROVED

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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\VX101025\
Data File : VX048122.D
Acq On : 10 Oct 2025 18:59
Operator : JC/MD
Sample : VX1010WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 10 22:57:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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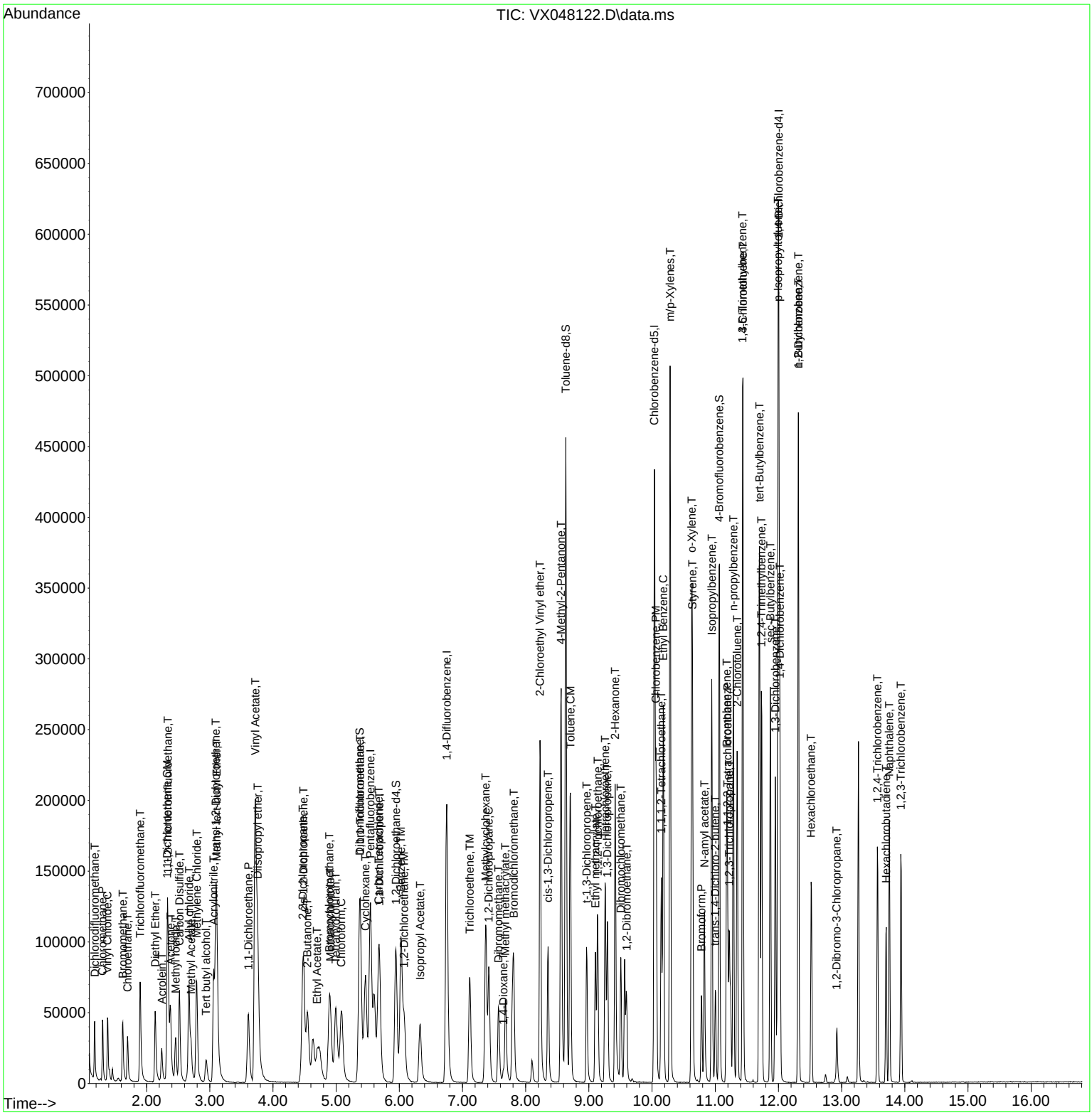
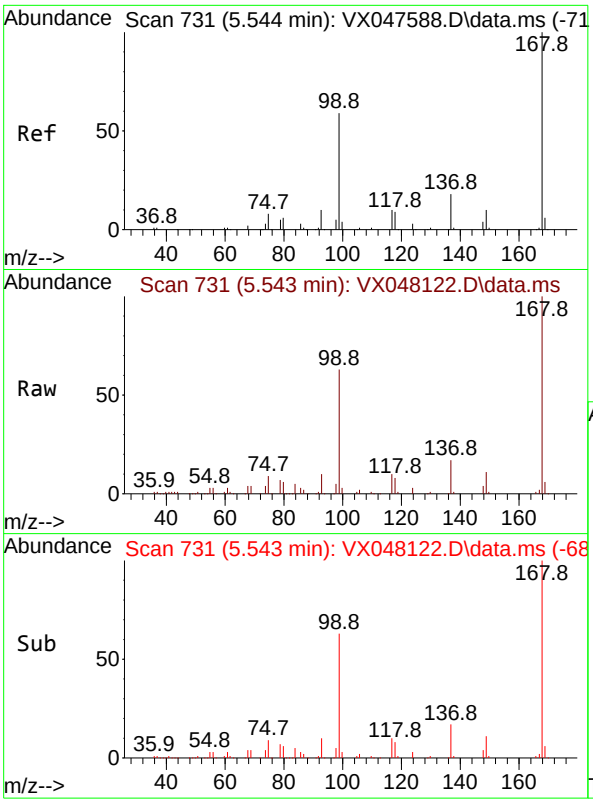
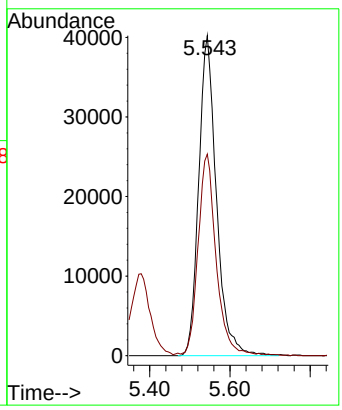




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:168 Resp: 12296

Ion	Ratio	Lower	Upper
168	100		
99	62.7	48.8	73.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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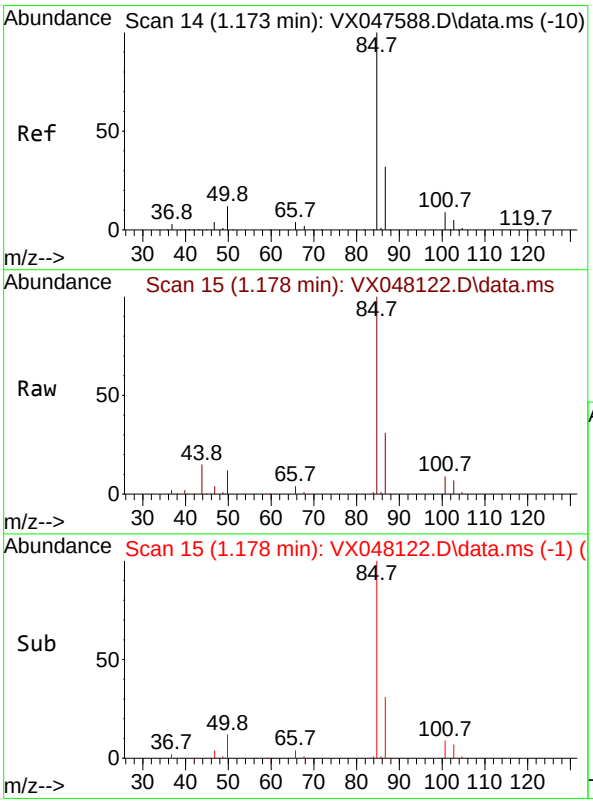
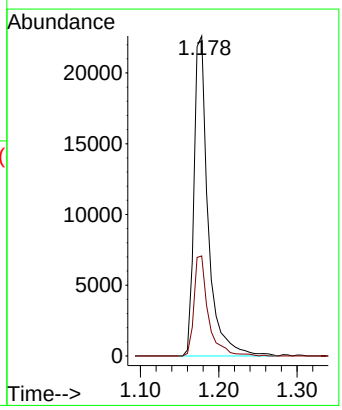
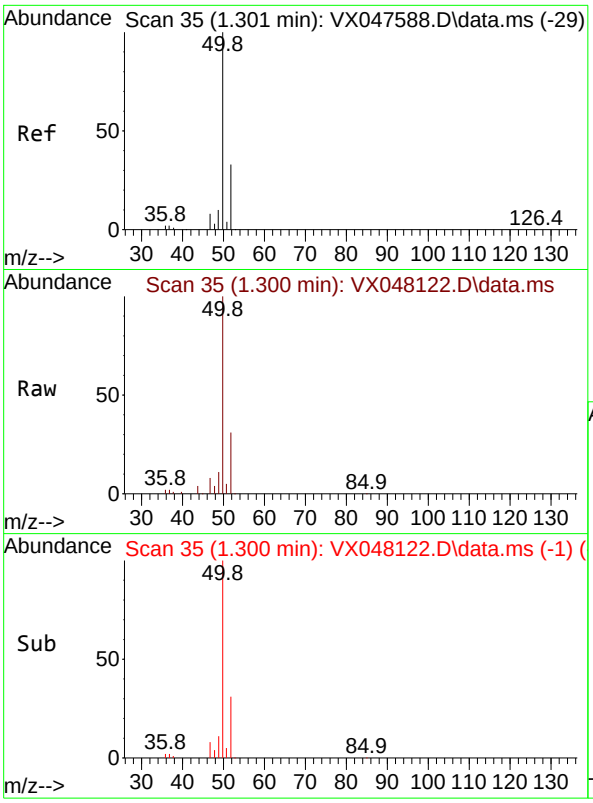


#2
Dichlorodifluoromethane
Concen: 22.293 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 85 Resp: 28387

Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.8	47.3

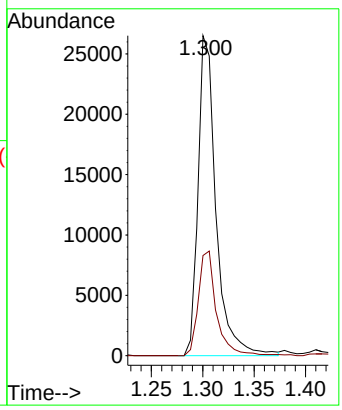




#3
Chloromethane
Concen: 19.304 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 50 Resp: 3230

Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.1	39.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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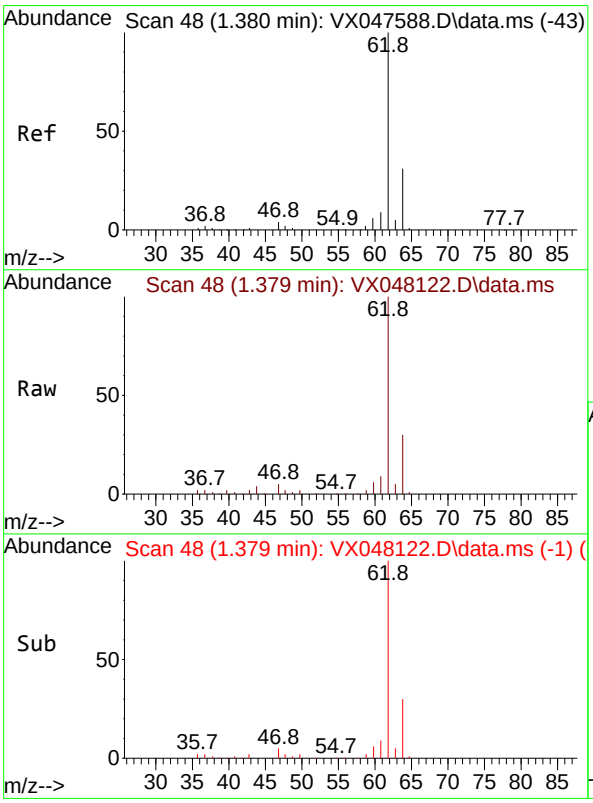
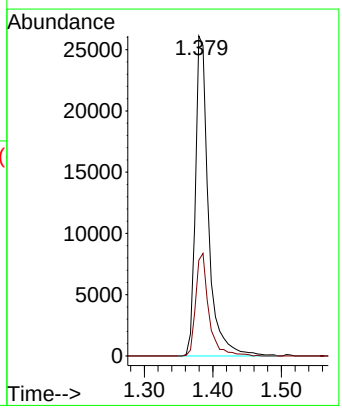
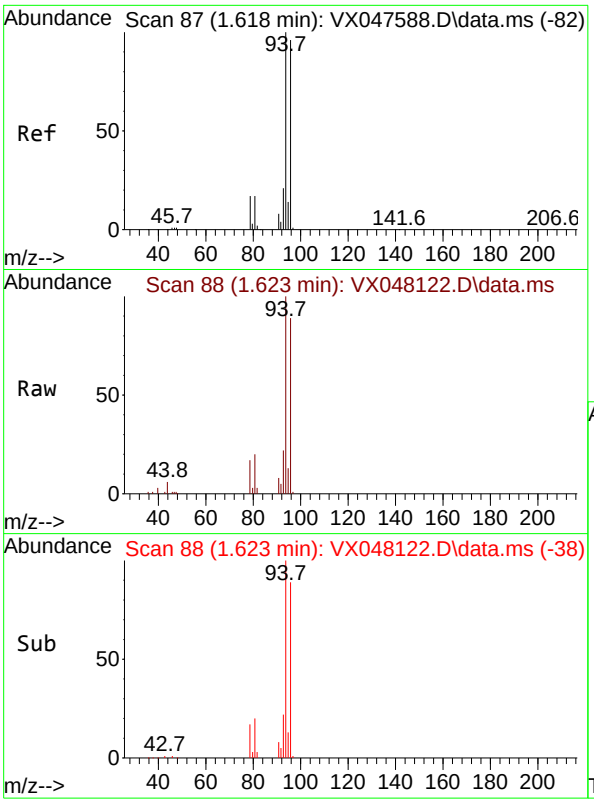


#4
Vinyl Chloride
Concen: 21.153 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 62 Resp: 34653

Ion	Ratio	Lower	Upper
62	100		
64	30.0	24.9	37.3

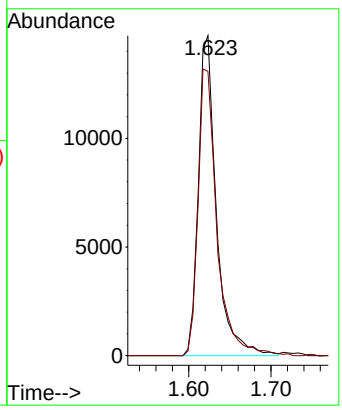




#5
Bromomethane
Concen: 21.616 ug/l
RT: 1.623 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 94 Resp: 2245

Ion	Ratio	Lower	Upper
94	100		
96	88.9	76.6	115.0



Instrument :
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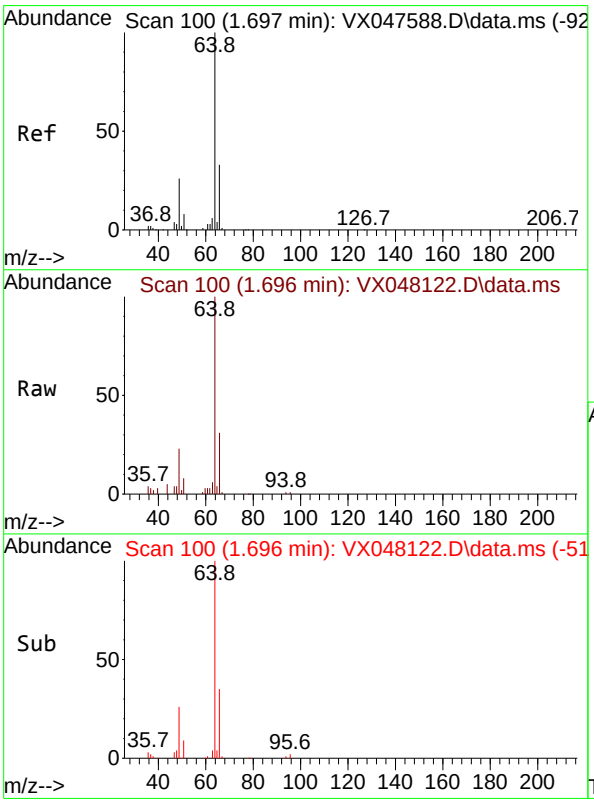
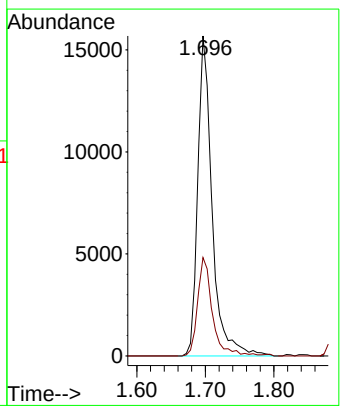
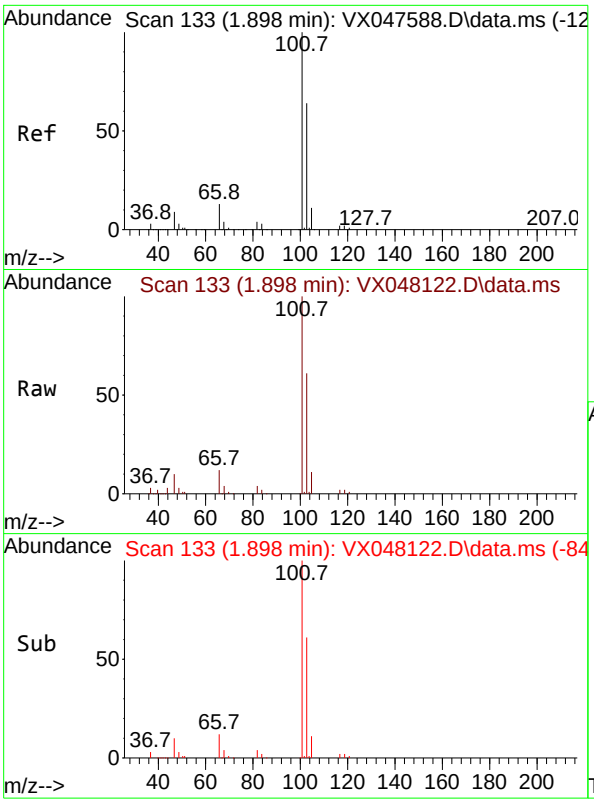


#6
Chloroethane
Concen: 20.920 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 64 Resp: 22906

Ion	Ratio	Lower	Upper
64	100		
66	30.8	26.1	39.1





#7
Trichlorofluoromethane
Concen: 21.373 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:101 Resp: 5198

Ion	Ratio	Lower	Upper
101	100		
103	60.6	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
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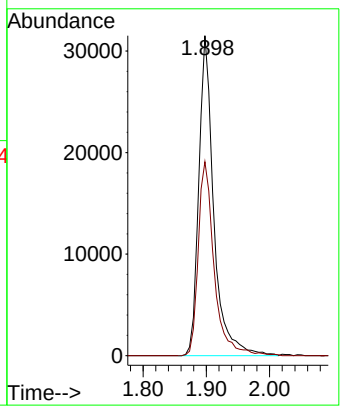
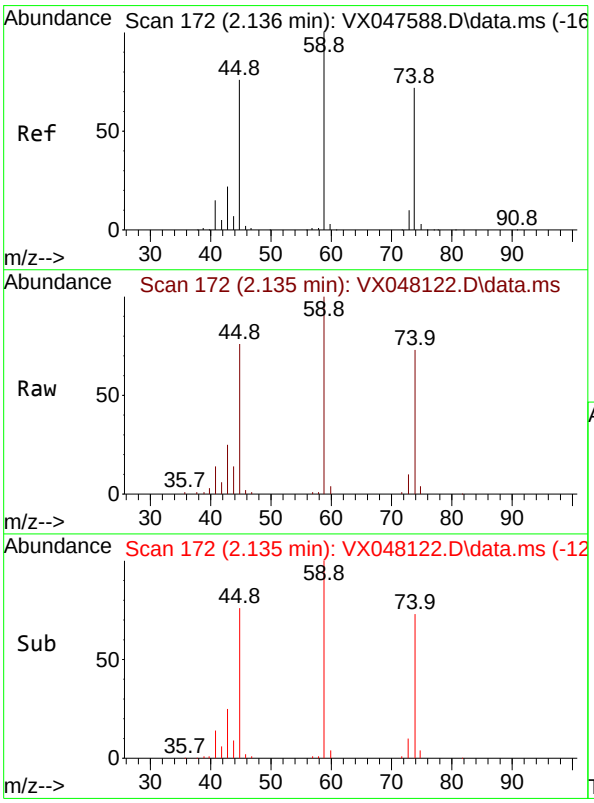
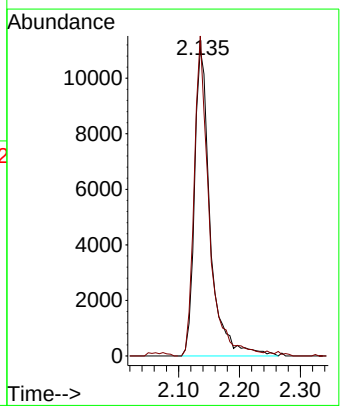


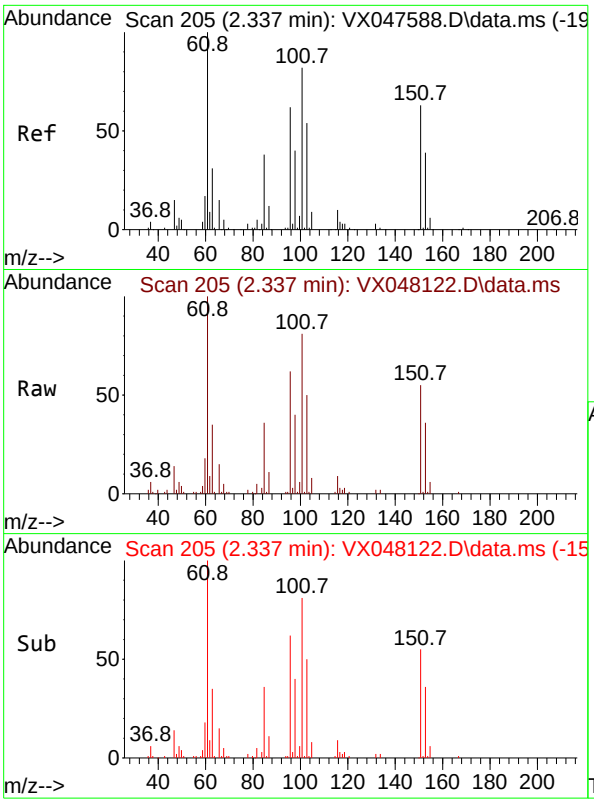


#8
Diethyl Ether
Concen: 19.947 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 74 Resp: 19848

Ion	Ratio	Lower	Upper
74	100		
45	99.1	52.3	156.8

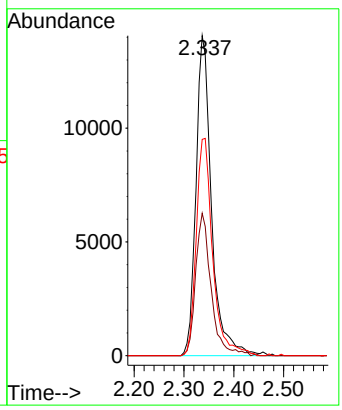




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.488 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:101 Resp: 3056

Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.5	53.3
151	71.7	59.4	89.0



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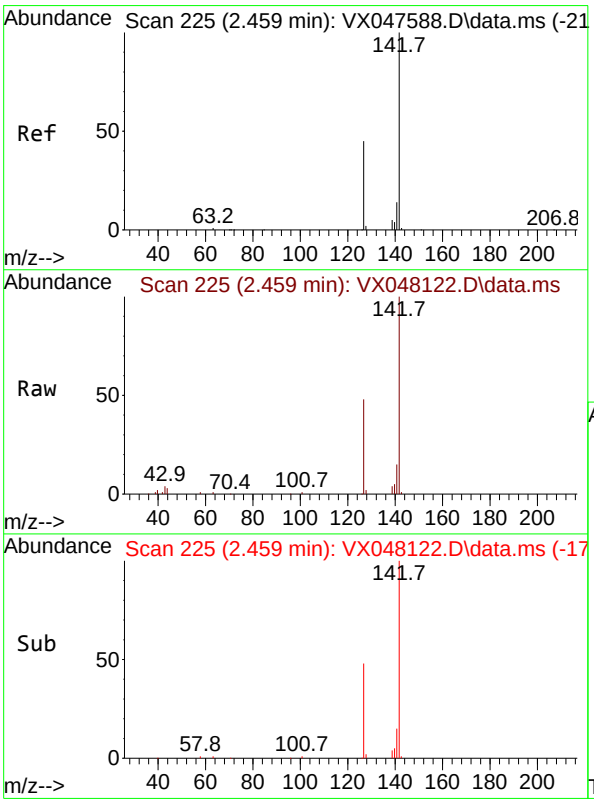
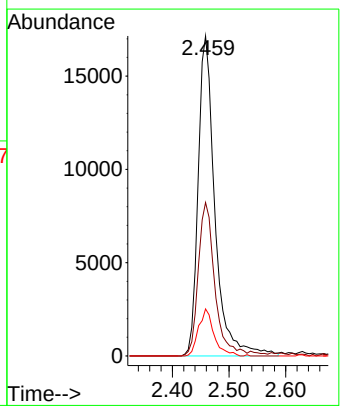
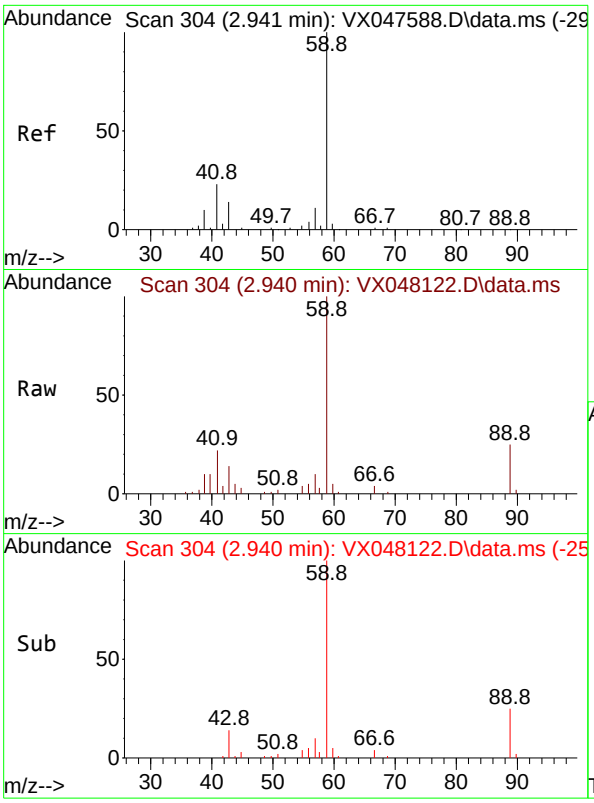


#10
Methyl Iodide
Concen: 15.903 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:142 Resp: 35276

Ion	Ratio	Lower	Upper
142	100		
127	47.0	37.2	55.8
141	13.5	11.4	17.0

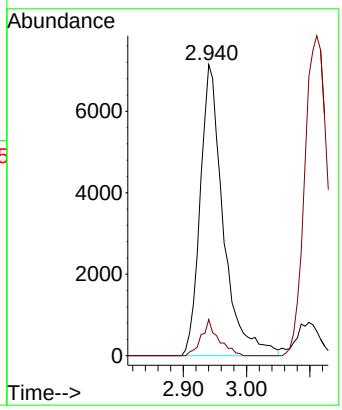




#11
Tert butyl alcohol
Concen: 83.107 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 59 Resp: 1811

Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.3	12.5



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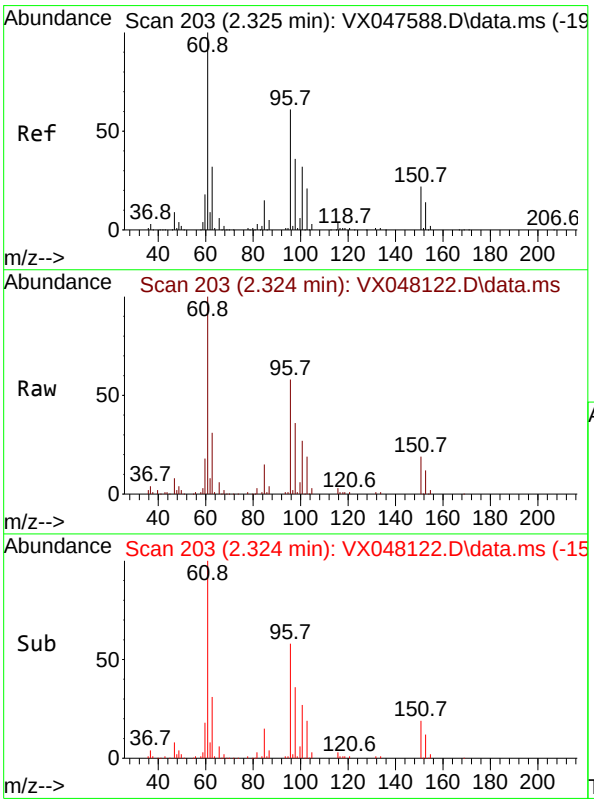
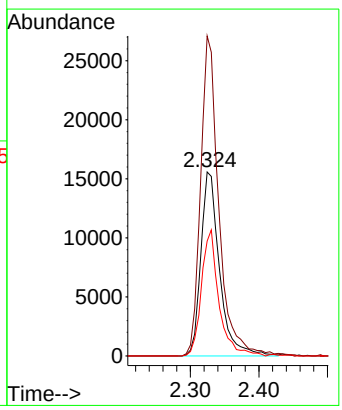
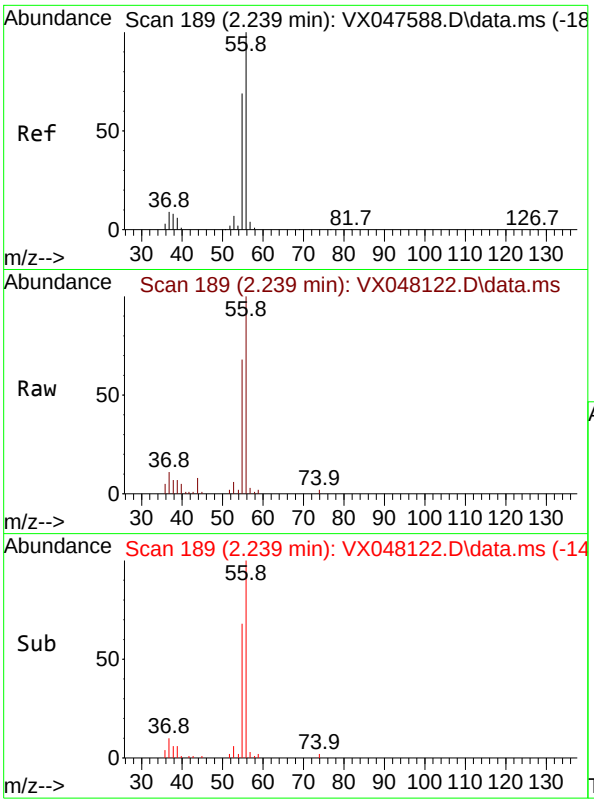


#12
1,1-Dichloroethene
Concen: 20.309 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 96 Resp: 29672

Ion	Ratio	Lower	Upper
96	100		
61	173.9	131.0	196.6
98	64.7	47.7	71.5

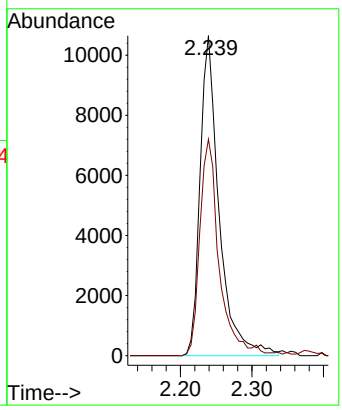




#13
Acrolein
Concen: 98.099 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 56 Resp: 1970

Ion	Ratio	Lower	Upper
56	100		
55	68.5	57.2	85.8



Instrument :
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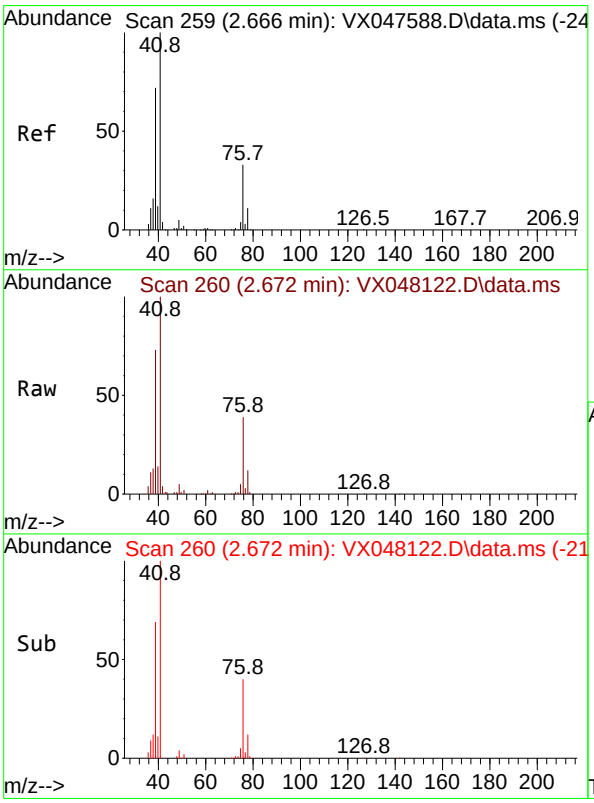
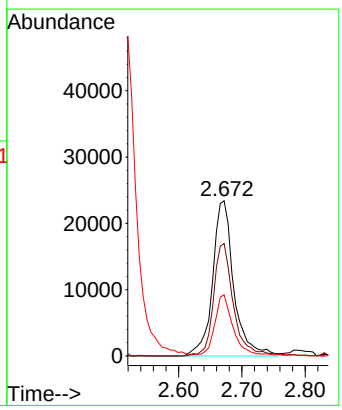
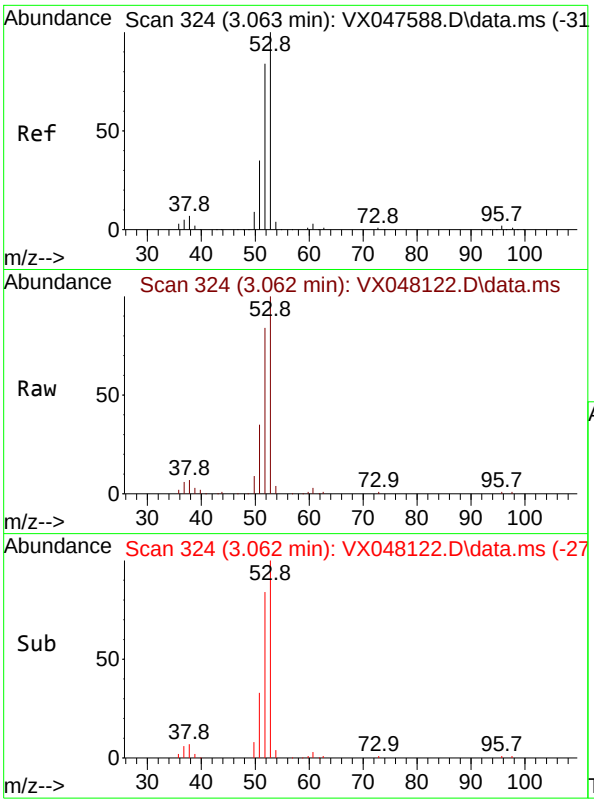


#14
Allyl chloride
Concen: 18.044 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 41 Resp: 54399

Ion	Ratio	Lower	Upper
41	100		
39	68.1	54.7	82.1
76	33.1	25.7	38.5

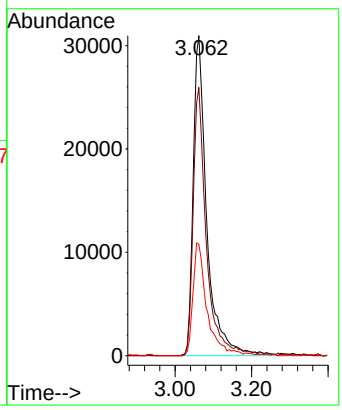




#15
Acrylonitrile
Concen: 94.685 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 53 Resp: 7645

Ion	Ratio	Lower	Upper
53	100		
52	80.7	66.4	99.6
51	36.1	29.5	44.3



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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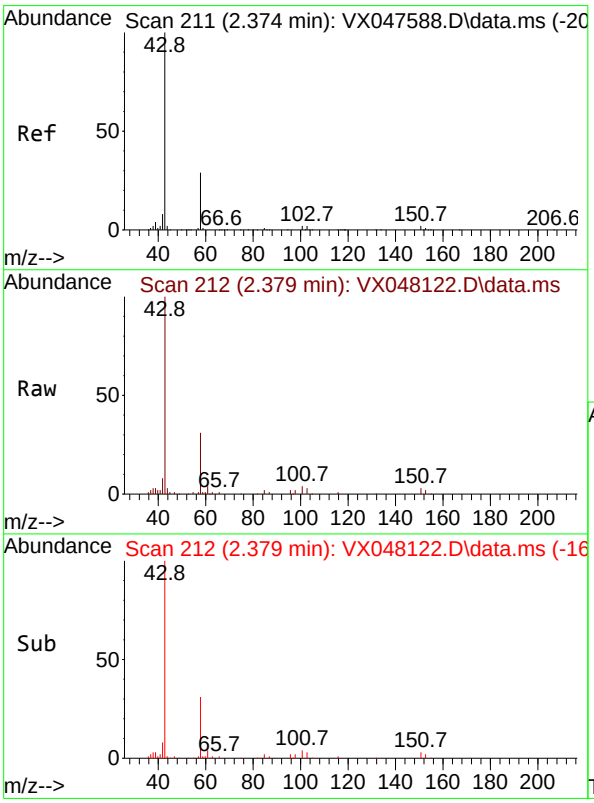
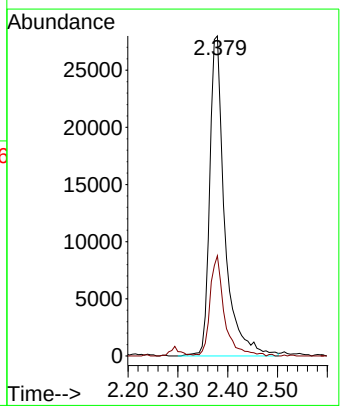
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

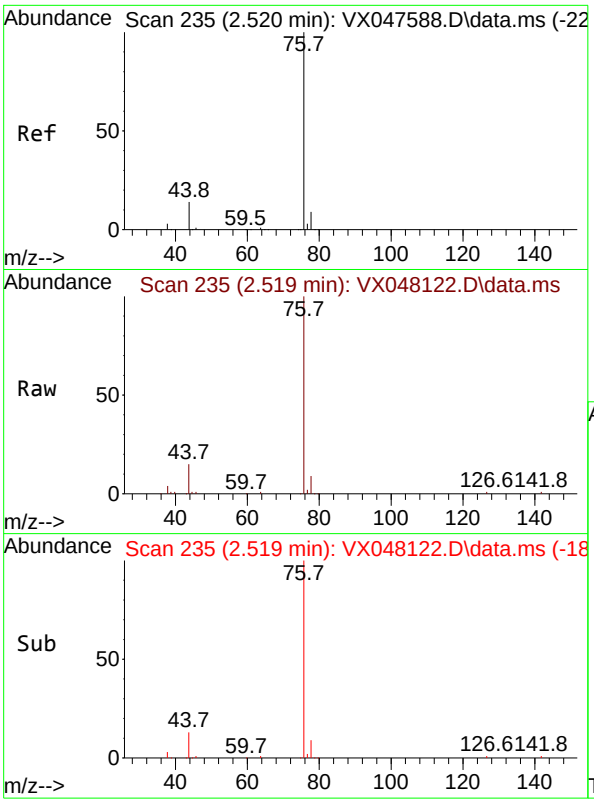


#16
Acetone
Concen: 68.768 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 58526

Ion	Ratio	Lower	Upper
43	100		
58	33.1	23.4	35.0

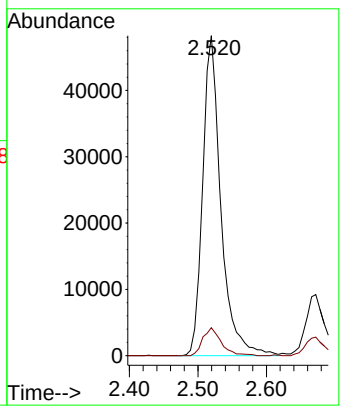




#17
Carbon Disulfide
Concen: 22.309 ug/l
RT: 2.519 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 76 Resp: 8922

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2



Instrument :
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ClientSampleId :
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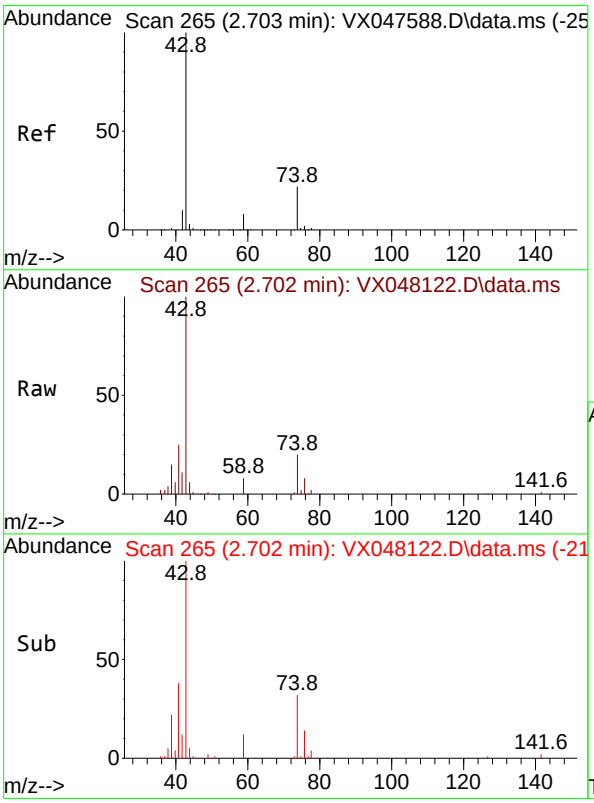
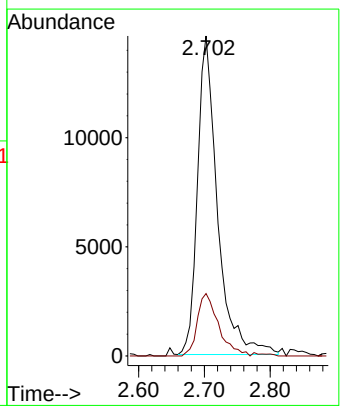
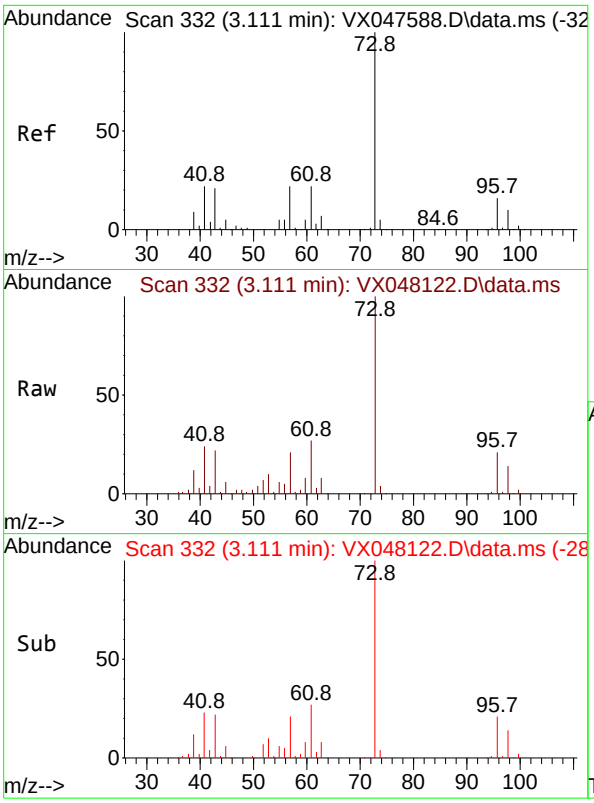


#18
Methyl Acetate
Concen: 16.250 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 30779

Ion	Ratio	Lower	Upper
43	100		
74	20.8	17.4	26.2

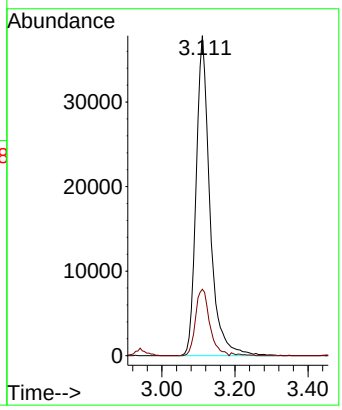




#19
Methyl tert-butyl Ether
Concen: 18.640 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 73 Resp: 9941

Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.4	26.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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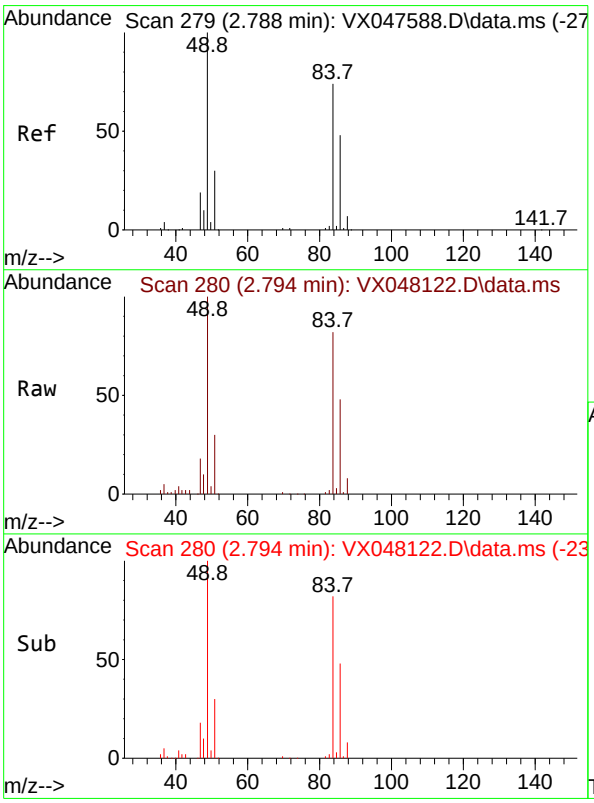
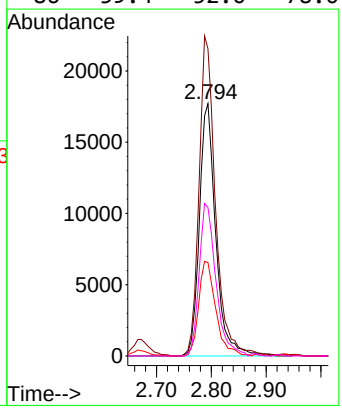
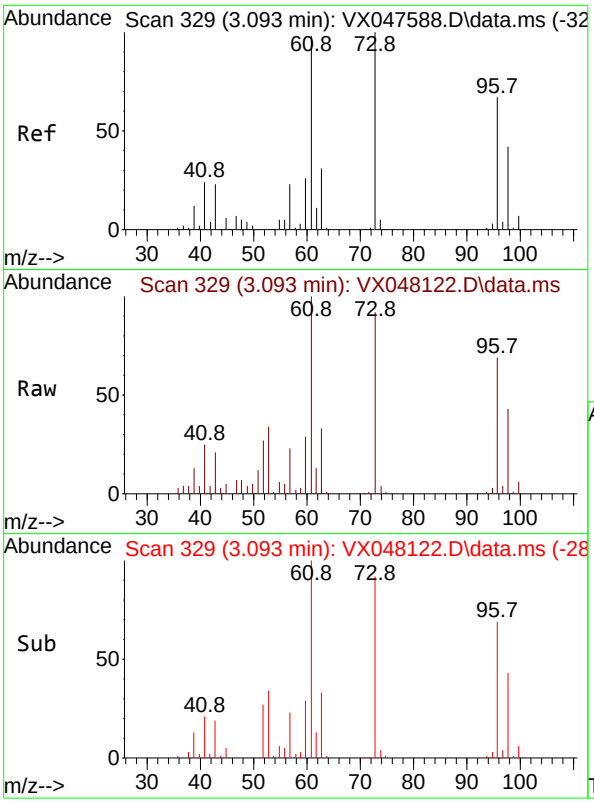


#20
Methylene Chloride
Concen: 20.408 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 84 Resp: 36764

Ion	Ratio	Lower	Upper
84	100		
49	121.7	108.6	162.8
51	37.0	32.6	48.8
86	59.4	52.0	78.0

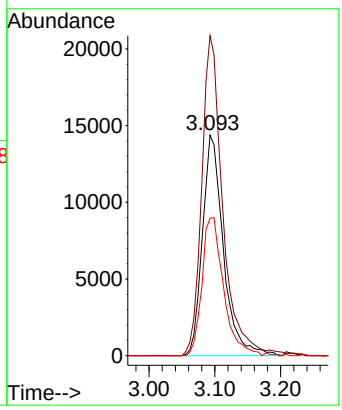




#21
trans-1,2-Dichloroethene
Concen: 20.251 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 96 Resp: 3185

Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	62.3	49.3	73.9



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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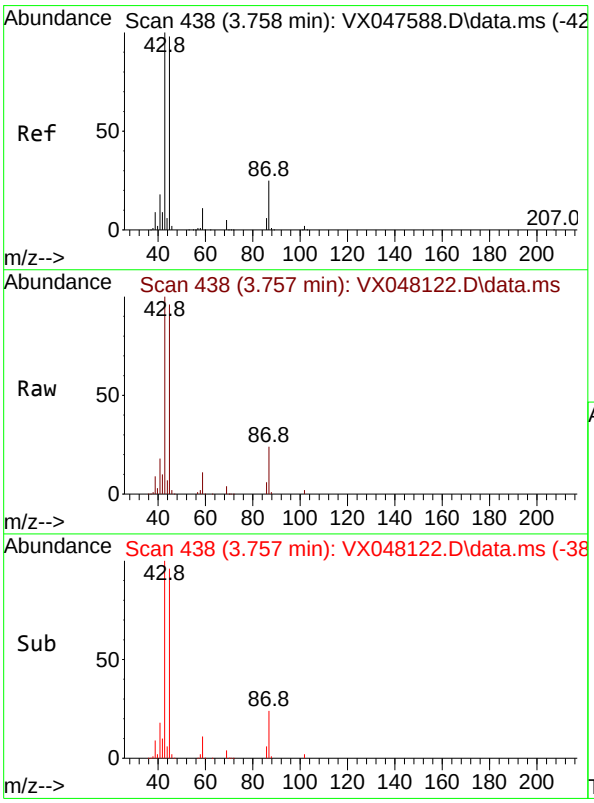
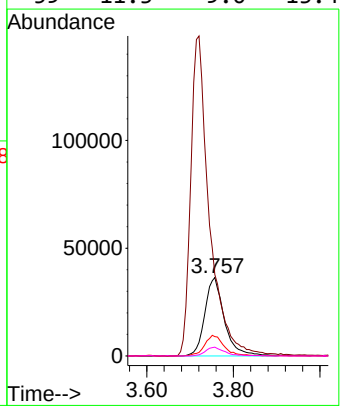
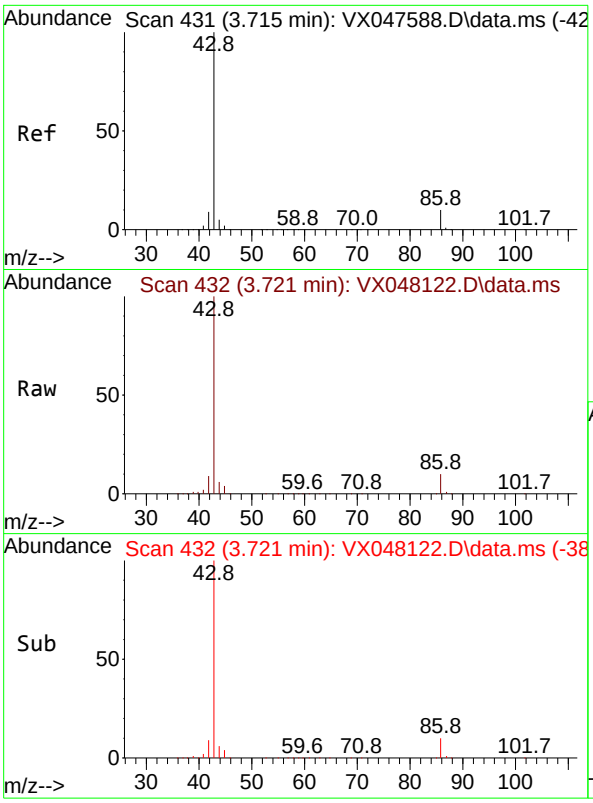


#22
Diisopropyl ether
Concen: 19.485 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 45 Resp: 113845

Ion	Ratio	Lower	Upper
45	100		
43	102.4	81.0	121.4
87	24.7	20.3	30.5
59	11.3	9.0	13.4





#23
Vinyl Acetate
Concen: 95.352 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 44589

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.8	11.8

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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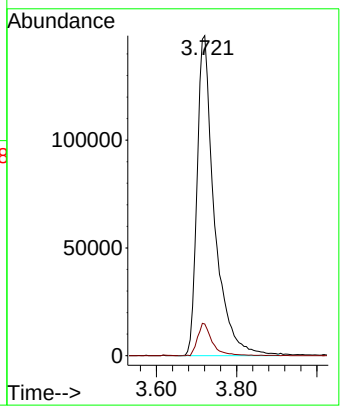
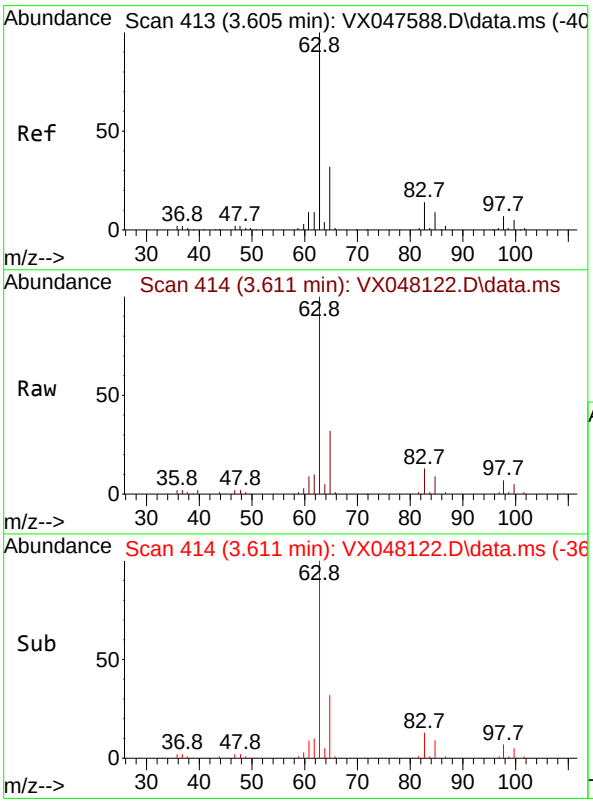
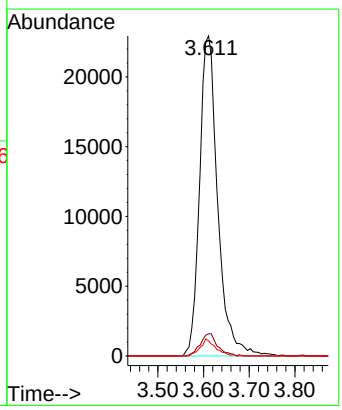


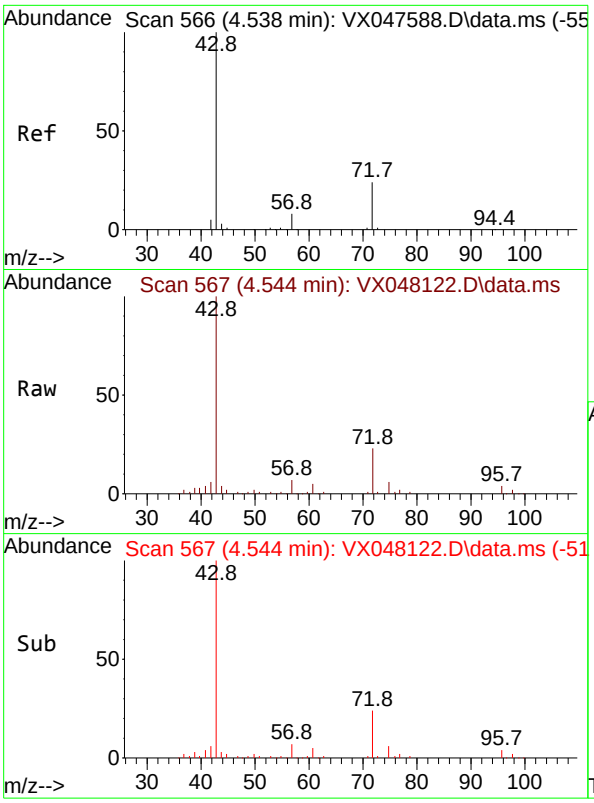


#24
1,1-Dichloroethane
Concen: 20.347 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 63 Resp: 63188

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.2
100	4.7	2.3	6.9





#25
2-Butanone
Concen: 82.447 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 8752

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.1	30.1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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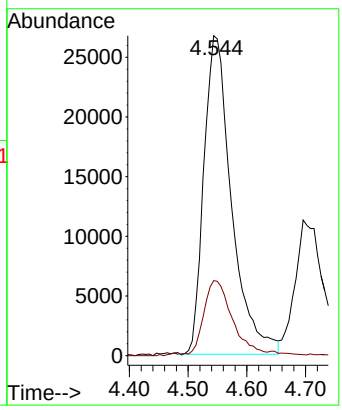
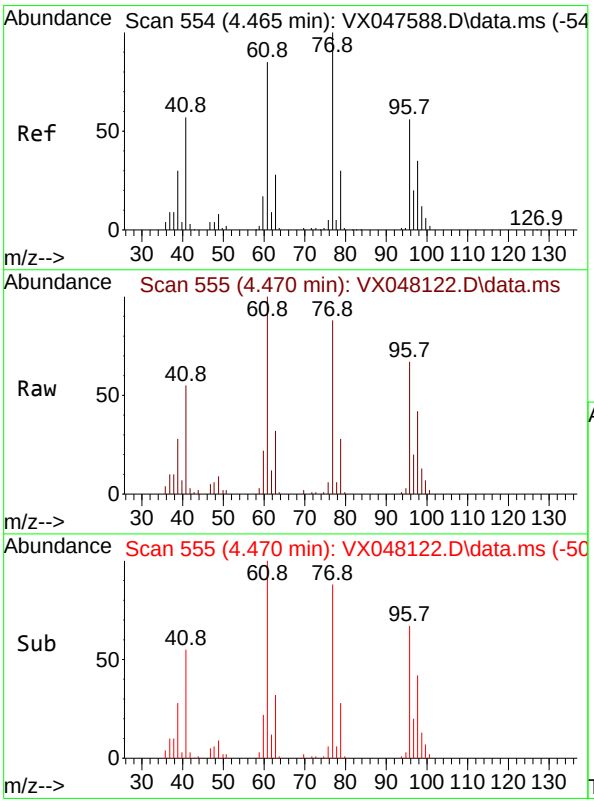
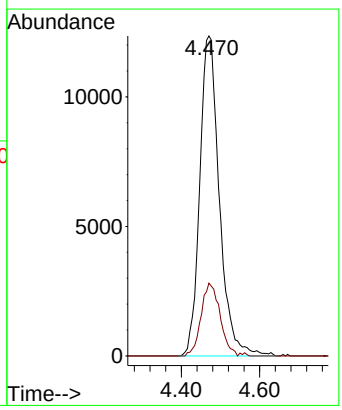


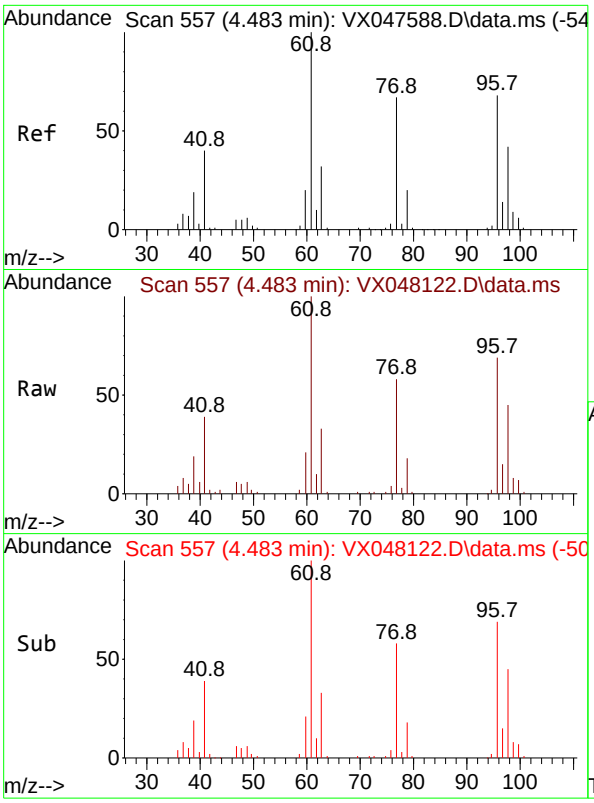


#26
2,2-Dichloropropane
Concen: 16.634 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 77 Resp: 42939

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7

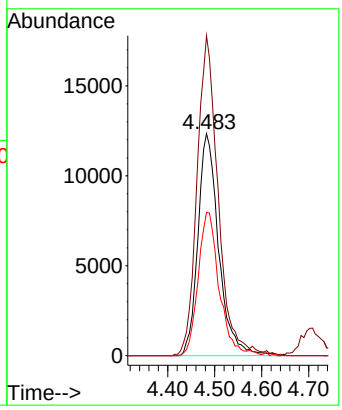




#27
cis-1,2-Dichloroethene
Concen: 19.658 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 96 Resp: 3786

Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	303.2
98	65.6	0.0	127.8



Instrument :
MSVOA_X
ClientSampleId :
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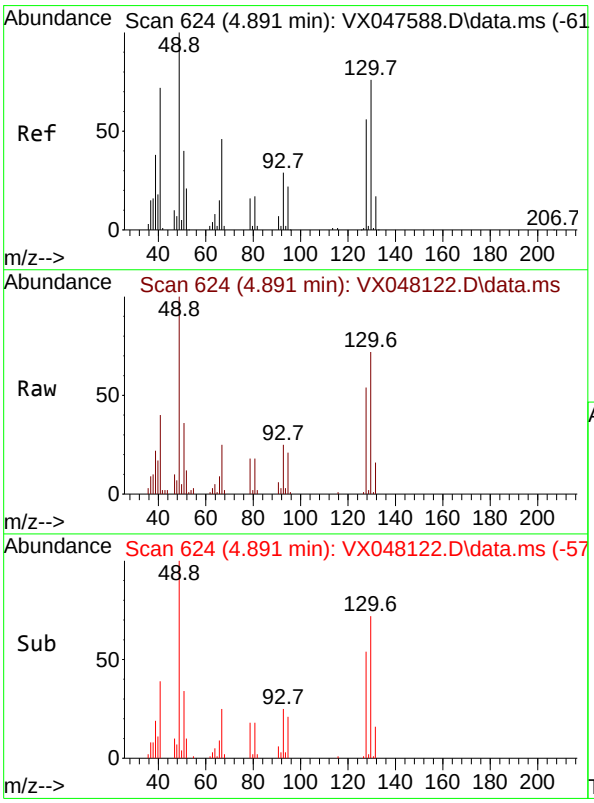
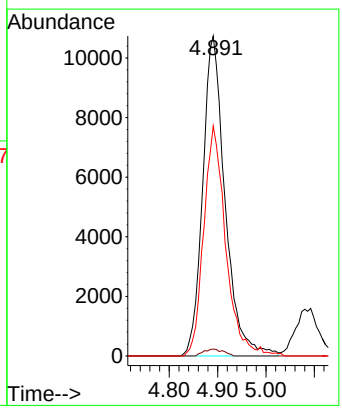
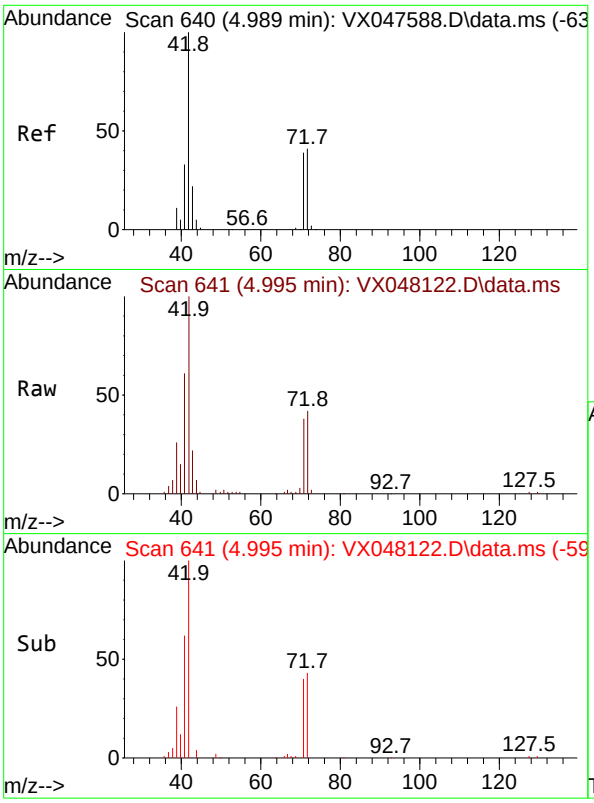


#28
Bromochloromethane
Concen: 25.432 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 49 Resp: 34479

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	70.8	57.8	86.8

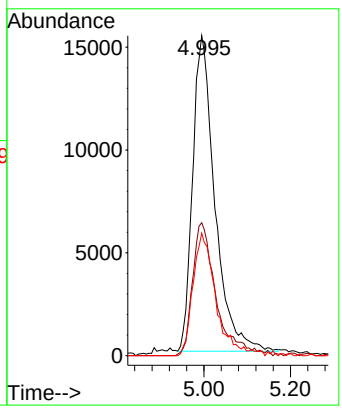




#29
Tetrahydrofuran
Concen: 85.585 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 42 Resp: 5465

Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.2	51.2
71	39.1	31.9	47.9



Instrument :
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ClientSampleId :
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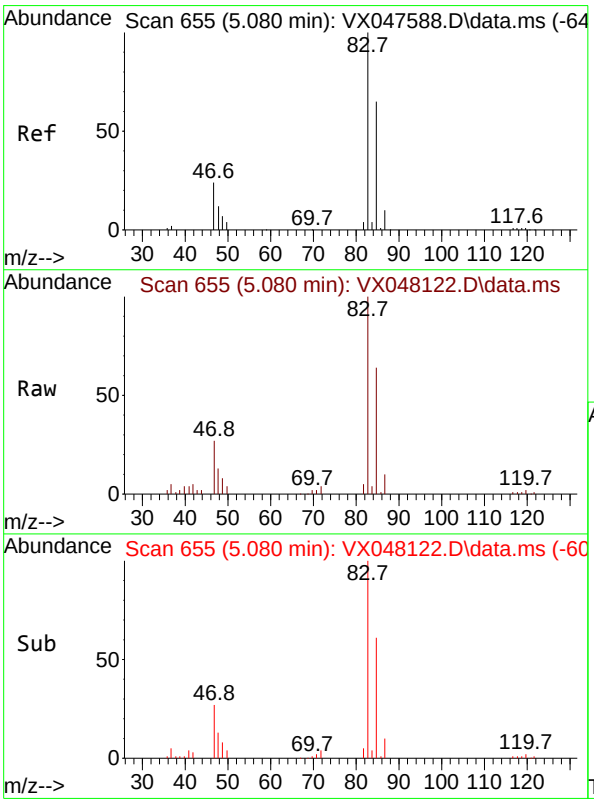
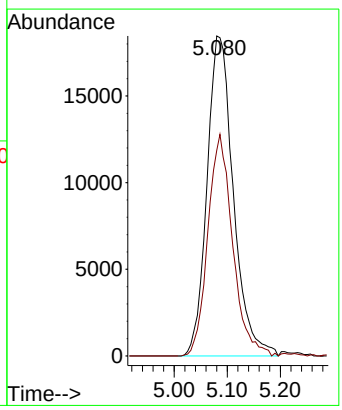
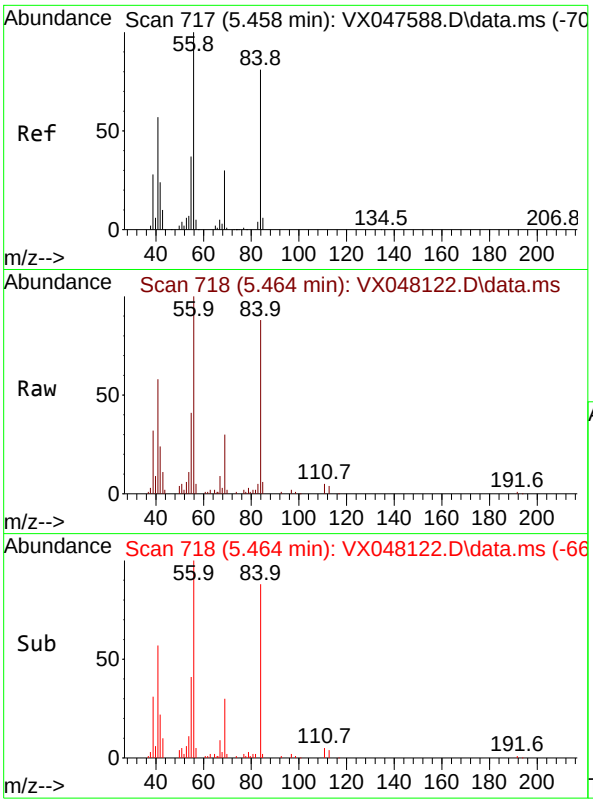


#30
Chloroform
Concen: 20.336 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 83 Resp: 63817

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6

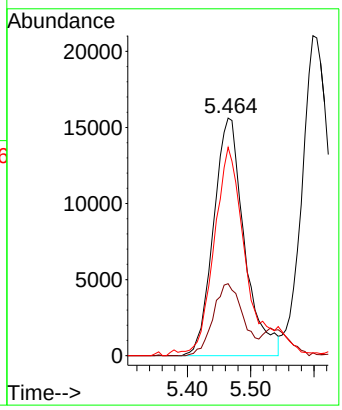




#31
Cyclohexane
Concen: 20.420 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 56 Resp: 5281

Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.8	35.8
84	86.3	64.6	97.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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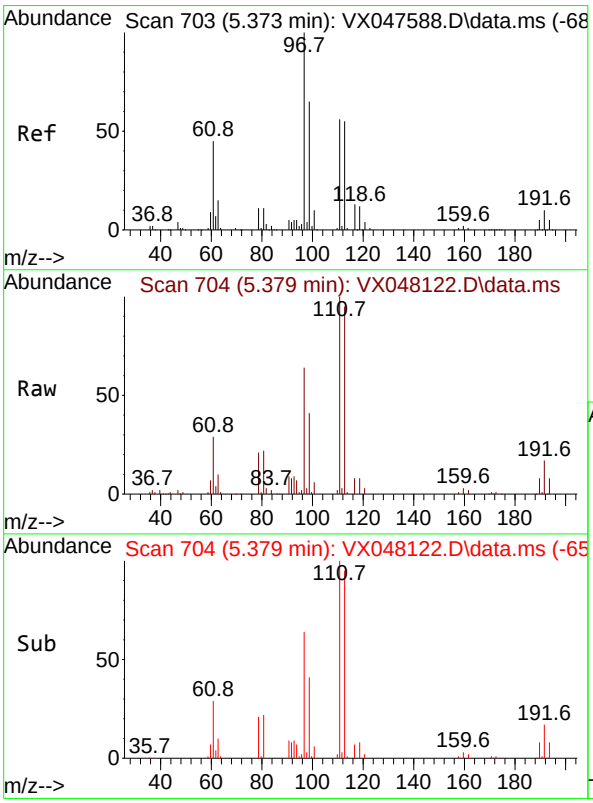
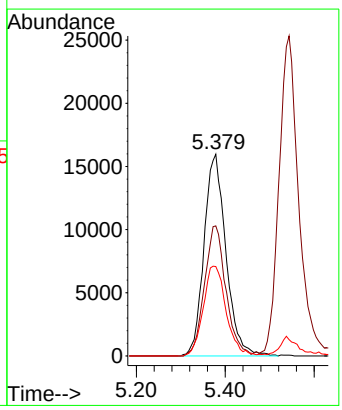
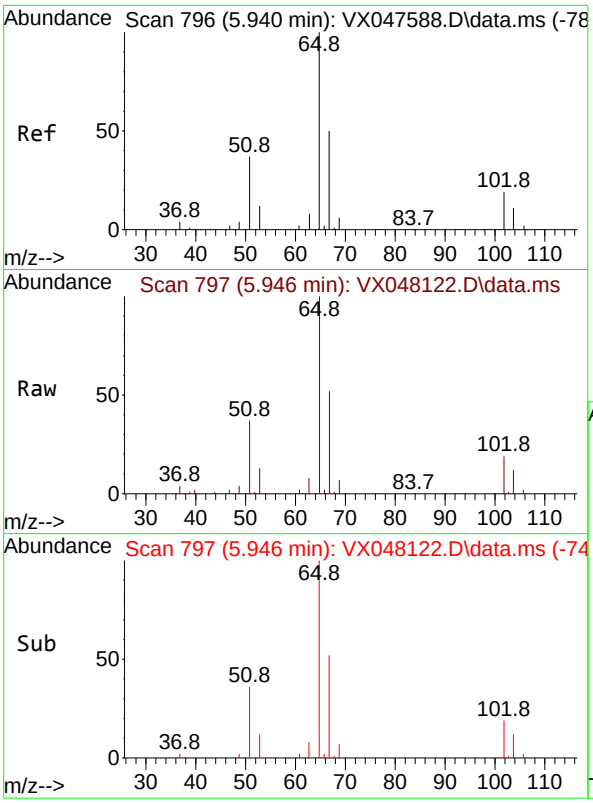


#32
1,1,1-Trichloroethane
Concen: 20.576 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 97 Resp: 54770

Ion	Ratio	Lower	Upper
97	100		
99	62.8	50.6	76.0
61	46.4	35.8	53.8

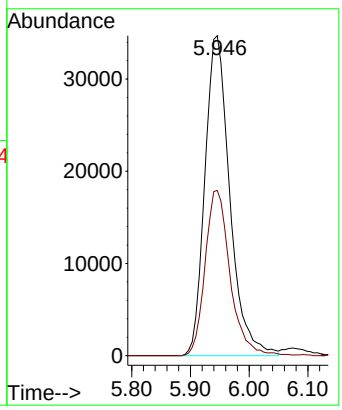




#33
1,2-Dichloroethane-d4
Concen: 52.257 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 65 Resp: 10228

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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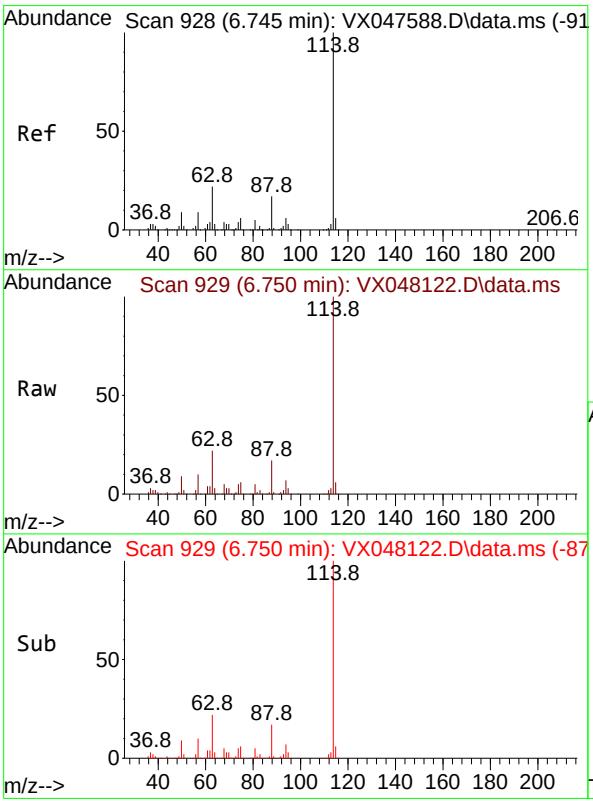
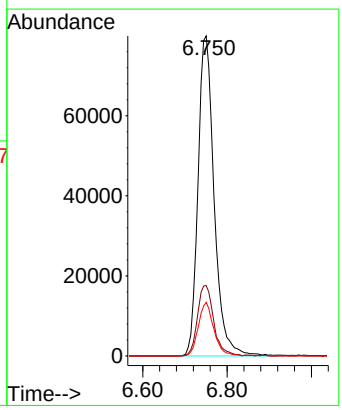
Supervised By :Mahesh Dadoda 10/13/2025

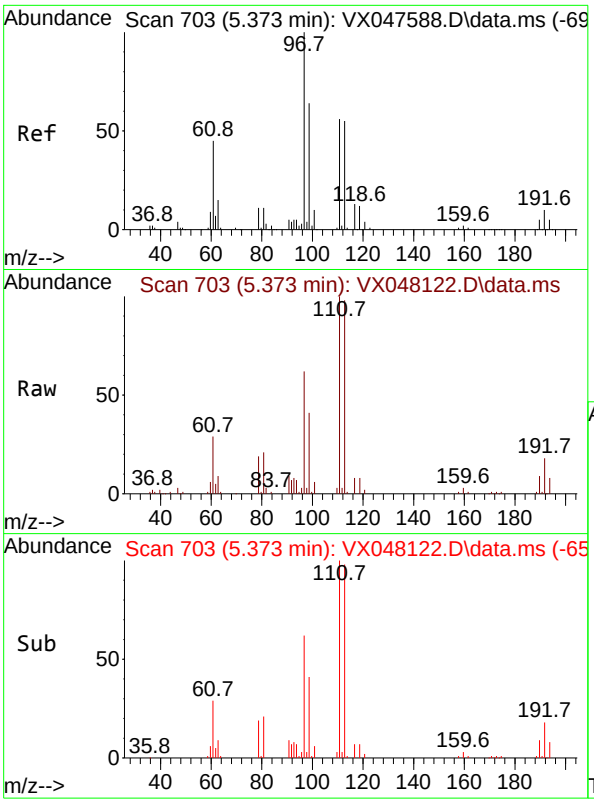


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:114 Resp: 213051

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	16.7	0.0	34.2

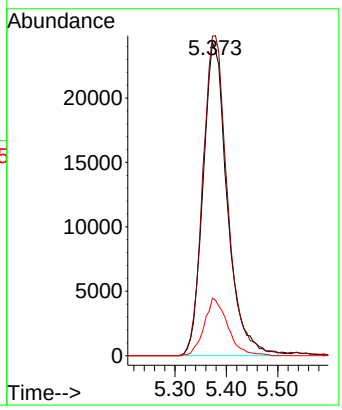




#35
Dibromofluoromethane
Concen: 55.627 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:113 Resp: 7948

Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.9	121.3
192	17.9	14.2	21.4



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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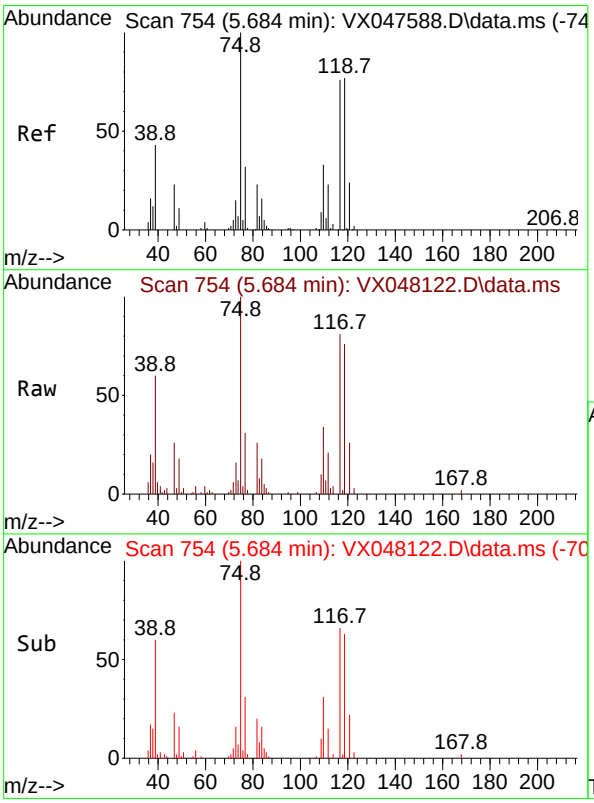
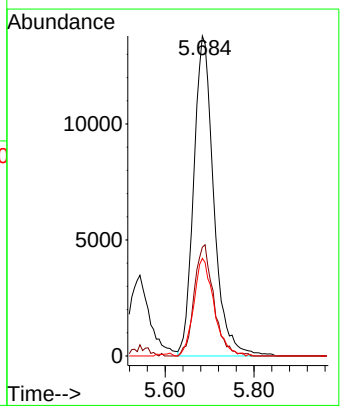
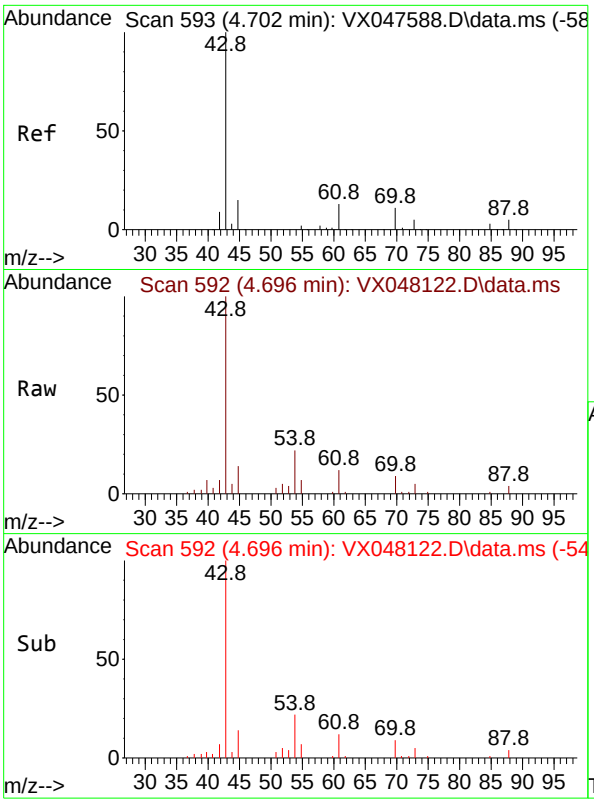


#36
1,1-Dichloropropene
Concen: 20.745 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 75 Resp: 43313

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.7	50.1
77	30.7	24.3	36.5





#37
Ethyl Acetate
Concen: 17.362 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 3881

Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.8	14.8
70	9.7	7.9	11.9

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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Reviewed By :John Carlone 10/13/2025
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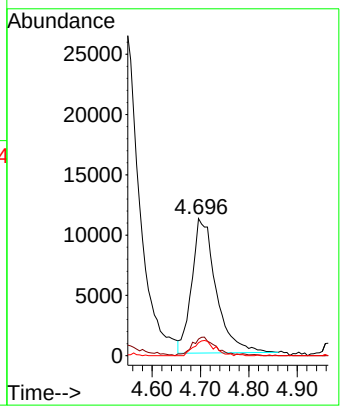
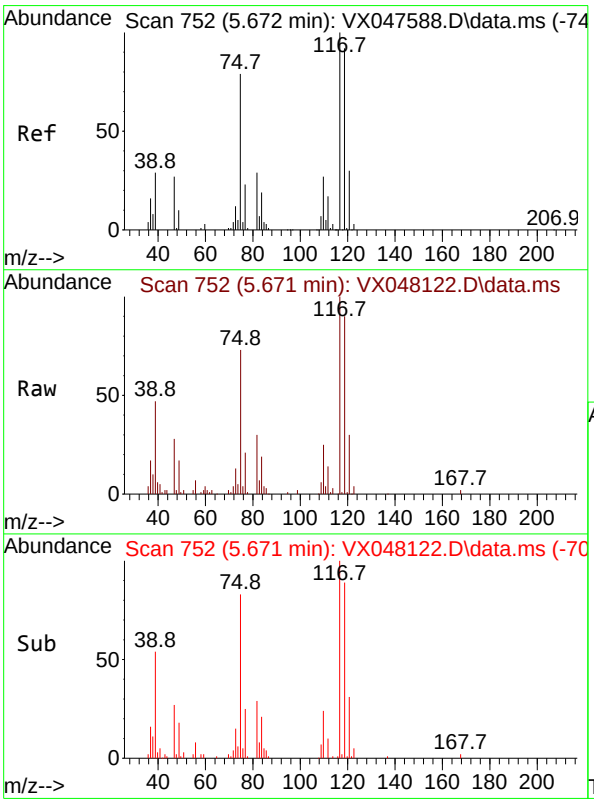
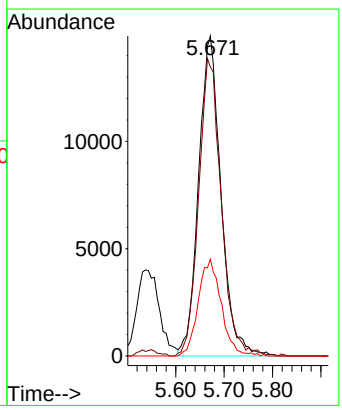


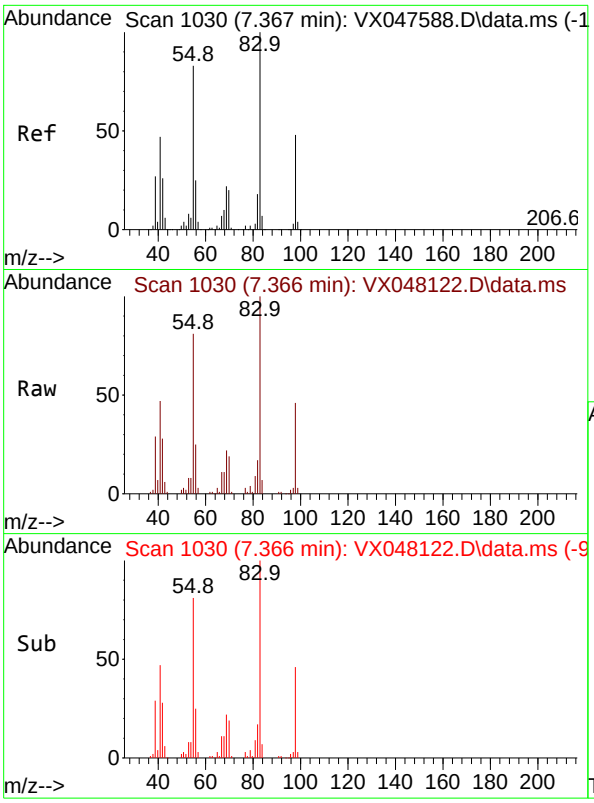


#38
Carbon Tetrachloride
Concen: 21.138 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:117 Resp: 47951

Ion	Ratio	Lower	Upper
117	100		
119	90.3	73.4	110.2
121	30.3	23.8	35.6

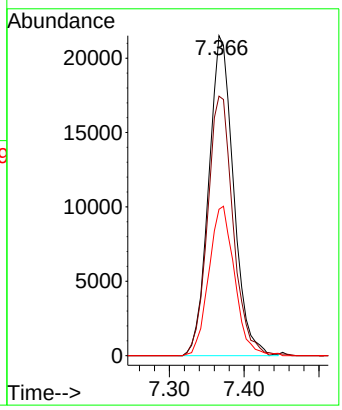




#39
Methylcyclohexane
Concen: 21.000 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 83 Resp: 4977

Ion	Ratio	Lower	Upper
83	100		
55	81.1	66.4	99.6
98	45.8	38.1	57.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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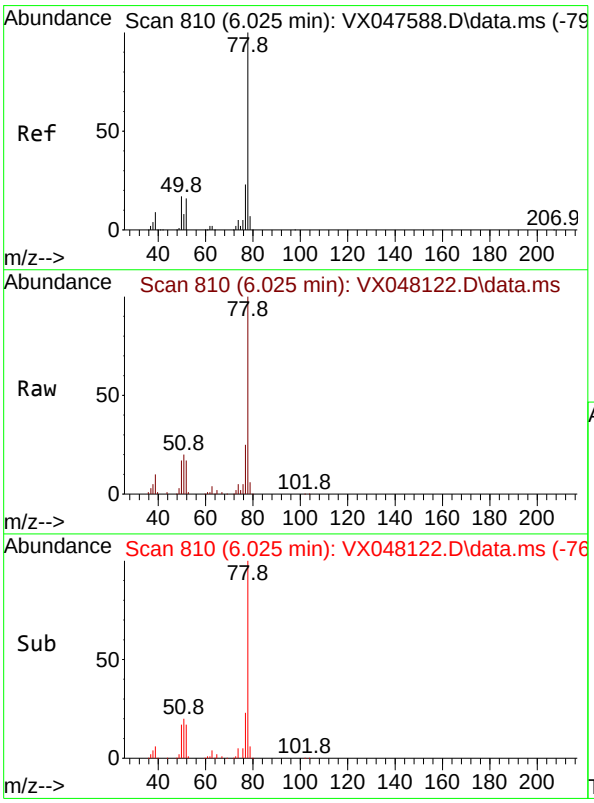
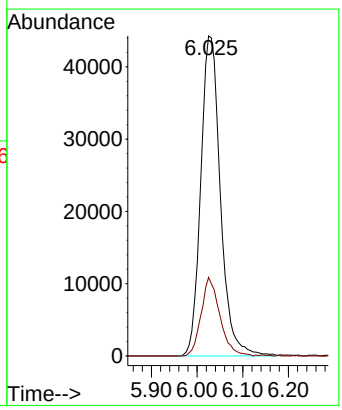
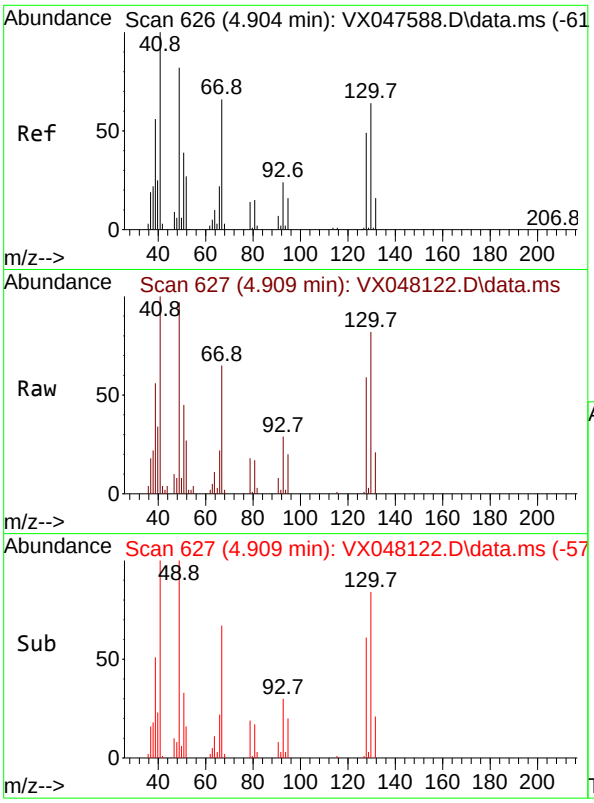


#40
Benzene
Concen: 20.851 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 78 Resp: 132225

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2

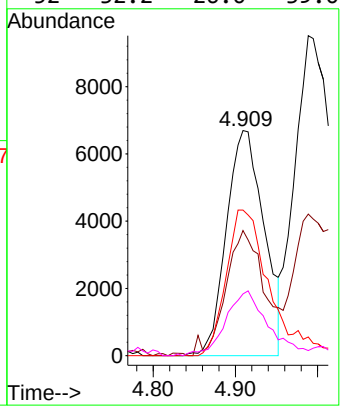




#41
Methacrylonitrile
Concen: 18.487 ug/l
RT: 4.909 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 41 Resp: 2133

Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.3	64.9
67	74.5	58.6	87.8
52	32.2	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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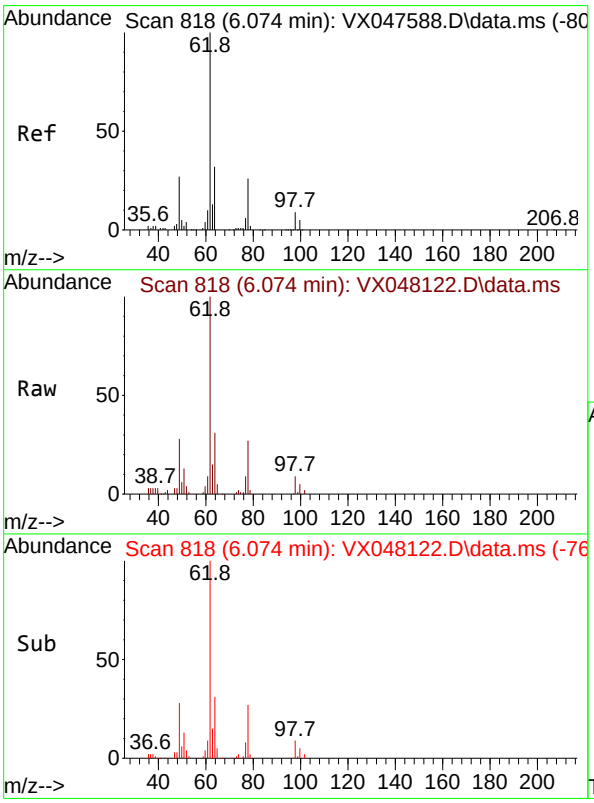
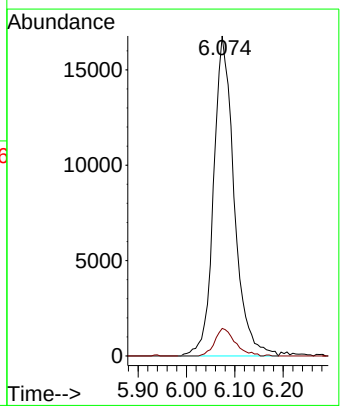
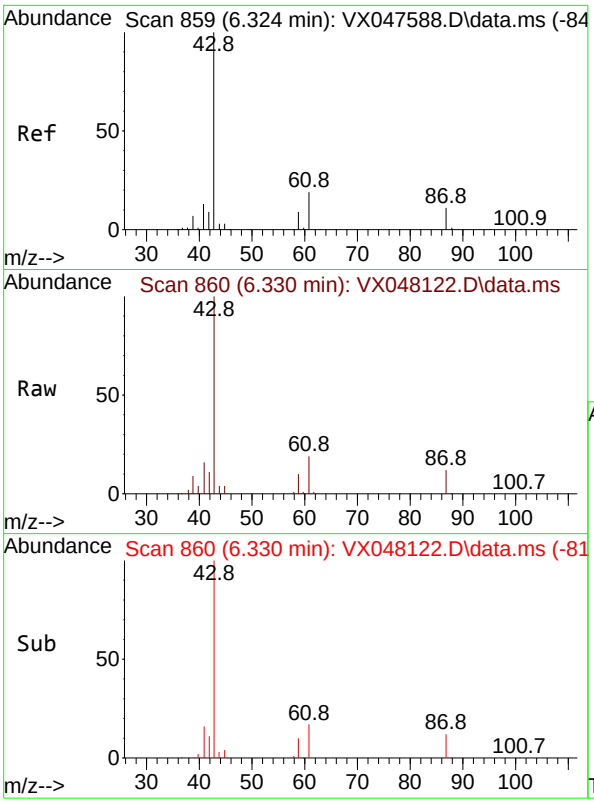


#42
1,2-Dichloroethane
Concen: 20.543 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 62 Resp: 49566

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0

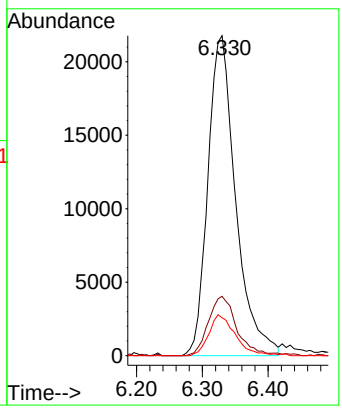




#43
Isopropyl Acetate
Concen: 17.488 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 6411

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	12.3	9.6	14.4



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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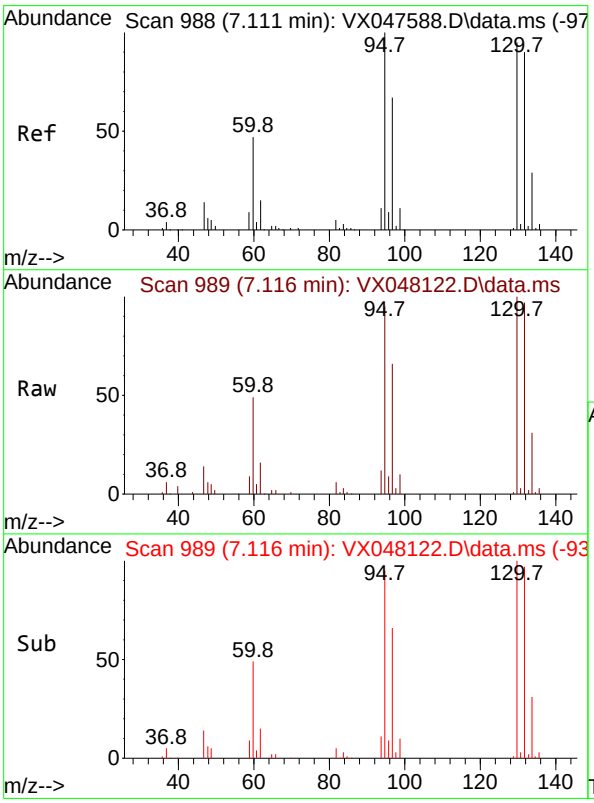
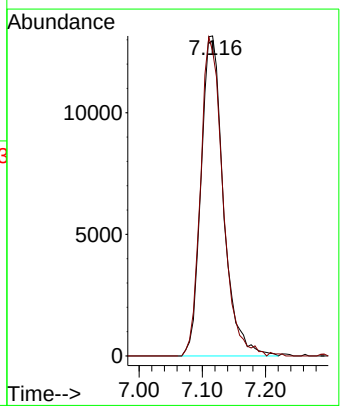
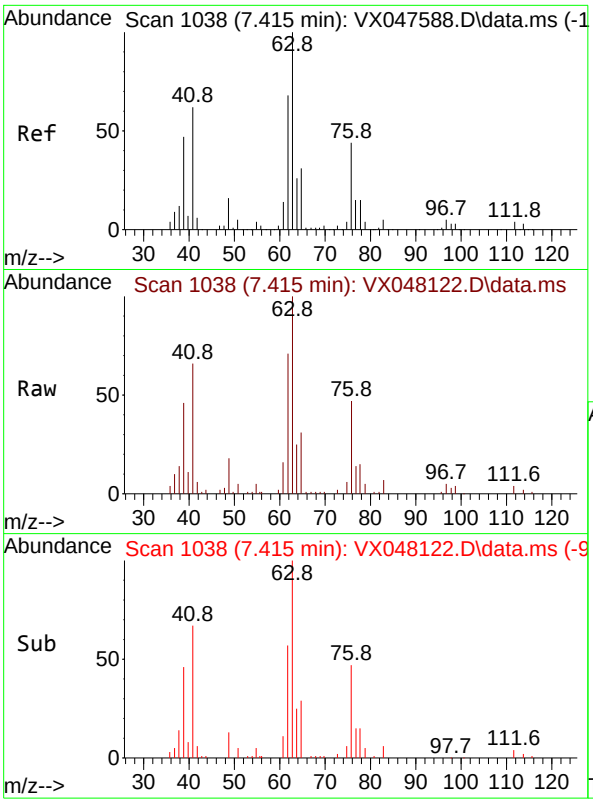


#44
Trichloroethene
Concen: 21.116 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:130 Resp: 32373

Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	210.8

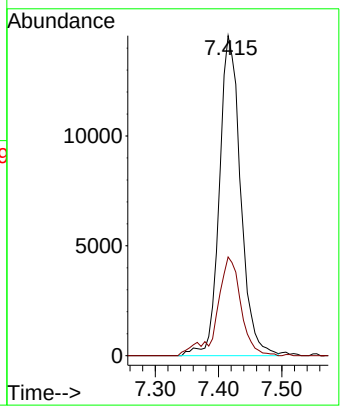




#45
1,2-Dichloropropane
Concen: 20.886 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 63 Resp: 3391

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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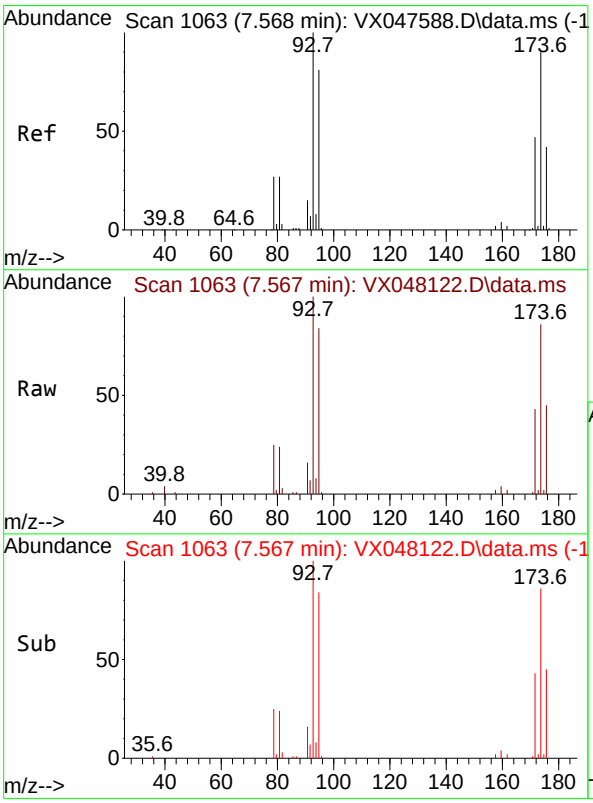
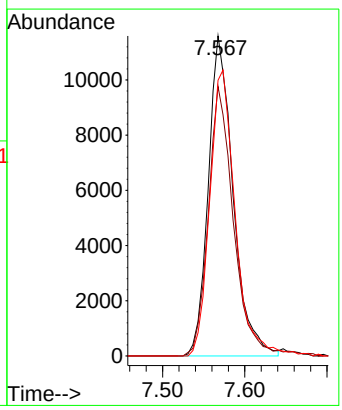
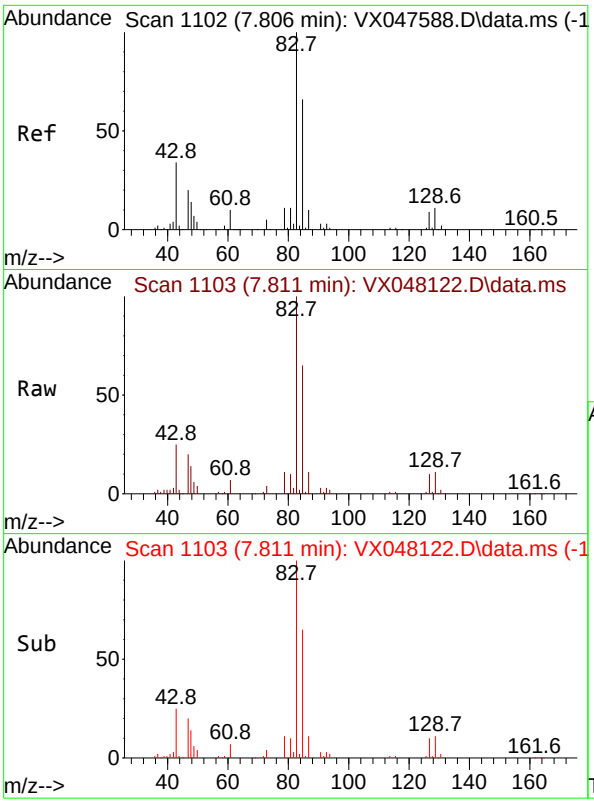


#46
Dibromomethane
Concen: 20.597 ug/l
RT: 7.567 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 93 Resp: 24338

Ion	Ratio	Lower	Upper
93	100		
95	86.0	65.0	97.6
174	91.7	71.6	107.4

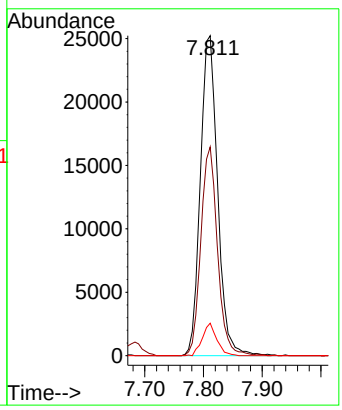




#47
Bromodichloromethane
Concen: 21.208 ug/l
RT: 7.811 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 83 Resp: 5171

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.5	78.7
127	10.2	6.9	10.3



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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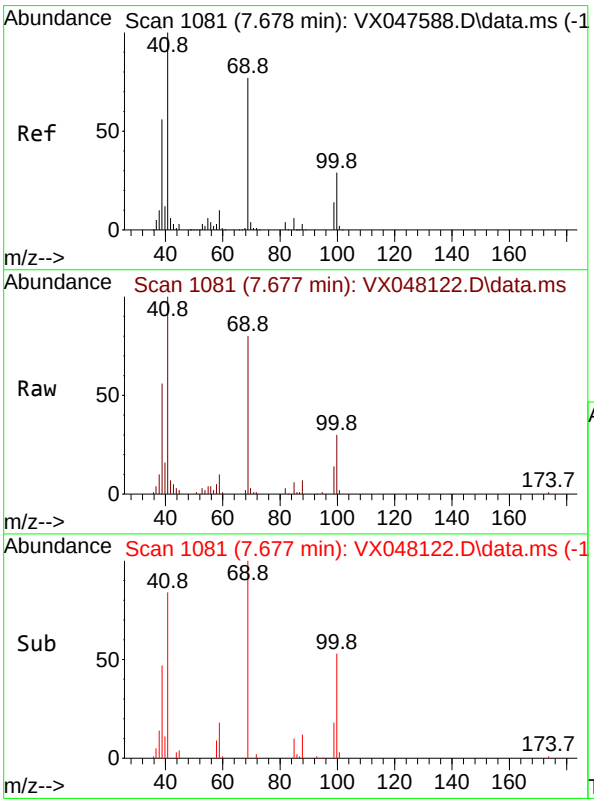
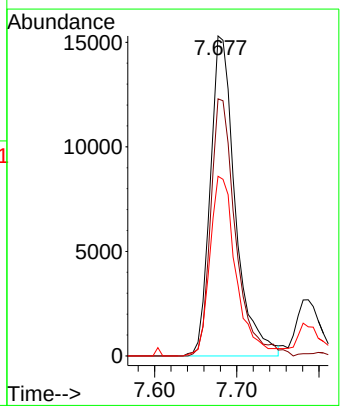
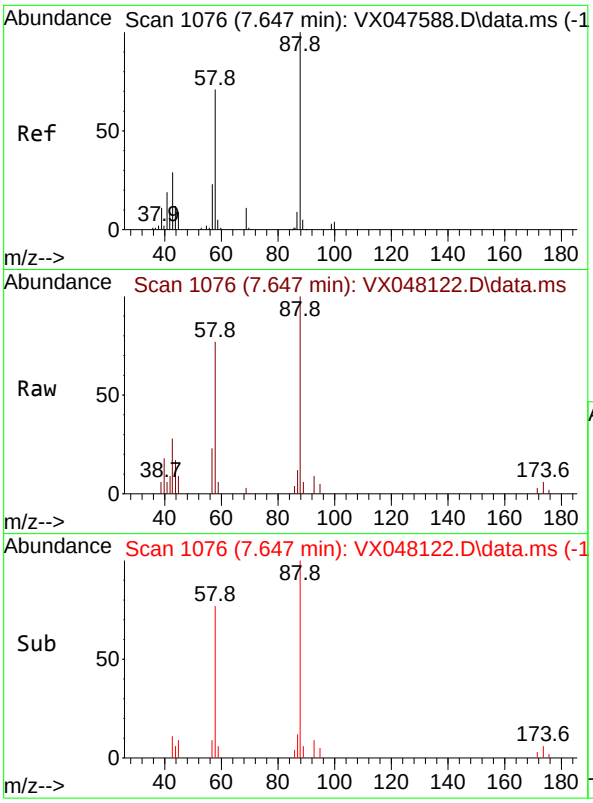


#48
Methyl methacrylate
Concen: 17.689 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 41 Resp: 32305

Ion	Ratio	Lower	Upper
41	100		
69	80.0	61.4	92.2
39	58.6	45.8	68.6





#49
1,4-Dioxane
Concen: 384.638 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 88 Resp: 709

Ion	Ratio	Lower	Upper
88	100		
43	40.5	30.2	45.2
58	78.3	59.5	89.3

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Manual Integrations
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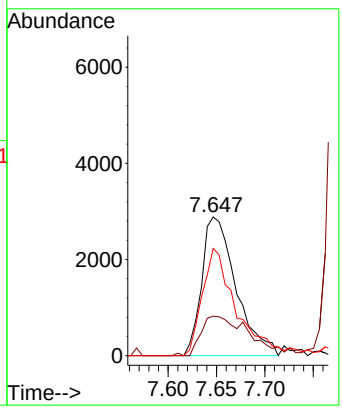
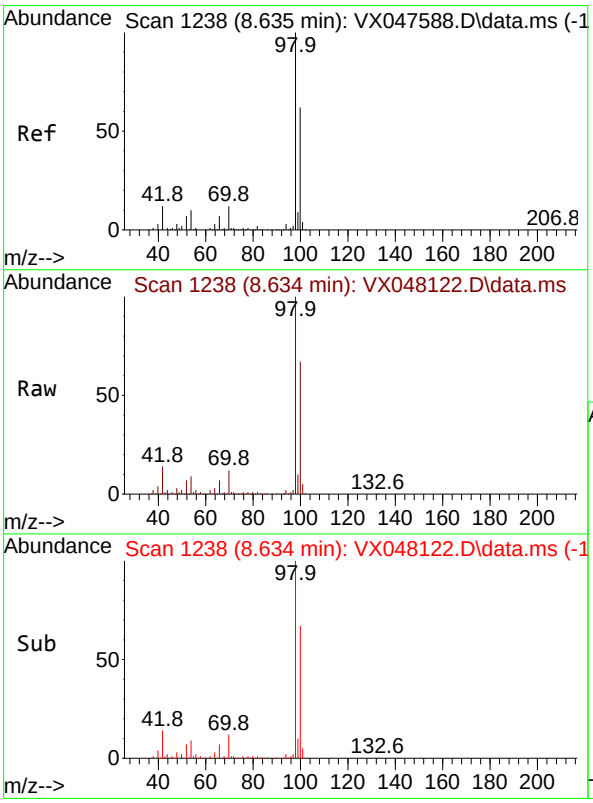
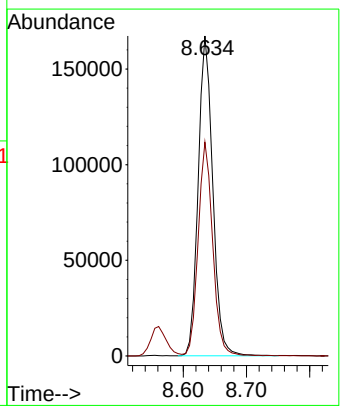


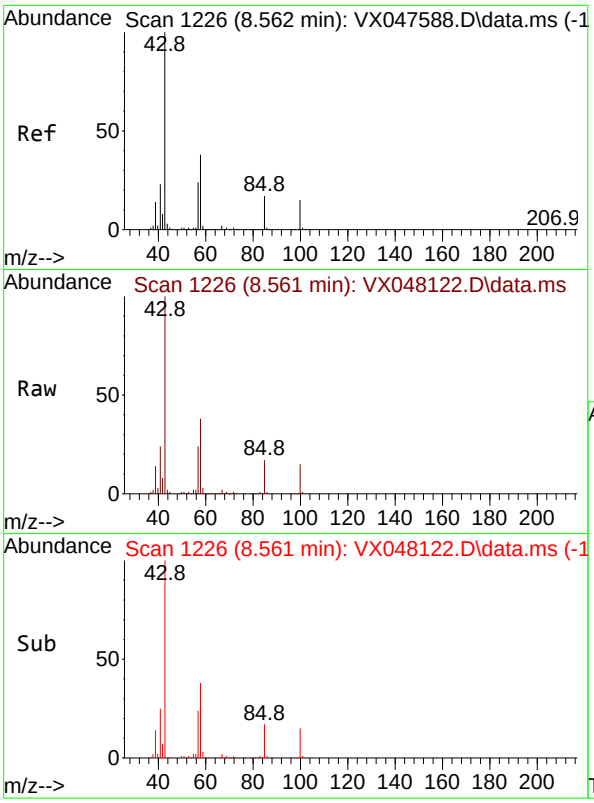


#50
Toluene-d8
Concen: 54.457 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 98 Resp: 269239

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

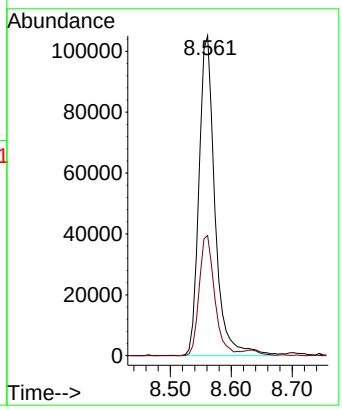




#51
4-Methyl-2-Pentanone
Concen: 94.365 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 19182

Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.3	45.5



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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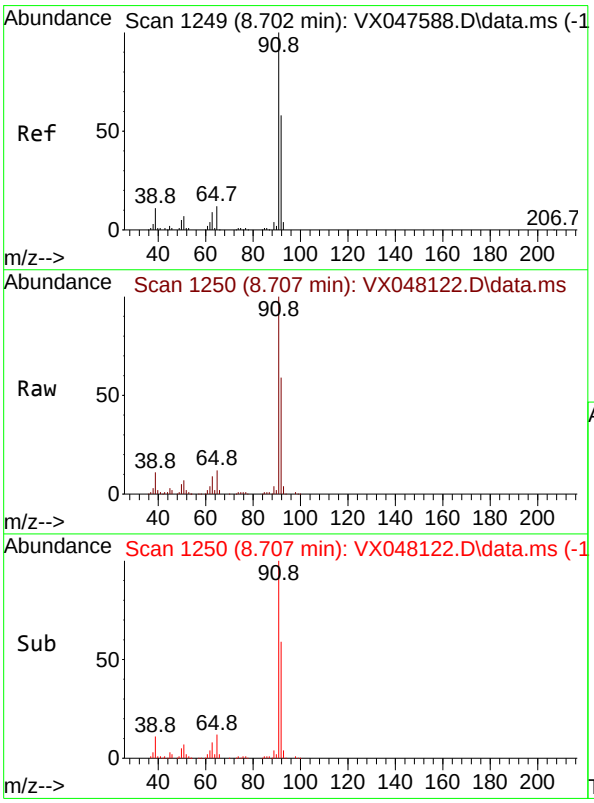
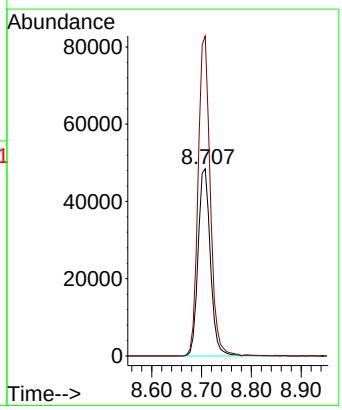
Supervised By :Mahesh Dadoda 10/13/2025

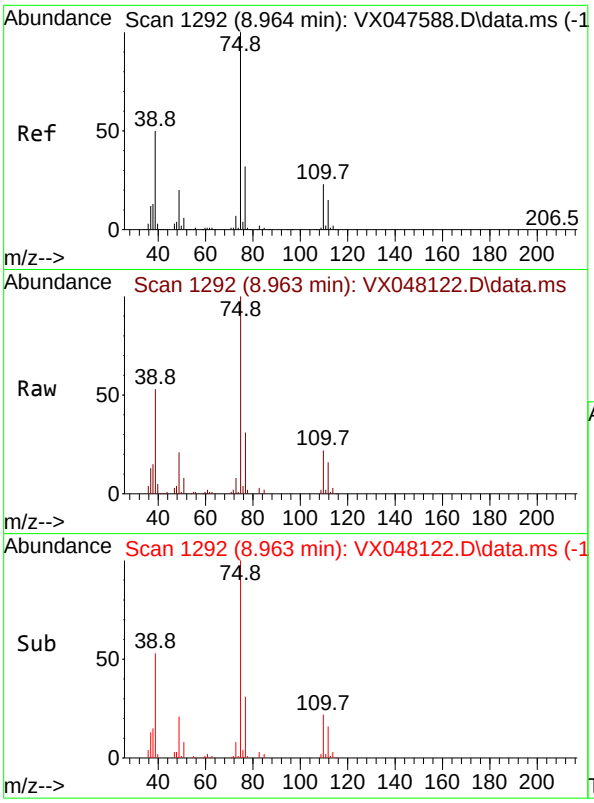


#52
Toluene
Concen: 21.224 ug/l
RT: 8.707 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 92 Resp: 82922

Ion	Ratio	Lower	Upper
92	100		
91	168.5	137.1	205.7

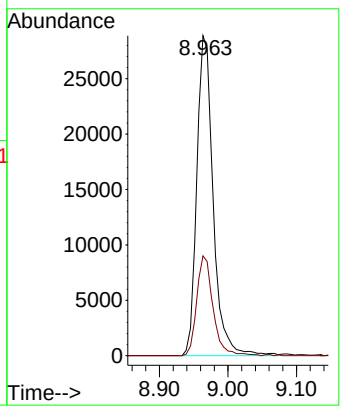




#53
t-1,3-Dichloropropene
Concen: 19.319 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 75 Resp: 4804

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2



Instrument :
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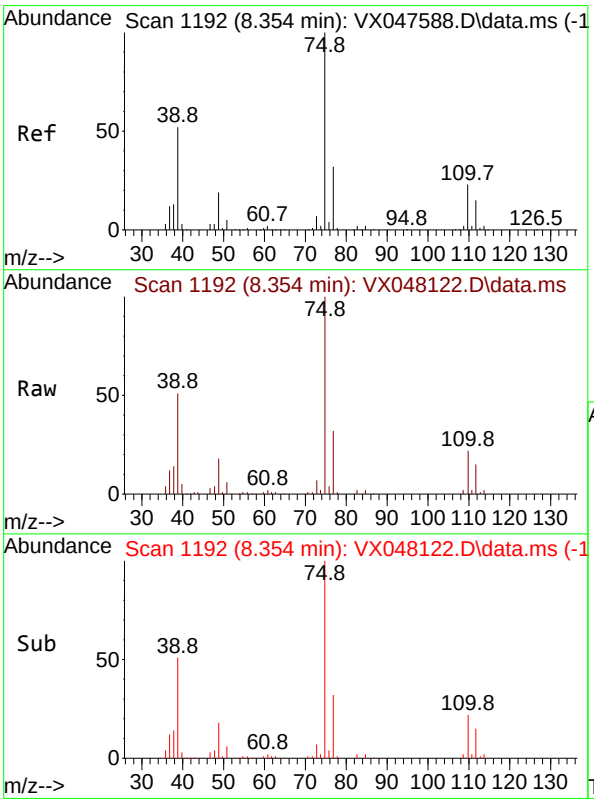
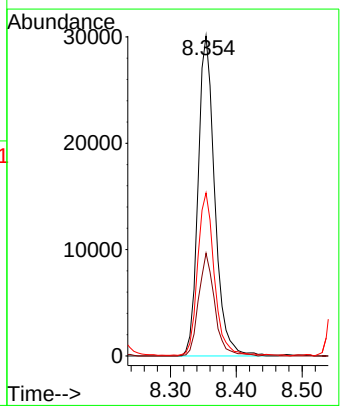
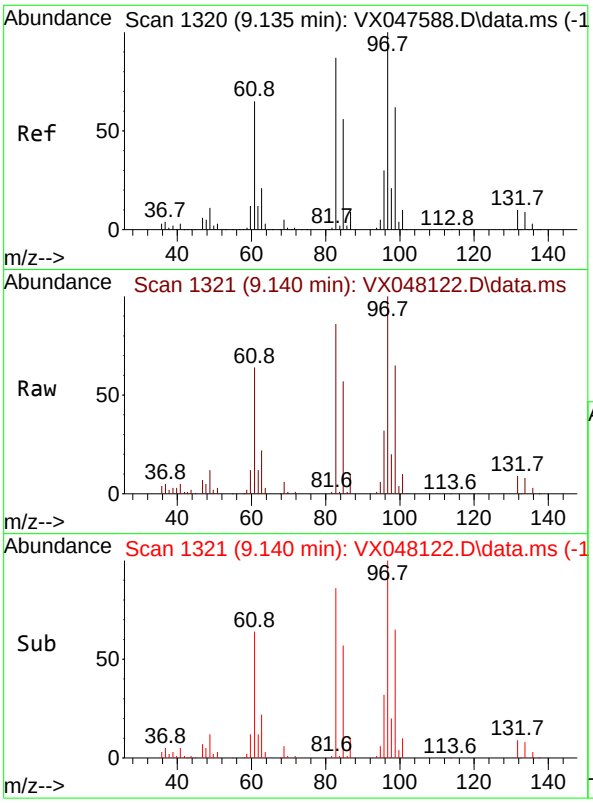


#54
cis-1,3-Dichloropropene
Concen: 19.903 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 75 Resp: 52911

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
39	50.8	41.4	62.2

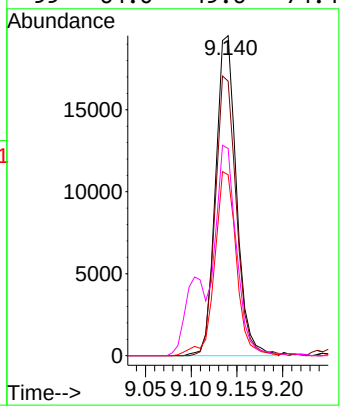




#55
1,1,2-Trichloroethane
Concen: 20.623 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 97 Resp: 3106

Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.6	104.4
85	56.2	45.0	67.6
99	64.0	49.6	74.4



Instrument :
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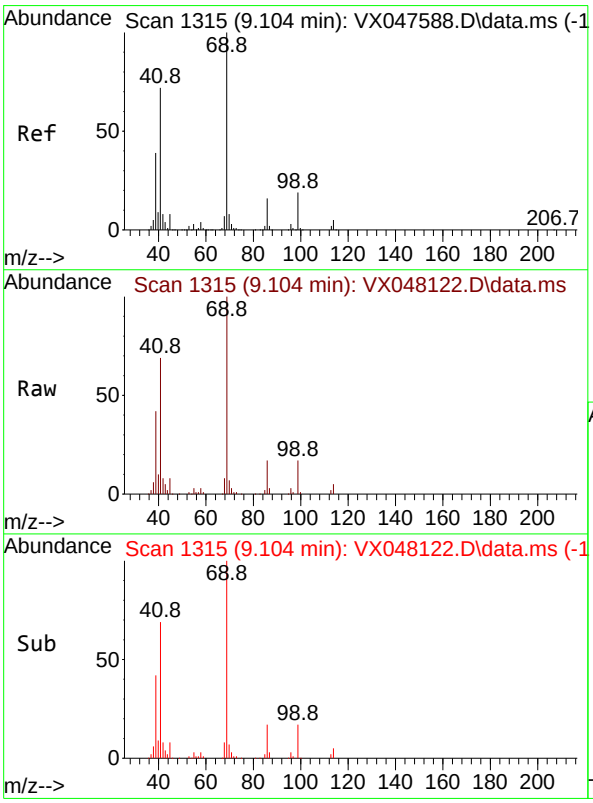
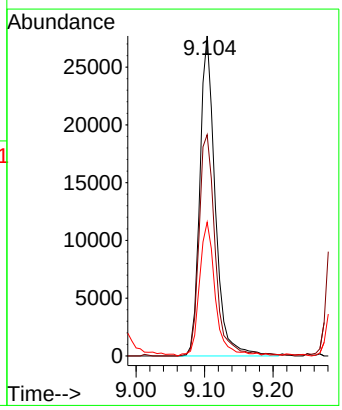
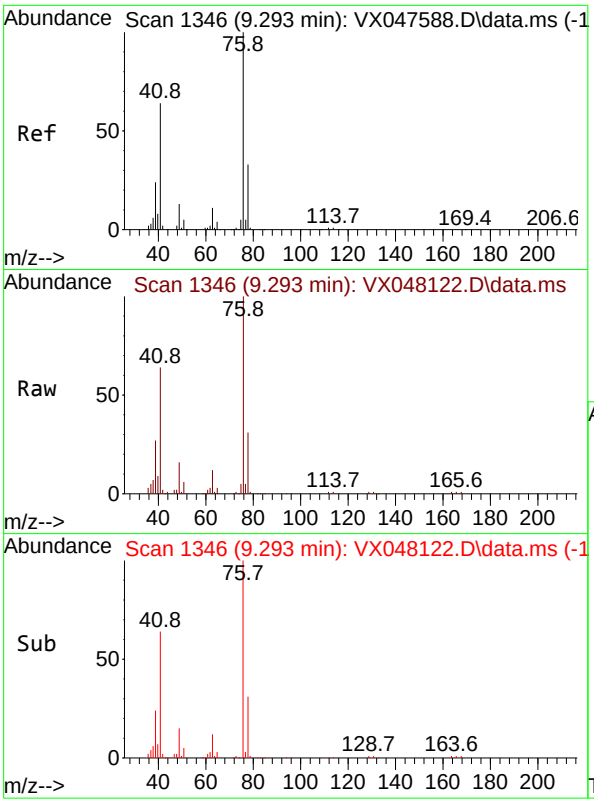


#56
Ethyl methacrylate
Concen: 18.328 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 69 Resp: 43362

Ion	Ratio	Lower	Upper
69	100		
41	73.3	58.6	87.8
39	43.2	31.5	47.3

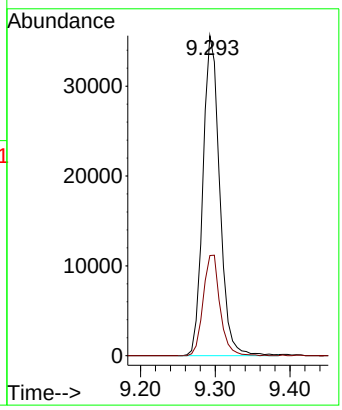




#57
1,3-Dichloropropane
Concen: 21.407 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 76 Resp: 5539

Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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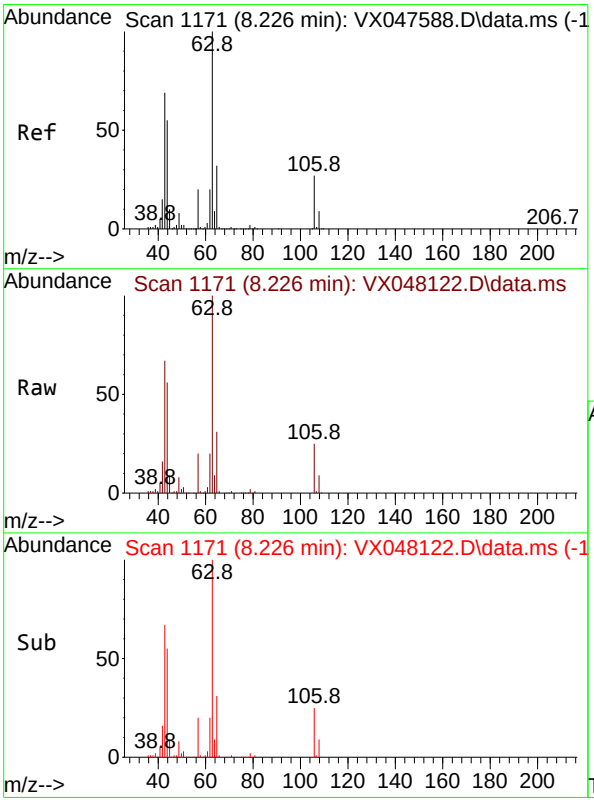
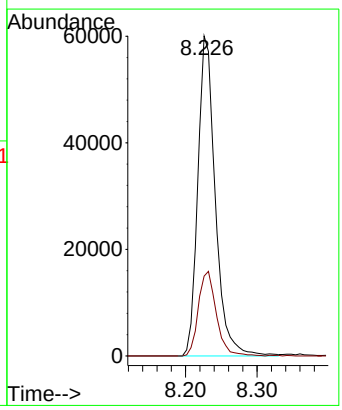
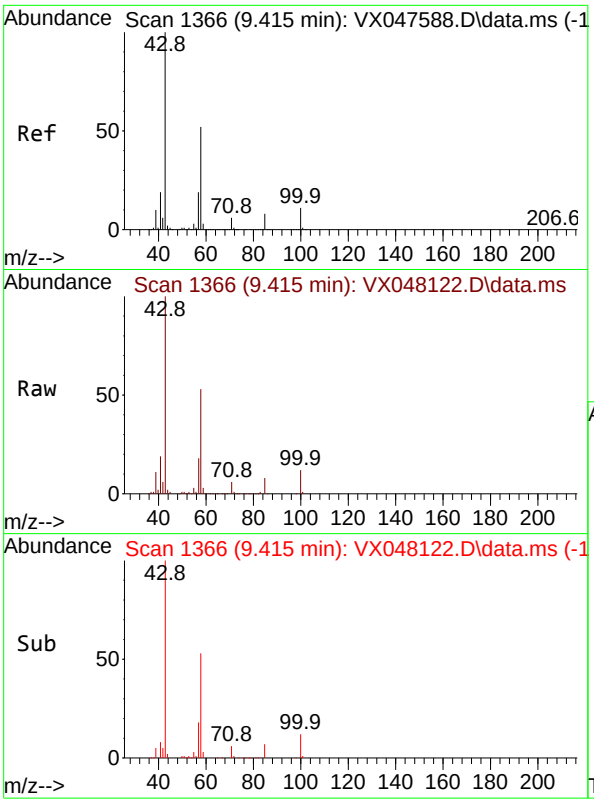


#58
2-Chloroethyl Vinyl ether
Concen: 97.319 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 63 Resp: 101928

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.9	32.9

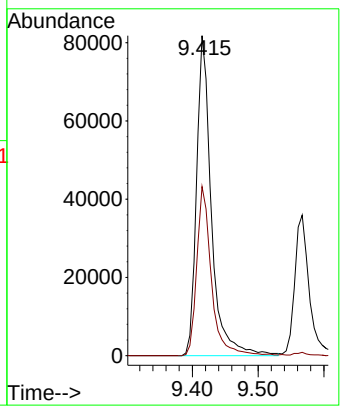




#59
2-Hexanone
Concen: 87.846 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 12825

Ion	Ratio	Lower	Upper
43	100		
58	52.3	26.1	78.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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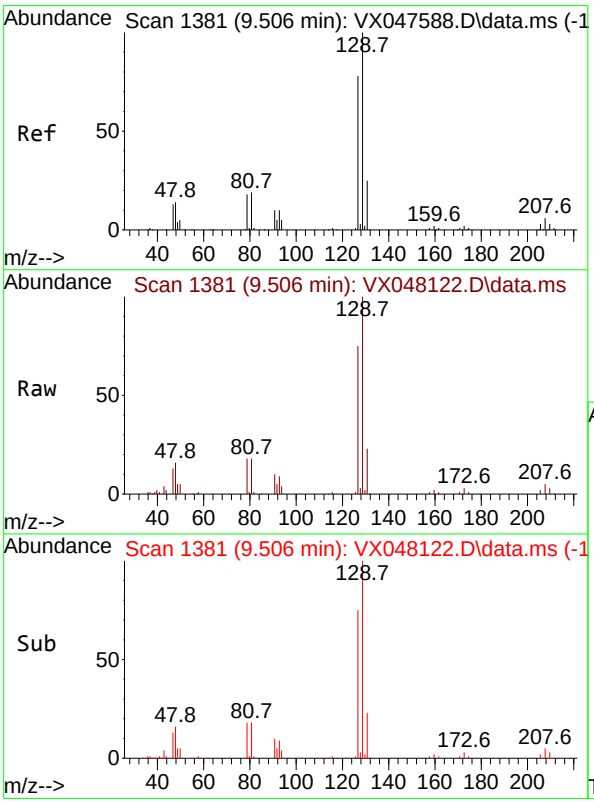
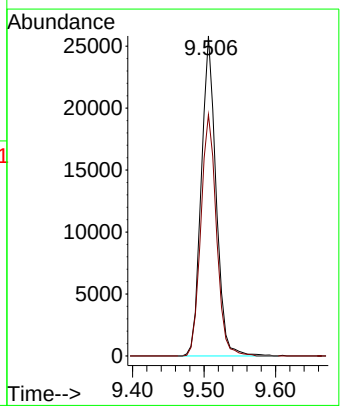
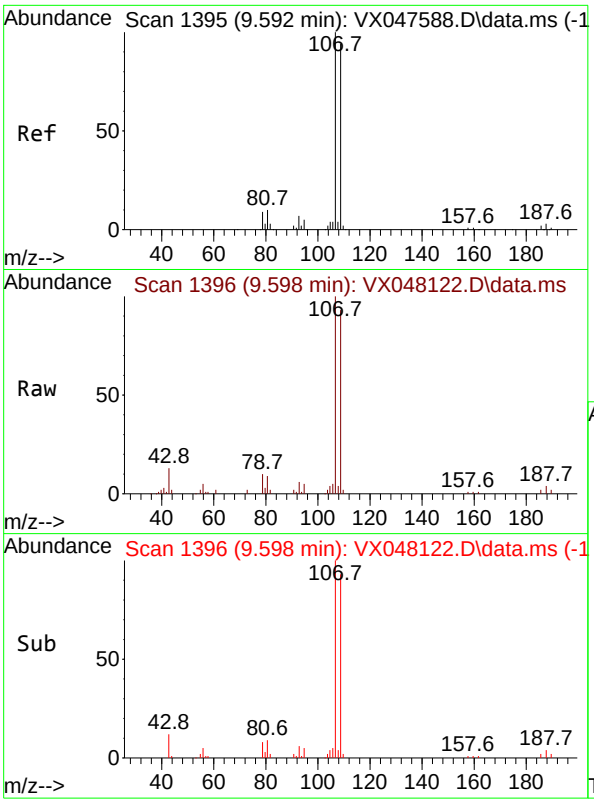


#60
Dibromochloromethane
Concen: 21.438 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:129 Resp: 37213

Ion	Ratio	Lower	Upper
129	100		
127	79.1	38.4	115.2

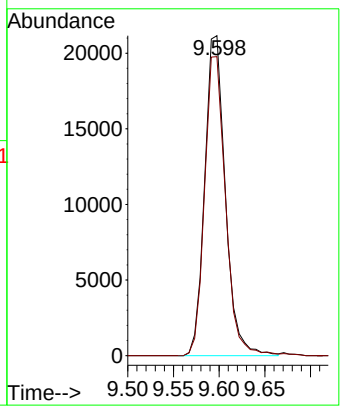




#61
1,2-Dibromoethane
Concen: 21.639 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:107 Resp: 3320

Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.3	112.9



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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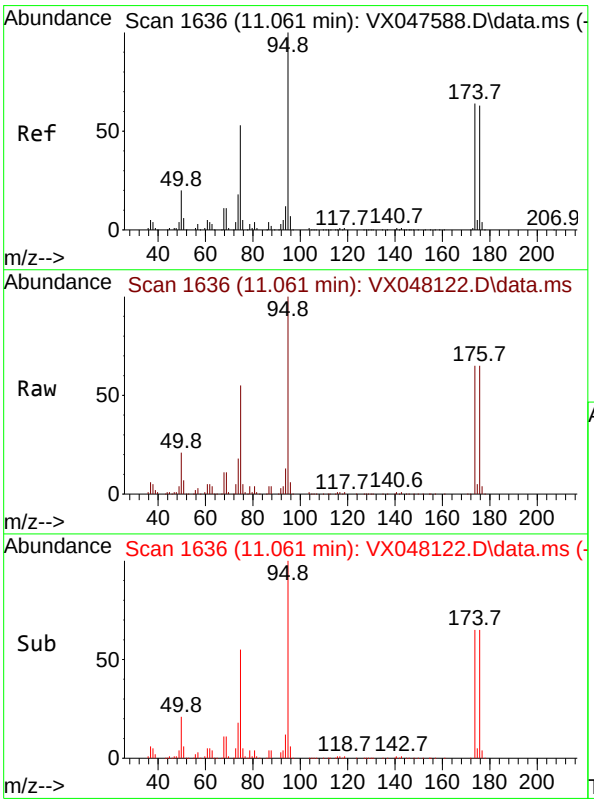
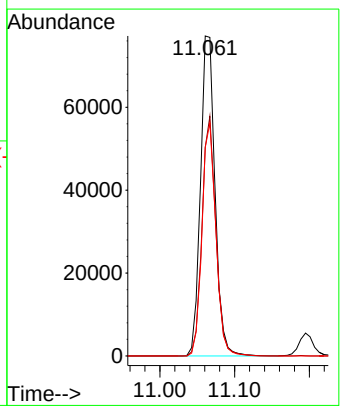
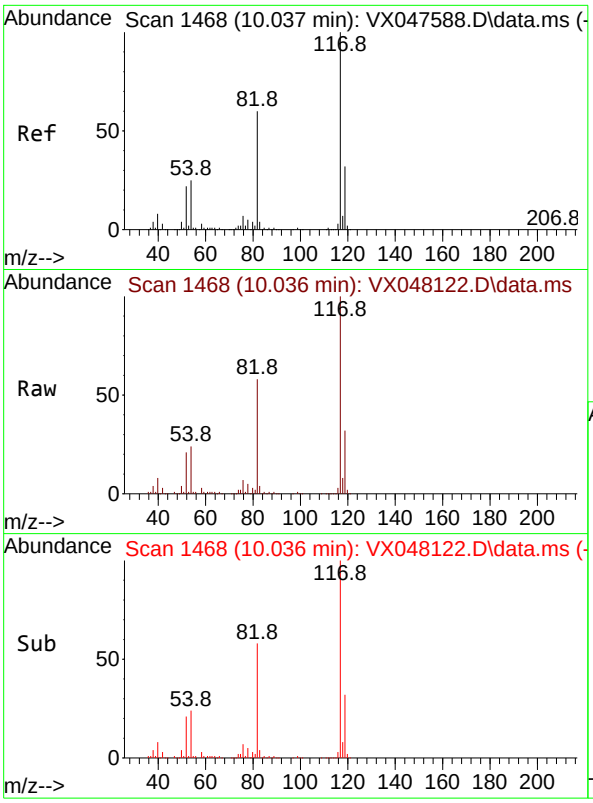


#62
4-Bromofluorobenzene
Concen: 55.562 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 95 Resp: 104255

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	141.6
176	69.5	0.0	138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:117 Resp: 19827

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.8	71.6
119	31.7	25.2	37.8

Instrument :
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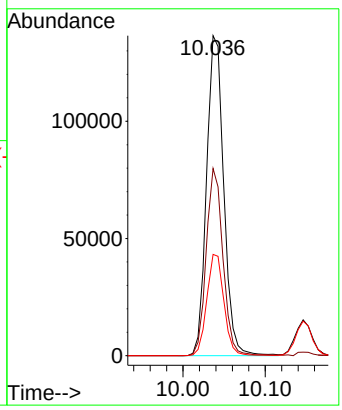
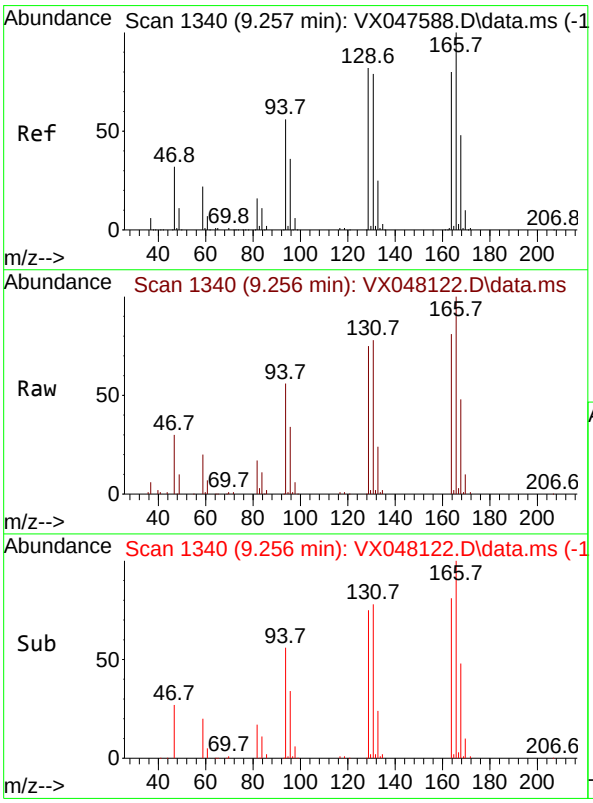
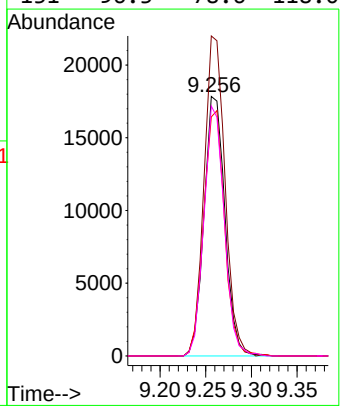


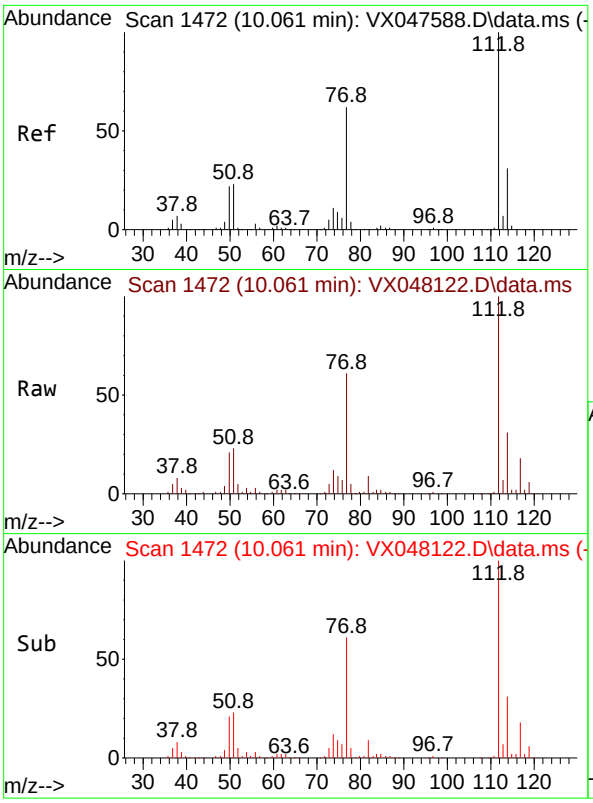


#64
Tetrachloroethene
Concen: 21.918 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:164 Resp: 28329

Ion	Ratio	Lower	Upper
164	100		
166	123.3	100.2	150.2
129	92.1	81.8	122.6
131	96.3	78.6	118.0

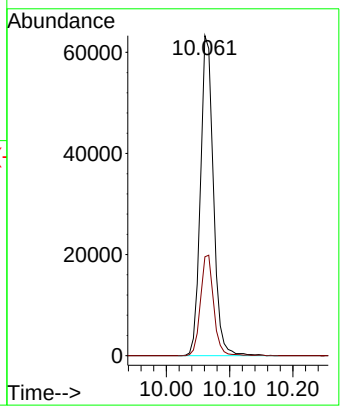




#65
Chlorobenzene
Concen: 20.060 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:112 Resp: 9035

Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.1	37.7



Instrument :
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ClientSampleId :
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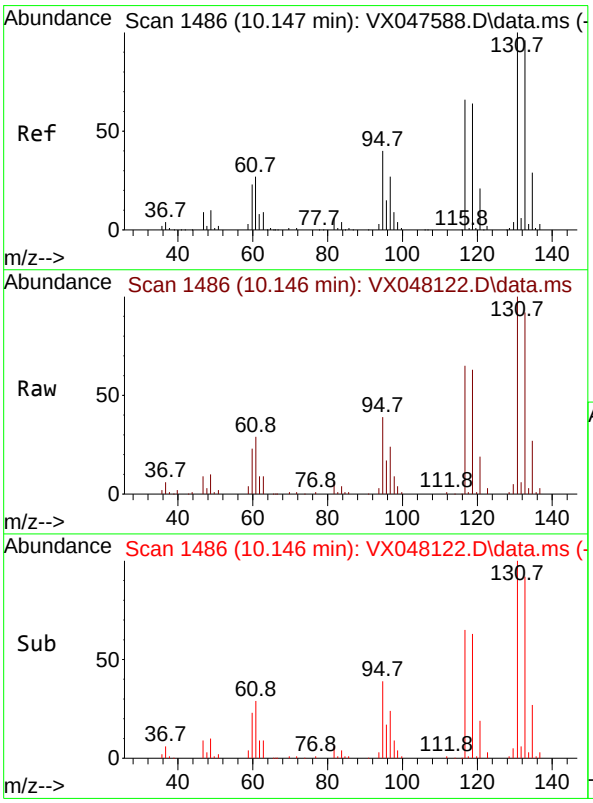
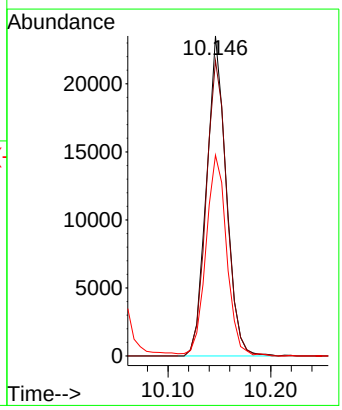
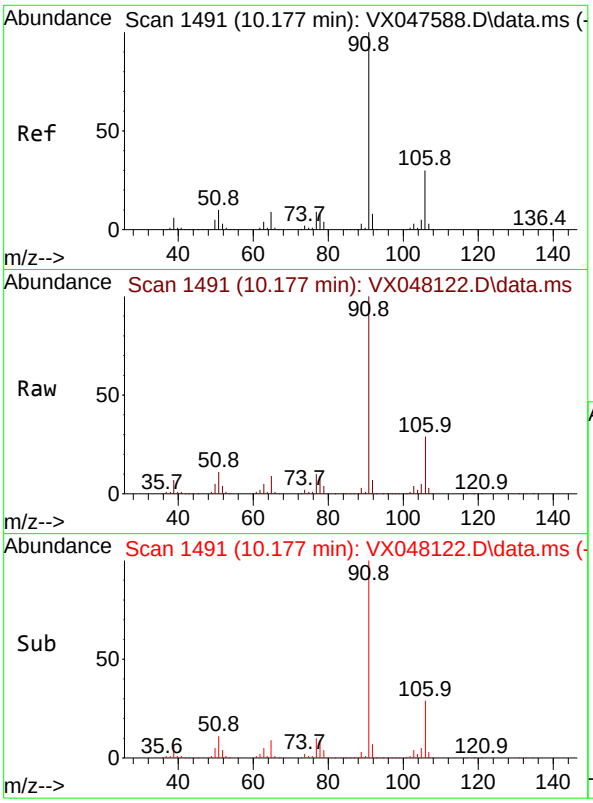


#66
1,1,1,2-Tetrachloroethane
Concen: 20.167 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:131 Resp: 31346

Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.3	142.0
119	65.8	32.0	96.0

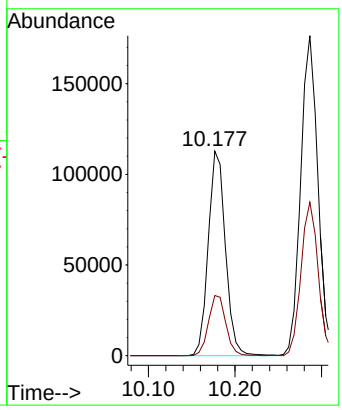




#67
Ethyl Benzene
Concen: 20.001 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 91 Resp: 15544

Ion	Ratio	Lower	Upper
91	100		
106	29.4	24.3	36.5



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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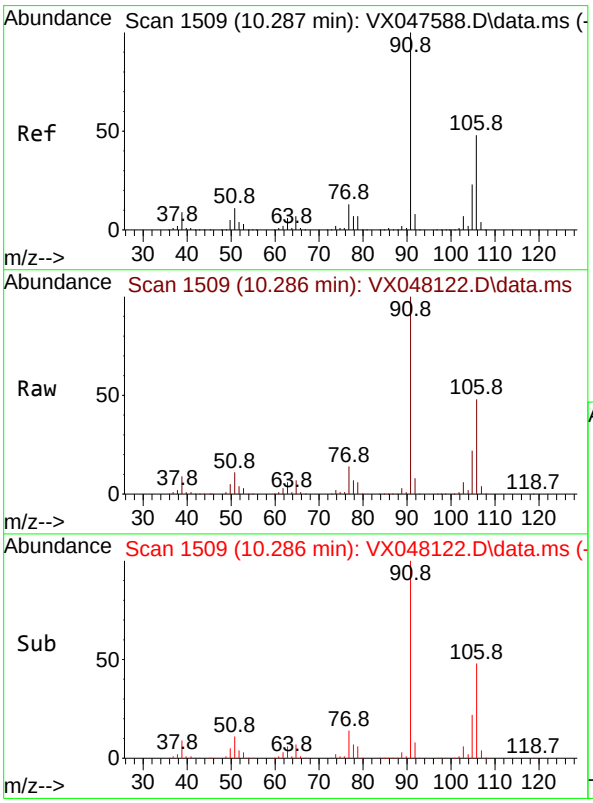
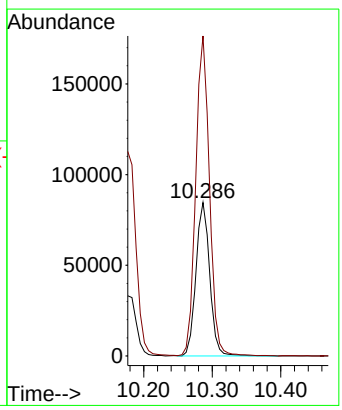
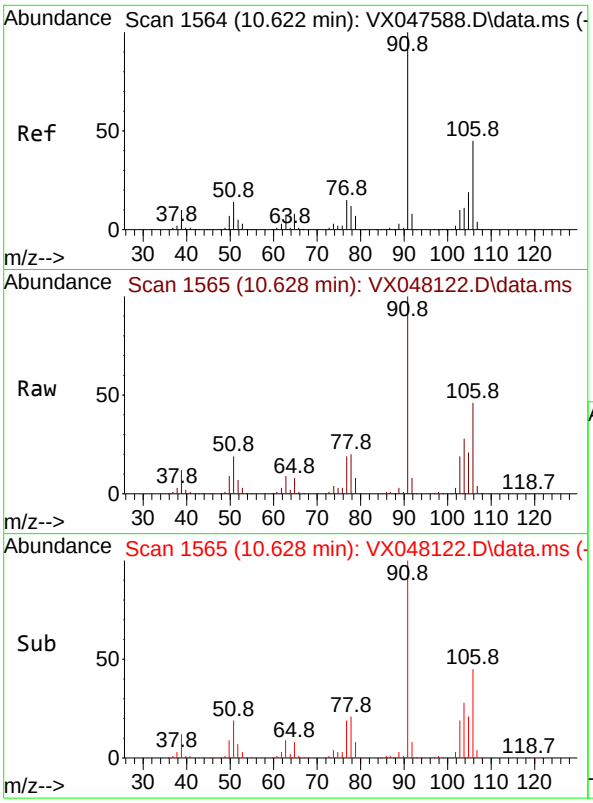


#68
m/p-Xylenes
Concen: 40.842 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:106 Resp: 118146

Ion	Ratio	Lower	Upper
106	100		
91	208.6	167.8	251.8

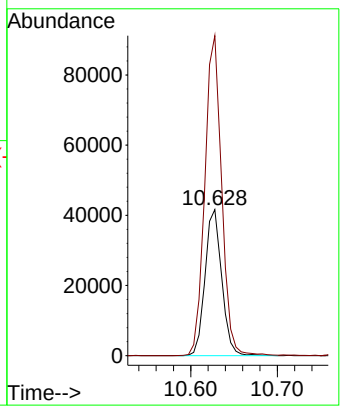




#69
o-Xylene
Concen: 19.949 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:106 Resp: 5581

Ion	Ratio	Lower	Upper
106	100		
91	220.8	111.1	333.4



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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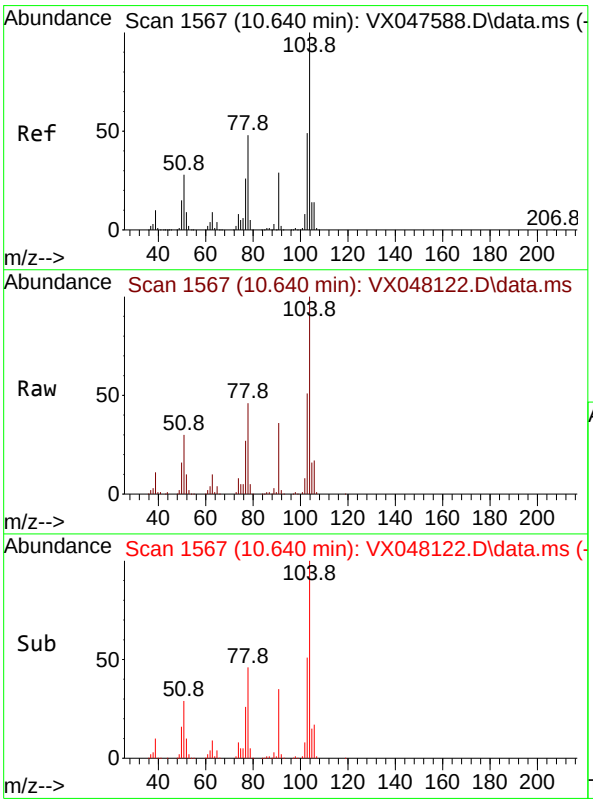
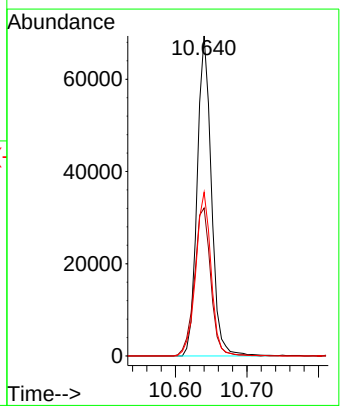
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

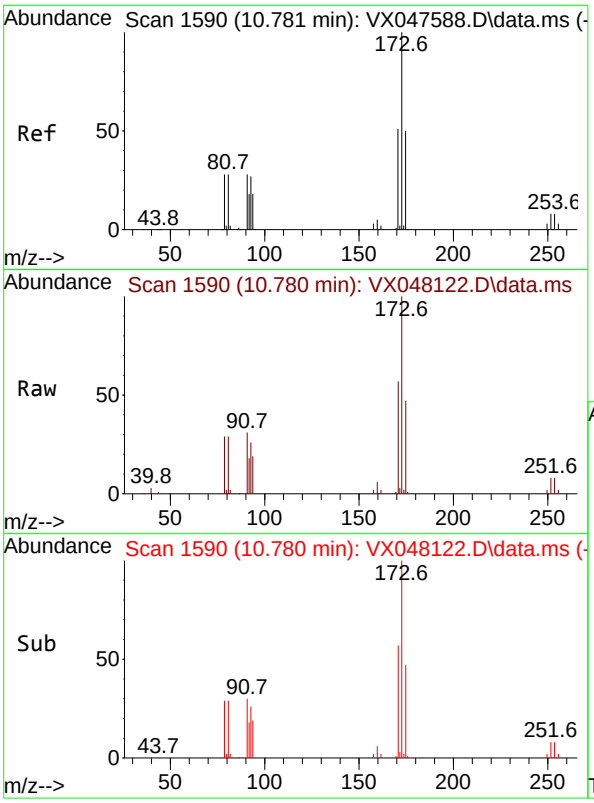


#70
Styrene
Concen: 19.558 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:104 Resp: 95886

Ion	Ratio	Lower	Upper
104	100		
78	53.1	43.1	64.7
103	55.2	43.1	64.7

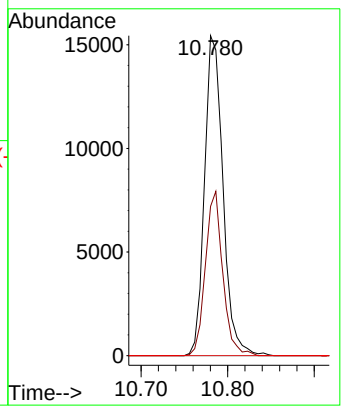




#71
Bromoform
Concen: 19.713 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:173 Resp: 2287

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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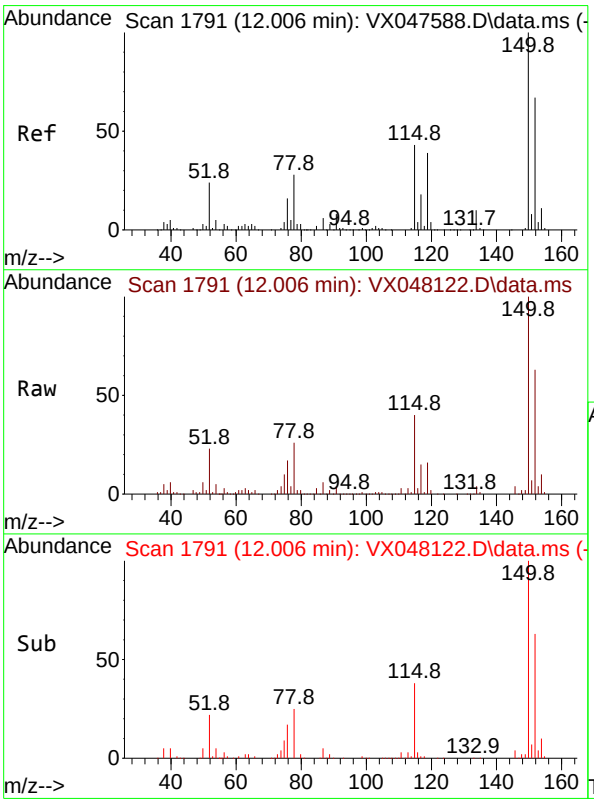
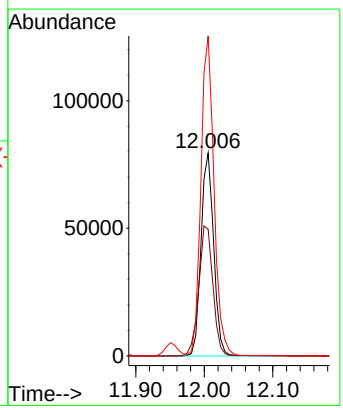
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

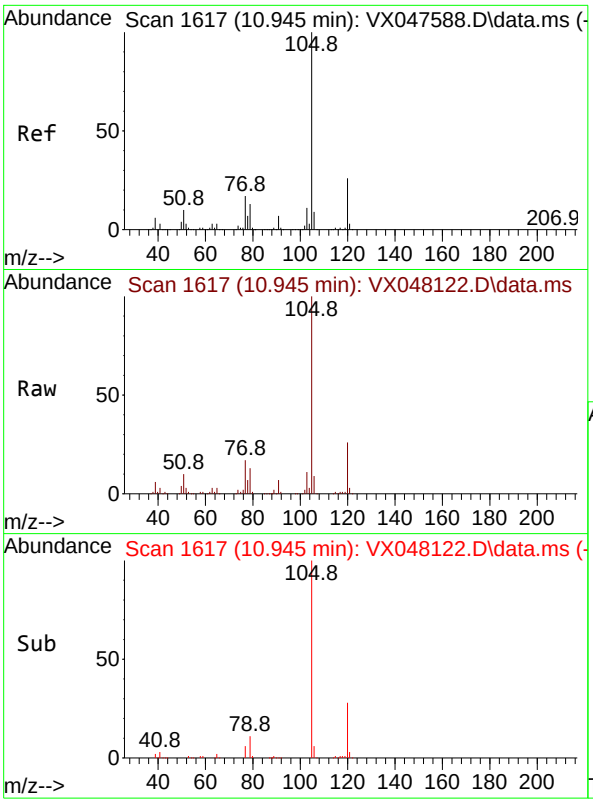


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:152 Resp: 102458

Ion	Ratio	Lower	Upper
152	100		
115	71.5	44.9	134.5
150	162.6	0.0	352.0

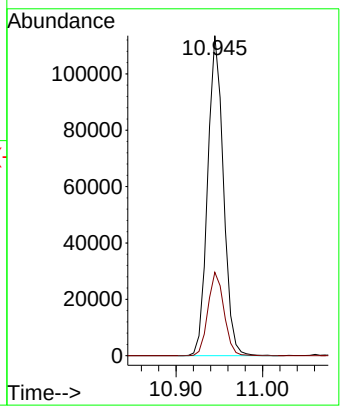




#73
Isopropylbenzene
Concen: 18.399 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:105 Resp: 14331

Ion	Ratio	Lower	Upper
105	100		
120	26.4	12.8	38.4



Instrument :
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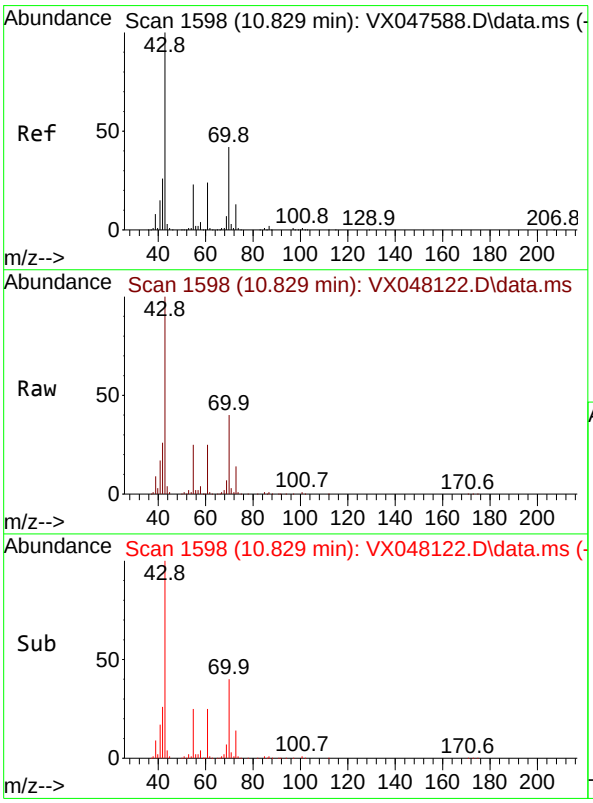
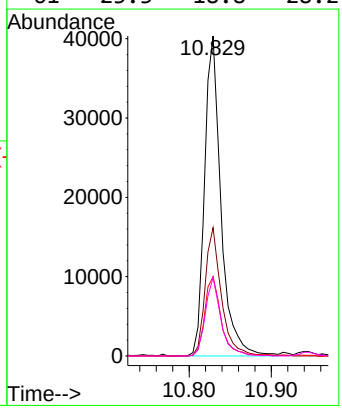
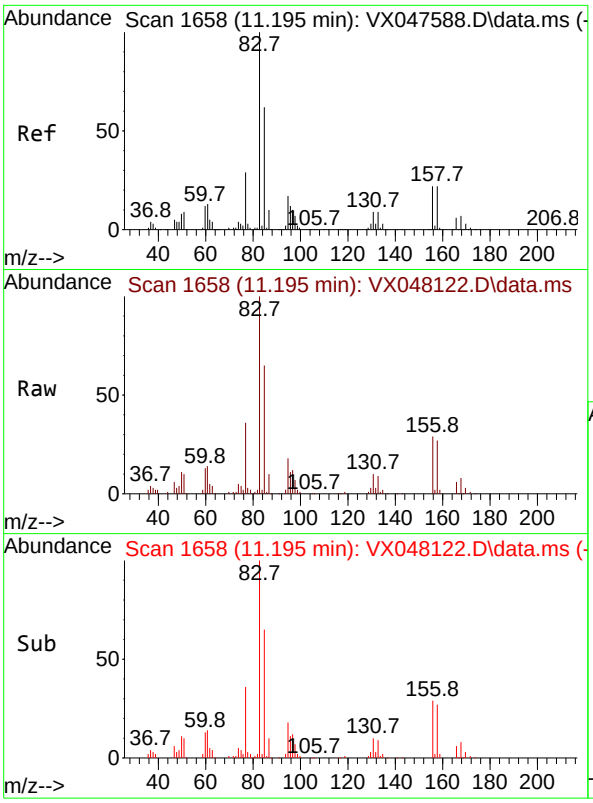


#74
N-amyl acetate
Concen: 15.767 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 56006

Ion	Ratio	Lower	Upper
43	100		
70	39.7	32.0	48.0
55	25.0	18.9	28.3
61	23.3	18.8	28.2

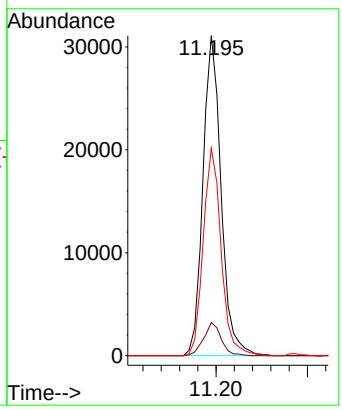




#75
1,1,2,2-Tetrachloroethane
Concen: 18.122 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 83 Resp: 4270

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.1	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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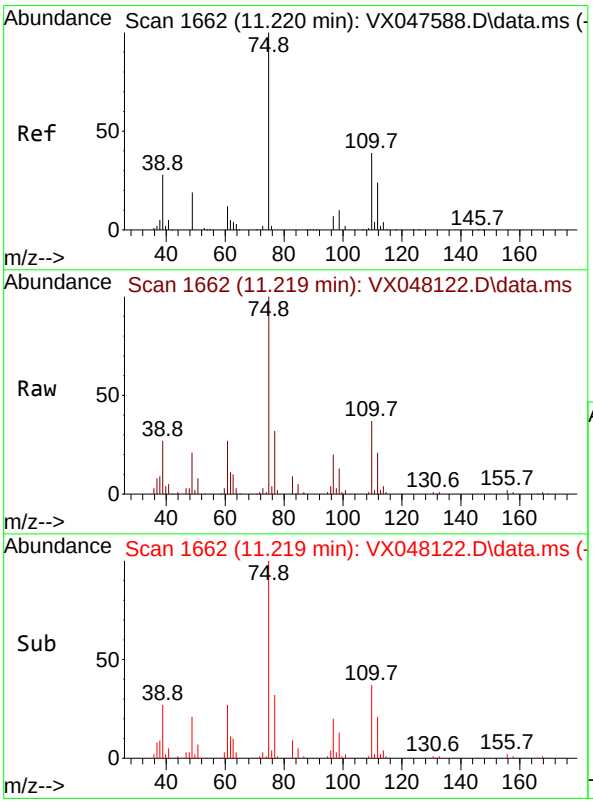
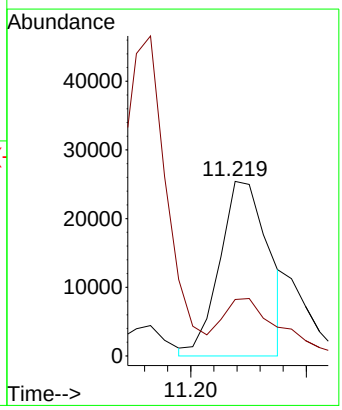
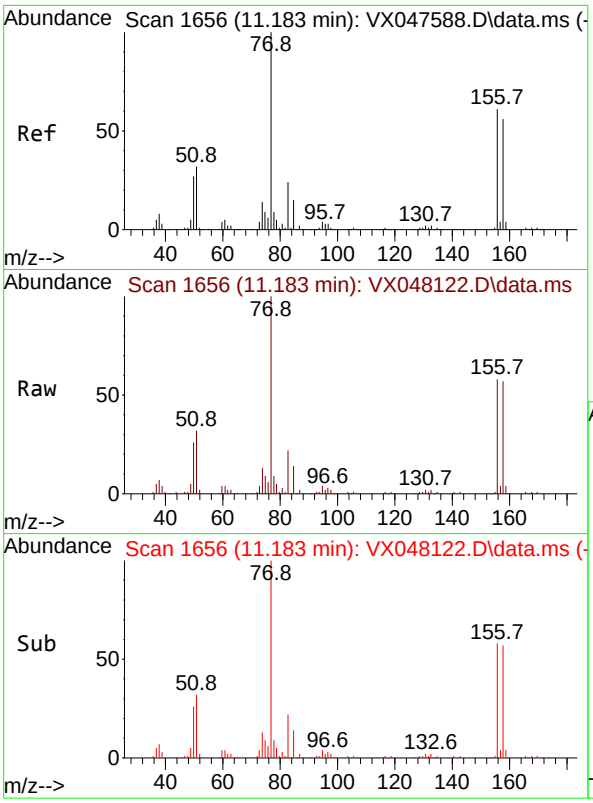


#76
1,2,3-Trichloropropane
Concen: 17.961 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 75 Resp: 37260

Ion	Ratio	Lower	Upper
75	100		
77	38.5	18.8	56.4

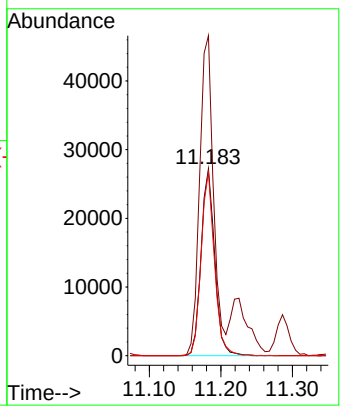




#77
Bromobenzene
Concen: 18.791 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:156 Resp: 3605

Ion	Ratio	Lower	Upper
156	100		
77	174.3	89.7	269.1
158	96.2	47.9	143.6



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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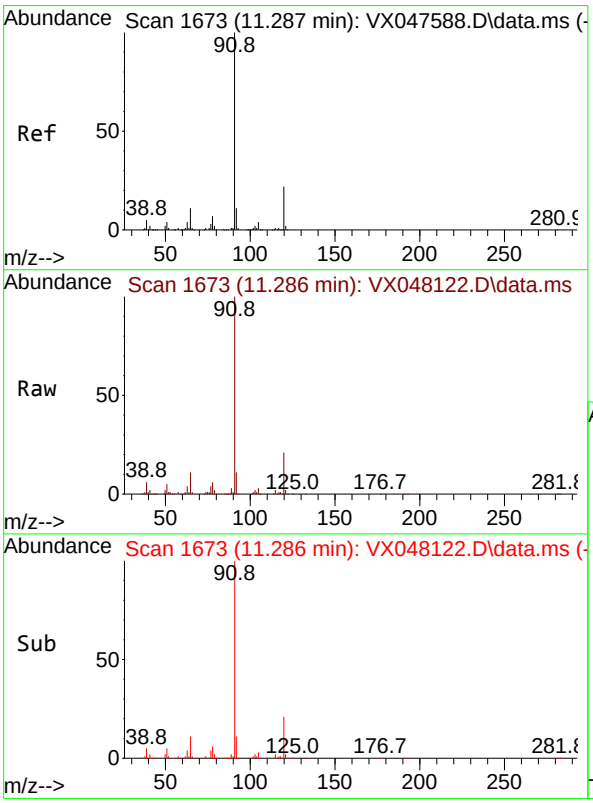
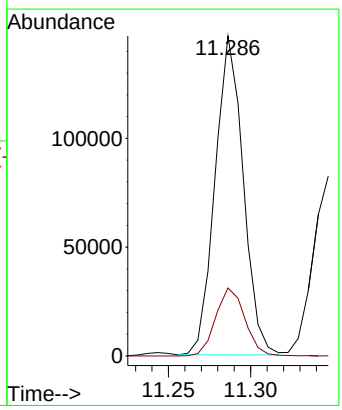
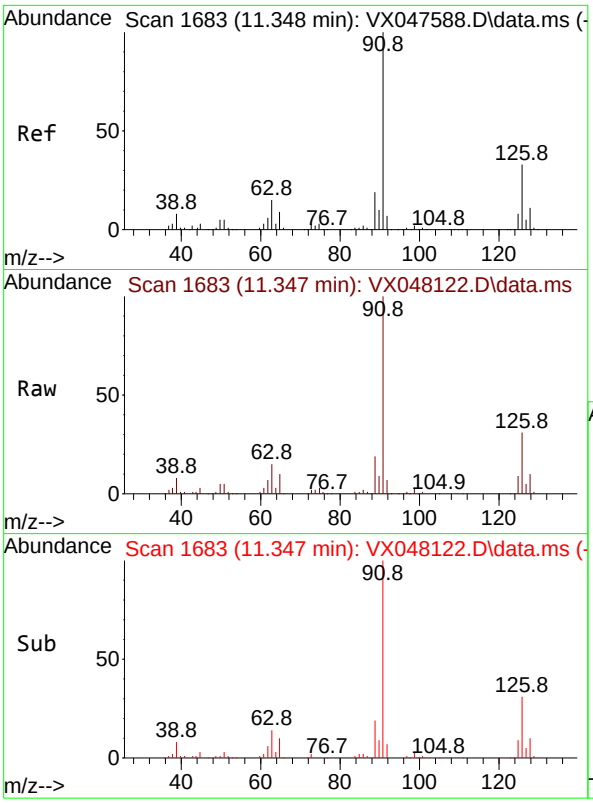


#78
n-propylbenzene
Concen: 18.970 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 91 Resp: 174677

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1

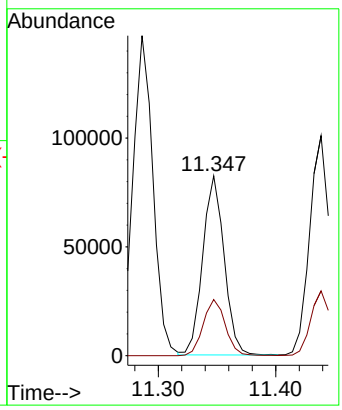




#79
2-Chlorotoluene
Concen: 18.528 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 91 Resp: 10449

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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Reviewed By :John Carlone 10/13/2025
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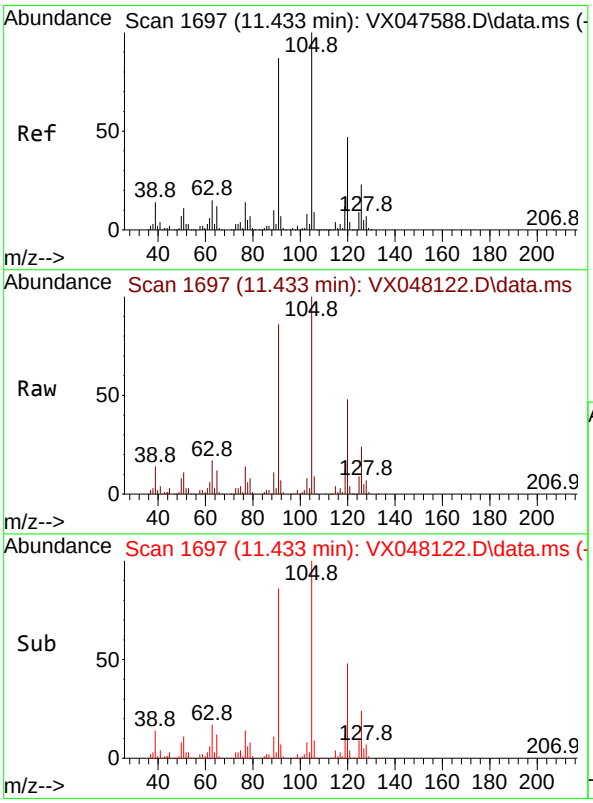
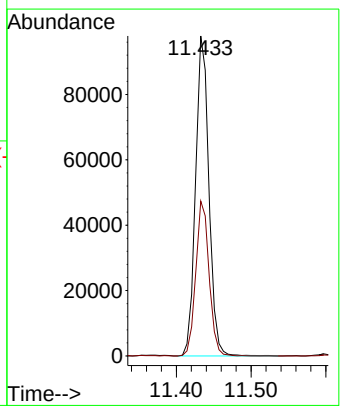
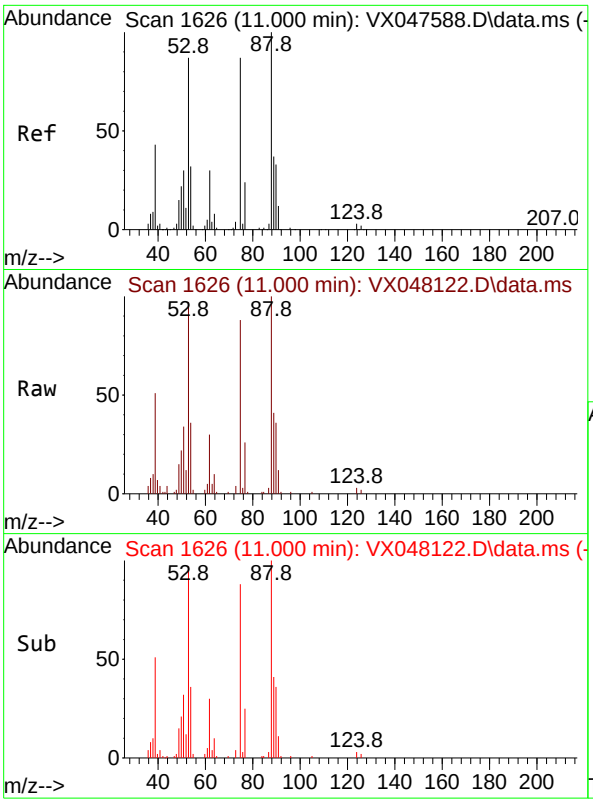


#80
1,3,5-Trimethylbenzene
Concen: 18.933 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:105 Resp: 121164

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.6	70.8

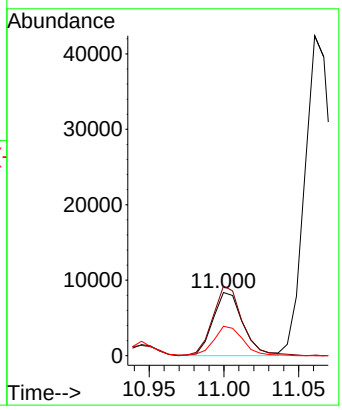




#81
trans-1,4-Dichloro-2-butene
Concen: 14.411 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 75 Resp: 1172

Ion	Ratio	Lower	Upper
75	100		
53	108.2	83.4	125.2
89	45.2	36.3	54.5



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Manual Integrations
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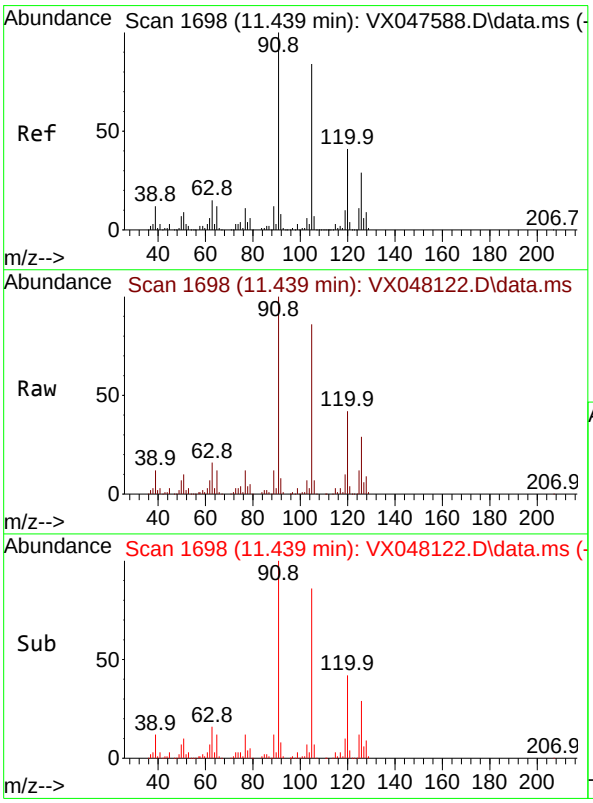
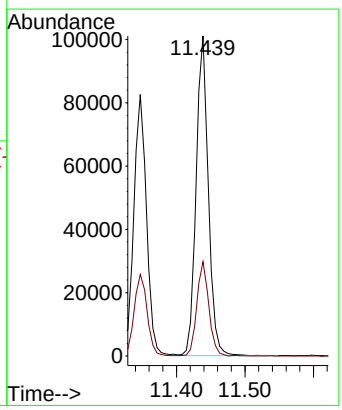
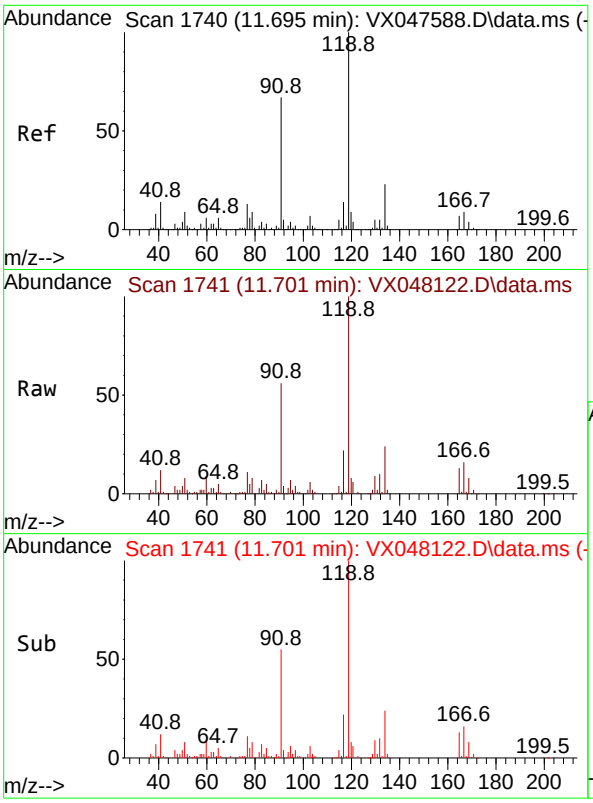


#82
4-Chlorotoluene
Concen: 18.809 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 91 Resp: 125288

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6

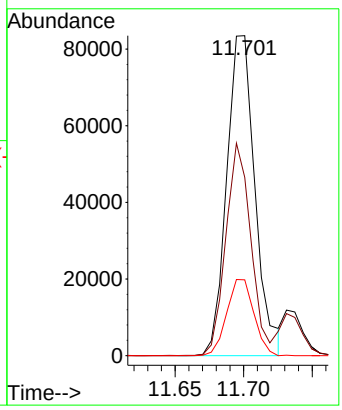




#83
tert-Butylbenzene
Concen: 18.320 ug/l
RT: 11.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:119 Resp: 12002

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.9	11.0	33.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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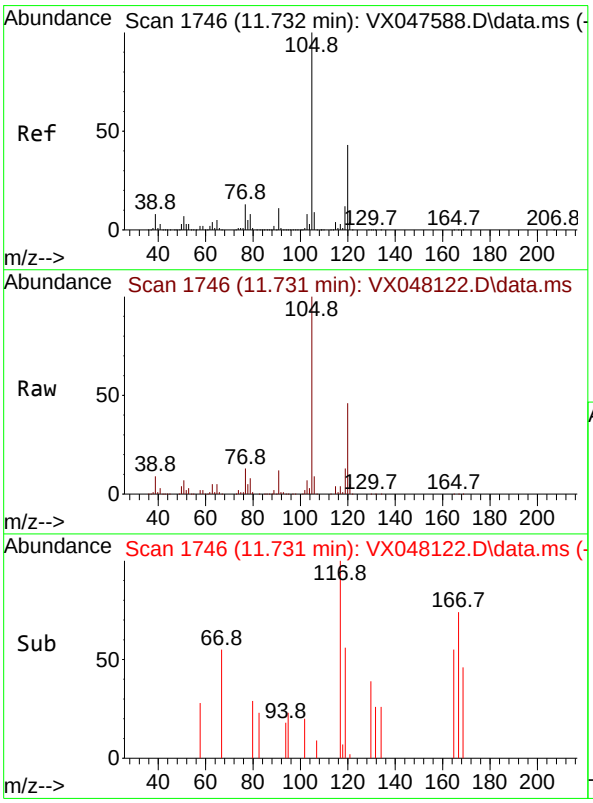
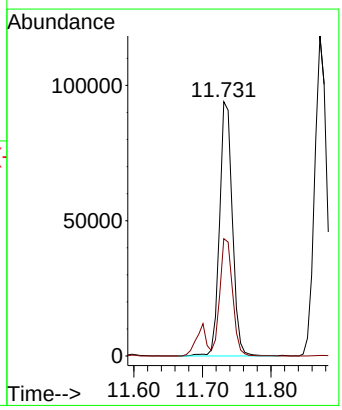
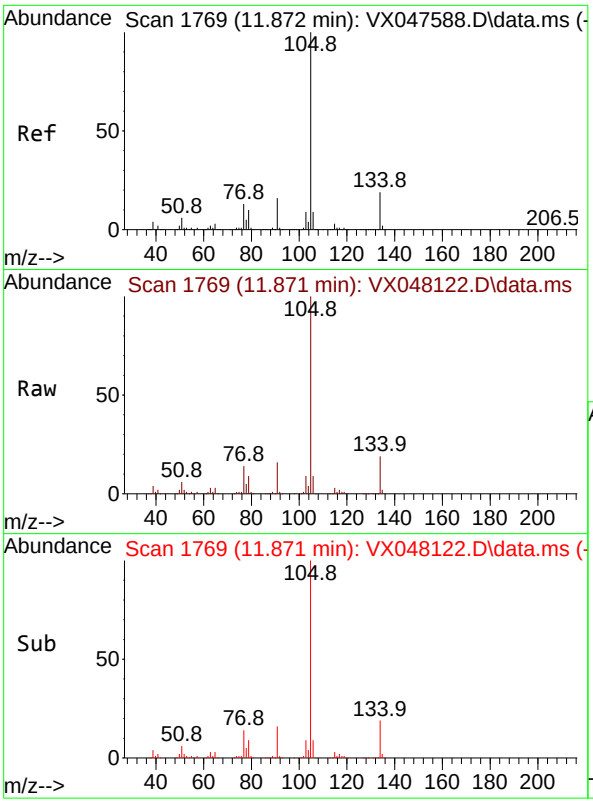


#84
1,2,4-Trimethylbenzene
Concen: 18.685 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:105 Resp: 121236

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.1	66.1

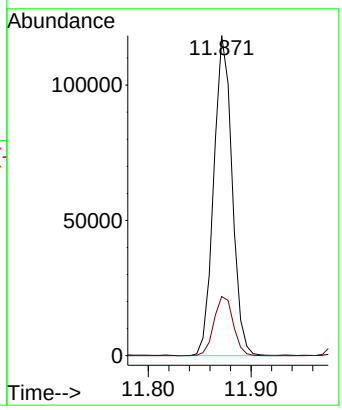




#85
sec-Butylbenzene
Concen: 18.823 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:105 Resp: 14647

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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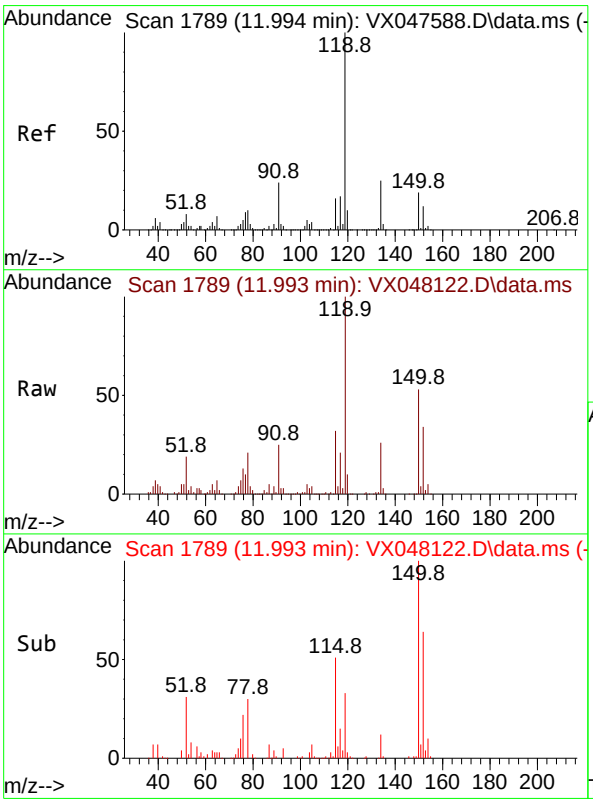
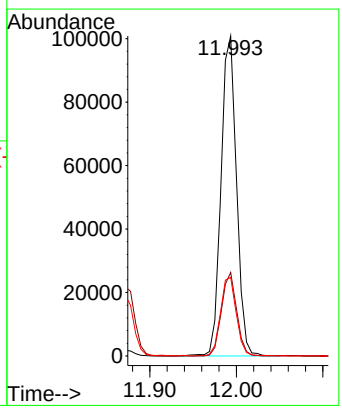
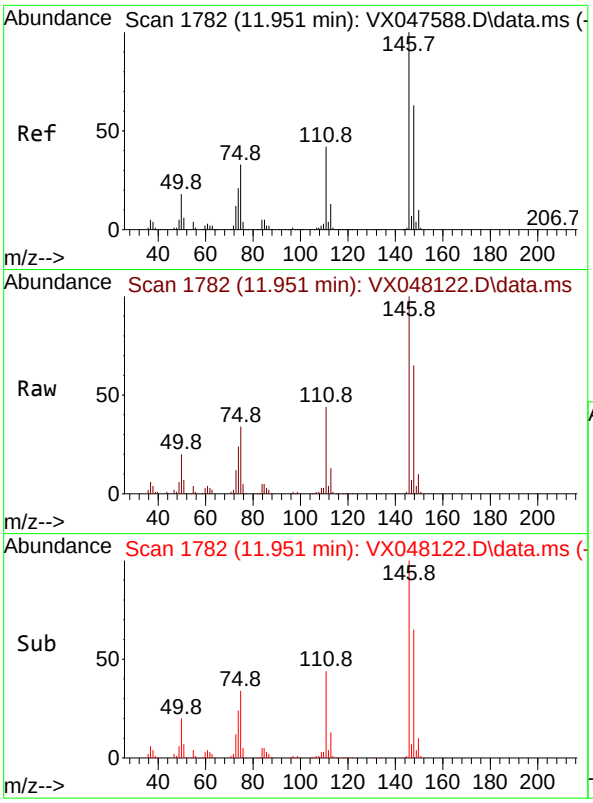


#86
p-Isopropyltoluene
Concen: 18.992 ug/l
RT: 11.993 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:119 Resp: 125119

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.6	37.8
91	25.2	12.6	37.6

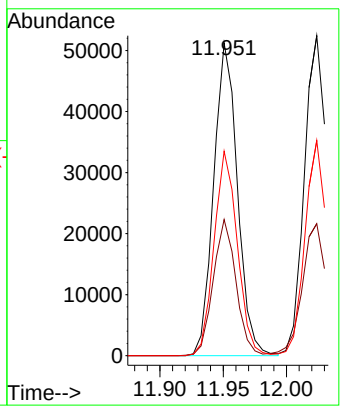




#87
1,3-Dichlorobenzene
Concen: 18.735 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:146 Resp: 6676

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.5	64.5
148	64.0	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

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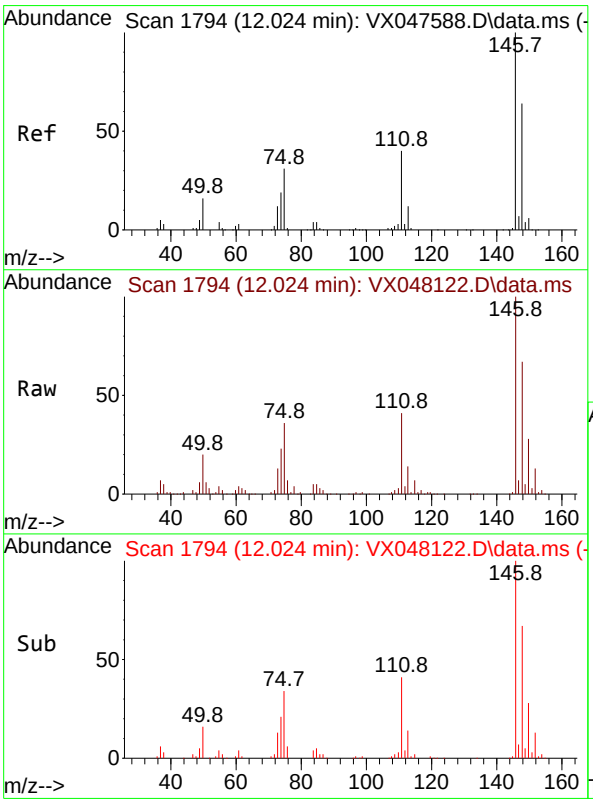
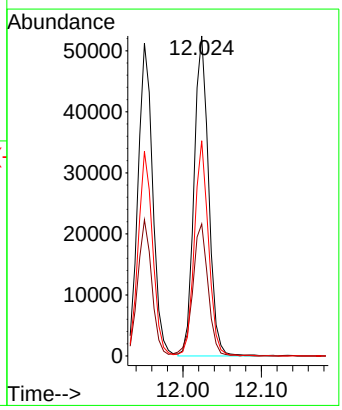
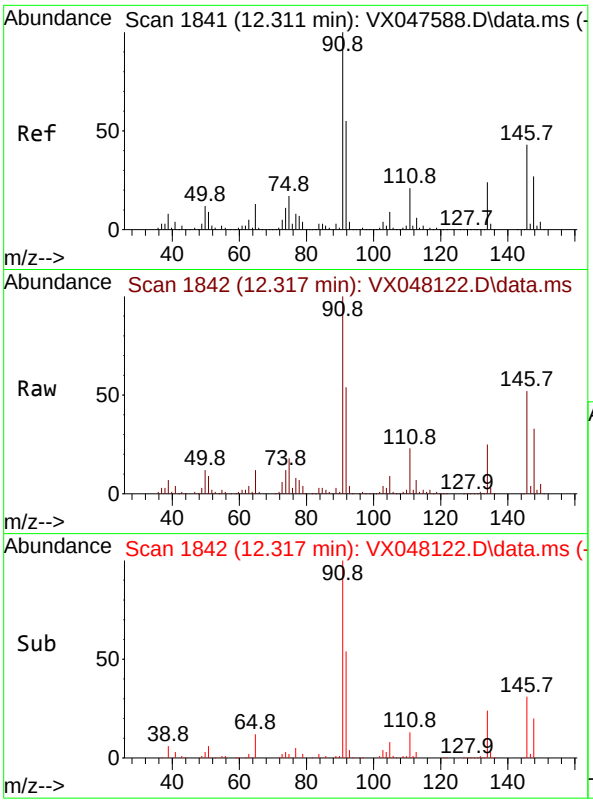


#88
1,4-Dichlorobenzene
Concen: 18.577 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:146 Resp: 67941

Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.8	62.4
148	64.9	31.7	95.1

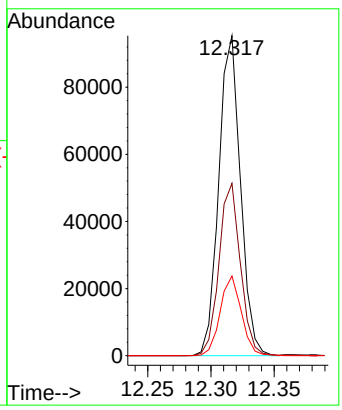




#89
n-Butylbenzene
Concen: 18.627 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 91 Resp: 11354

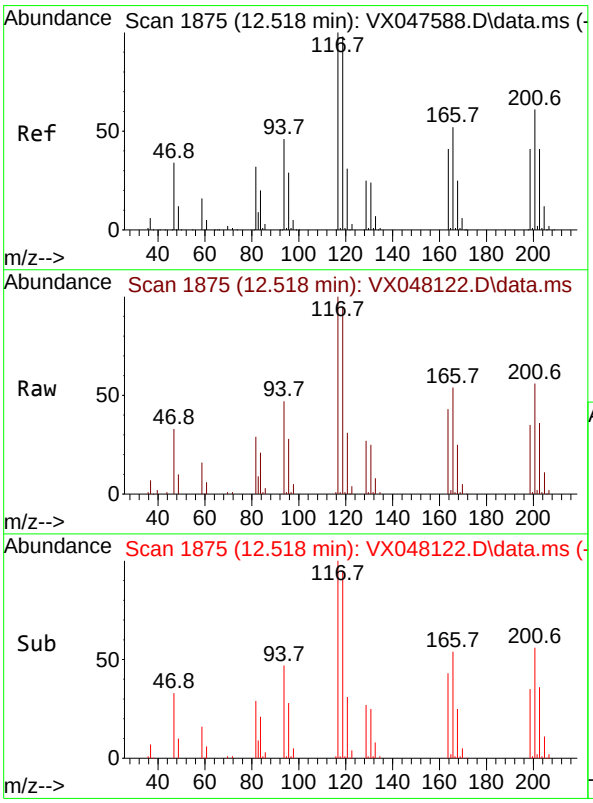
Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.6	82.7
134	24.3	12.6	37.8



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Manual Integrations
APPROVED

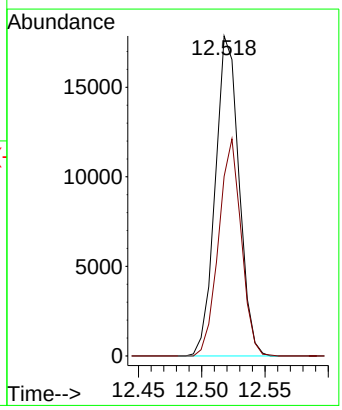
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

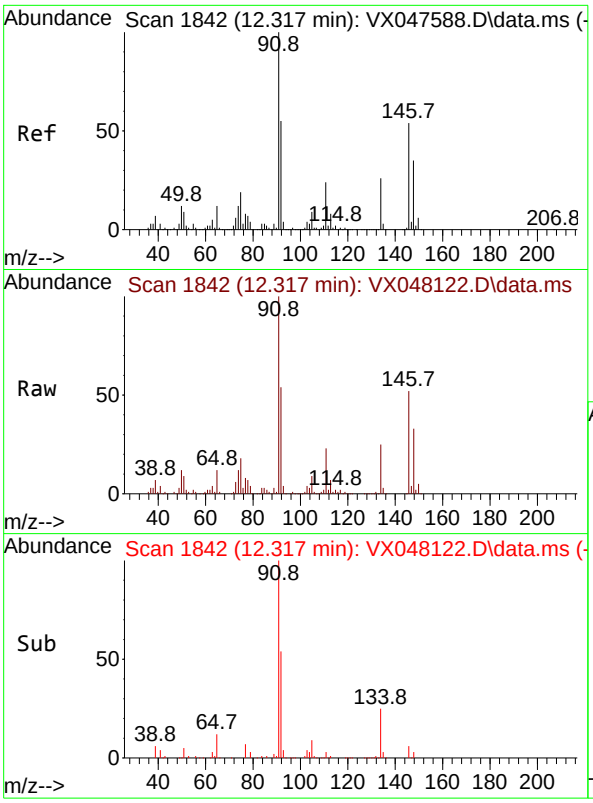


#90
Hexachloroethane
Concen: 20.103 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:117 Resp: 23252

Ion	Ratio	Lower	Upper
117	100		
201	64.7	34.2	102.5

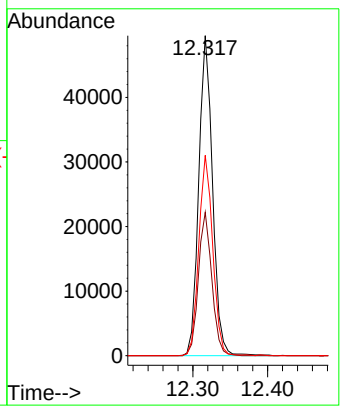




#91
1,2-Dichlorobenzene
Concen: 18.656 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:146 Resp: 6333

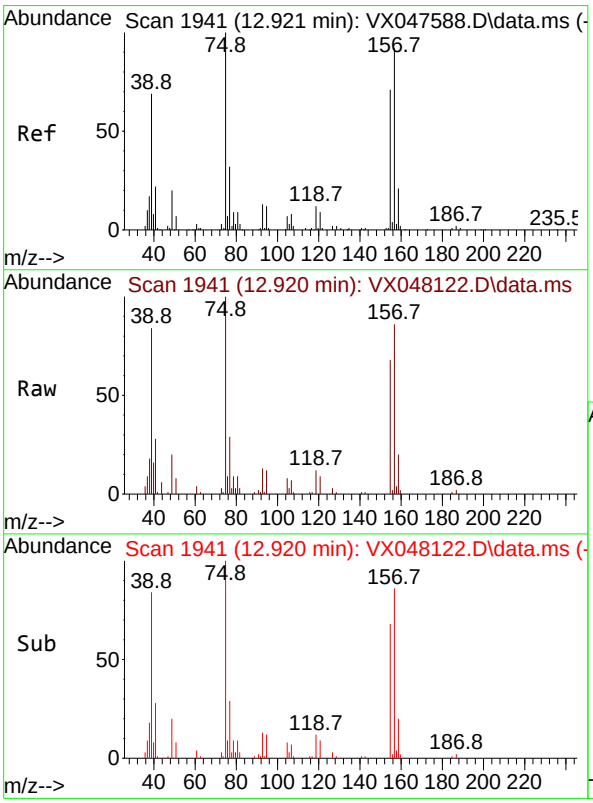
Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	63.2	31.8	95.4



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Manual Integrations APPROVED

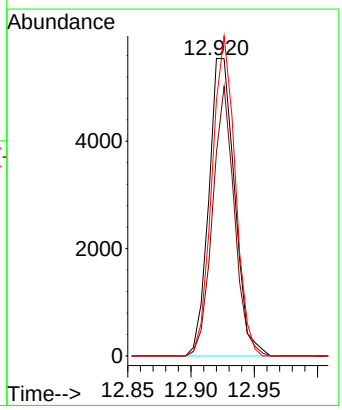
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

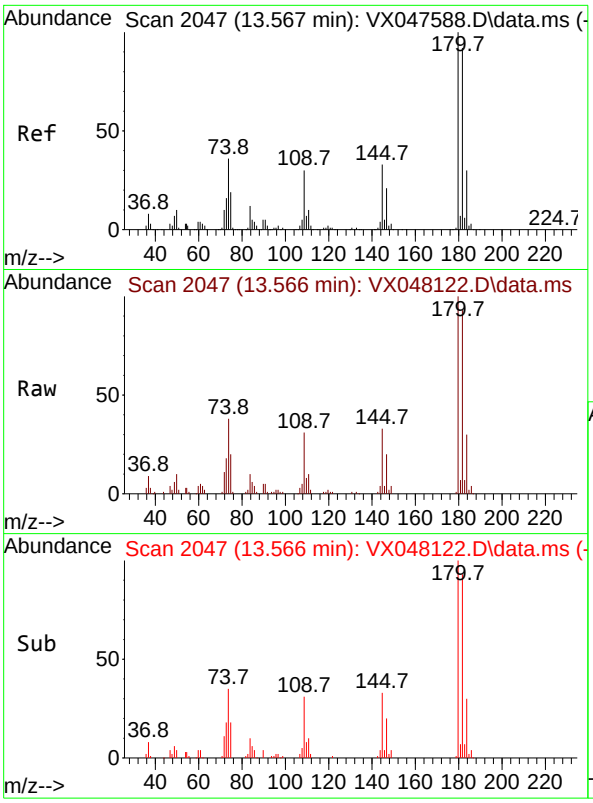


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.469 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 75 Resp: 7858

Ion	Ratio	Lower	Upper
75	100		
155	76.7	37.7	113.1
157	96.9	49.8	149.4

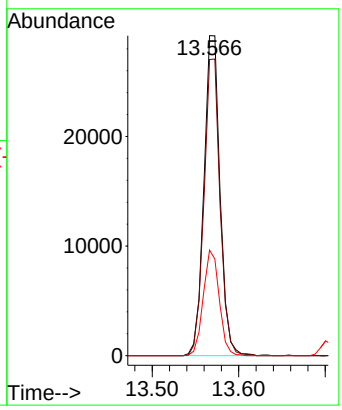




#93
1,2,4-Trichlorobenzene
Concen: 17.095 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:180 Resp: 3771

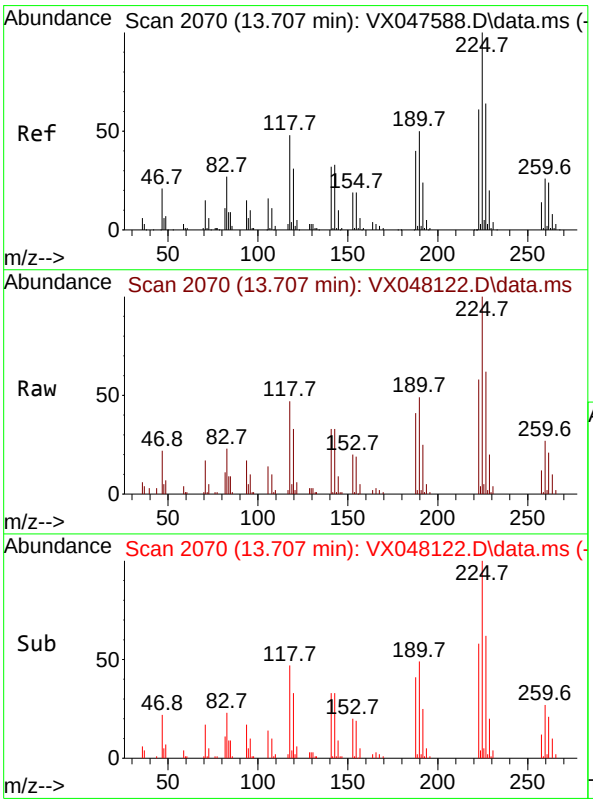
Ion	Ratio	Lower	Upper
180	100		
182	92.6	46.6	139.8
145	32.6	16.4	49.1



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Manual Integrations
APPROVED

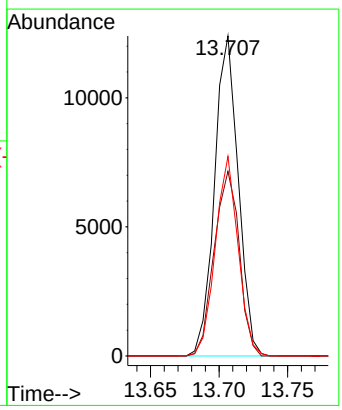
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025

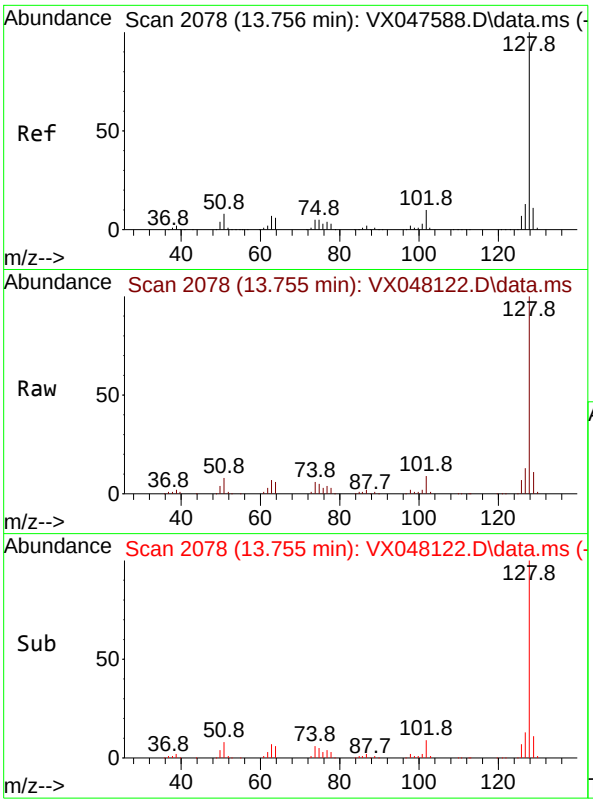


#94
Hexachlorobutadiene
Concen: 19.883 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:225 Resp: 14901

Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.7	95.1
227	60.0	32.0	96.0

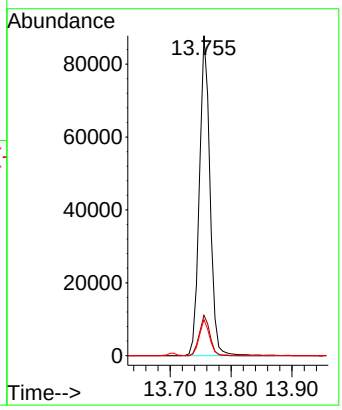




#95
Naphthalene
Concen: 15.812 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:128 Resp: 10623

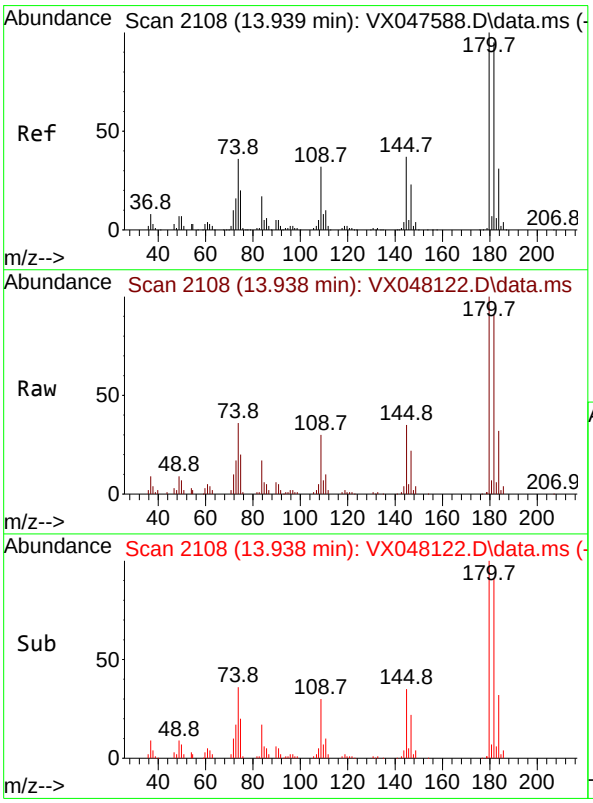
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.9	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Manual Integrations
APPROVED

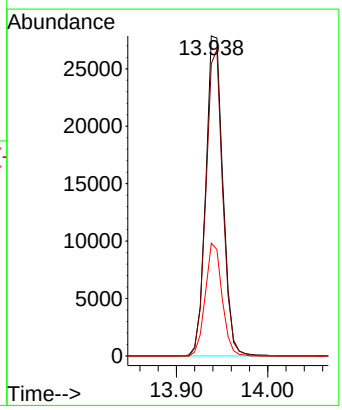
Reviewed By :John Carlone 10/13/2025
Supervised By :Mahesh Dadoda 10/13/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.615 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:180 Resp: 36153

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.6	142.8
145	34.5	17.9	53.7



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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:	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
VX1010WBSD01	VX048122.D	1,2,3-Trichloropropane	JOHN	10/13/2025 8:14:29 AM	MMDadoda	10/13/2025 2:17:59 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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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

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

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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	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

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Prep Standard - Chemical Standard Summary

Order ID : Q3324

Test : VOC-TCLVOA-10

Prepbatch ID :

Sequence ID/Qc Batch ID: VX101025,VX101325,

Standard ID :
VP134142,VP134149,VP134933,VP134956,VP134957,VP135480,VP135552,VP135802,VP135803,VP135804,VP135805,VP135806,VP135807,

Chemical ID :
V13391,V14200,V14204,V14205,V14290,V14509,V14510,V14531,V14532,V14625,V14626,V14636,V14637,V14638,V14639,V14668,V14671,V14673,V14675,V14727,V14728,V14803,V14815,V14844,V14906,V14928,V14929,V14951,V14952,V15066,V15067,V15068,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
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

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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
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

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VOC STANDARD PREPARATION LOG

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

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

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VOC STANDARD PREPARATION LOG

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

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

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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	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	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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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)	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 #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14636

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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	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

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

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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	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	A0220471	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14803

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

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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	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

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 #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15066

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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 #
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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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
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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

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

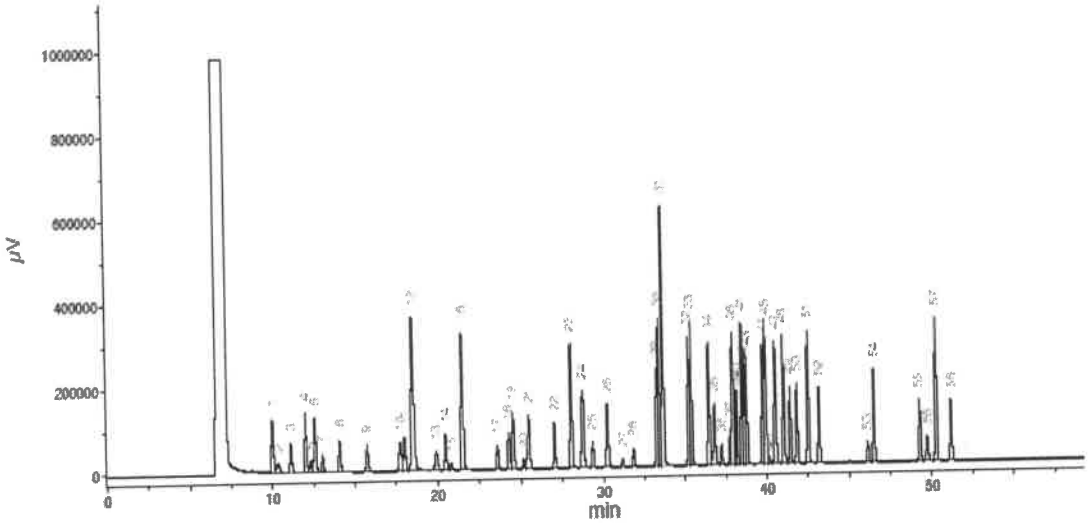
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached 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	20.46
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	41.33
51	n-Butylbenzene	42.32
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. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		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

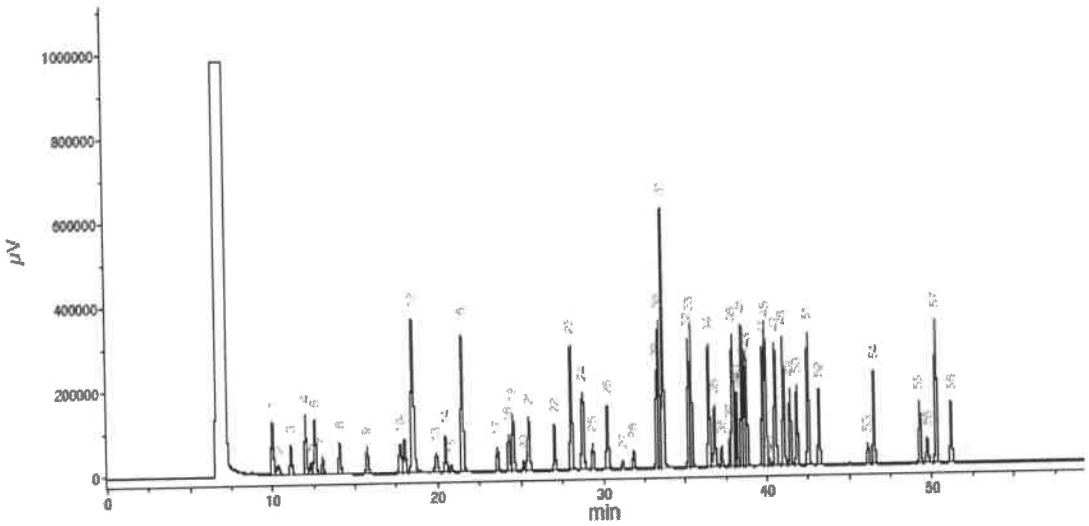
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached 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	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	27.02
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	35.23
33	Styrene	35.30
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. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		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 09/16/24 2 Vials

ANAB ISO 17034 Accredited
AR-1539 Certificate Numb
https://Absolutestandards.co...

CERTIFIED WEIGHT REPORT

Part Number:	91980
Lot Number:	091424
Description:	Acrolein
Expiration Date:	101424
Recommended Storage:	Refrigerate (4 °C)
Nominal Concentration (µg/mL):	5000
NIST Test ID#:	6UTB

Solvent(s): **Lot#**
Water 072324Q

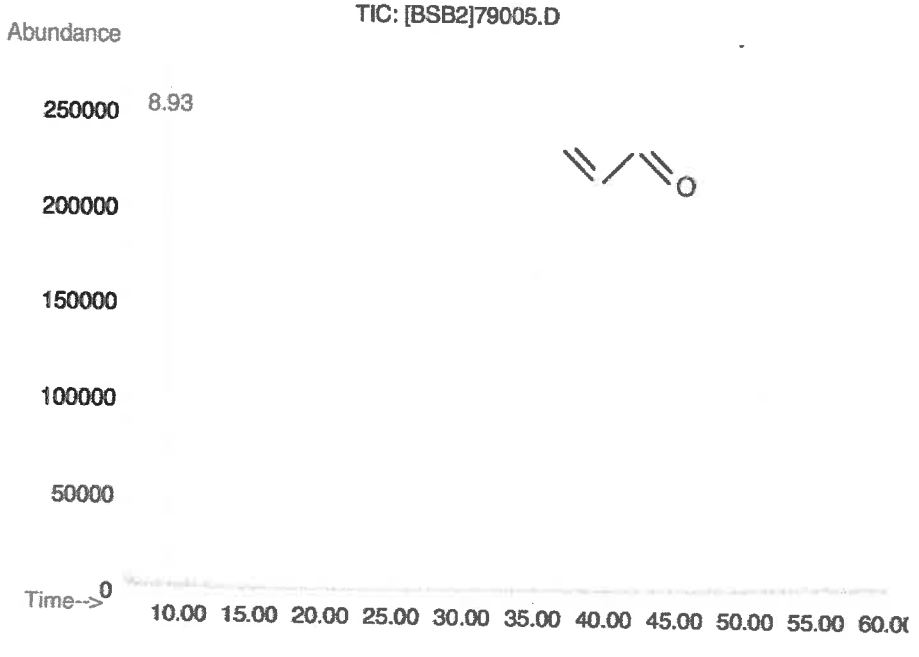
Weight(s) shown below were combined and diluted to (mL): 10.0 — 5E-05 Balance Uncertainty; 0.001 Flask Uncertainty

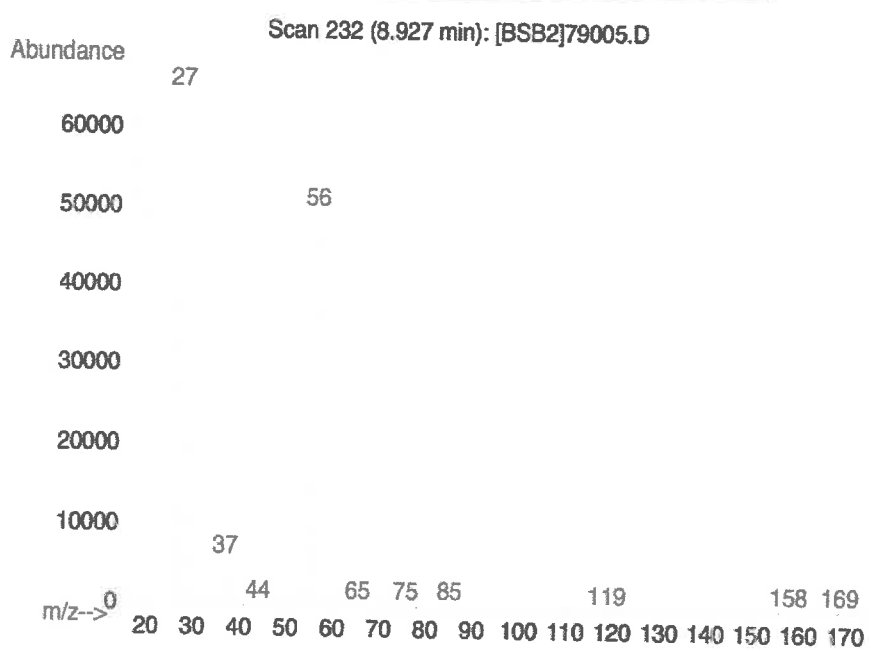
Justin Dippold 091424
Formulated By: Justin Dippold DATE

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.
- 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.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/24 2 Vials

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AR-1539 Certificate Numb
https://Absolutestandards.co...

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

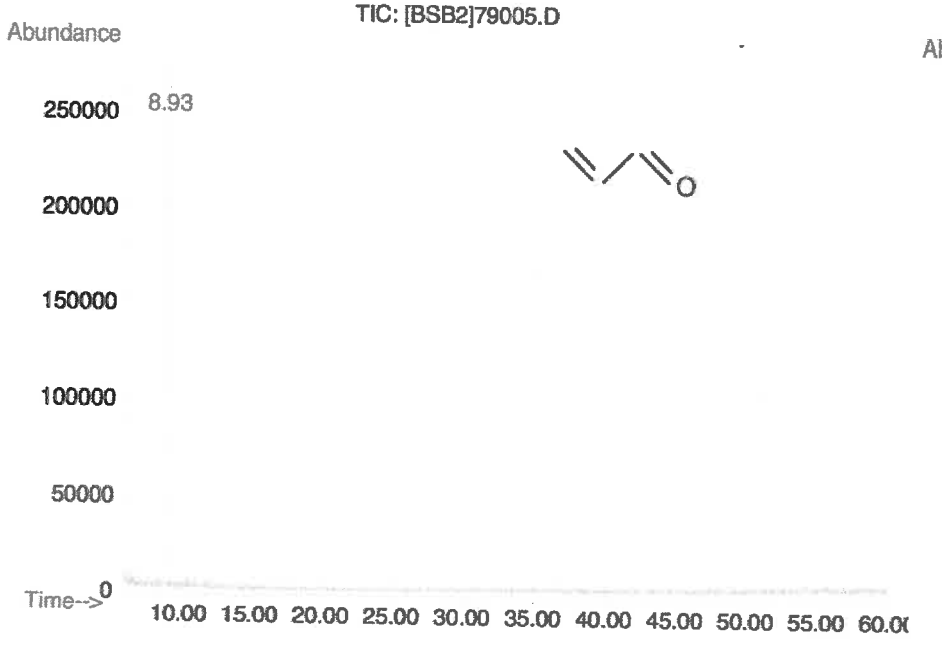
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

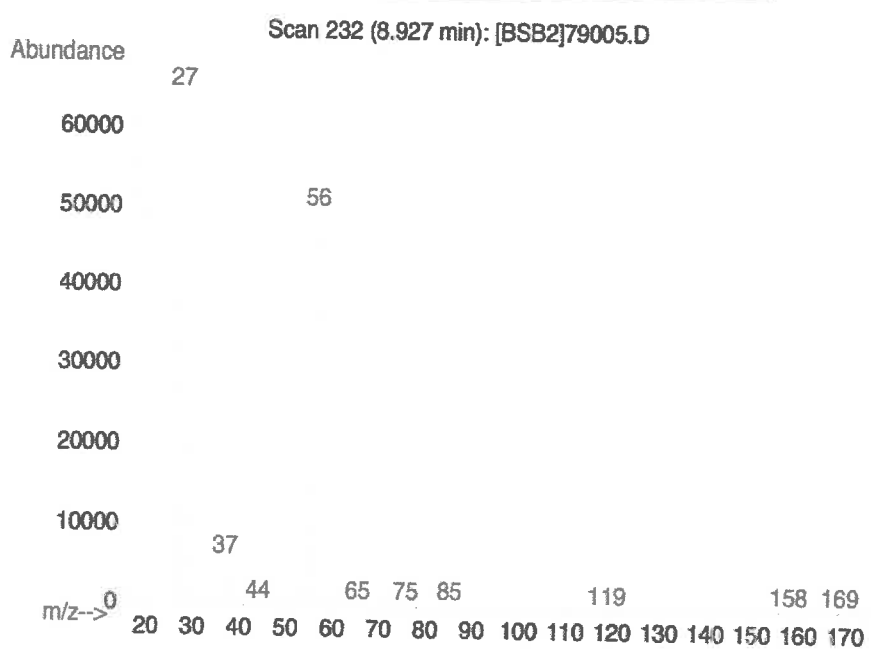
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

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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- 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).

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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

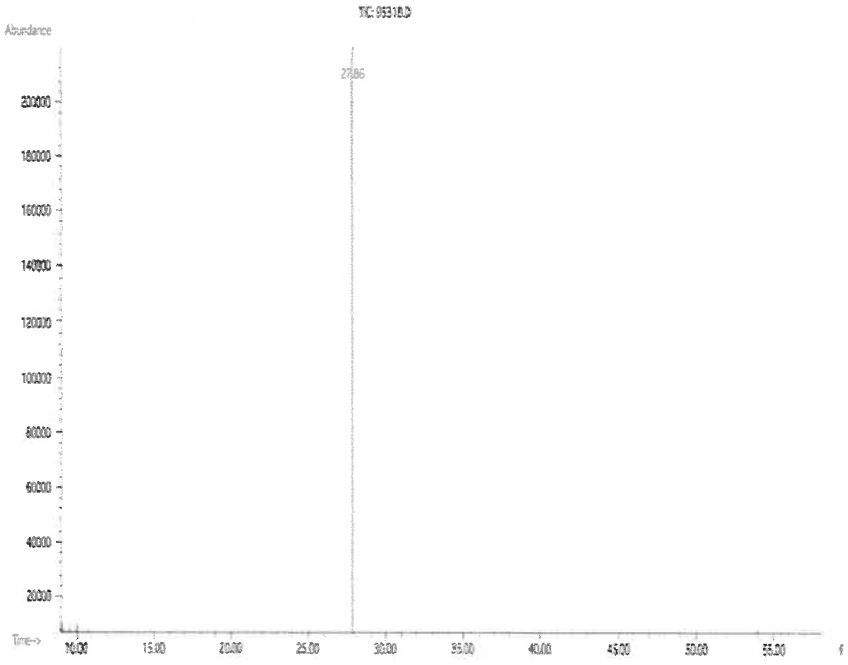
Solvent(s): Methanol **Lot#** EJ143-US

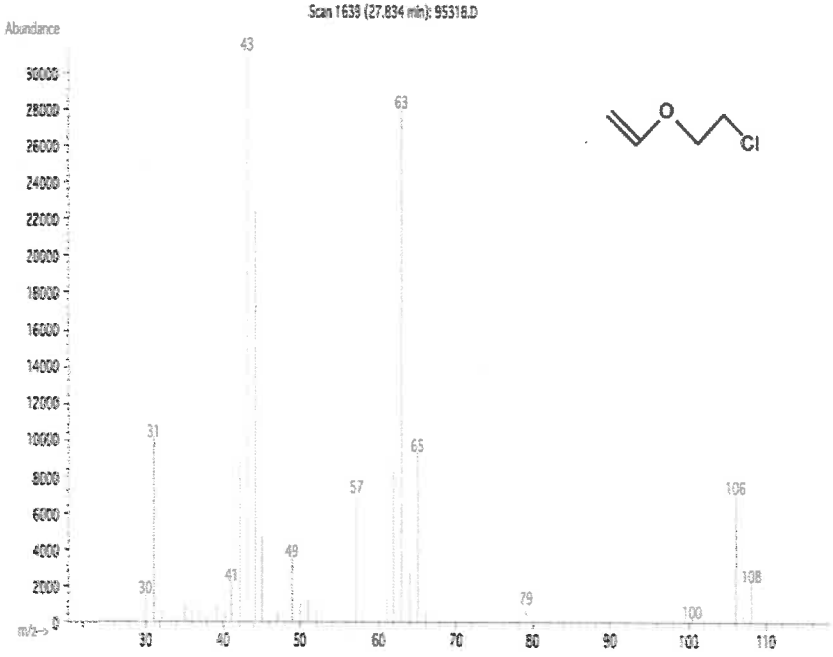
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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.





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- 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).

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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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Certified Reference Material CRM

Rec 12/6/24
20 vial

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

Solvent(s): Methanol **Lot#** EJ143-US

V14630 to V14649

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

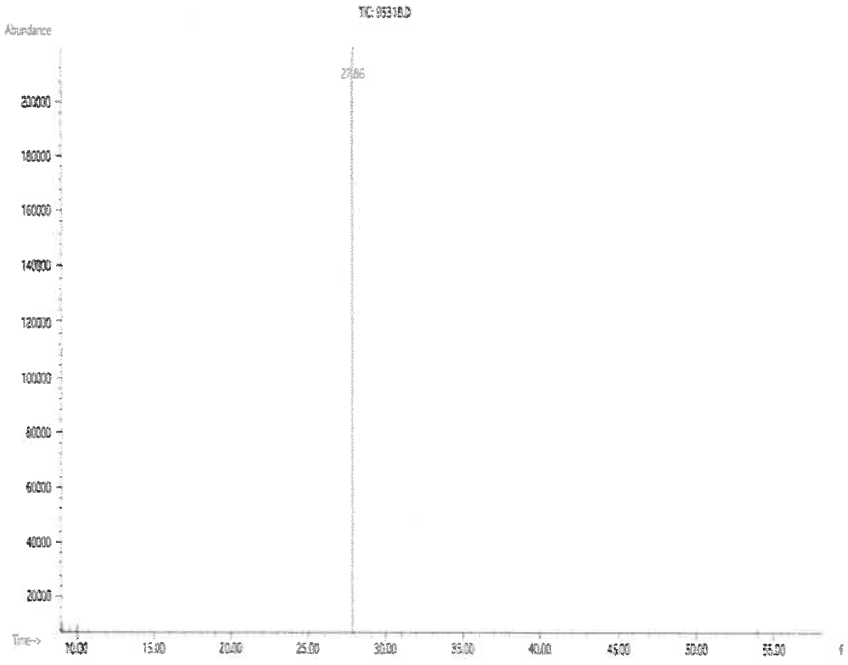
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

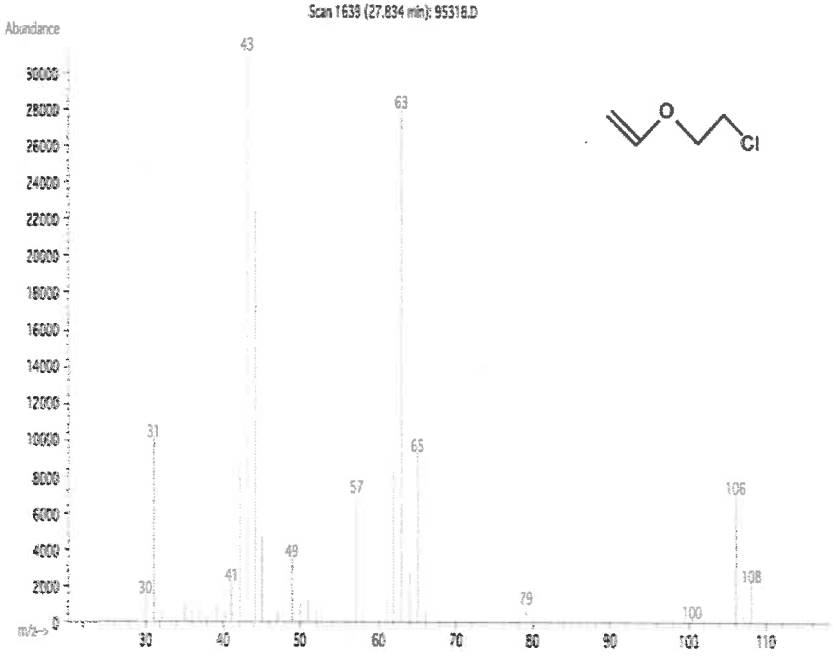
Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro L. 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

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

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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
0.001 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan	120524	
Formulated By:	Prashant Chauhan	DATE
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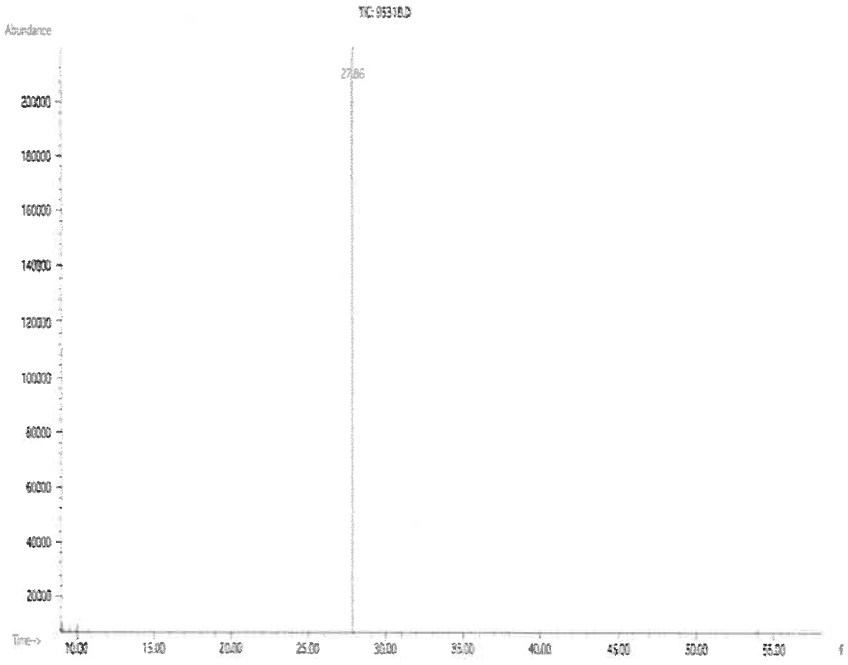
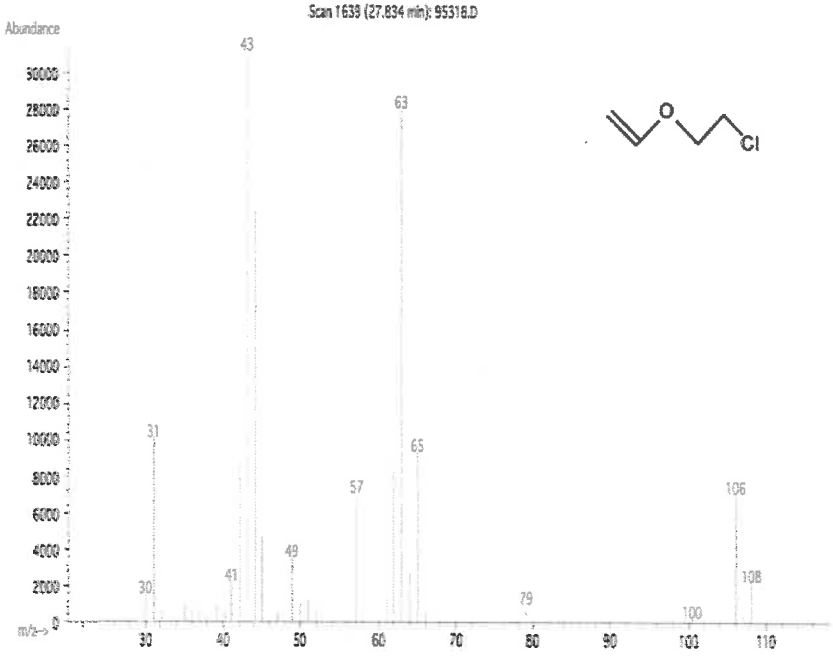
Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	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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Section II - Hazards Identification

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Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

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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

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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

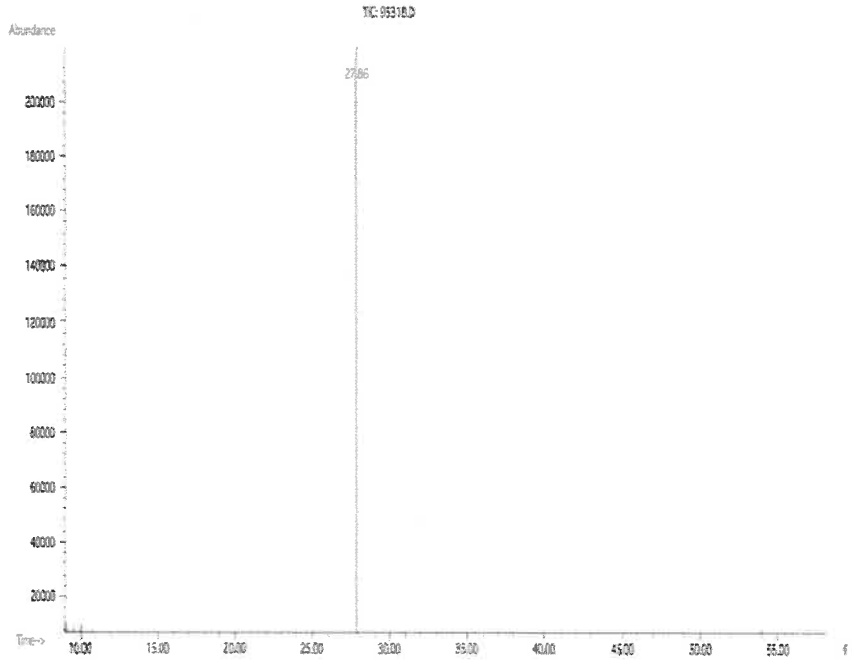
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

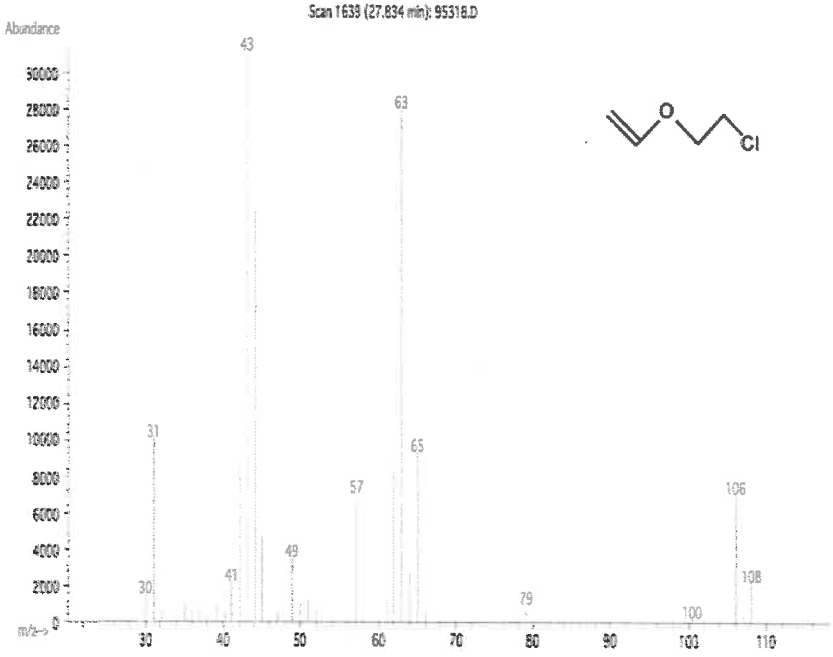
Prashant Chauhan 120524
Formulated By: Prashant Chauhan DATE

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

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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Fax: 1-814-353-1309

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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.)

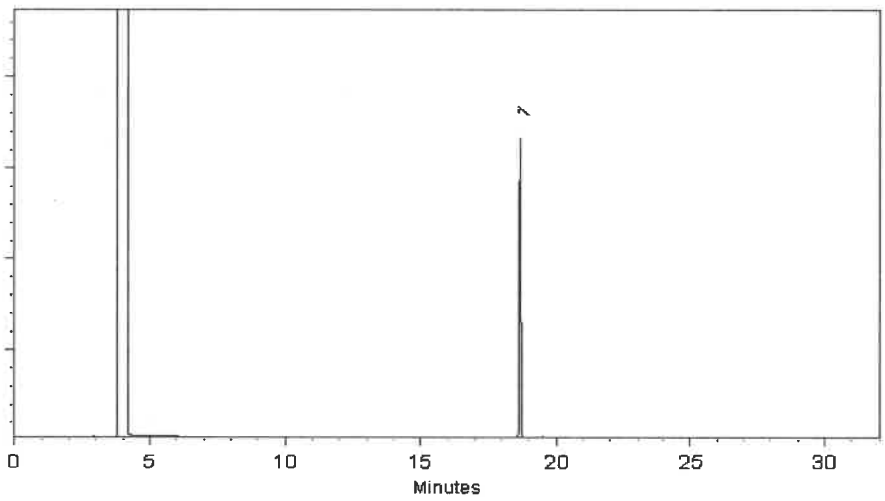
Inj. Temp:
200°C

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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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.)

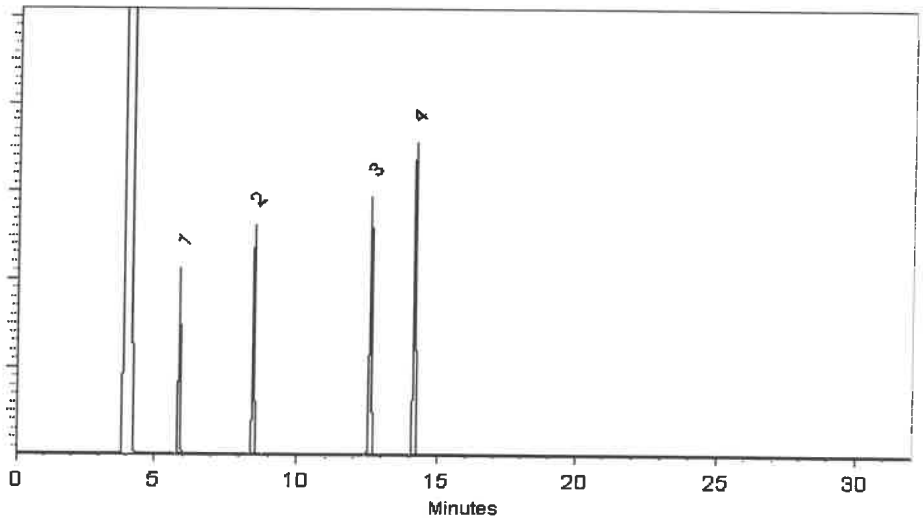
Inj. Temp:
200°C

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.
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 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.)

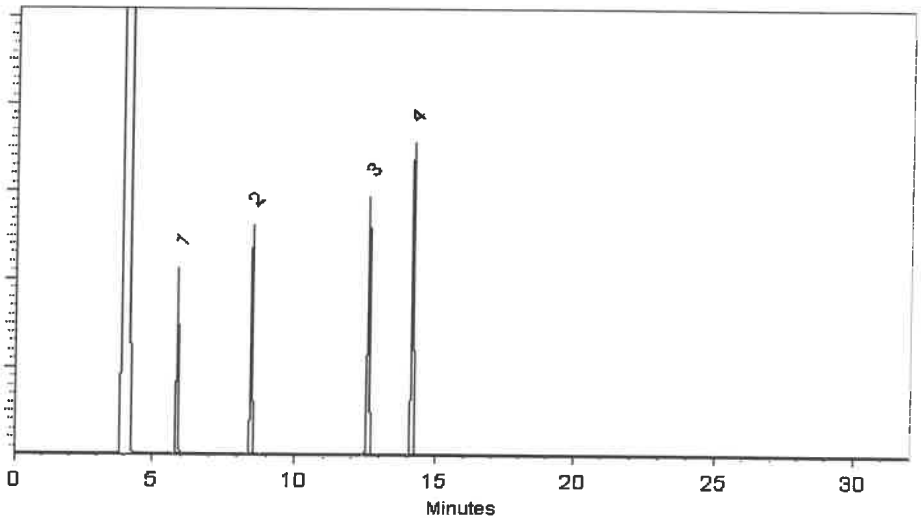
Inj. Temp:
200°C

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.
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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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.)

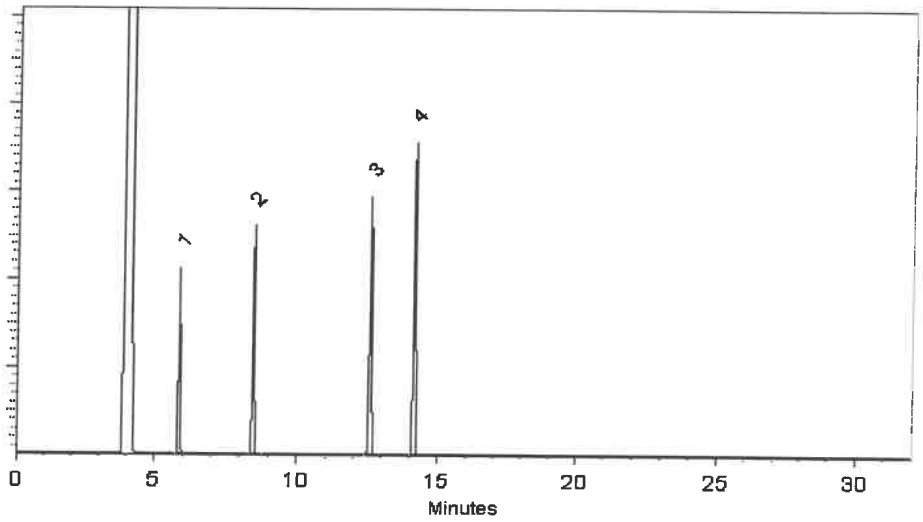
Inj. Temp:
200°C

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.
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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. : 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.
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- Purity values are rounded to the nearest whole number.

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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CERTIFIED REFERENCE MATERIAL

Rec: 12/09/24

Certificate of Analysis

chromatographic plus

V14667
V14676

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ISO 17034 Accredited
Reference Material Producer
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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.)

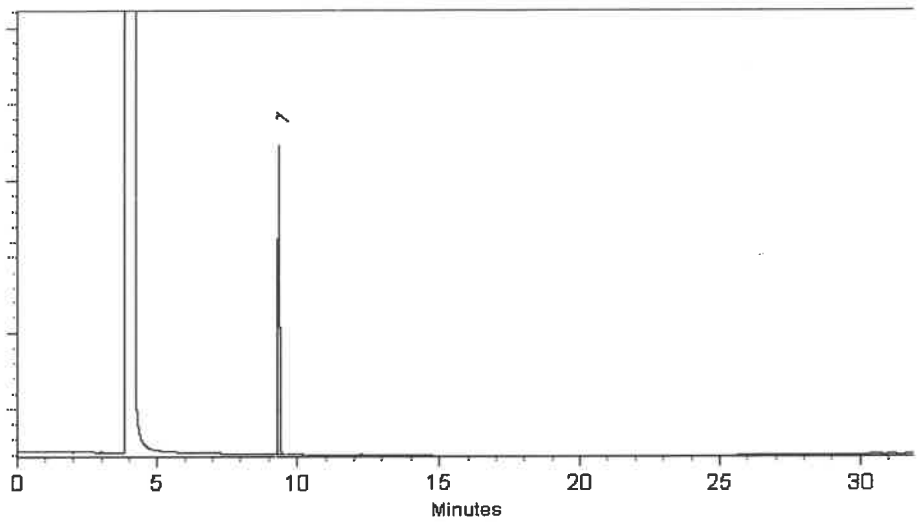
Inj. Temp:
200°C

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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Rec: 12/09/24

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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. : 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.)

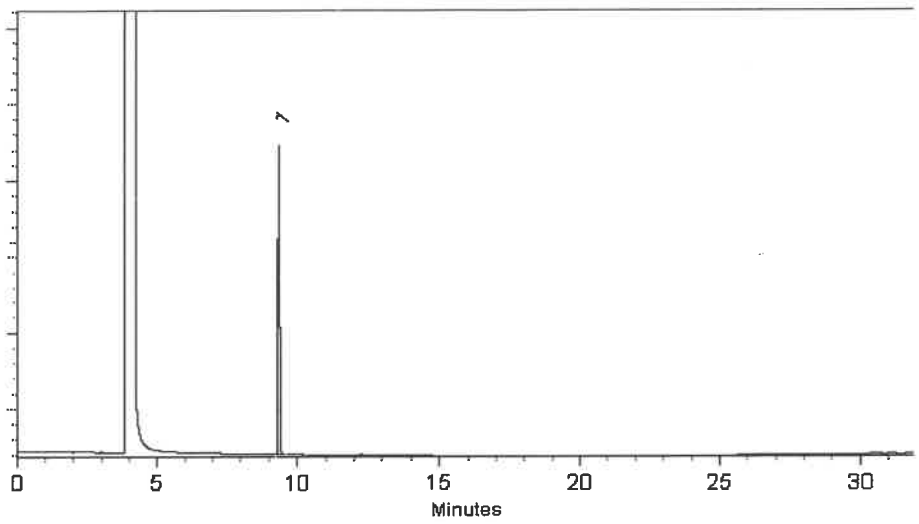
Inj. Temp:
200°C

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.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

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Manufacturing Notes:

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

Handling Notes:

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CERTIFIED REFERENCE MATERIAL

Rec: 12/09/24

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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.)

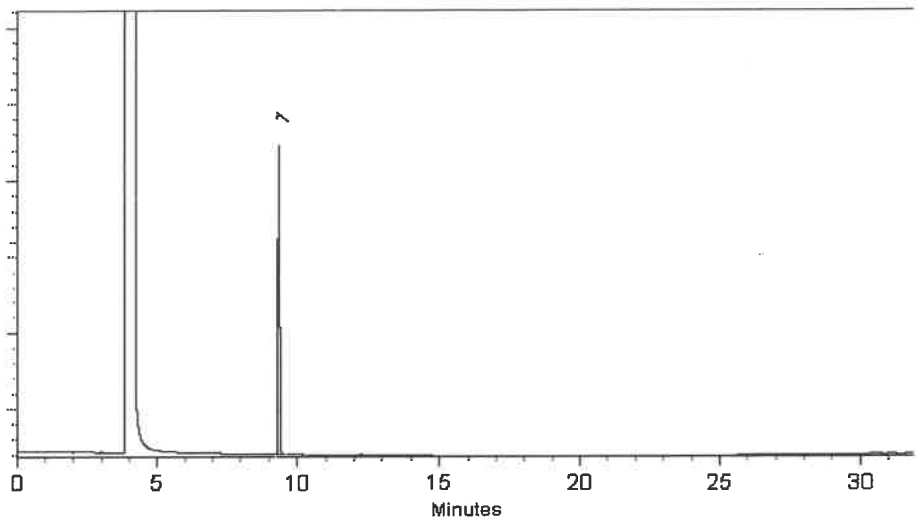
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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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:

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Manufacturing Notes:

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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
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hydrogen-constant pressure 11.0 psi.

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

Inj. Temp:
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Det. Temp:
250°C

Det. Type:
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Split Vent:
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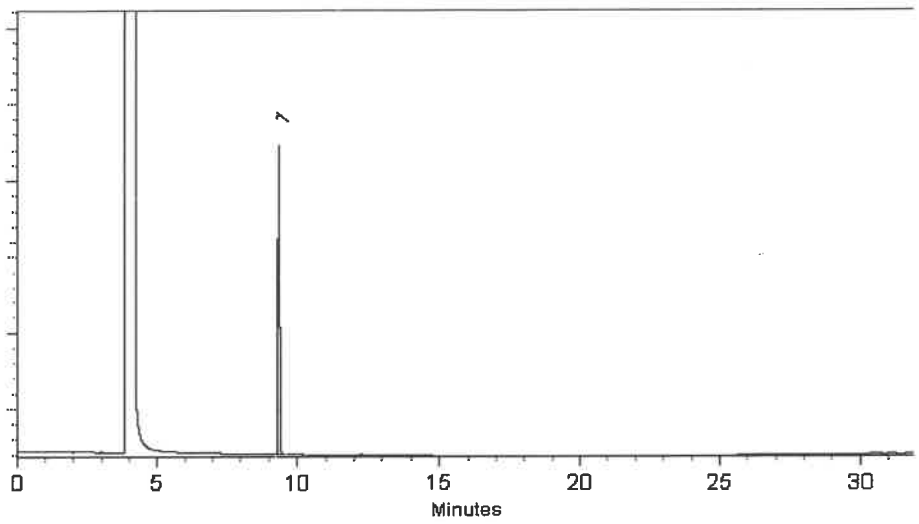
Inj. Vol
1µl



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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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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

chromatographic plus

V14727 to
V14756

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. : 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.

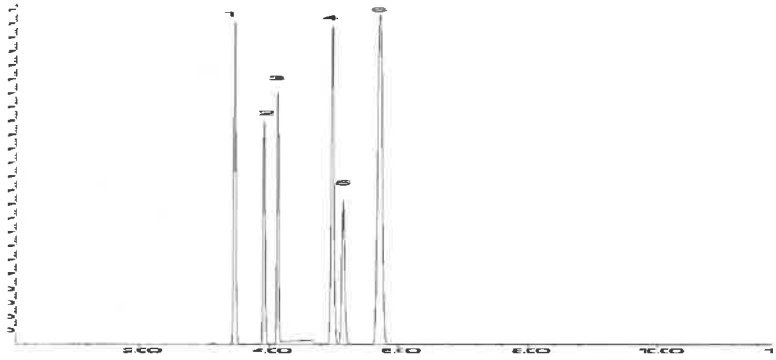
Inj. Temp:
200°C

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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110 Benner Circle
Bellefonte, PA 16823-8812
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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

chromatographic plus

V14727 to
V14756

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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
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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.

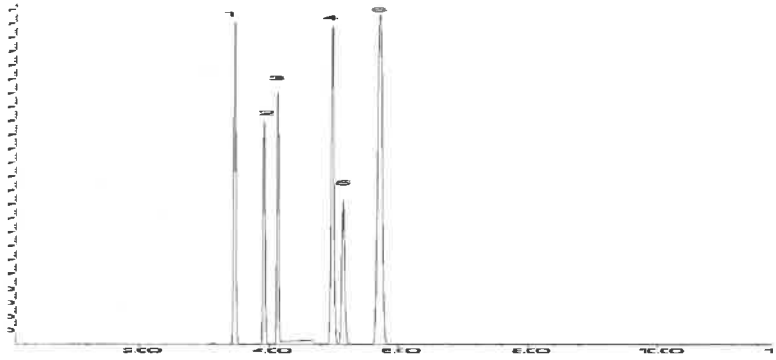
Inj. Temp:
200°C

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.
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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.
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ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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.)

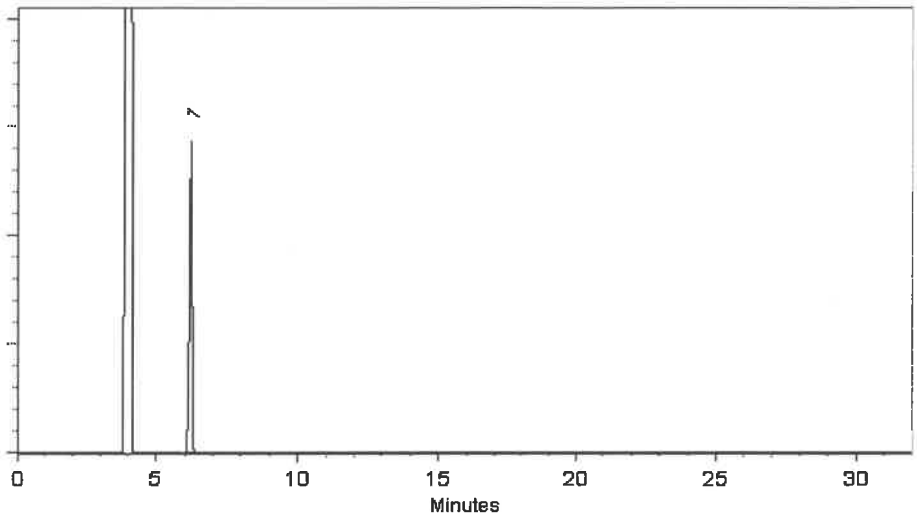
Inj. Temp:
200°C

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.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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

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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.
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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.)

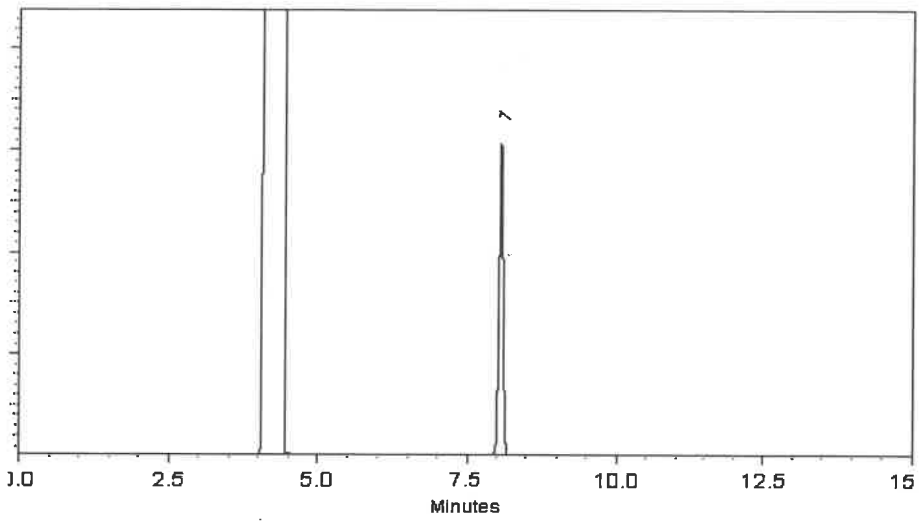
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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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.
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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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Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Handling Notes:

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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

V14803 - V14822

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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.)

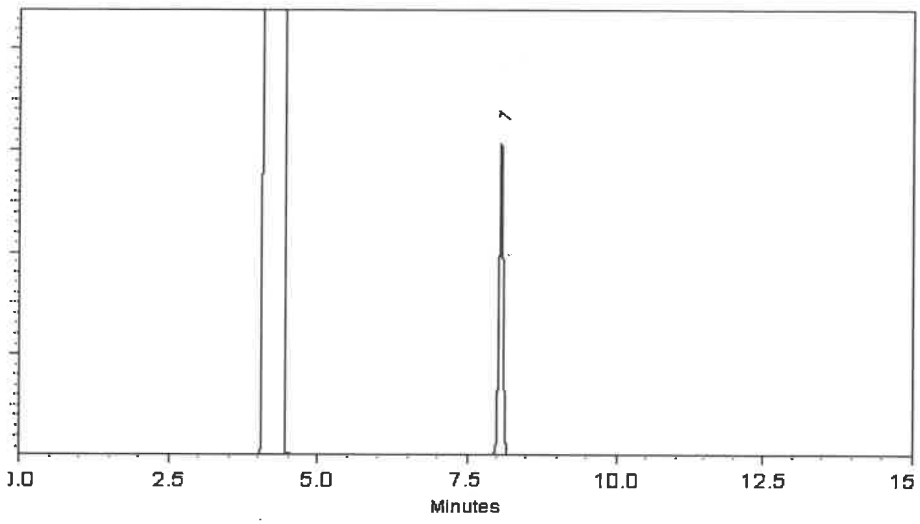
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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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:

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Certified Uncertainty Value Notes:

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10 vial

CERTIFIED REFERENCE MATERIAL

Lee 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:

- 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.

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

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Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
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For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
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Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Lee 05119125

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

www.restek.com

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 05/19/25

RESTEK

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

www.restek.com

CERTIFIED REFERENCE MATERIAL
2 x Vial

Certificate of Analysis

chromatographic plus

VJ14951 to VJ14970

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

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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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

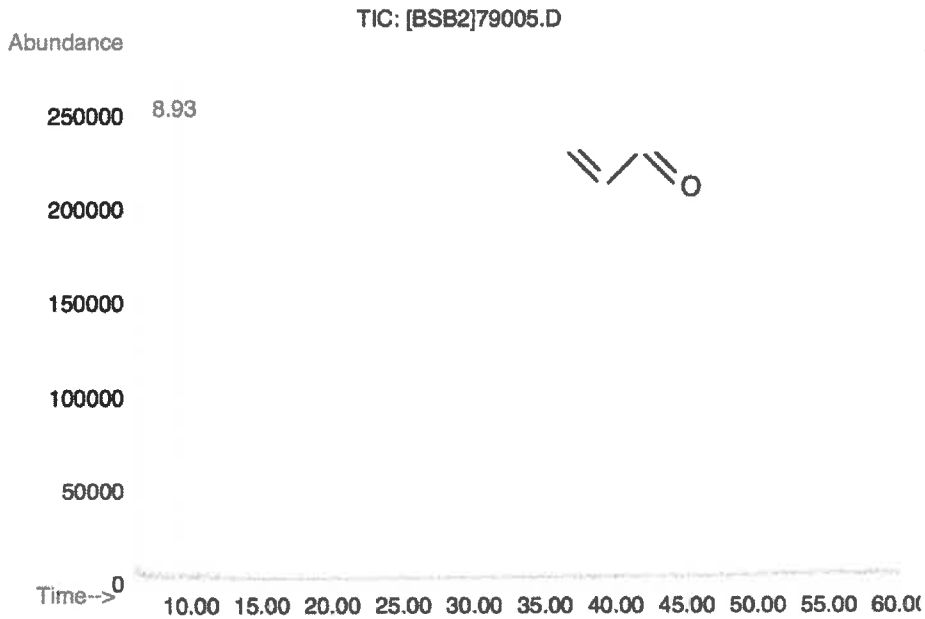
V15064 to V15068

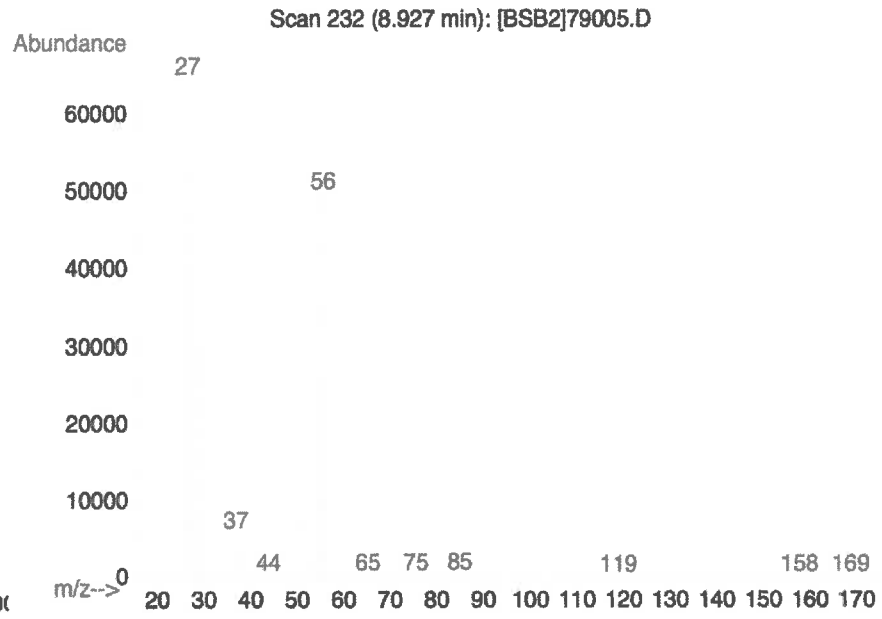
Expiration Date: 101525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

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.
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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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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

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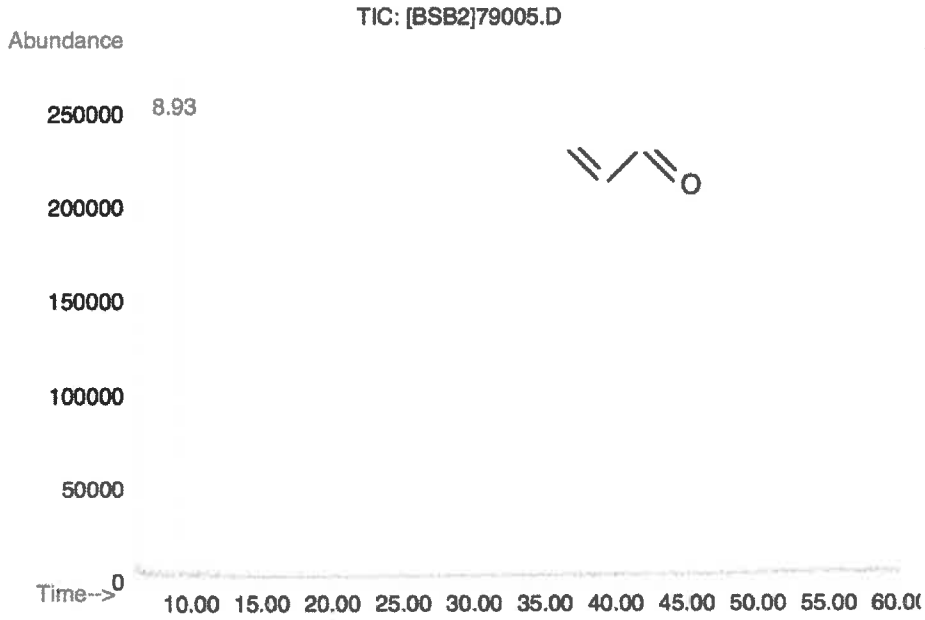

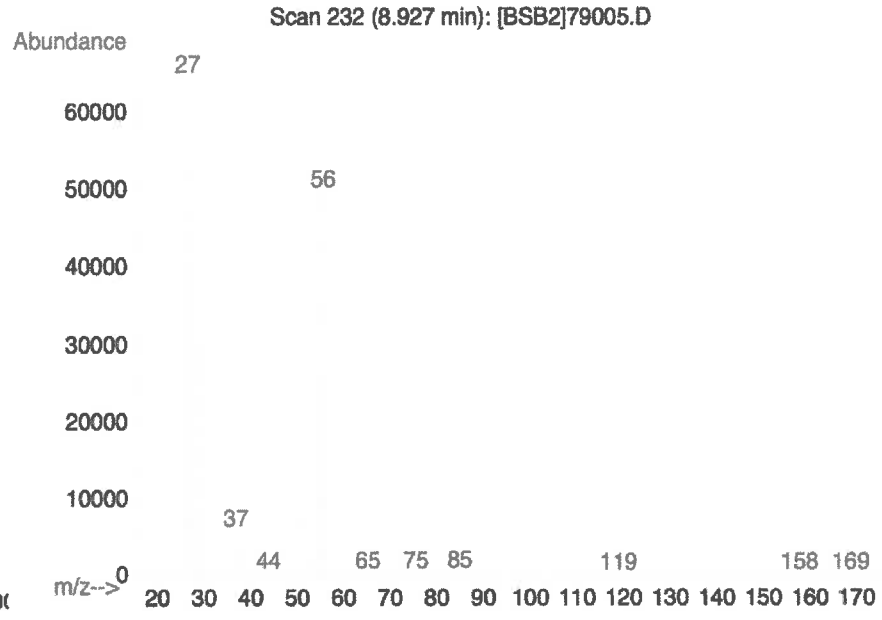

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Rev 1.0, 2/25/2025

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Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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
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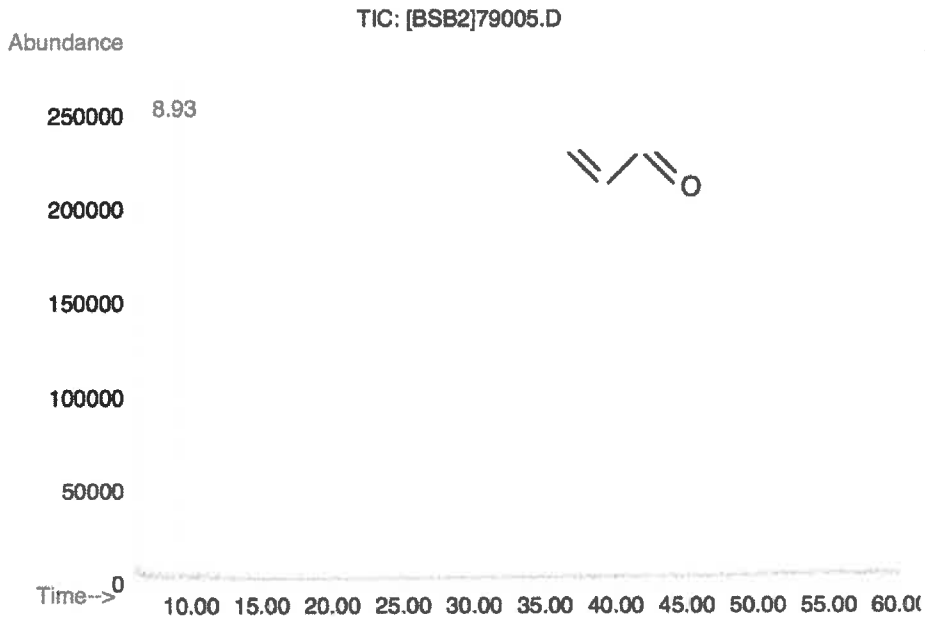

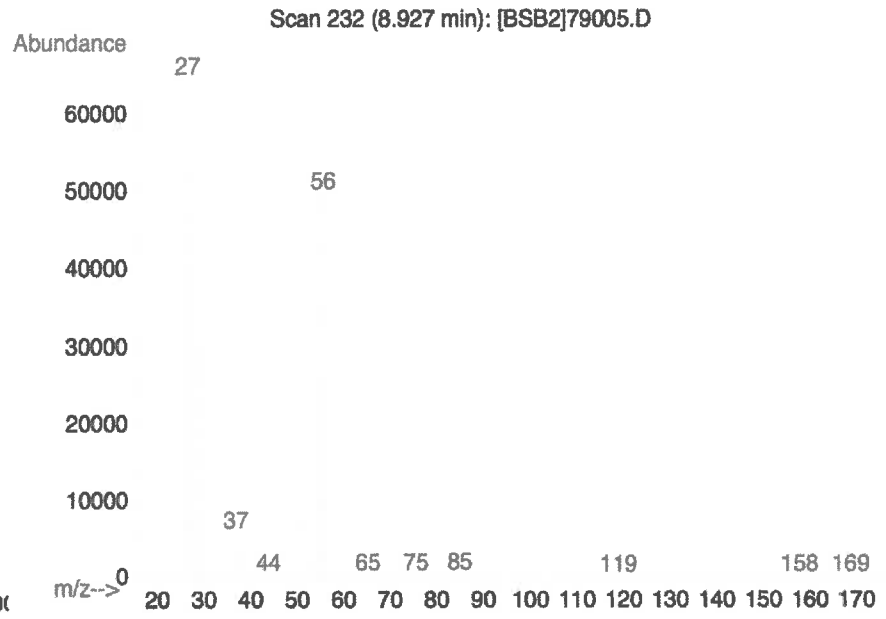

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Rev 1.0, 2/25/2025

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Chemtech Project Number: Q3324

COC Number:

CLIENT INFORMATION

COMPANY: Tetra Tech
ADDRESS: 4433 Corporation Lane Suite 300
CITY: Virginia Beach STATE: VA ZIP: 23462
ATTENTION: Ernie Wu
PHONE: 757-466-4901 FAX: 757-461-4148

PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT #: 112G08005-WE13 LOCATION: VPB-184
PROJECT MANAGER: Ernie Wu
E-MAIL: ernie.wu@tetratech.com
PHONE: 757-466-4901 FAX: 757-461-4148

BILLING INFORMATION

BILL TO: SEE CONTRACT PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 2 & 10 DAYS*
HARD COPY: 2 & 10 DAYS*
EDD 2 & 10 DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other

ANALYSIS

1	2	3	4	5	6	7	8	9
VOC(SW846-8260B)	1,4 Dioxane (8270 SIM)							

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	2	3	4	5	6	7	8	9	COMMENTS
1.	BP-VPB-184-TB-20251006	QA		X	10/6/25	9:00	2	2									Trip Blank
2.	BP-VPB-184-EB-20251009	QA		X	10/9/25	8:45	3	2	1								Equipment Blank
3.	BP-VPB-184-GW-760-762	AQ		X	10/6/25	15:21	3	3									
4.	BP-VPB-184-GW-780-782	AQ		X	10/7/25	12:16	4	3	1								
5.	BP-VPB-184-GW-820-822	AQ		X	10/8/25	15:16	4	4									See TAT
6.	BP-VPB-184-GW-840-842	AQ		X	10/9/25	11:02	4	3	1								See TAT
7.	BP-VPB-184-GW-860-862	AQ		X	10/9/25	13:30	3	3									See TAT
8.	BP-VPB-184-DUP-20251009	QA		X	10/9/25	12:00	3	3									8260B Duplicate
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1.	DATE/TIME 10/9/25 1600	RECEIVED BY 1.	1755 10-9-25
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	
RELINQUISHED BY 3.	DATE/TIME 10-9-25	RECEIVED FOR LAB BY 3.	

Conditions of bottles or coolers at receipt: q Compliant q Non Compliant q Cooler Temp 2.2c
MeOH extraction requires an additional 4oz. Jar for percent solid q Ice in
Cooler?:
Comments: 2 Day TAT for BP-VPB-184-GW-820-822, BP-VPB-184-GW-840-842, BP-VPB-184-GW-860-862, Else 5 Day TAT - **For VOC's see worksheet #15 of SAP 2018 for VPB program VOC list**
10-DAY TAT - **For 1,4 Dioxane (8270 SIM)**

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
CHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

Alliance TECHNICAL GROUP
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 : Q3324 TETR06
Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 10/10/2025 10:16:00 AM
Project Name : NWIRP Bethpage 112G080
Receive DateTime : ~~10/10/2025~~ 8:44:00 PM
10/09/2025
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : ADAPT
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3324-02	BP-VPB-184-TB-20251006	Water	10/06/2025	09:00					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3324-03	~~BP-VPB-184-GW-EB-20251009~~ BP-VPB-184-EB-20251009	Water	10/09/2025	08:45					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3324-04	BP-VPB-184-GW-760-762	Water	10/06/2025	15:21					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3324-05	BP-VPB-184-GW-780-782	Water	10/07/2025	12:16					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3324-06	BP-VPB-184-GW-840-842	Water	10/09/2025	11:02					
					VOC-TCLVOA-10		8260-Low		2 Bus. Days
Q3324-07	BP-VPB-184-GW-860-862	Water	10/09/2025	13:30					
					VOC-TCLVOA-10		8260-Low		2 Bus. Days
Q3324-08	BP-VPB-184-DUP-20251009	Water	10/09/2025	12:00					
					VOC-TCLVOA-10		8260-Low		5 Bus. Days
Q3324-09	~~BP-VPB-GW-820-822~~ BP-VPB-184-GW-820-822	Water	10/08/2025	15:16					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3324 TETR06
Client Name : Tetra Tech NUS, Inc.
Client Contact : Ernie Wu
Invoice Name : Tetra Tech NUS, Inc.
Invoice Contact : Ernie Wu

Order Date : 10/10/2025 10:16:00 AM
Project Name : NWIRP Bethpage 112G080
Receive DateTime : 10/10/2025 8:44:00 PM
Purchase Order : 10/09/2025

Project Mgr :
Report Type : Level 4
EDD Type : ADAPT
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	2 Bus. Days		

Relinguished By :
Date / Time : 10/10/25 1110

Received By :
Date / Time : 10/10/25 1110
Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:44:24 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	5.537	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	5.934	65	41500	10.583	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 21.160%#				
35) Dibromofluoromethane	5.367	113	31188	10.300	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 20.600%#				
50) Toluene-d8	8.628	98	103865	9.913	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 19.820%#				
62) 4-Bromofluorobenzene	11.061	95	47321	11.900	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 23.800%#				
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
5) Bromomethane	1.624	94	2304	1.107	ug/l		99
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
10) Methyl Iodide	2.459	142	3509	0.790	ug/l	#	86
11) Tert butyl alcohol	2.934	59	1850	4.236	ug/l	#	72
12) 1,1-Dichloroethene	2.325	96	2594	0.886	ug/l	#	80
13) Acrolein	2.239	56	1440	3.578	ug/l	#	65
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
31) Cyclohexane	5.458	56	4668	0.901	ug/l		90
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

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

Quant Time: Sep 22 01:44:24 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)
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
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	404	10.329	ug/l	#	52
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	4568	1.117	ug/l		80
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
81) trans-1,4-Dichloro-2-b...	11.006	75	960	0.599	ug/l	#	95
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	11.951	146	5907	0.819	ug/l		98
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

Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:44:24 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)

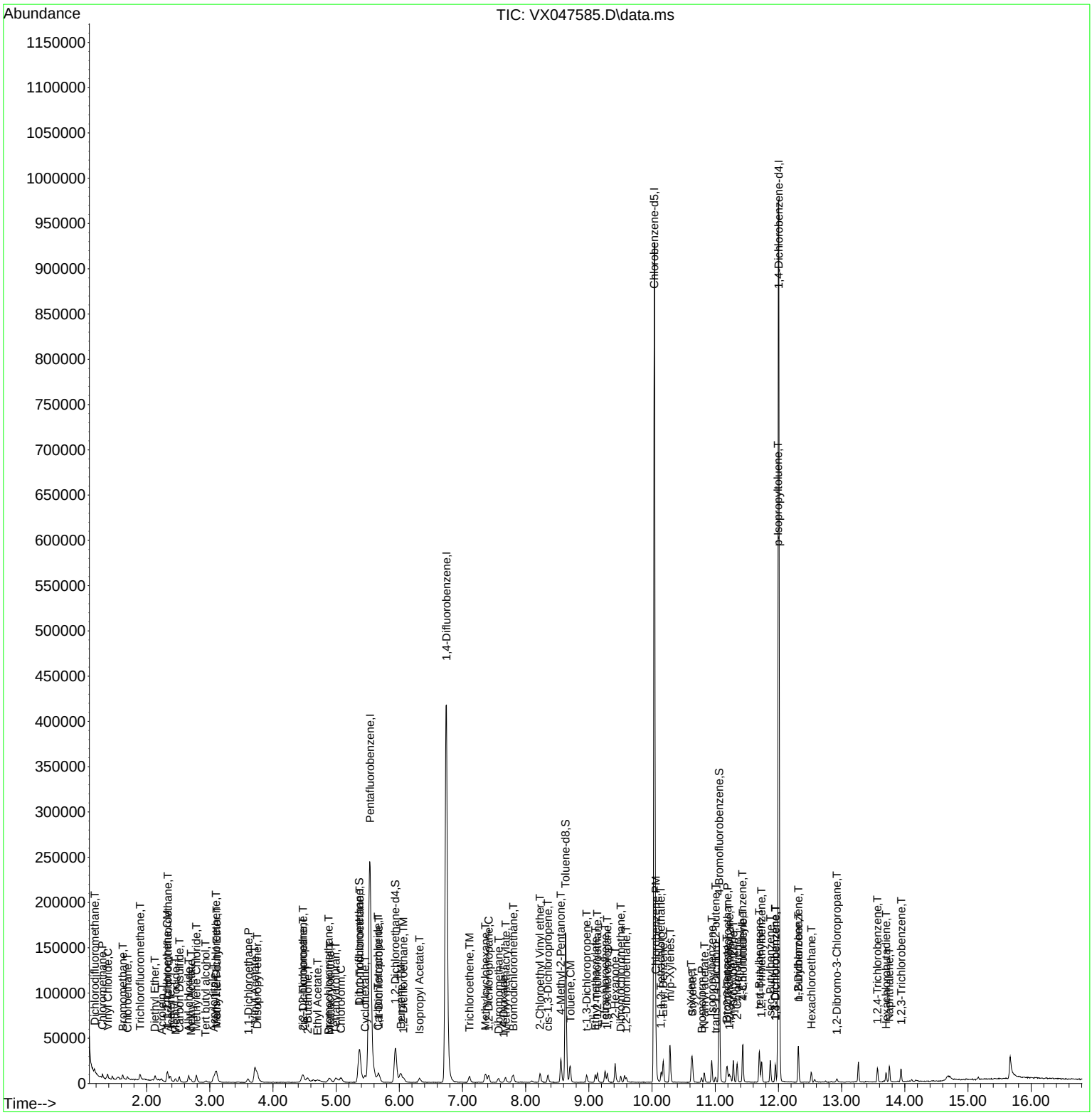
(#) = qualifier out of range (m) = manual integration (+) = signals summed

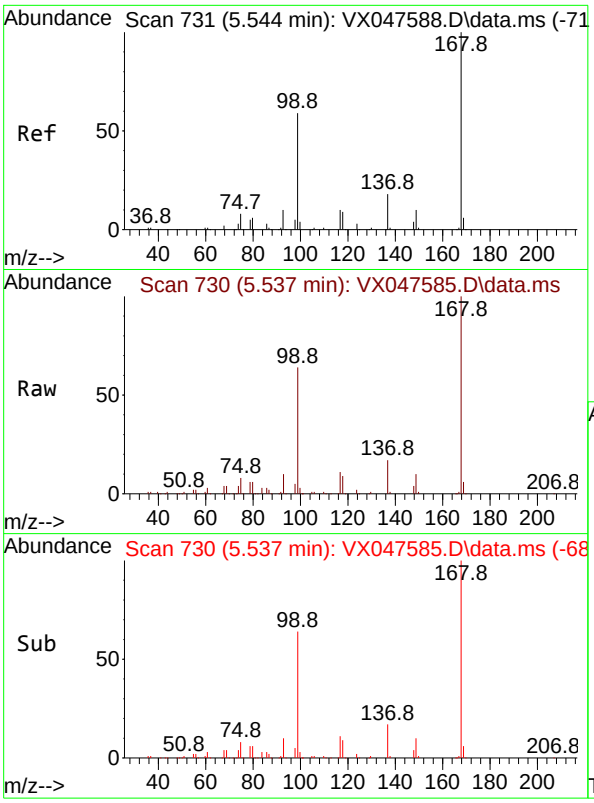
Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:44:24 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



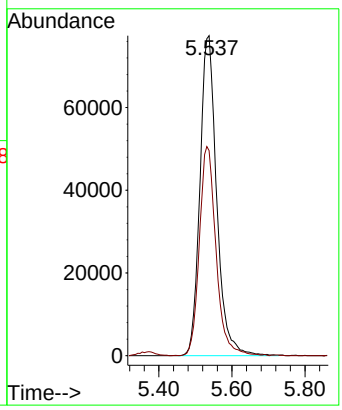


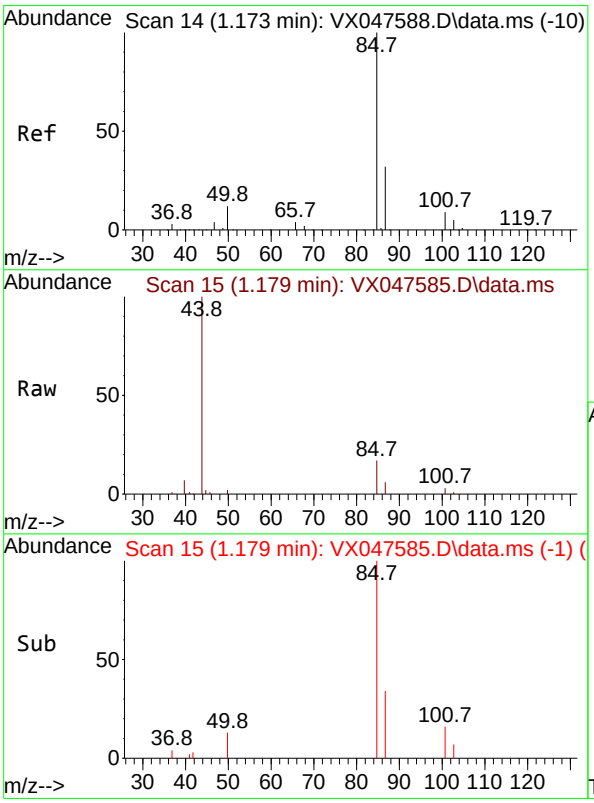
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:168 Resp: 246348

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.8	73.2

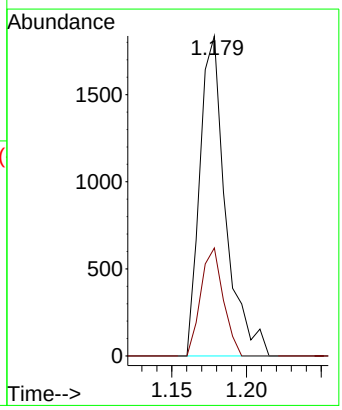


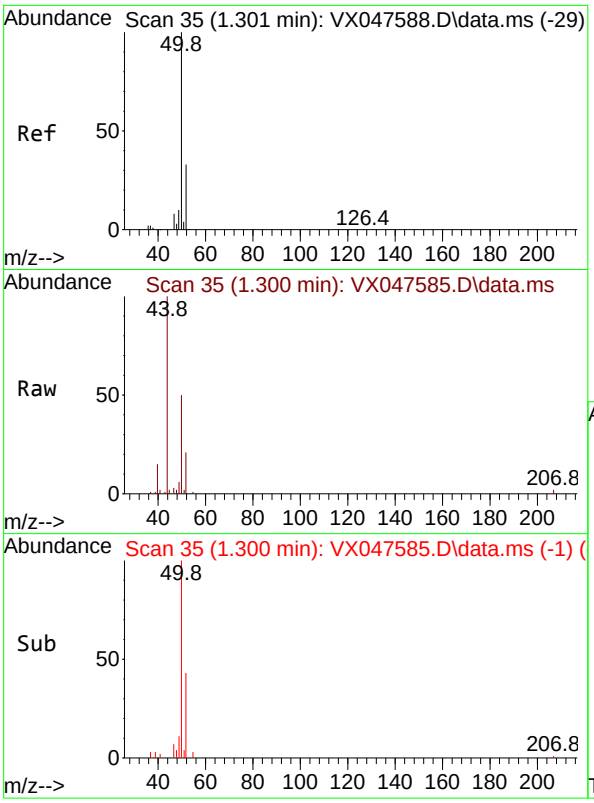


#2
Dichlorodifluoromethane
Concen: 0.863 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 85 Resp: 2201

Ion	Ratio	Lower	Upper
85	100		
87	33.8	15.8	47.3



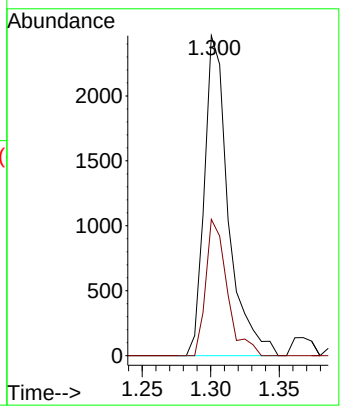


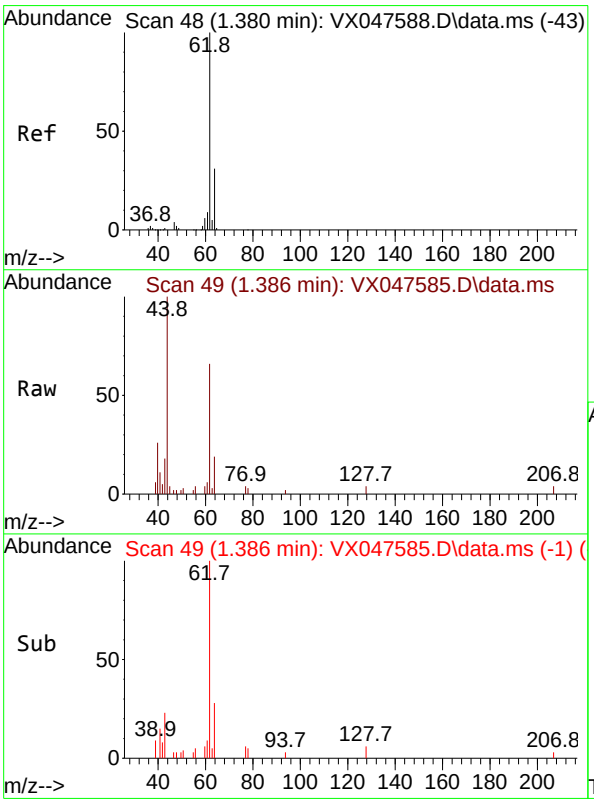
#3
Chloromethane
Concen: 0.897 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 3006

Ion	Ratio	Lower	Upper
50	100		
52	42.6	26.1	39.1#

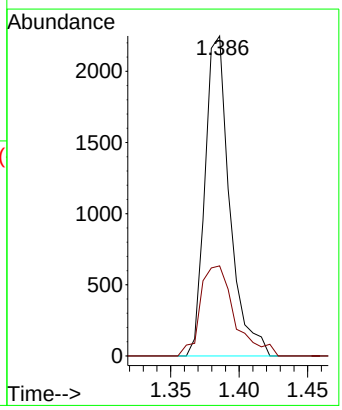


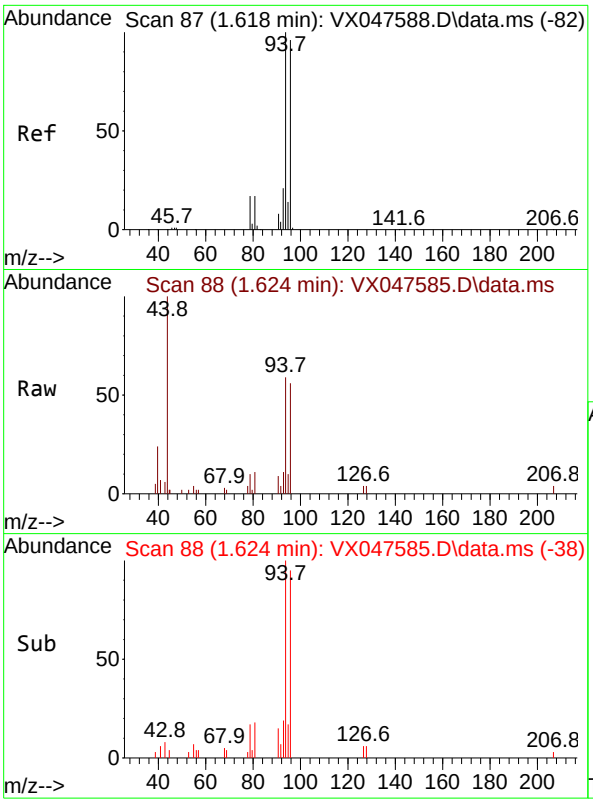


#4
Vinyl Chloride
Concen: 0.859 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 2818

Ion	Ratio	Lower	Upper
62	100		
64	28.2	24.9	37.3



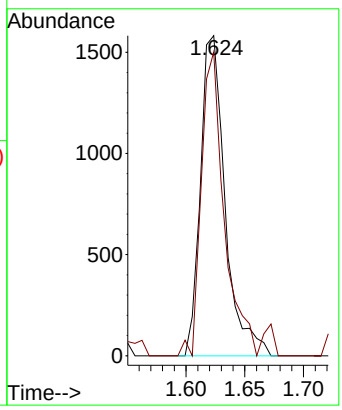


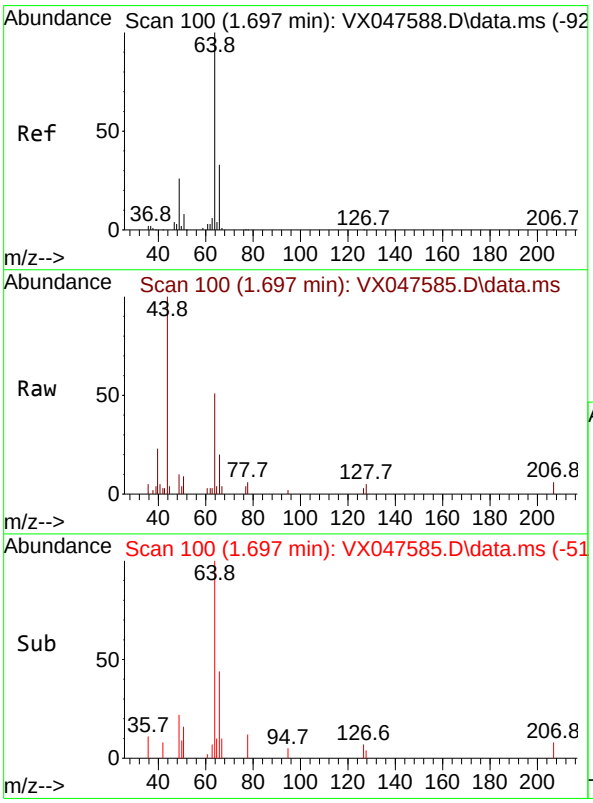
#5
Bromomethane
Concen: 1.107 ug/l
RT: 1.624 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 94 Resp: 2304

Ion	Ratio	Lower	Upper
94	100		
96	94.9	76.6	115.0

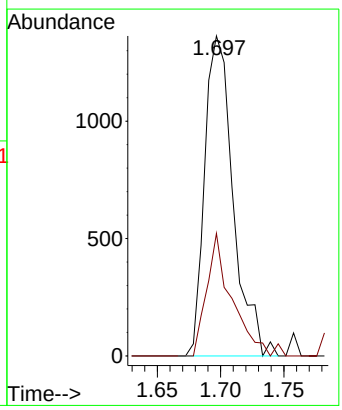


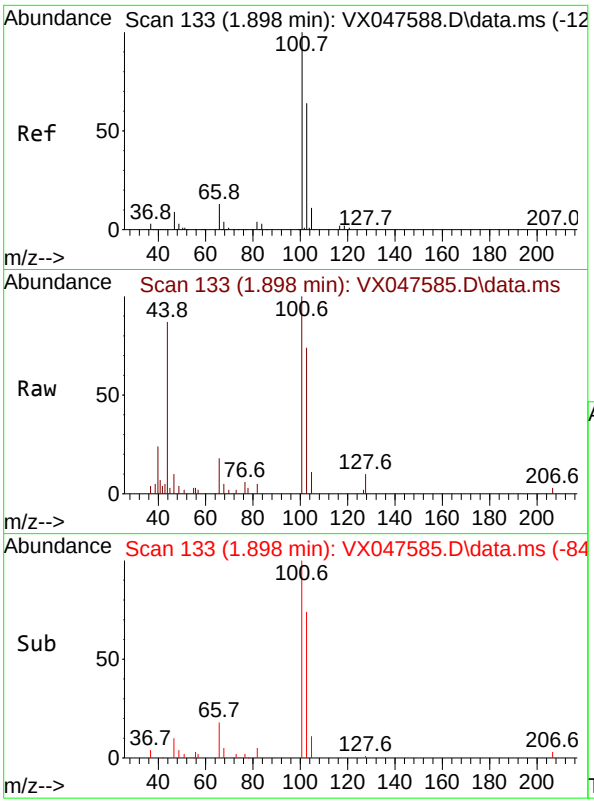


#6
Chloroethane
Concen: 0.973 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 64 Resp: 2134

Ion	Ratio	Lower	Upper
64	100		
66	35.4	26.1	39.1



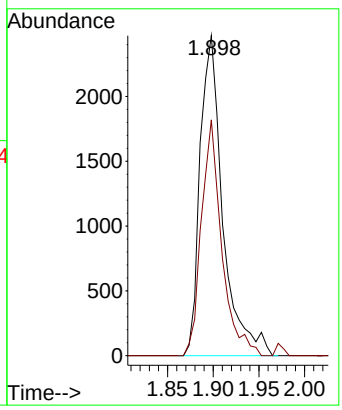


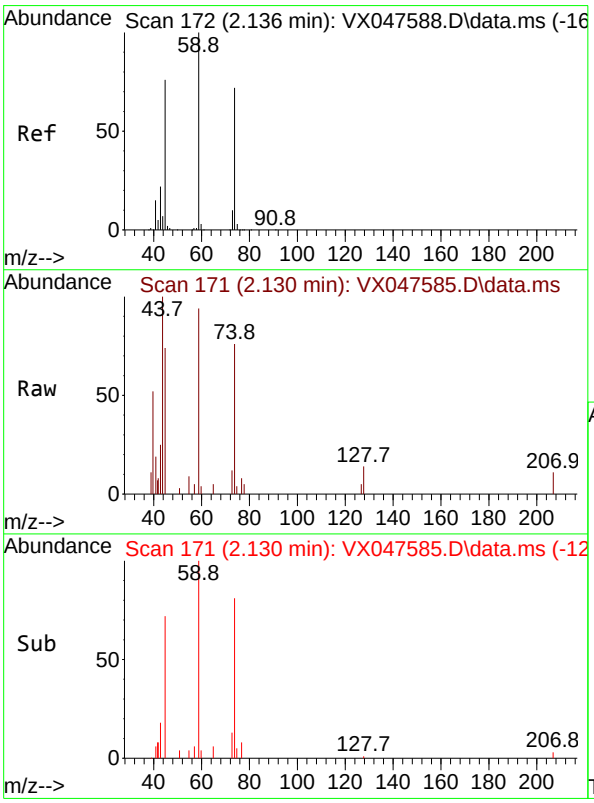
#7
Trichlorofluoromethane
Concen: 0.874 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 4261

Ion	Ratio	Lower	Upper
101	100		
103	73.7	51.4	77.2

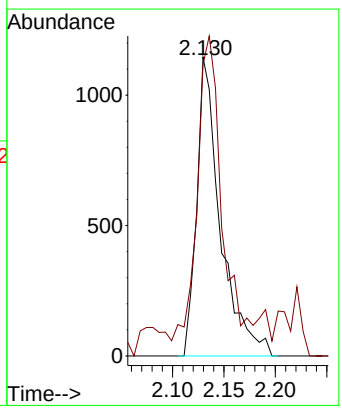


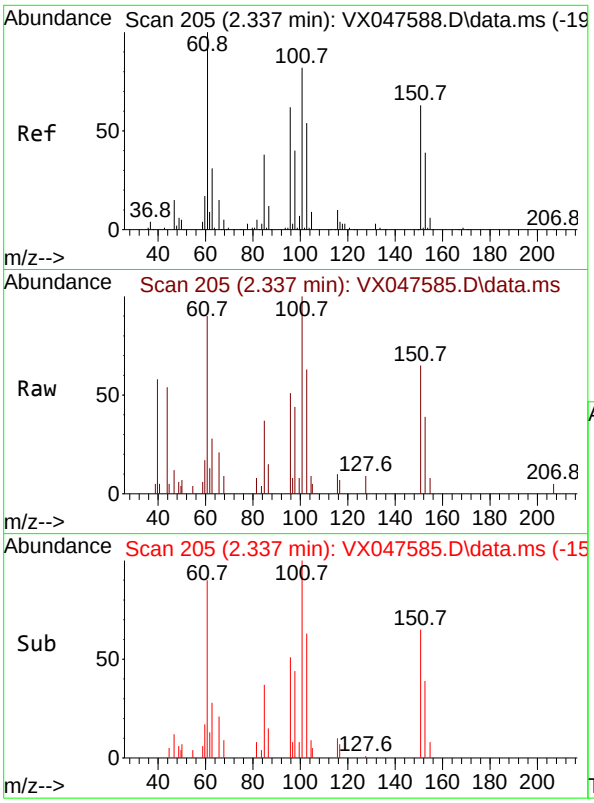


#8
Diethyl Ether
Concen: 0.919 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 74 Resp: 1831

Ion	Ratio	Lower	Upper
74	100		
45	102.2	52.3	156.8



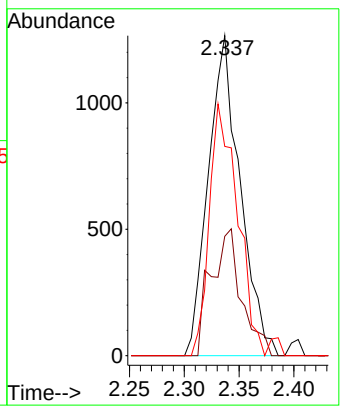


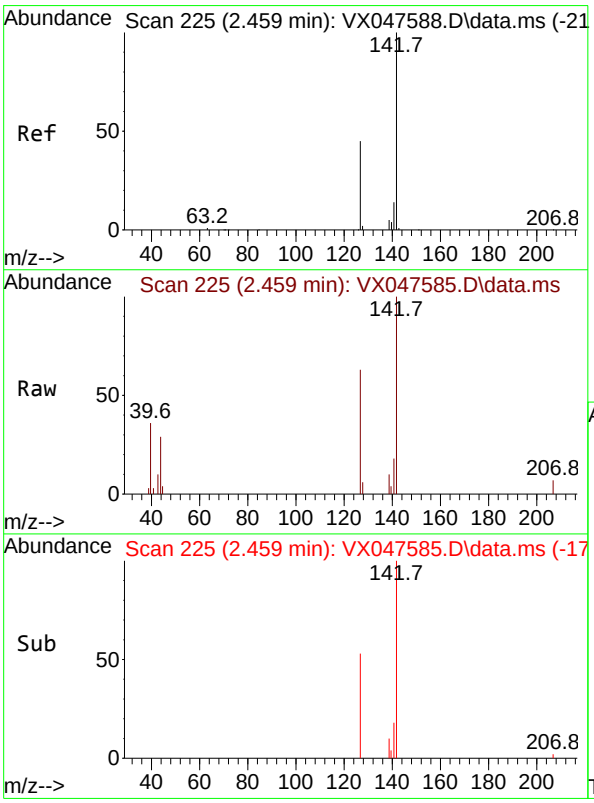
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.897 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

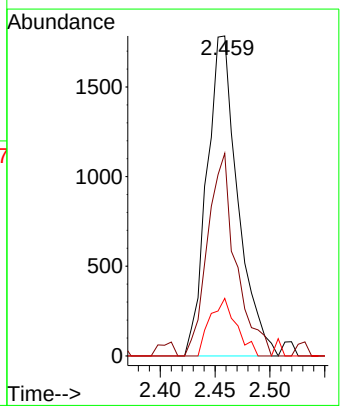


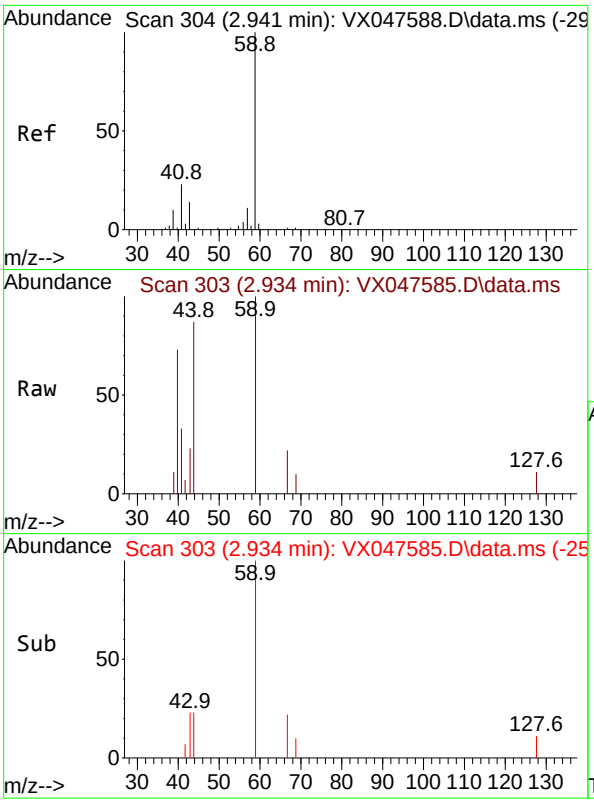


#10
Methyl Iodide
Concen: 0.790 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:142 Resp: 3509

Ion	Ratio	Lower	Upper
142	100		
127	57.7	37.2	55.8#
141	15.3	11.4	17.0



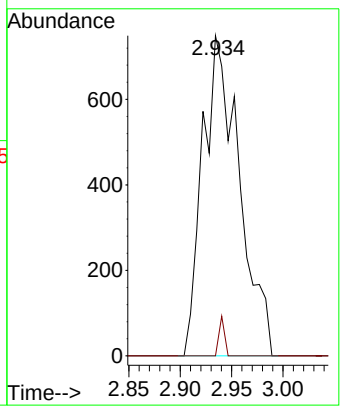


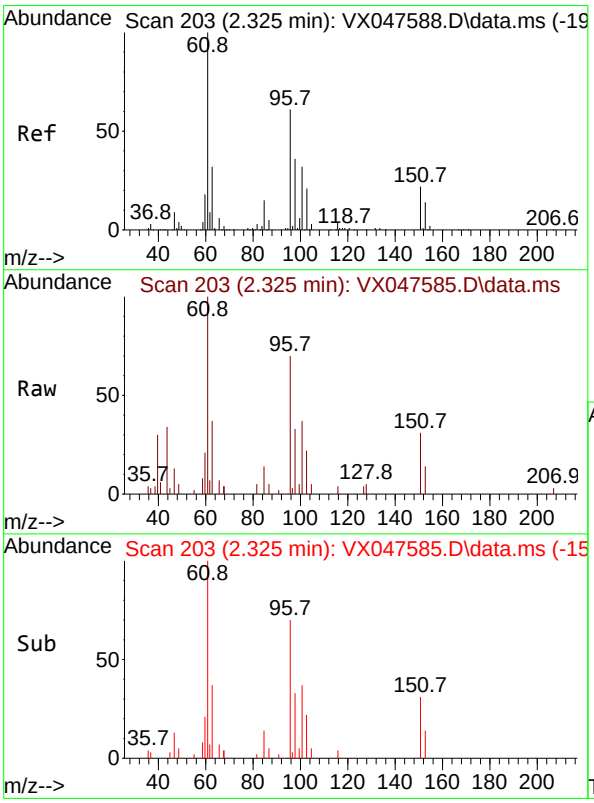
#11
Tert butyl alcohol
Concen: 4.236 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 1850

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

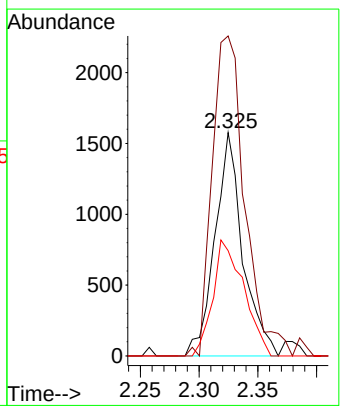


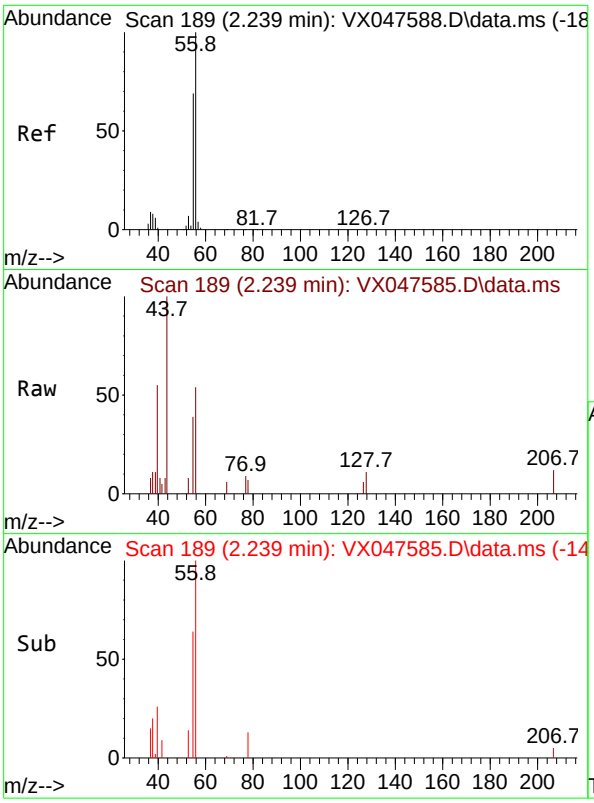


#12
1,1-Dichloroethene
Concen: 0.886 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 96 Resp: 2594

Ion	Ratio	Lower	Upper
96	100		
61	137.3	131.0	196.6
98	45.2	47.7	71.5#



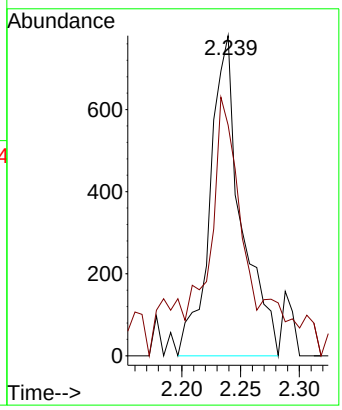


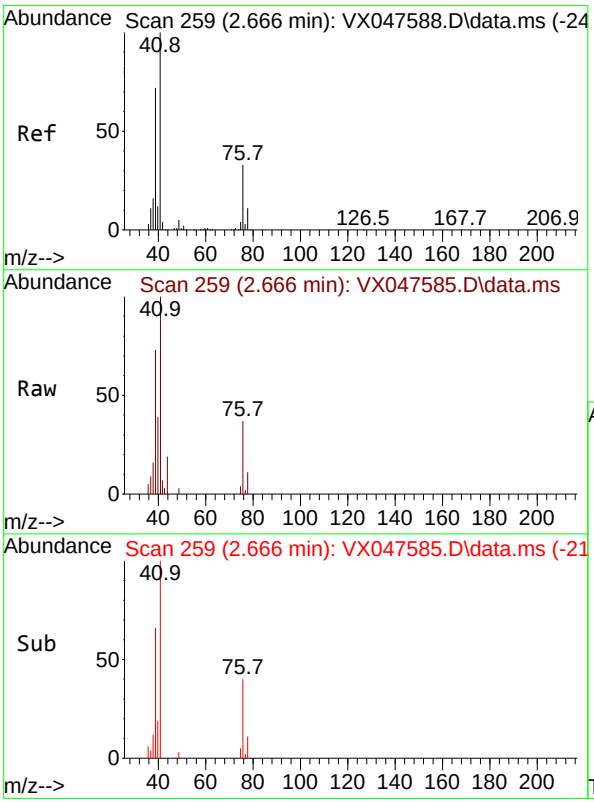
#13
Acrolein
Concen: 3.578 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 1440

Ion	Ratio	Lower	Upper
56	100		
55	100.3	57.2	85.8#

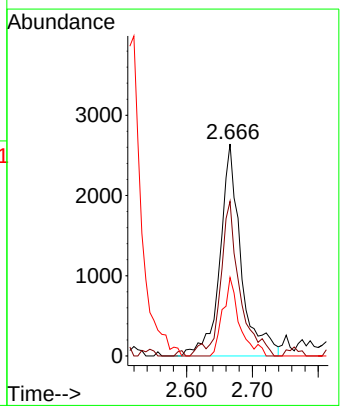


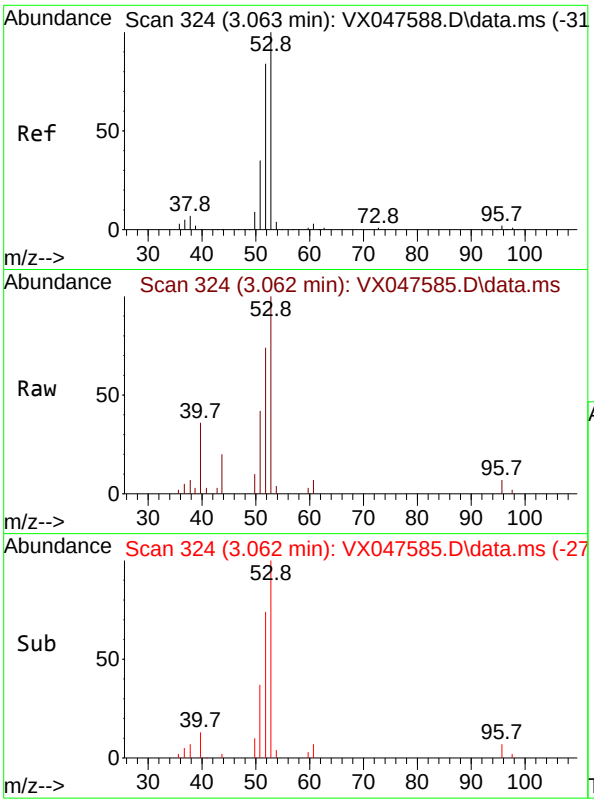


#14
Allyl chloride
Concen: 0.974 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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



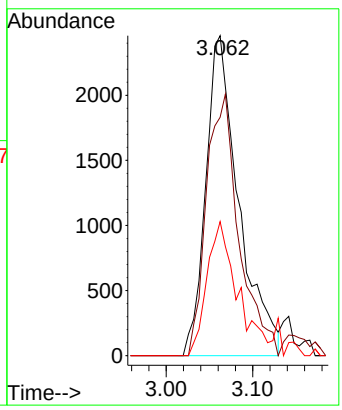


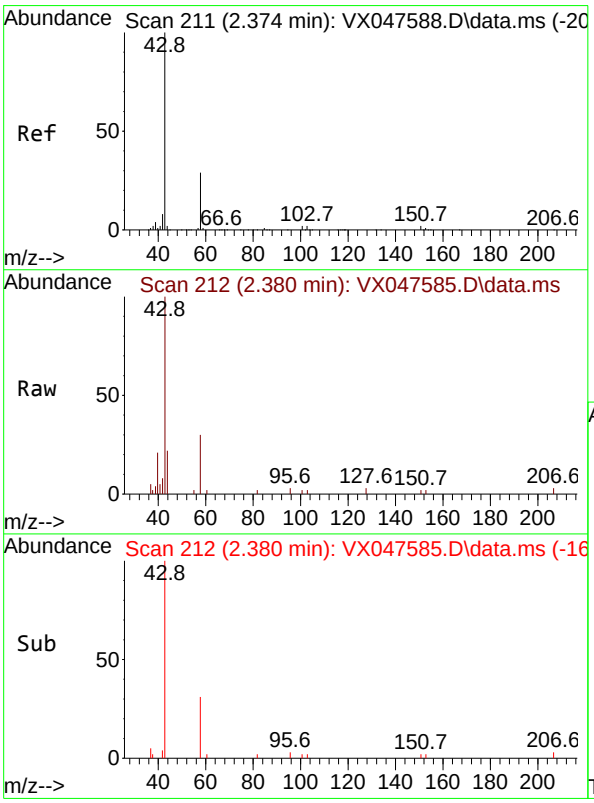
#15
Acrylonitrile
Concen: 4.018 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 53 Resp: 6500

Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.4	99.6
51	38.7	29.5	44.3

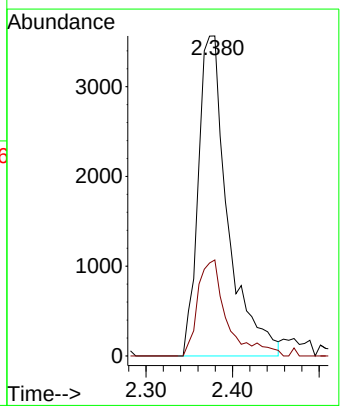


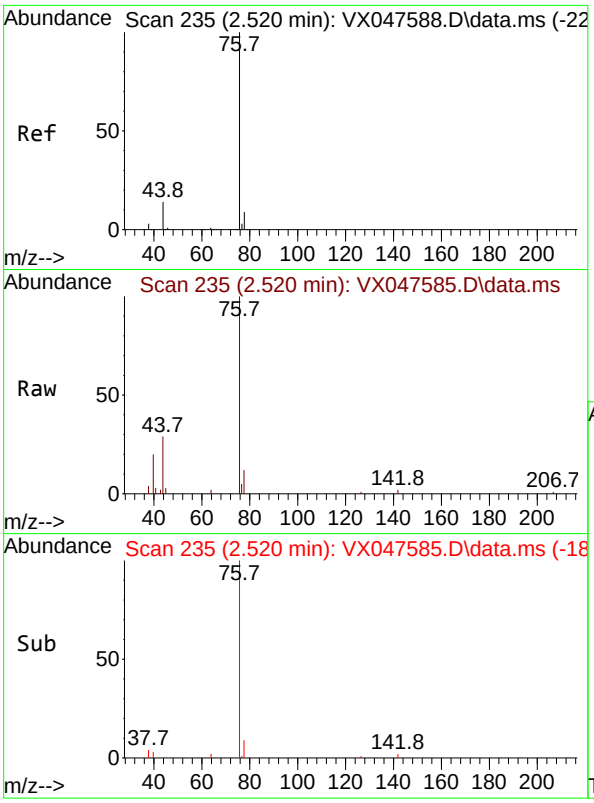


#16
Acetone
Concen: 4.953 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 8444

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0



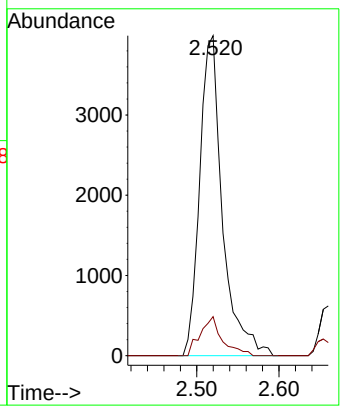


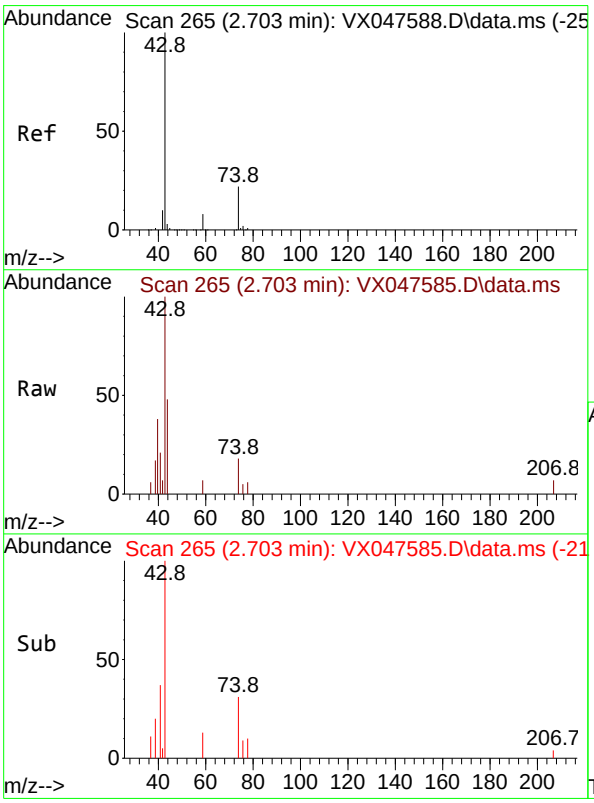
#17
Carbon Disulfide
Concen: 0.956 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 7662

Ion	Ratio	Lower	Upper
76	100		
78	11.6	6.8	10.2#

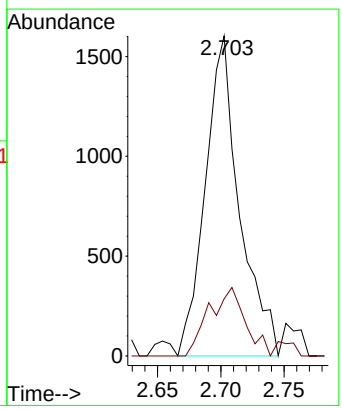


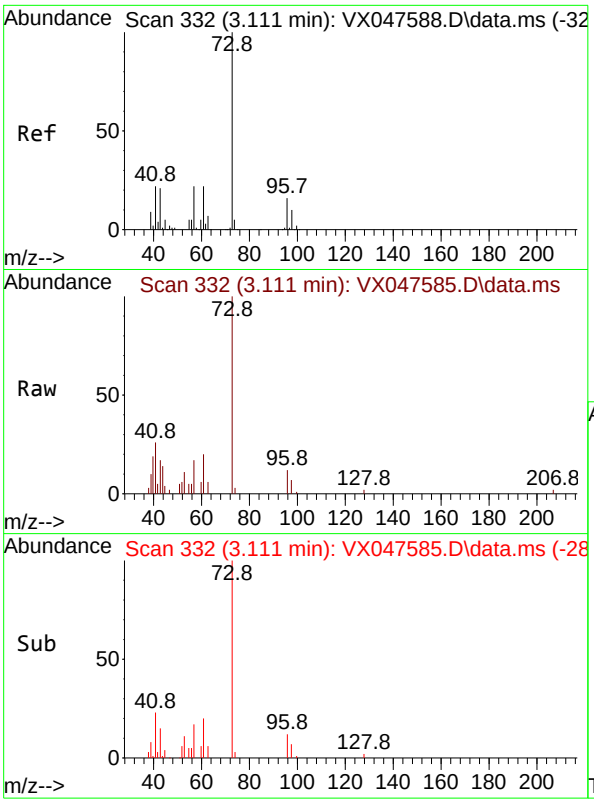


#18
Methyl Acetate
Concen: 0.794 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 3013

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2



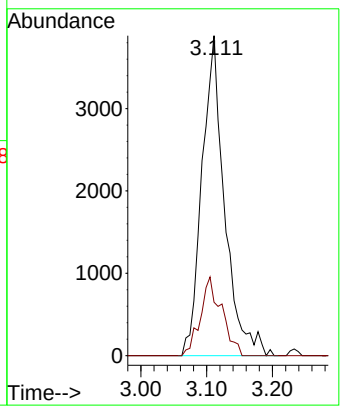


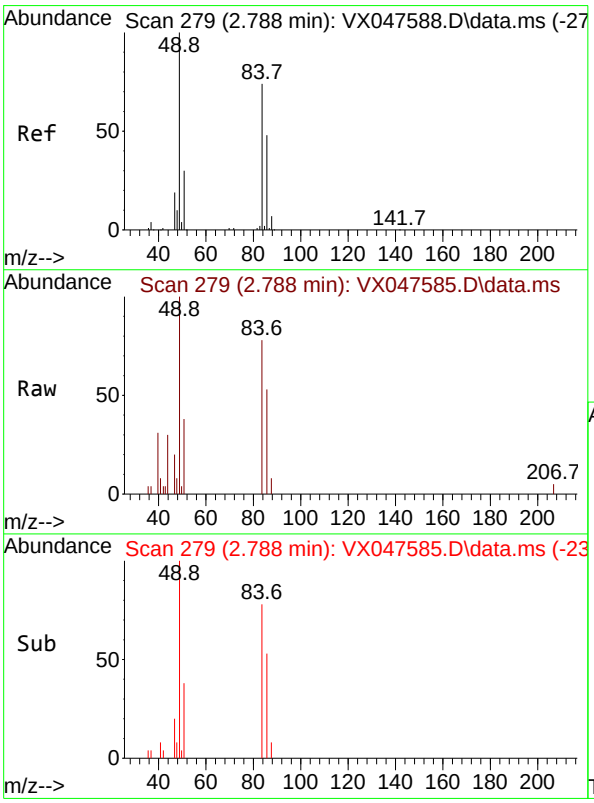
#19
Methyl tert-butyl Ether
Concen: 0.869 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 73 Resp: 9281

Ion	Ratio	Lower	Upper
73	100		
57	16.7	17.4	26.2#

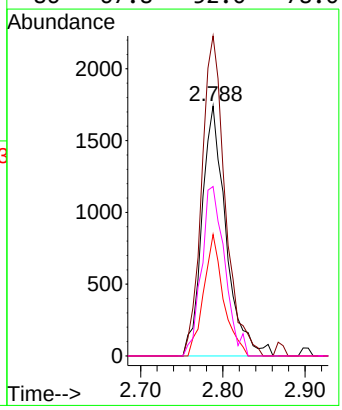


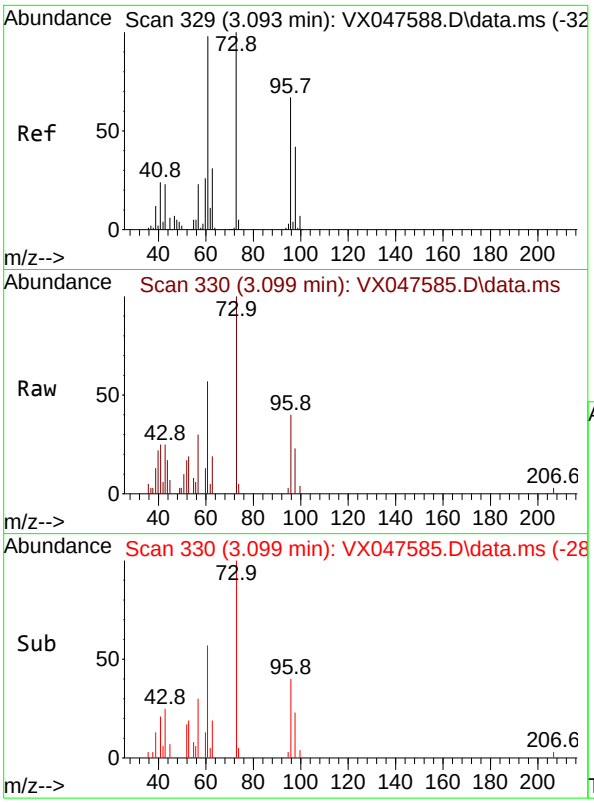


#20
Methylene Chloride
Concen: 0.981 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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



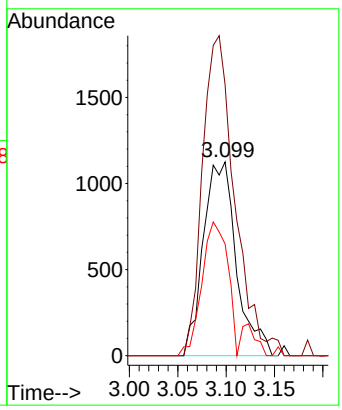


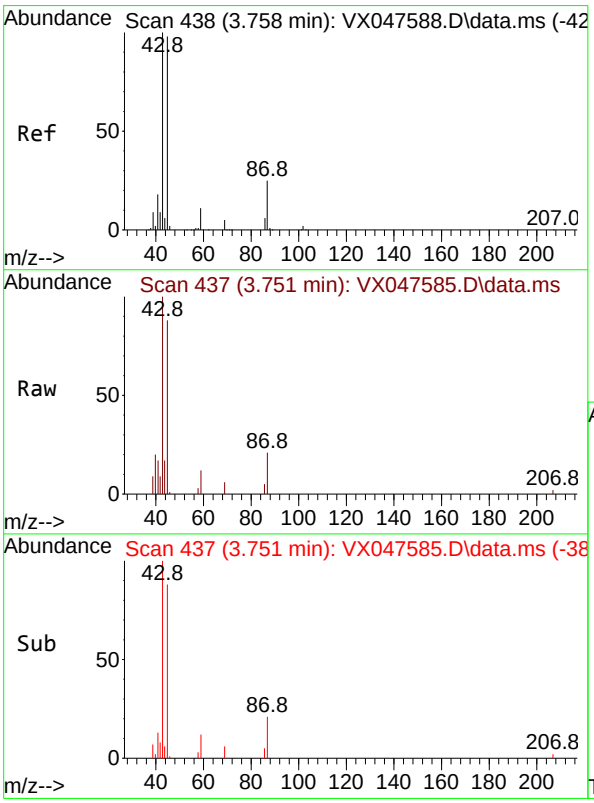
#21
trans-1,2-Dichloroethene
Concen: 0.849 ug/l
RT: 3.099 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 2676

Ion	Ratio	Lower	Upper
96	100		
61	139.9	116.2	174.2
98	57.6	49.3	73.9

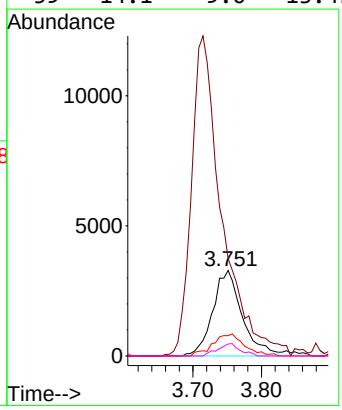


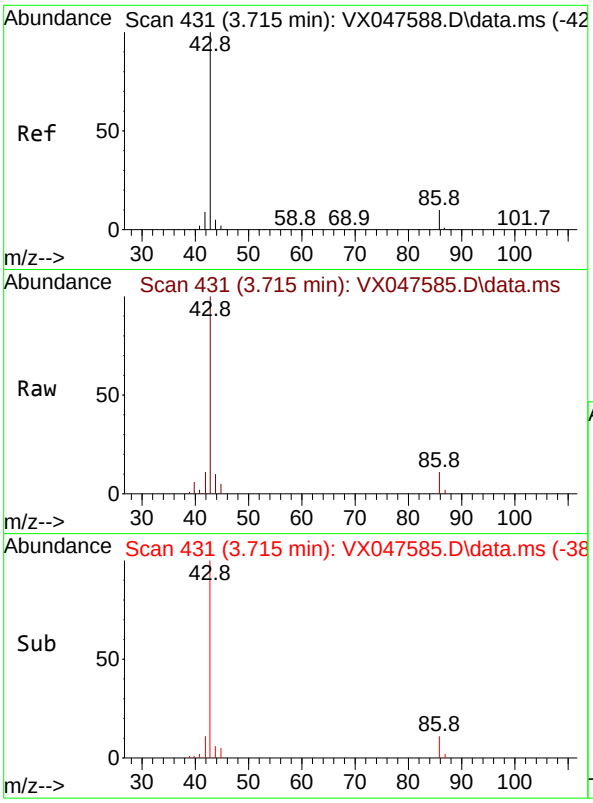


#22
Diisopropyl ether
Concen: 0.832 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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#



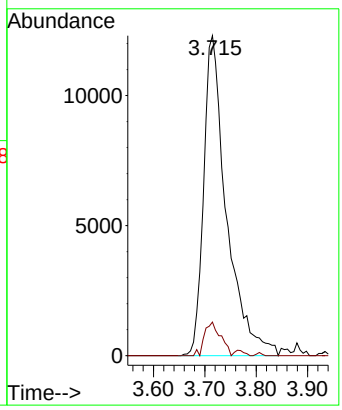


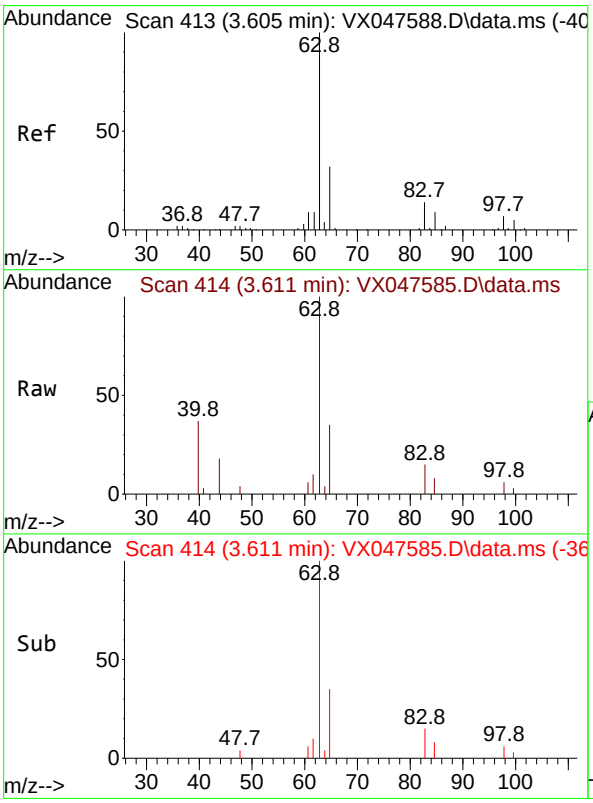
#23
Vinyl Acetate
Concen: 4.052 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 37962

Ion	Ratio	Lower	Upper
43	100		
86	10.9	7.8	11.8

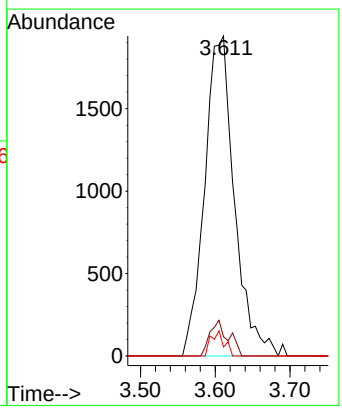


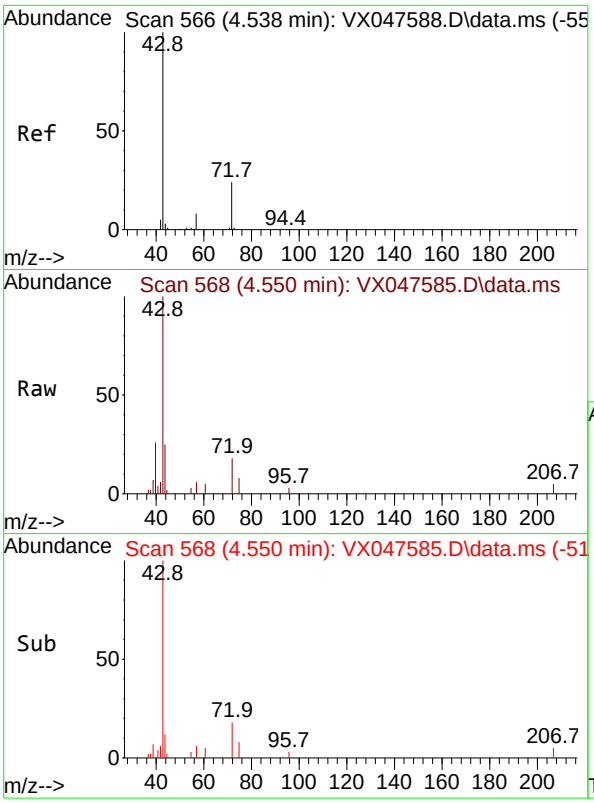


#24
1,1-Dichloroethane
Concen: 0.863 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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



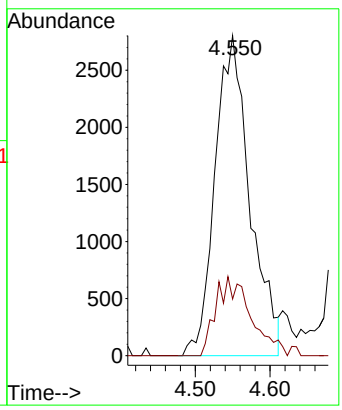


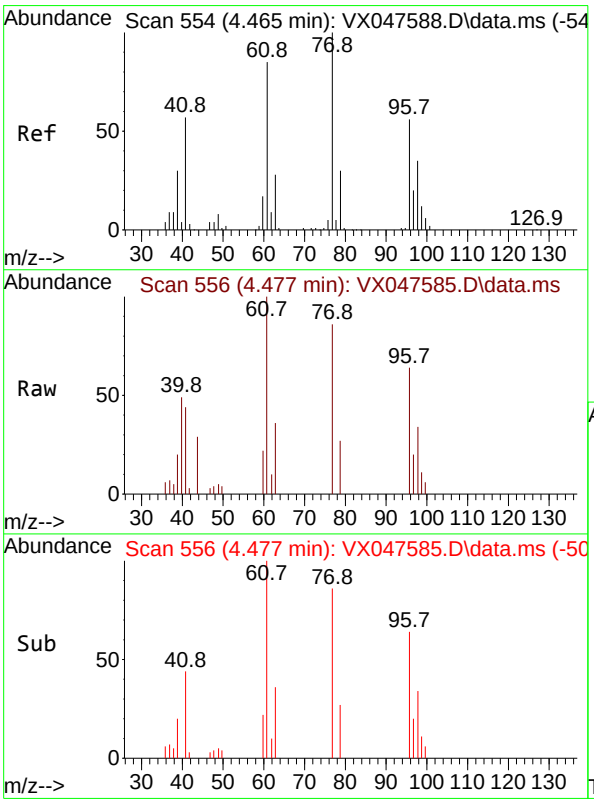
#25
2-Butanone
Concen: 4.281 ug/l
RT: 4.550 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 9105

Ion	Ratio	Lower	Upper
43	100		
72	16.3	20.1	30.1#

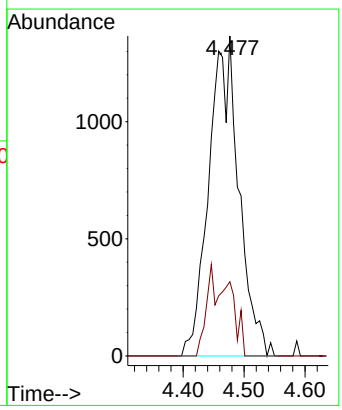


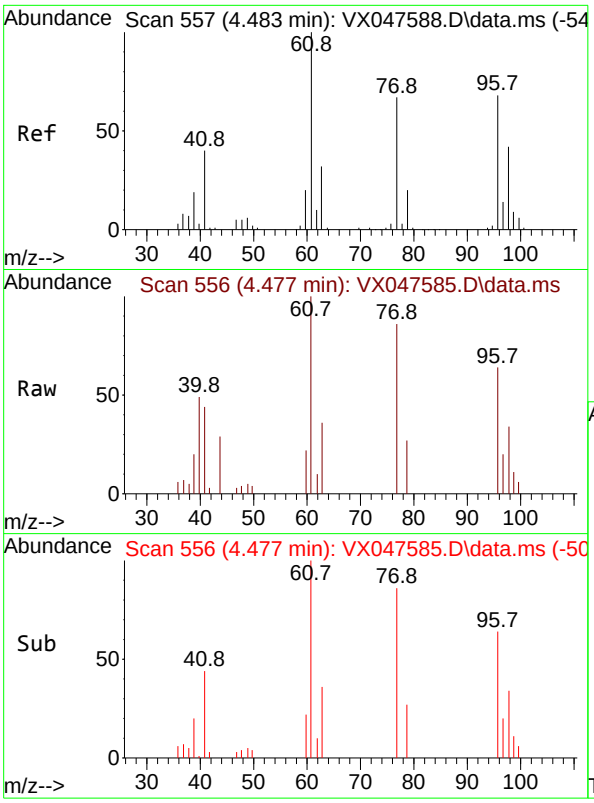


#26
2,2-Dichloropropane
Concen: 0.901 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 77 Resp: 4657

Ion	Ratio	Lower	Upper
77	100		
97	11.0	10.9	32.7



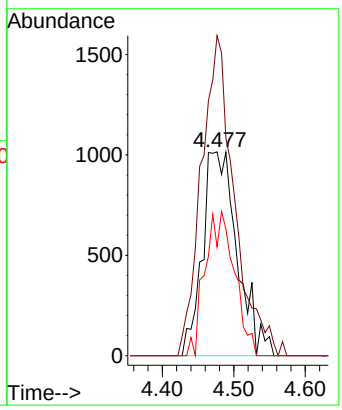


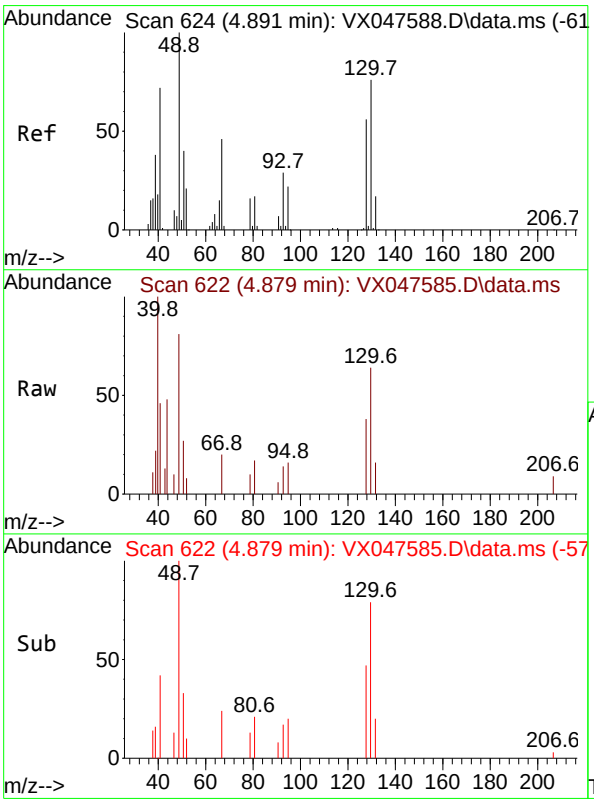
#27
cis-1,2-Dichloroethene
Concen: 0.891 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 3440

Ion	Ratio	Lower	Upper
96	100		
61	147.4	0.0	303.2
98	59.4	0.0	127.8

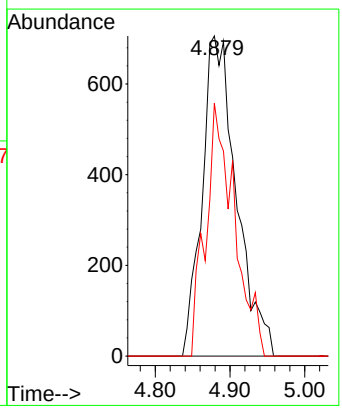


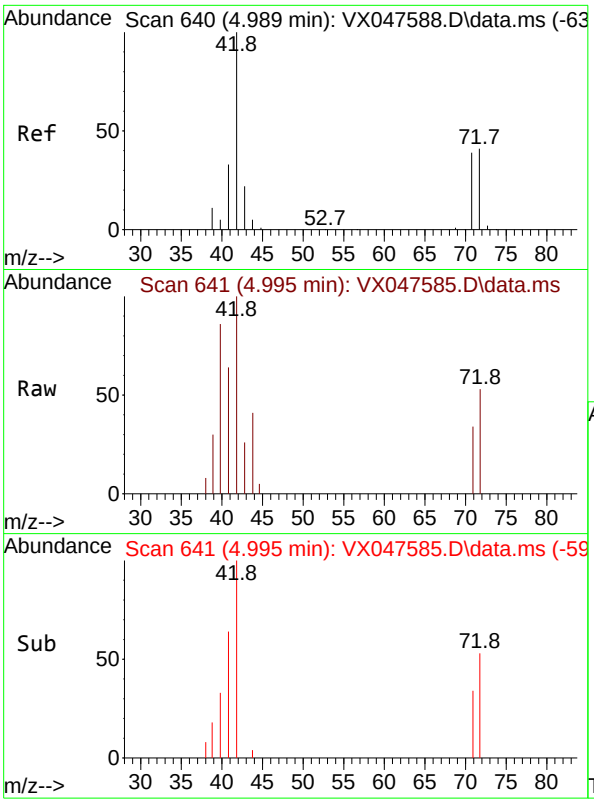


#28
Bromochloromethane
Concen: 0.829 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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



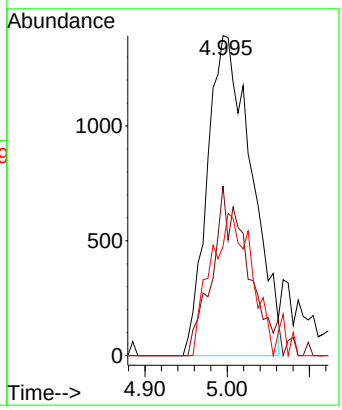


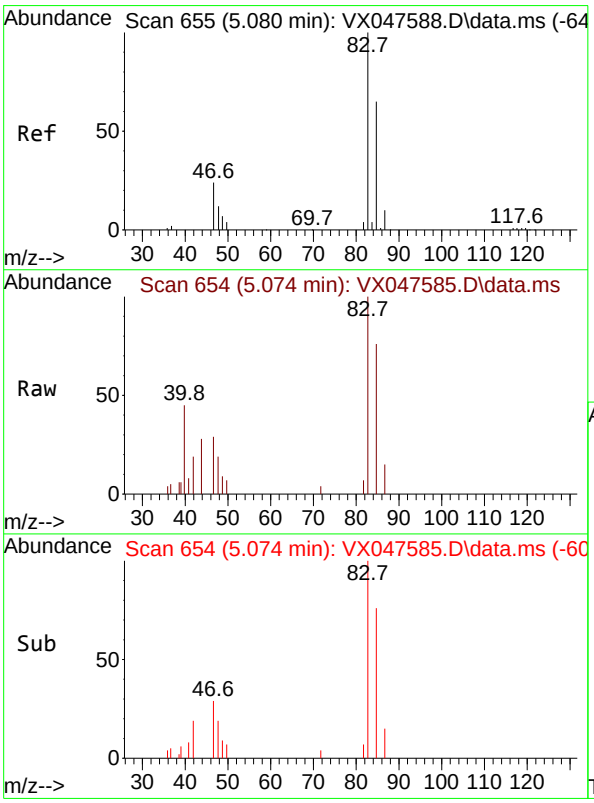
#29
Tetrahydrofuran
Concen: 4.072 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 5210

Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.2	51.2
71	41.3	31.9	47.9

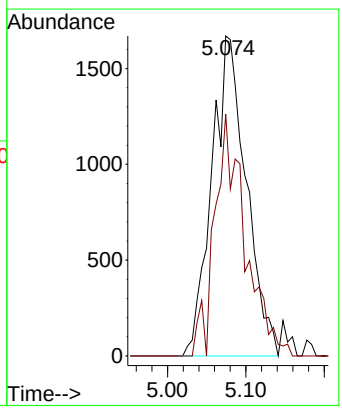


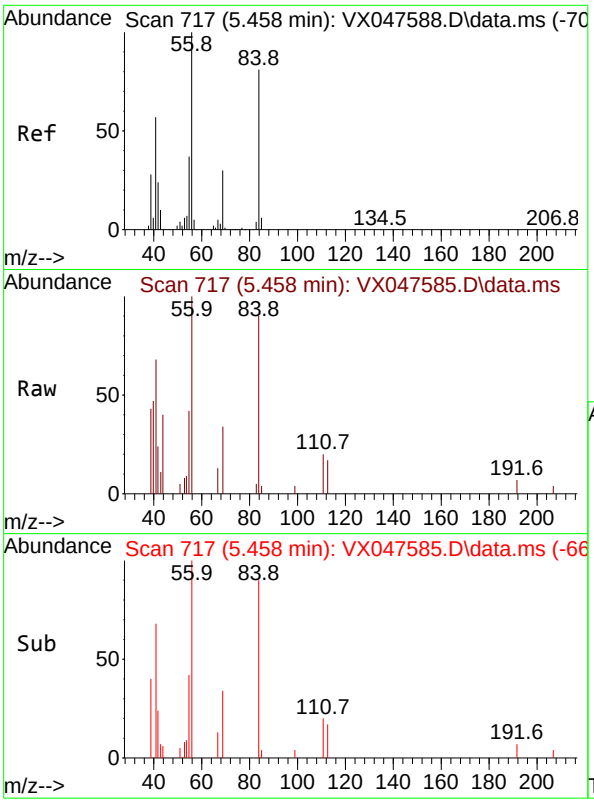


#30
Chloroform
Concen: 0.810 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 83 Resp: 5093

Ion	Ratio	Lower	Upper
83	100		
85	75.6	51.8	77.6



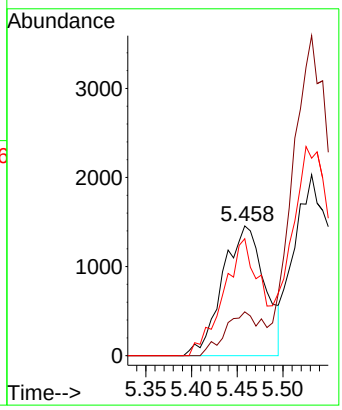


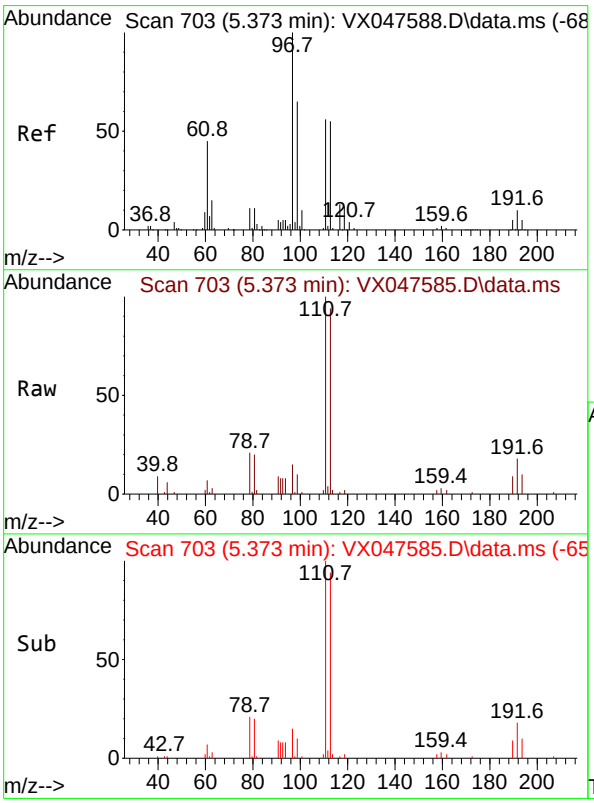
#31
Cyclohexane
Concen: 0.901 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 56 Resp: 4668

Ion	Ratio	Lower	Upper
56	100		
69	33.8	23.8	35.8
84	90.0	64.6	97.0

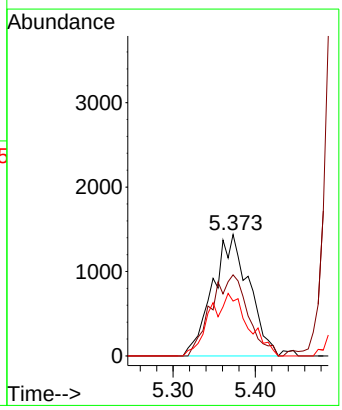


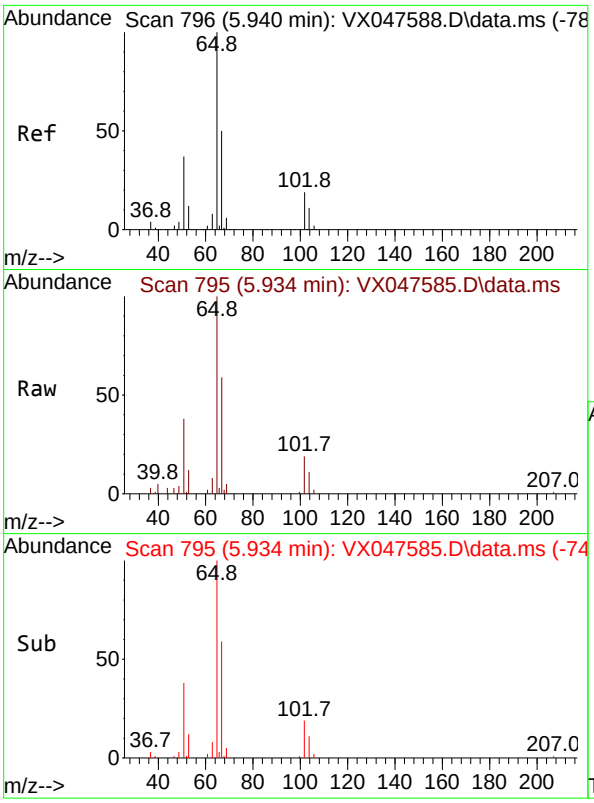


#32
1,1,1-Trichloroethane
Concen: 0.832 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 97 Resp: 4439

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.6	76.0#
61	36.2	35.8	53.8



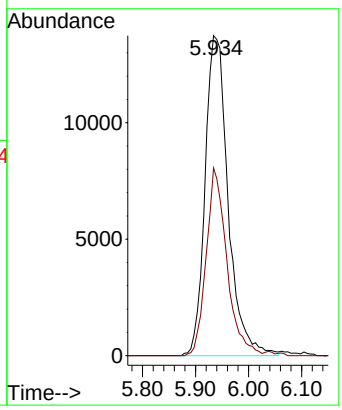


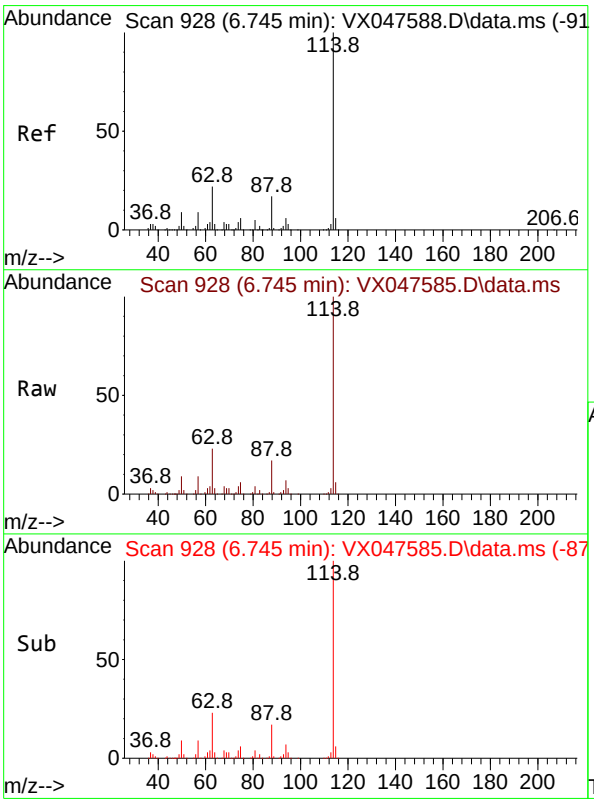
#33
1,2-Dichloroethane-d4
Concen: 10.583 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 65 Resp: 41500

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.0

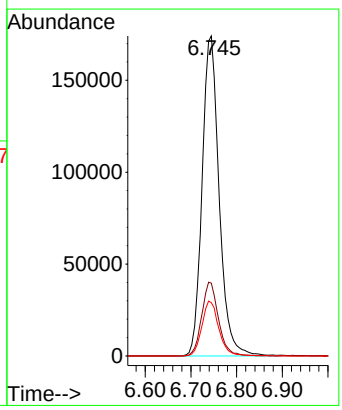


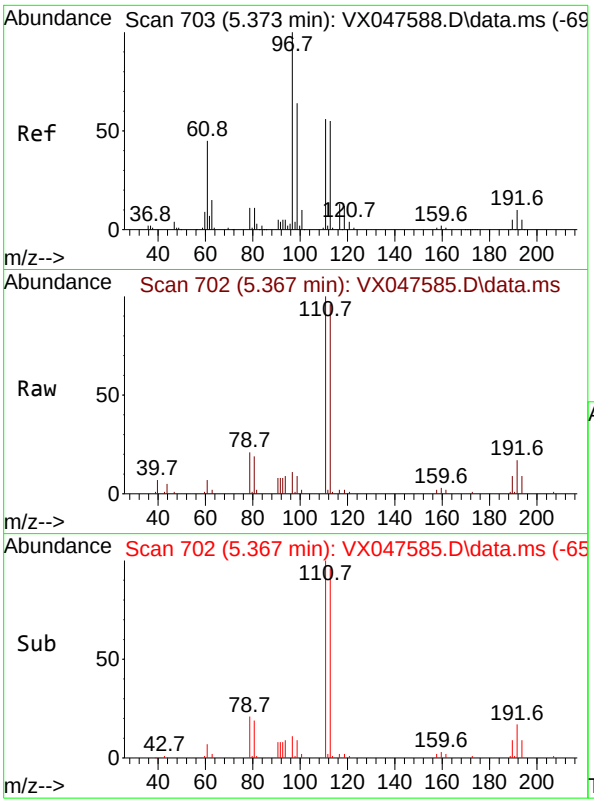


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:114 Resp: 451502

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



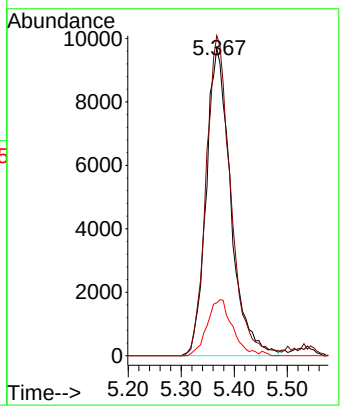


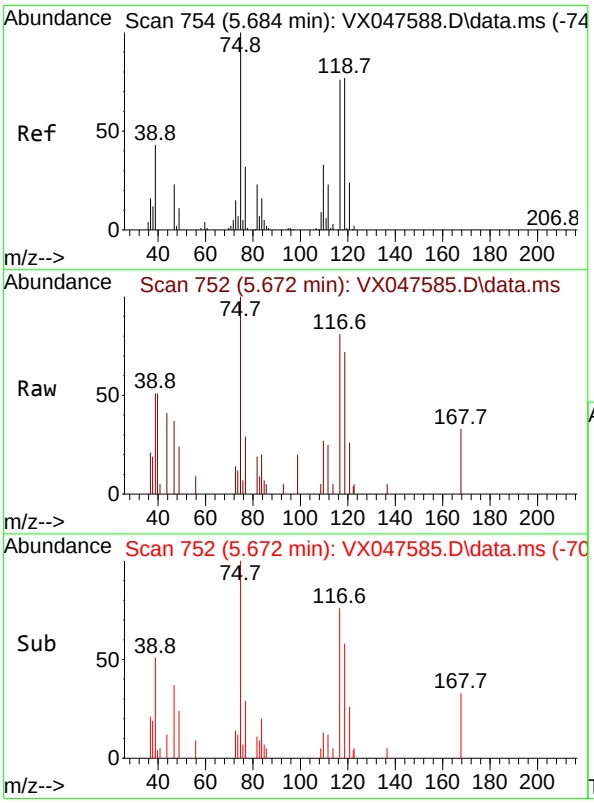
#35
Dibromofluoromethane
Concen: 10.300 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:113 Resp: 31188

Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.9	121.3
192	18.6	14.2	21.4

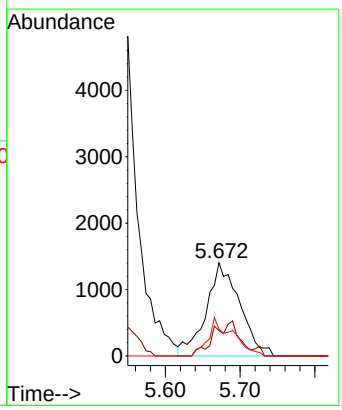


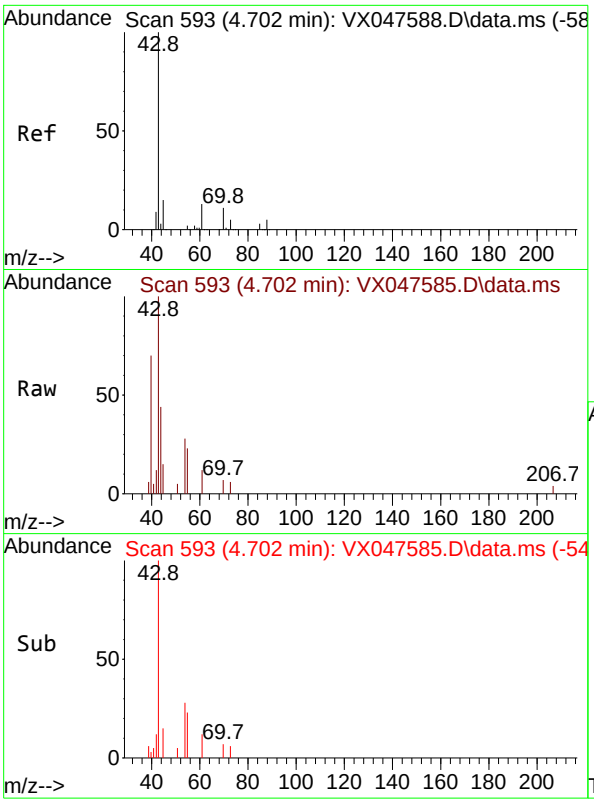


#36
1,1-Dichloropropene
Concen: 0.988 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4373

Ion	Ratio	Lower	Upper
75	100		
110	0.0	16.7	50.1#
77	30.0	24.3	36.5



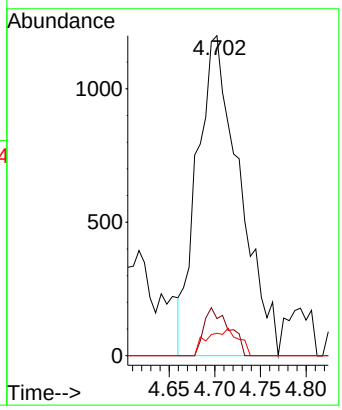


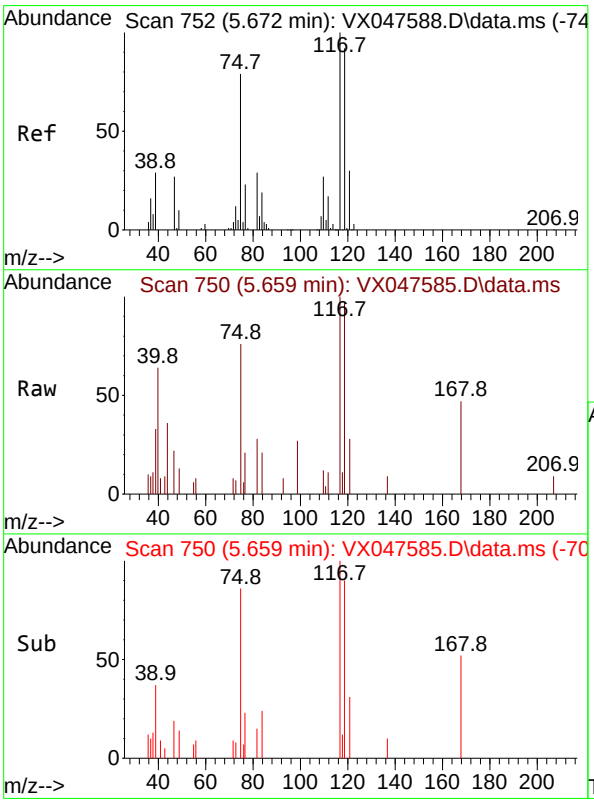
#37
Ethyl Acetate
Concen: 0.818 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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#

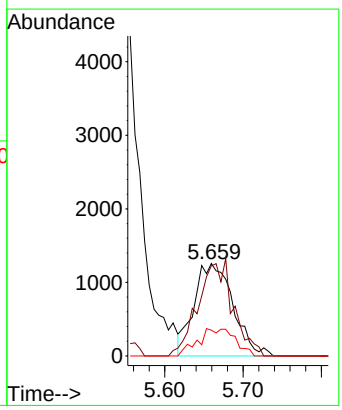


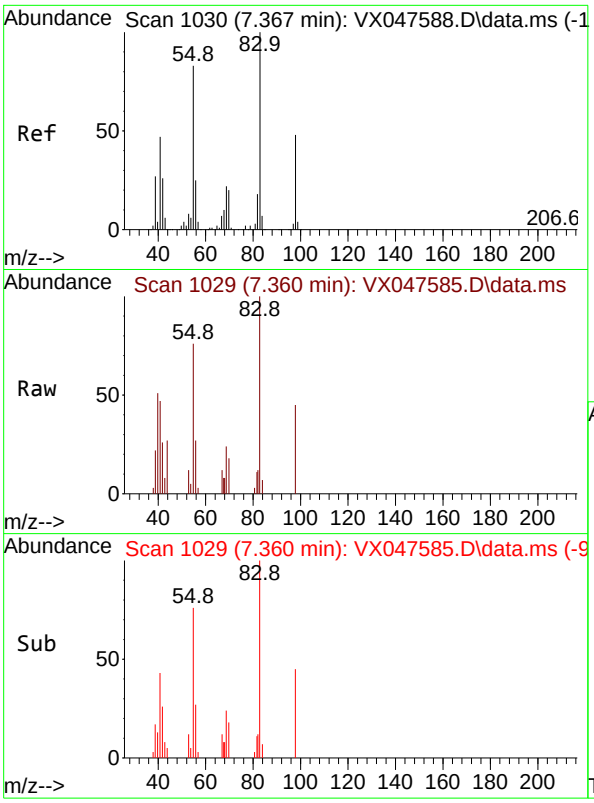


#38
Carbon Tetrachloride
Concen: 0.905 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 4349

Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.4	110.2
121	27.8	23.8	35.6



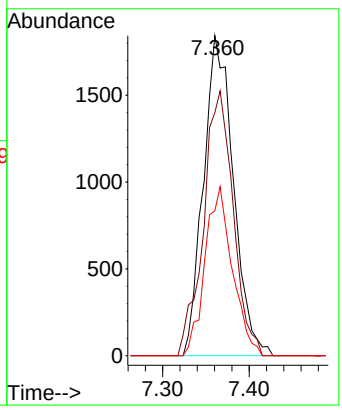


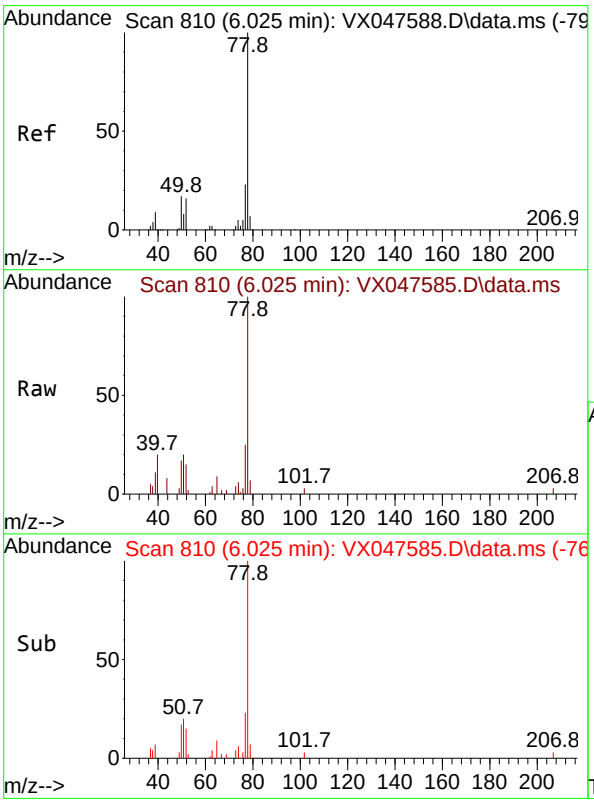
#39
Methylcyclohexane
Concen: 0.882 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

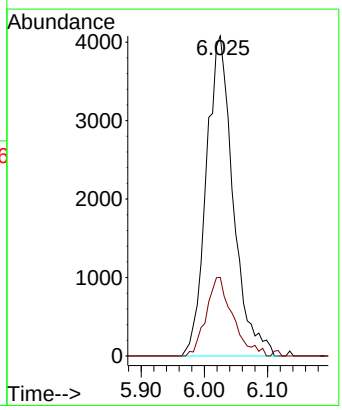


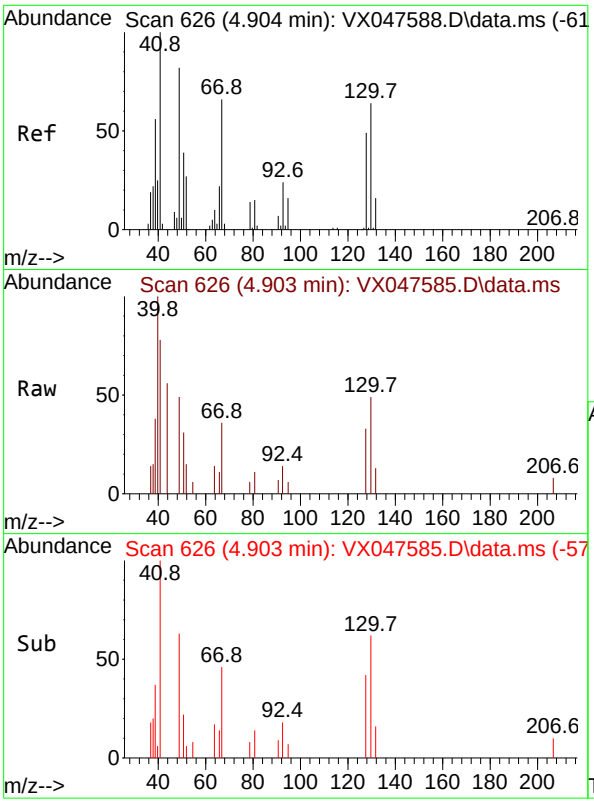


#40
Benzene
Concen: 0.894 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 78 Resp: 12012

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2



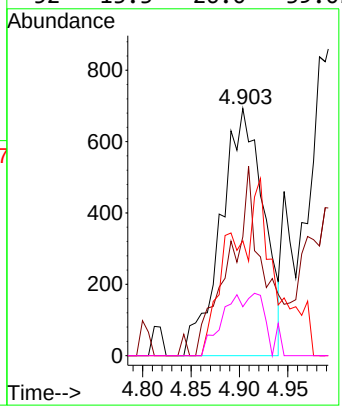


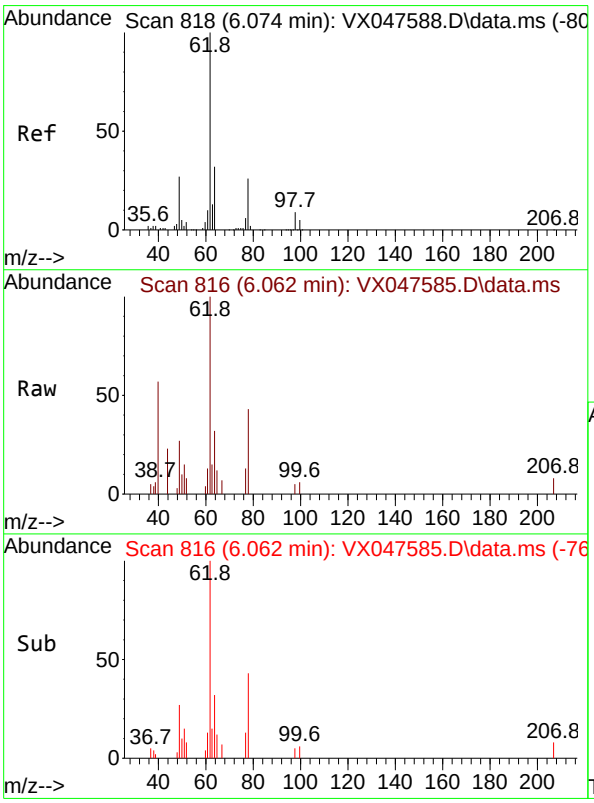
#41
Methacrylonitrile
Concen: 0.870 ug/l
RT: 4.903 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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#

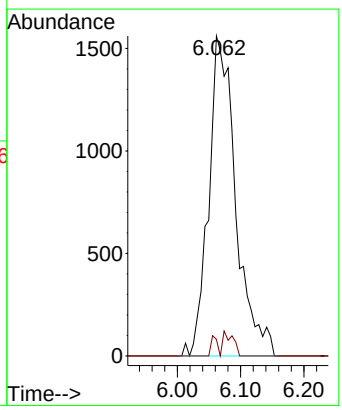


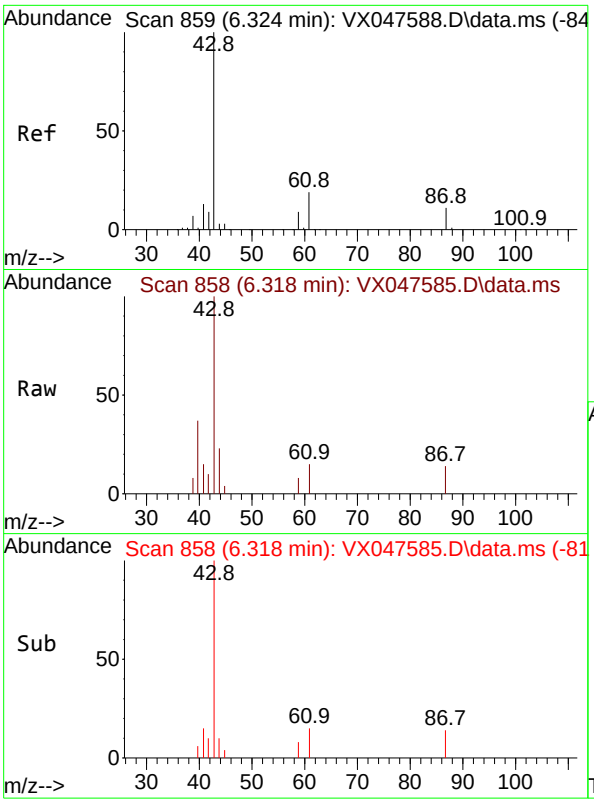


#42
1,2-Dichloroethane
Concen: 0.906 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 62 Resp: 4634

Ion	Ratio	Lower	Upper
62	100		
98	1.4	0.0	17.0



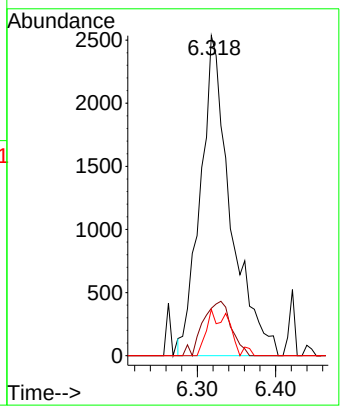


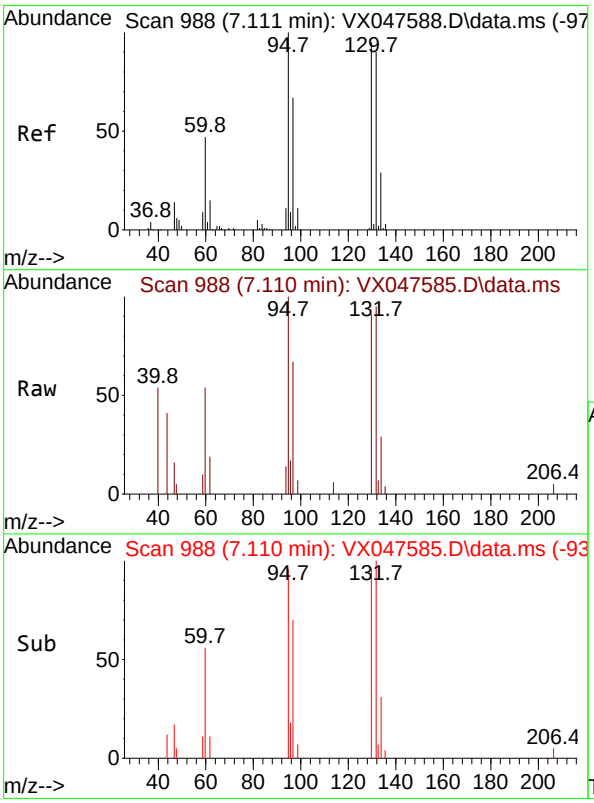
#43
Isopropyl Acetate
Concen: 0.873 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

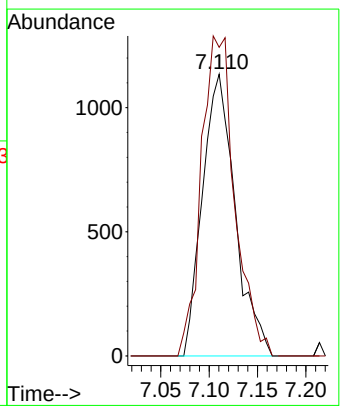


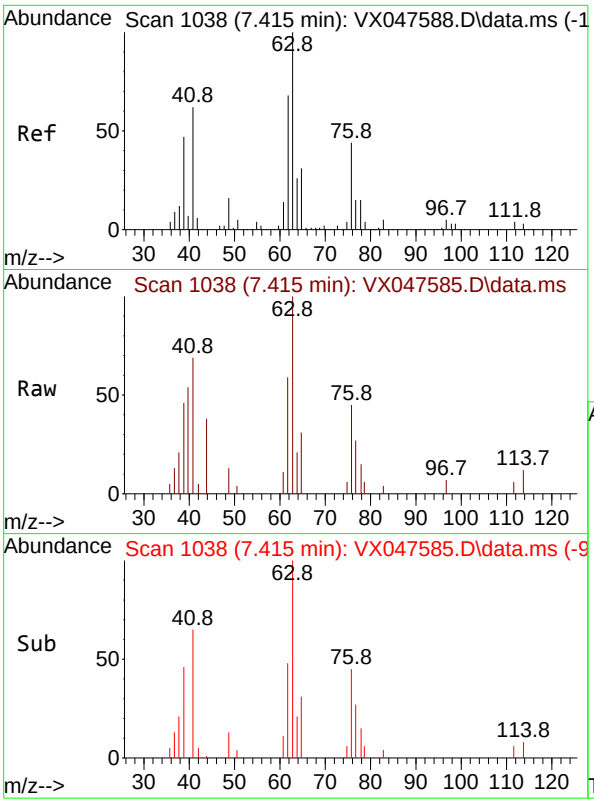


#44
Trichloroethene
Concen: 0.824 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:130 Resp: 2677

Ion	Ratio	Lower	Upper
130	100		
95	127.9	0.0	210.8



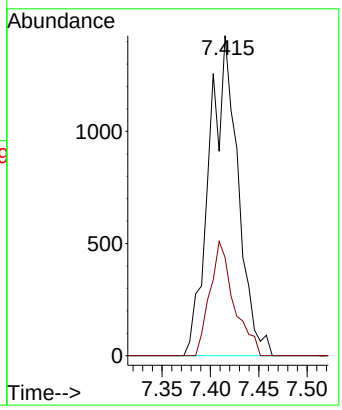


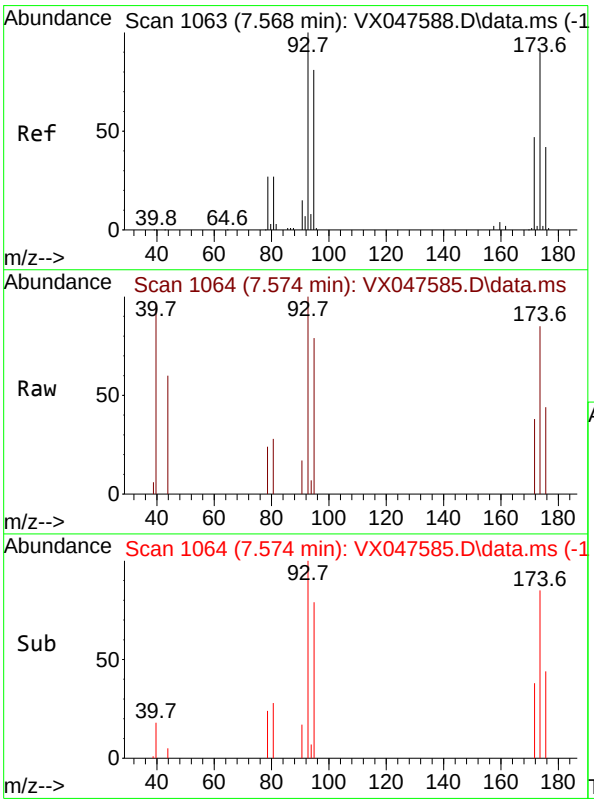
#45
1,2-Dichloropropane
Concen: 0.856 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 2945

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

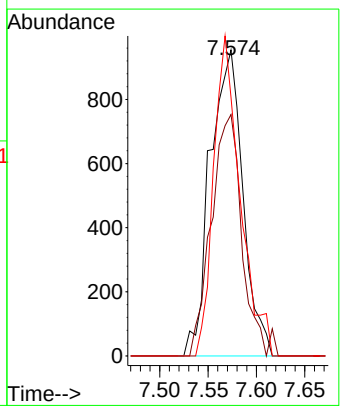


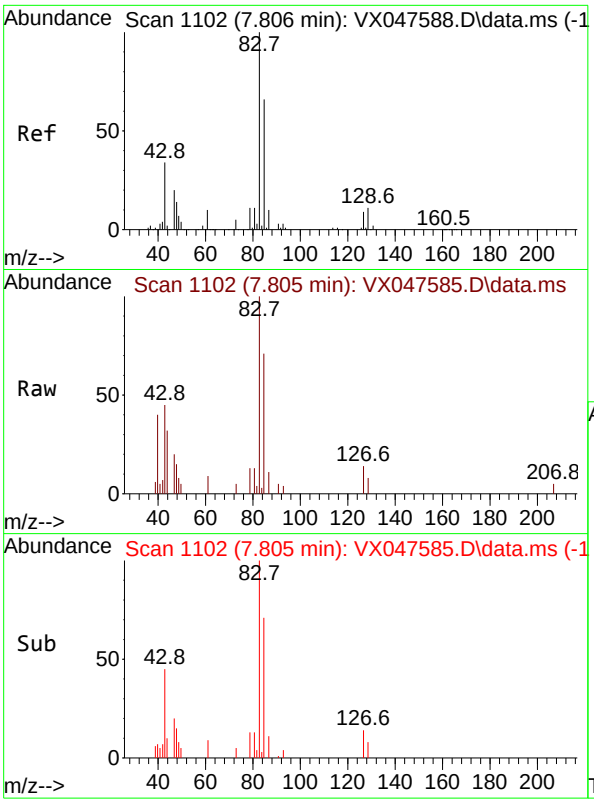


#46
Dibromomethane
Concen: 0.895 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 93 Resp: 2240

Ion	Ratio	Lower	Upper
93	100		
95	74.4	65.0	97.6
174	85.1	71.6	107.4



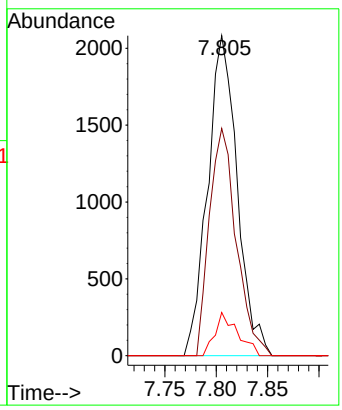


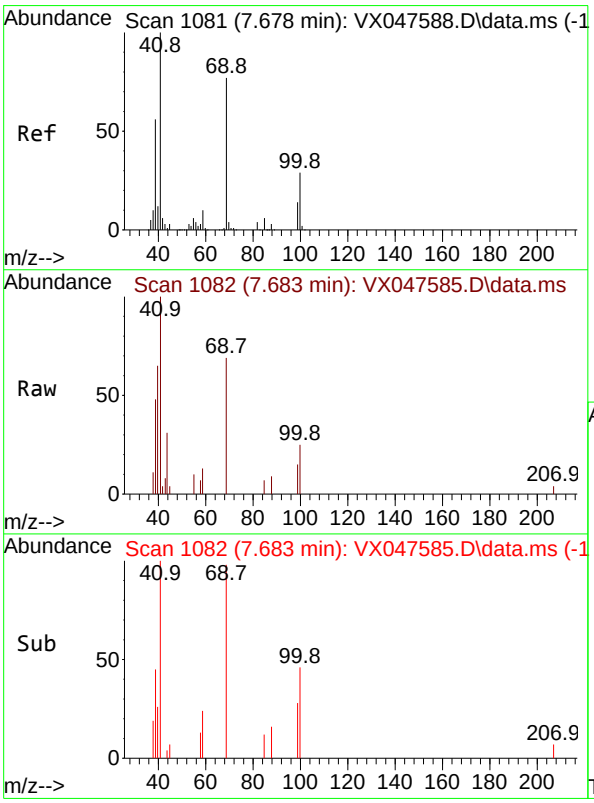
#47
Bromodichloromethane
Concen: 0.806 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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#

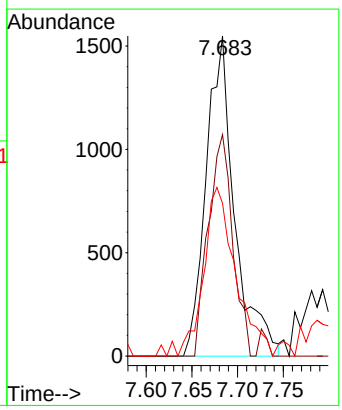


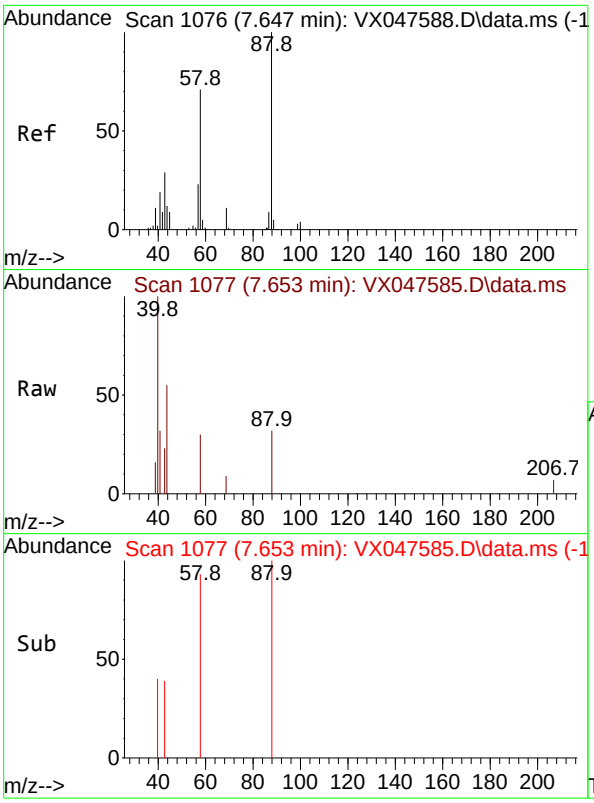


#48
Methyl methacrylate
Concen: 0.867 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 41 Resp: 3355

Ion	Ratio	Lower	Upper
41	100		
69	59.3	61.4	92.2#
39	59.5	45.8	68.6



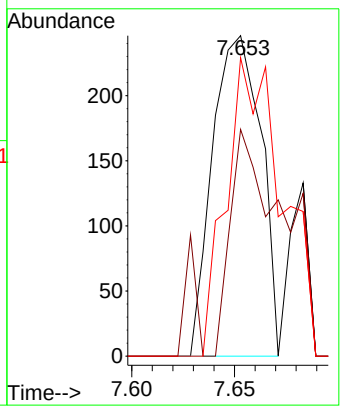


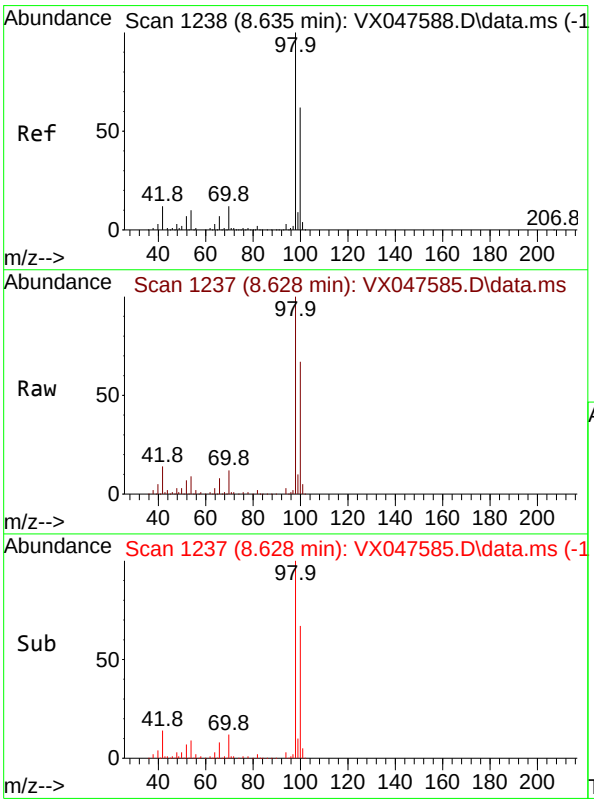
#49
1,4-Dioxane
Concen: 10.329 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 88 Resp: 404

Ion	Ratio	Lower	Upper
88	100		
43	77.5	30.2	45.2#
58	107.4	59.5	89.3#

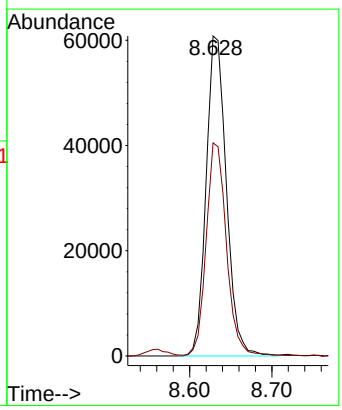


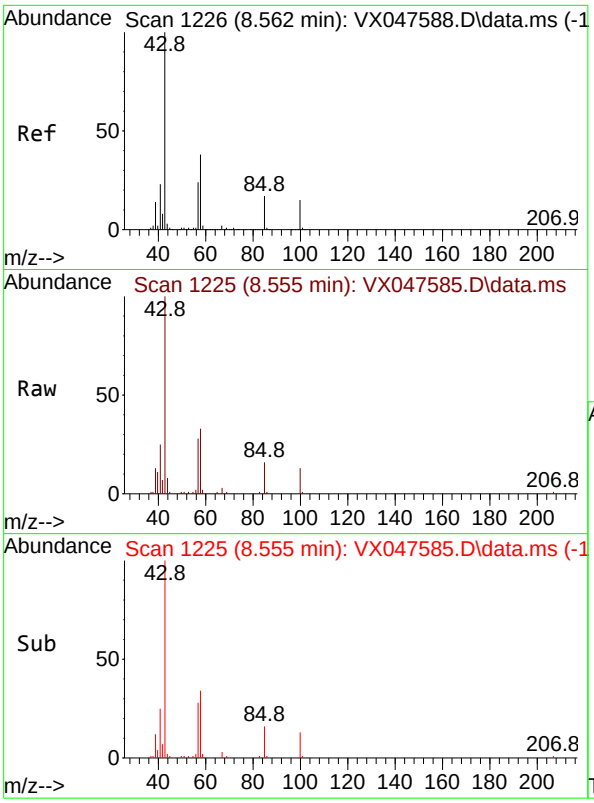


#50
Toluene-d8
Concen: 9.913 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 98 Resp: 103865

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



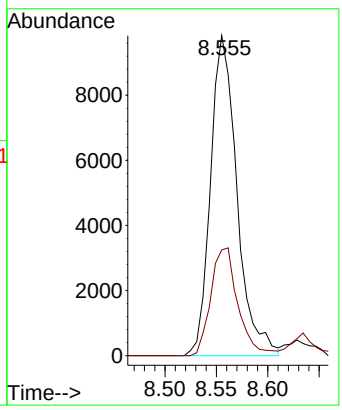


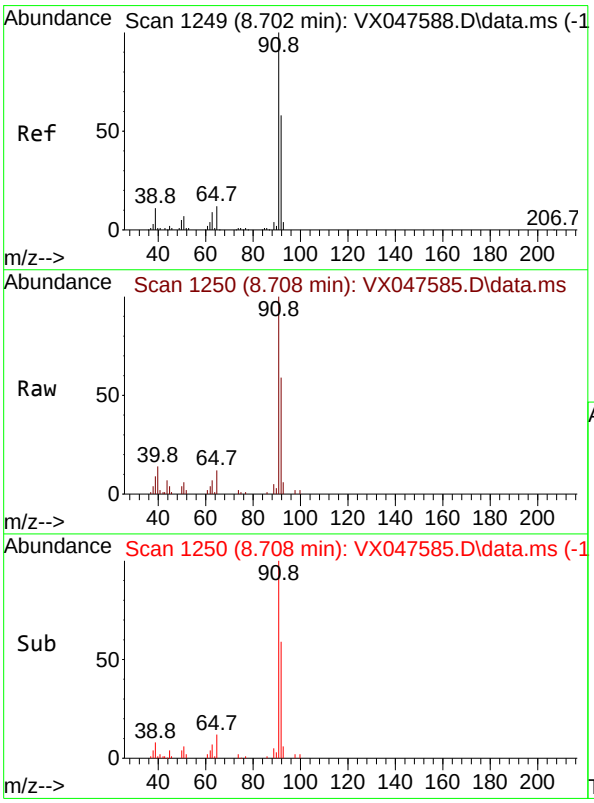
#51
4-Methyl-2-Pentanone
Concen: 4.085 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 17596

Ion	Ratio	Lower	Upper
43	100		
58	34.7	30.3	45.5

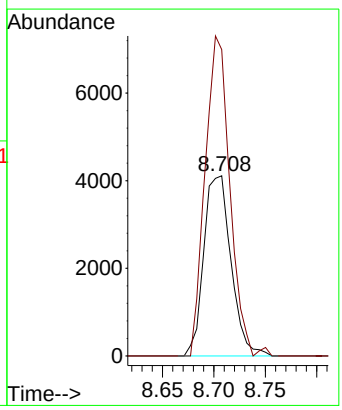


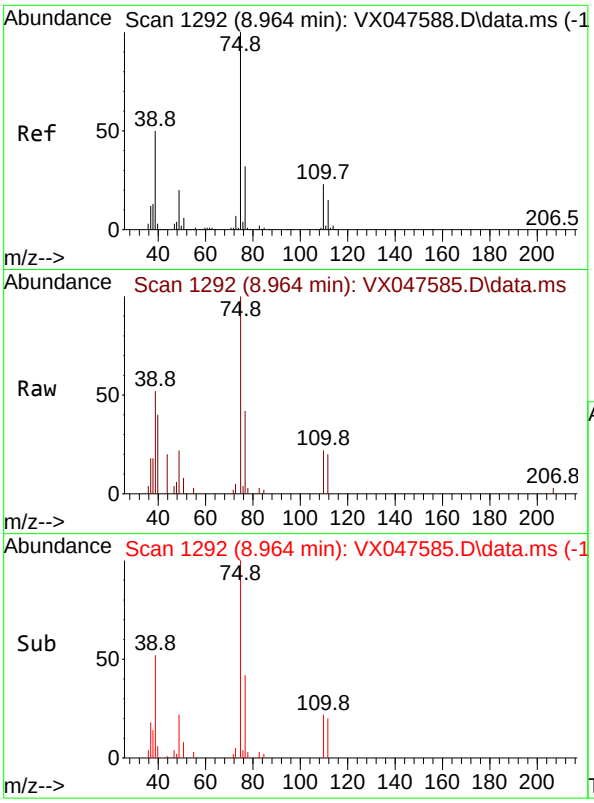


#52
Toluene
Concen: 0.917 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 92 Resp: 7595

Ion	Ratio	Lower	Upper
92	100		
91	160.7	137.1	205.7



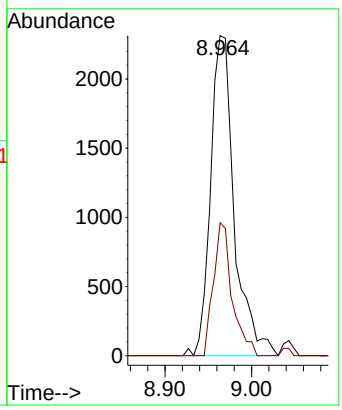


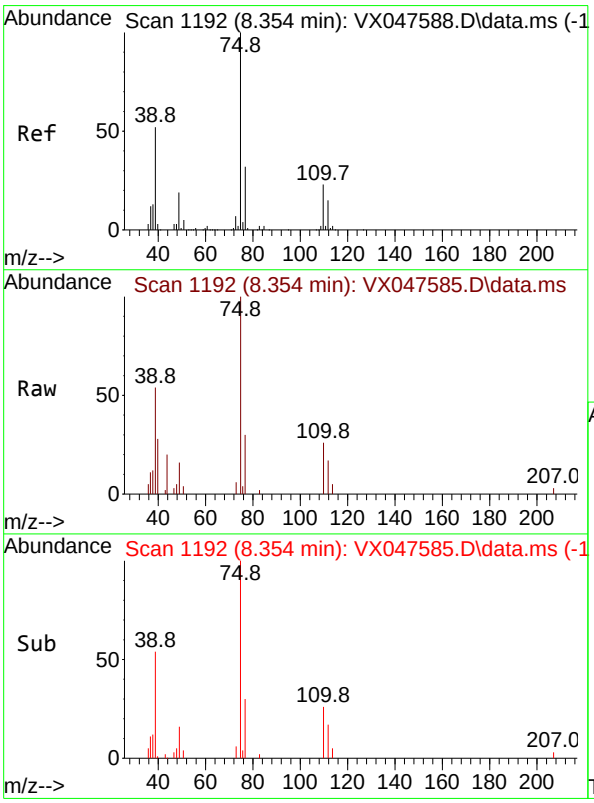
#53
t-1,3-Dichloropropene
Concen: 0.834 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 4398

Ion	Ratio	Lower	Upper
75	100		
77	41.5	25.4	38.2#

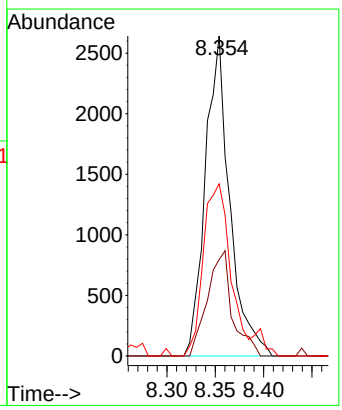


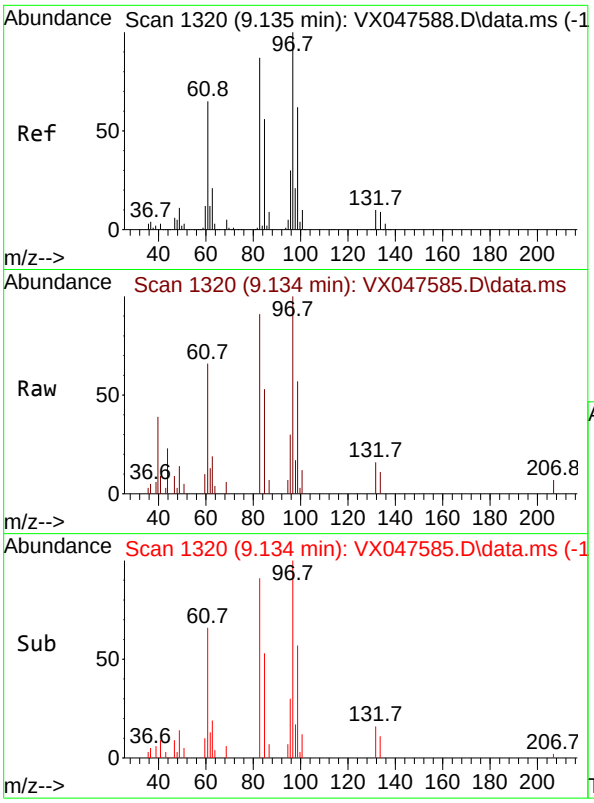


#54
cis-1,3-Dichloropropene
Concen: 0.823 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4635

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.8	38.6
39	25.6	41.4	62.2#



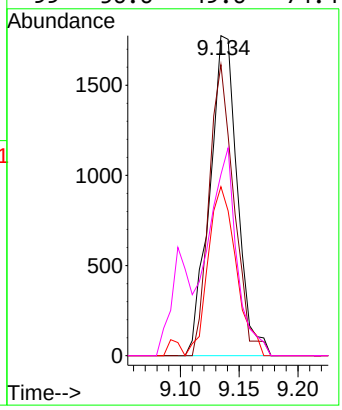


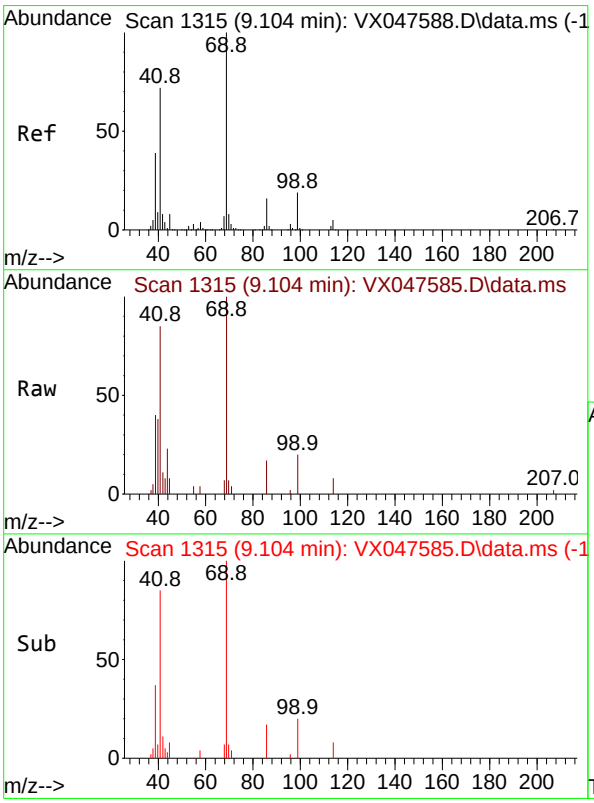
#55
1,1,2-Trichloroethane
Concen: 0.914 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

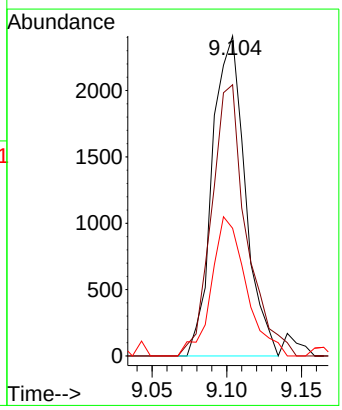


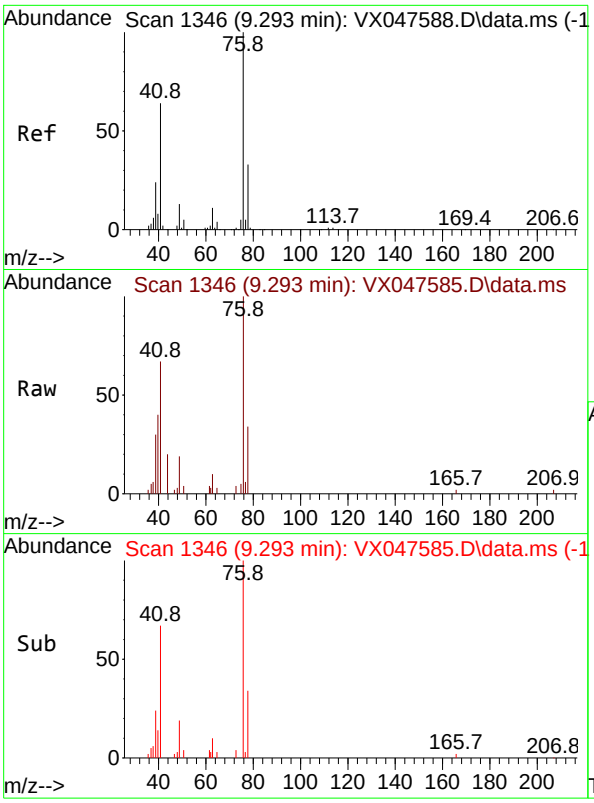


#56
Ethyl methacrylate
Concen: 0.734 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 69 Resp: 3679

Ion	Ratio	Lower	Upper
69	100		
41	89.4	58.6	87.8#
39	46.0	31.5	47.3



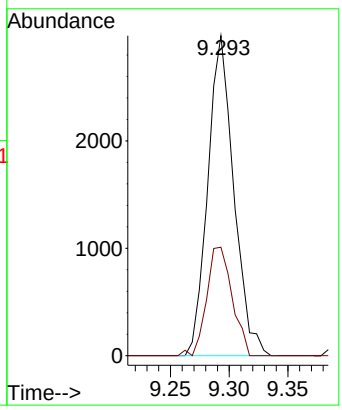


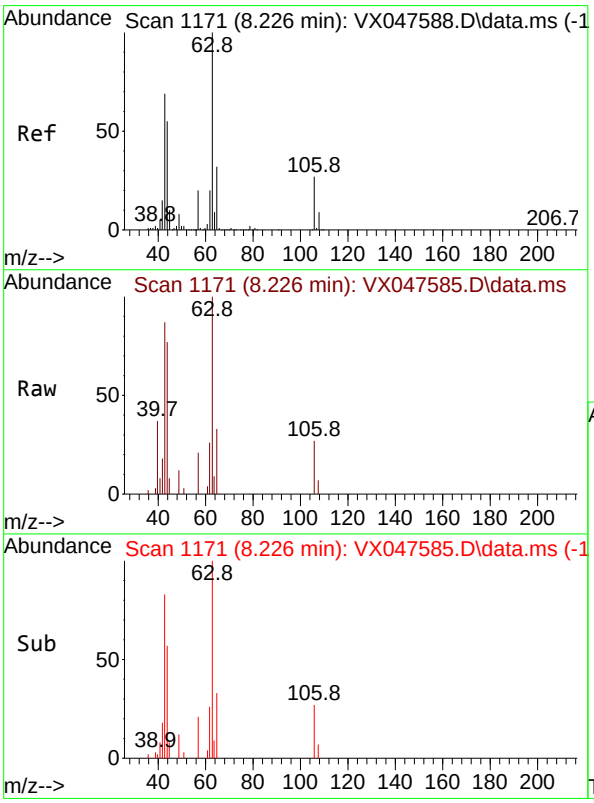
#57
1,3-Dichloropropane
Concen: 0.835 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 4580

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.4

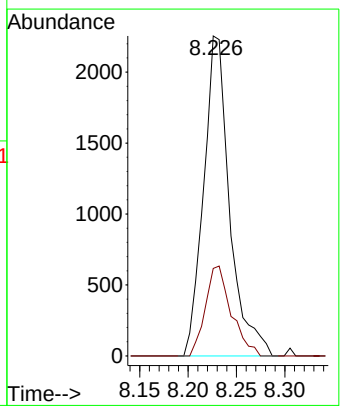


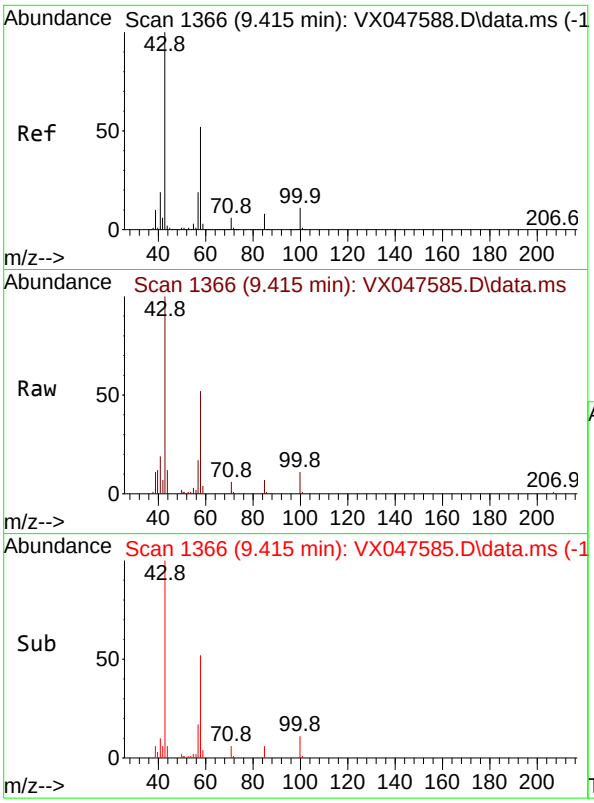


#58
2-Chloroethyl Vinyl ether
Concen: 9.665 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 63 Resp: 4222

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9



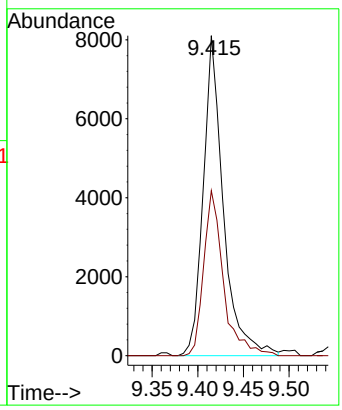


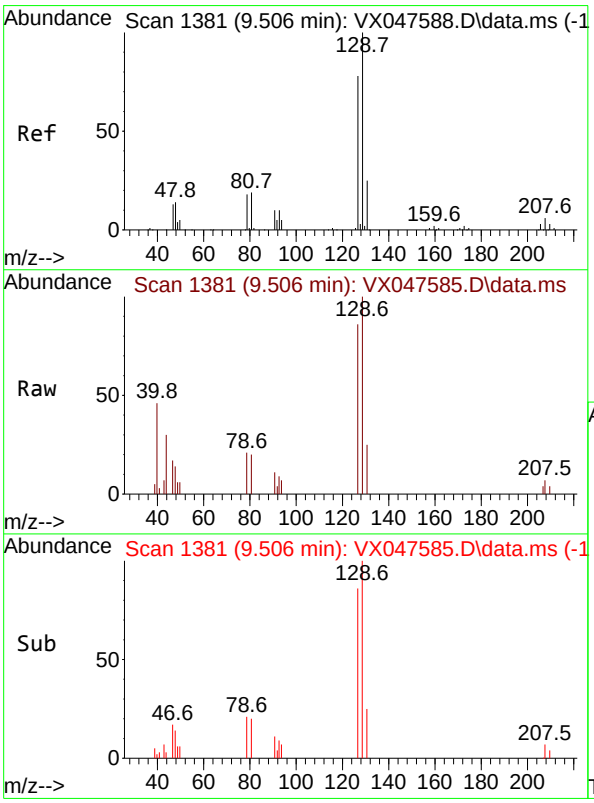
#59
2-Hexanone
Concen: 4.003 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 12385

Ion	Ratio	Lower	Upper
43	100		
58	50.7	26.1	78.2

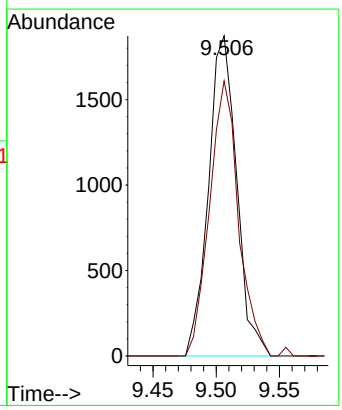


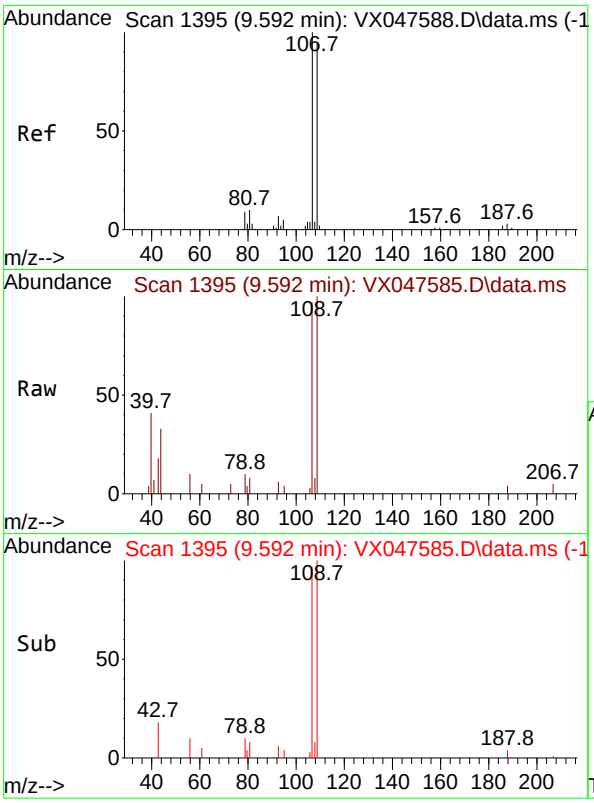


#60
Dibromochloromethane
Concen: 0.789 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:129 Resp: 2903

Ion	Ratio	Lower	Upper
129	100		
127	88.2	38.4	115.2



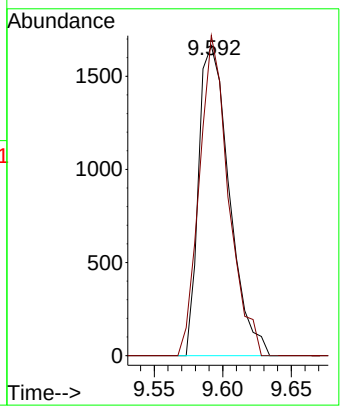


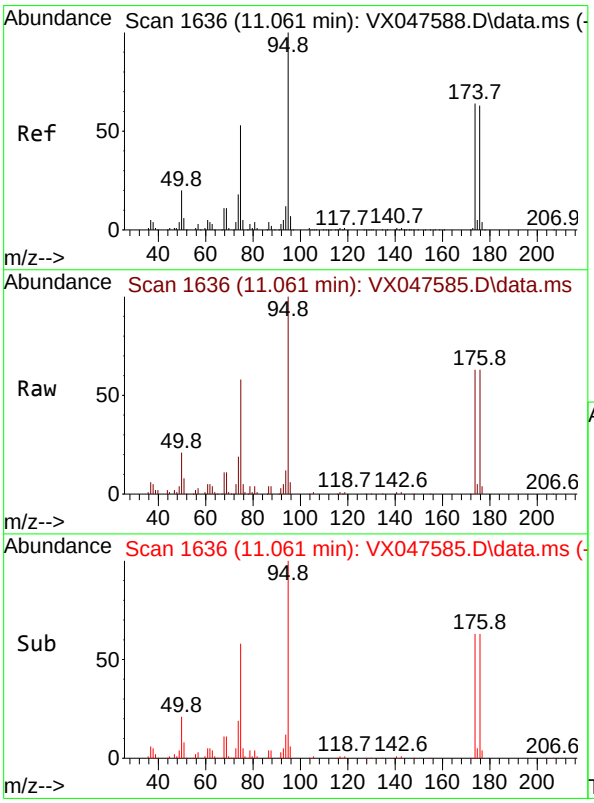
#61
1,2-Dibromoethane
Concen: 0.798 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 2596

Ion	Ratio	Lower	Upper
107	100		
109	97.7	75.3	112.9

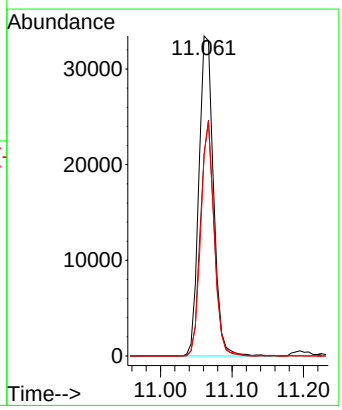


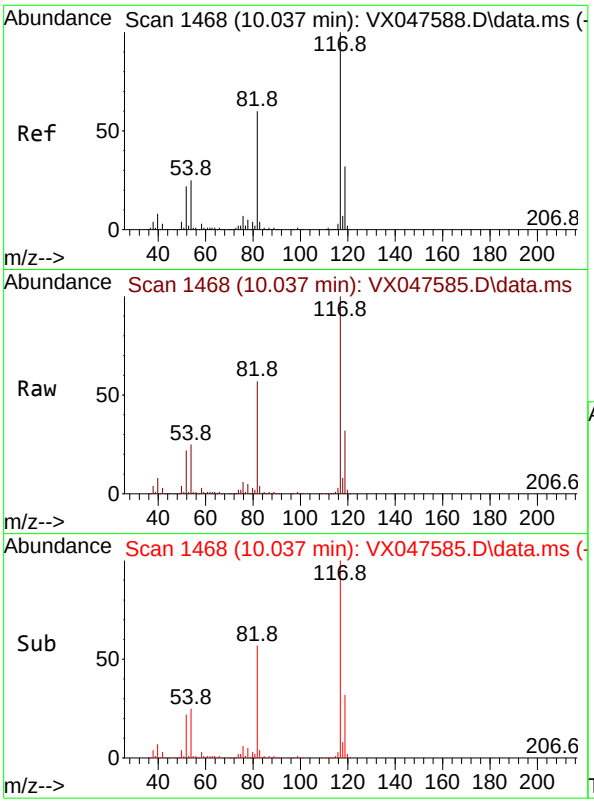


#62
4-Bromofluorobenzene
Concen: 11.900 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 95 Resp: 47321

Ion	Ratio	Lower	Upper
95	100		
174	68.9	0.0	141.6
176	67.0	0.0	138.4



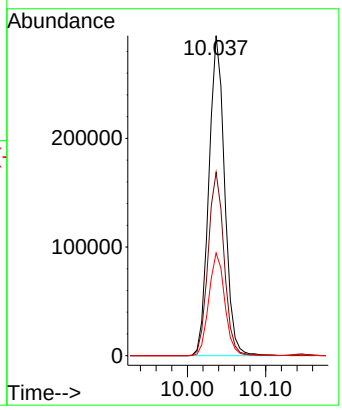


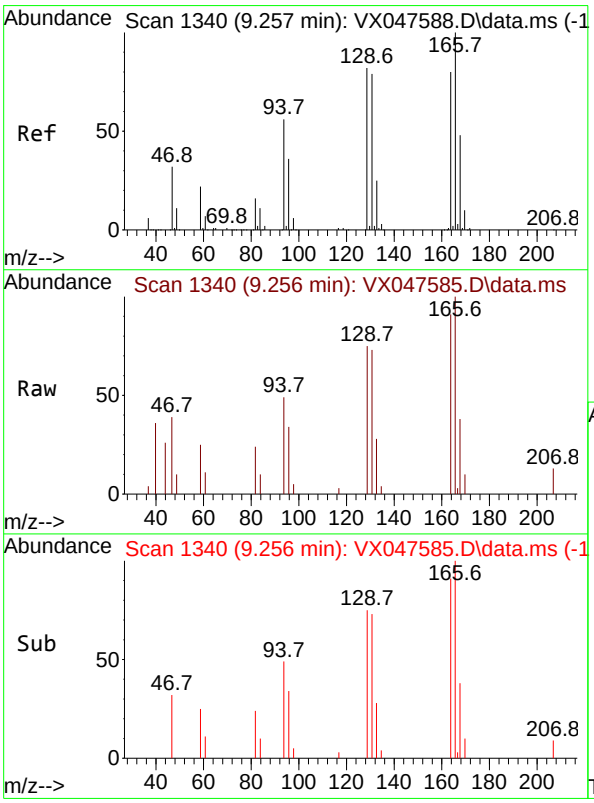
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

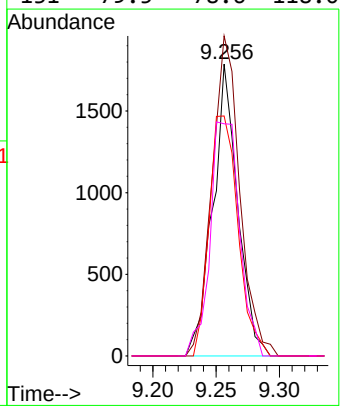


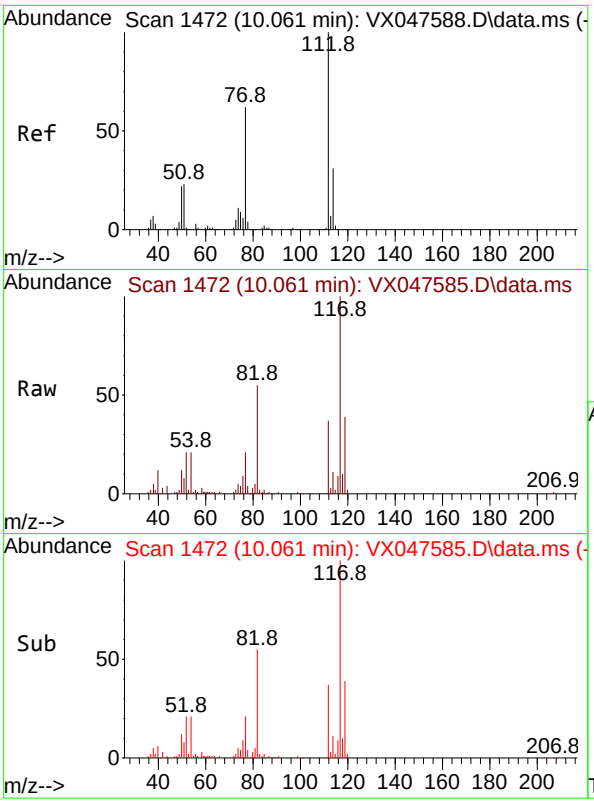


#64
Tetrachloroethene
Concen: 0.917 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:164 Resp: 2457

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



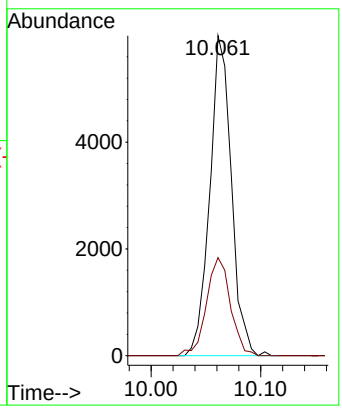


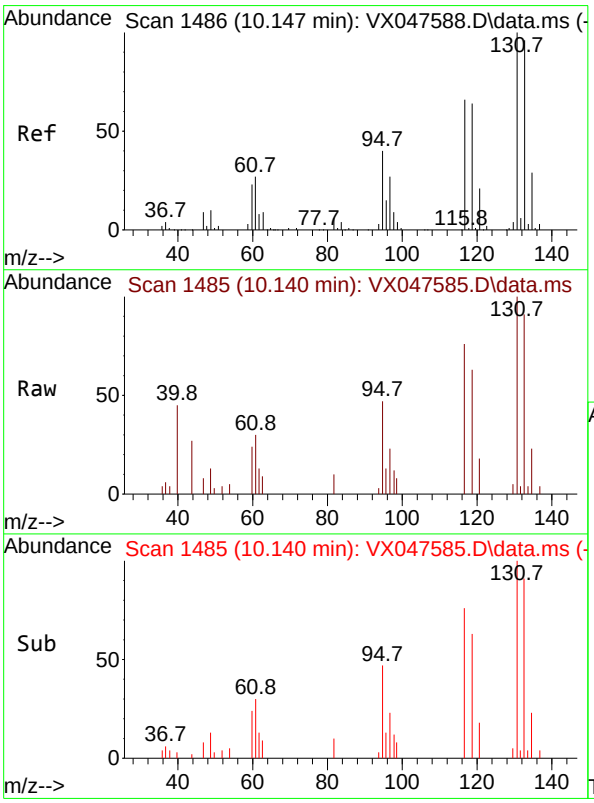
#65
Chlorobenzene
Concen: 0.879 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 8202

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.1	37.7

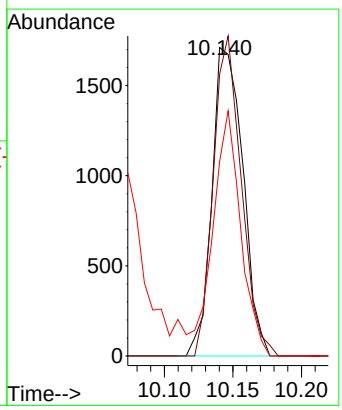


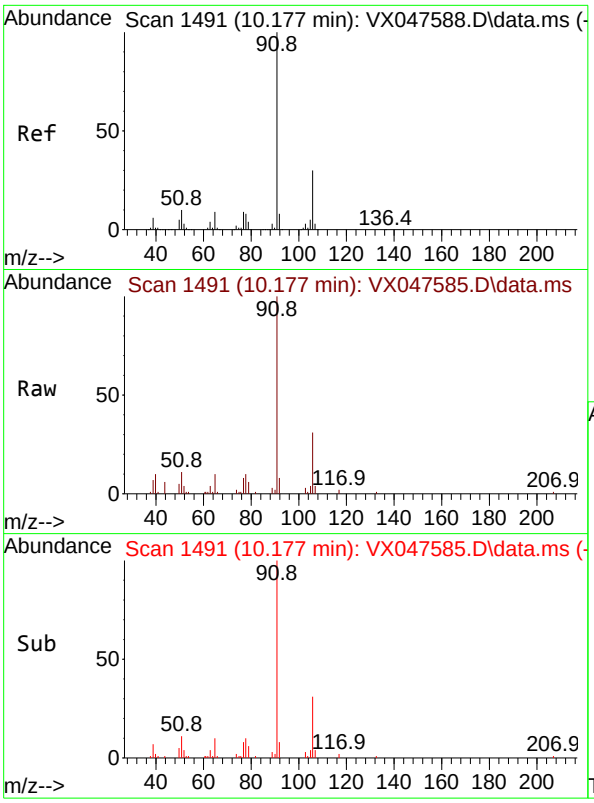


#66
1,1,1,2-Tetrachloroethane
Concen: 0.833 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:131 Resp: 2684

Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	142.0
119	0.0	32.0	96.0#



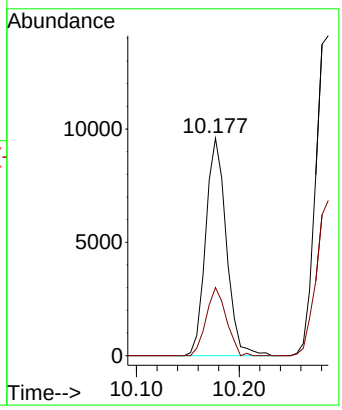


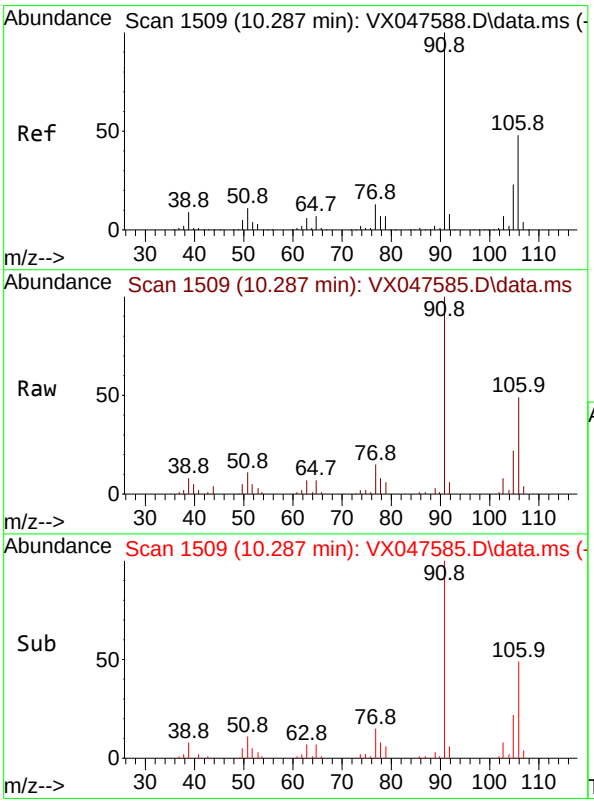
#67
Ethyl Benzene
Concen: 0.829 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 13360

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.3	36.5

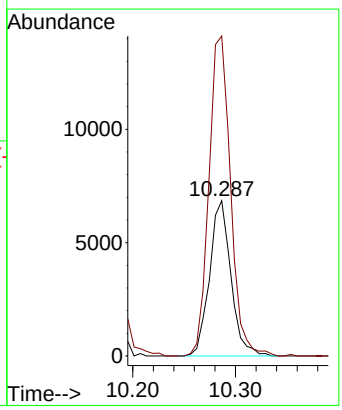


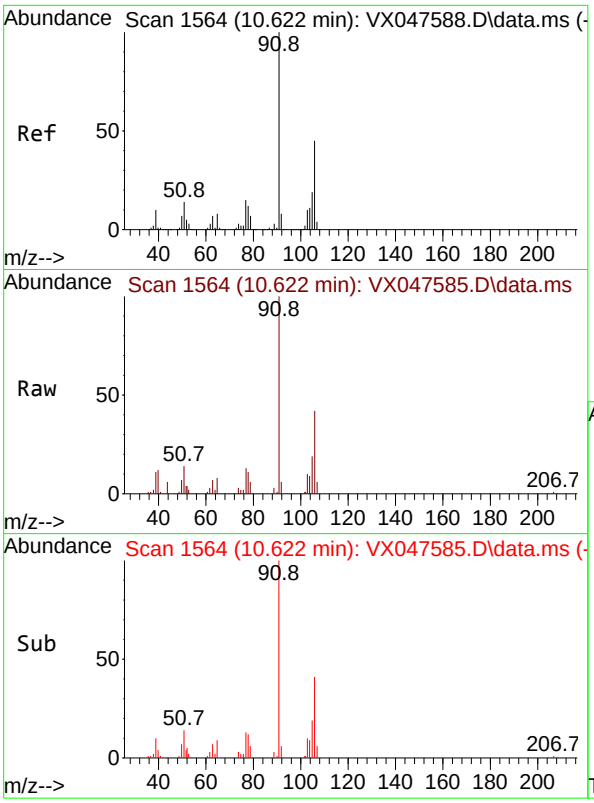


#68
m/p-Xylenes
Concen: 1.655 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:106 Resp: 9922

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8



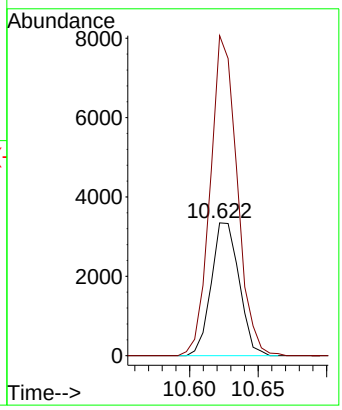


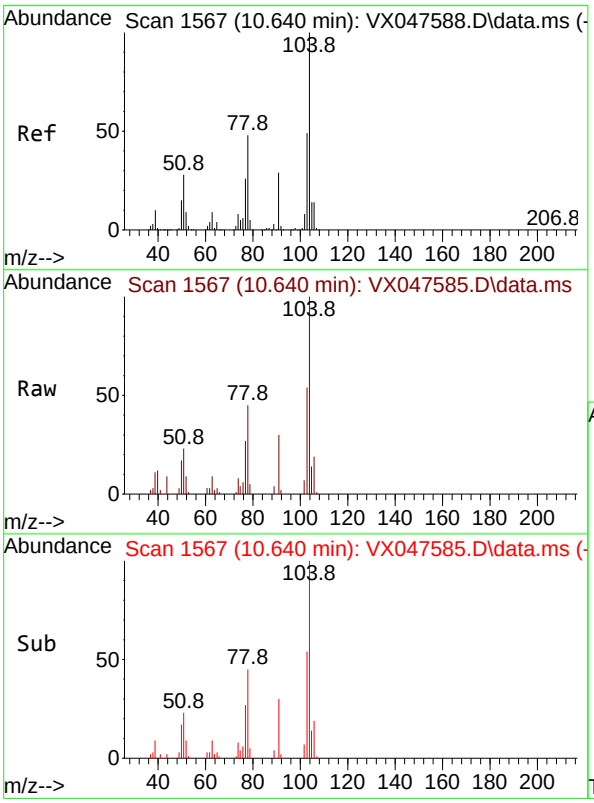
#69
o-Xylene
Concen: 0.816 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:106 Resp: 4734

Ion	Ratio	Lower	Upper
106	100		
91	232.4	111.1	333.4

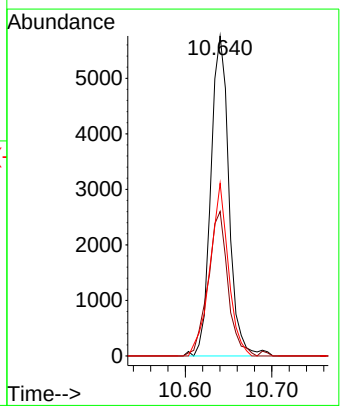


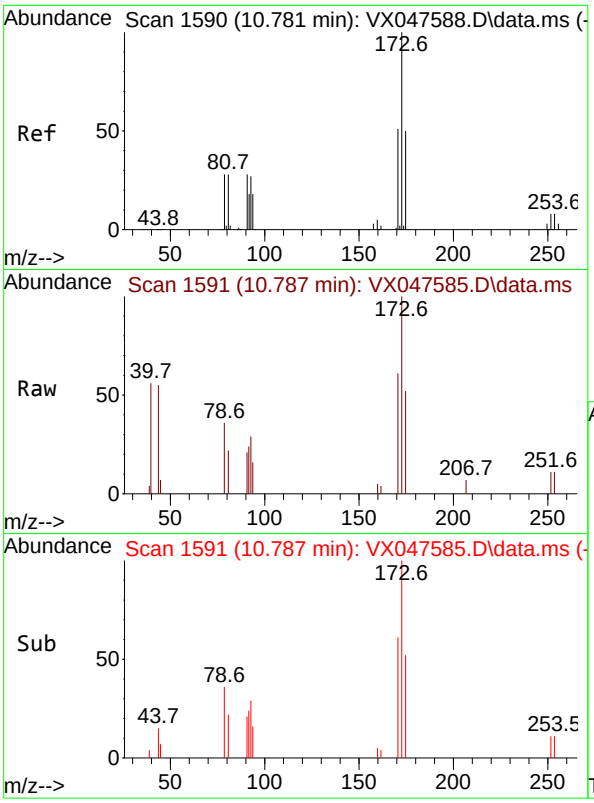


#70
Styrene
Concen: 0.824 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:104 Resp: 8377

Ion	Ratio	Lower	Upper
104	100		
78	49.5	43.1	64.7
103	55.0	43.1	64.7



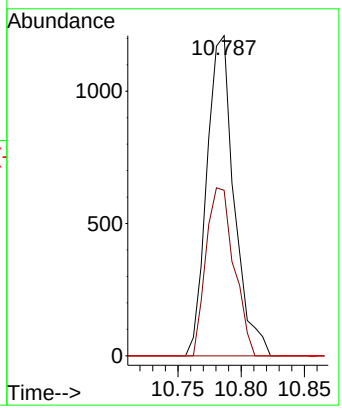


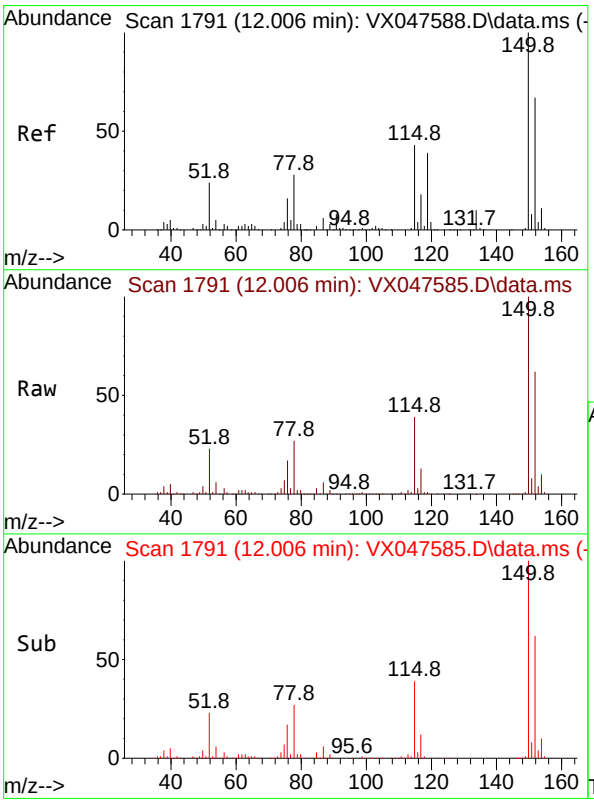
#71
Bromoform
Concen: 0.755 ug/l
RT: 10.787 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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#

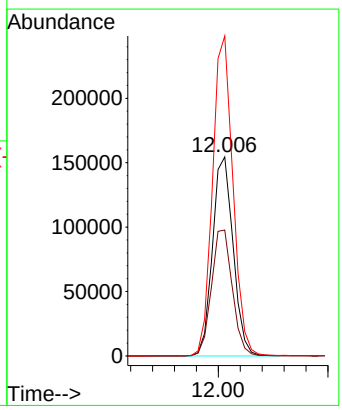


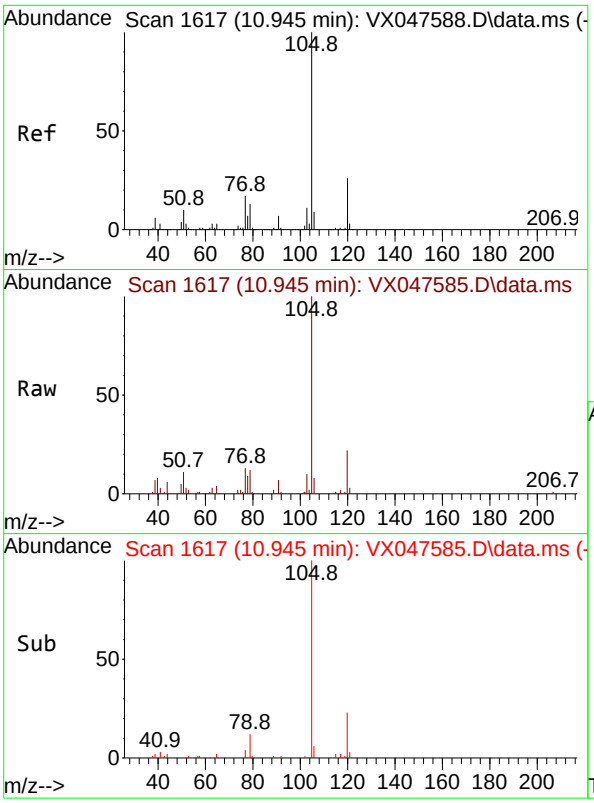


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:152 Resp: 201976

Ion	Ratio	Lower	Upper
152	100		
115	64.2	44.9	134.5
150	158.7	0.0	352.0



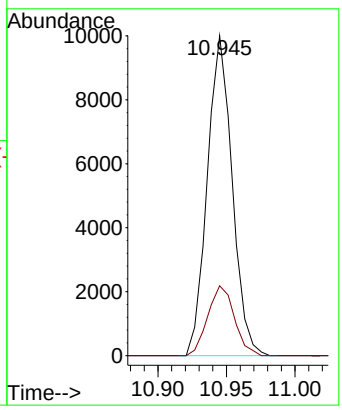


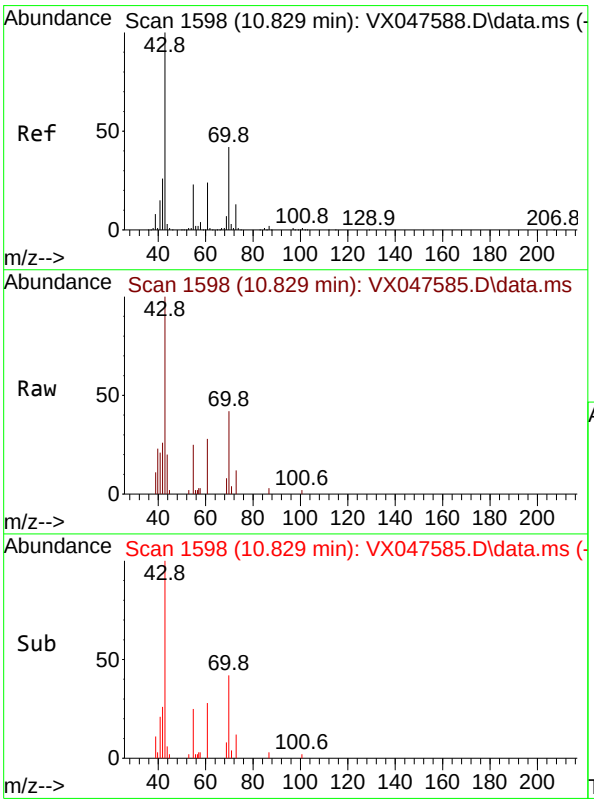
#73
Isopropylbenzene
Concen: 0.822 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 12618

Ion	Ratio	Lower	Upper
105	100		
120	23.4	12.8	38.4

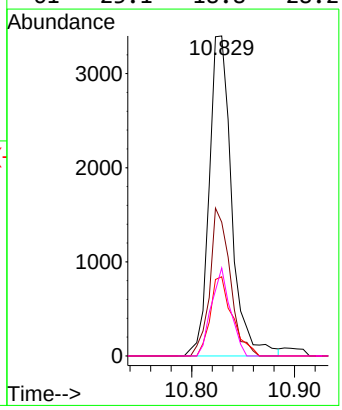


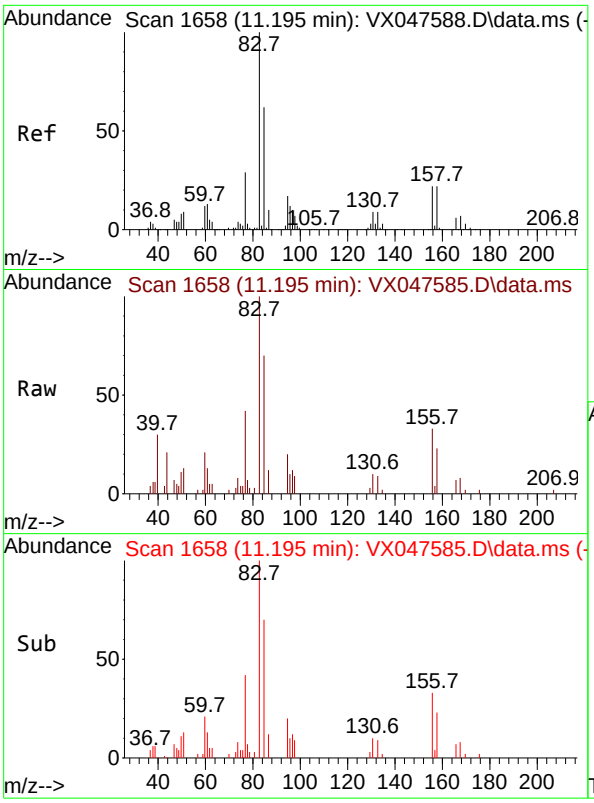


#74
N-amyl acetate
Concen: 0.737 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 43 Resp: 5159

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



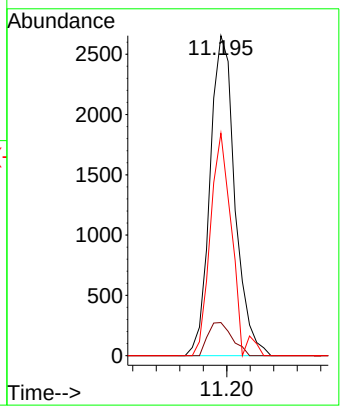


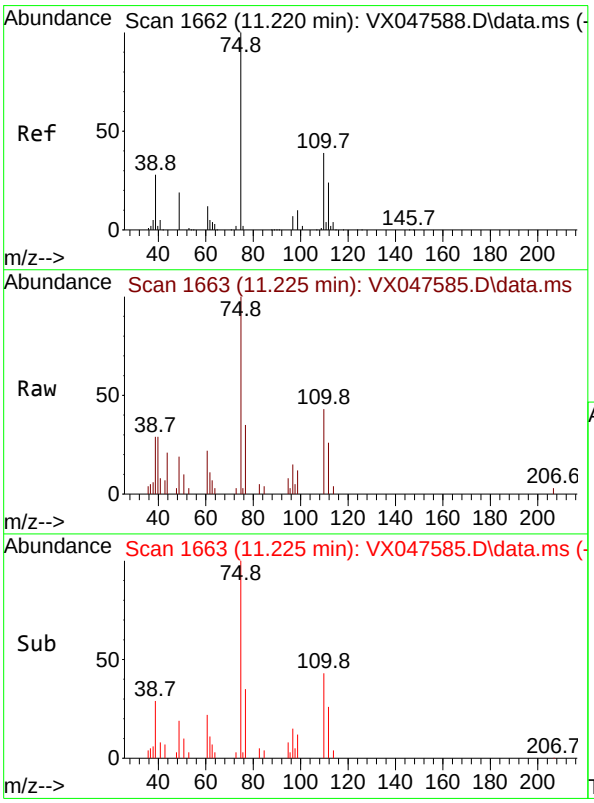
#75
1,1,2,2-Tetrachloroethane
Concen: 0.839 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

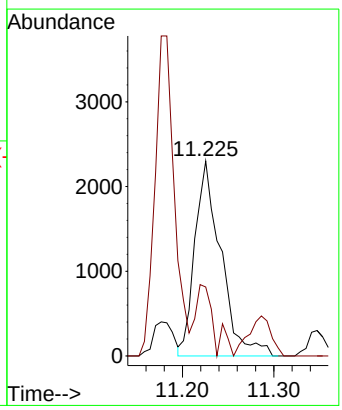


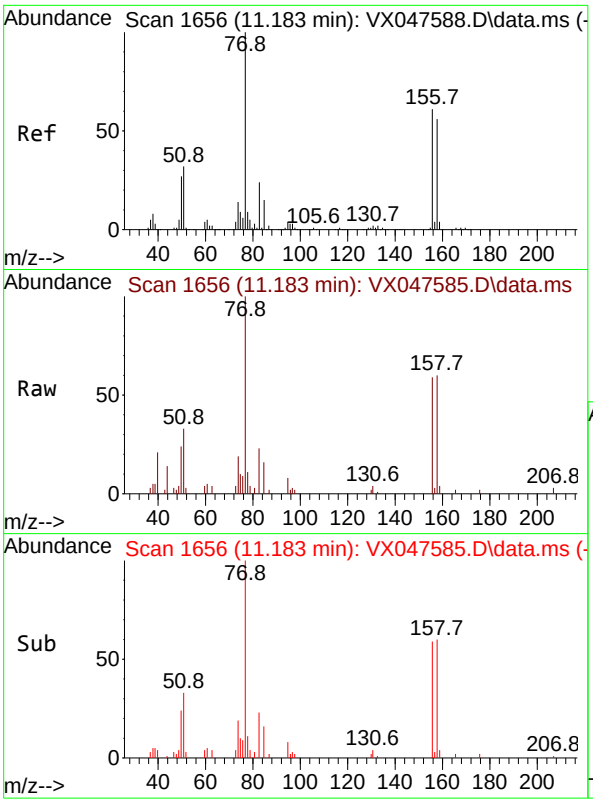


#76
1,2,3-Trichloropropane
Concen: 1.117 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 75 Resp: 4568

Ion	Ratio	Lower	Upper
75	100		
77	25.9	18.8	56.4



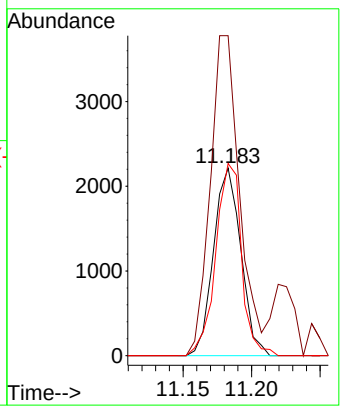


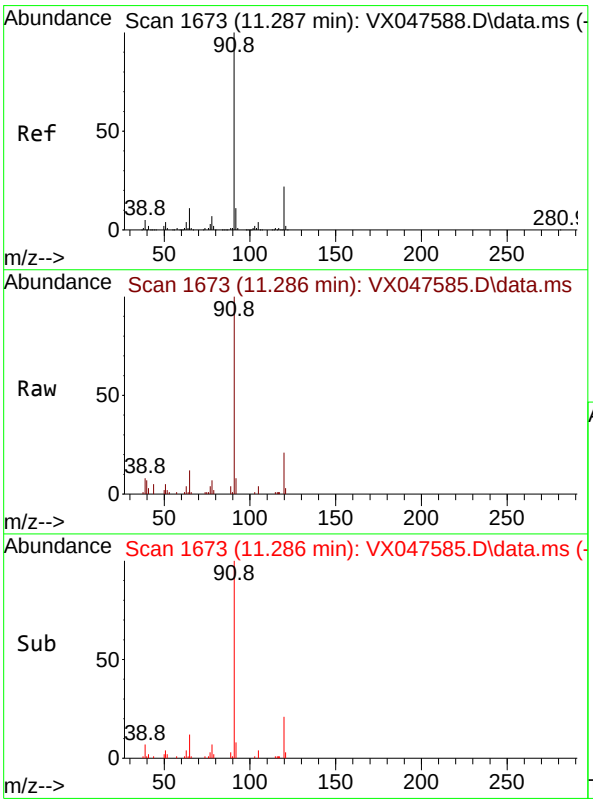
#77
Bromobenzene
Concen: 0.811 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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

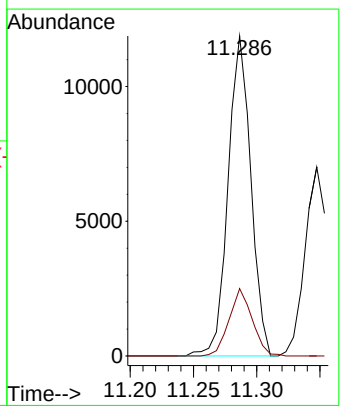


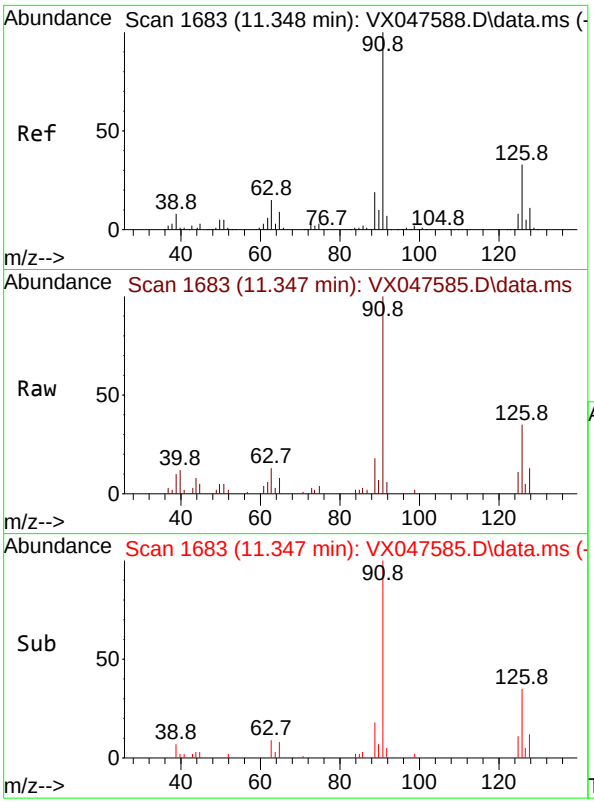


#78
n-propylbenzene
Concen: 0.819 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 14866

Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.1	33.1



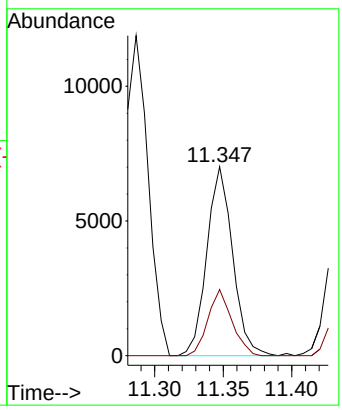


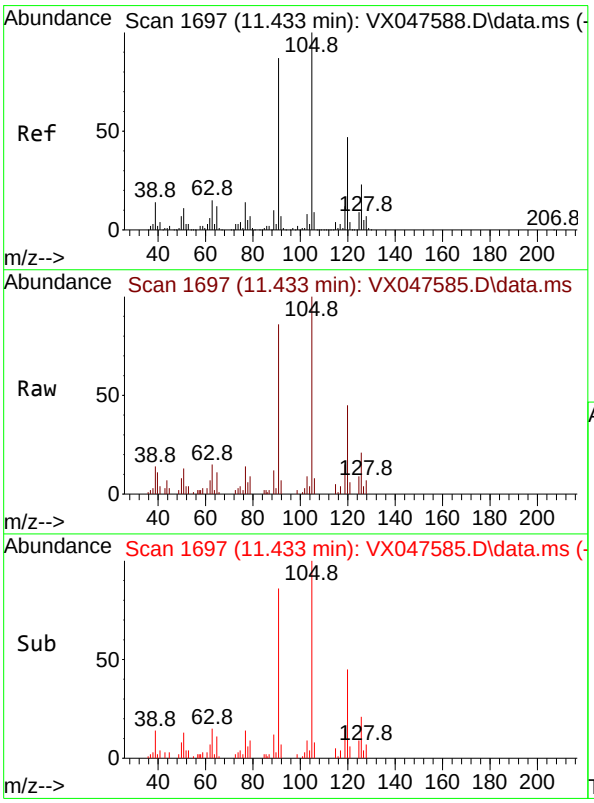
#79
2-Chlorotoluene
Concen: 0.827 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 9195

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.3

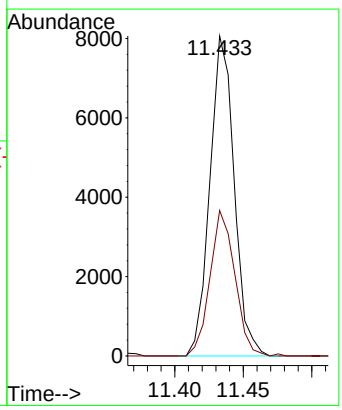


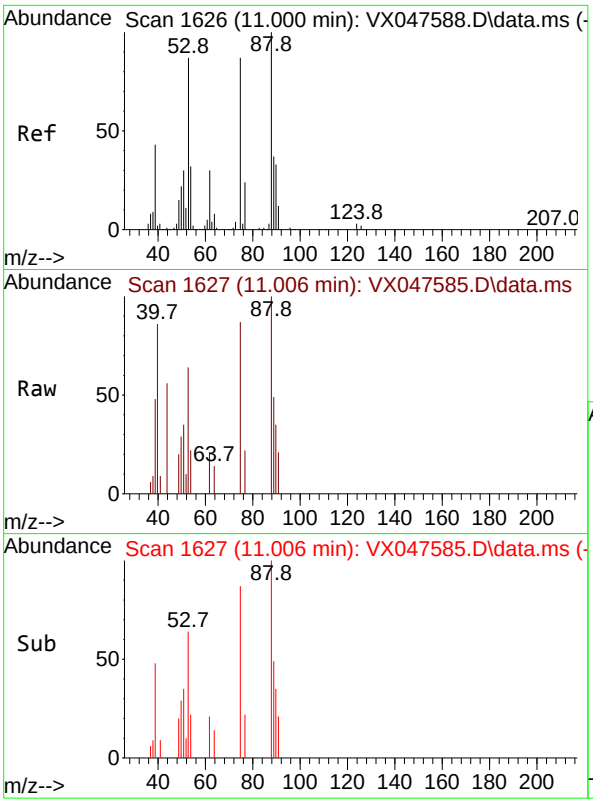


#80
1,3,5-Trimethylbenzene
Concen: 0.787 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 9929

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.6	70.8



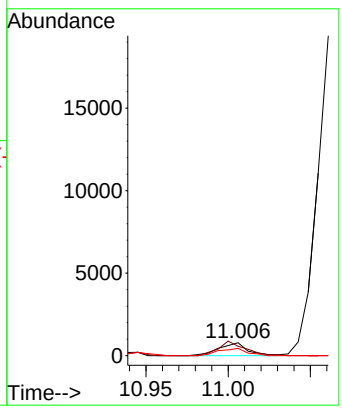


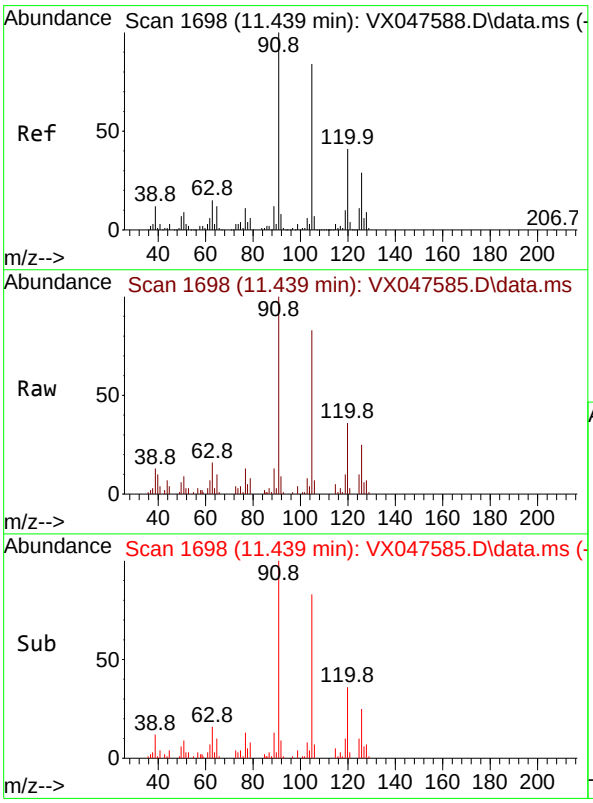
#81
trans-1,4-Dichloro-2-butene
Concen: 0.599 ug/l
RT: 11.006 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 960

Ion	Ratio	Lower	Upper
75	100		
53	103.2	83.4	125.2
89	55.2	36.3	54.5#

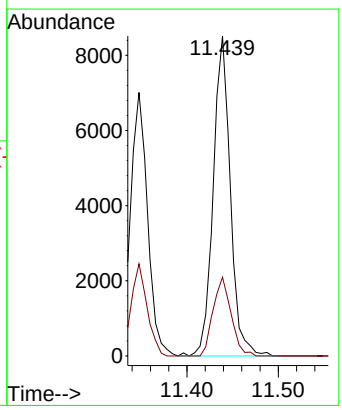


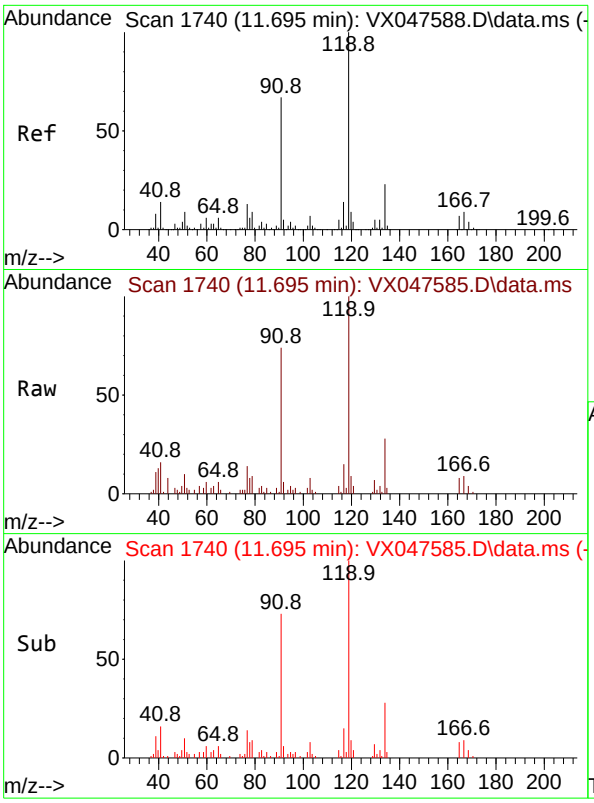


#82
4-Chlorotoluene
Concen: 0.847 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion: 91 Resp: 11123

Ion	Ratio	Lower	Upper
91	100		
126	25.8	14.2	42.6



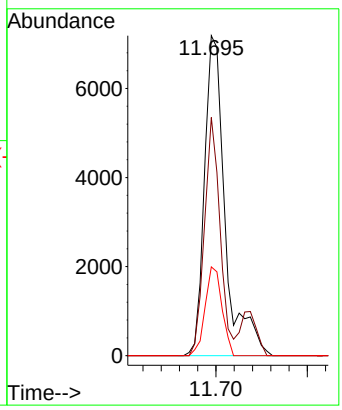


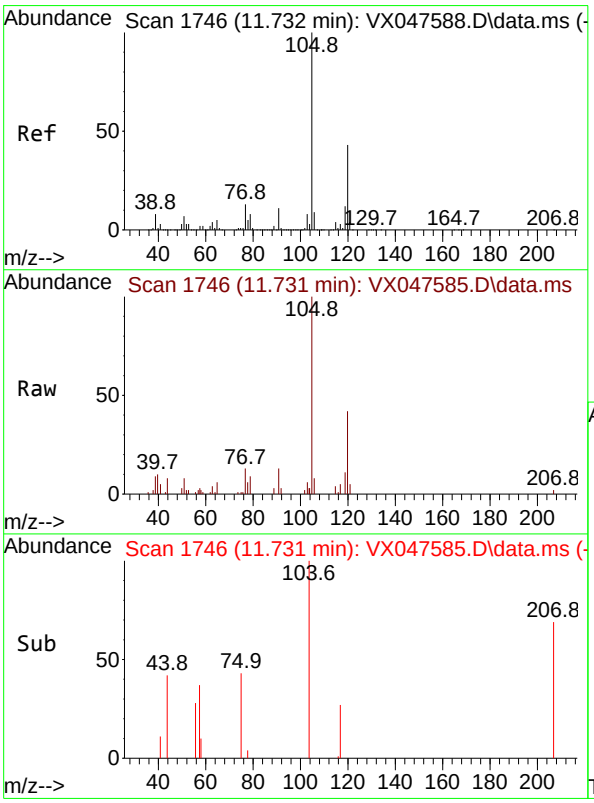
#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 11311

Ion	Ratio	Lower	Upper
119	100		
91	56.1	29.6	88.8
134	22.5	11.0	33.0

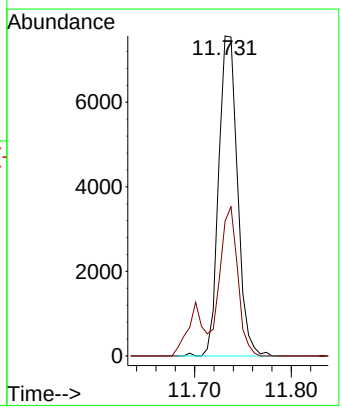


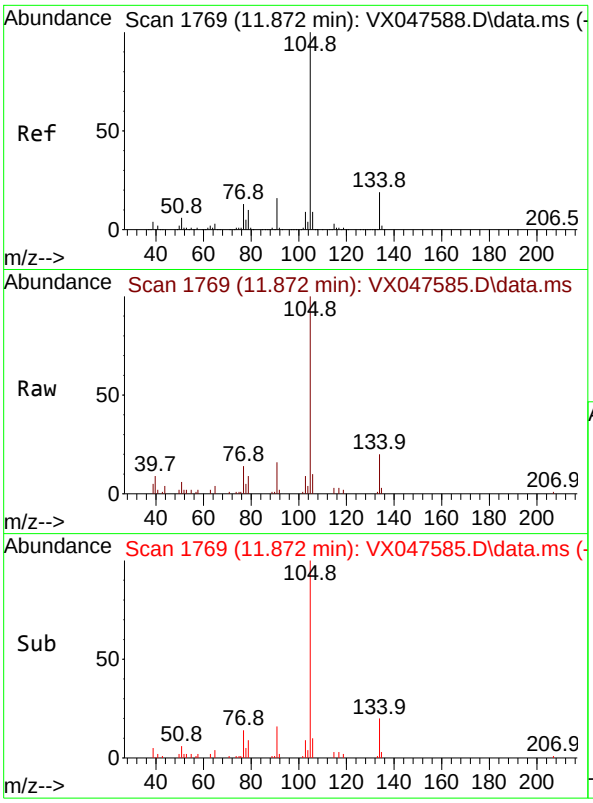


#84
1,2,4-Trimethylbenzene
Concen: 0.796 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:105 Resp: 10187

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.1



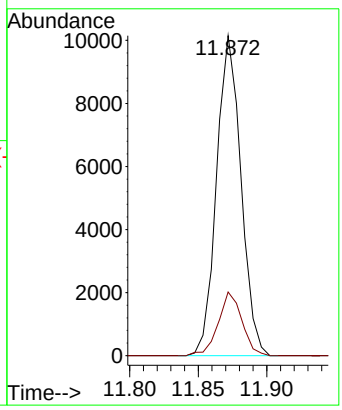


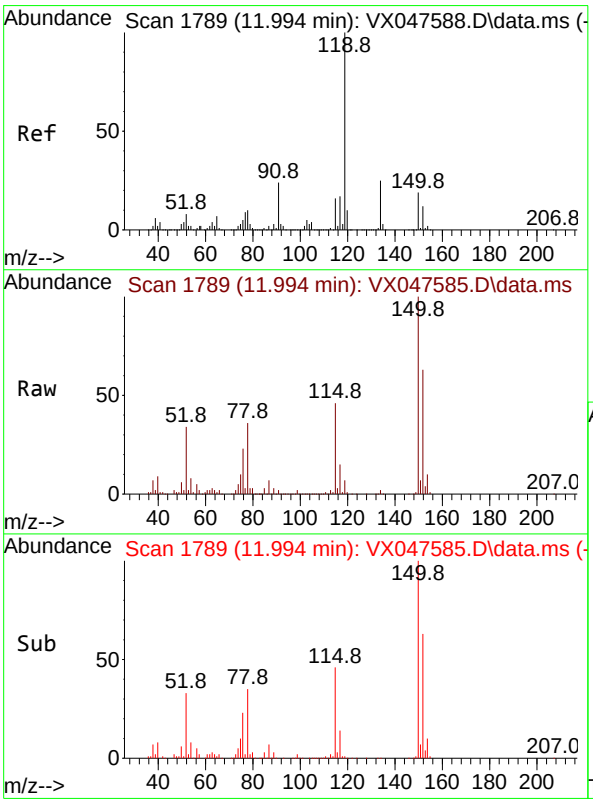
#85
sec-Butylbenzene
Concen: 0.819 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 12561

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

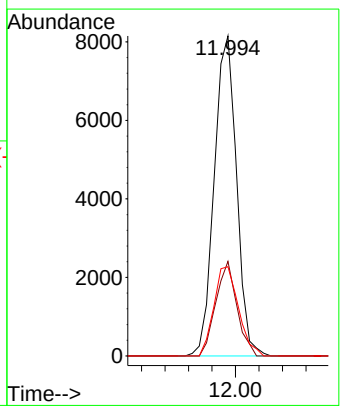


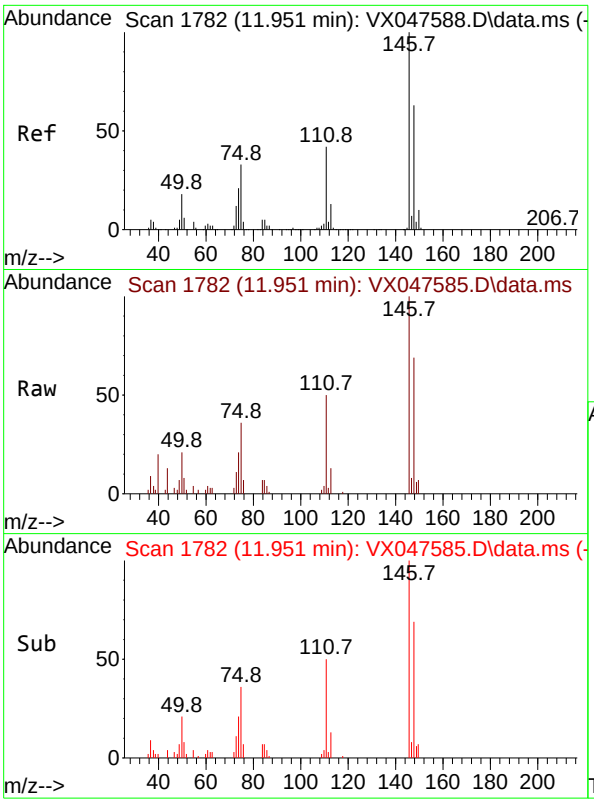


#86
p-Isopropyltoluene
Concen: 0.827 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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



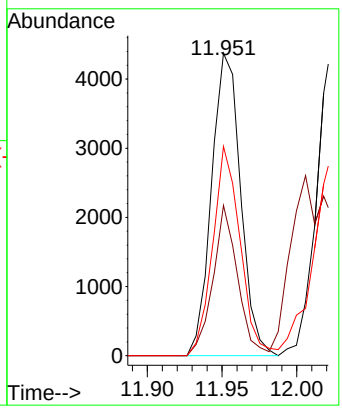


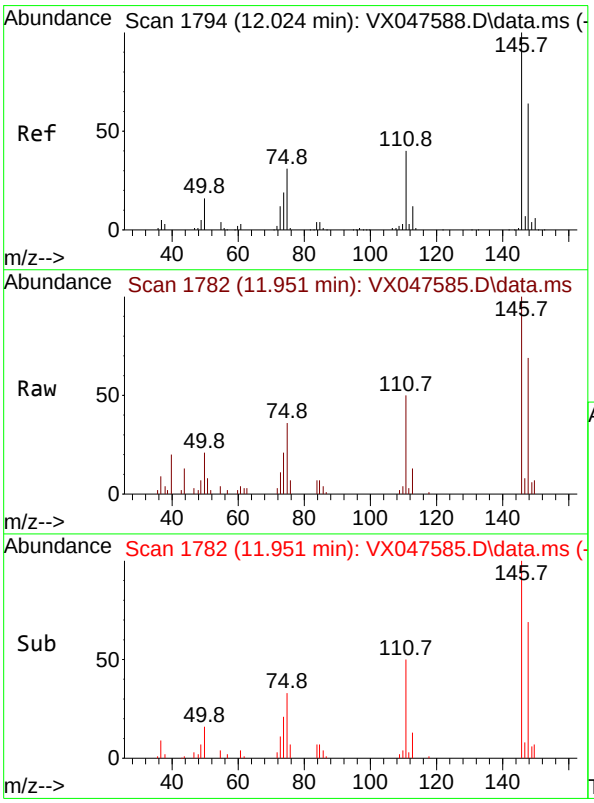
#87
1,3-Dichlorobenzene
Concen: 0.841 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 5907

Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.5	64.5
148	65.5	32.0	96.0

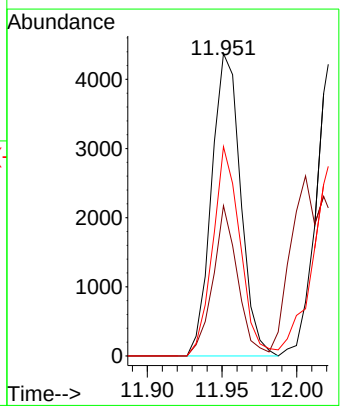


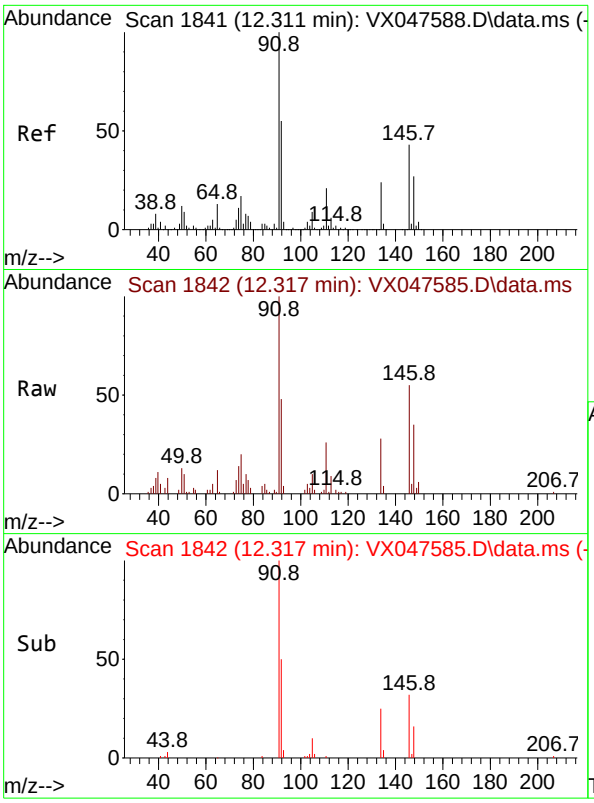


#88
1,4-Dichlorobenzene
Concen: 0.819 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.073 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:146 Resp: 5907

Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.4
148	65.5	31.7	95.1



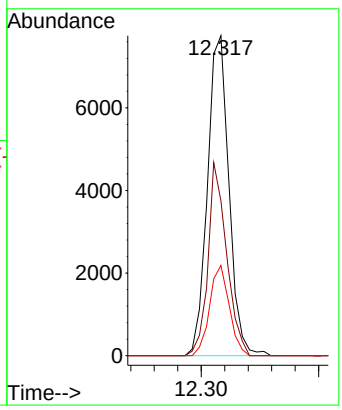


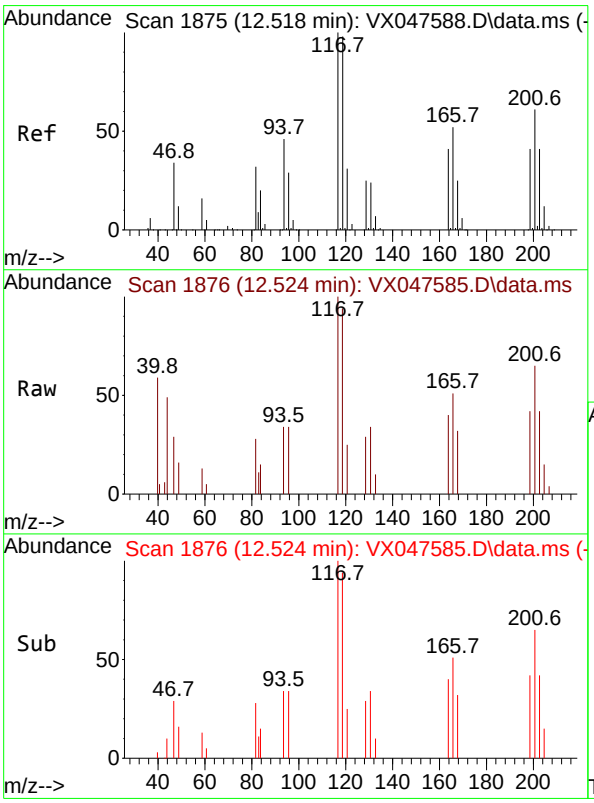
#89
n-Butylbenzene
Concen: 0.816 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 9811

Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.6	82.7
134	25.9	12.6	37.8

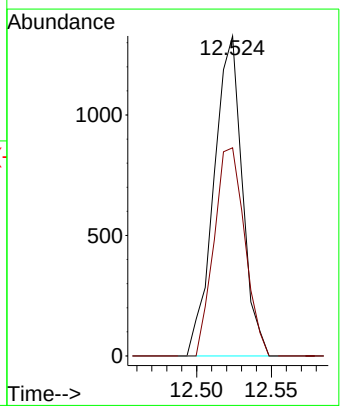


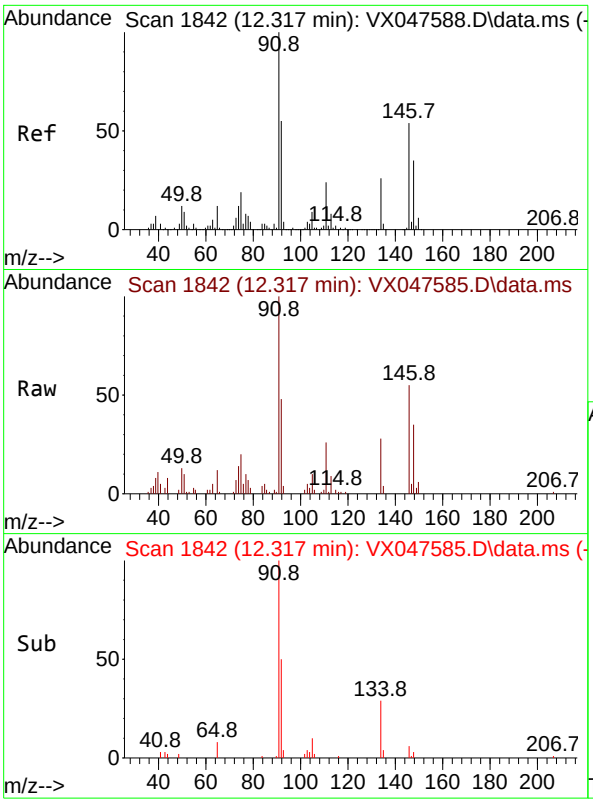


#90
Hexachloroethane
Concen: 0.768 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Tgt Ion:117 Resp: 1752

Ion	Ratio	Lower	Upper
117	100		
201	70.4	34.2	102.5



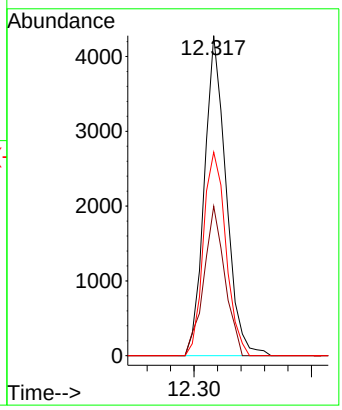


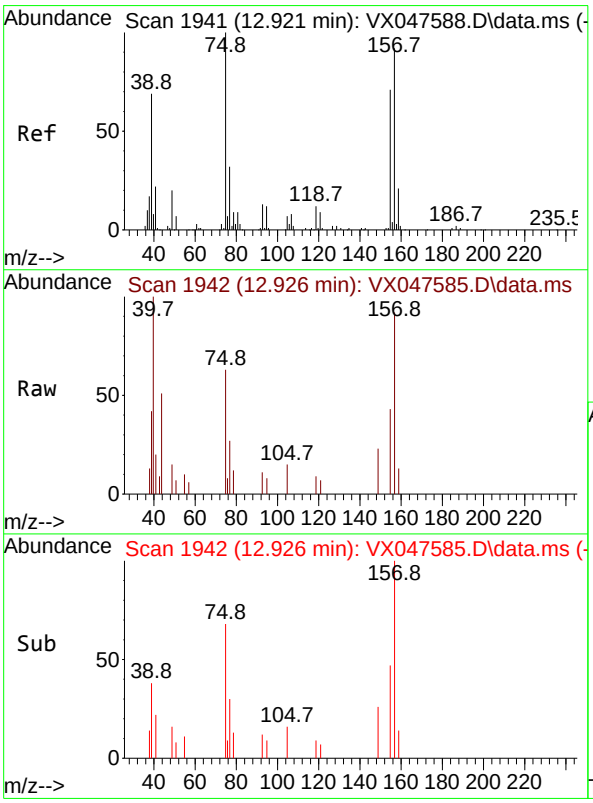
#91
1,2-Dichlorobenzene
Concen: 0.820 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 5491

Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.2	66.6
148	65.8	31.8	95.4

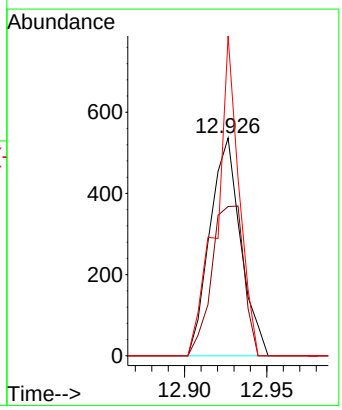


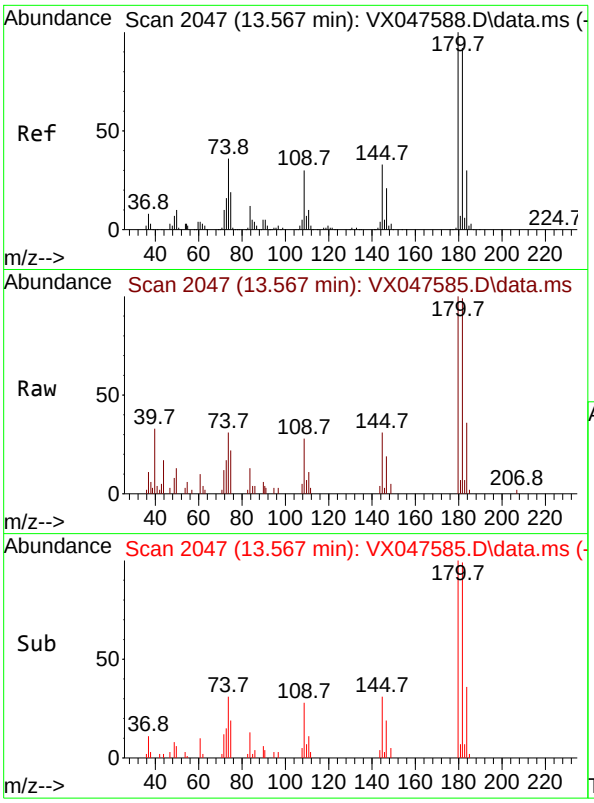


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.742 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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



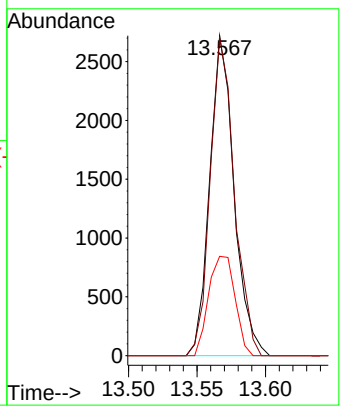


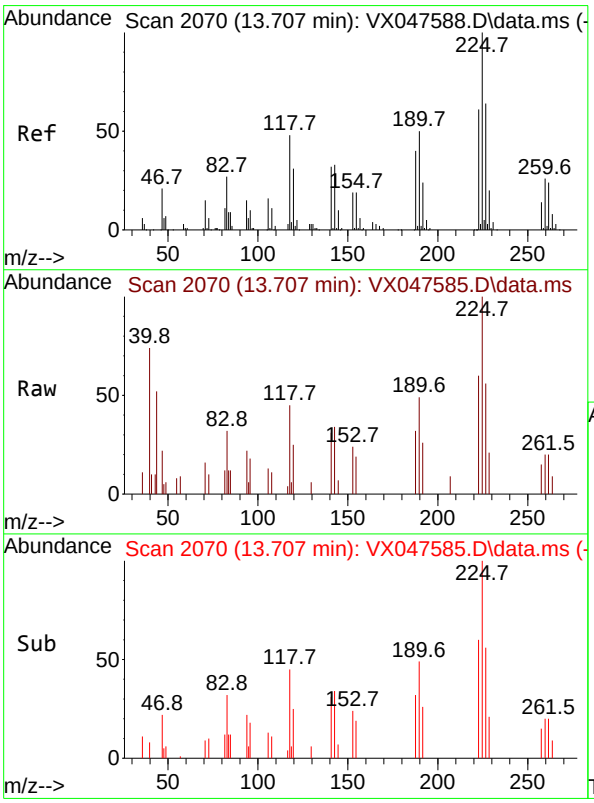
#93
1,2,4-Trichlorobenzene
Concen: 0.772 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 3358

Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.6	139.8
145	33.7	16.4	49.1

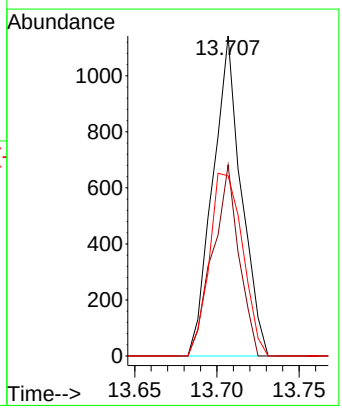


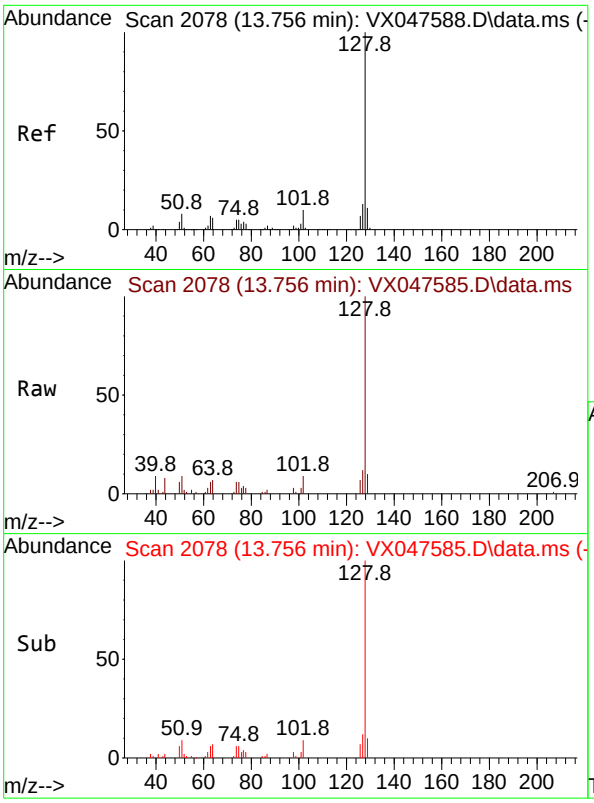


#94
Hexachlorobutadiene
Concen: 0.933 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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



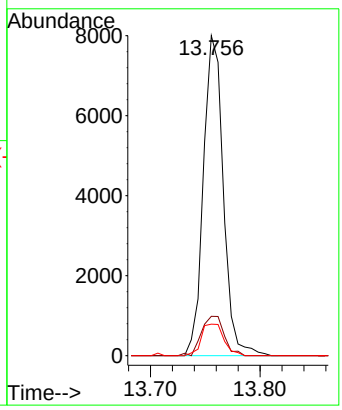


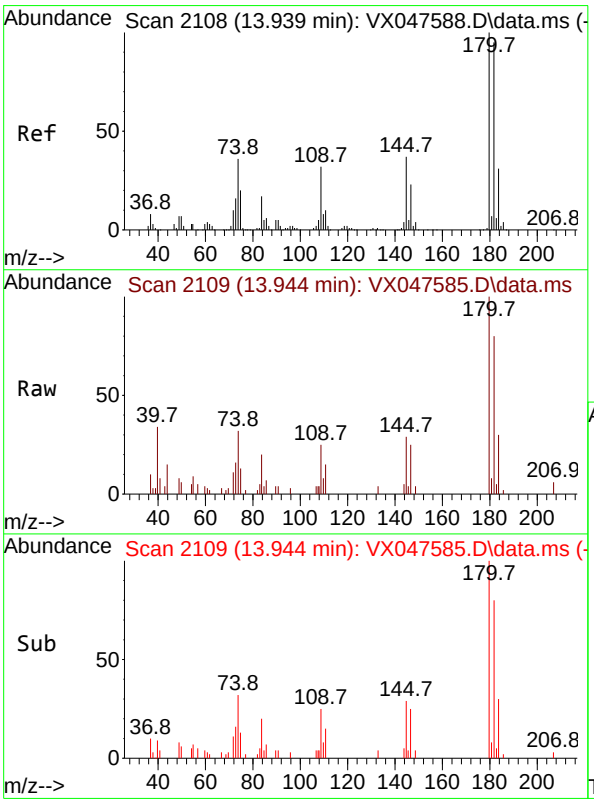
#95
Naphthalene
Concen: 0.763 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 10112

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.2
129	11.2	8.8	13.2

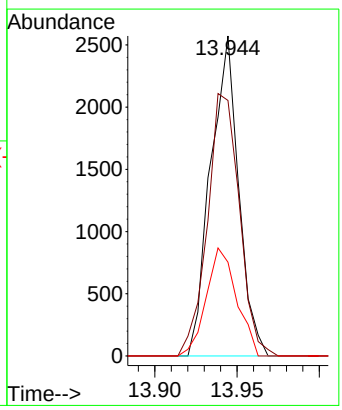




#96
1,2,3-Trichlorobenzene
Concen: 0.752 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047585.D
Acq: 16 Sep 2025 09:23

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



Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:48:02 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	5.538	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

Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:48:02 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)
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	18494	5.847	ug/l		96
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

Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:48:02 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)

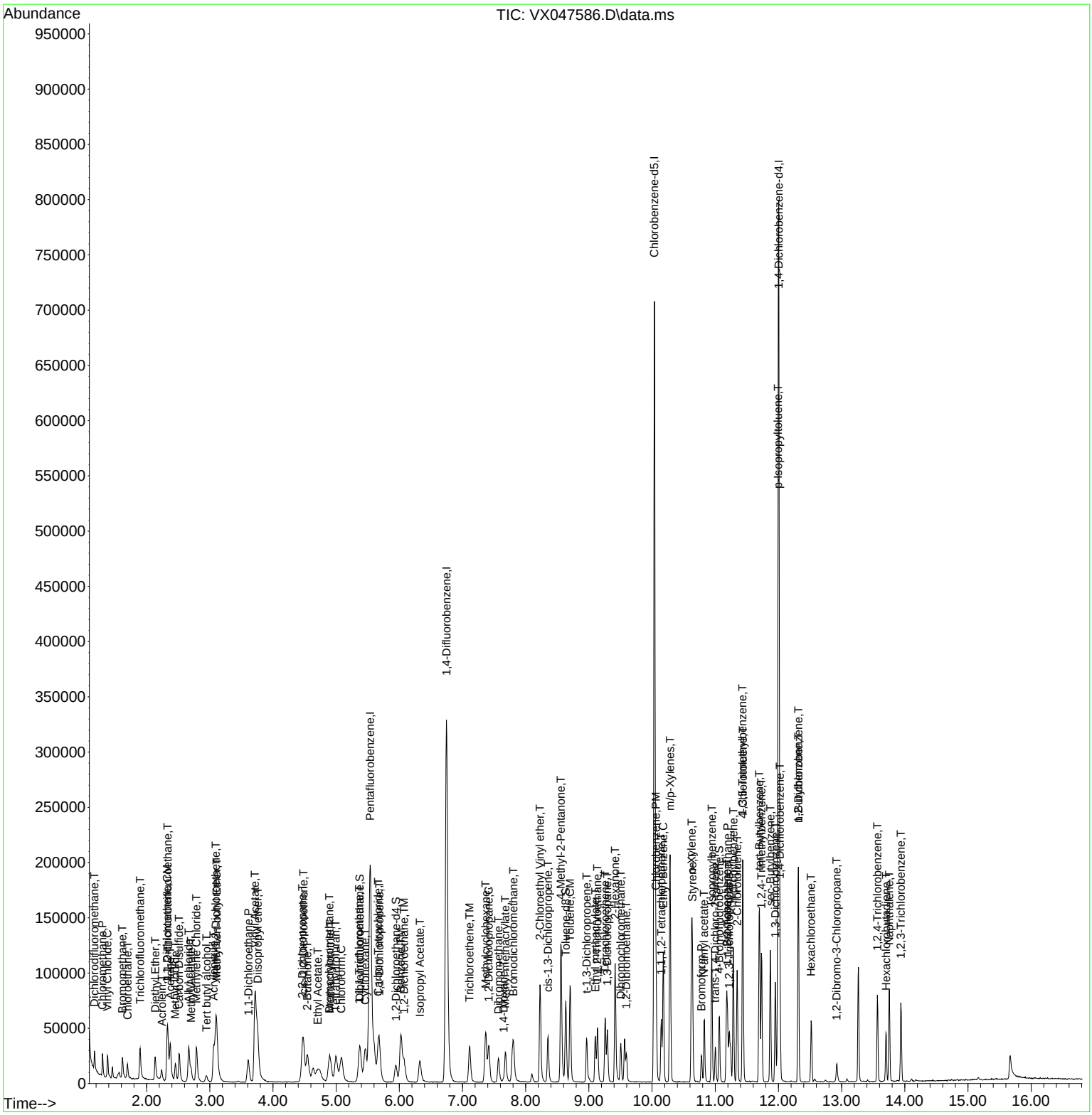
(#) = qualifier out of range (m) = manual integration (+) = signals summed

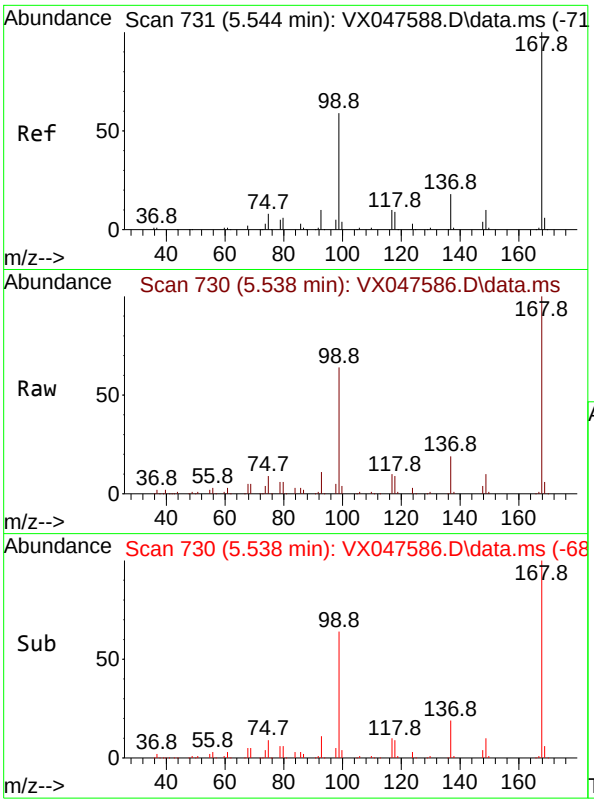
Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:48:02 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



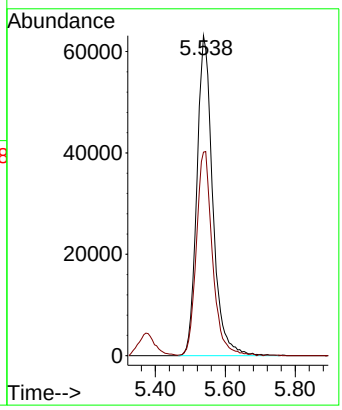


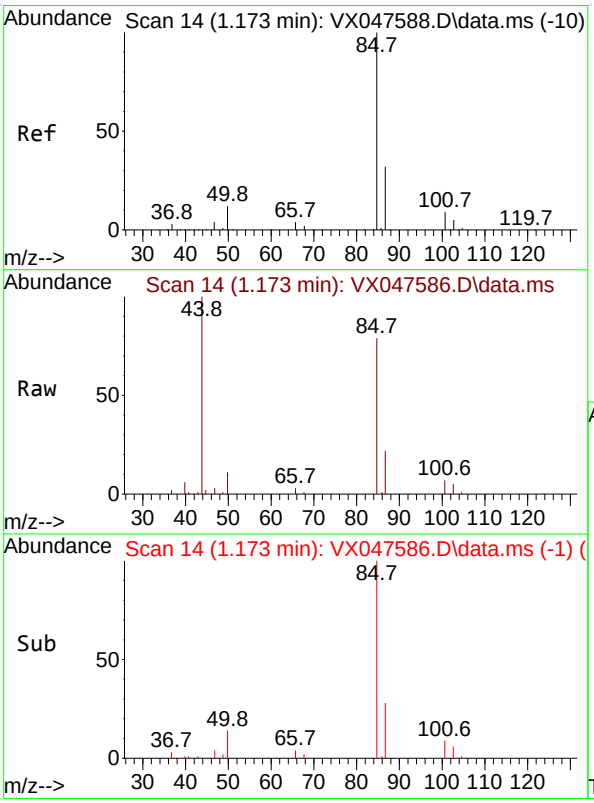
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:168 Resp: 198376

Ion	Ratio	Lower	Upper
168	100		
99	63.5	48.8	73.2

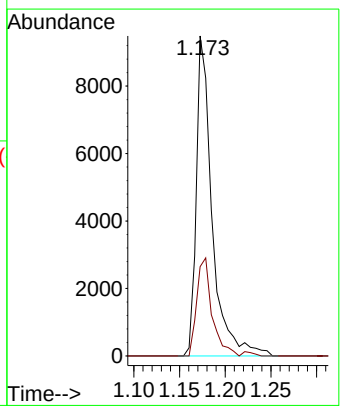


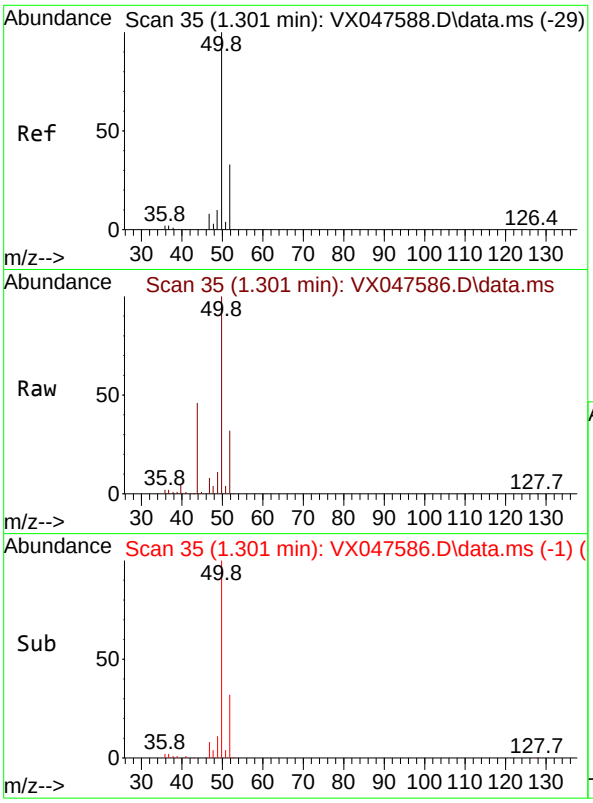


#2
Dichlorodifluoromethane
Concen: 5.551 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 85 Resp: 11403

Ion	Ratio	Lower	Upper
85	100		
87	27.9	15.8	47.3



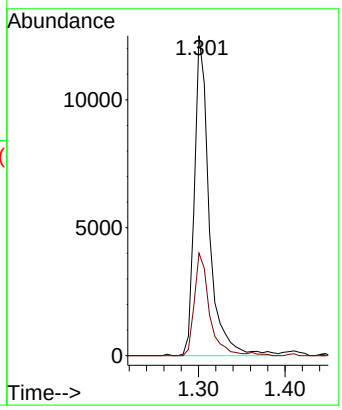


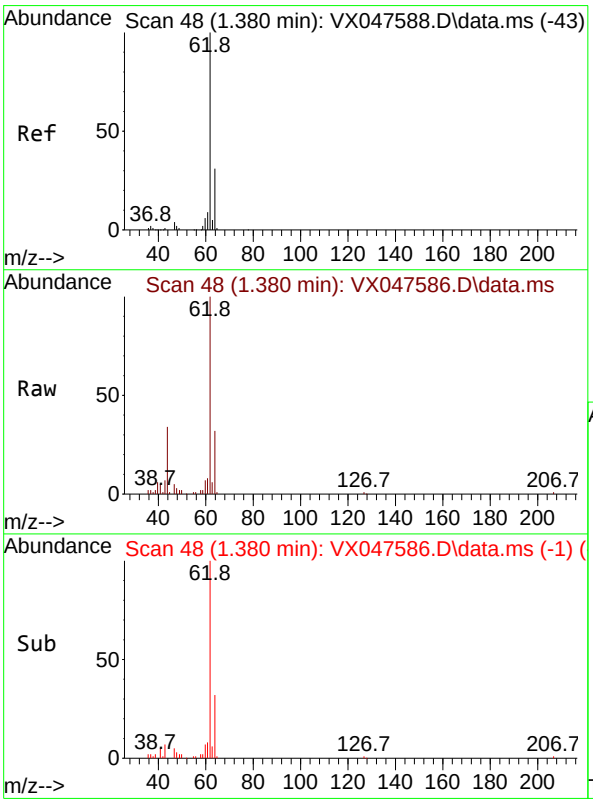
#3
Chloromethane
Concen: 5.502 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 14854

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.1	39.1

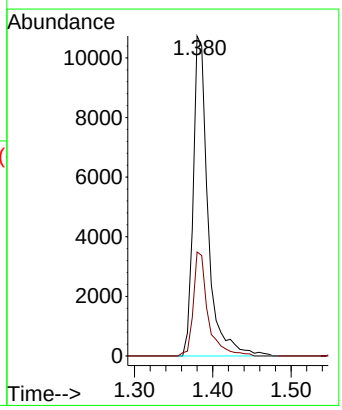


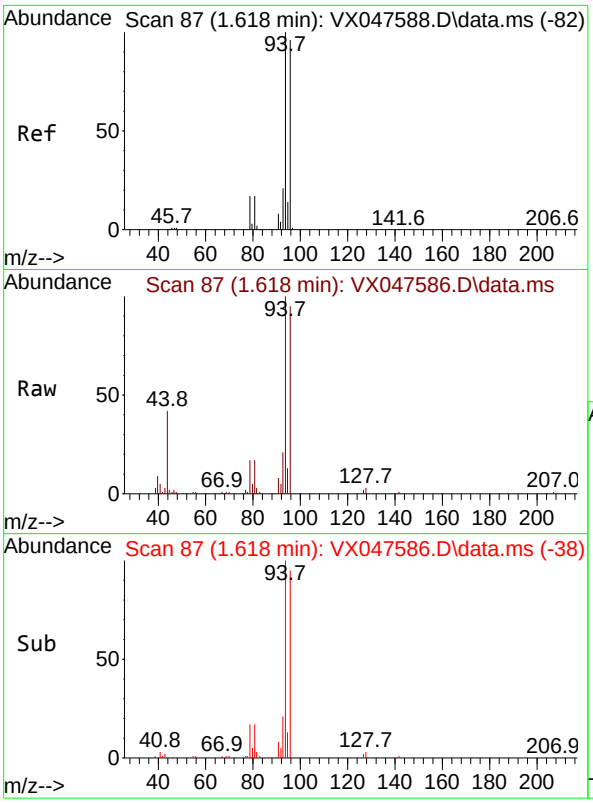


#4
Vinyl Chloride
Concen: 5.353 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 14147

Ion	Ratio	Lower	Upper
62	100		
64	32.5	24.9	37.3



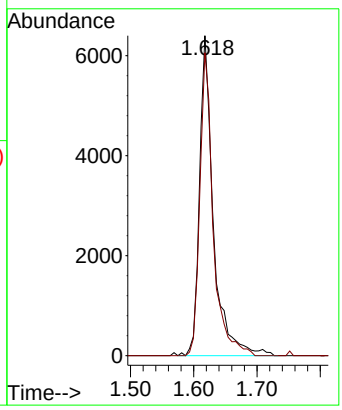


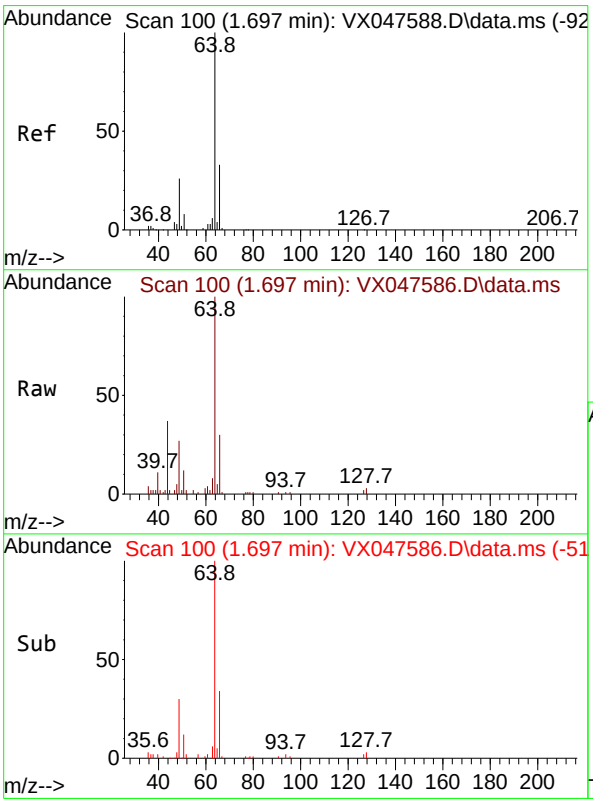
#5
Bromomethane
Concen: 5.836 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 9780

Ion	Ratio	Lower	Upper
94	100		
96	83.6	76.6	115.0

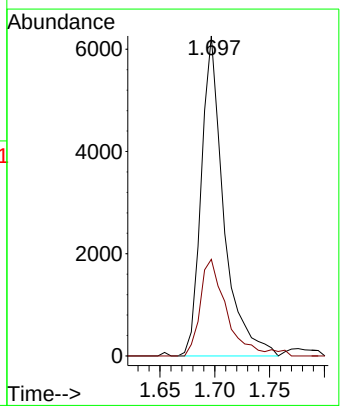


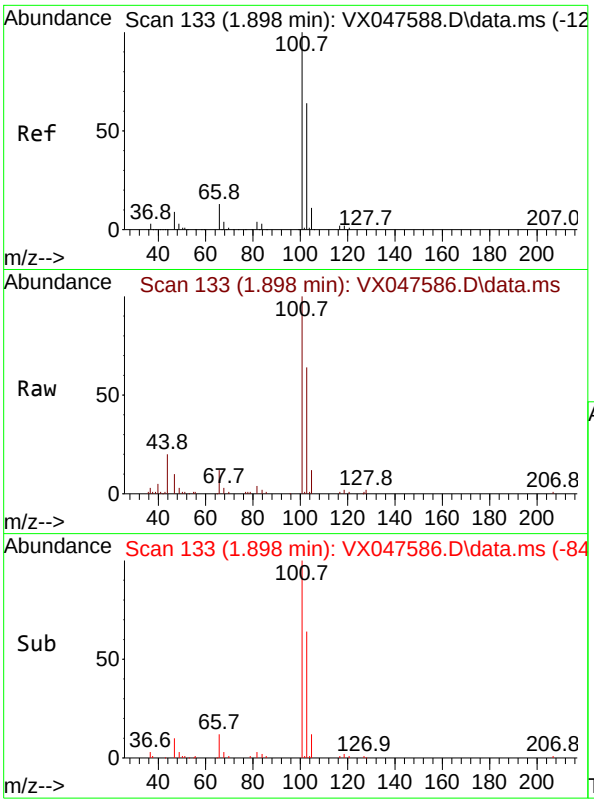


#6
Chloroethane
Concen: 5.053 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 64 Resp: 8926

Ion	Ratio	Lower	Upper
64	100		
66	30.2	26.1	39.1



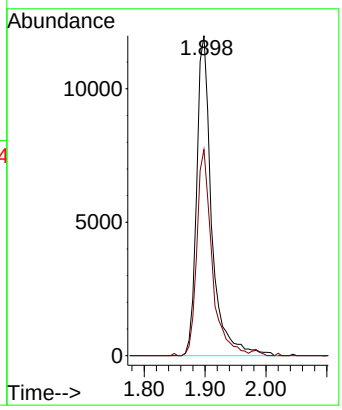


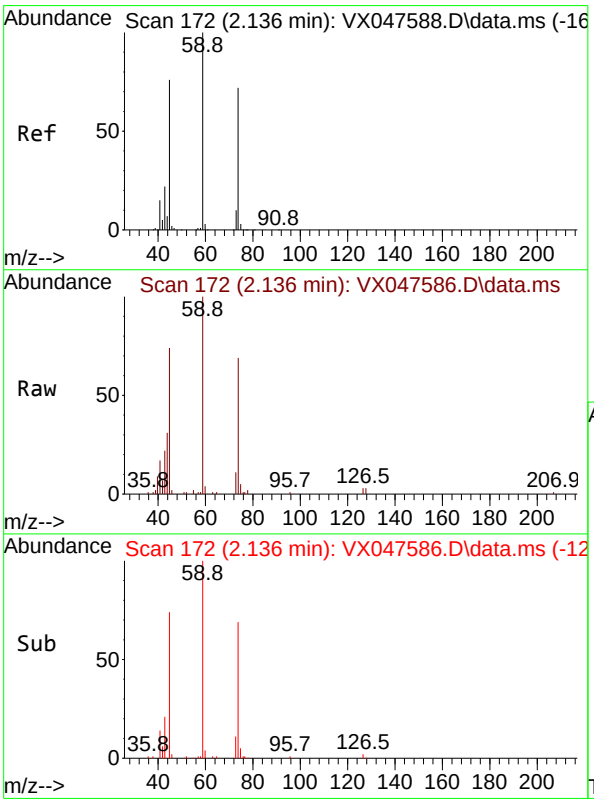
#7
Trichlorofluoromethane
Concen: 5.223 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 20497

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2

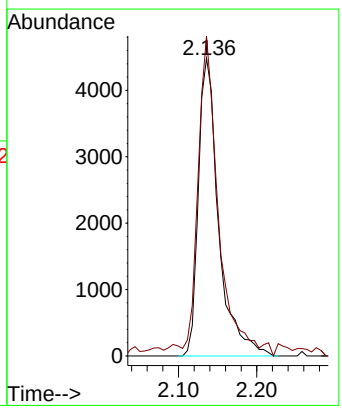


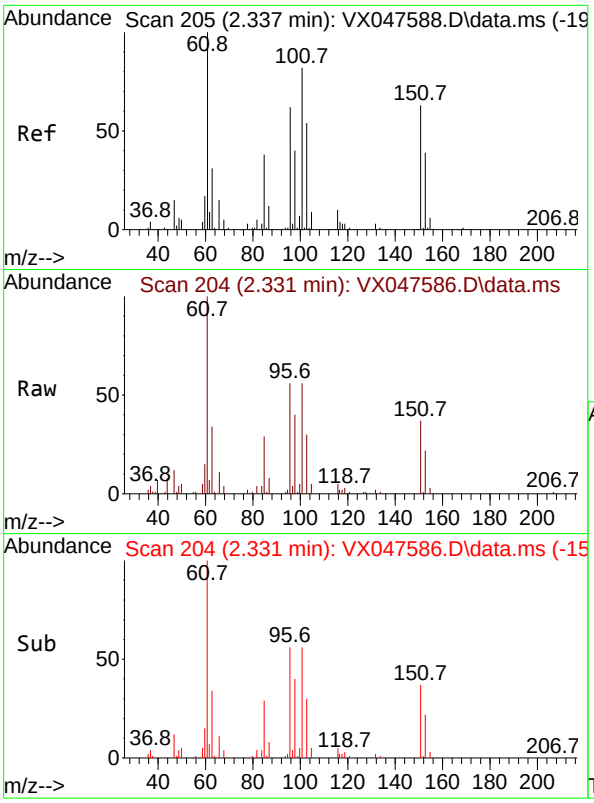


#8
Diethyl Ether
Concen: 5.008 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 74 Resp: 8039

Ion	Ratio	Lower	Upper
74	100		
45	111.7	52.3	156.8



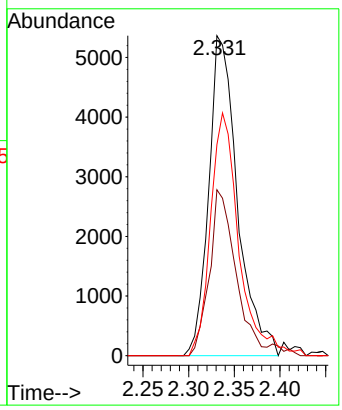


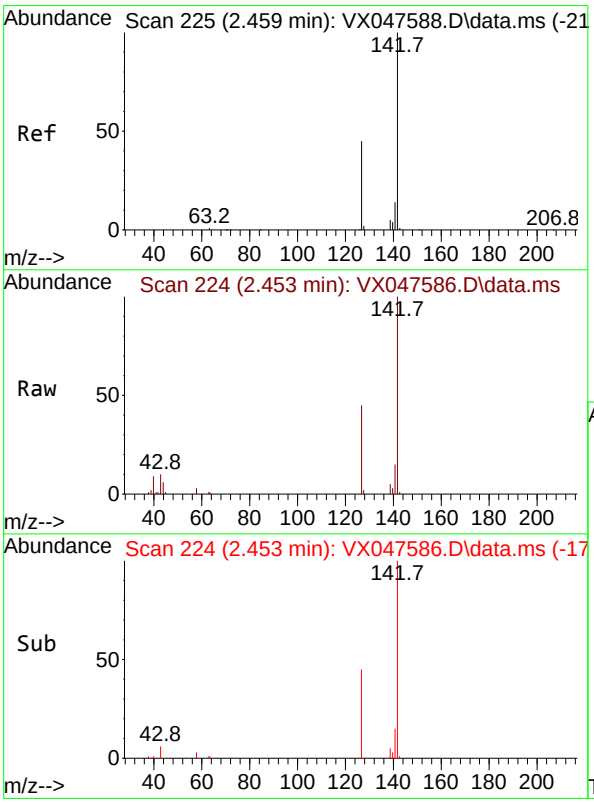
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.112 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 11729

Ion	Ratio	Lower	Upper
101	100		
85	47.5	35.5	53.3
151	75.0	59.4	89.0

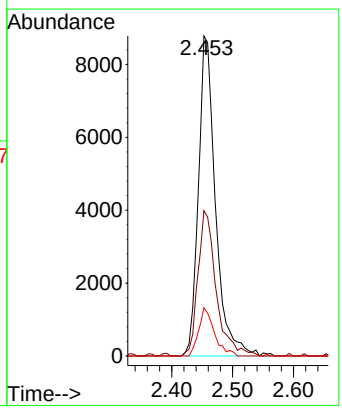


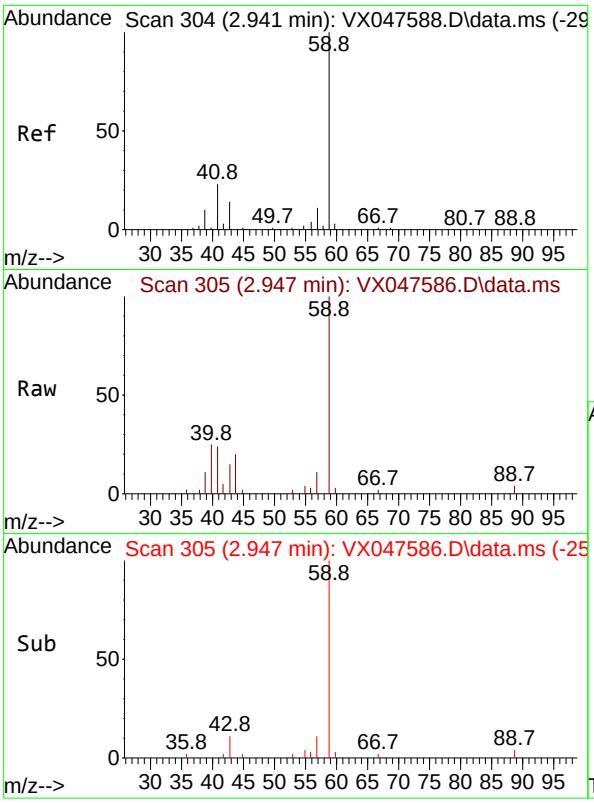


#10
Methyl Iodide
Concen: 4.795 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



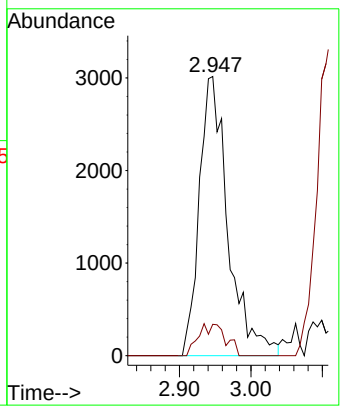


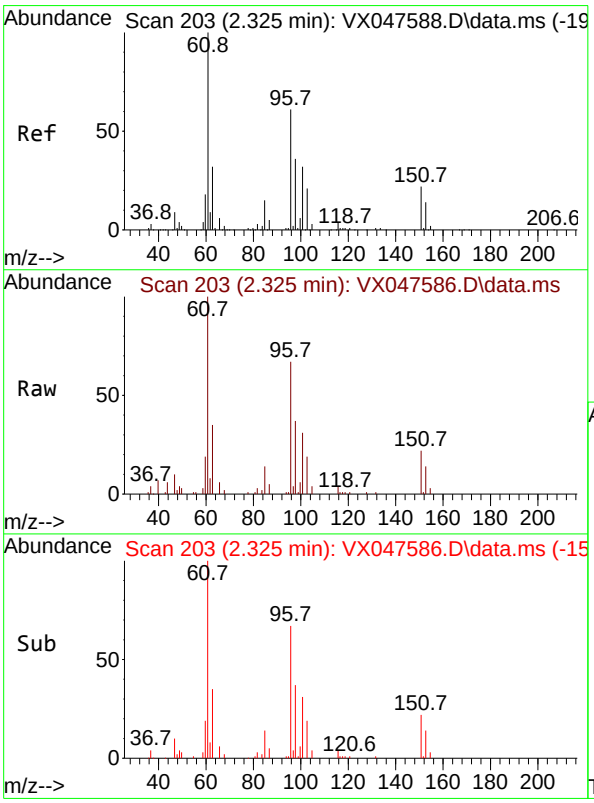
#11
Tert butyl alcohol
Concen: 23.883 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 8399

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

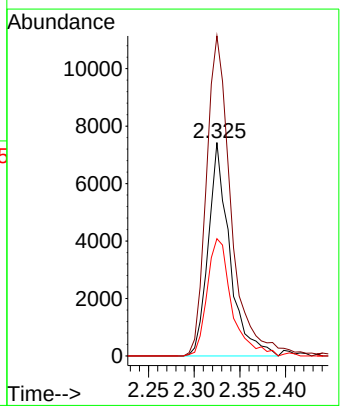


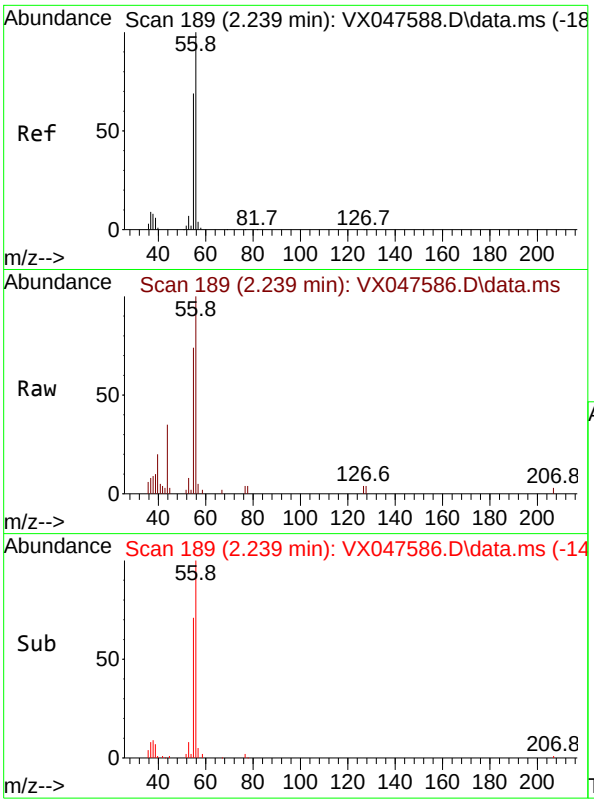


#12
1,1-Dichloroethene
Concen: 5.147 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



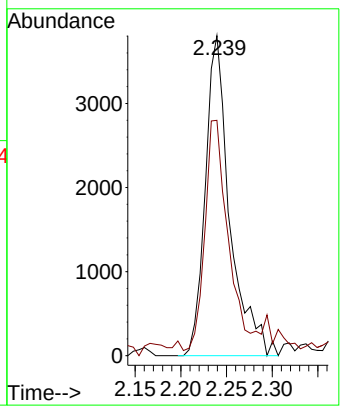


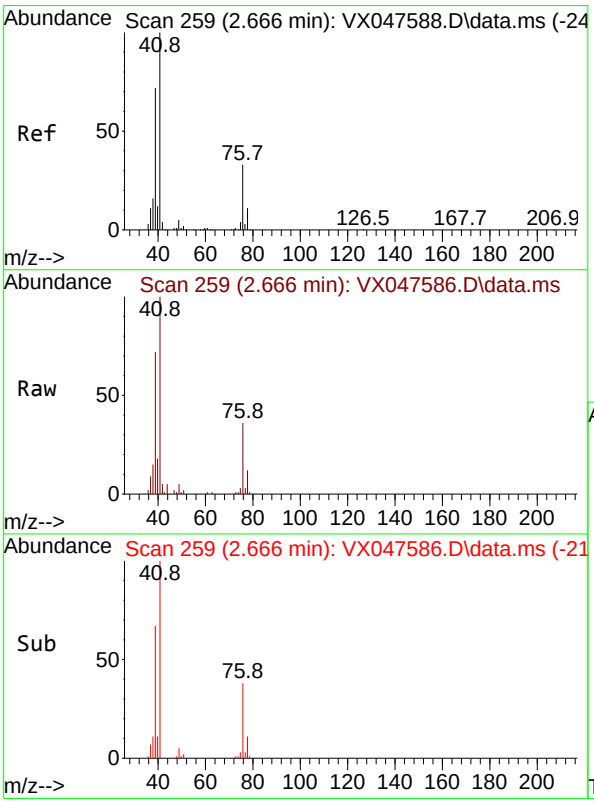
#13
Acrolein
Concen: 21.847 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 7080

Ion	Ratio	Lower	Upper
56	100		
55	67.1	57.2	85.8

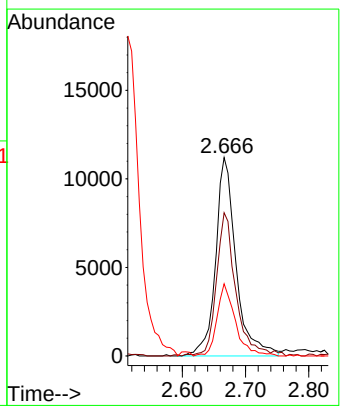


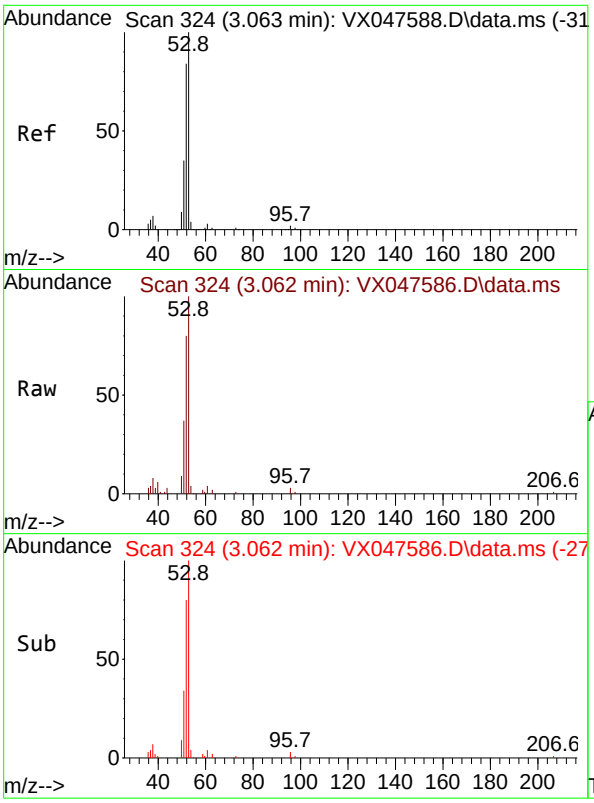


#14
Allyl chloride
Concen: 5.168 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



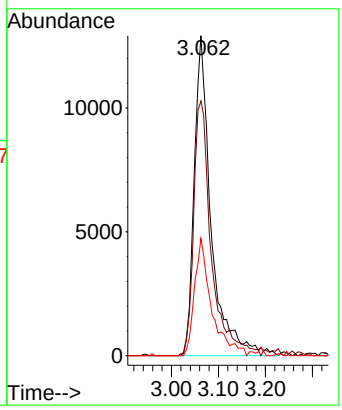


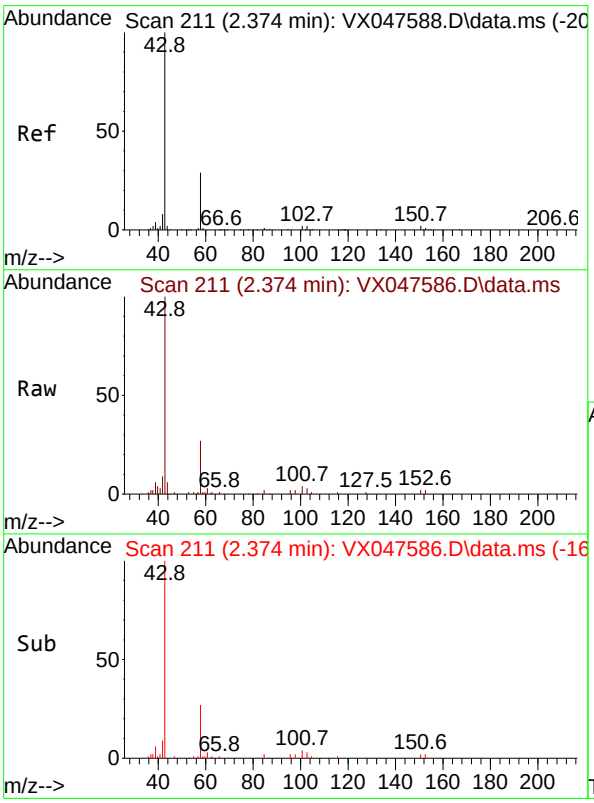
#15
Acrylonitrile
Concen: 25.016 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 32587

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.4	99.6
51	36.5	29.5	44.3

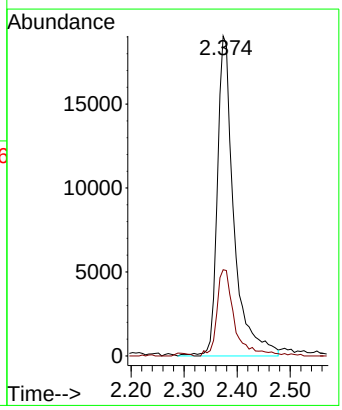


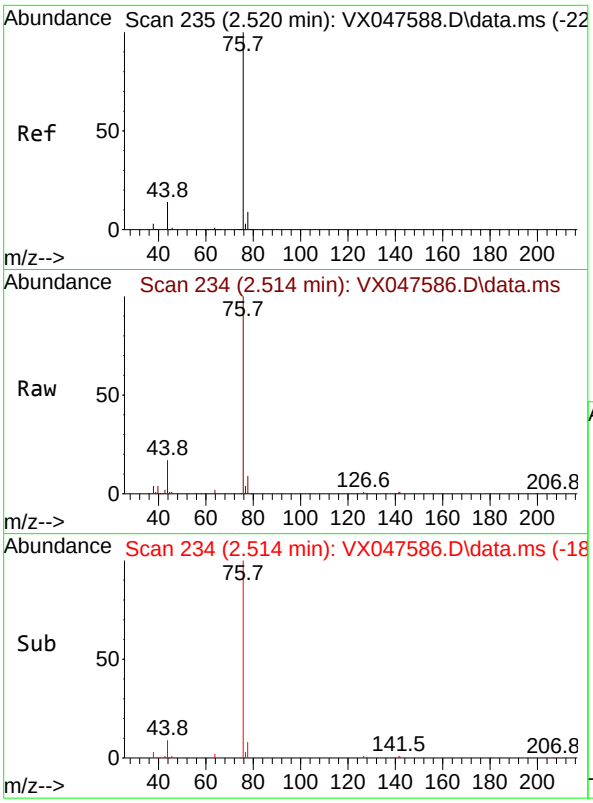


#16
Acetone
Concen: 30.079 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 41297

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.4	35.0



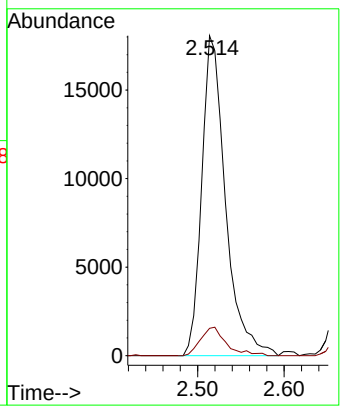


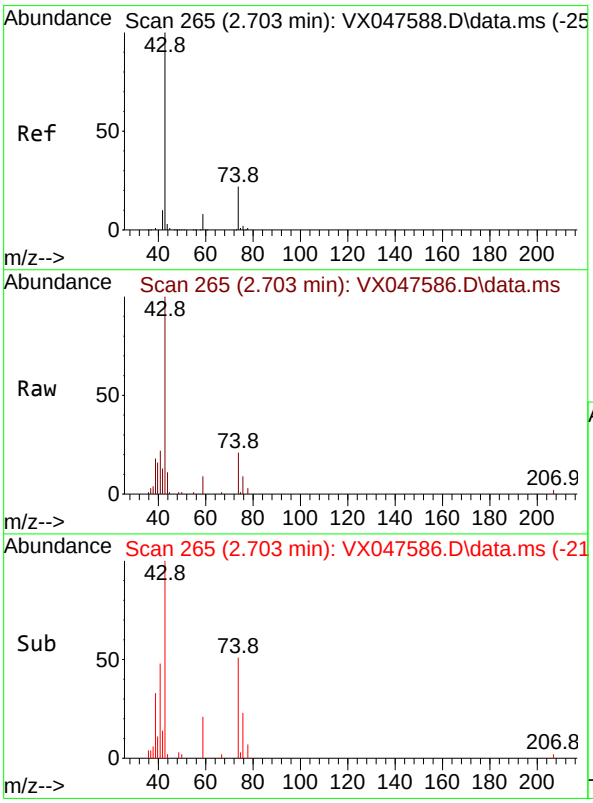
#17
Carbon Disulfide
Concen: 5.335 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 34426

Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.8	10.2

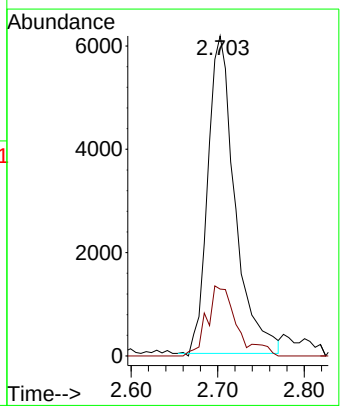


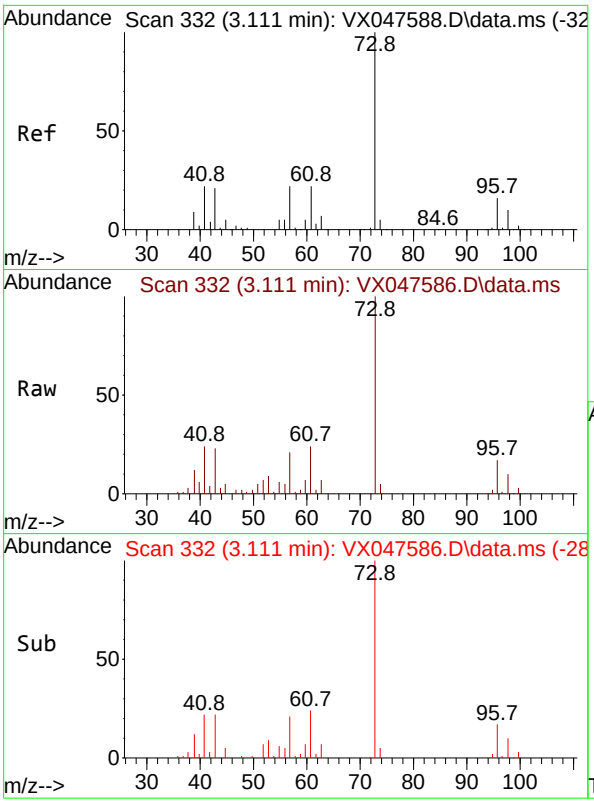


#18
Methyl Acetate
Concen: 4.371 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 43 Resp: 13357

Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.4	26.2



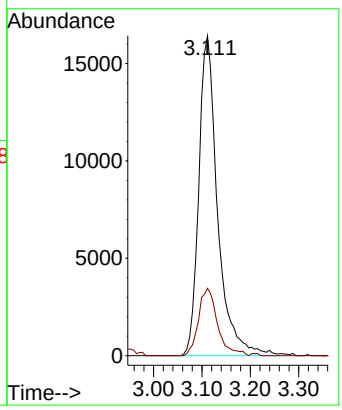


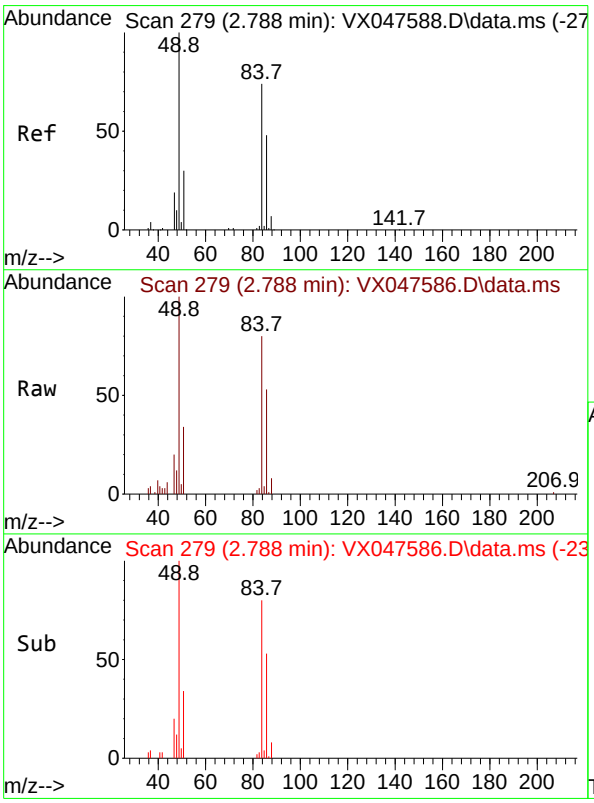
#19
Methyl tert-butyl Ether
Concen: 5.160 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 44396

Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.4	26.2

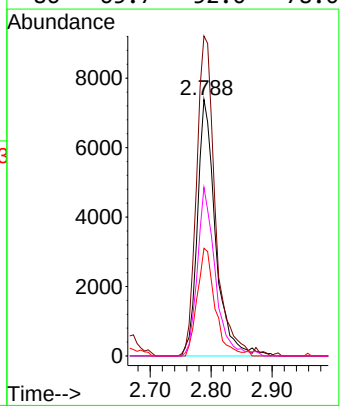


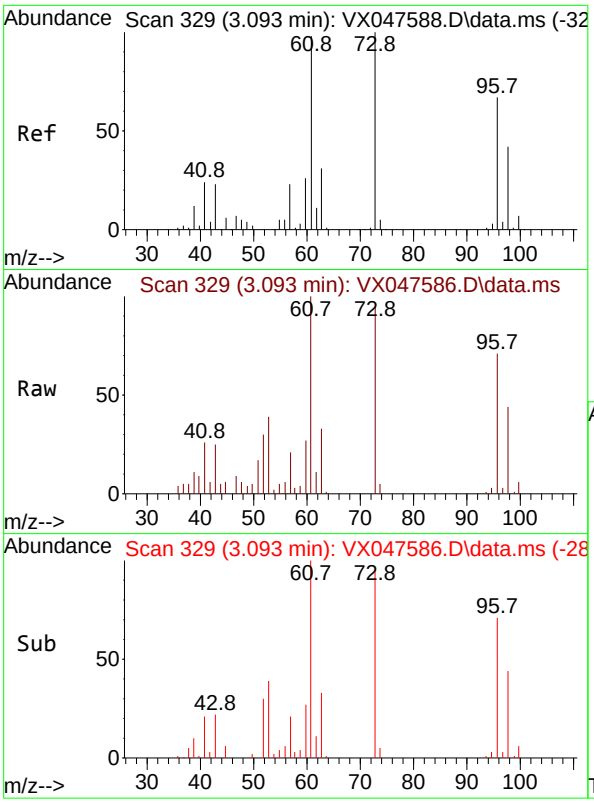


#20
Methylene Chloride
Concen: 5.267 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



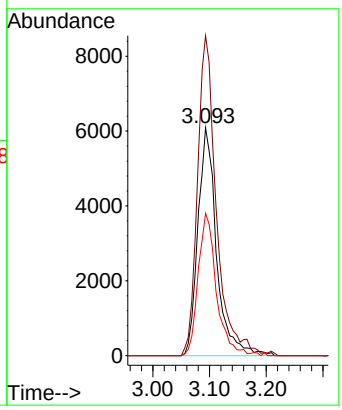


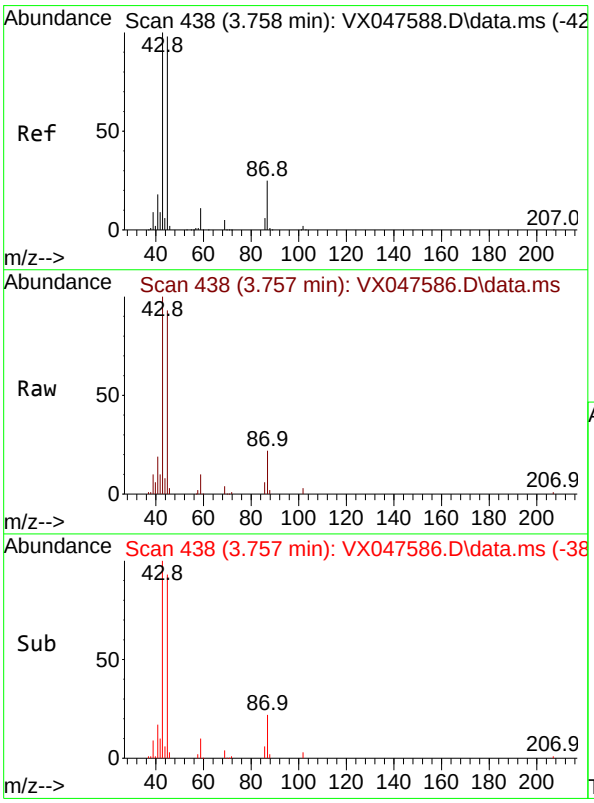
#21
trans-1,2-Dichloroethene
Concen: 5.492 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 13937

Ion	Ratio	Lower	Upper
96	100		
61	140.4	116.2	174.2
98	62.4	49.3	73.9

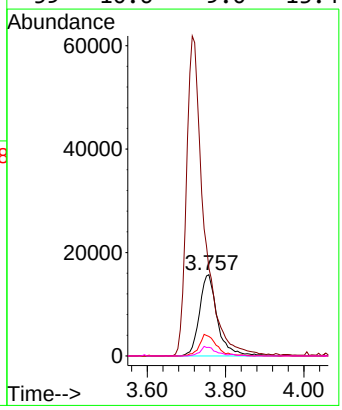


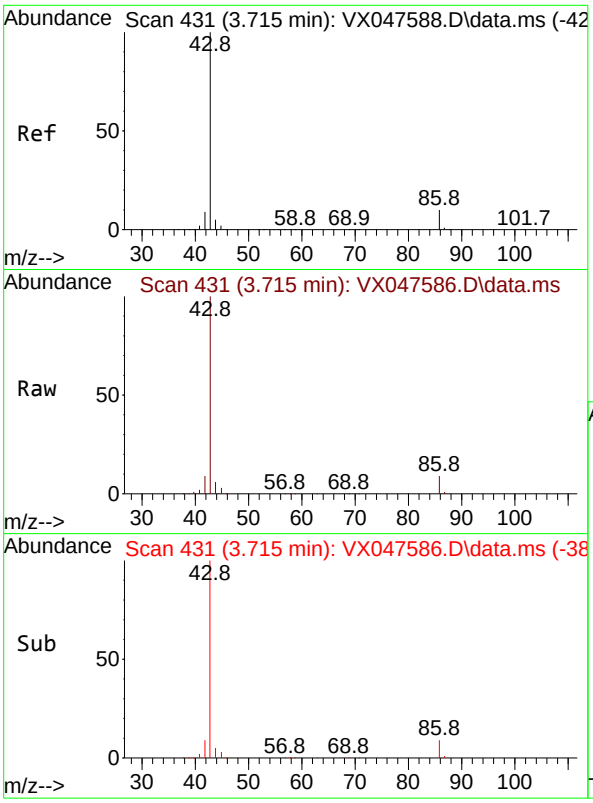


#22
Diisopropyl ether
Concen: 5.327 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



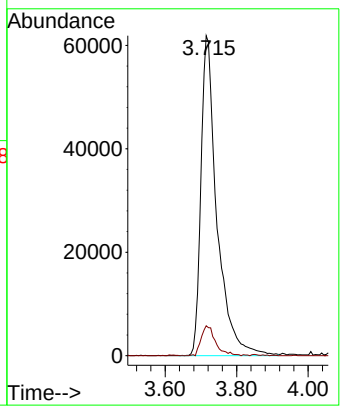


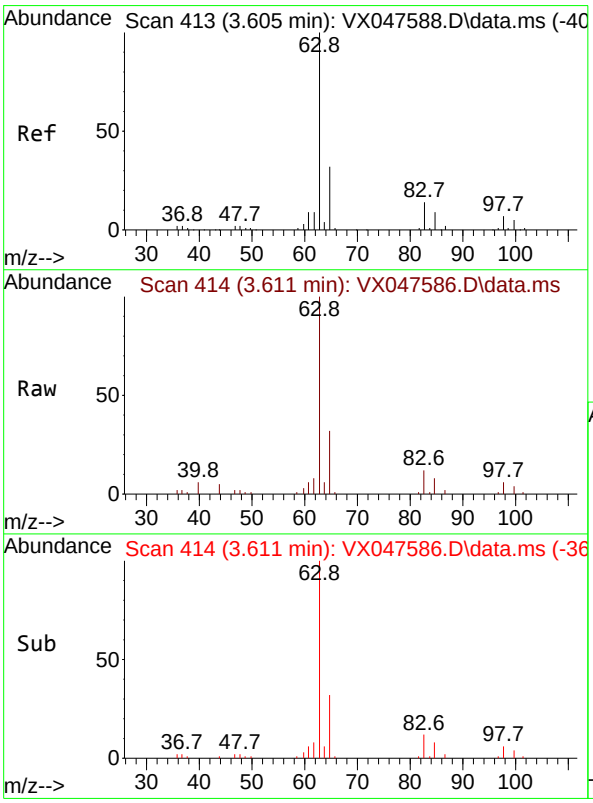
#23
Vinyl Acetate
Concen: 25.474 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 192175

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.8	11.8

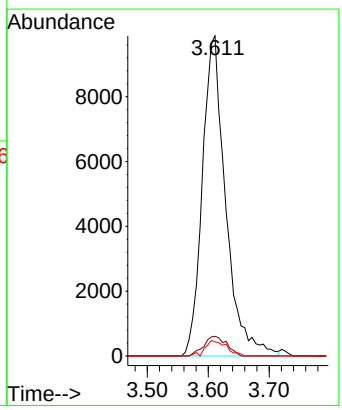


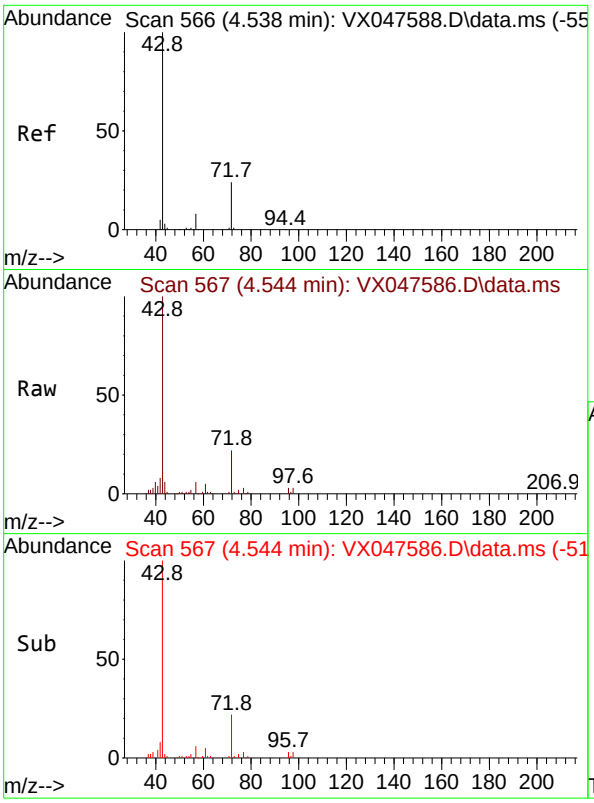


#24
1,1-Dichloroethane
Concen: 5.248 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



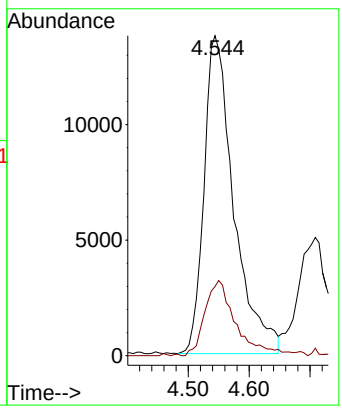


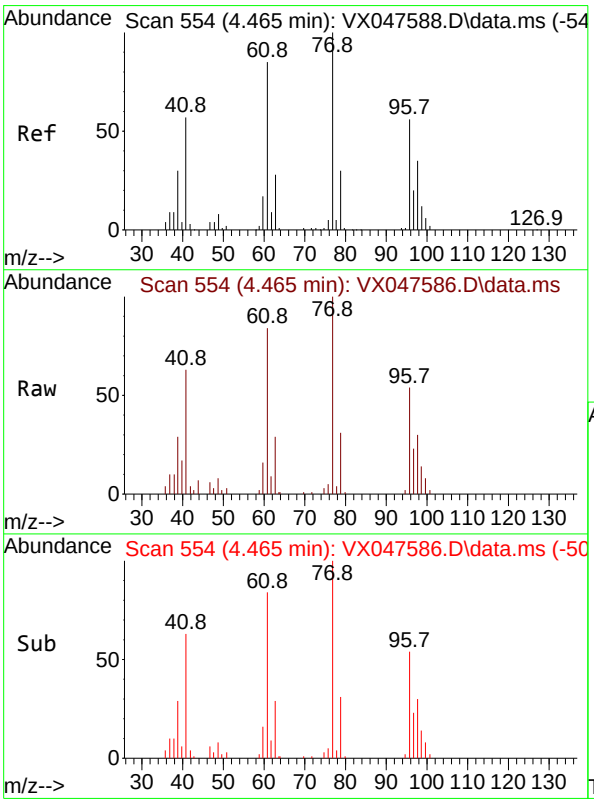
#25
2-Butanone
Concen: 27.240 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 46651

Ion	Ratio	Lower	Upper
43	100		
72	21.3	20.1	30.1

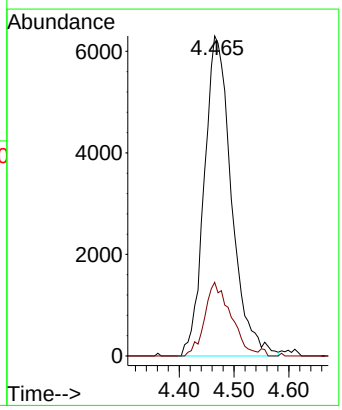


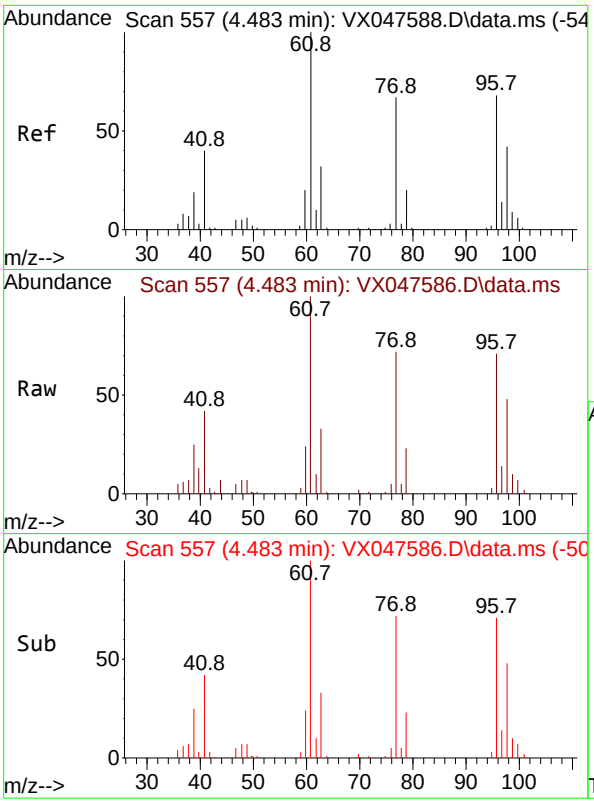


#26
2,2-Dichloropropane
Concen: 5.220 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 77 Resp: 21738

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7



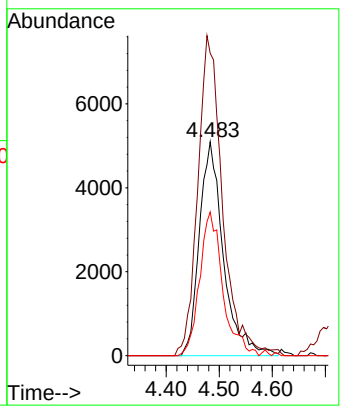


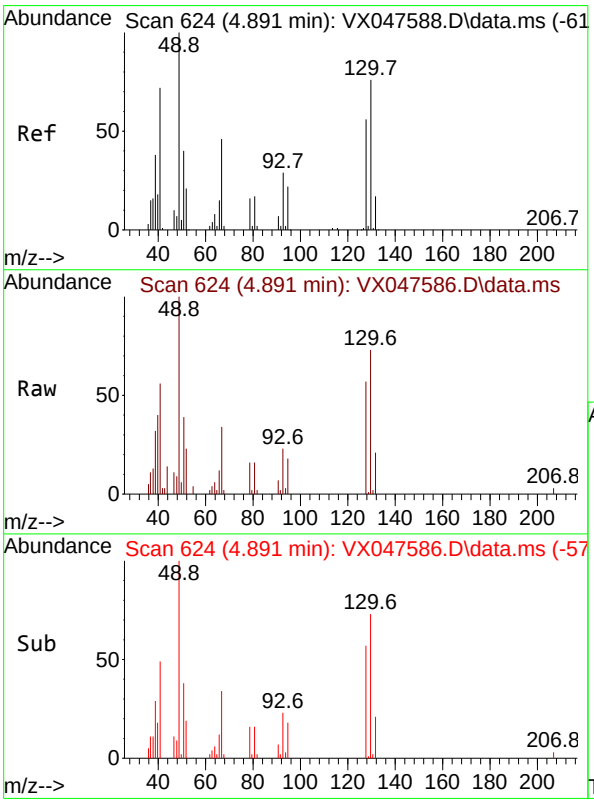
#27
cis-1,2-Dichloroethene
Concen: 5.147 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 15996

Ion	Ratio	Lower	Upper
96	100		
61	154.4	0.0	303.2
98	64.8	0.0	127.8

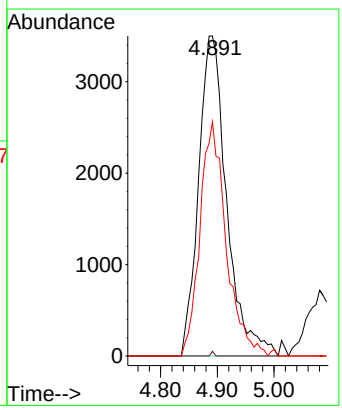


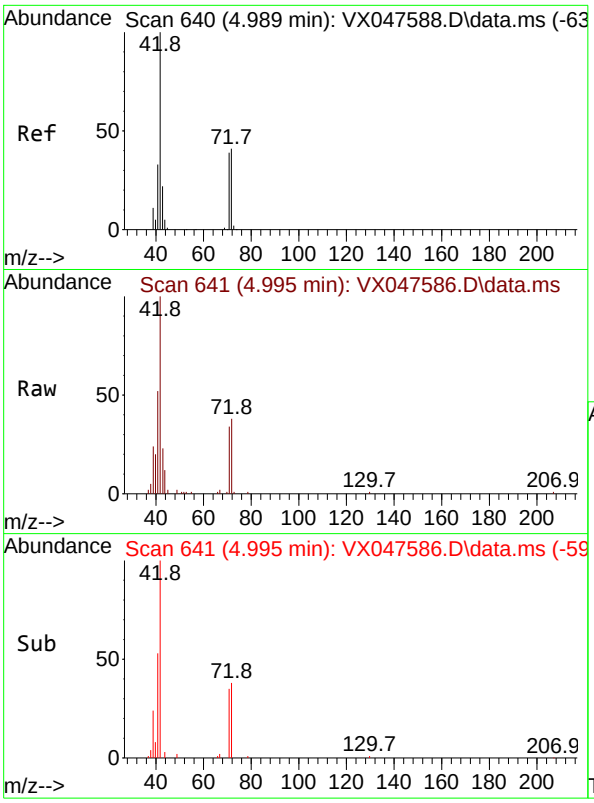


#28
Bromochloromethane
Concen: 5.508 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



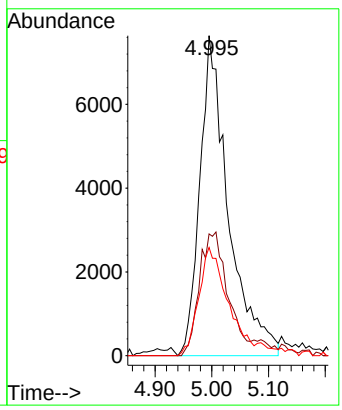


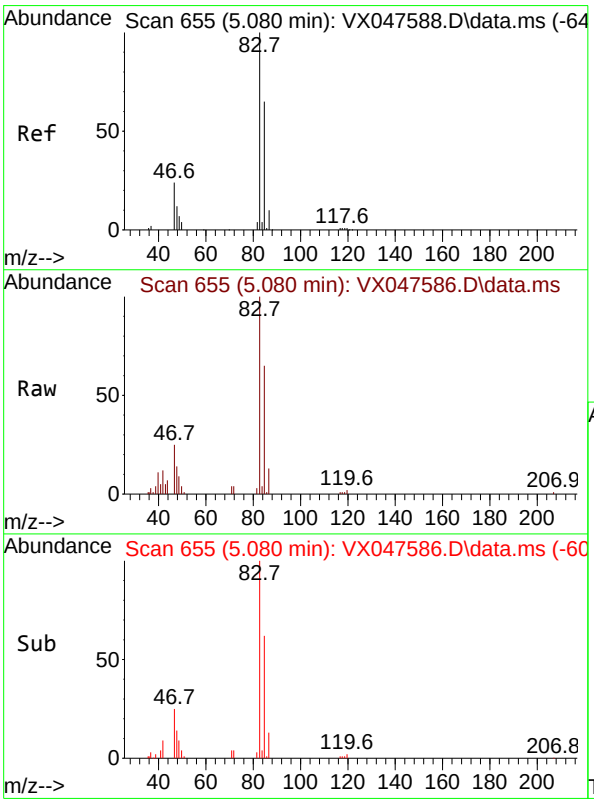
#29
Tetrahydrofuran
Concen: 25.944 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 42 Resp: 26729

Ion	Ratio	Lower	Upper
42	100		
72	38.7	34.2	51.2
71	34.1	31.9	47.9

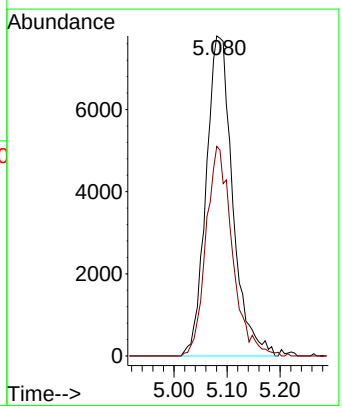


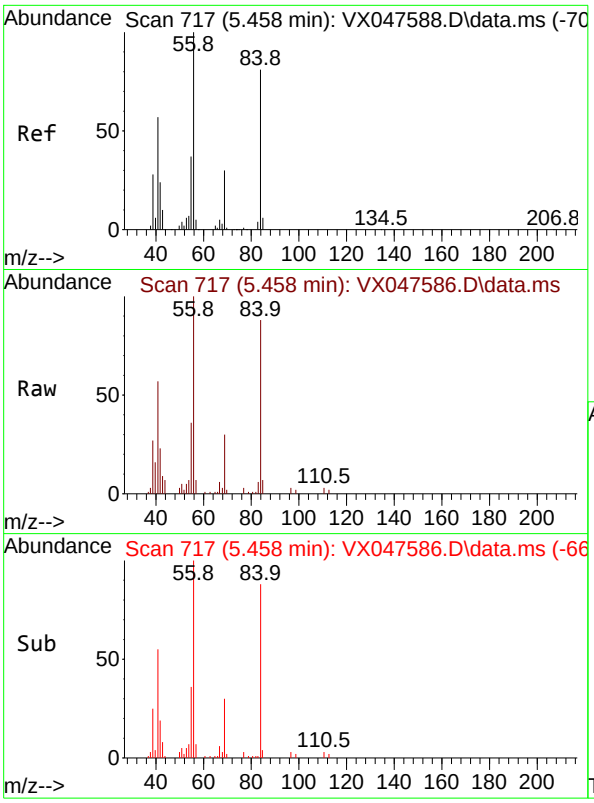


#30
Chloroform
Concen: 5.344 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 83 Resp: 27054

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.6



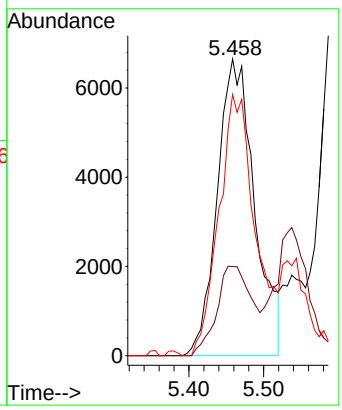


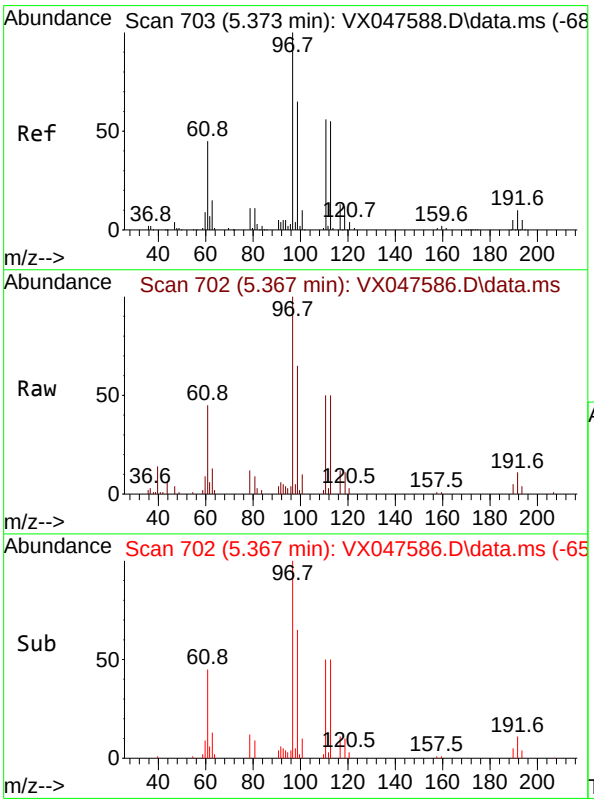
#31
Cyclohexane
Concen: 5.520 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 23032

Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.8	35.8
84	87.1	64.6	97.0

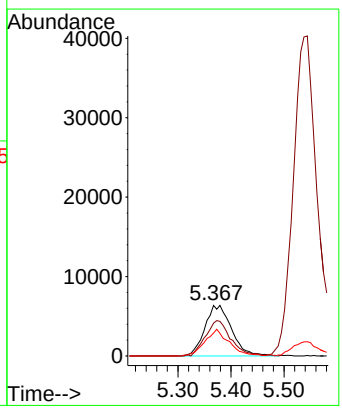


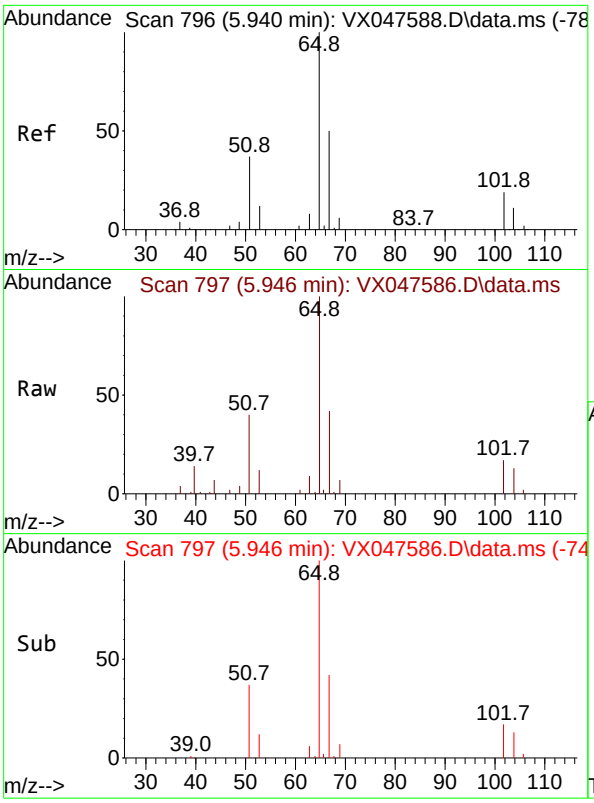


#32
1,1,1-Trichloroethane
Concen: 5.188 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



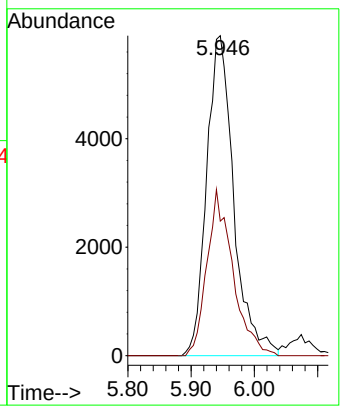


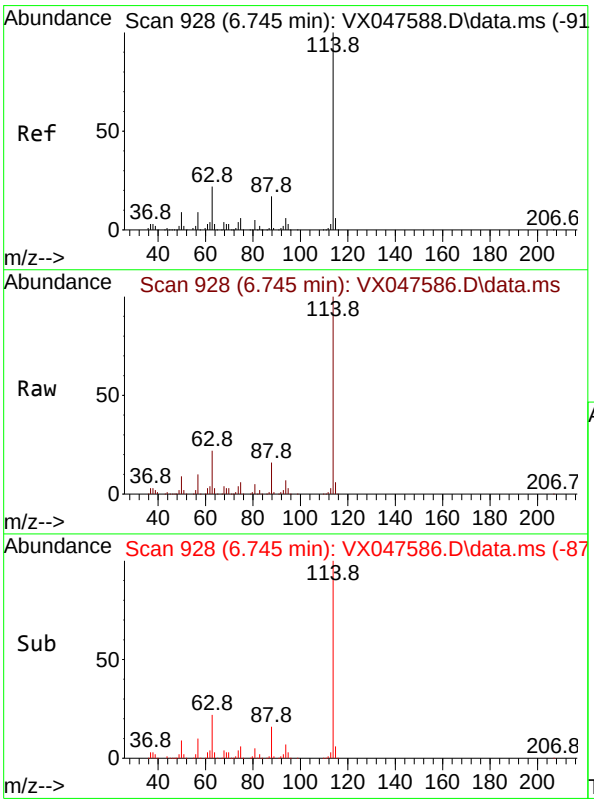
#33
1,2-Dichloroethane-d4
Concen: 5.554 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 17538

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	103.0

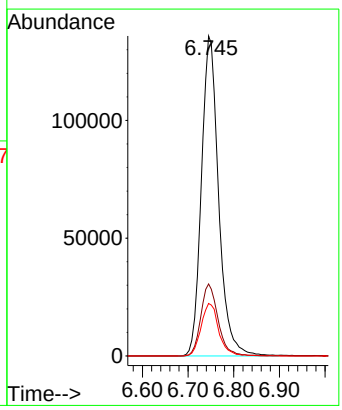


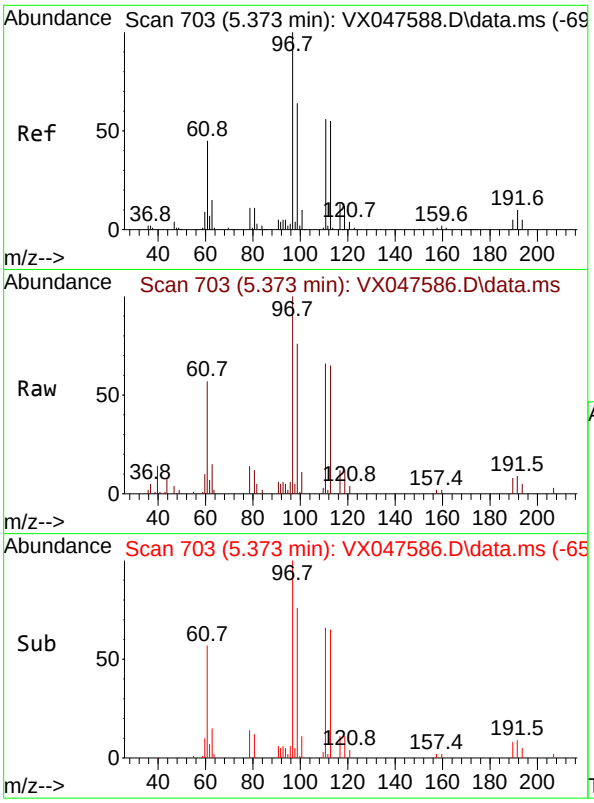


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



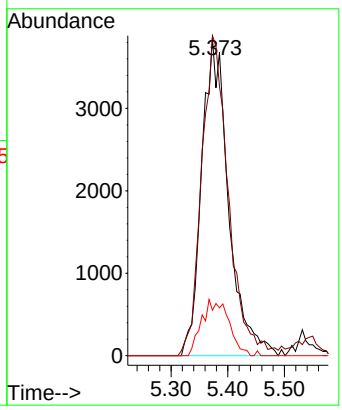


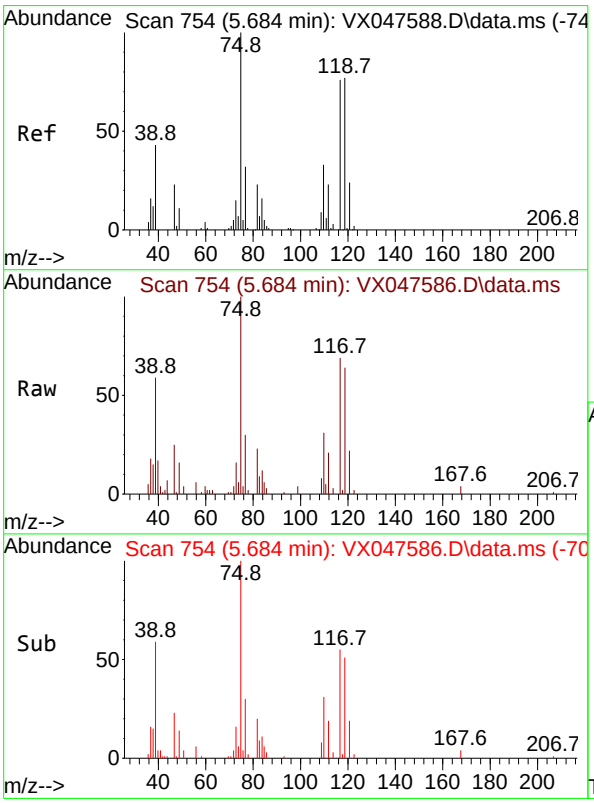
#35
Dibromofluoromethane
Concen: 5.312 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:113 Resp: 12647

Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.9	121.3
192	17.8	14.2	21.4

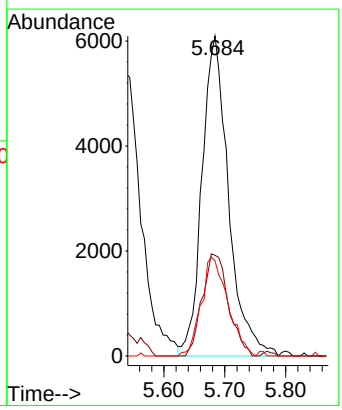


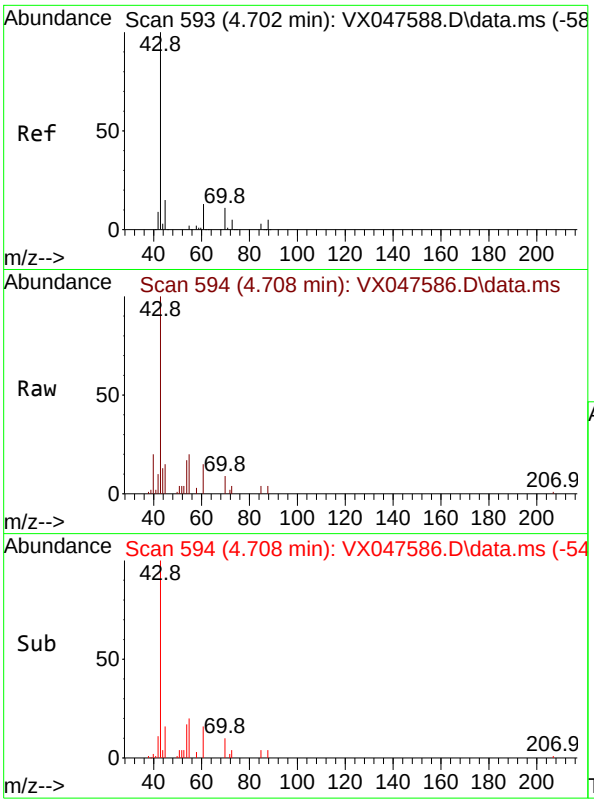


#36
1,1-Dichloropropene
Concen: 5.304 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



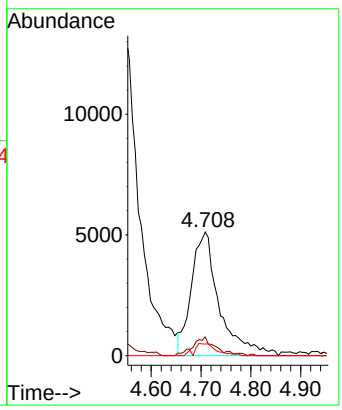


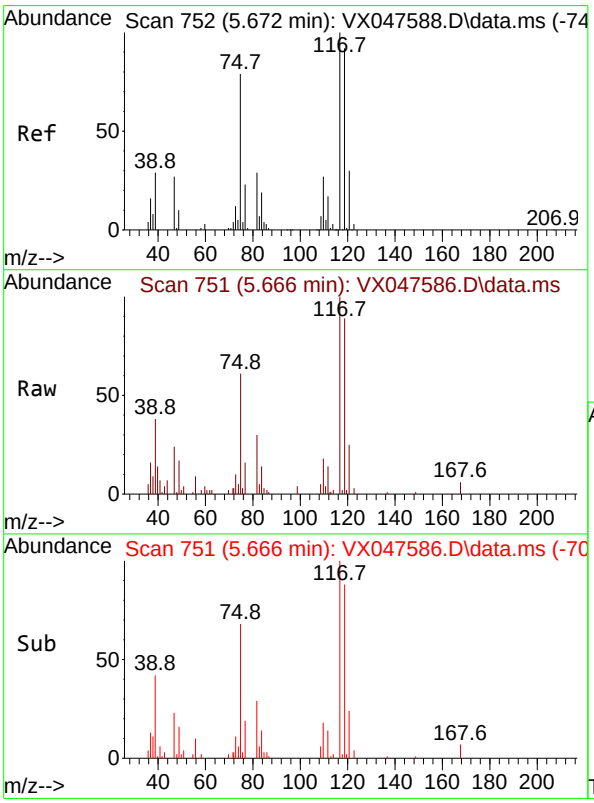
#37
Ethyl Acetate
Concen: 5.345 ug/l
RT: 4.708 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 19913

Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.8	14.8
70	7.6	7.9	11.9#

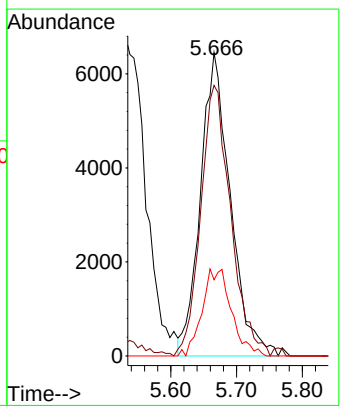


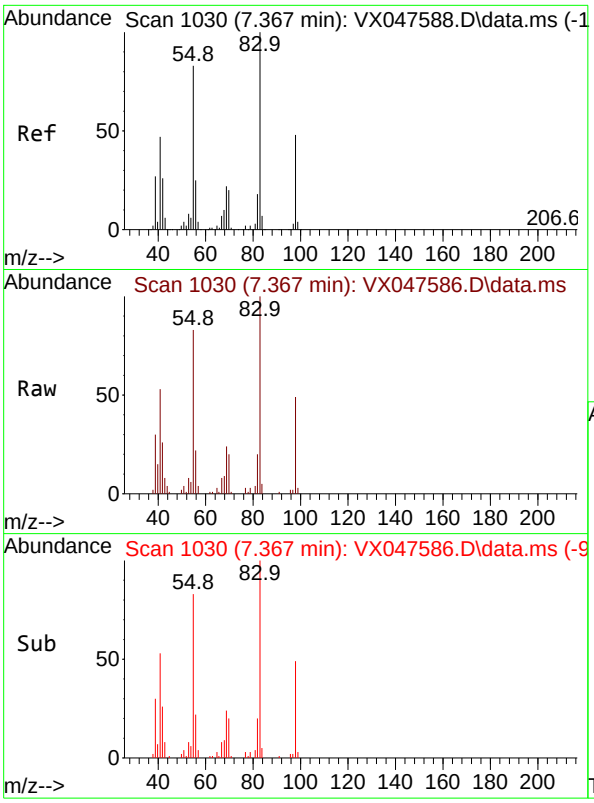


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



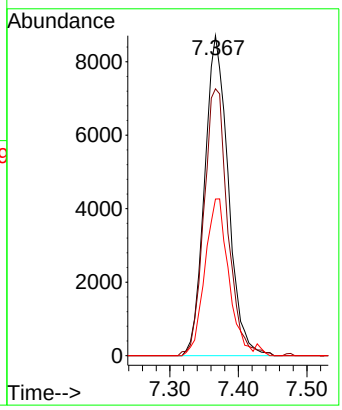


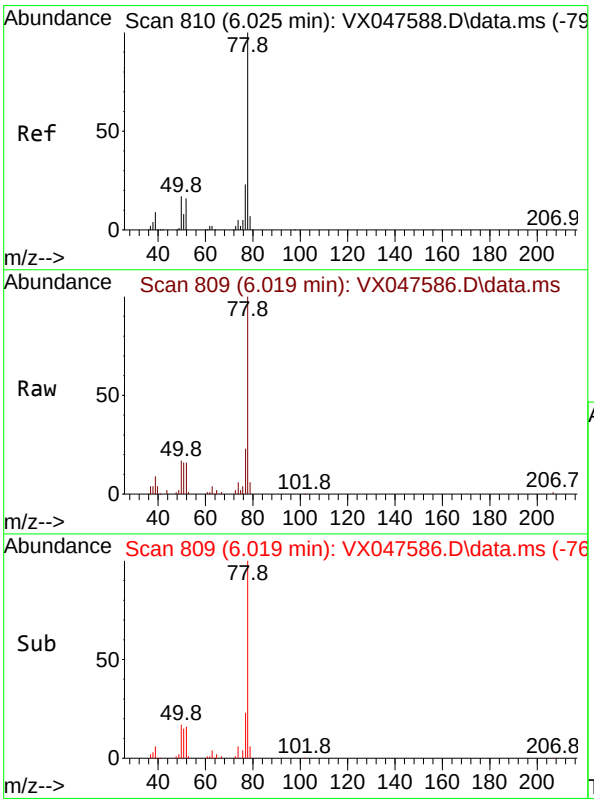
#39
Methylcyclohexane
Concen: 5.292 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 20900

Ion	Ratio	Lower	Upper
83	100		
55	79.1	66.4	99.6
98	46.4	38.1	57.1

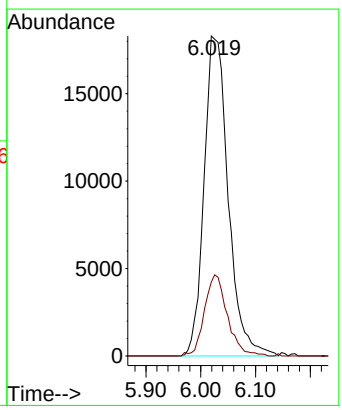


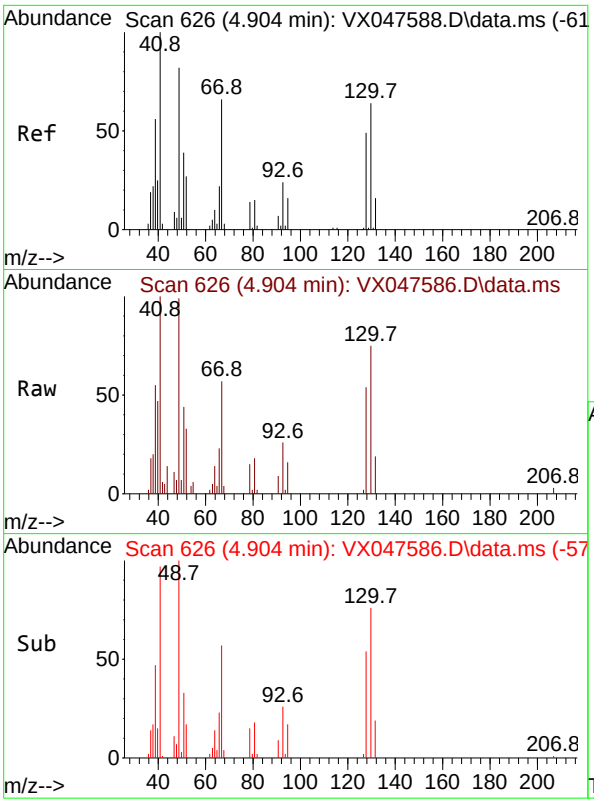


#40
Benzene
Concen: 5.299 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 78 Resp: 55996

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2



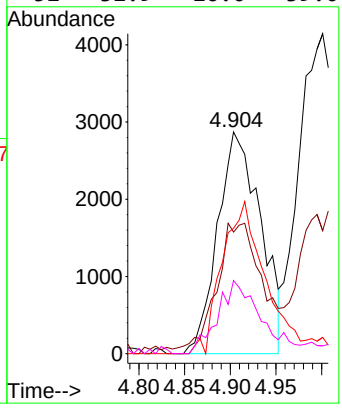


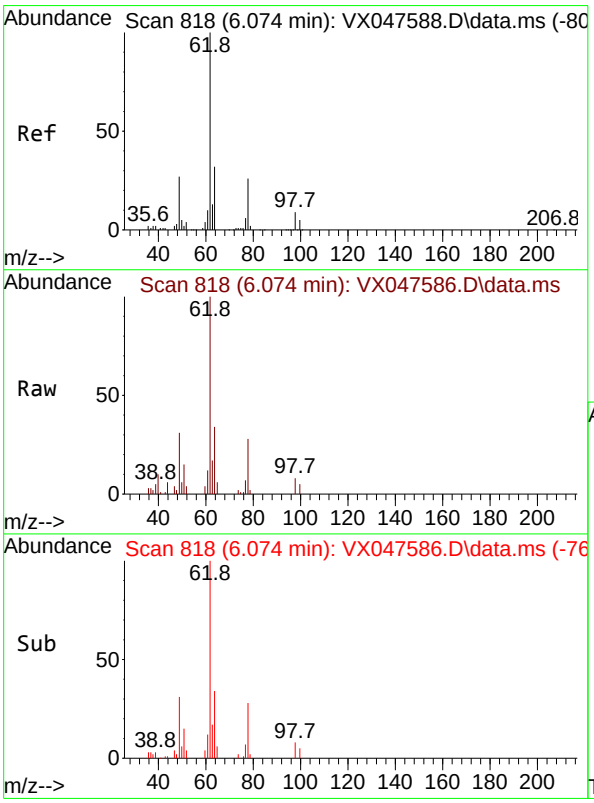
#41
Methacrylonitrile
Concen: 4.883 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 9390

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

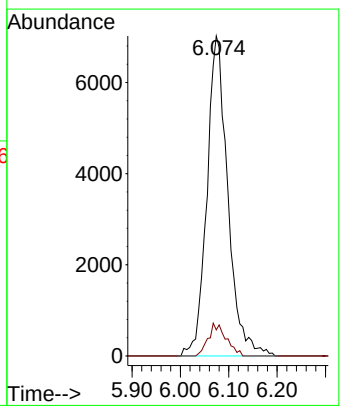


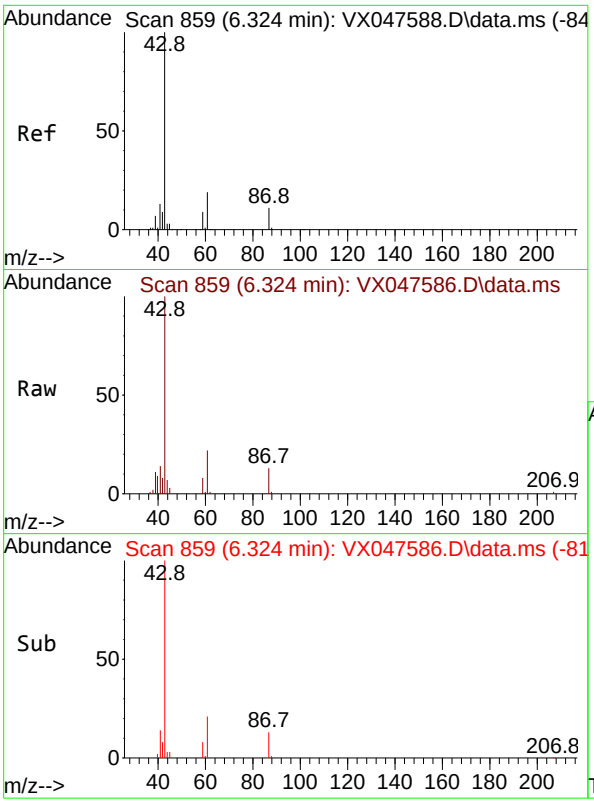


#42
1,2-Dichloroethane
Concen: 5.252 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 62 Resp: 21117

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



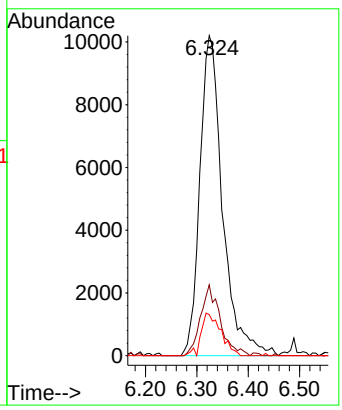


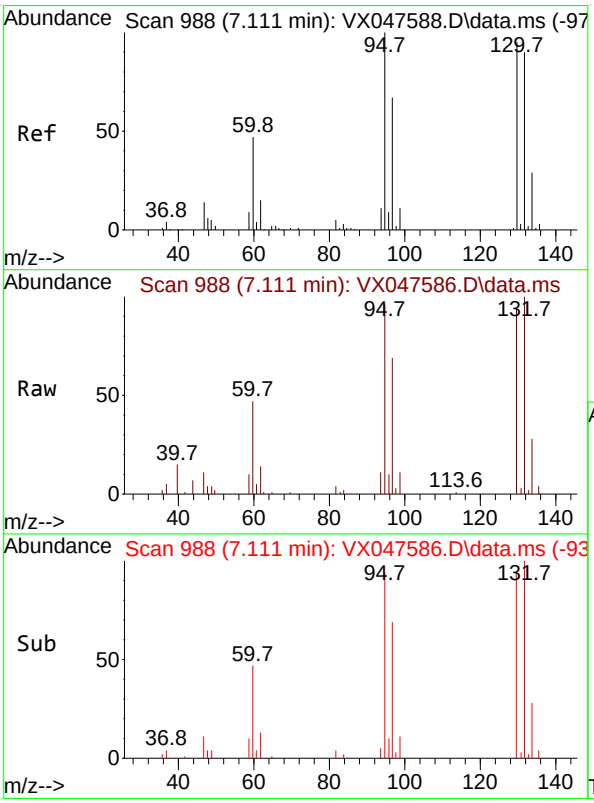
#43
Isopropyl Acetate
Concen: 5.124 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 31304

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	11.6	9.6	14.4

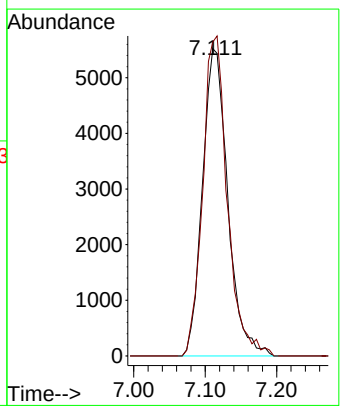


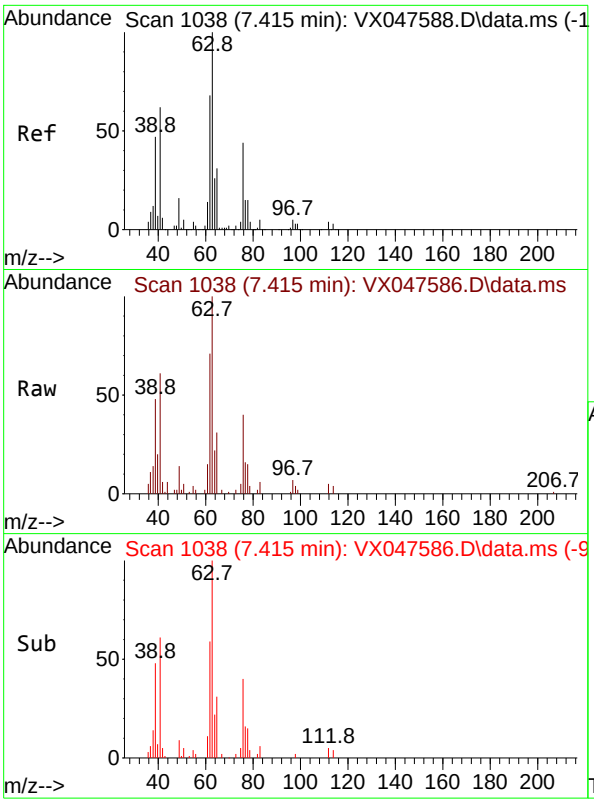


#44
Trichloroethene
Concen: 5.314 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:130 Resp: 13576

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	210.8



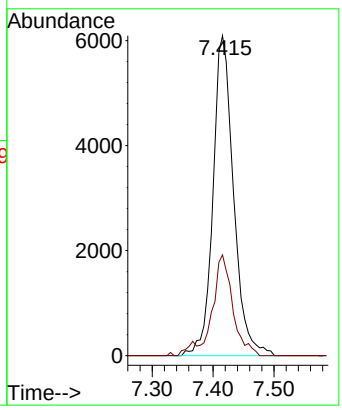


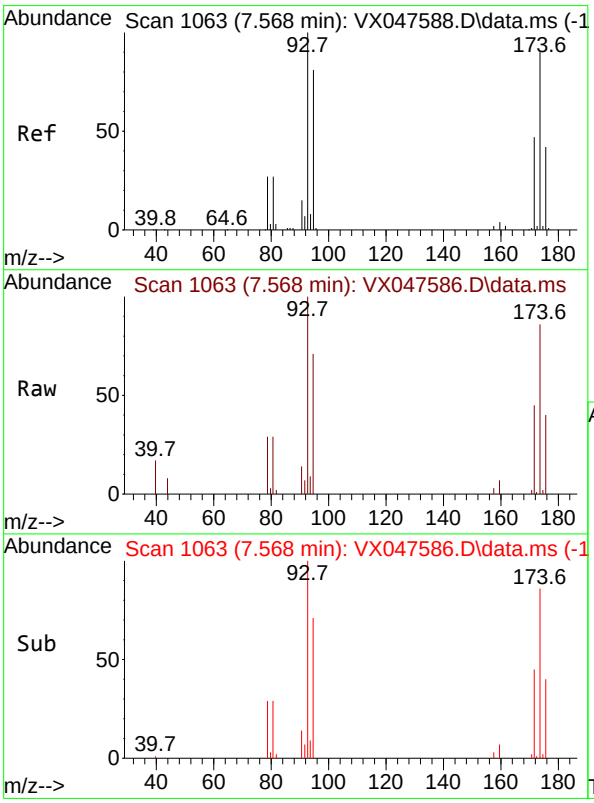
#45
1,2-Dichloropropane
Concen: 5.287 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 14305

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1

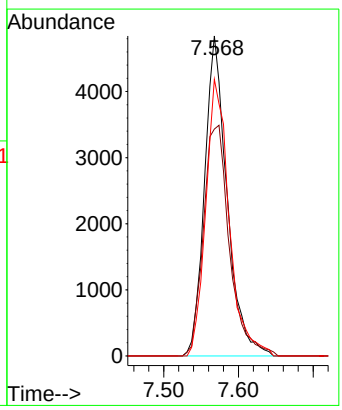


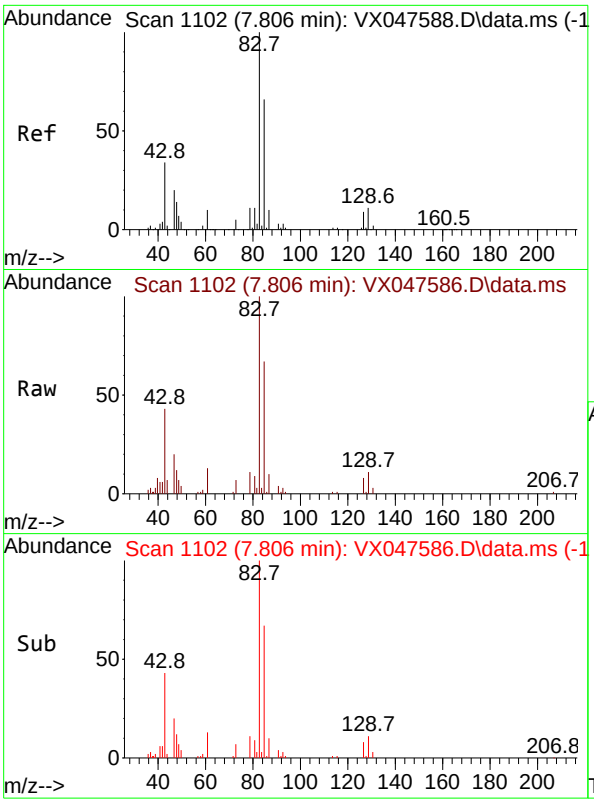


#46
Dibromomethane
Concen: 5.146 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



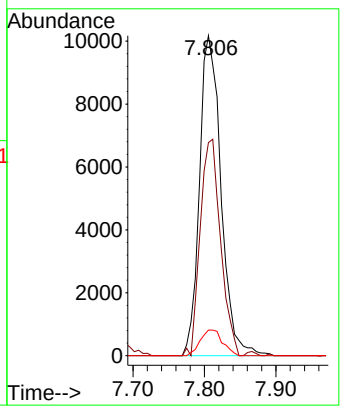


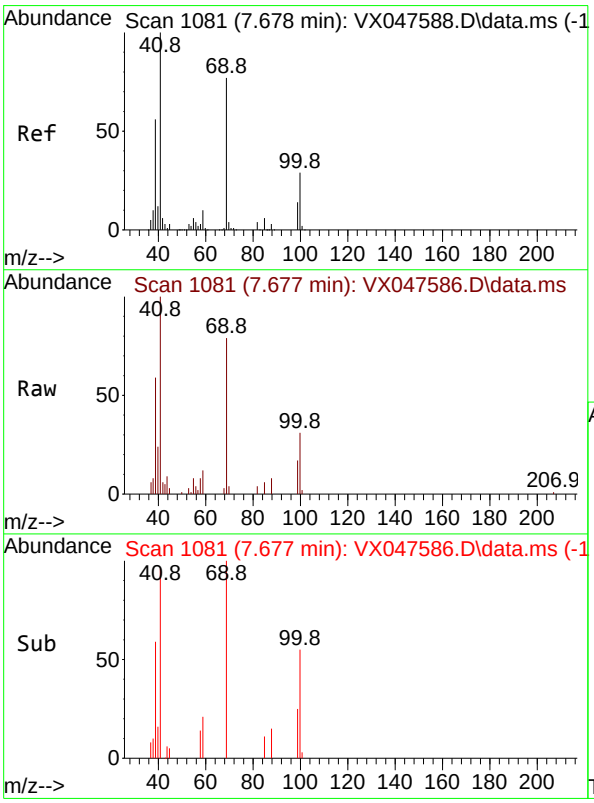
#47
Bromodichloromethane
Concen: 5.235 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 21270

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.5	78.7
127	7.8	6.9	10.3

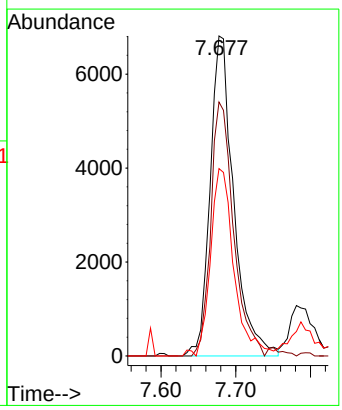


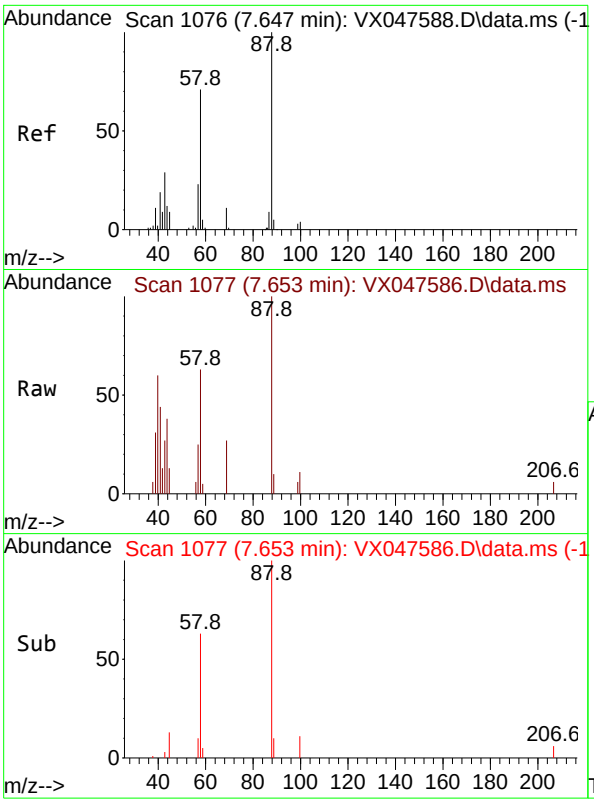


#48
Methyl methacrylate
Concen: 4.915 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



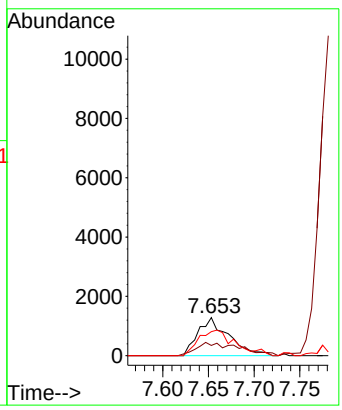


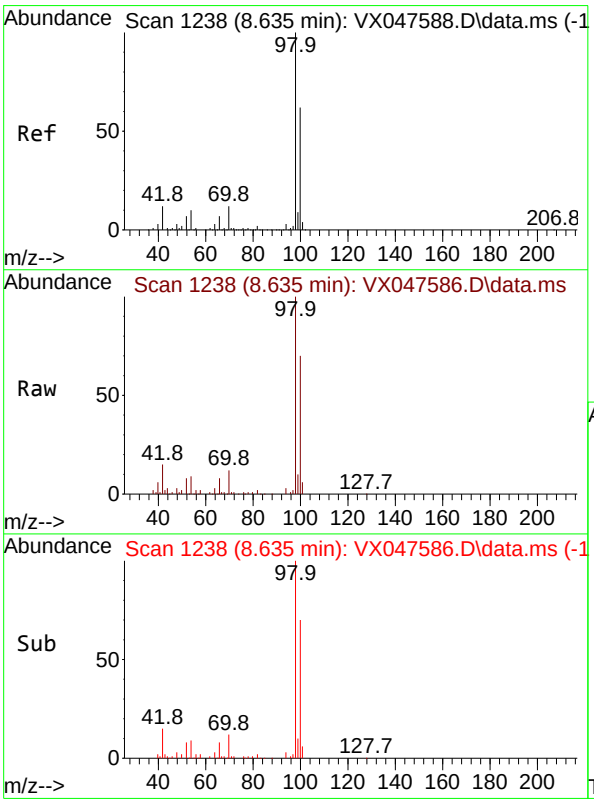
#49
1,4-Dioxane
Concen: 98.096 ug/l
RT: 7.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 3017

Ion	Ratio	Lower	Upper
88	100		
43	48.3	30.2	45.2#
58	79.1	59.5	89.3

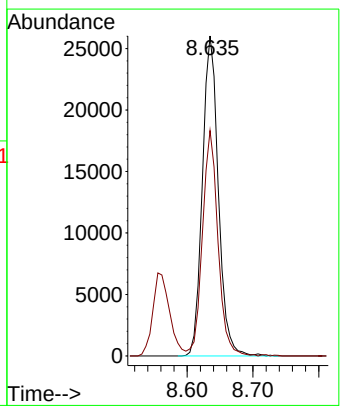


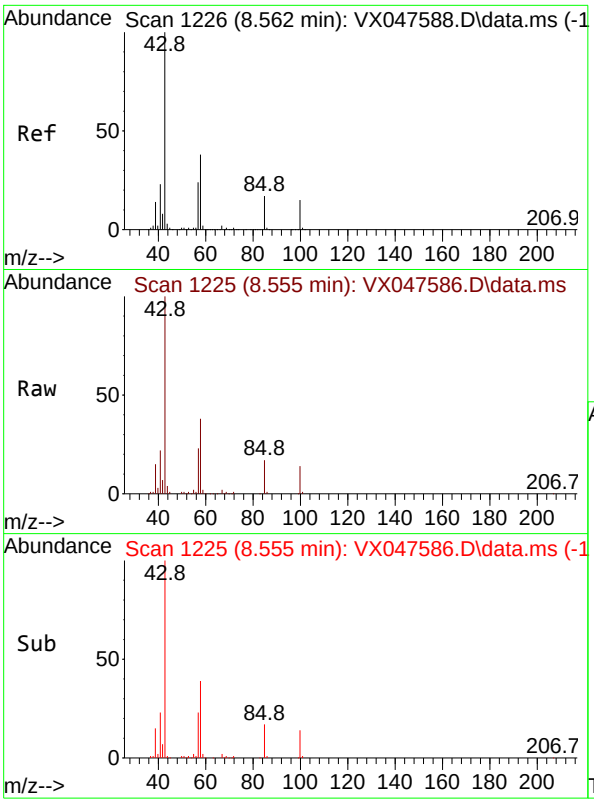


#50
Toluene-d8
Concen: 5.332 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 98 Resp: 43926

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4



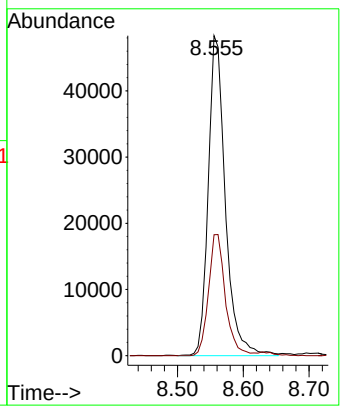


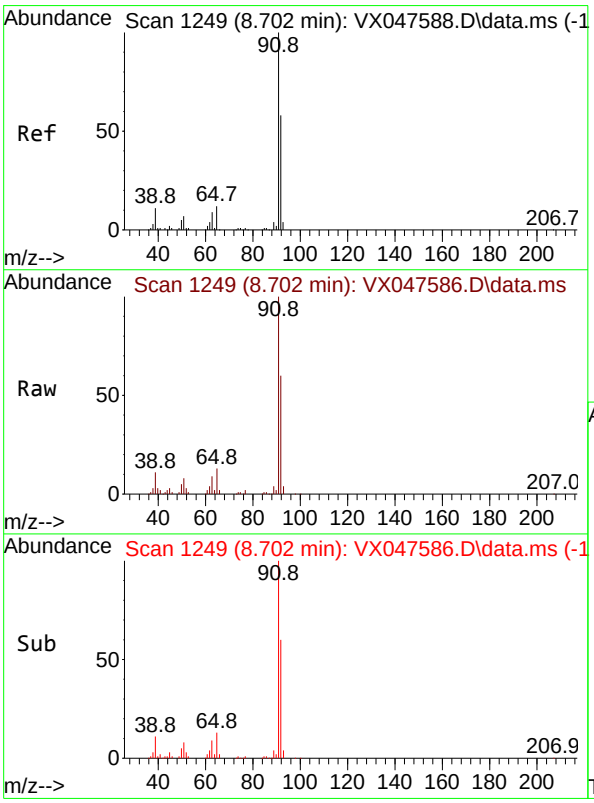
#51
4-Methyl-2-Pentanone
Concen: 25.828 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 87492

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5

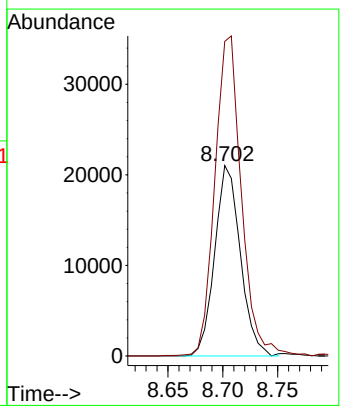


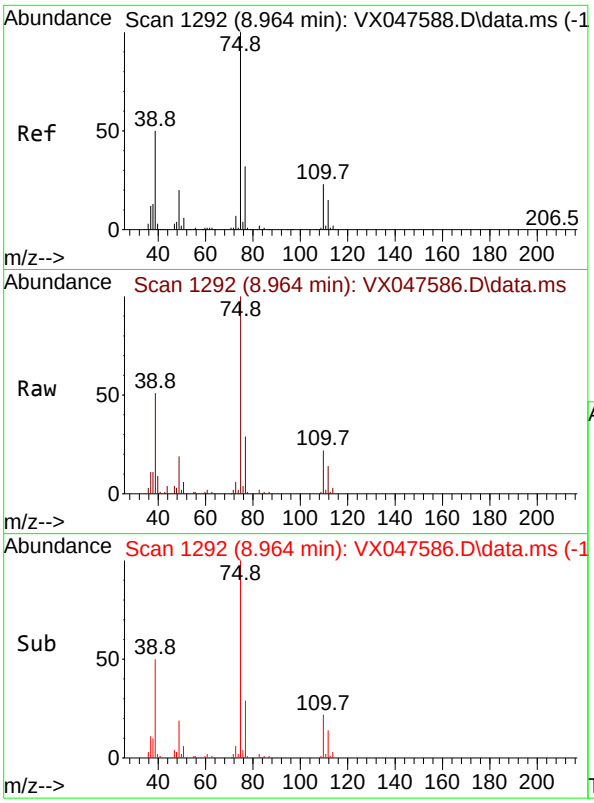


#52
Toluene
Concen: 5.271 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 92 Resp: 34314

Ion	Ratio	Lower	Upper
92	100		
91	173.8	137.1	205.7



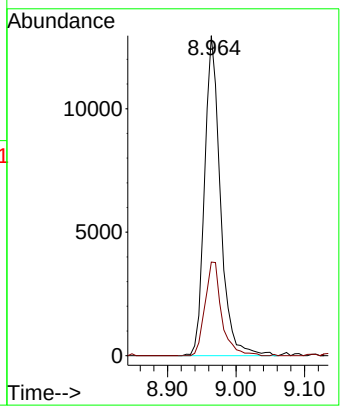


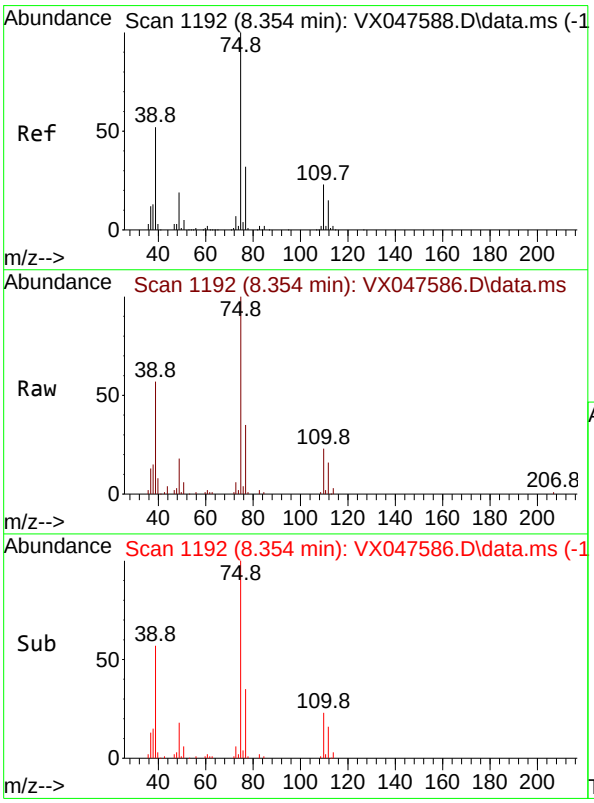
#53
t-1,3-Dichloropropene
Concen: 5.034 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 20863

Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.2

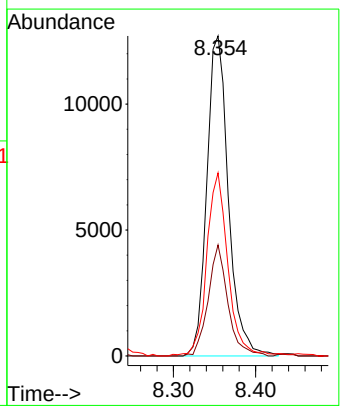


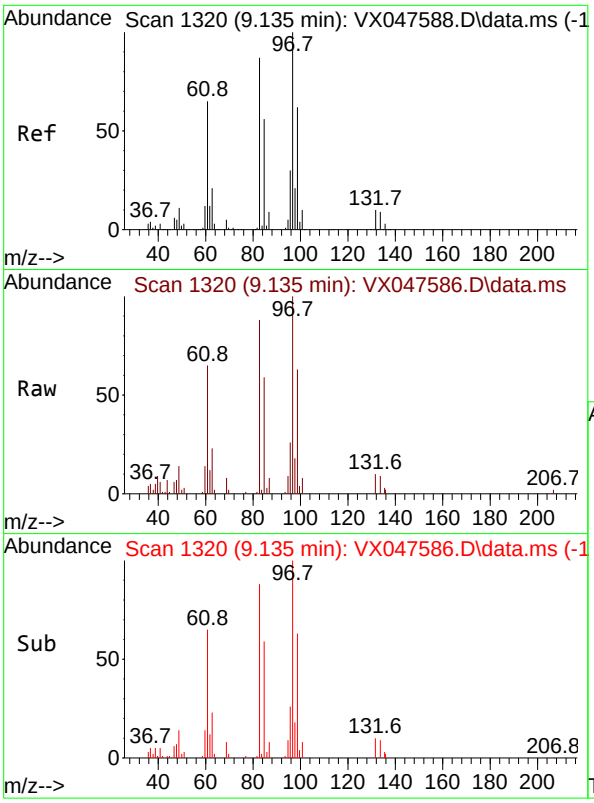


#54
cis-1,3-Dichloropropene
Concen: 5.227 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



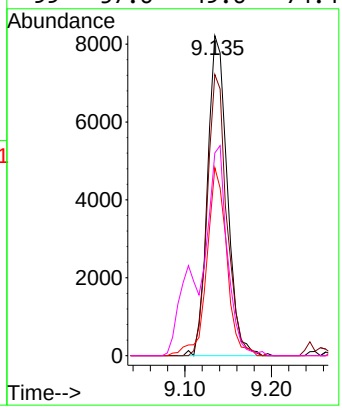


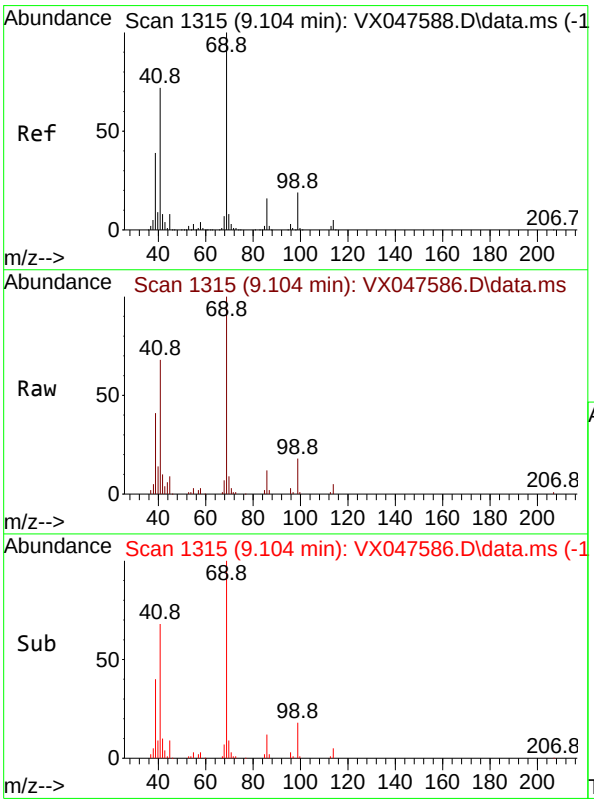
#55
1,1,2-Trichloroethane
Concen: 5.166 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 97 Resp: 12968

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

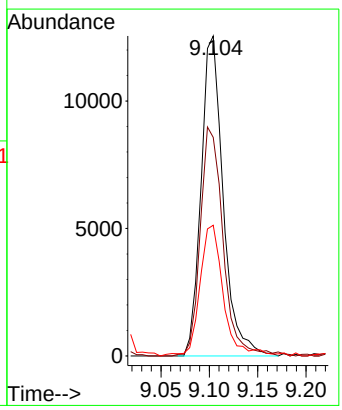


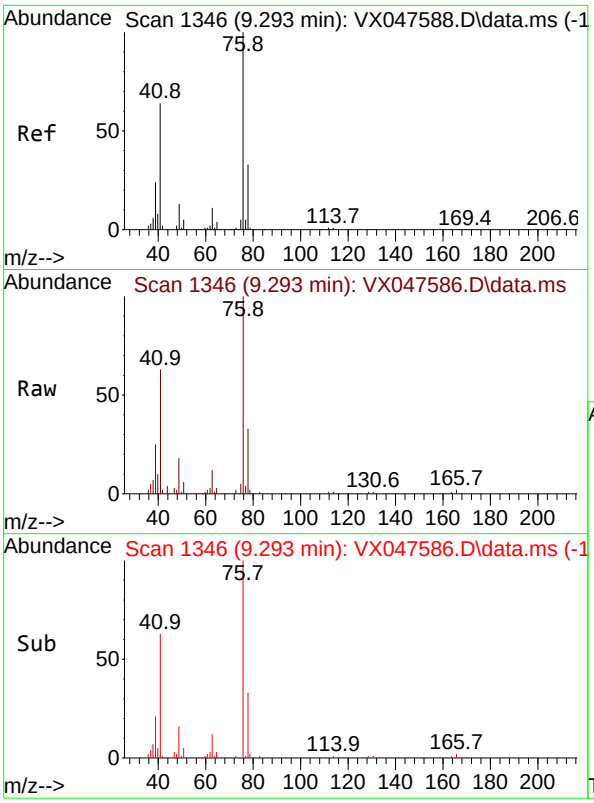


#56
Ethyl methacrylate
Concen: 5.068 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



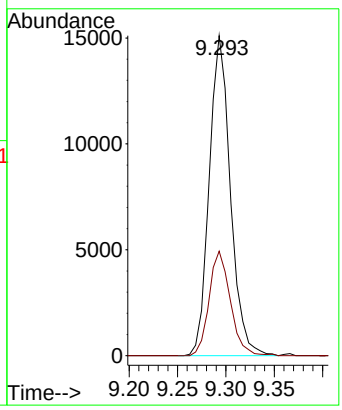


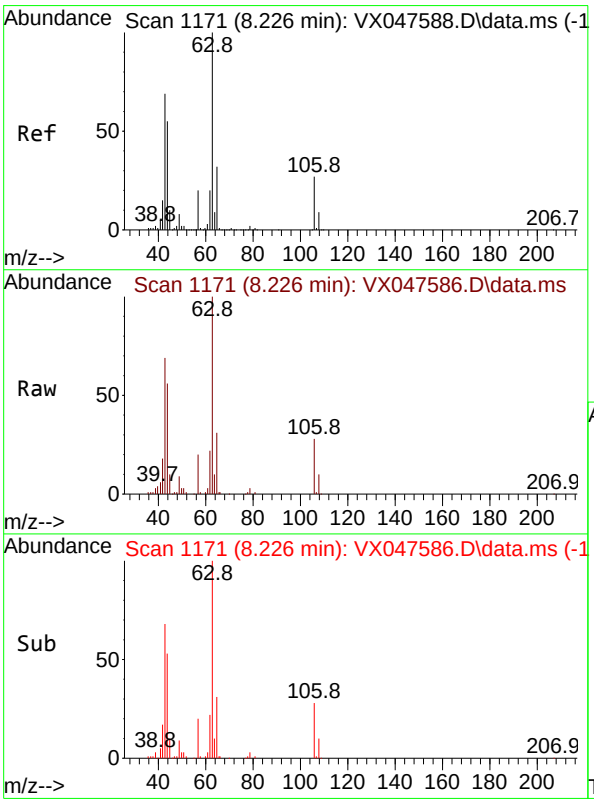
#57
1,3-Dichloropropane
Concen: 5.331 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 22989

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

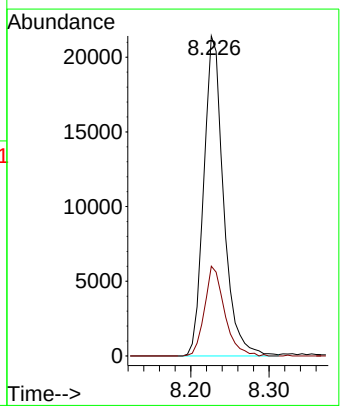


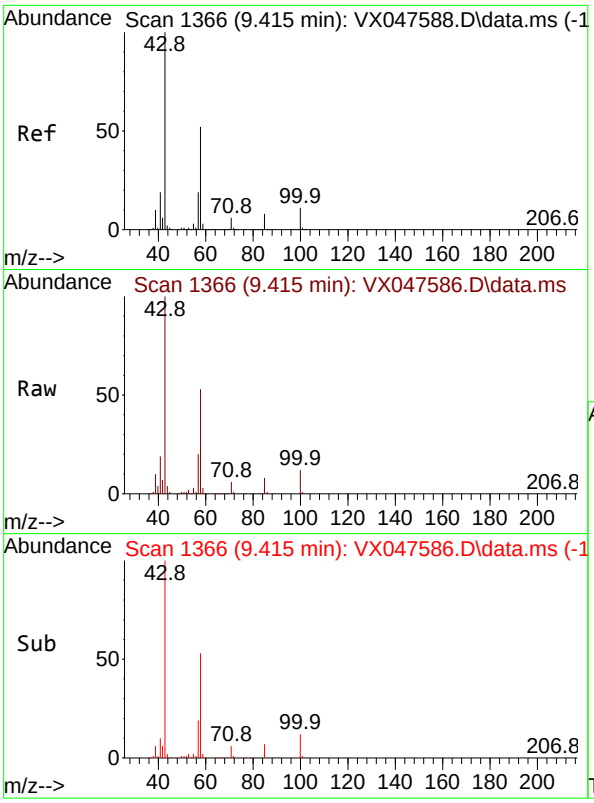


#58
2-Chloroethyl Vinyl ether
Concen: 27.899 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 63 Resp: 37585

Ion	Ratio	Lower	Upper
63	100		
106	28.3	21.9	32.9



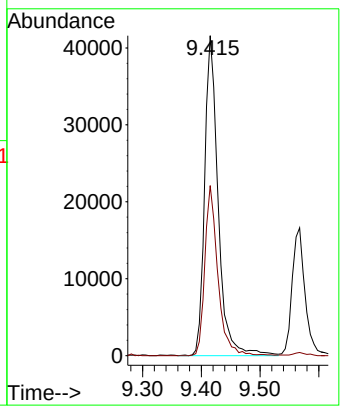


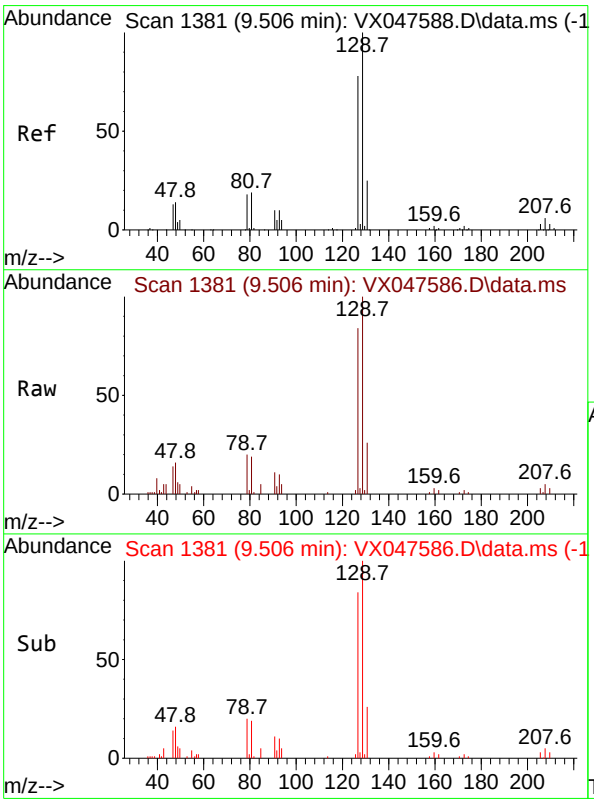
#59
2-Hexanone
Concen: 27.275 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 66356

Ion	Ratio	Lower	Upper
43	100		
58	51.1	26.1	78.2

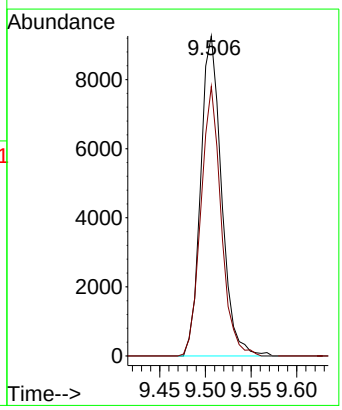


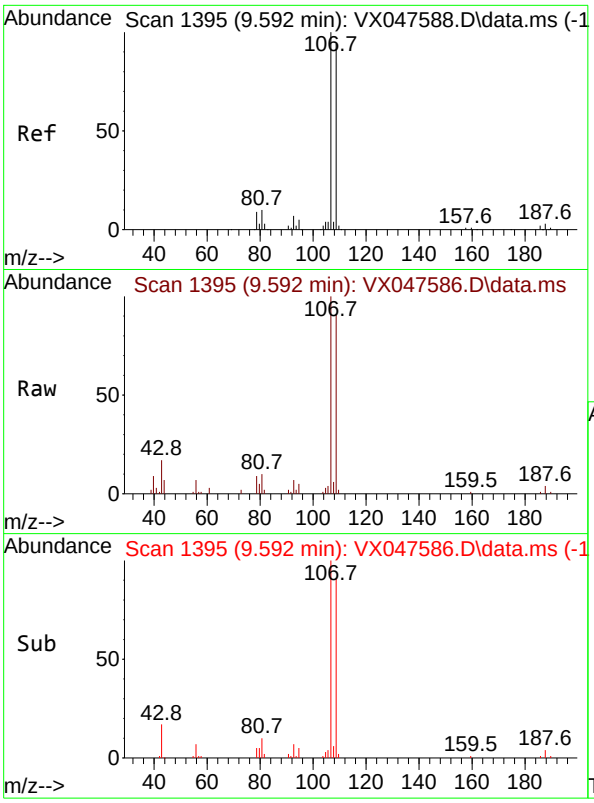


#60
Dibromochloromethane
Concen: 5.084 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:129 Resp: 14705

Ion	Ratio	Lower	Upper
129	100		
127	81.4	38.4	115.2



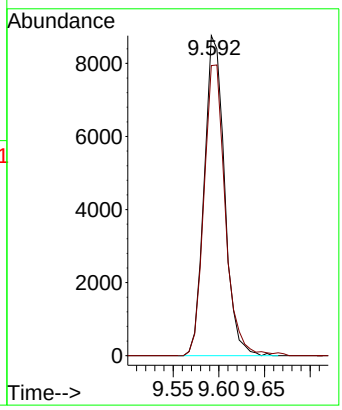


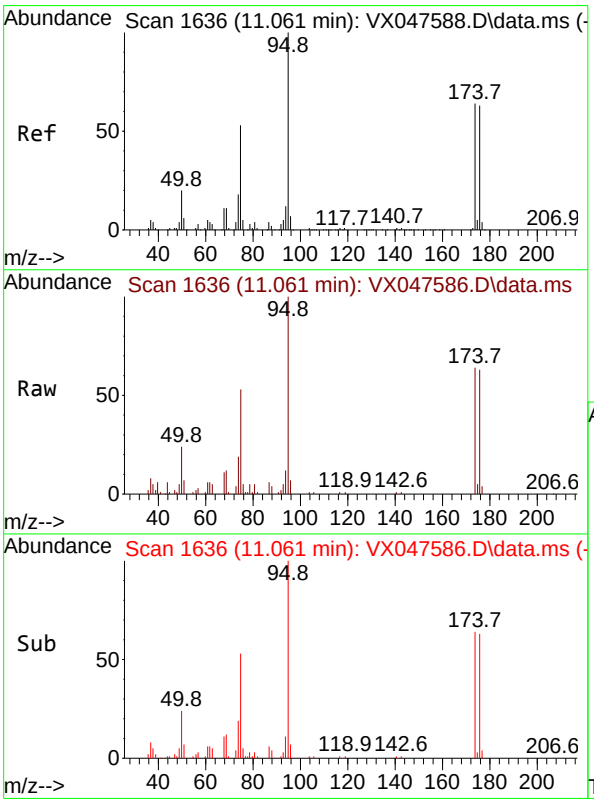
#61
1,2-Dibromoethane
Concen: 5.264 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 13461

Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.3	112.9

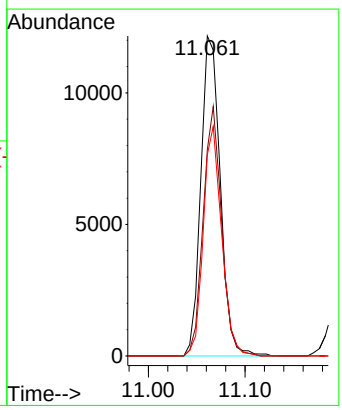


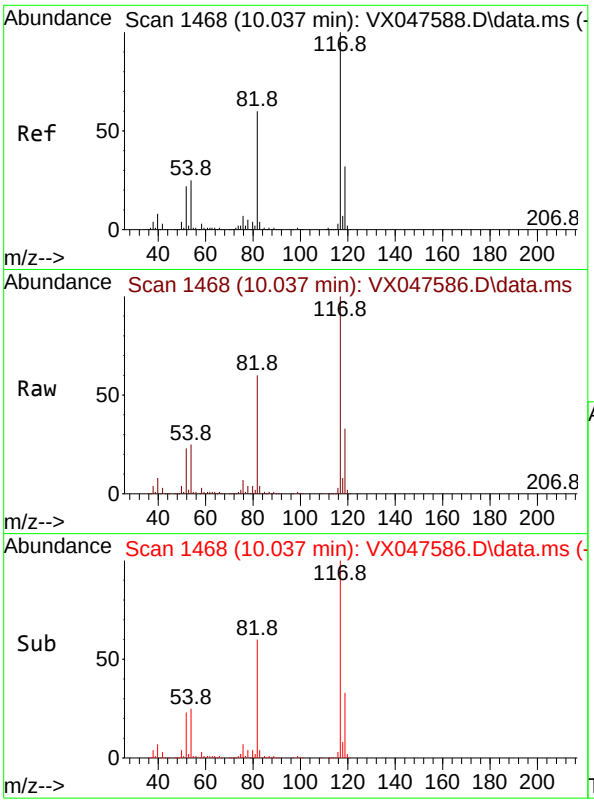


#62
4-Bromofluorobenzene
Concen: 5.429 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



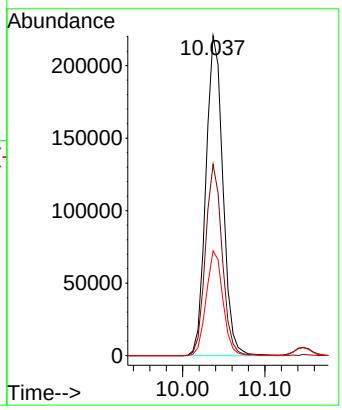


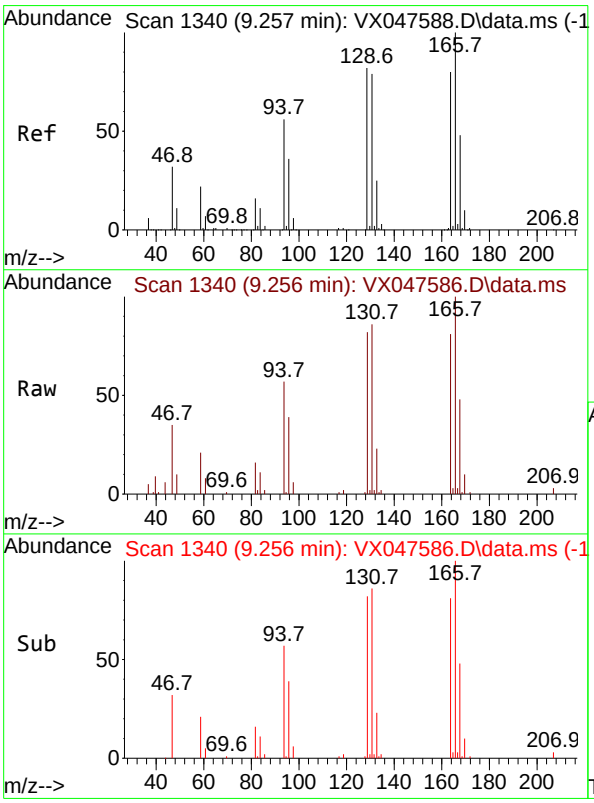
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 317288

Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.8	71.6
119	32.8	25.2	37.8

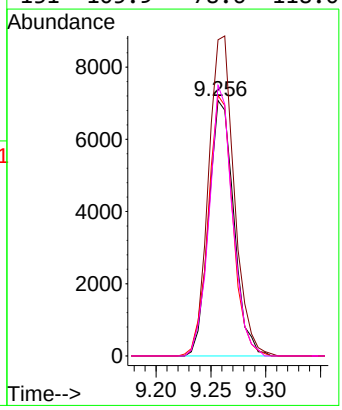


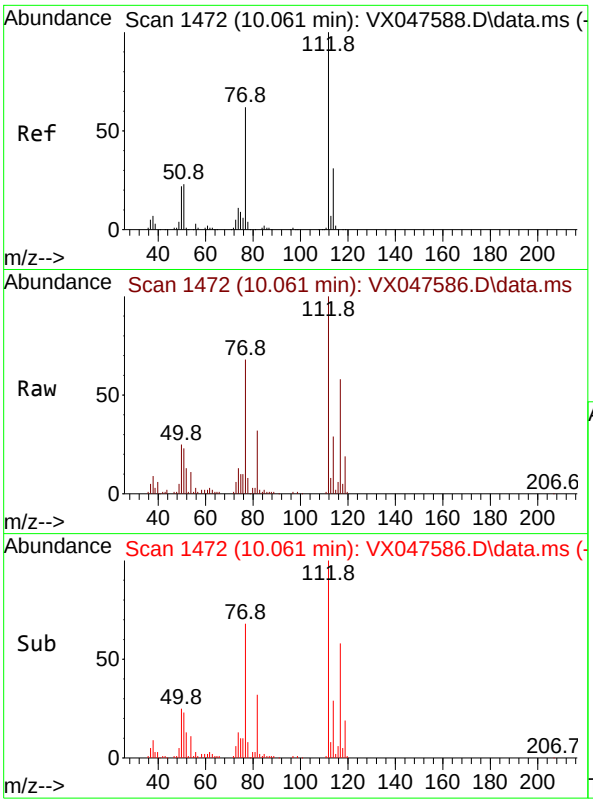


#64
Tetrachloroethene
Concen: 5.428 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



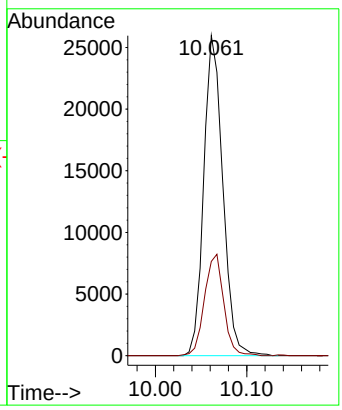


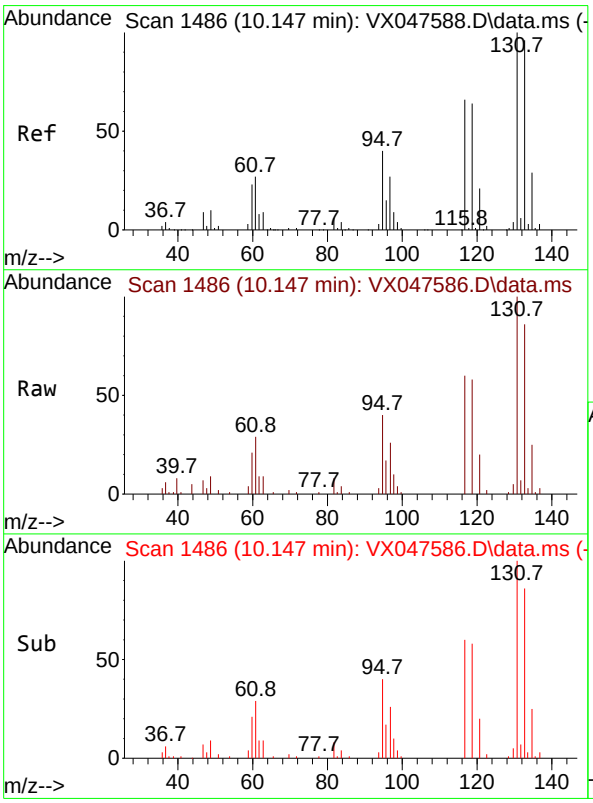
#65
Chlorobenzene
Concen: 5.203 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 37507

Ion	Ratio	Lower	Upper
112	100		
114	29.2	25.1	37.7

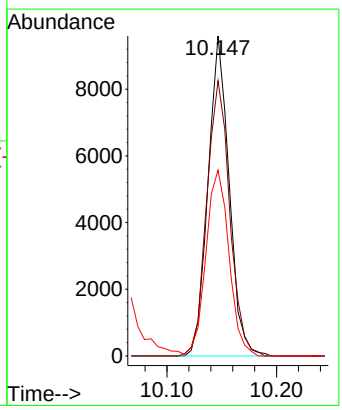


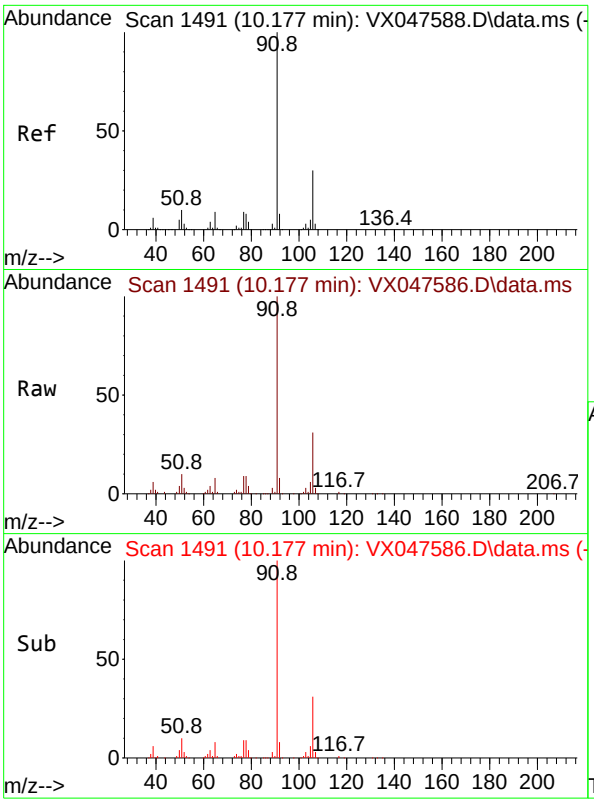


#66
1,1,1,2-Tetrachloroethane
Concen: 5.149 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



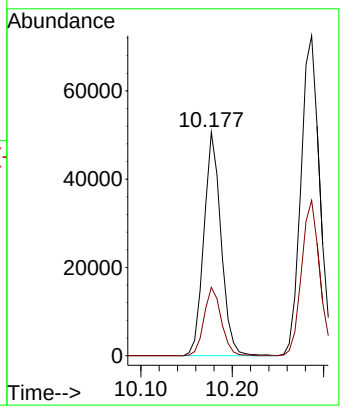


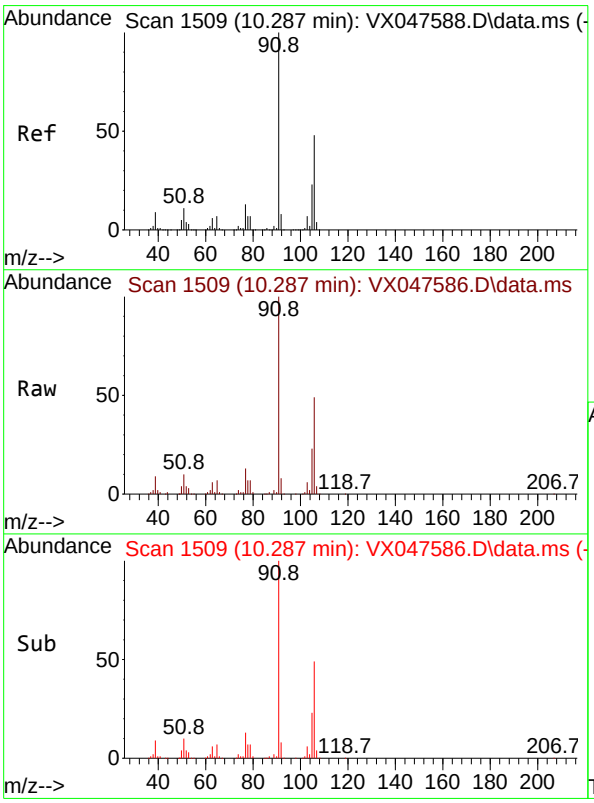
#67
Ethyl Benzene
Concen: 5.299 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 65908

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5

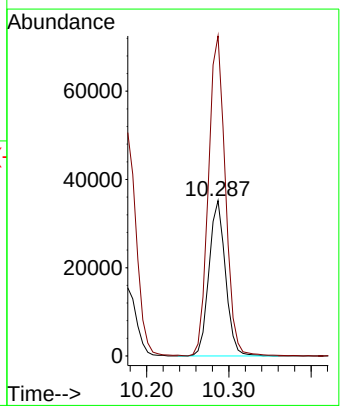


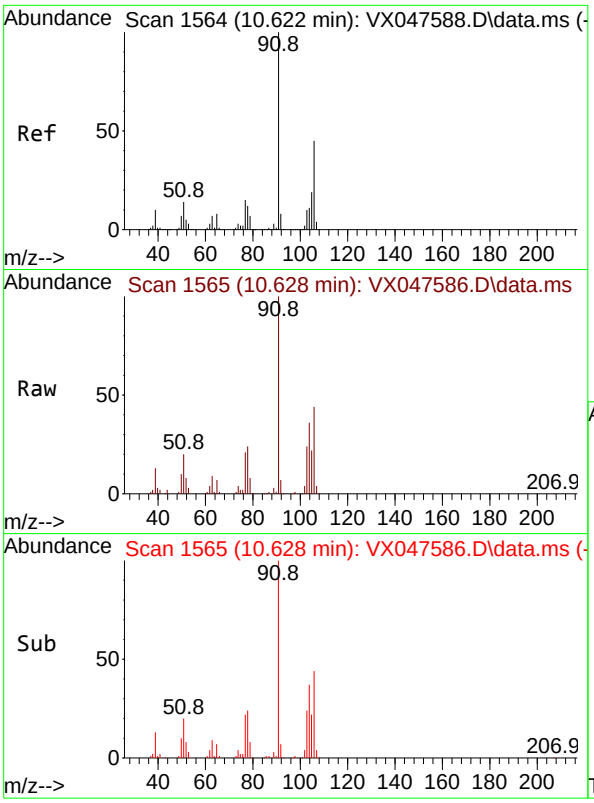


#68
m/p-Xylenes
Concen: 10.613 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:106 Resp: 49132

Ion	Ratio	Lower	Upper
106	100		
91	211.6	167.8	251.8



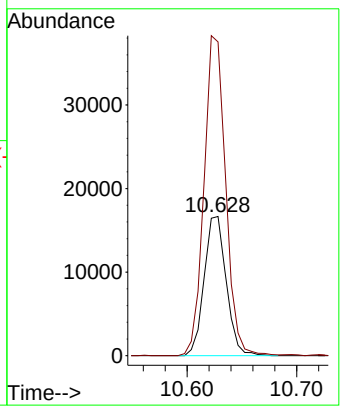


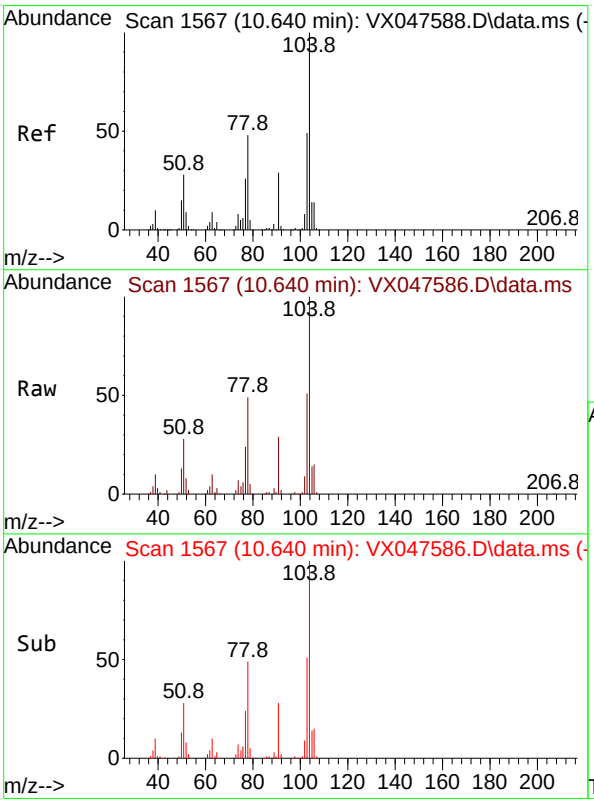
#69
o-Xylene
Concen: 5.204 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 23300

Ion	Ratio	Lower	Upper
106	100		
91	226.3	111.1	333.4

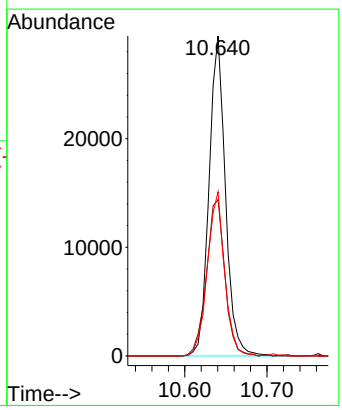


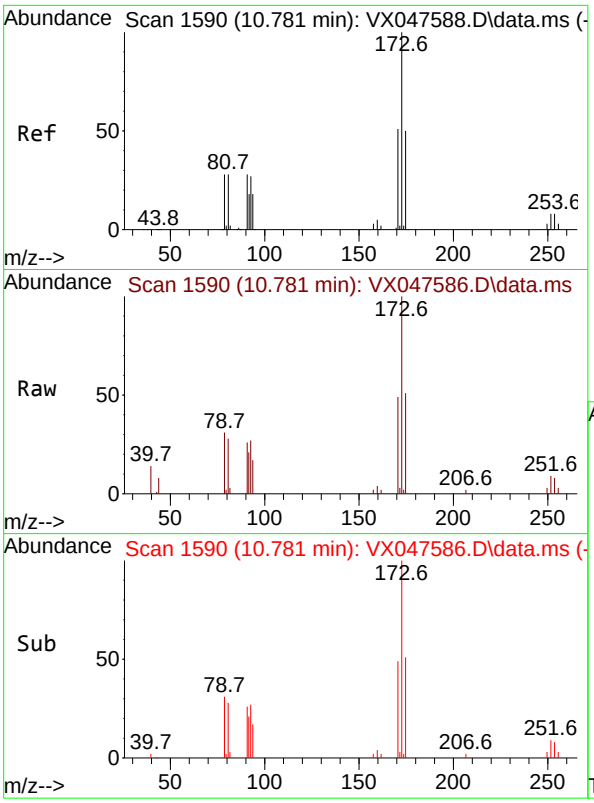


#70
Styrene
Concen: 5.210 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



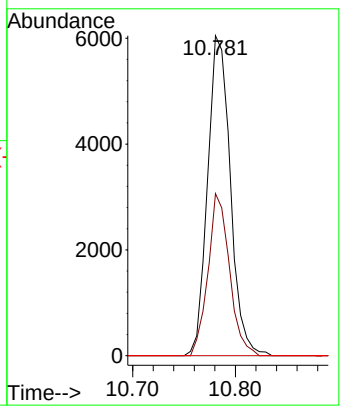


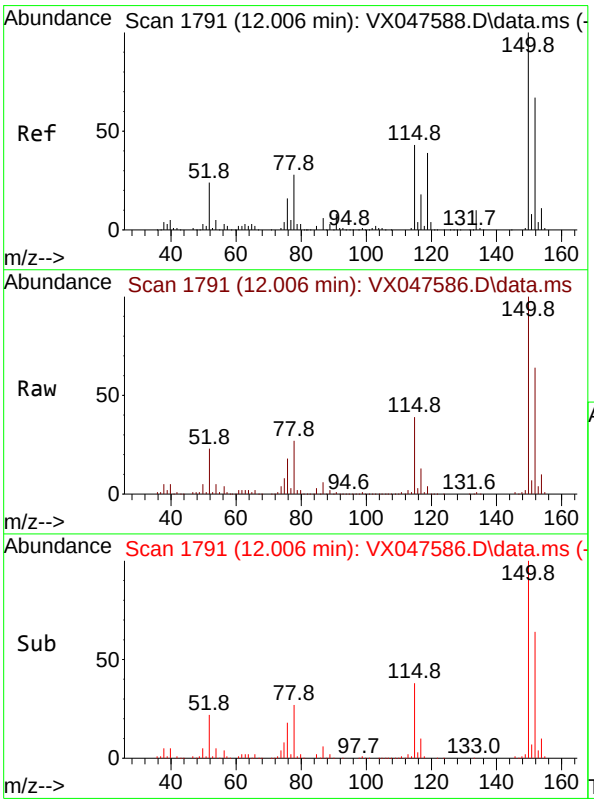
#71
Bromoform
Concen: 5.006 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:173 Resp: 9298

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.9	74.6
254	0.0	0.1	0.1#

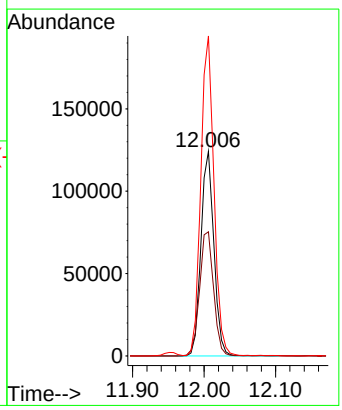


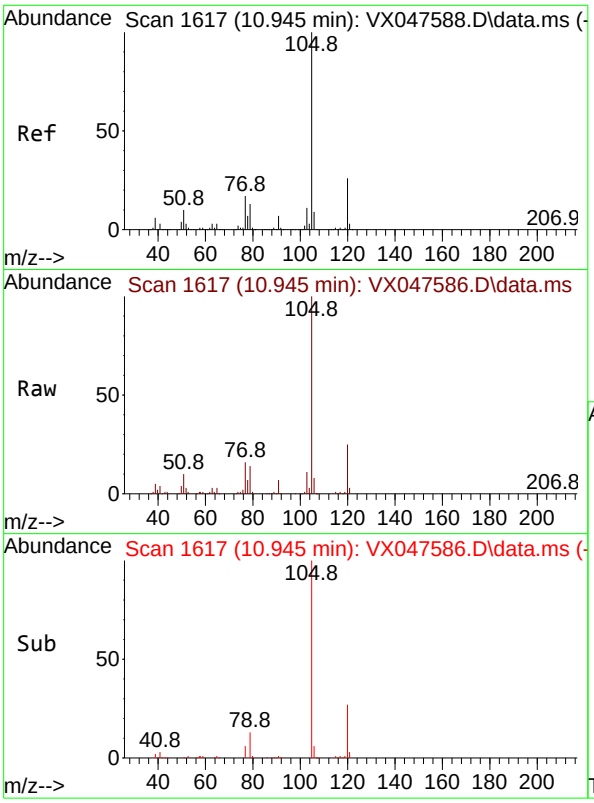


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



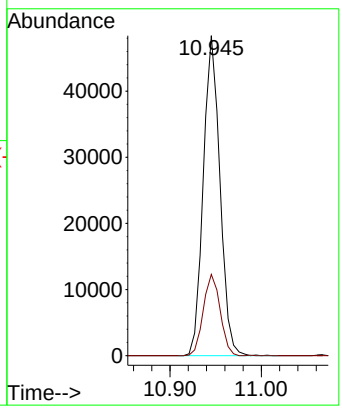


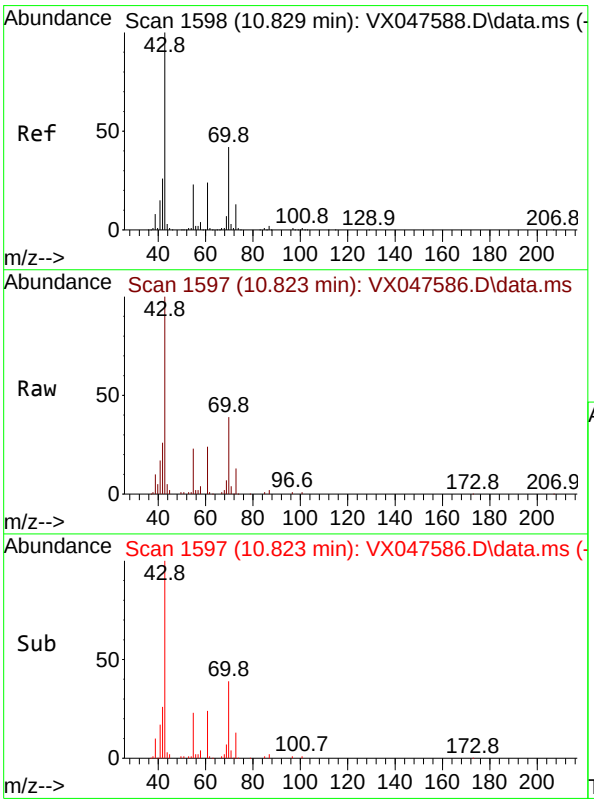
#73
Isopropylbenzene
Concen: 5.139 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 61029

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4

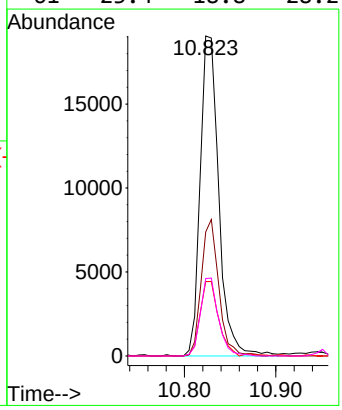


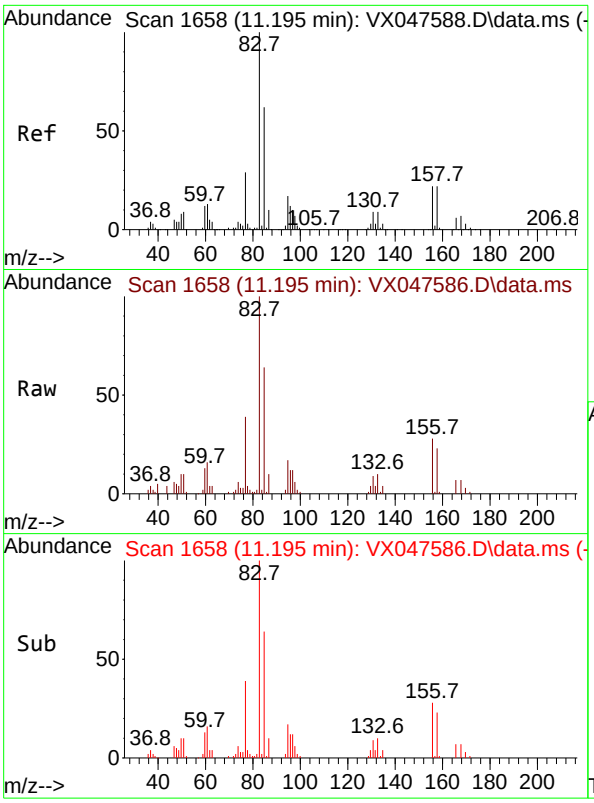


#74
N-amyl acetate
Concen: 4.980 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



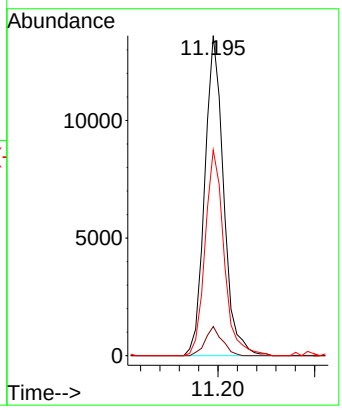


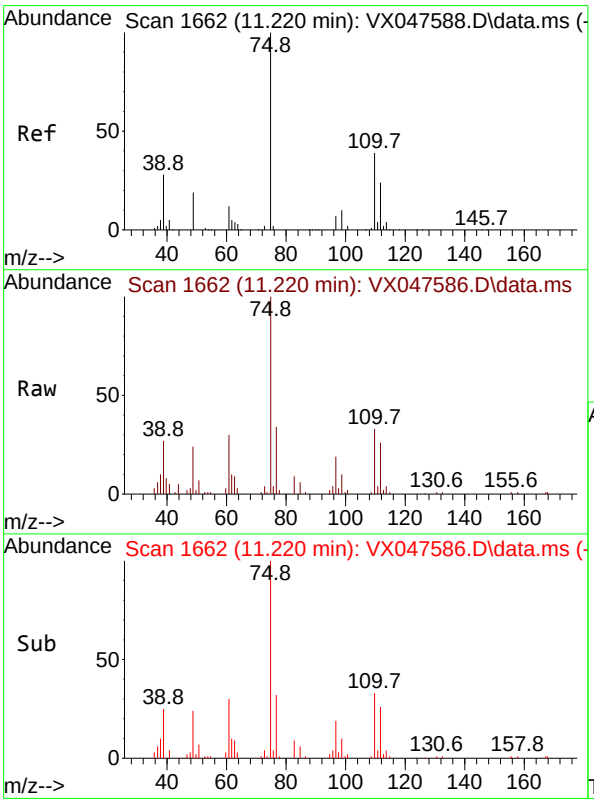
#75
1,1,2,2-Tetrachloroethane
Concen: 5.138 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 18462

Ion	Ratio	Lower	Upper
83	100		
131	8.2	5.0	14.9
85	64.4	31.6	95.0

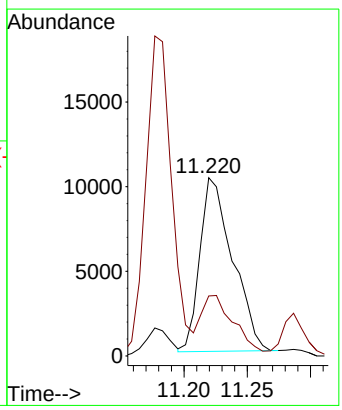


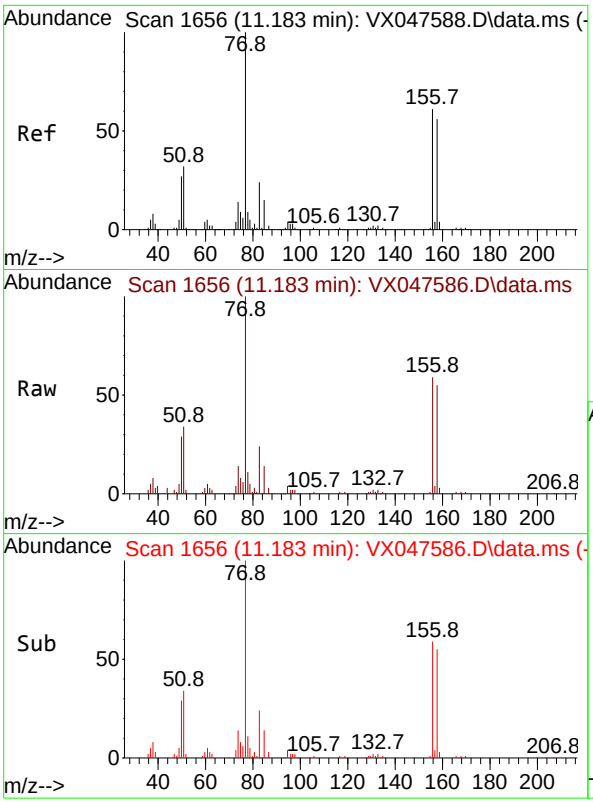


#76
1,2,3-Trichloropropane
Concen: 5.847 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 75 Resp: 18494

Ion	Ratio	Lower	Upper
75	100		
77	35.0	18.8	56.4



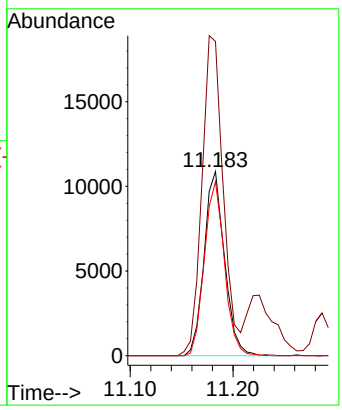


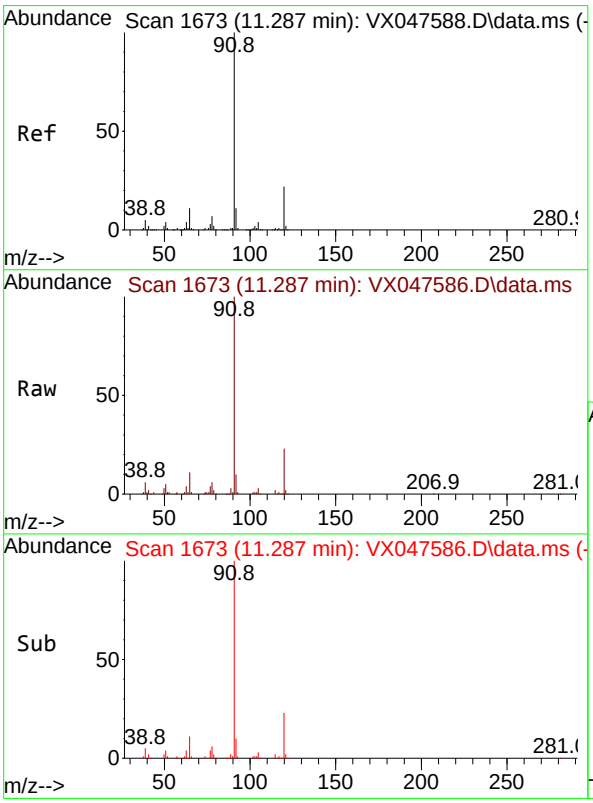
#77
Bromobenzene
Concen: 5.150 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 15066

Ion	Ratio	Lower	Upper
156	100		
77	180.3	89.7	269.1
158	92.6	47.9	143.6

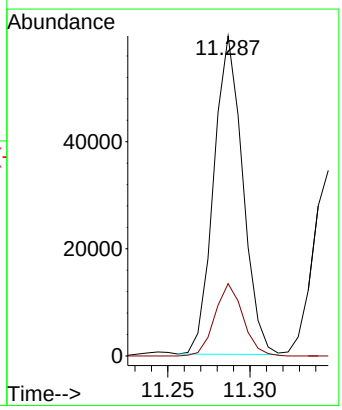


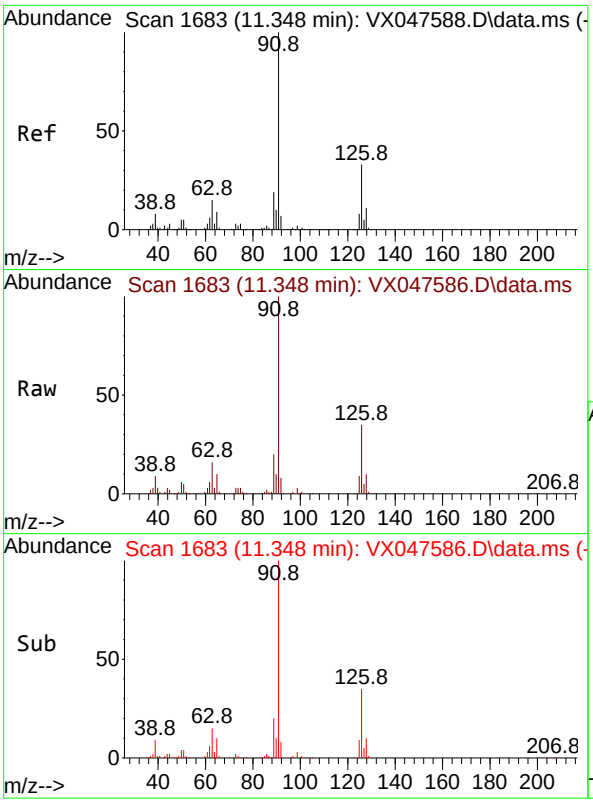


#78
n-propylbenzene
Concen: 5.192 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 72900

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1



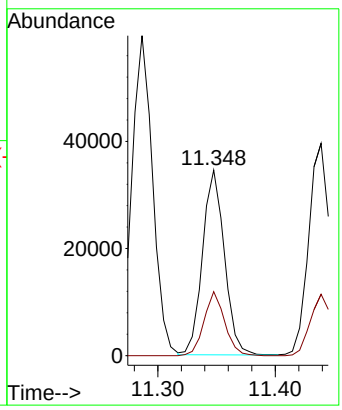


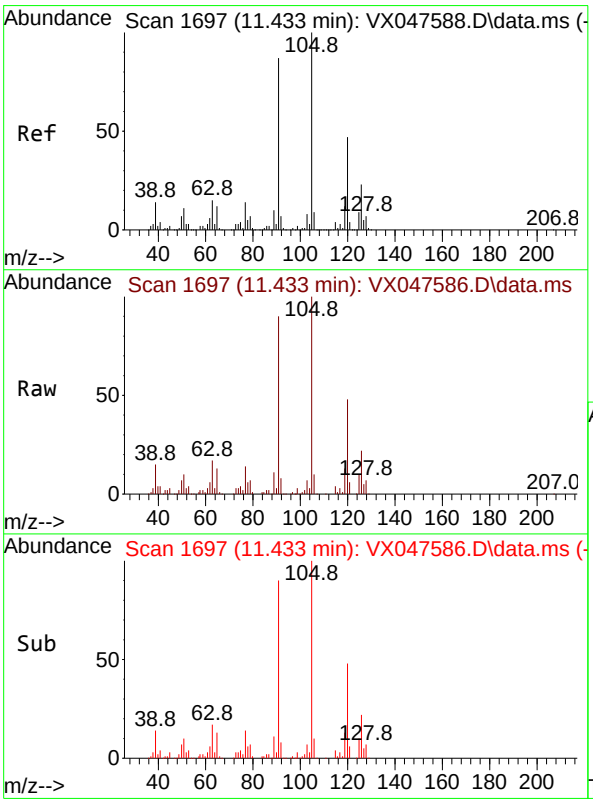
#79
2-Chlorotoluene
Concen: 5.194 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 44663

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

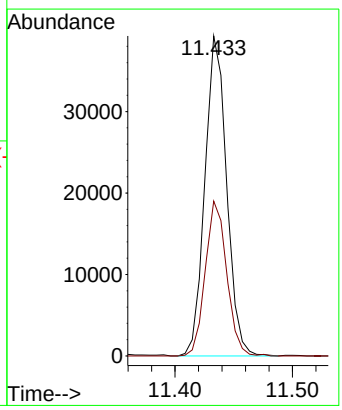


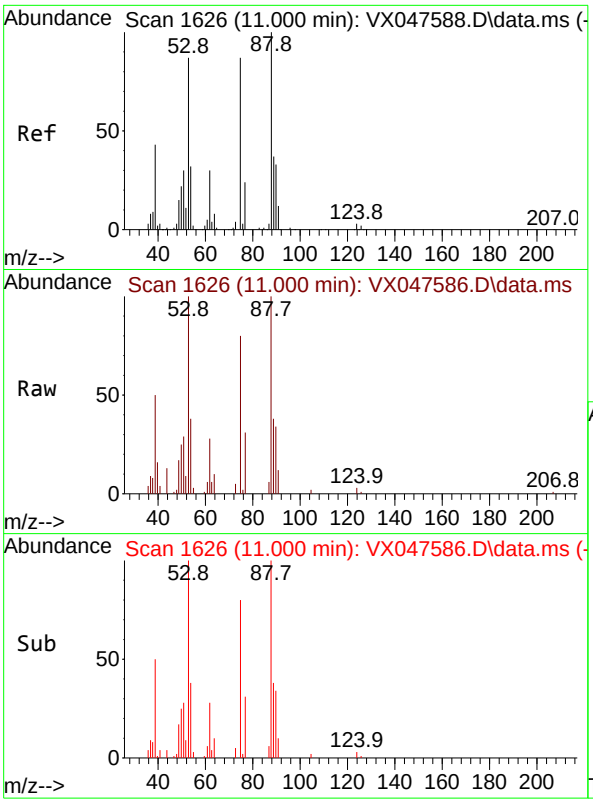


#80
1,3,5-Trimethylbenzene
Concen: 5.179 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 50535

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.6	70.8



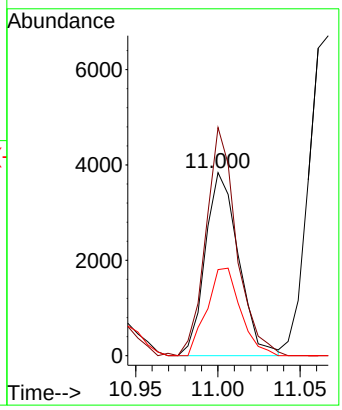


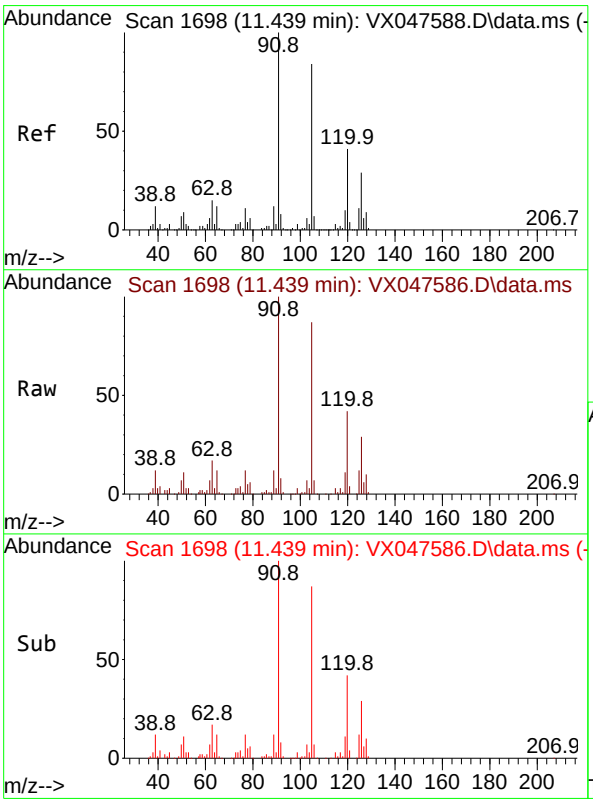
#81
trans-1,4-Dichloro-2-butene
Concen: 4.364 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 5413

Ion	Ratio	Lower	Upper
75	100		
53	114.9	83.4	125.2
89	48.3	36.3	54.5

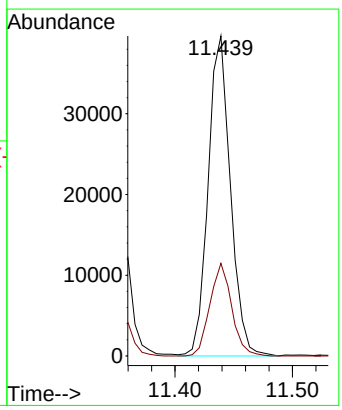


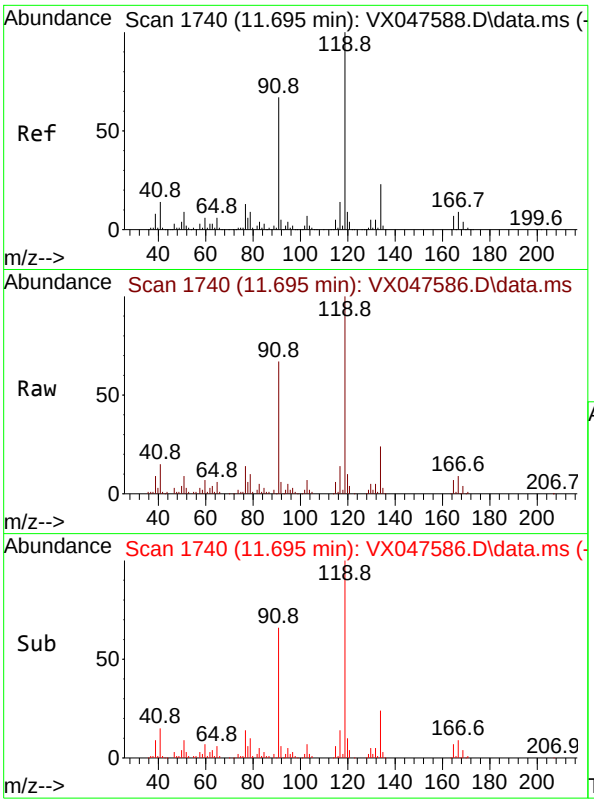


#82
4-Chlorotoluene
Concen: 5.149 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion: 91 Resp: 52294

Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.2	42.6



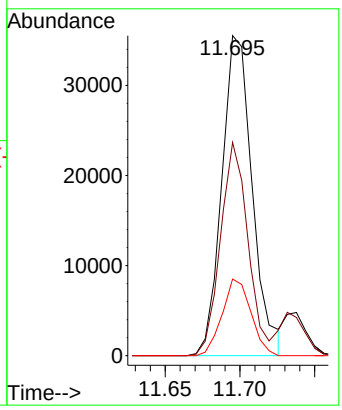


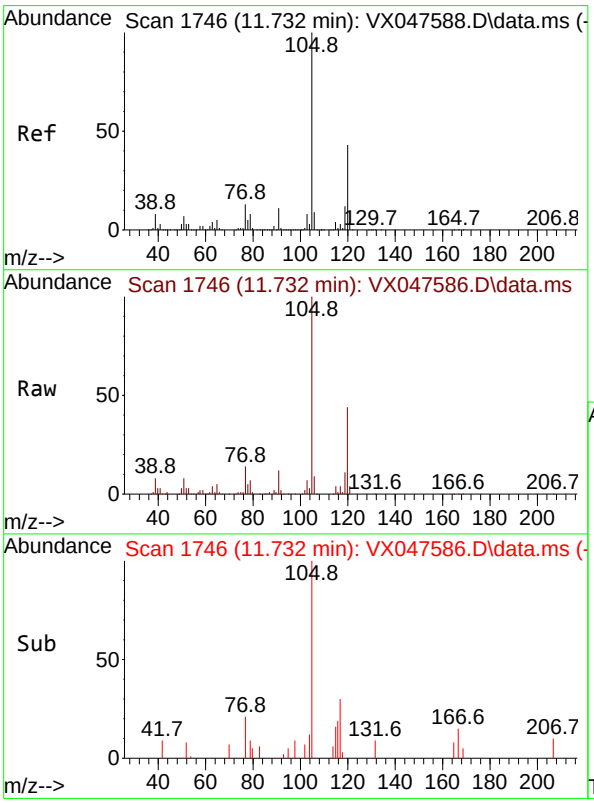
#83
tert-Butylbenzene
Concen: 5.041 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:119 Resp: 50350

Ion	Ratio	Lower	Upper
119	100		
91	60.1	29.6	88.8
134	22.7	11.0	33.0

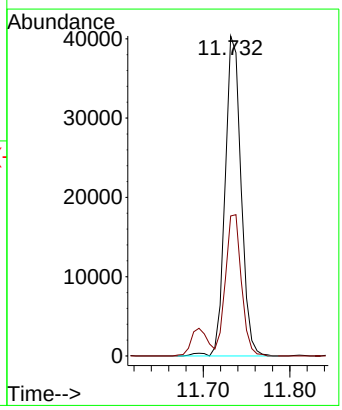


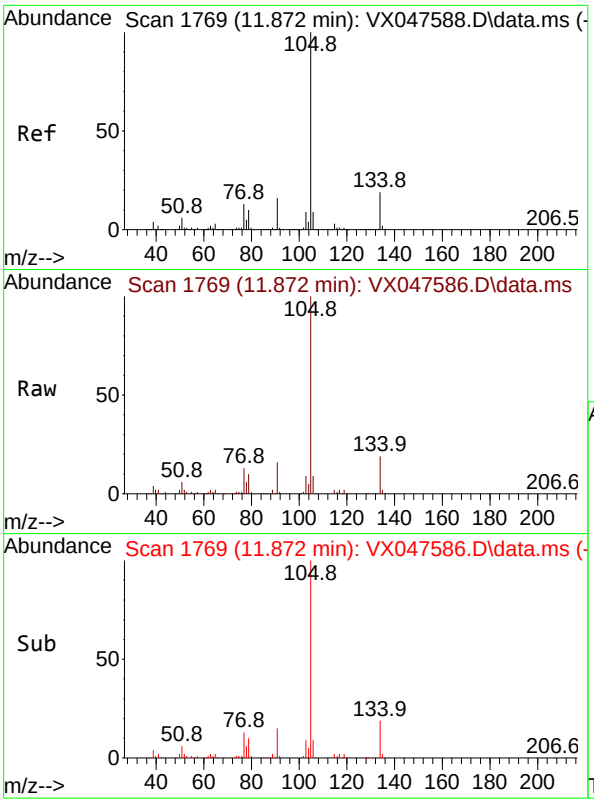


#84
1,2,4-Trimethylbenzene
Concen: 5.214 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:105 Resp: 51583

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1



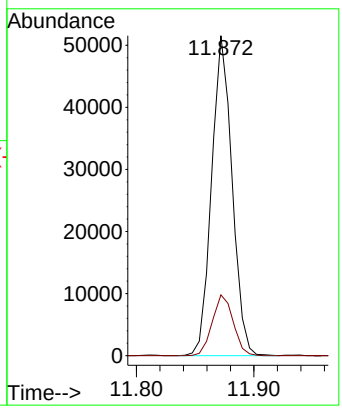


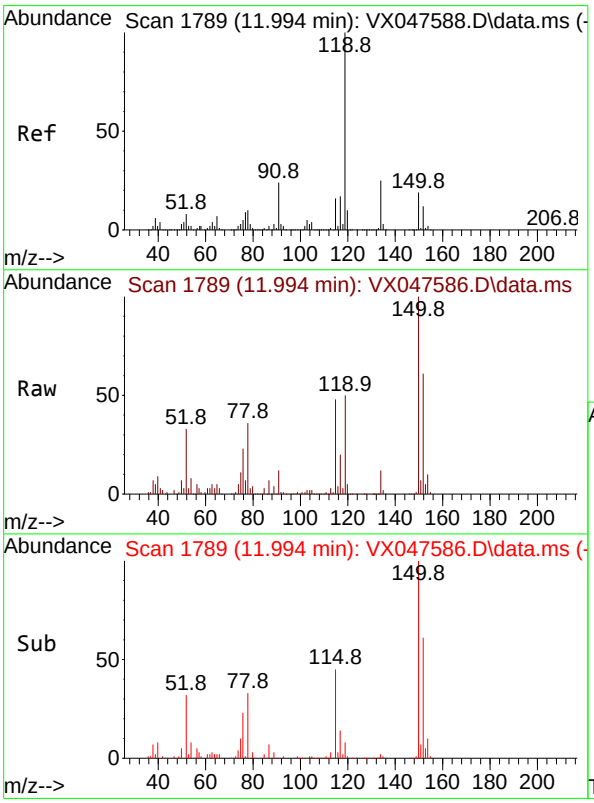
#85
sec-Butylbenzene
Concen: 5.268 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 62507

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

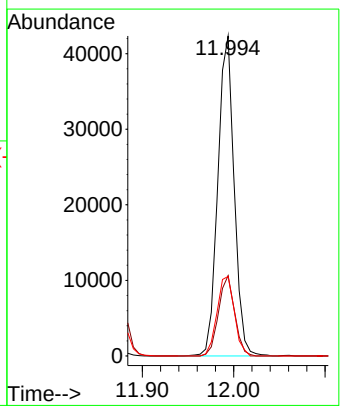


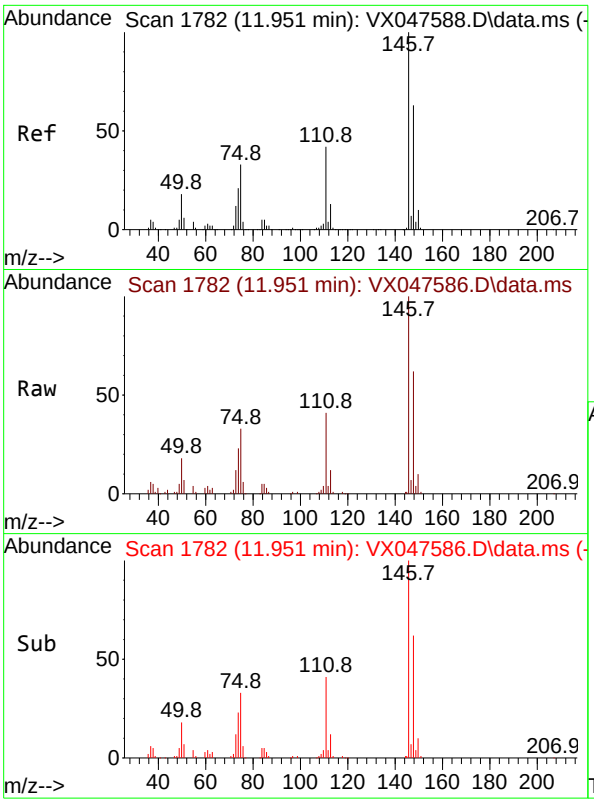


#86
p-Isopropyltoluene
Concen: 5.244 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



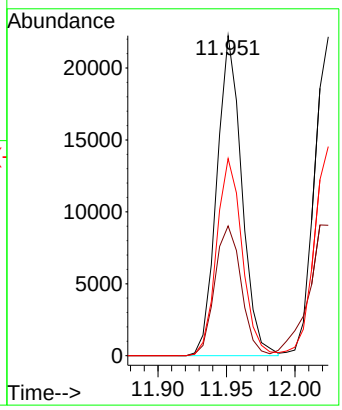


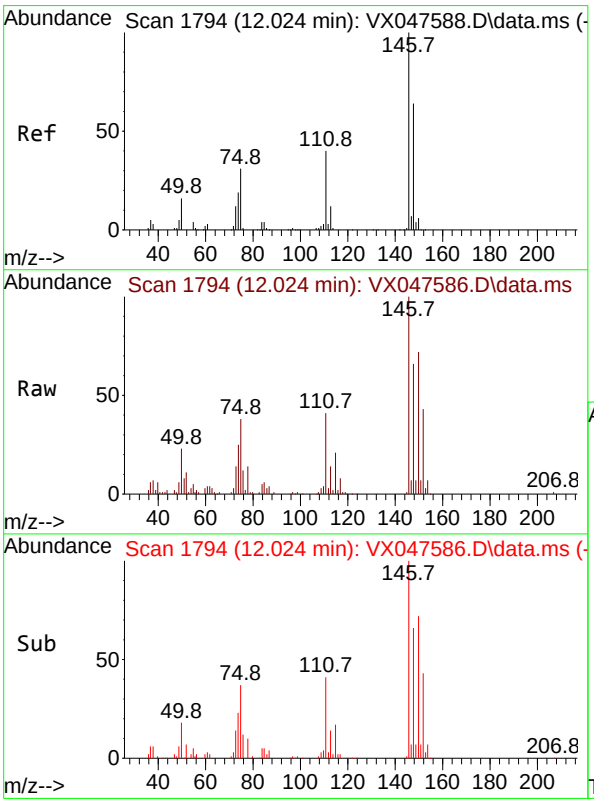
#87
1,3-Dichlorobenzene
Concen: 5.175 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 28116

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	63.4	32.0	96.0

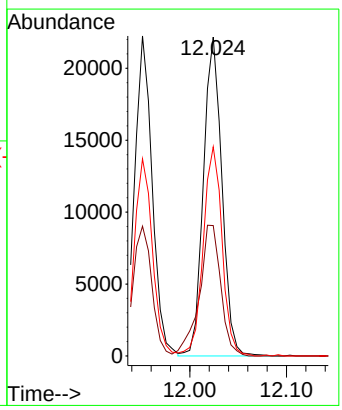


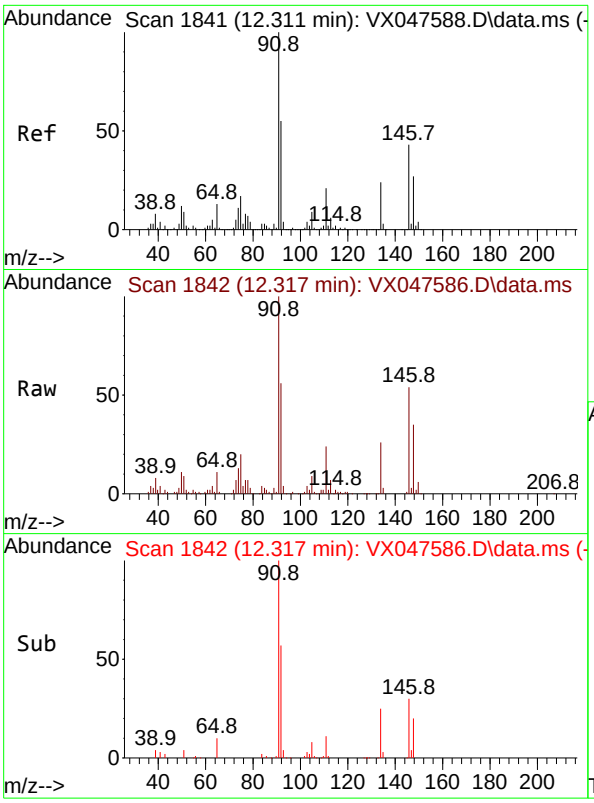


#88
1,4-Dichlorobenzene
Concen: 5.294 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



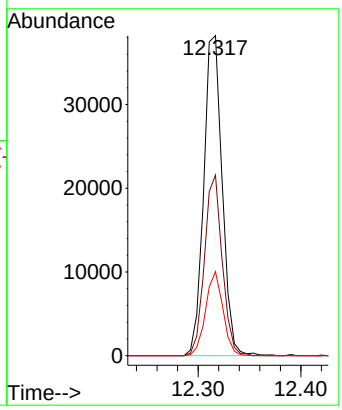


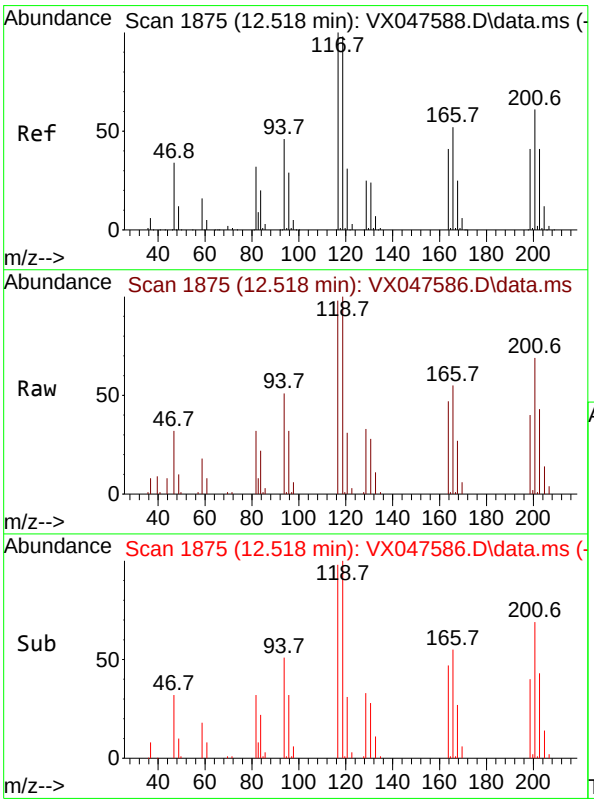
#89
n-Butylbenzene
Concen: 5.159 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 47953

Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.6	82.7
134	24.6	12.6	37.8

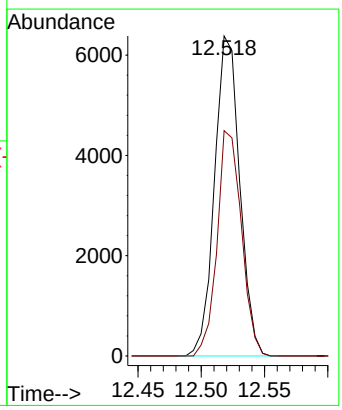


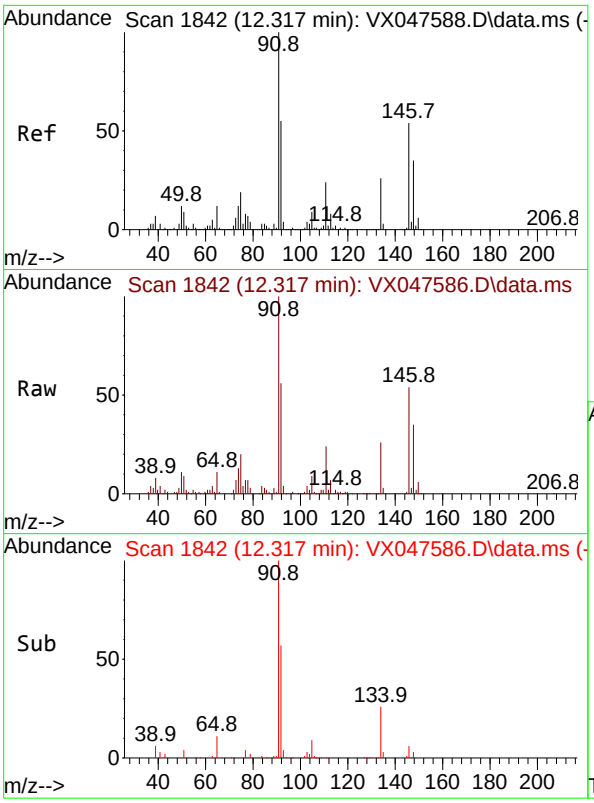


#90
Hexachloroethane
Concen: 5.007 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Tgt Ion:117 Resp: 8830

Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.2	102.5



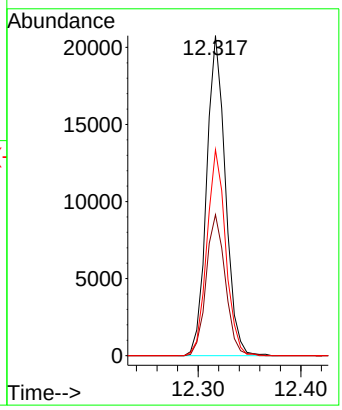


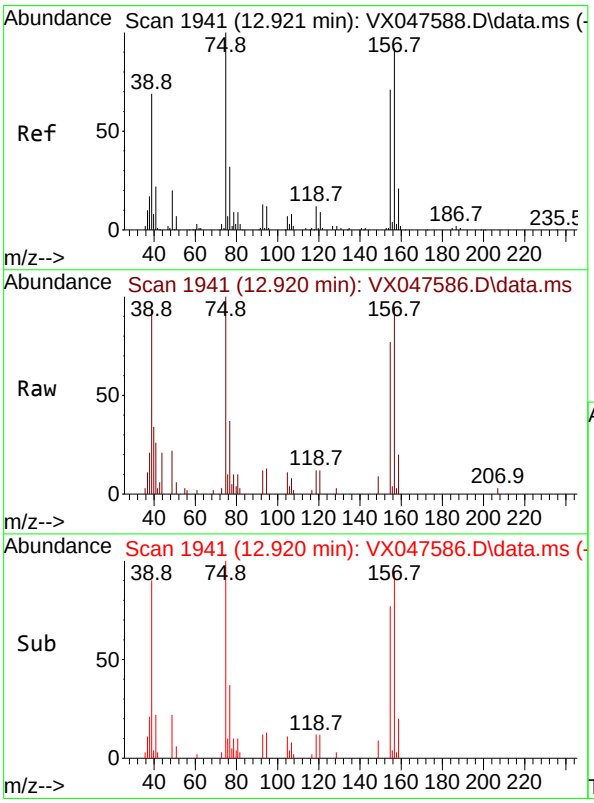
#91
1,2-Dichlorobenzene
Concen: 5.102 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:146 Resp: 26409

Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.2	66.6
148	64.2	31.8	95.4

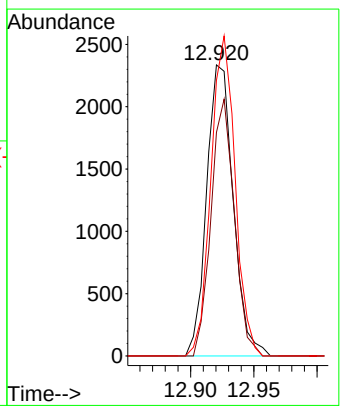


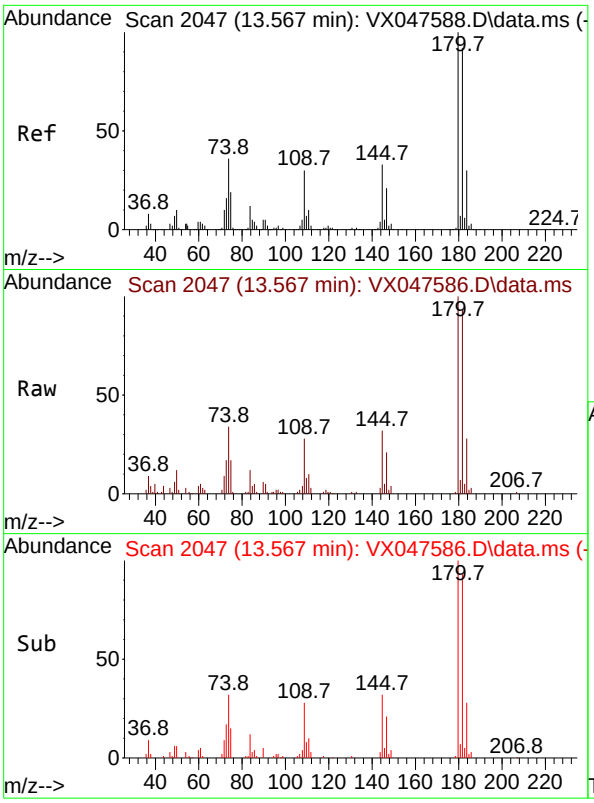


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.690 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



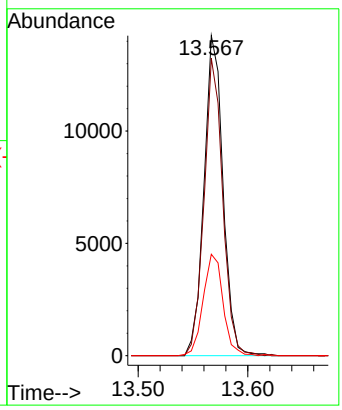


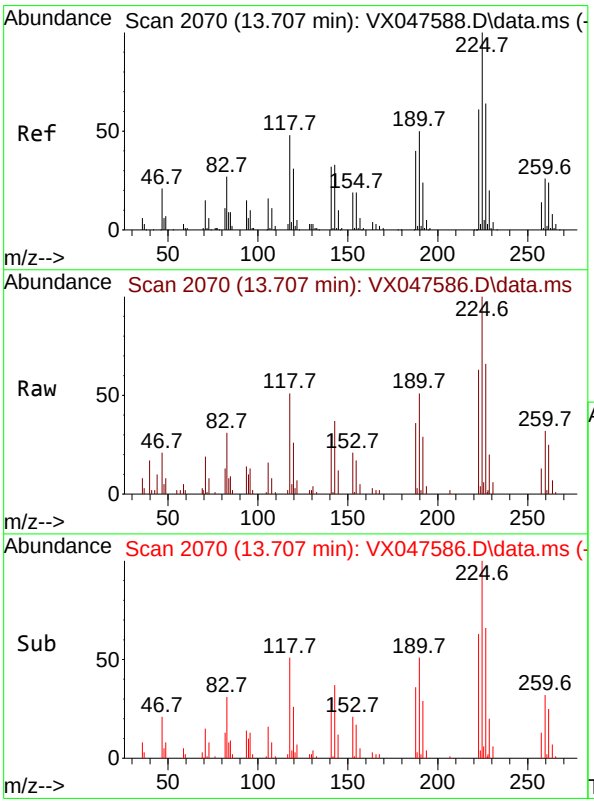
#93
1,2,4-Trichlorobenzene
Concen: 5.103 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 17167

Ion	Ratio	Lower	Upper
180	100		
182	91.2	46.6	139.8
145	33.2	16.4	49.1

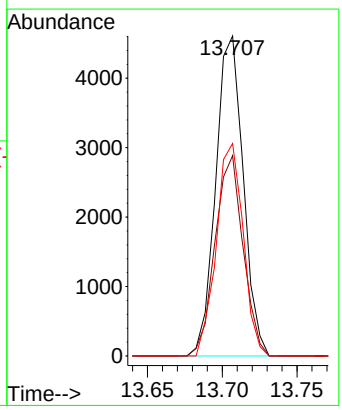


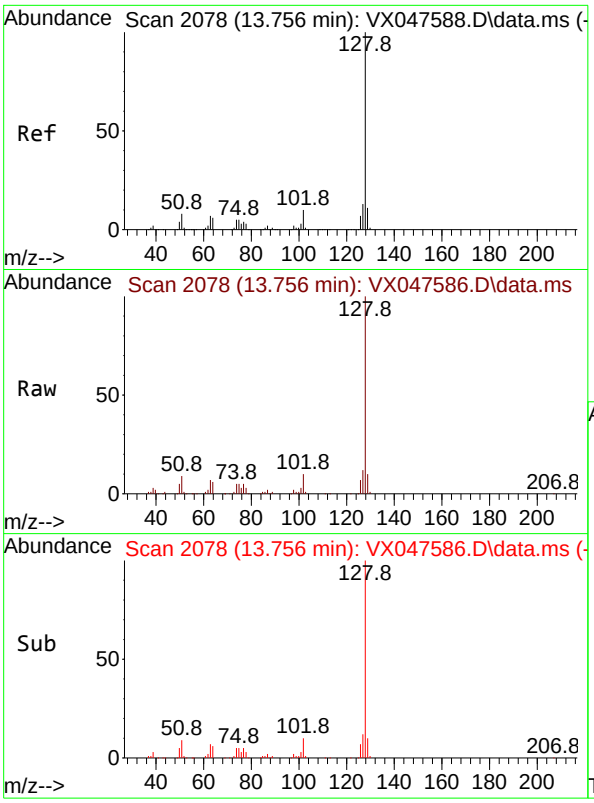


#94
Hexachlorobutadiene
Concen: 5.158 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



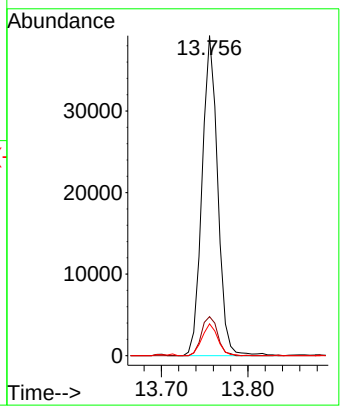


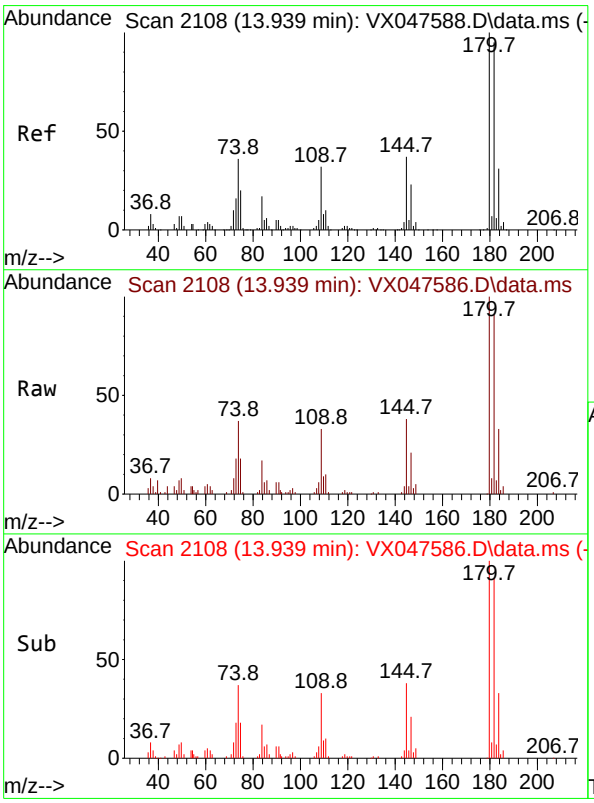
#95
Naphthalene
Concen: 4.808 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:128 Resp: 49257

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.1	8.8	13.2

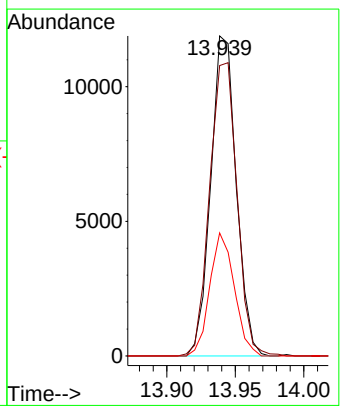




#96
1,2,3-Trichlorobenzene
Concen: 4.921 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047586.D
Acq: 16 Sep 2025 10:16

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



Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:49:22 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	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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Sep 22 01:49:22 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)
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	76996	26.858	ug/l		89
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

Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:49:22 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)

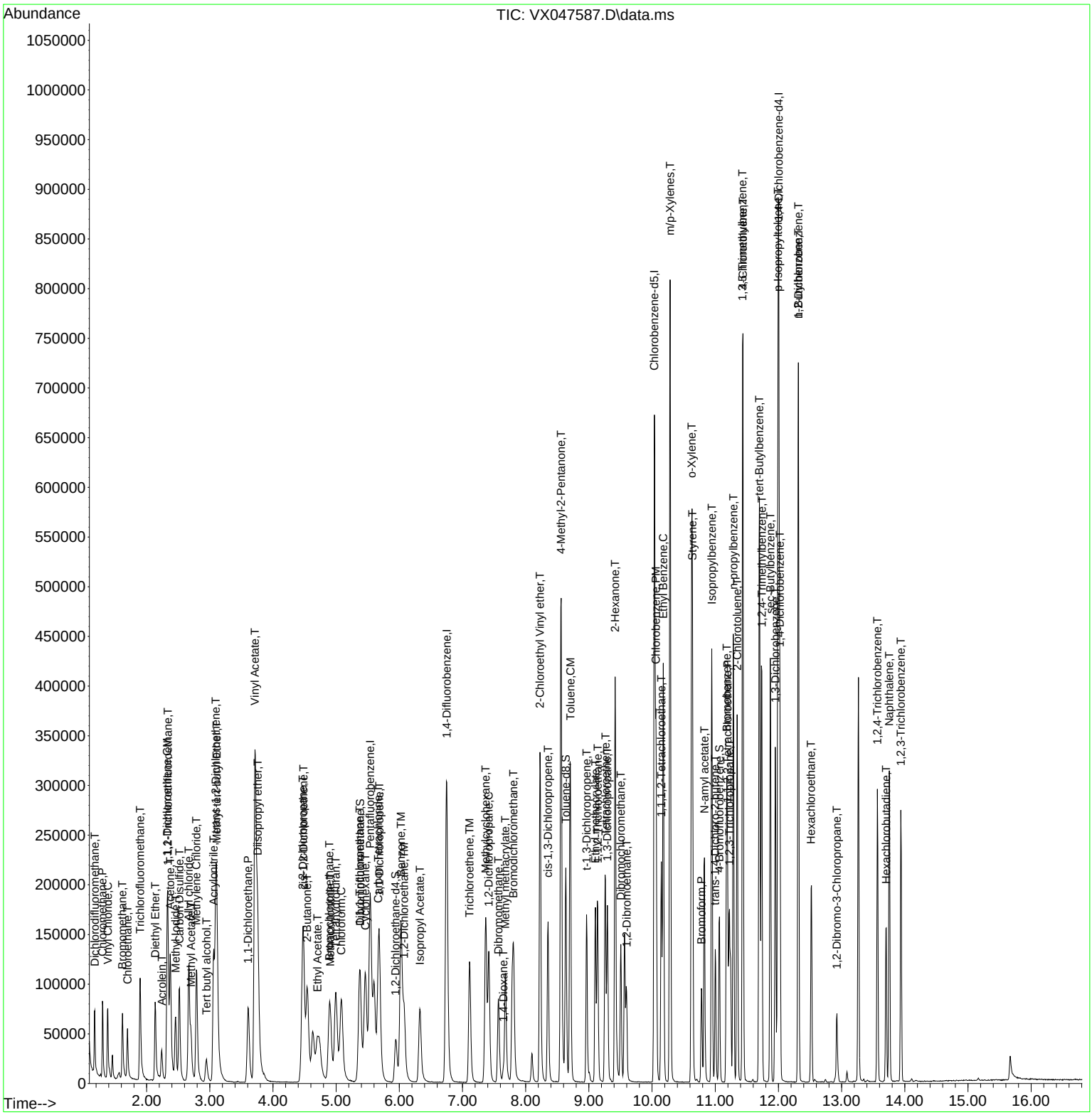
(#) = qualifier out of range (m) = manual integration (+) = signals summed

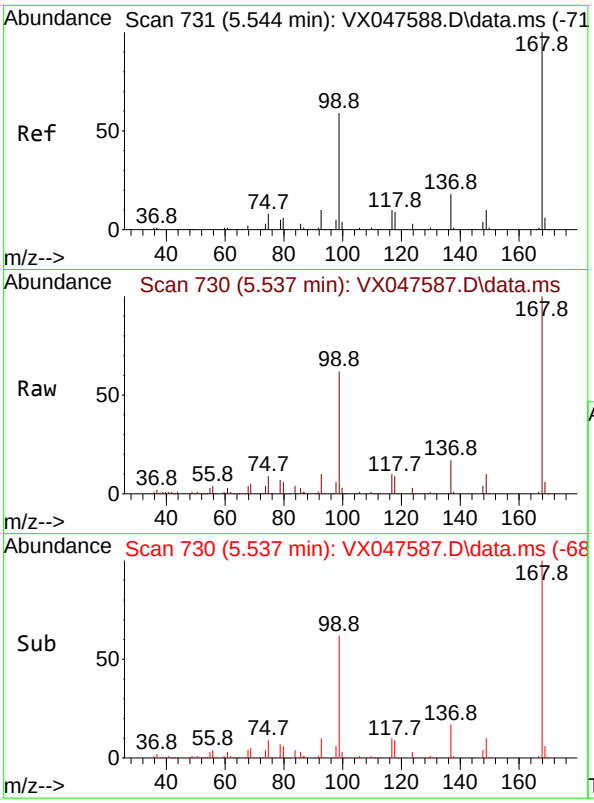
Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:49:22 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



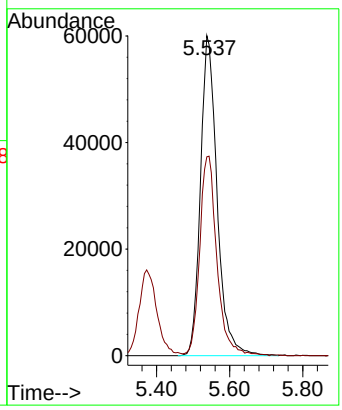


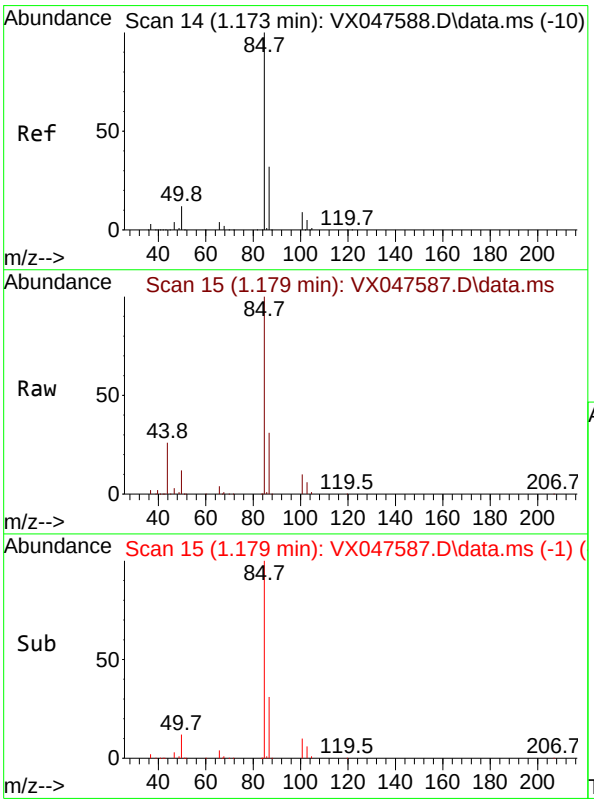
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 7
Delta R.T. -0.007 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 189559

Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.8	73.2

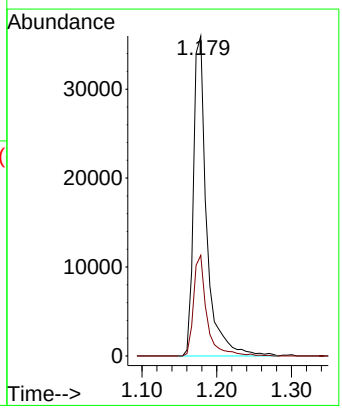


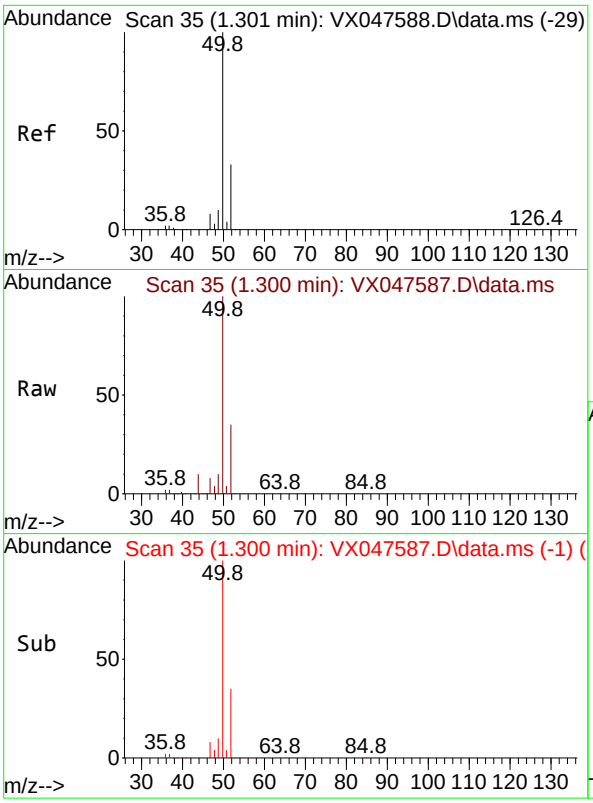


#2
Dichlorodifluoromethane
Concen: 22.480 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 85 Resp: 44126

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3



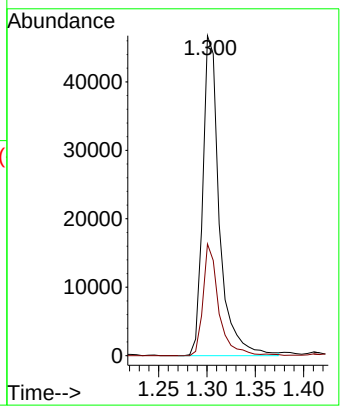


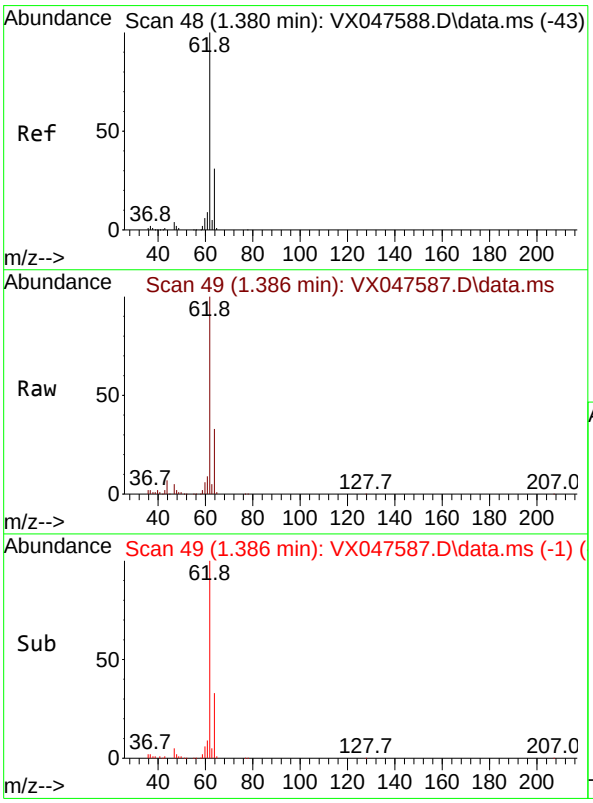
#3
Chloromethane
Concen: 21.716 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 56023

Ion	Ratio	Lower	Upper
50	100		
52	34.9	26.1	39.1

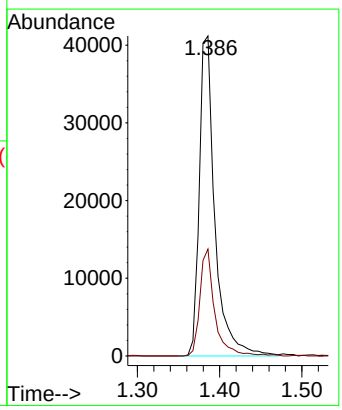


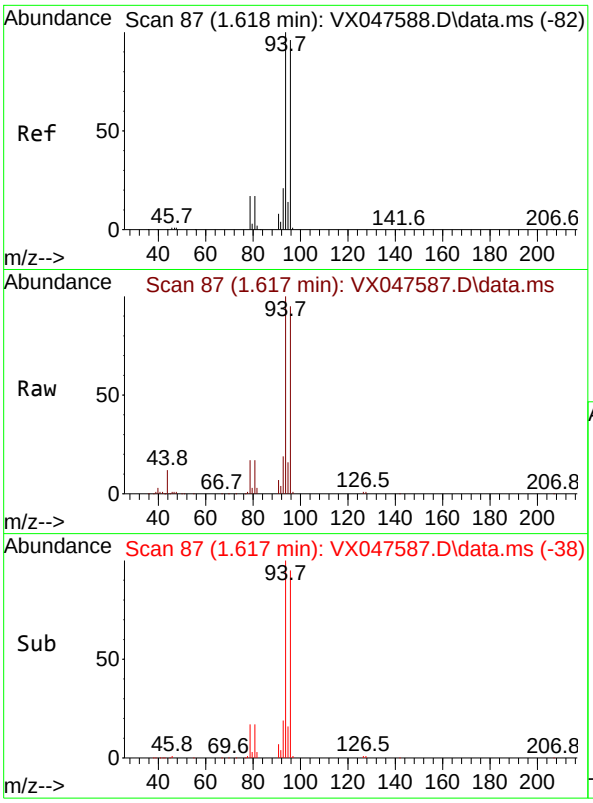


#4
Vinyl Chloride
Concen: 21.485 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 54256

Ion	Ratio	Lower	Upper
62	100		
64	33.4	24.9	37.3



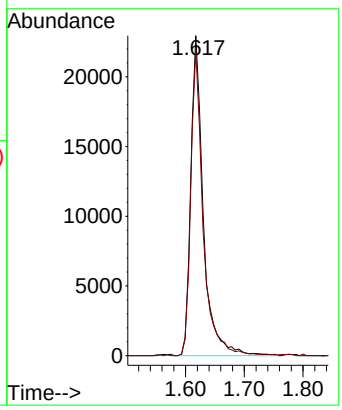


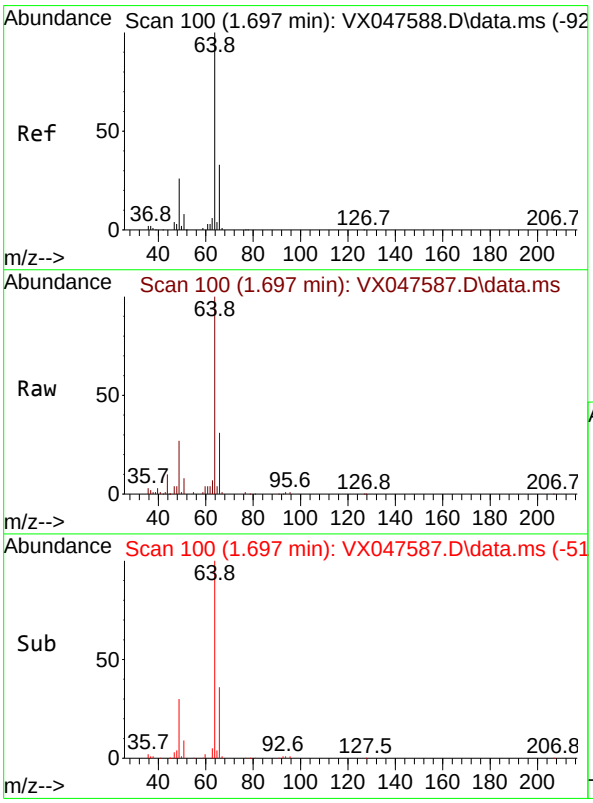
#5
Bromomethane
Concen: 21.353 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 94 Resp: 34193

Ion	Ratio	Lower	Upper
94	100		
96	95.3	76.6	115.0

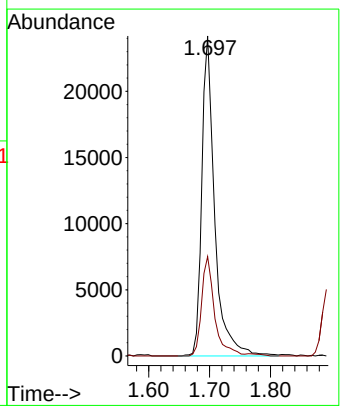


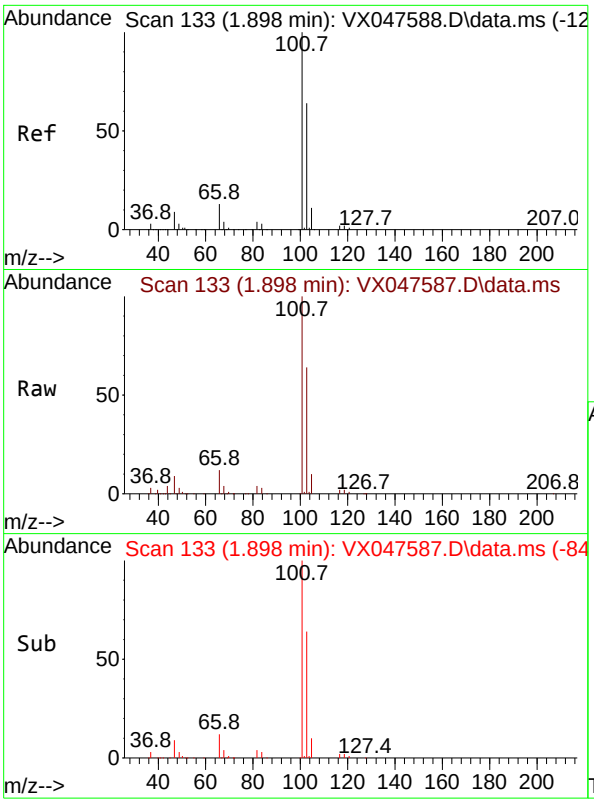


#6
Chloroethane
Concen: 21.063 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 64 Resp: 35551

Ion	Ratio	Lower	Upper
64	100		
66	31.0	26.1	39.1



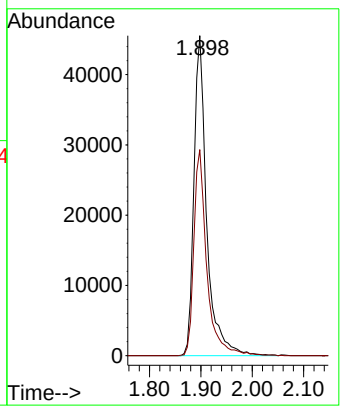


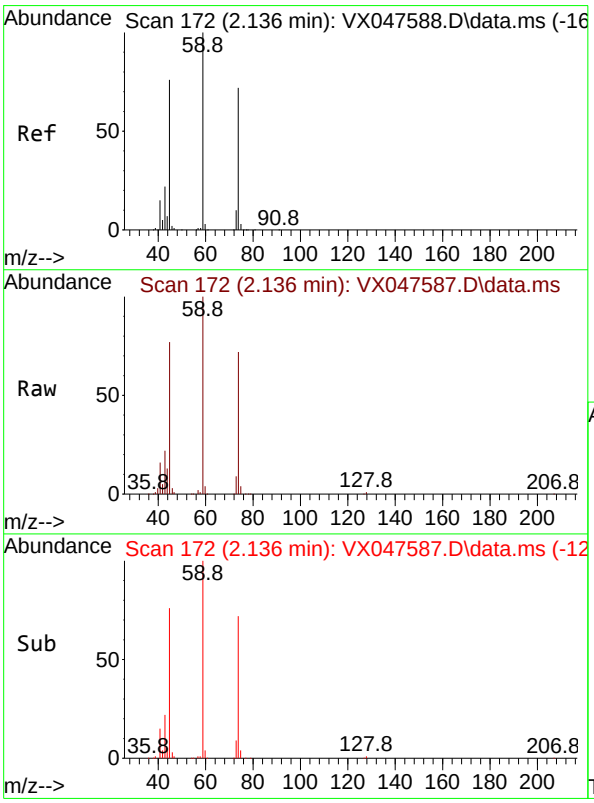
#7
Trichlorofluoromethane
Concen: 20.980 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 78667

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2

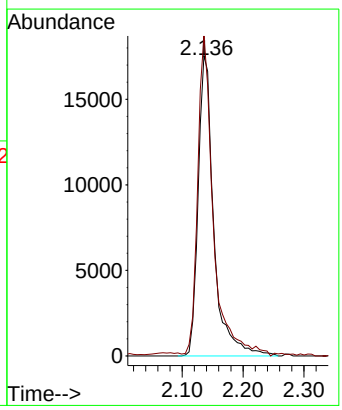


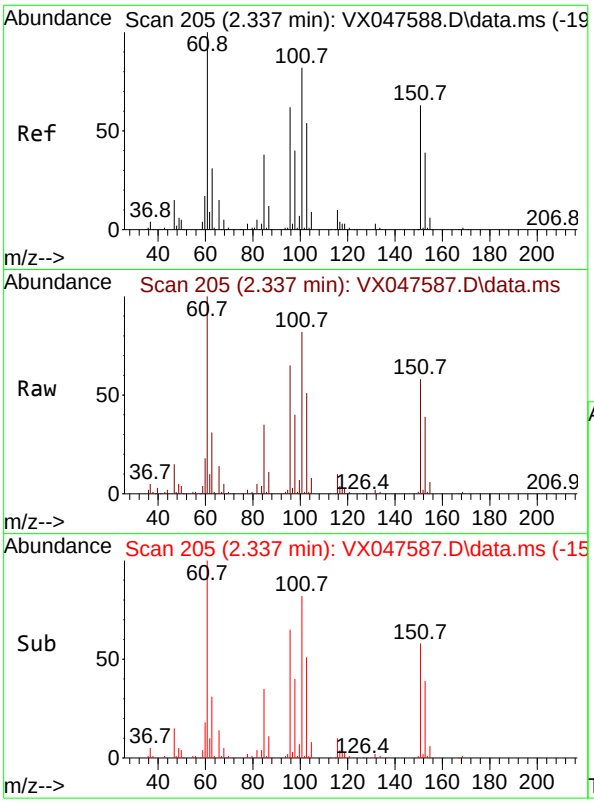


#8
Diethyl Ether
Concen: 20.429 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 74 Resp: 31335

Ion	Ratio	Lower	Upper
74	100		
45	107.0	52.3	156.8



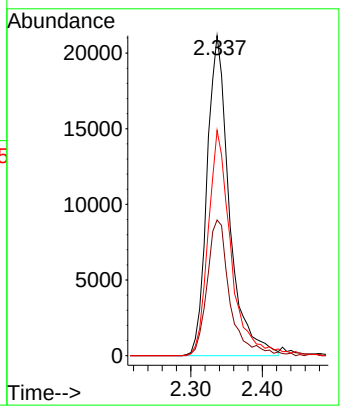


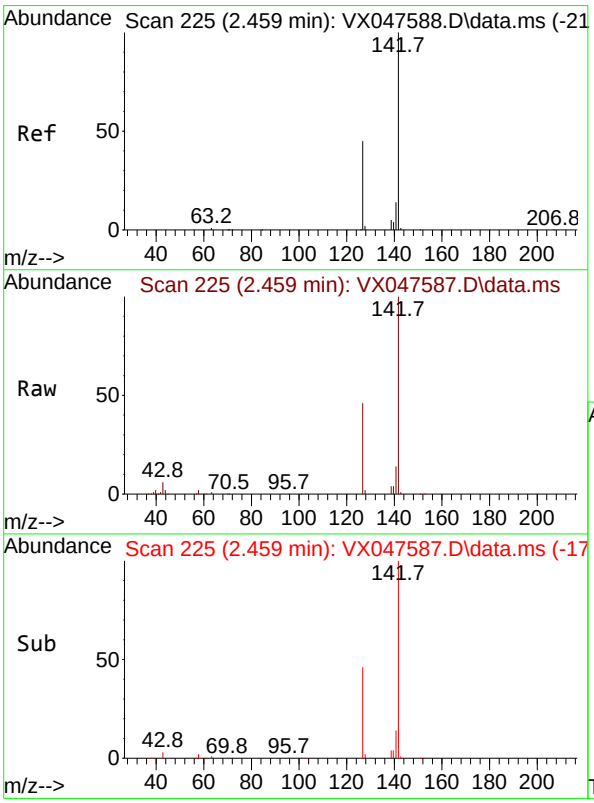
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.859 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 45733

Ion	Ratio	Lower	Upper
101	100		
85	43.6	35.5	53.3
151	72.1	59.4	89.0

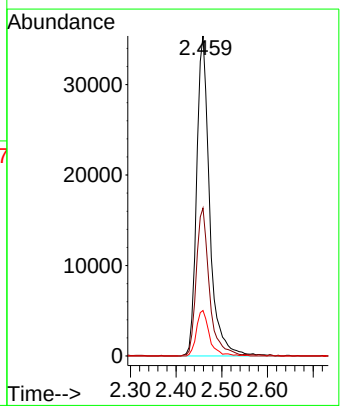


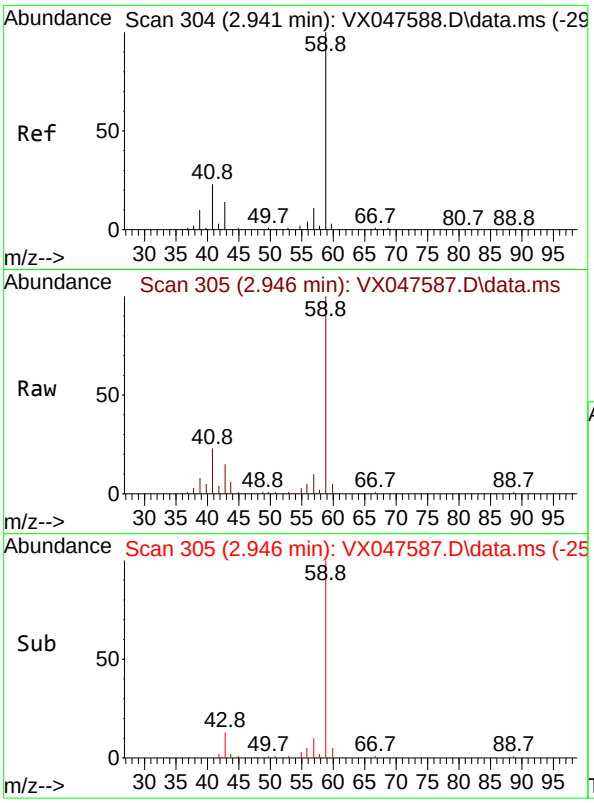


#10
Methyl Iodide
Concen: 20.452 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



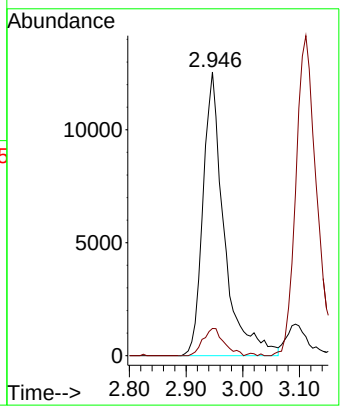


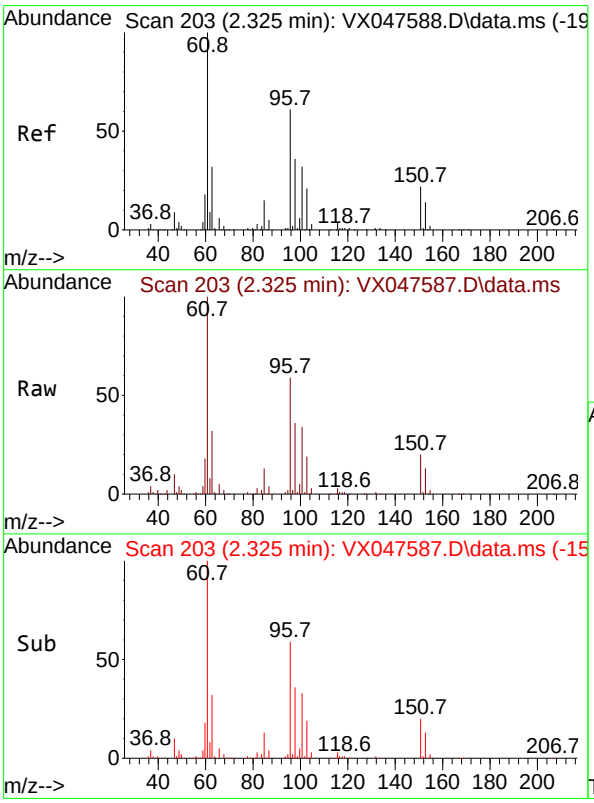
#11
Tert butyl alcohol
Concen: 96.582 ug/l
RT: 2.946 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 59 Resp: 32456

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5

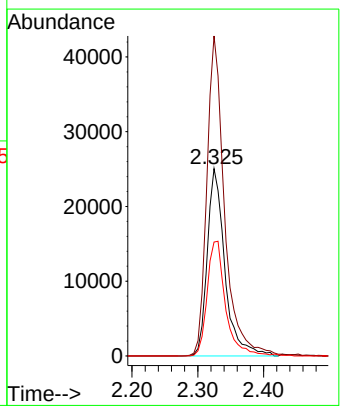


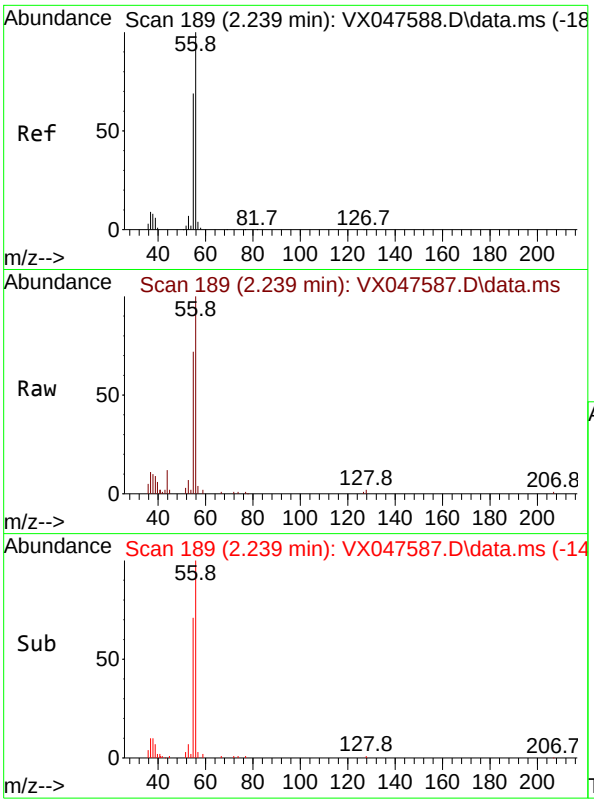


#12
1,1-Dichloroethene
Concen: 20.808 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



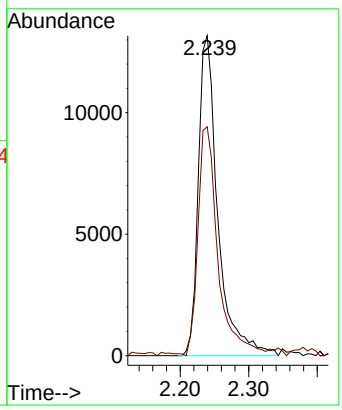


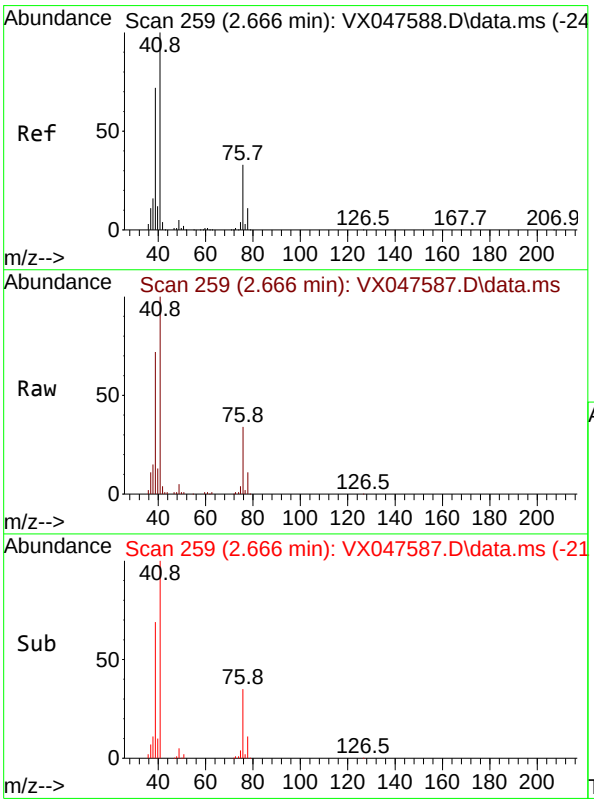
#13
Acrolein
Concen: 84.473 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 26159

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8

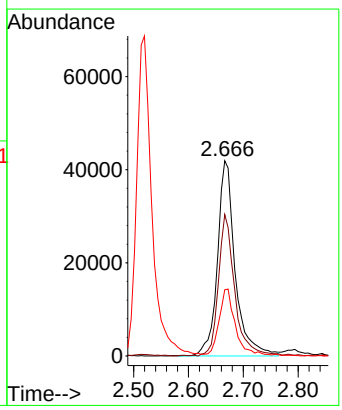


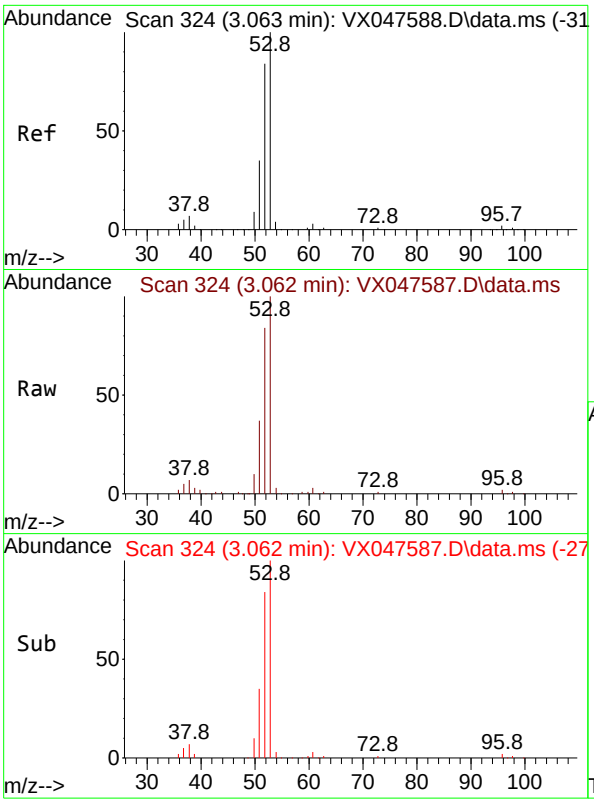


#14
Allyl chloride
Concen: 20.379 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



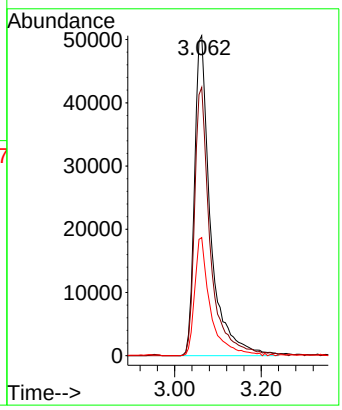


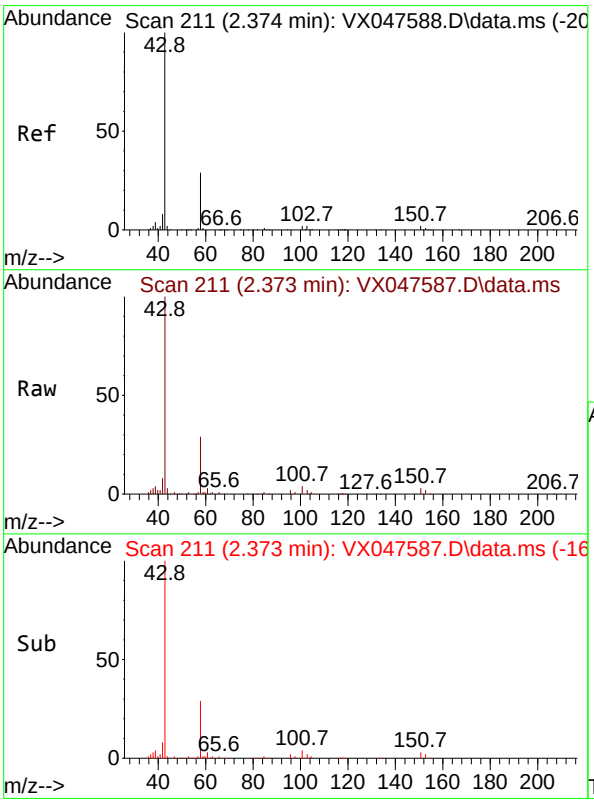
#15
Acrylonitrile
Concen: 104.554 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 53 Resp: 130143

Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.4	99.6
51	36.2	29.5	44.3

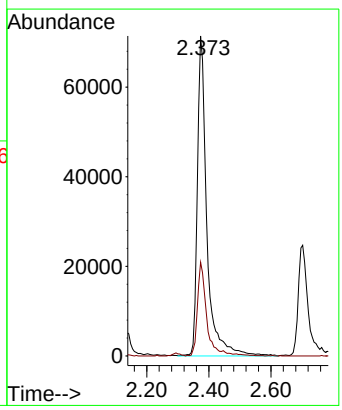


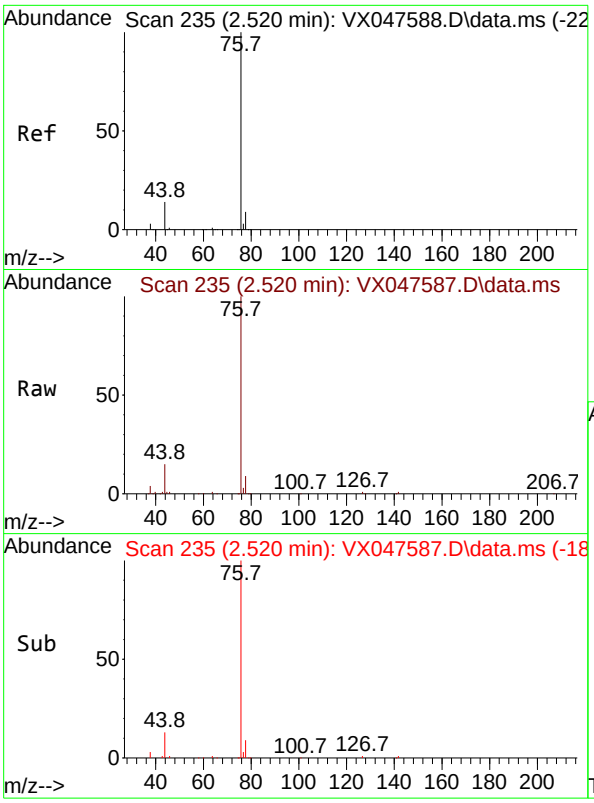


#16
Acetone
Concen: 115.507 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 151538

Ion	Ratio	Lower	Upper
43	100		
58	29.3	23.4	35.0



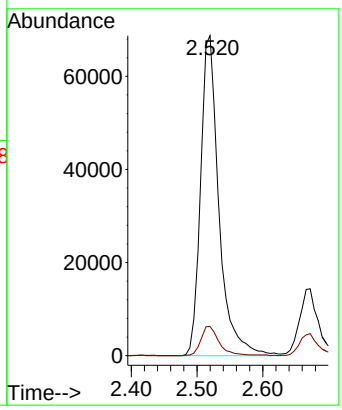


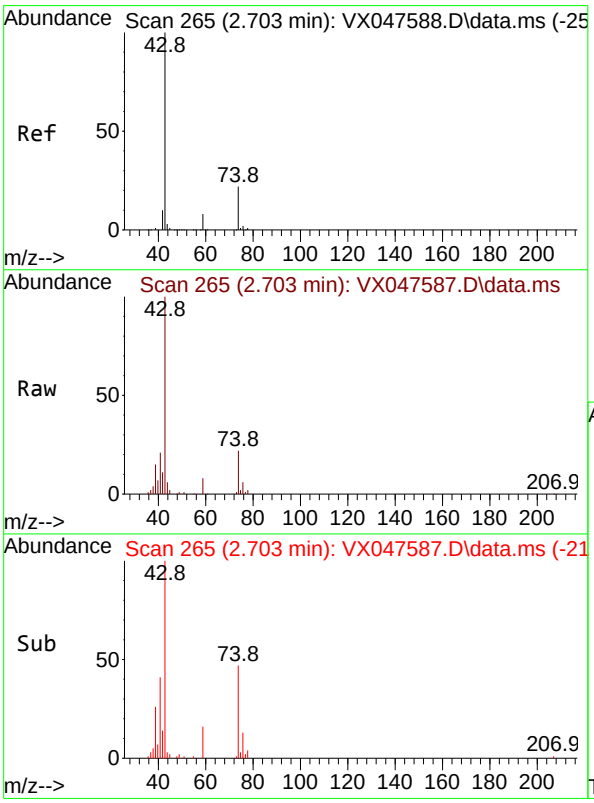
#17
Carbon Disulfide
Concen: 21.620 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 133296

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2

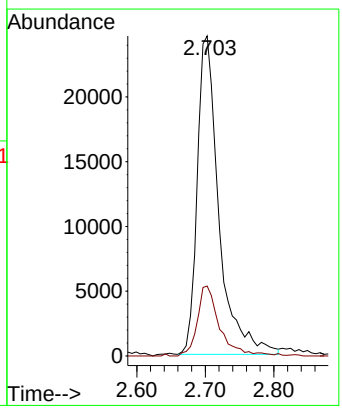


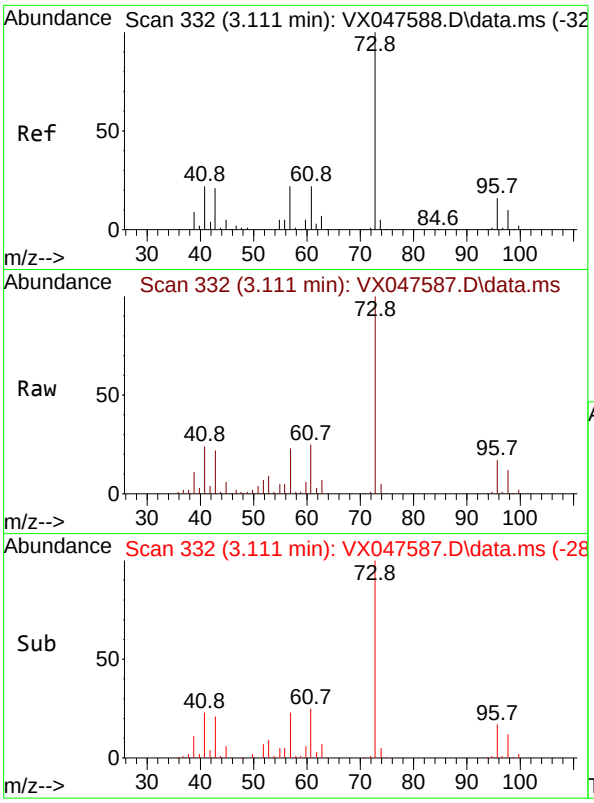


#18
Methyl Acetate
Concen: 18.536 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 43 Resp: 54120

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.4	26.2



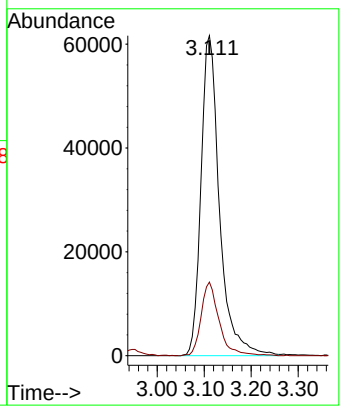


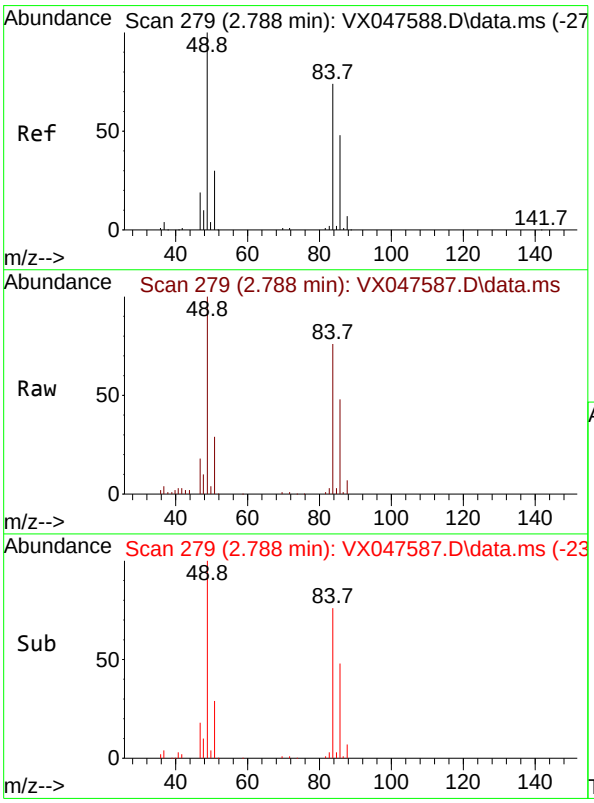
#19
Methyl tert-butyl Ether
Concen: 20.486 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 168426

Ion	Ratio	Lower	Upper
73	100		
57	23.0	17.4	26.2

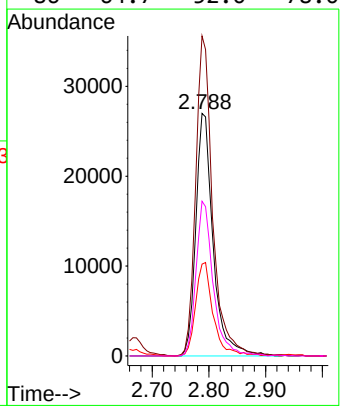


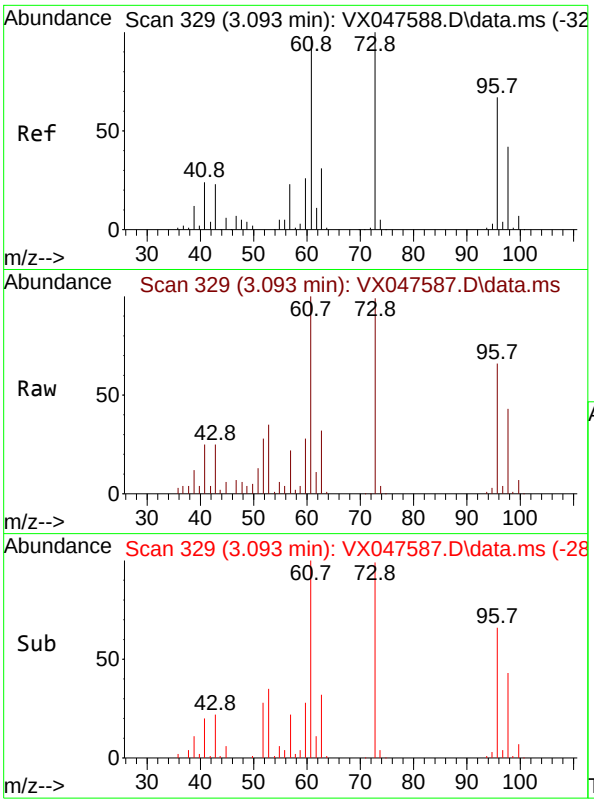


#20
Methylene Chloride
Concen: 20.581 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



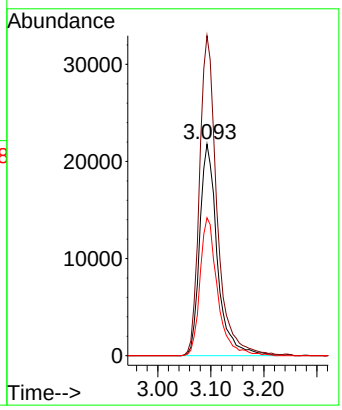


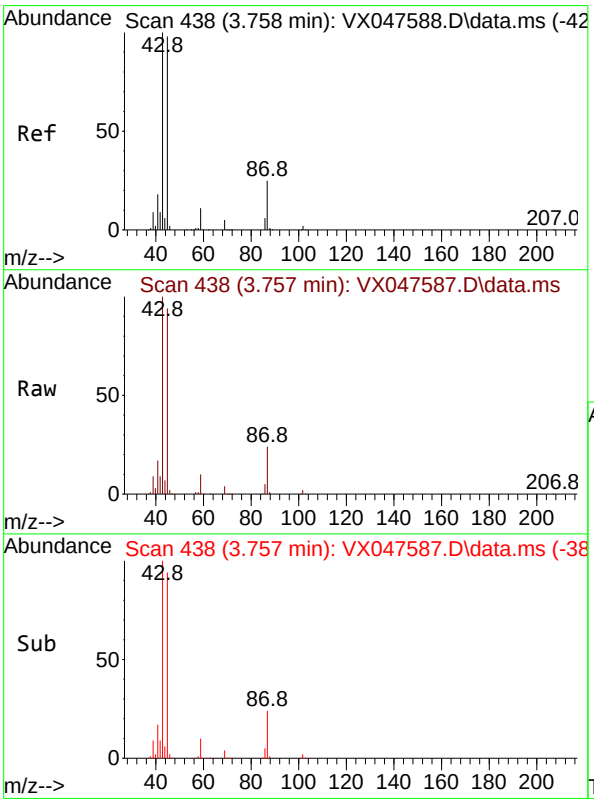
#21
trans-1,2-Dichloroethene
Concen: 20.791 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 50413

Ion	Ratio	Lower	Upper
96	100		
61	151.3	116.2	174.2
98	67.2	49.3	73.9

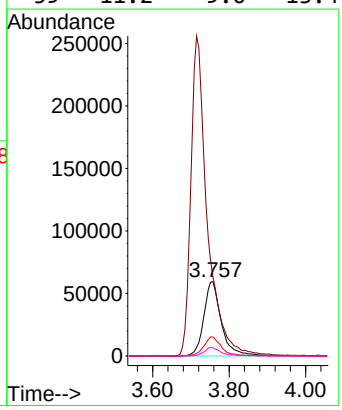


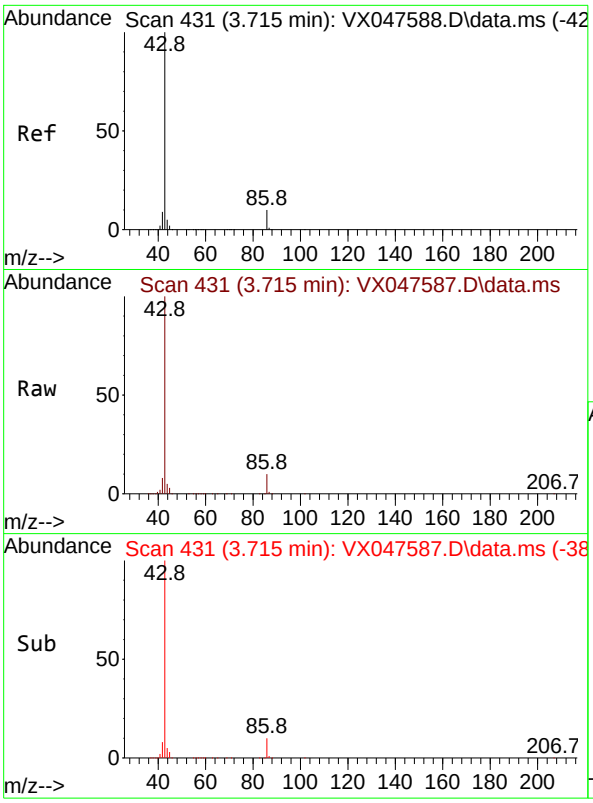


#22
Diisopropyl ether
Concen: 20.940 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



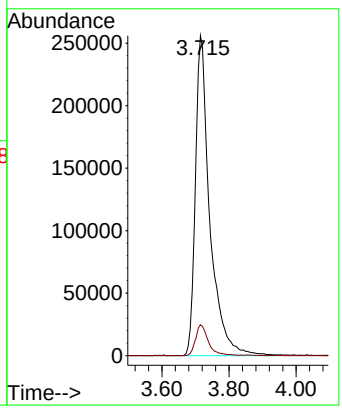


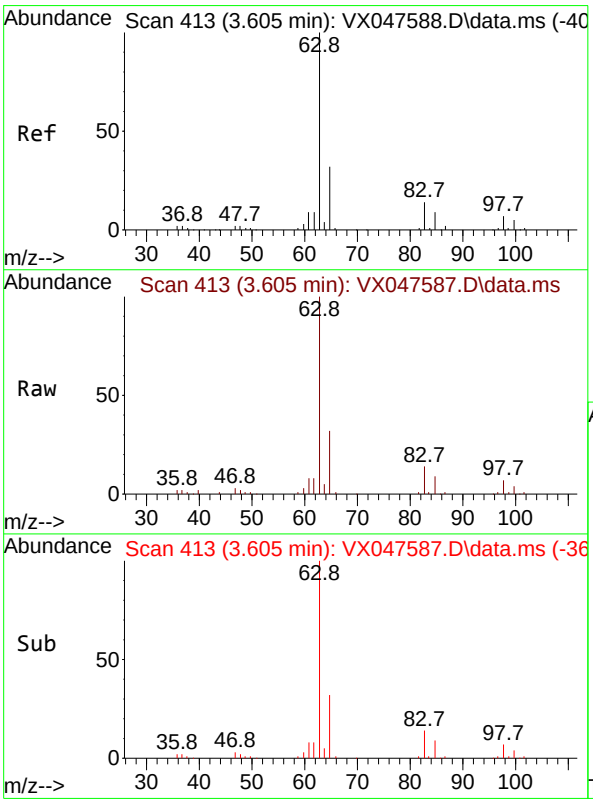
#23
Vinyl Acetate
Concen: 106.218 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 765675

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.8	11.8

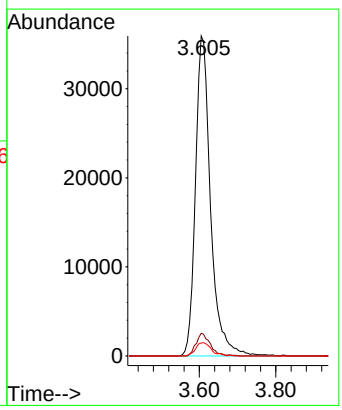


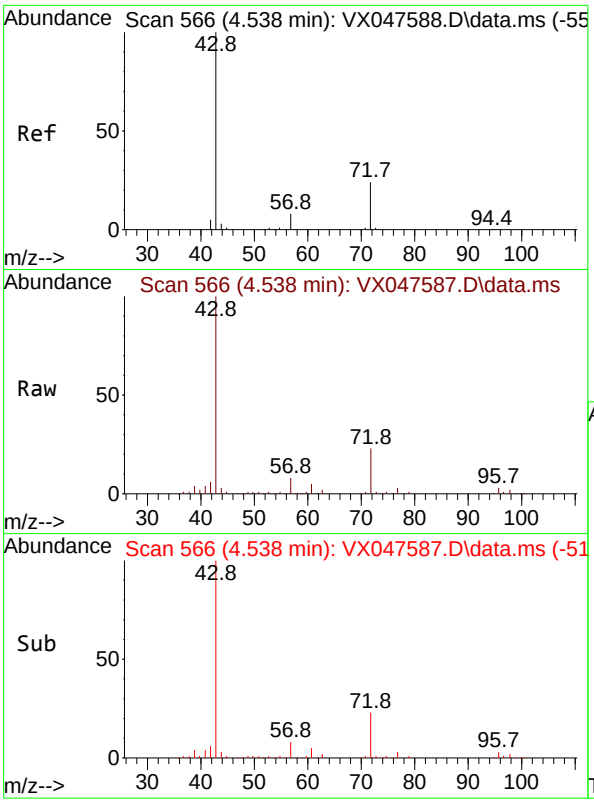


#24
1,1-Dichloroethane
Concen: 20.578 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



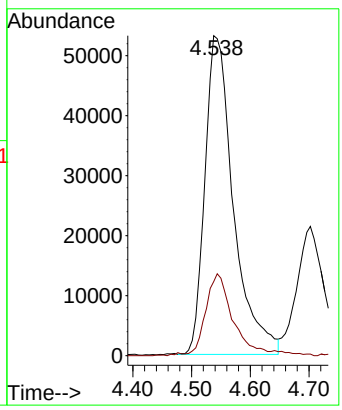


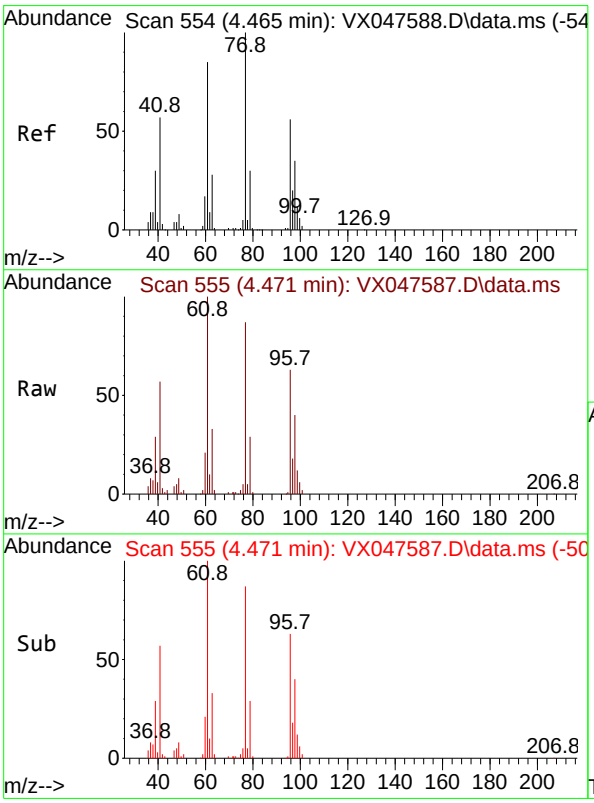
#25
2-Butanone
Concen: 109.679 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 179487

Ion	Ratio	Lower	Upper
43	100		
72	22.3	20.1	30.1

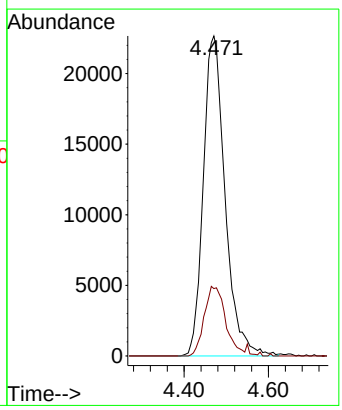


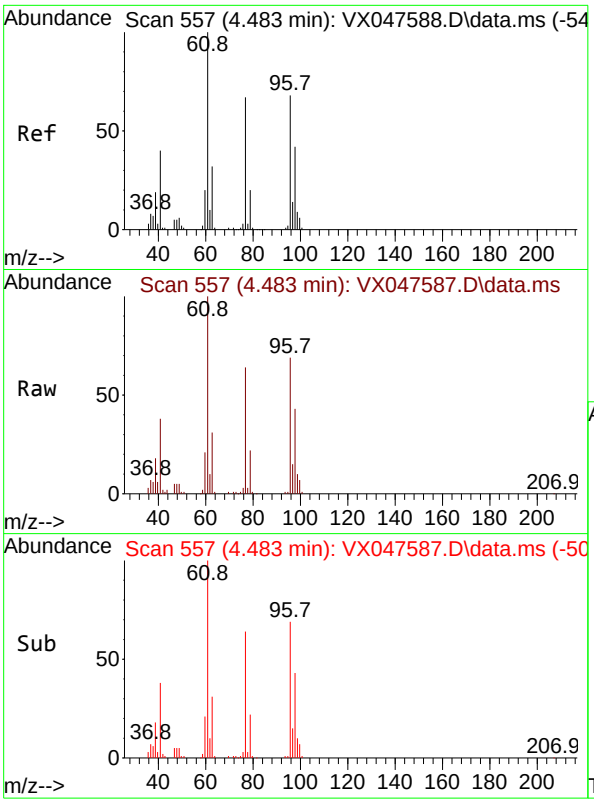


#26
2,2-Dichloropropane
Concen: 20.459 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 77 Resp: 81413

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.9	32.7



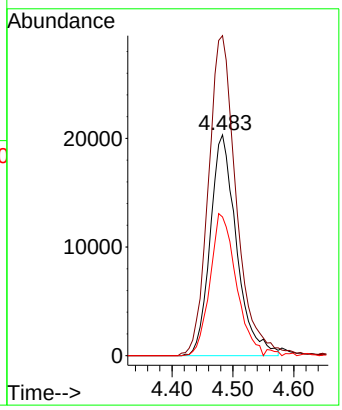


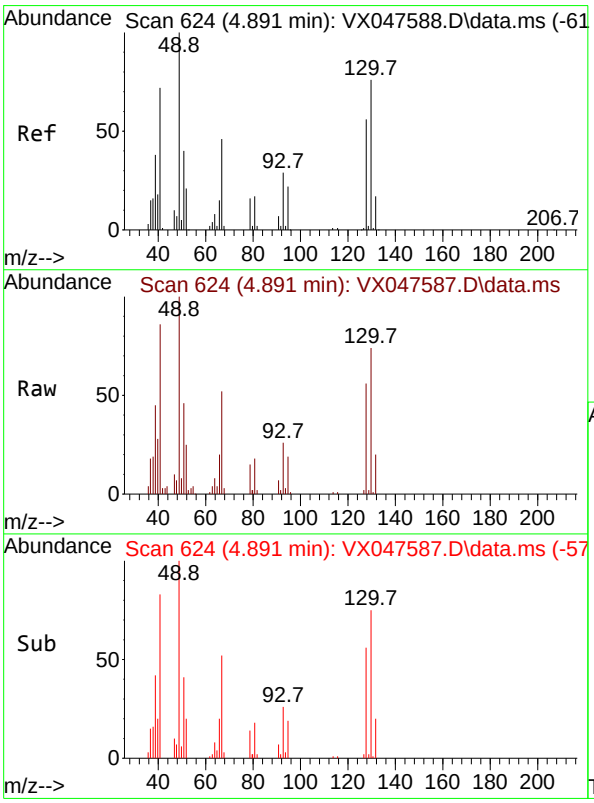
#27
cis-1,2-Dichloroethene
Concen: 20.497 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 96 Resp: 60865

Ion	Ratio	Lower	Upper
96	100		
61	154.8	0.0	303.2
98	63.7	0.0	127.8

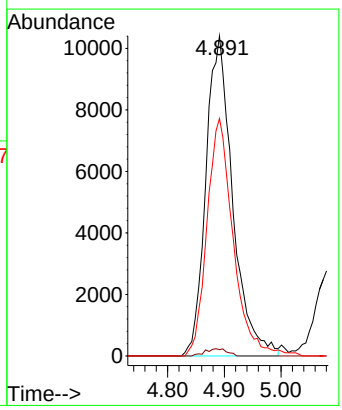


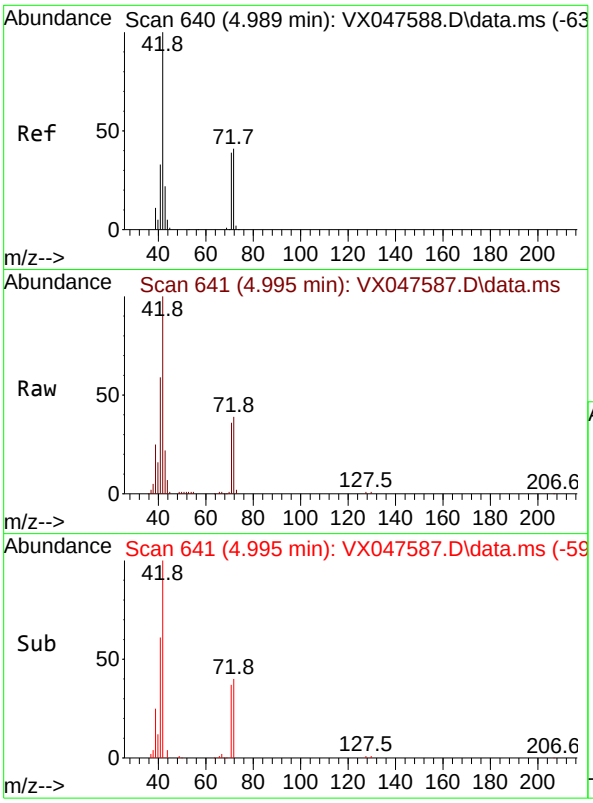


#28
Bromochloromethane
Concen: 16.309 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



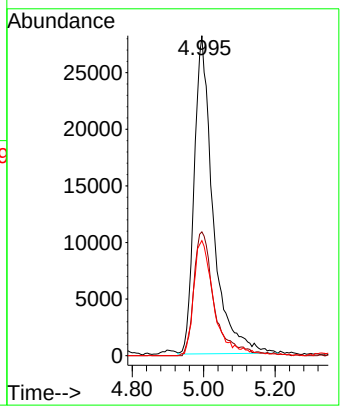


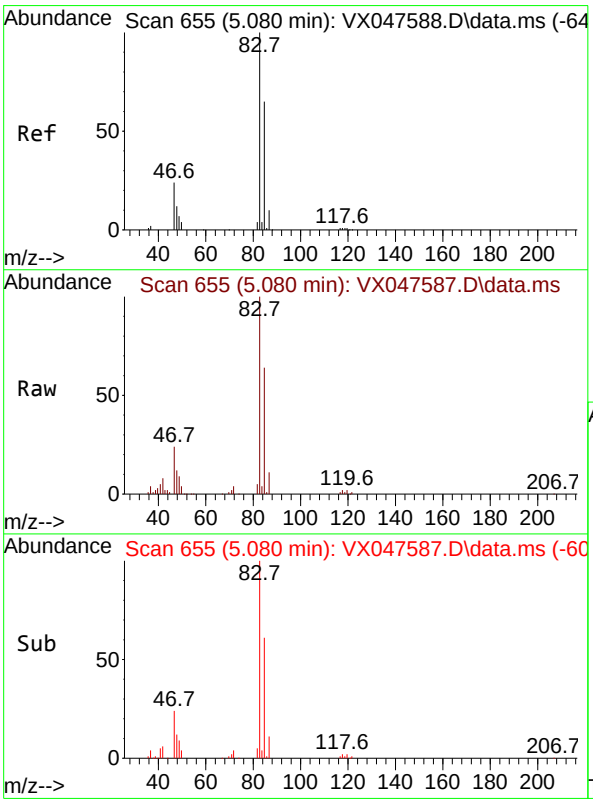
#29
Tetrahydrofuran
Concen: 104.560 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 42 Resp: 102935

Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.2	51.2
71	37.8	31.9	47.9

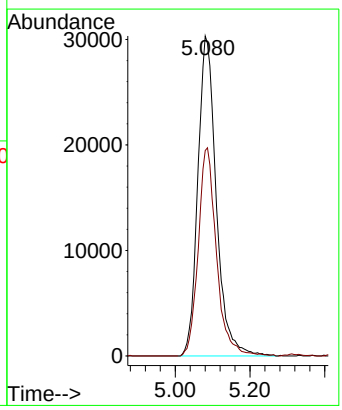


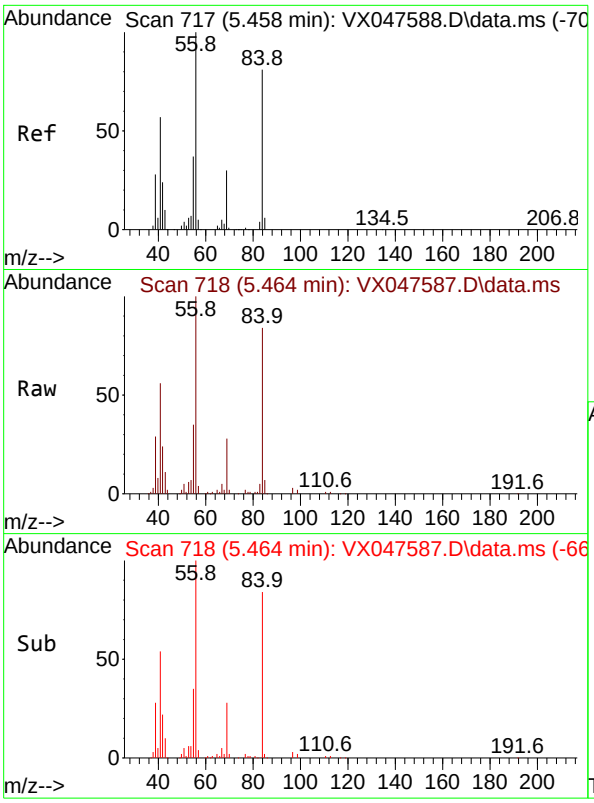


#30
Chloroform
Concen: 21.413 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 83 Resp: 103586

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6



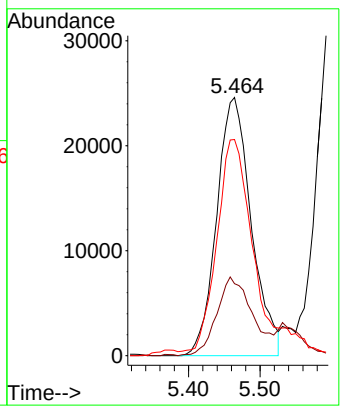


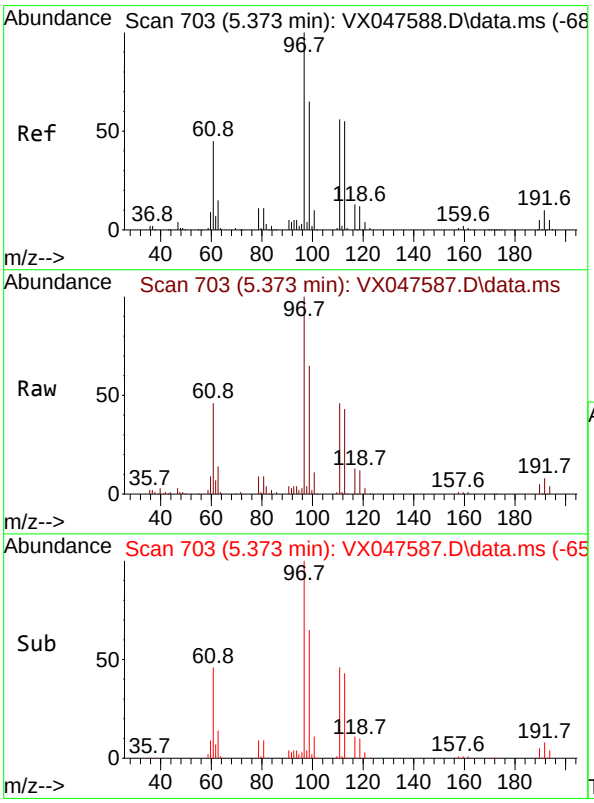
#31
Cyclohexane
Concen: 20.759 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 82770

Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.8	35.8
84	82.2	64.6	97.0

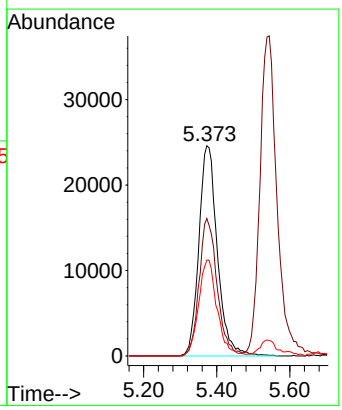


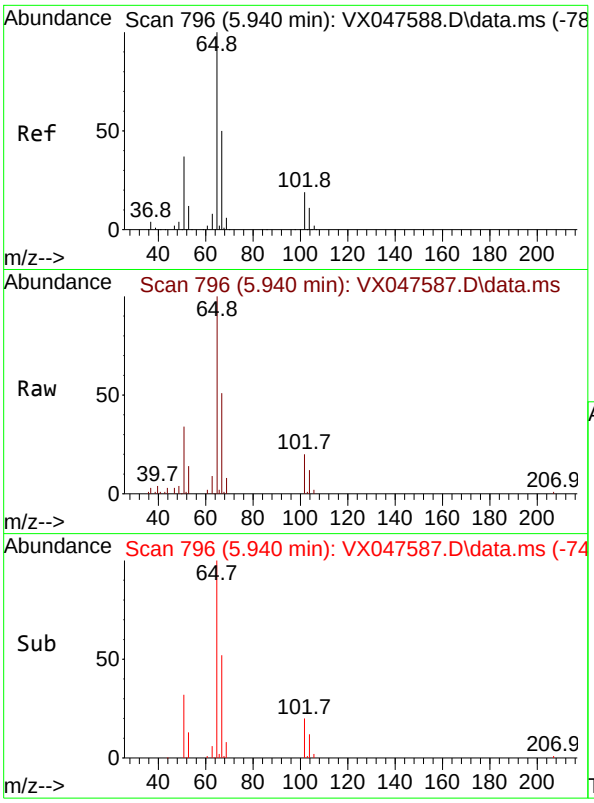


#32
1,1,1-Trichloroethane
Concen: 21.081 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



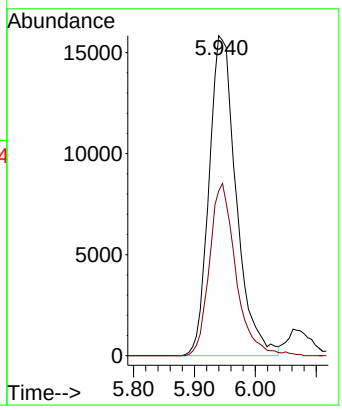


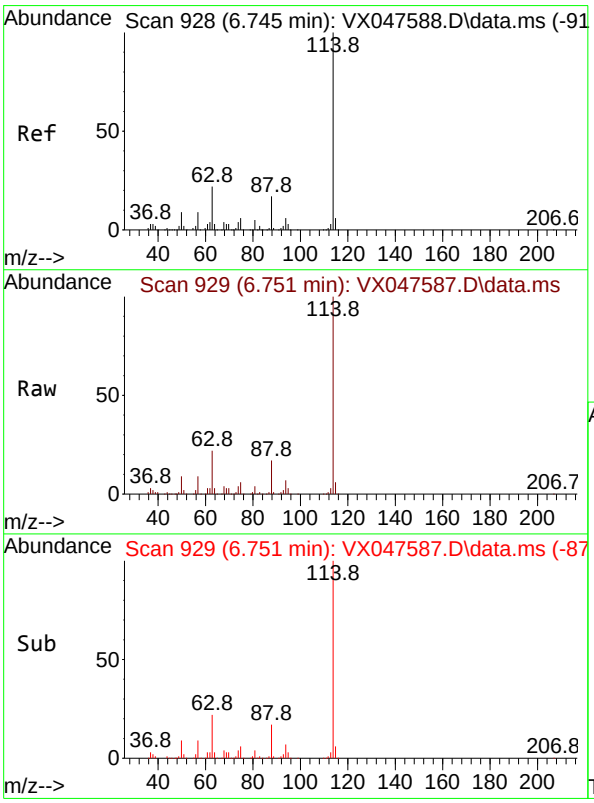
#33
1,2-Dichloroethane-d4
Concen: 16.264 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 65 Resp: 49073

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	103.0

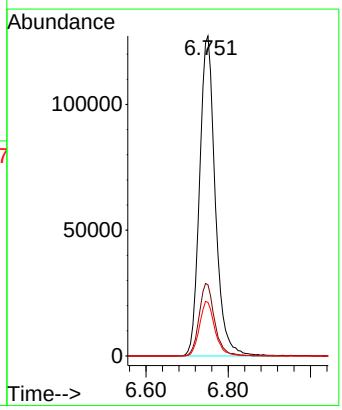


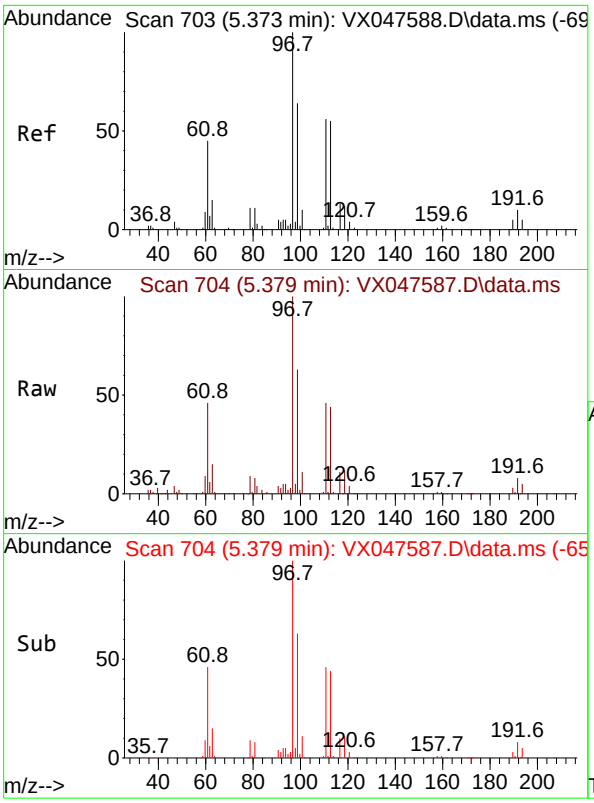


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



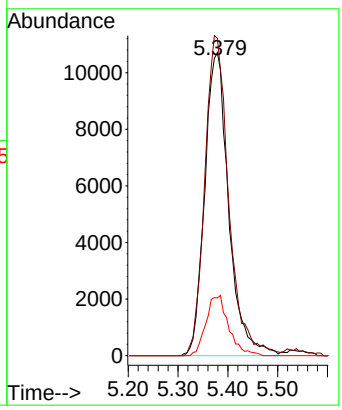


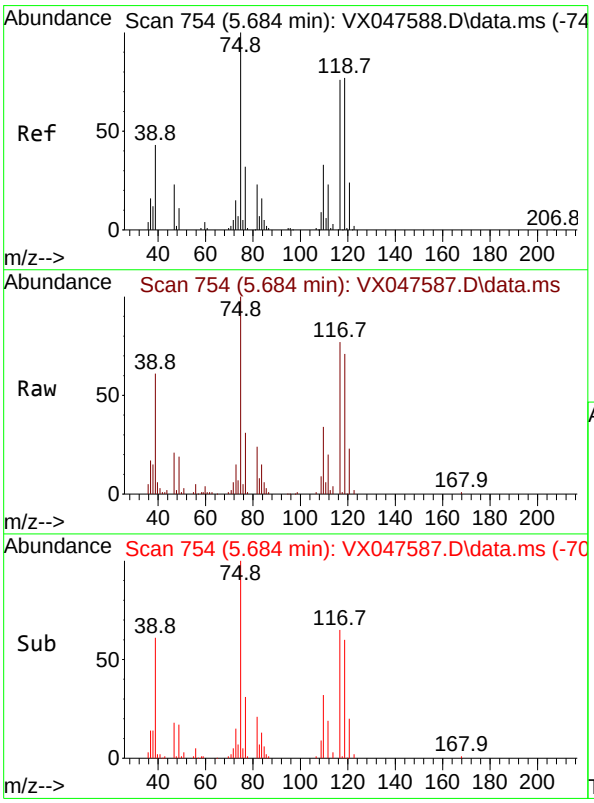
#35
Dibromofluoromethane
Concen: 15.868 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:113 Resp: 35788

Ion	Ratio	Lower	Upper
113	100		
111	105.7	80.9	121.3
192	18.8	14.2	21.4

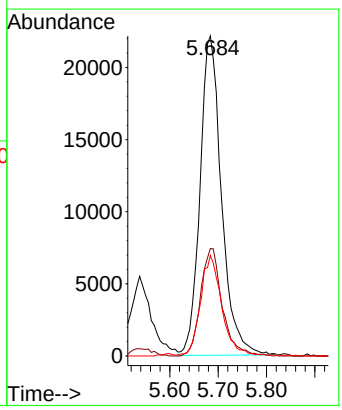


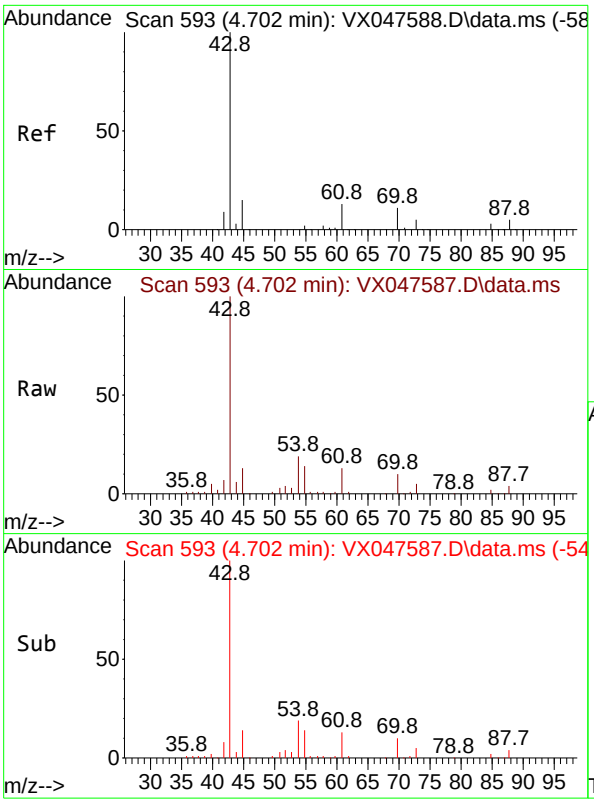


#36
1,1-Dichloropropene
Concen: 20.754 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



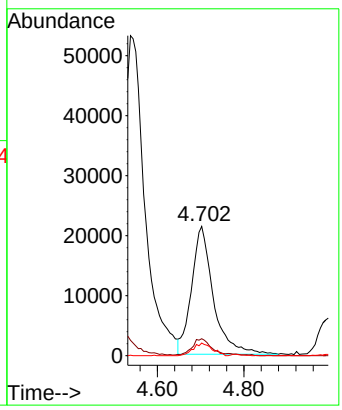


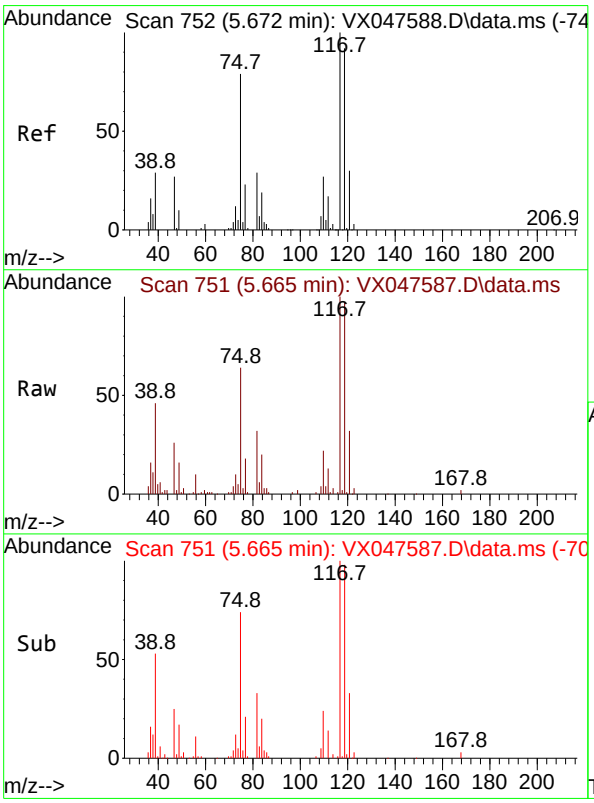
#37
Ethyl Acetate
Concen: 21.113 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 74499

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	8.5	7.9	11.9

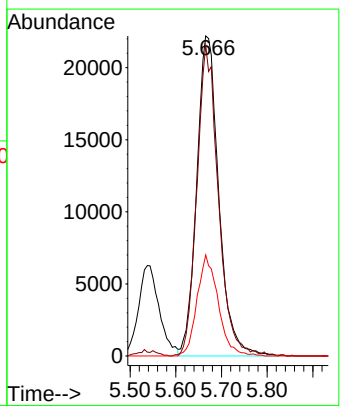


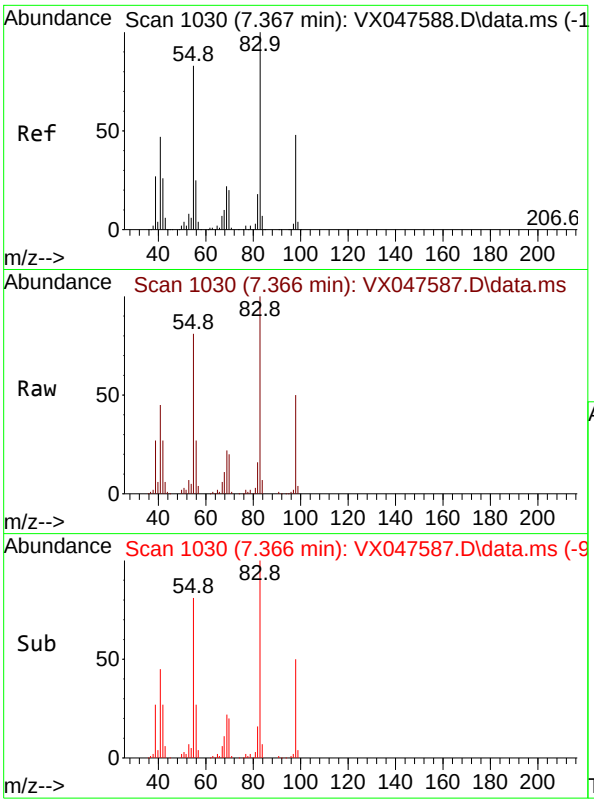


#38
Carbon Tetrachloride
Concen: 20.844 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



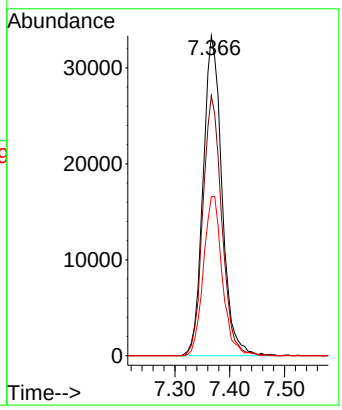


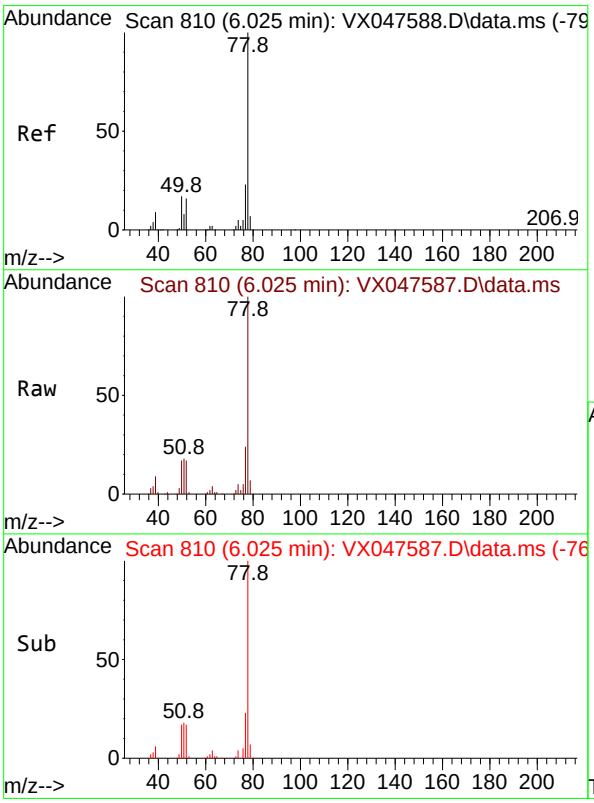
#39
Methylcyclohexane
Concen: 21.251 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 79499

Ion	Ratio	Lower	Upper
83	100		
55	81.2	66.4	99.6
98	49.6	38.1	57.1

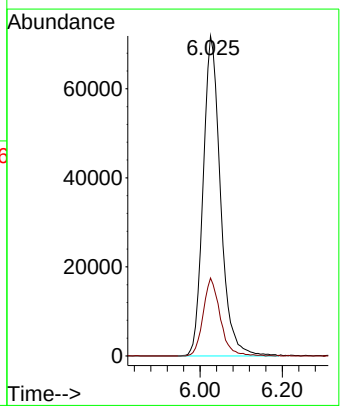


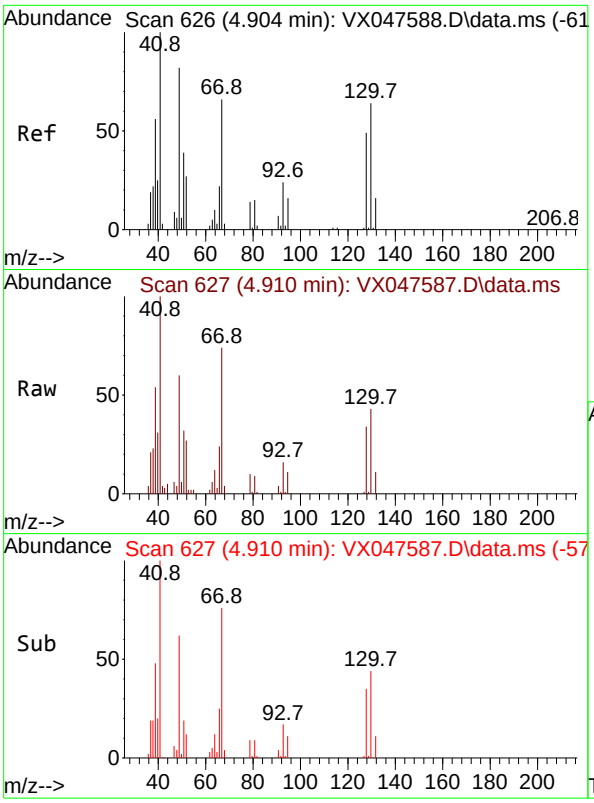


#40
Benzene
Concen: 21.051 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 78 Resp: 210711

Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2



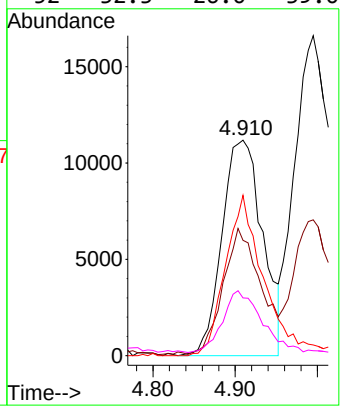


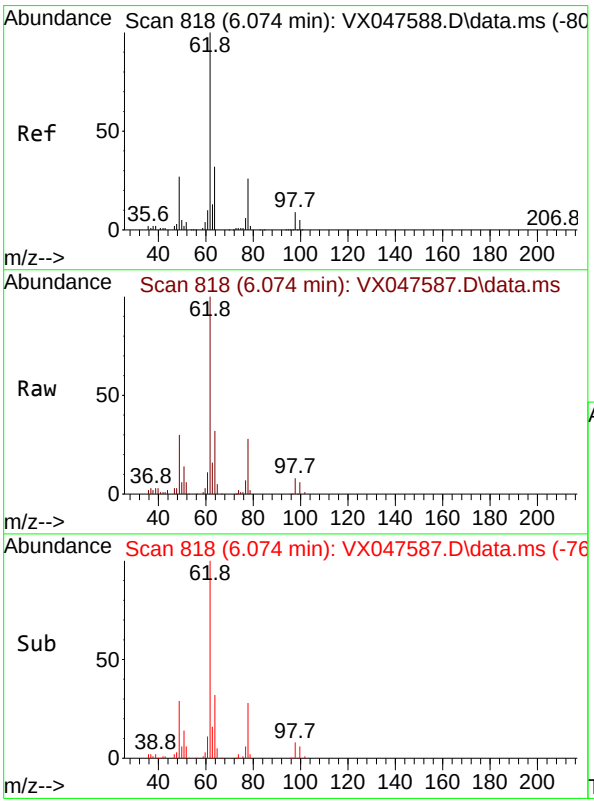
#41
Methacrylonitrile
Concen: 21.148 ug/l
RT: 4.910 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 38525

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

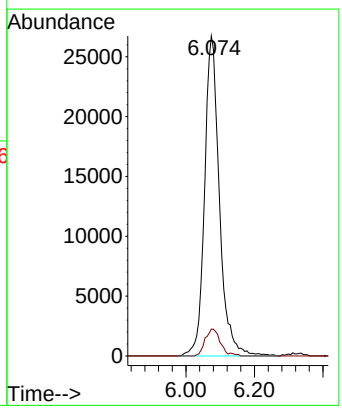


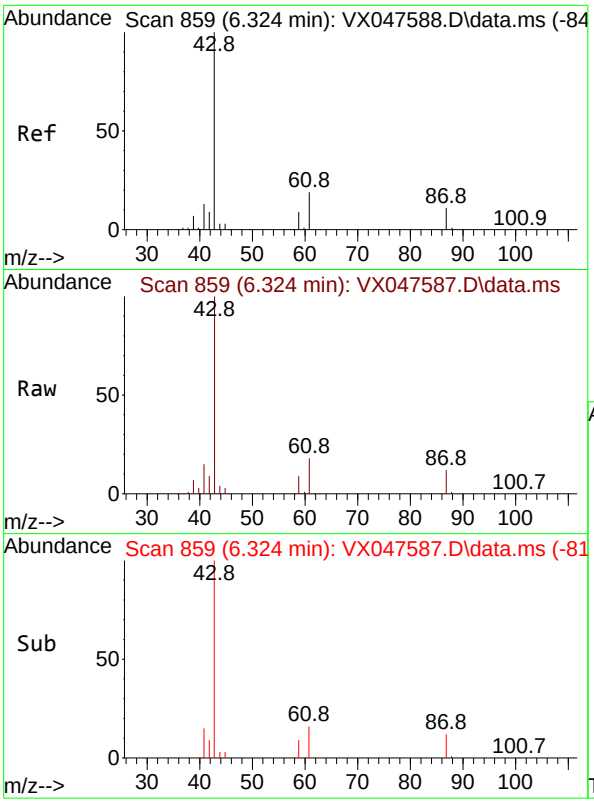


#42
1,2-Dichloroethane
Concen: 21.175 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 62 Resp: 80646

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



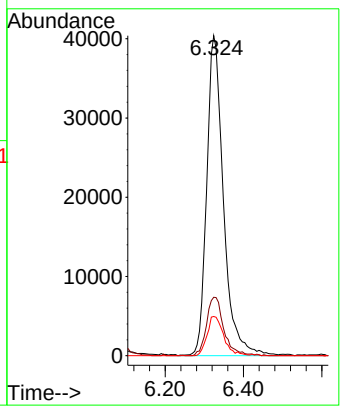


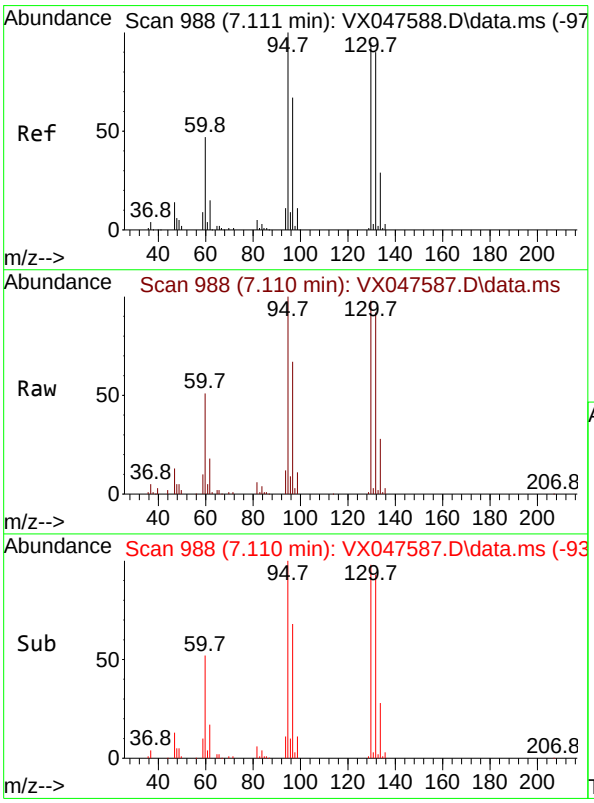
#43
Isopropyl Acetate
Concen: 20.670 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 119623

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.1	9.6	14.4

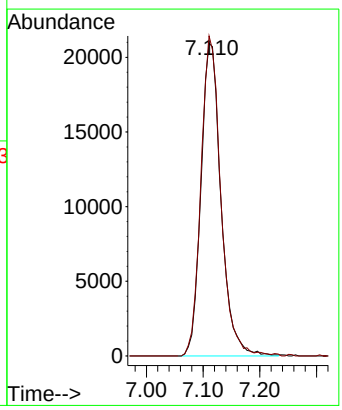


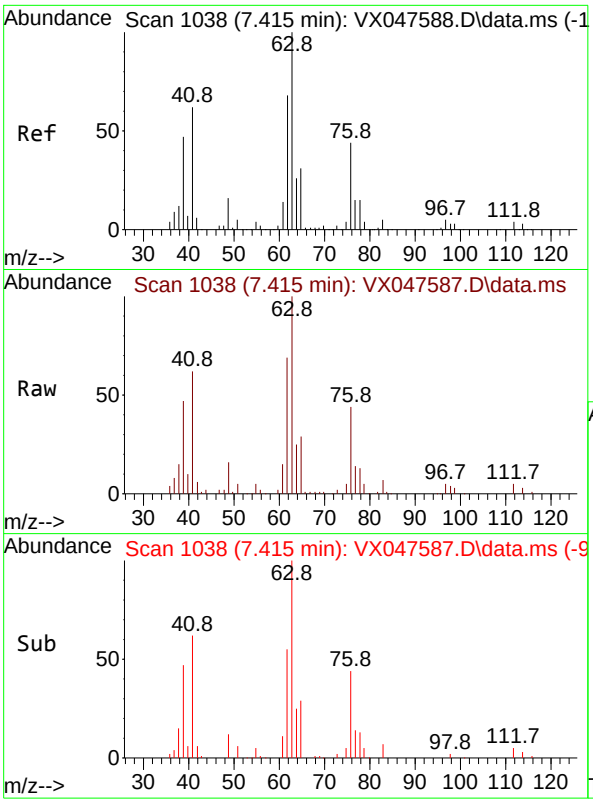


#44
Trichloroethene
Concen: 21.228 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:130 Resp: 51369

Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.8



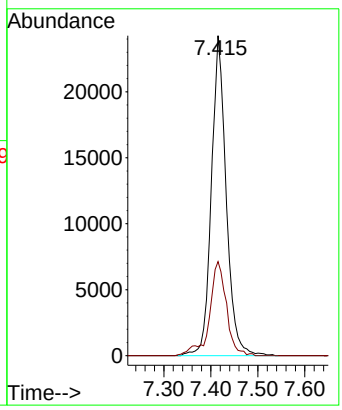


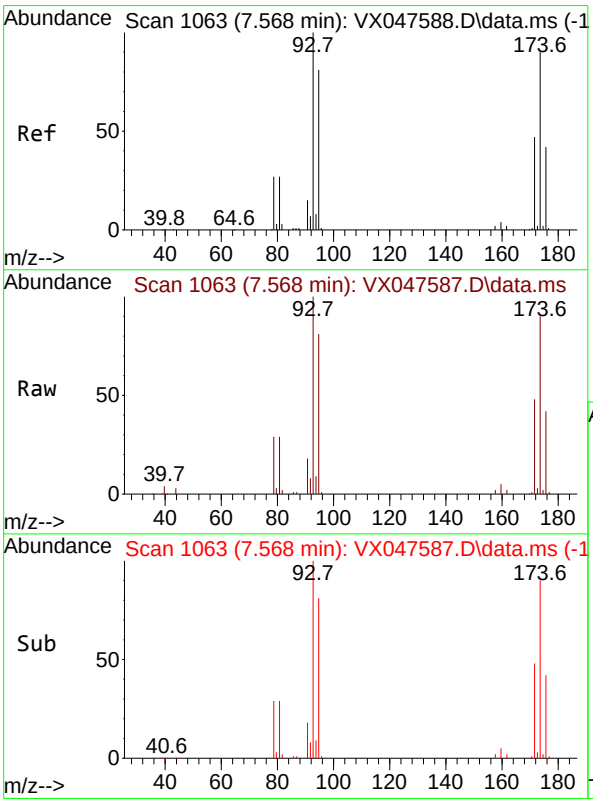
#45
1,2-Dichloropropane
Concen: 20.697 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 53046

Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.7	37.1

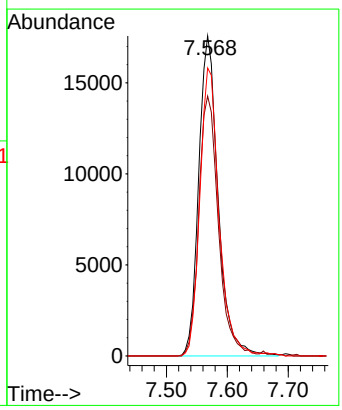


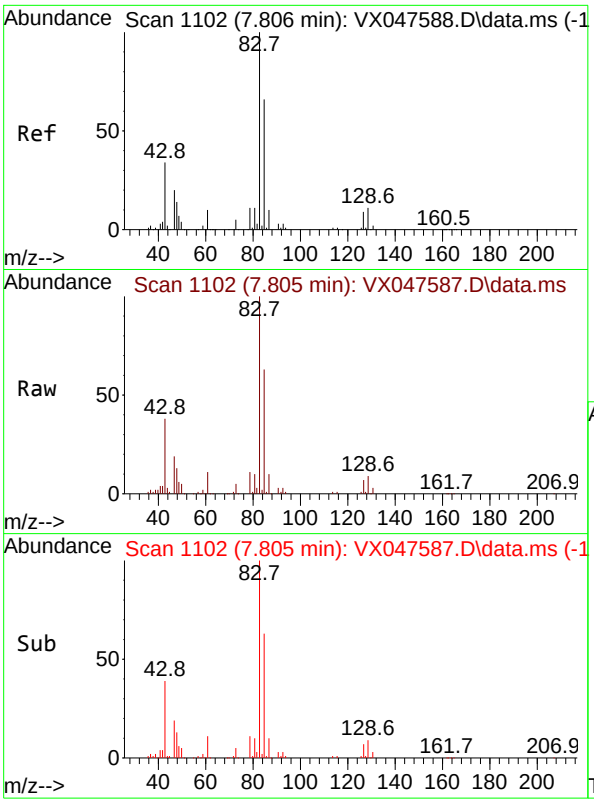


#46
Dibromomethane
Concen: 20.862 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



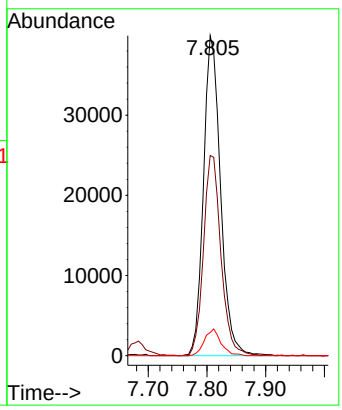


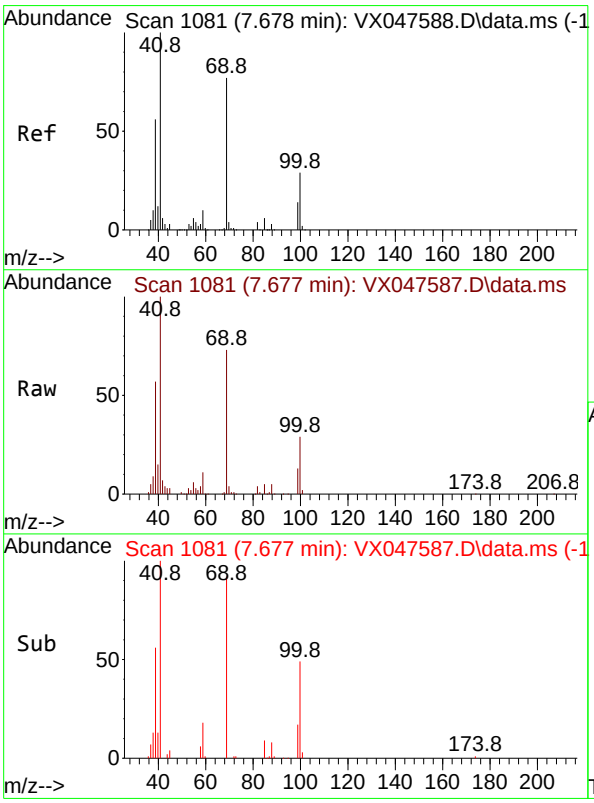
#47
Bromodichloromethane
Concen: 21.002 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 80831

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.2	6.9	10.3

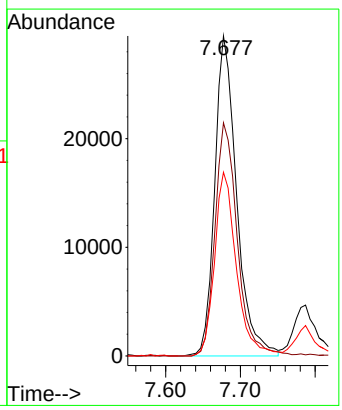


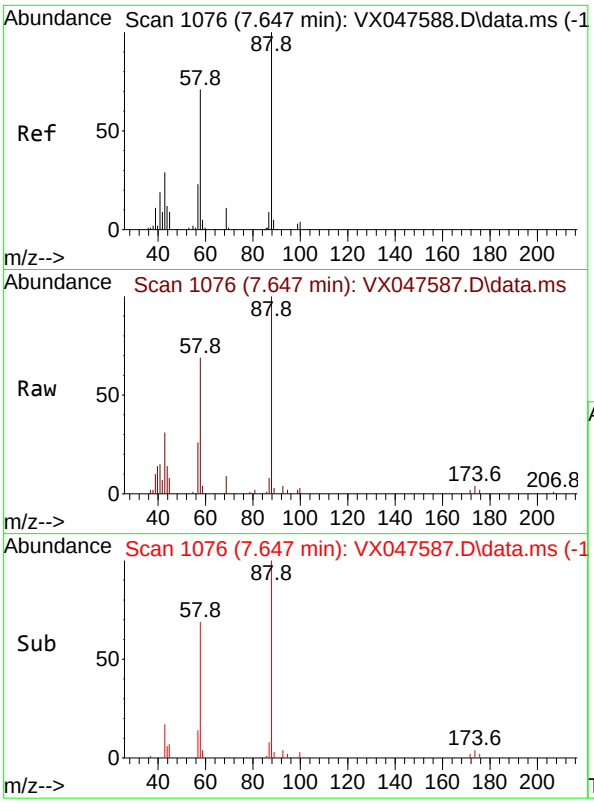


#48
Methyl methacrylate
Concen: 20.877 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



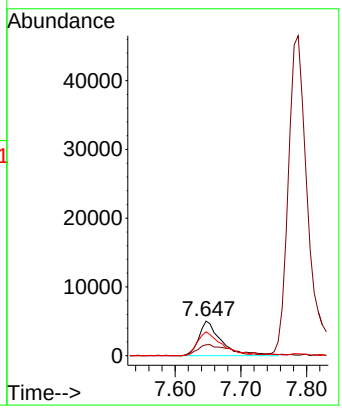


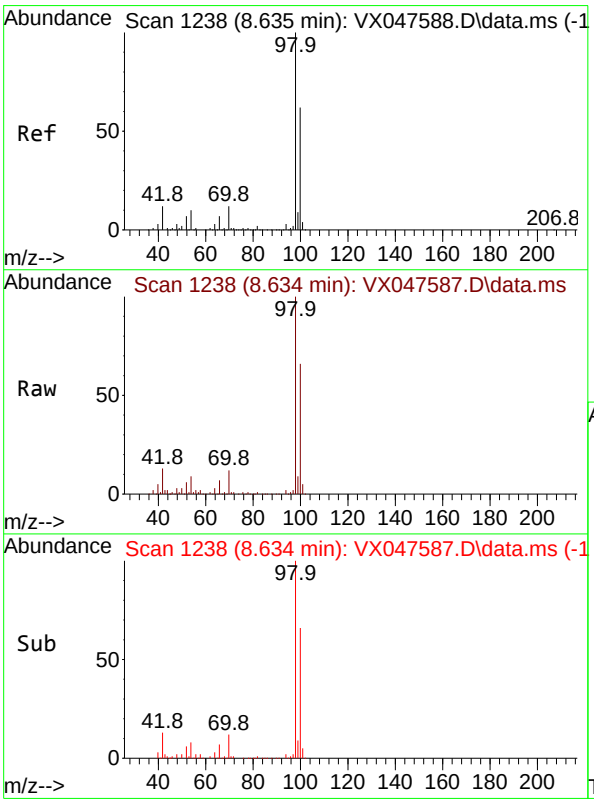
#49
1,4-Dioxane
Concen: 413.530 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 12047

Ion	Ratio	Lower	Upper
88	100		
43	44.7	30.2	45.2
58	75.8	59.5	89.3

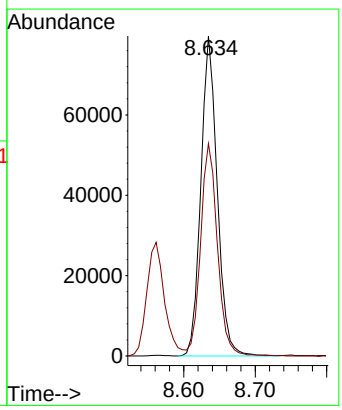


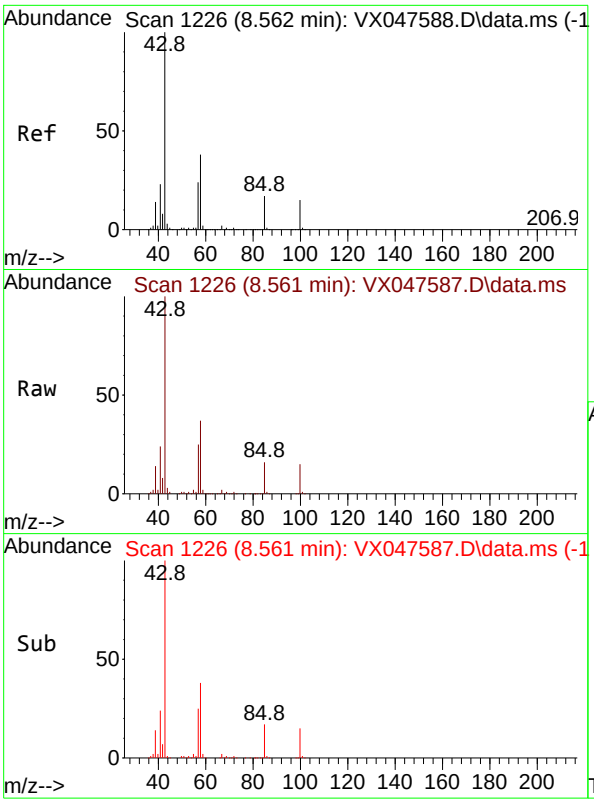


#50
Toluene-d8
Concen: 16.258 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 98 Resp: 126875

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.4



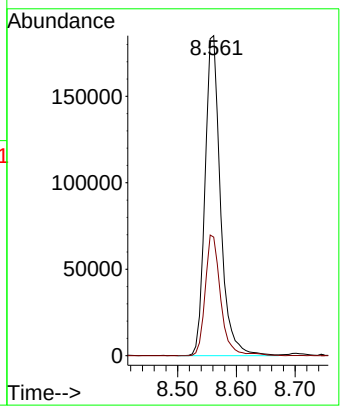


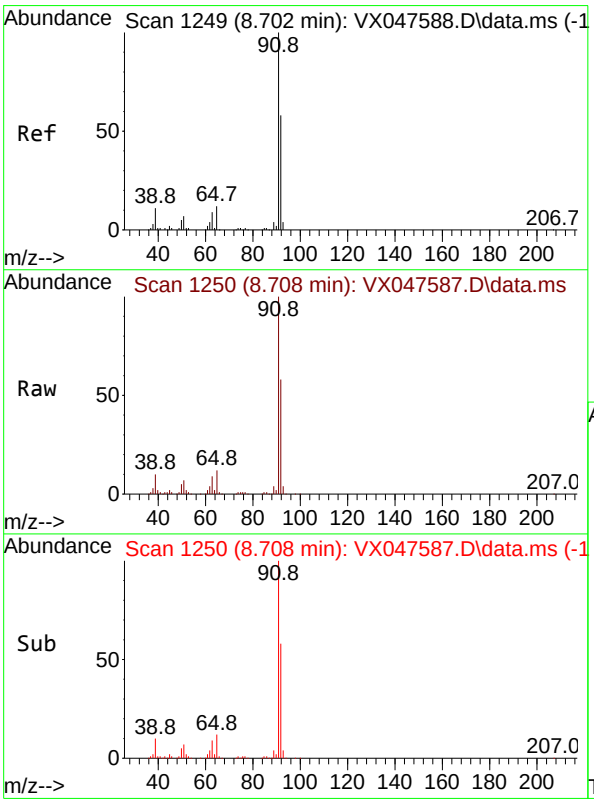
#51
4-Methyl-2-Pentanone
Concen: 105.456 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 338370

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5

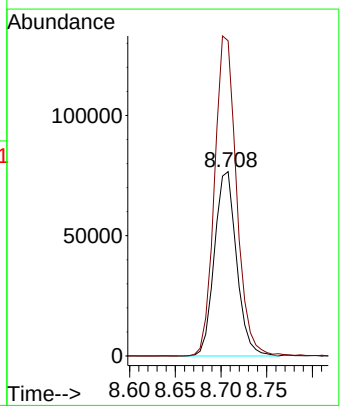


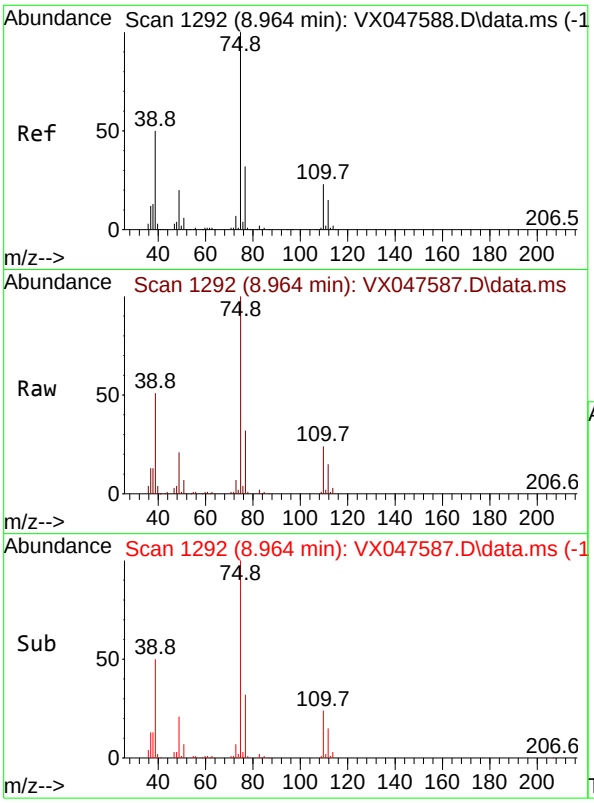


#52
Toluene
Concen: 20.950 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 92 Resp: 129193

Ion	Ratio	Lower	Upper
92	100		
91	173.2	137.1	205.7



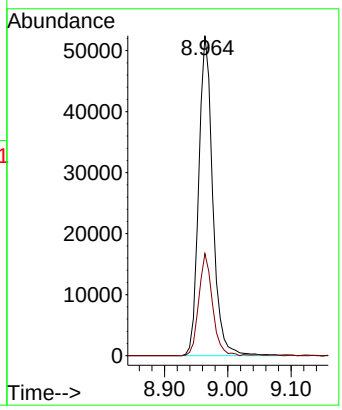


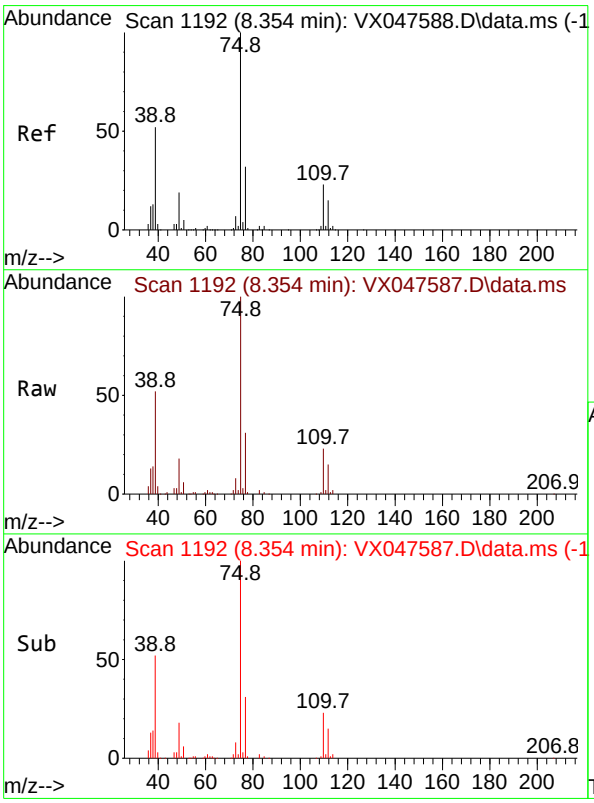
#53
t-1,3-Dichloropropene
Concen: 20.625 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 80972

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2

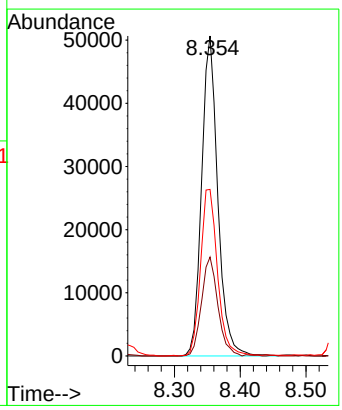


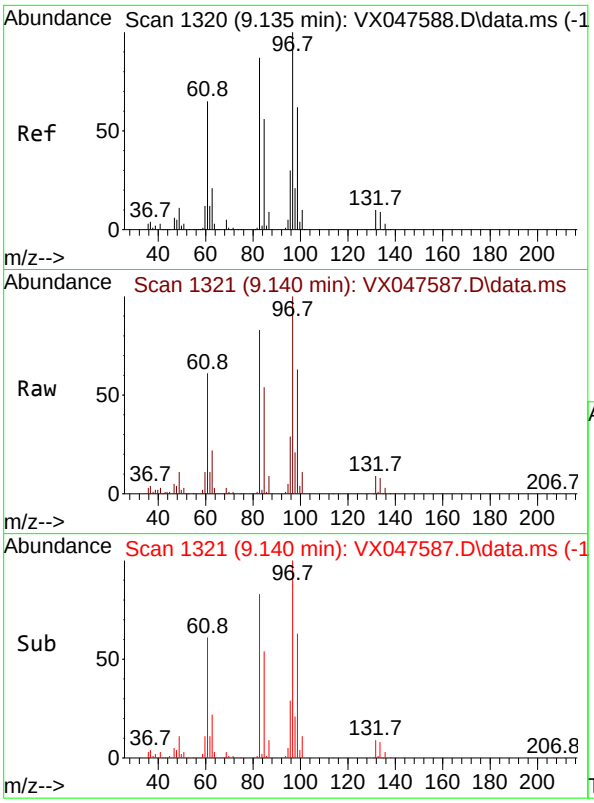


#54
cis-1,3-Dichloropropene
Concen: 20.650 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



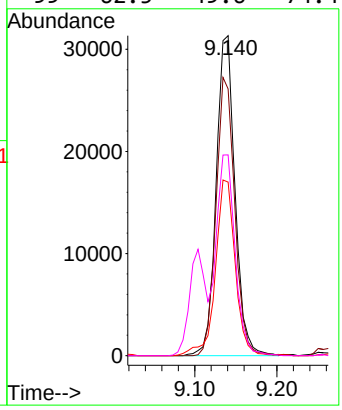


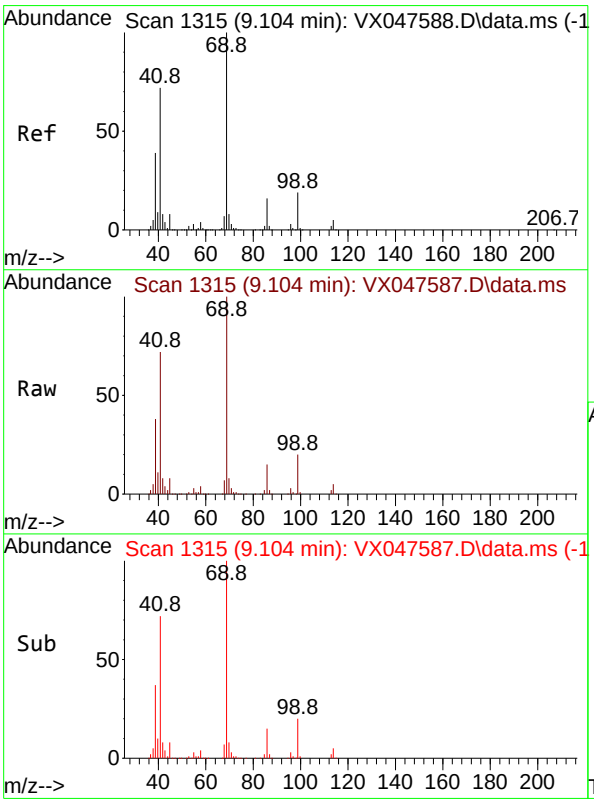
#55
1,1,2-Trichloroethane
Concen: 20.967 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 97 Resp: 49857

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

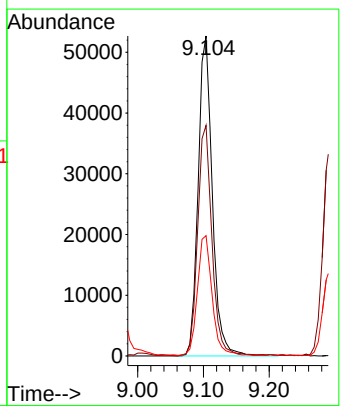


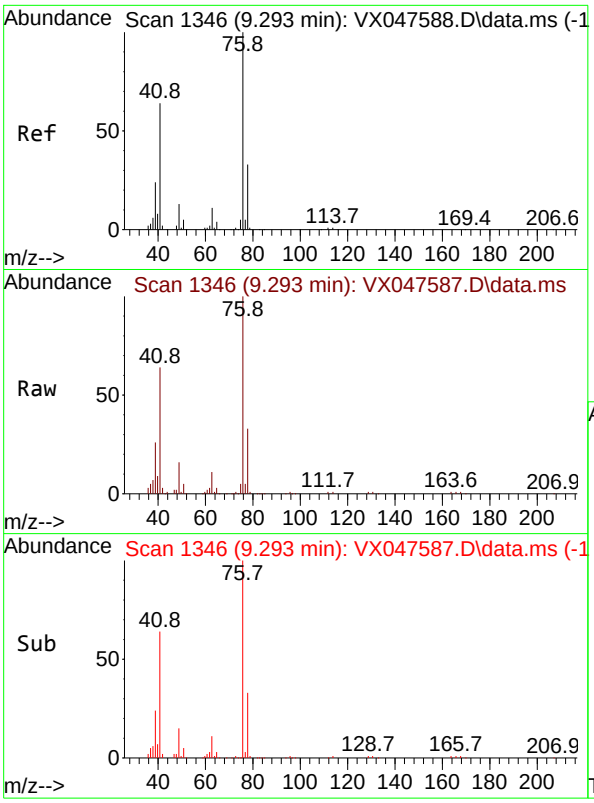


#56
Ethyl methacrylate
Concen: 21.158 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



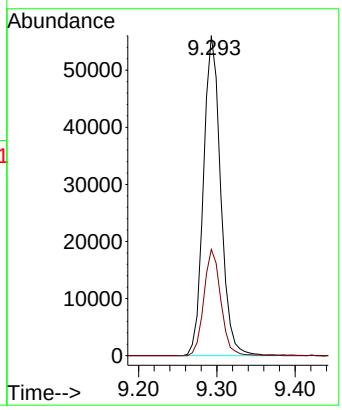


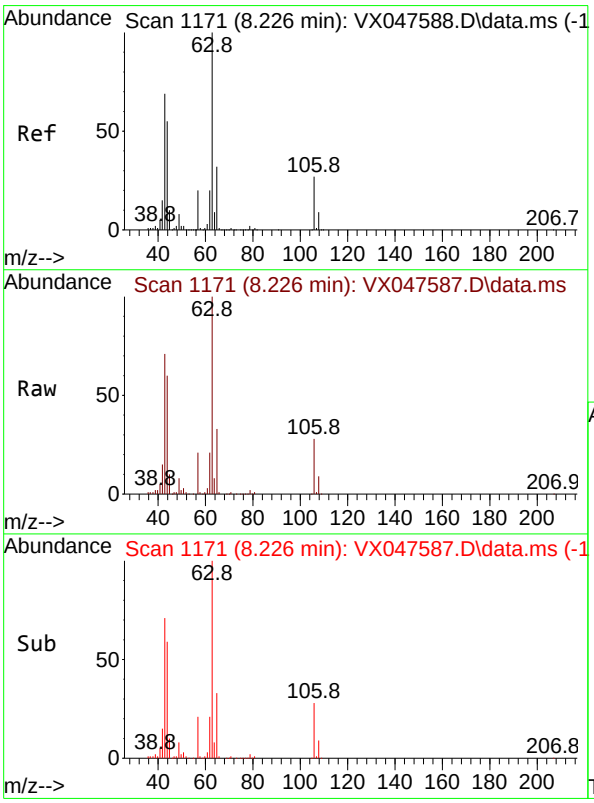
#57
1,3-Dichloropropane
Concen: 20.934 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 85511

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

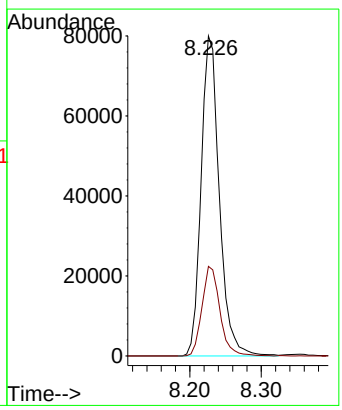


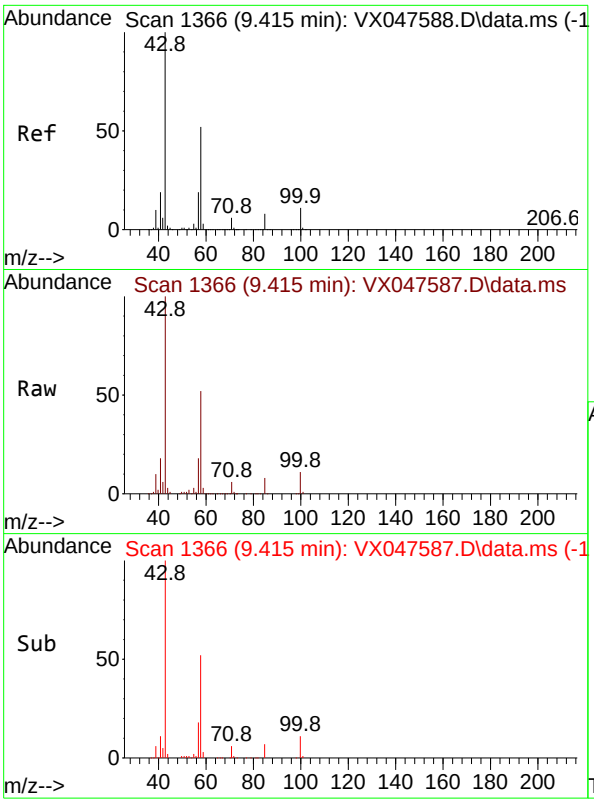


#58
2-Chloroethyl Vinyl ether
Concen: 86.617 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 63 Resp: 141395

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9



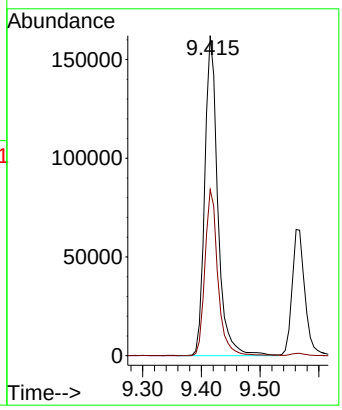


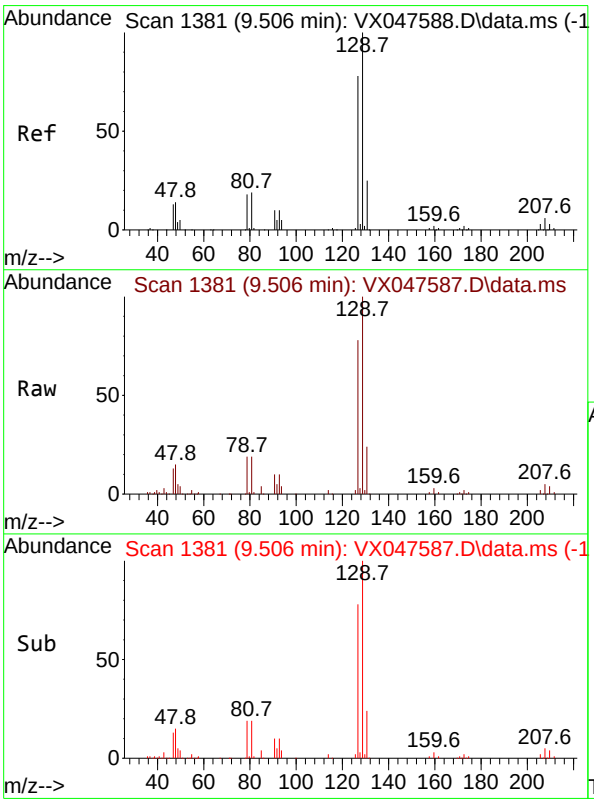
#59
2-Hexanone
Concen: 108.488 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 250007

Ion	Ratio	Lower	Upper
43	100		
58	51.4	26.1	78.2

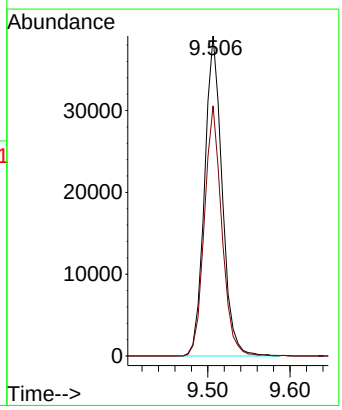


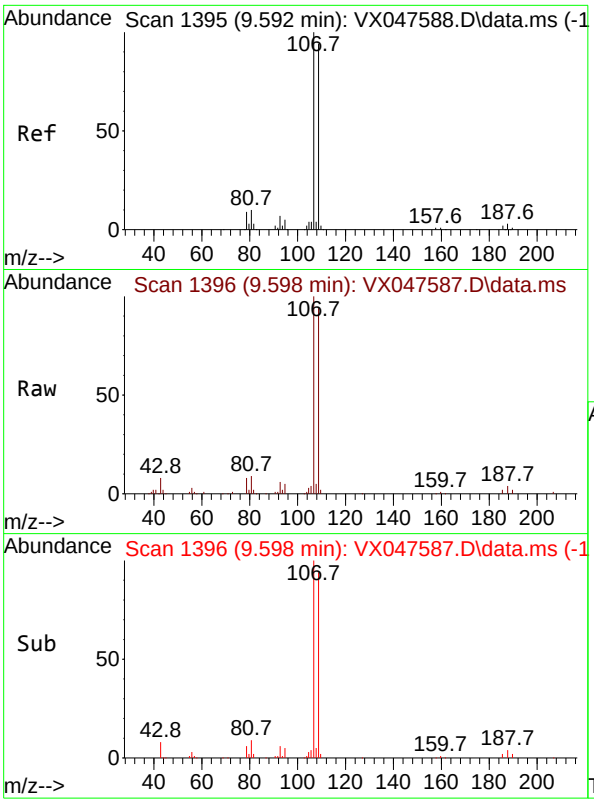


#60
Dibromochloromethane
Concen: 21.167 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:129 Resp: 57994

Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.4	115.2



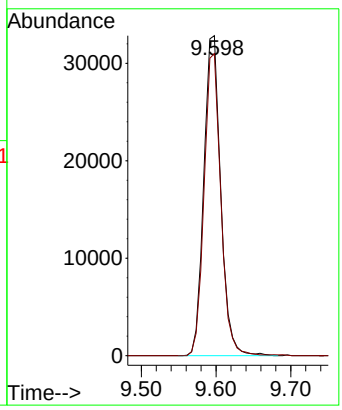


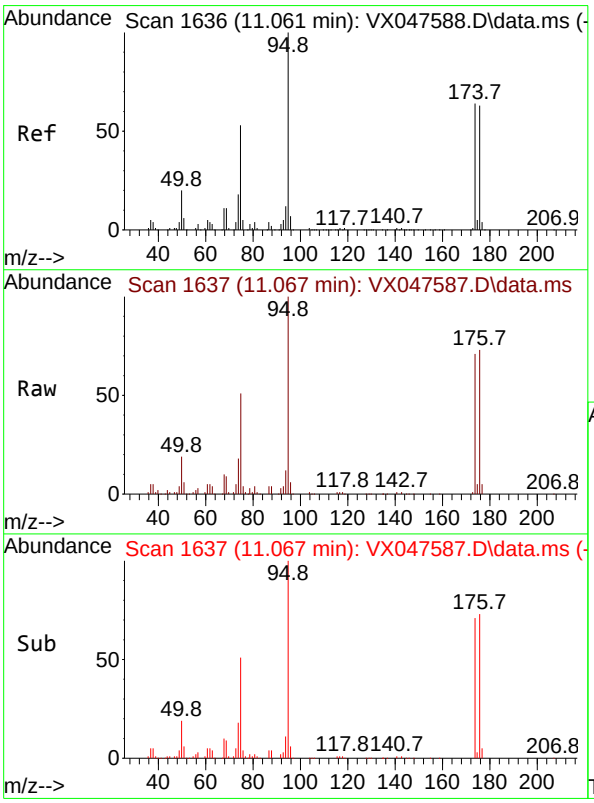
#61
1,2-Dibromoethane
Concen: 21.310 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 51614

Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.3	112.9

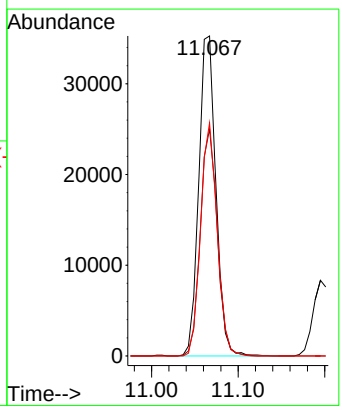


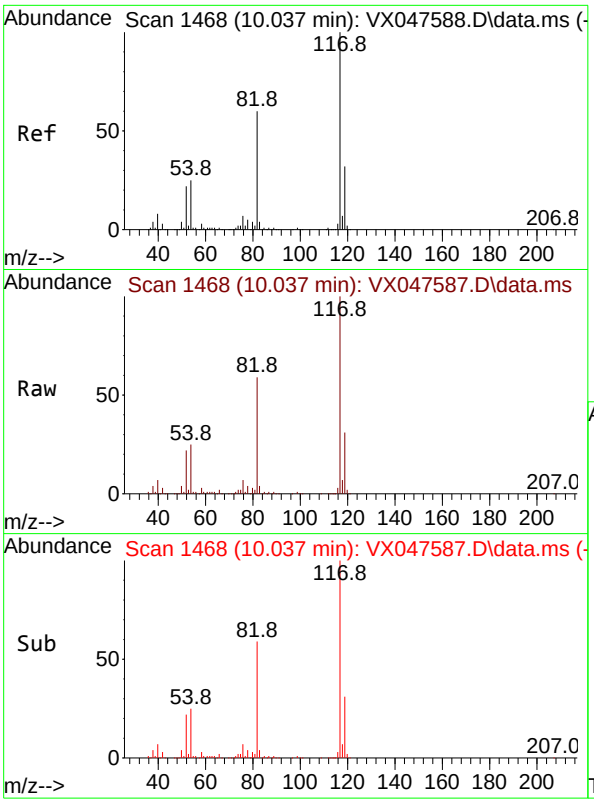


#62
4-Bromofluorobenzene
Concen: 16.360 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



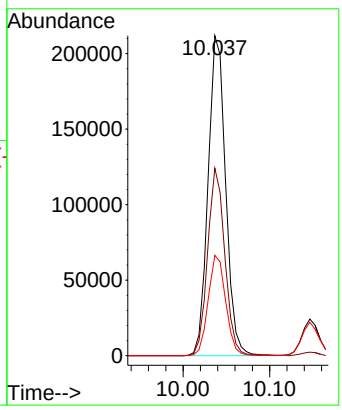


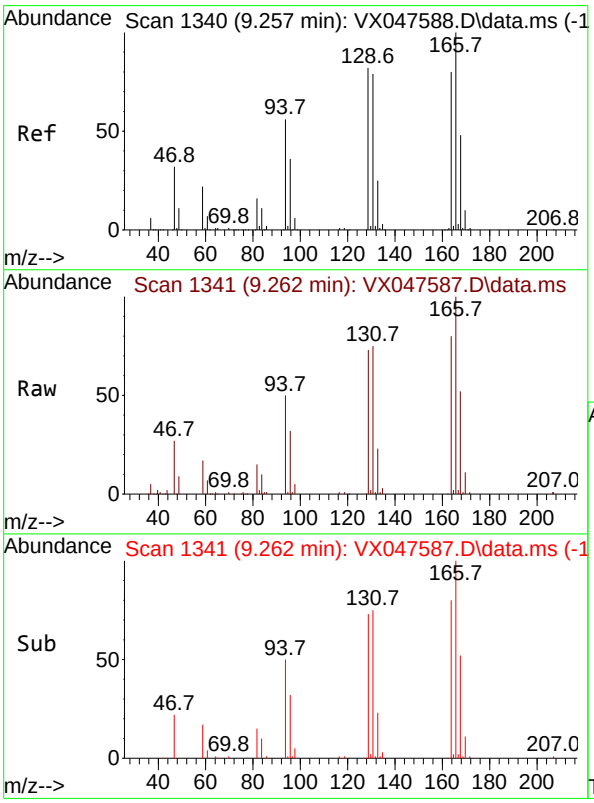
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 298629

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.8	71.6
119	31.3	25.2	37.8

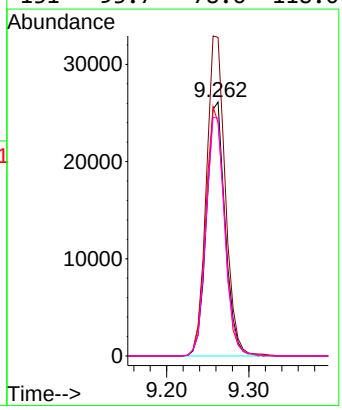


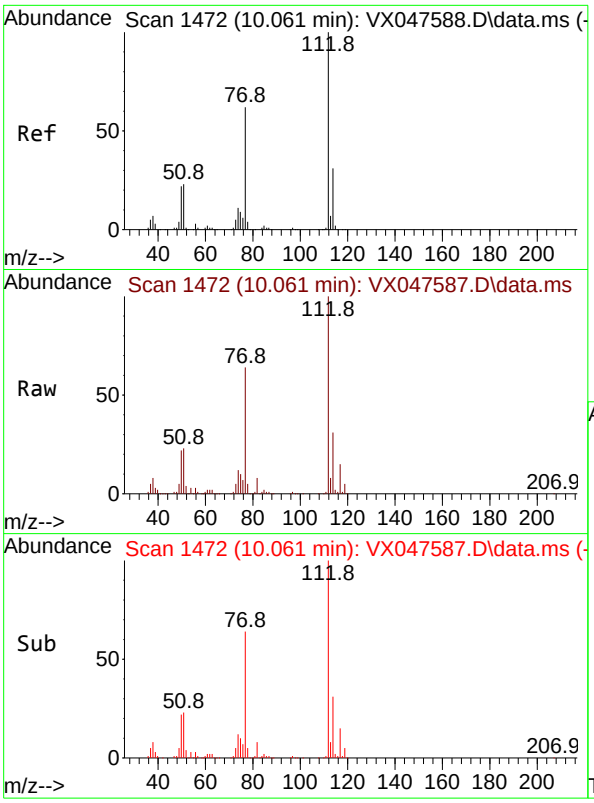


#64
Tetrachloroethene
Concen: 20.979 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



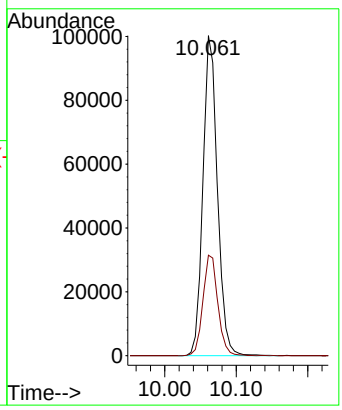


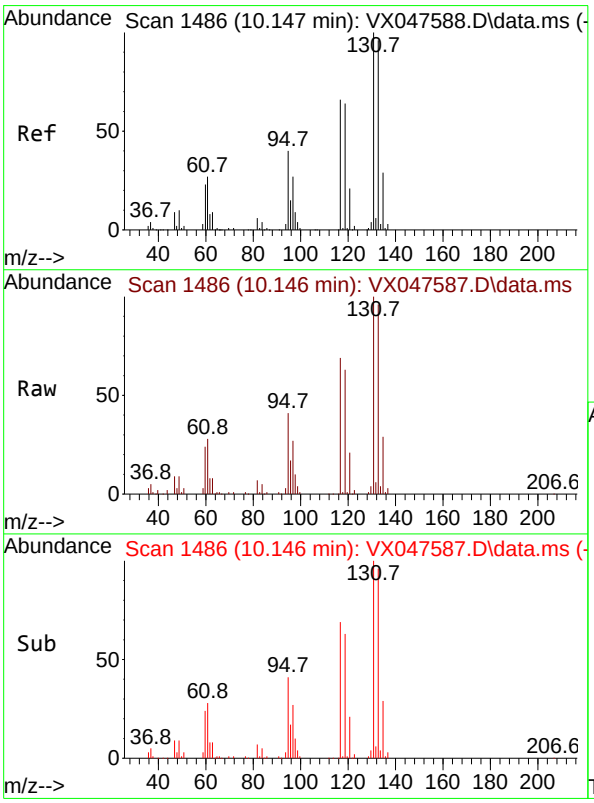
#65
Chlorobenzene
Concen: 20.731 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 140642

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

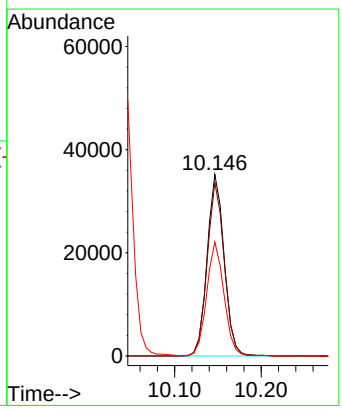


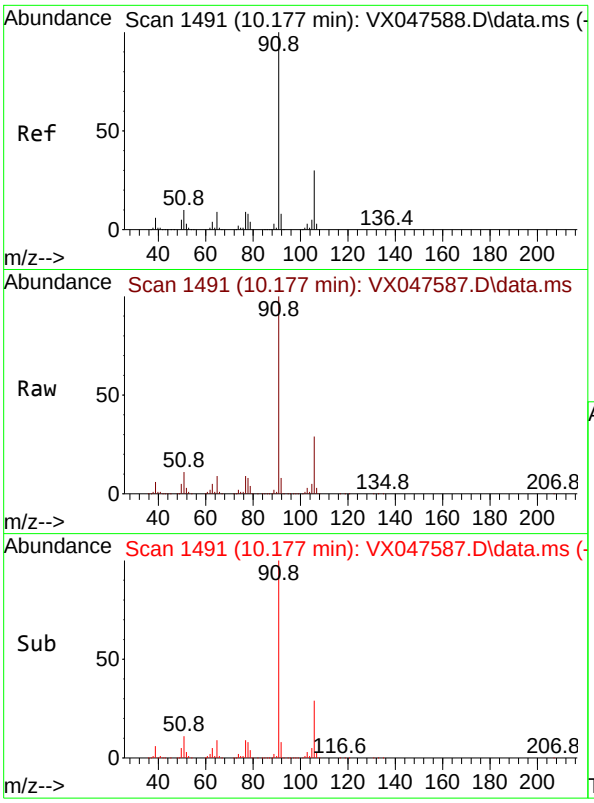


#66
1,1,1,2-Tetrachloroethane
Concen: 20.513 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



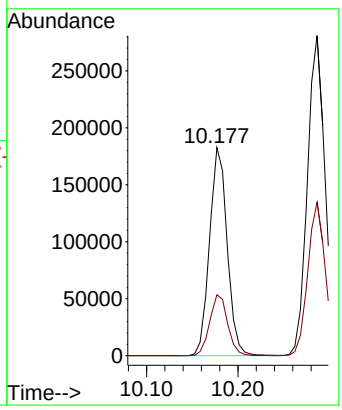


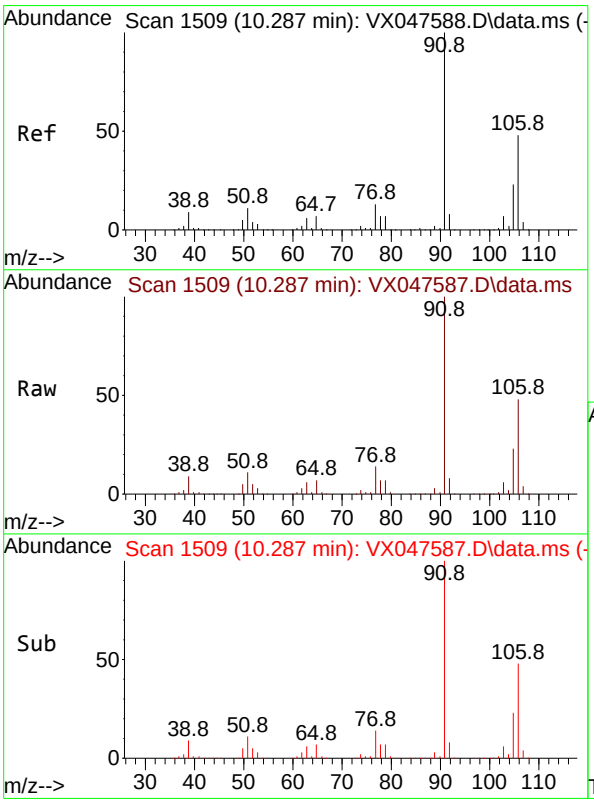
#67
Ethyl Benzene
Concen: 20.907 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 244737

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.3	36.5

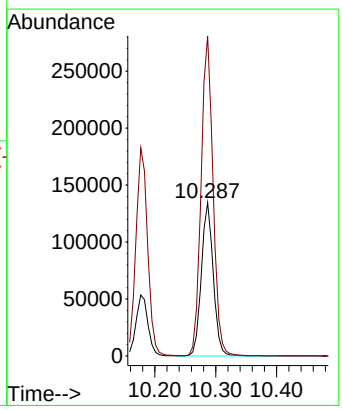


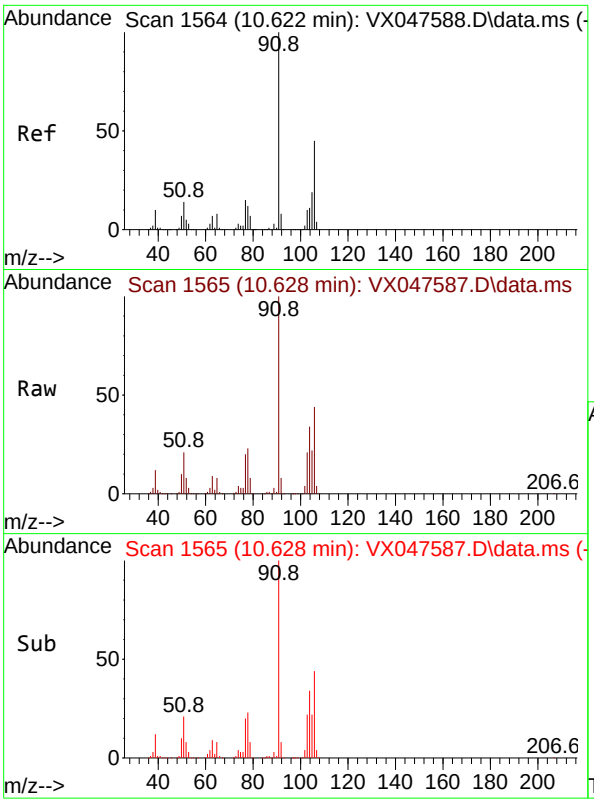


#68
m/p-Xylenes
Concen: 41.951 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:106 Resp: 182778

Ion	Ratio	Lower	Upper
106	100		
91	210.2	167.8	251.8



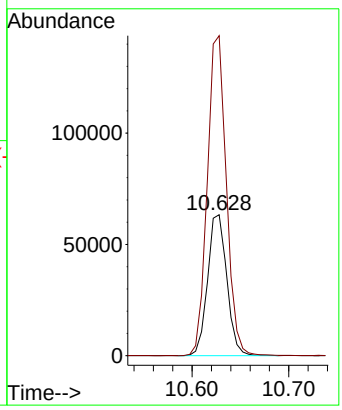


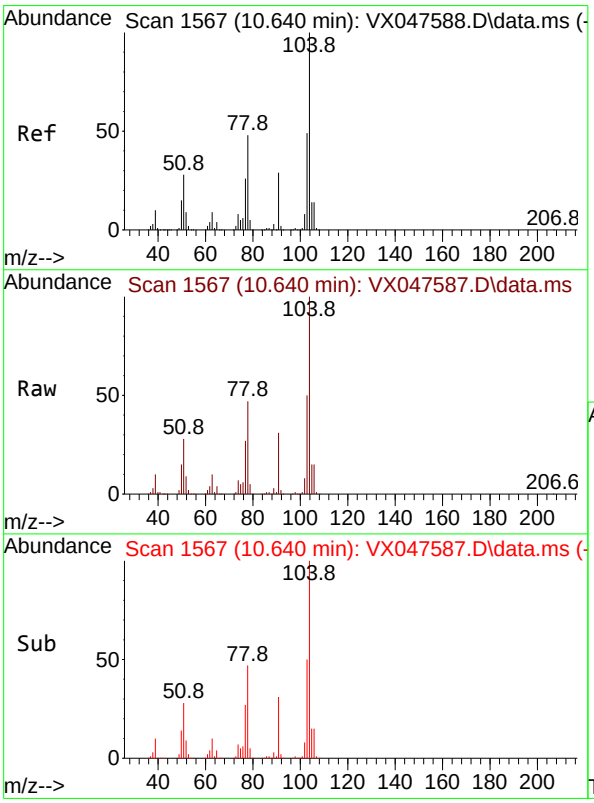
#69
o-Xylene
Concen: 20.799 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 87651

Ion	Ratio	Lower	Upper
106	100		
91	225.3	111.1	333.4

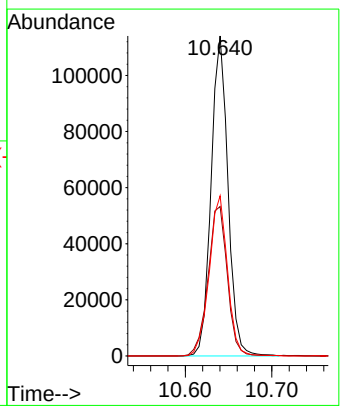


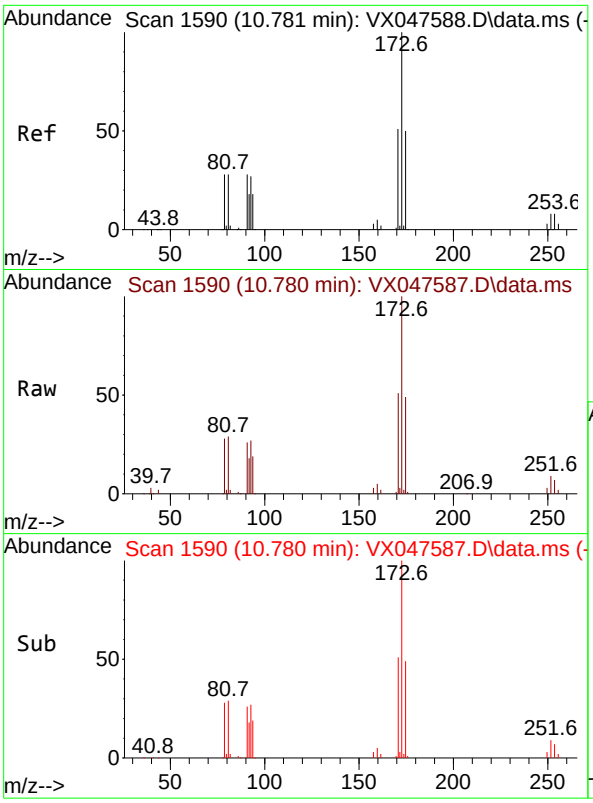


#70
Styrene
Concen: 20.866 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



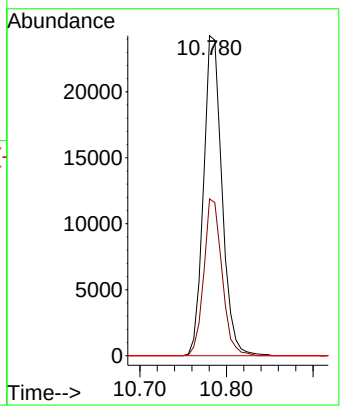


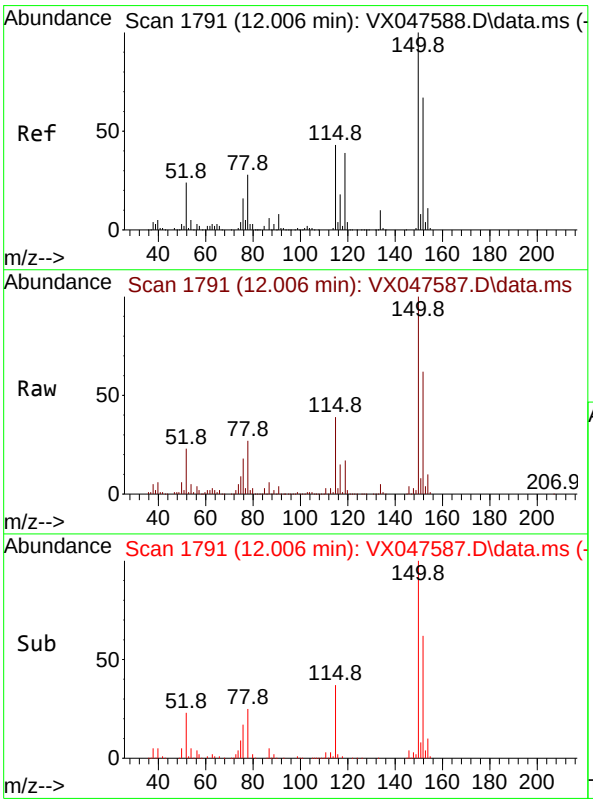
#71
Bromoform
Concen: 20.550 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:173 Resp: 35922

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1#

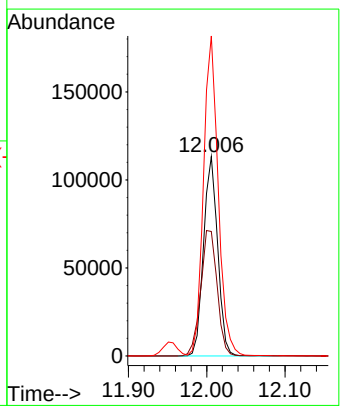


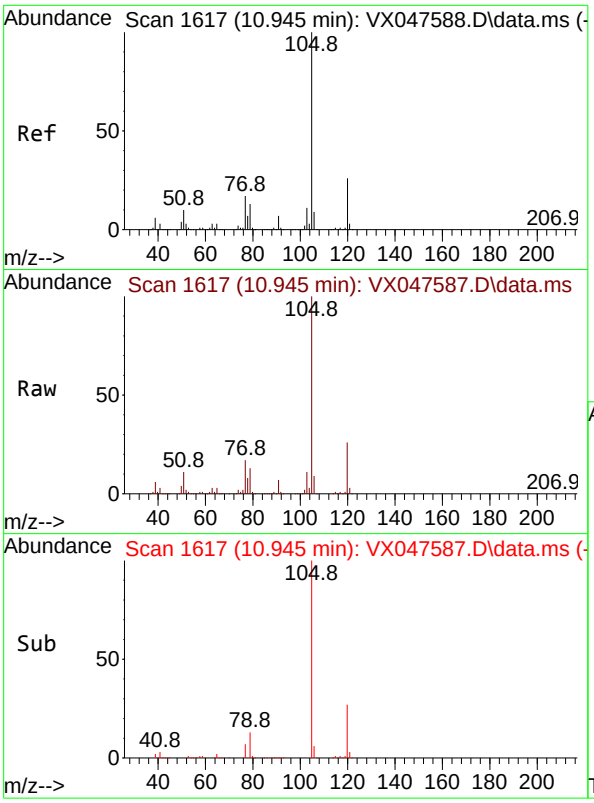


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



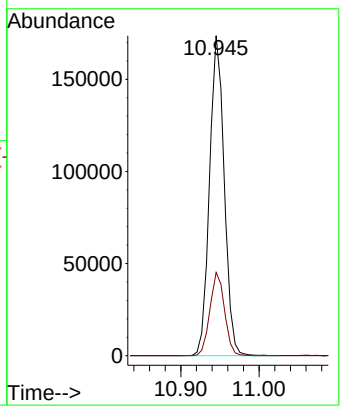


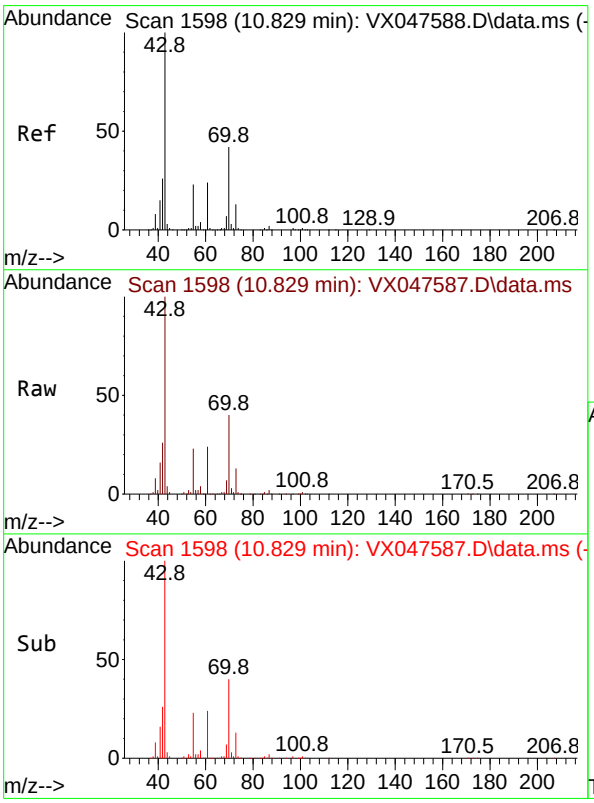
#73
Isopropylbenzene
Concen: 20.970 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 225730

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4

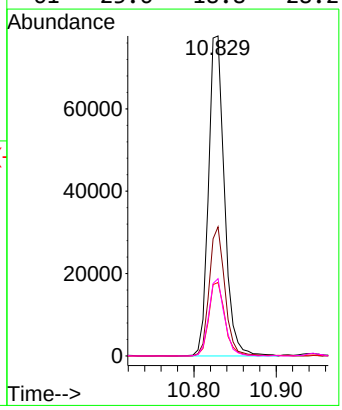


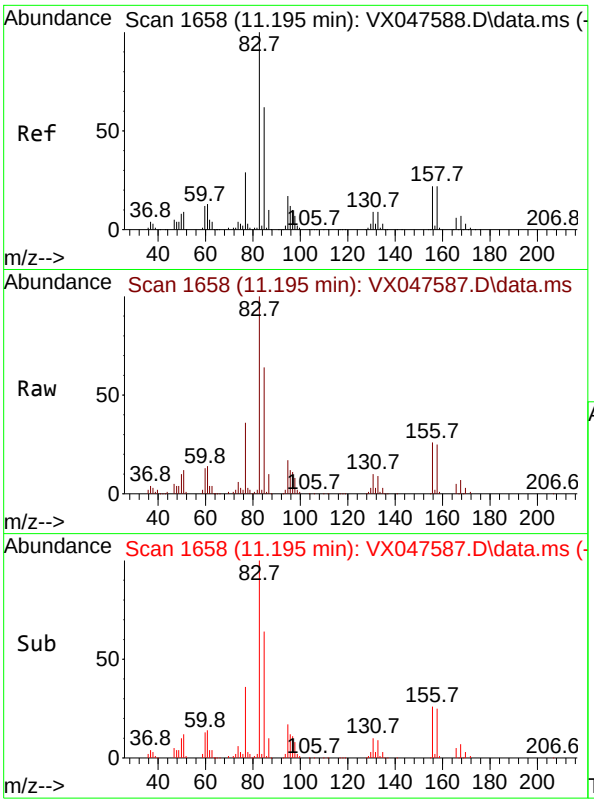


#74
N-amyl acetate
Concen: 21.354 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



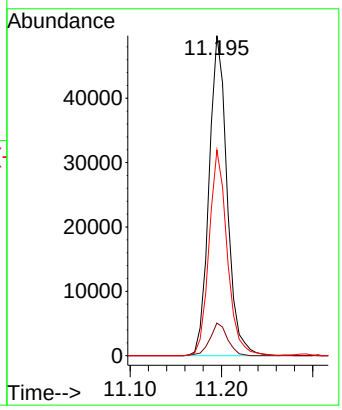


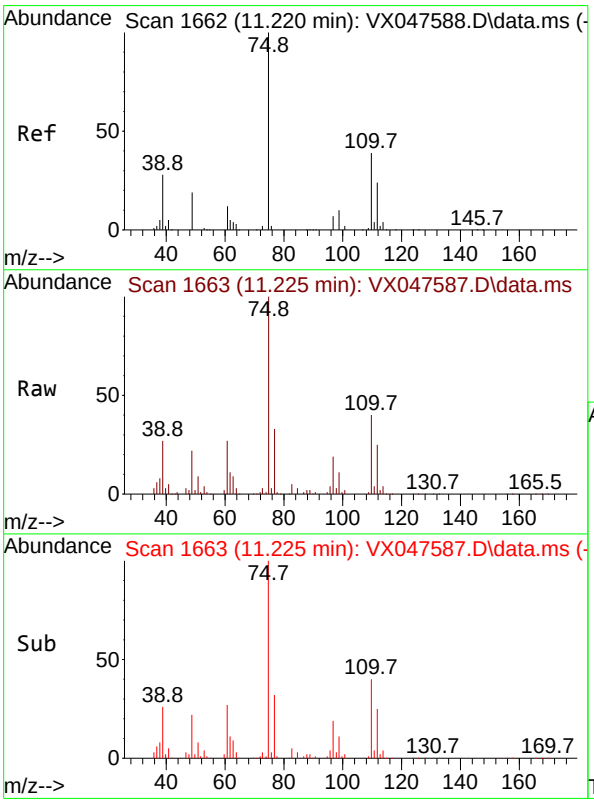
#75
1,1,2,2-Tetrachloroethane
Concen: 20.920 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 68132

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.4	31.6	95.0

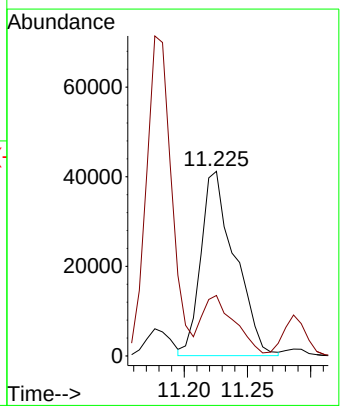


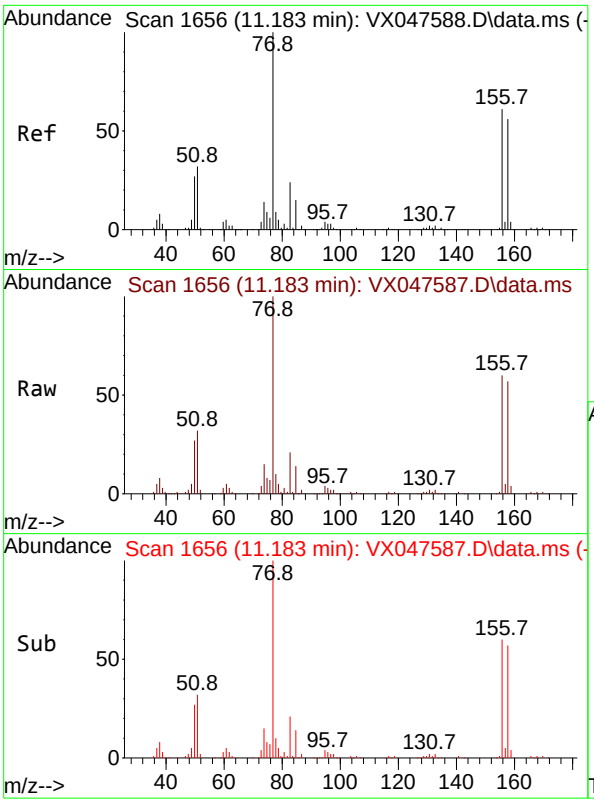


#76
1,2,3-Trichloropropane
Concen: 26.858 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 75 Resp: 76996

Ion	Ratio	Lower	Upper
75	100		
77	31.3	18.8	56.4



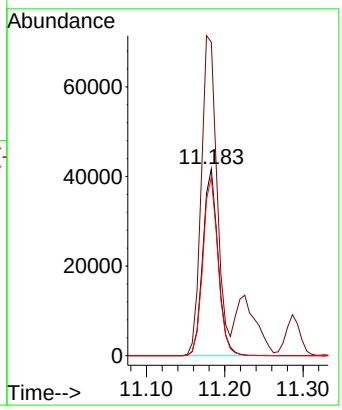


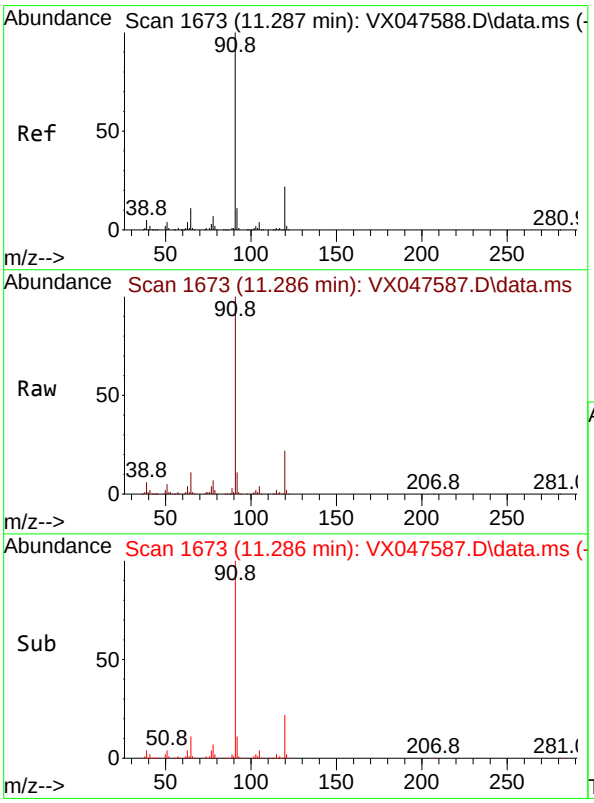
#77
Bromobenzene
Concen: 21.183 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 56161

Ion	Ratio	Lower	Upper
156	100		
77	177.4	89.7	269.1
158	95.2	47.9	143.6

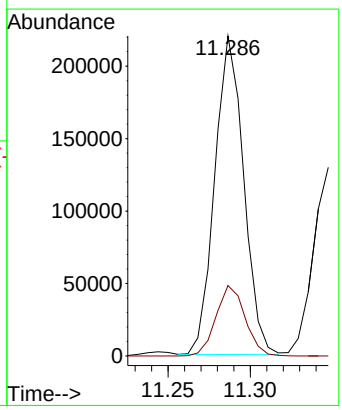


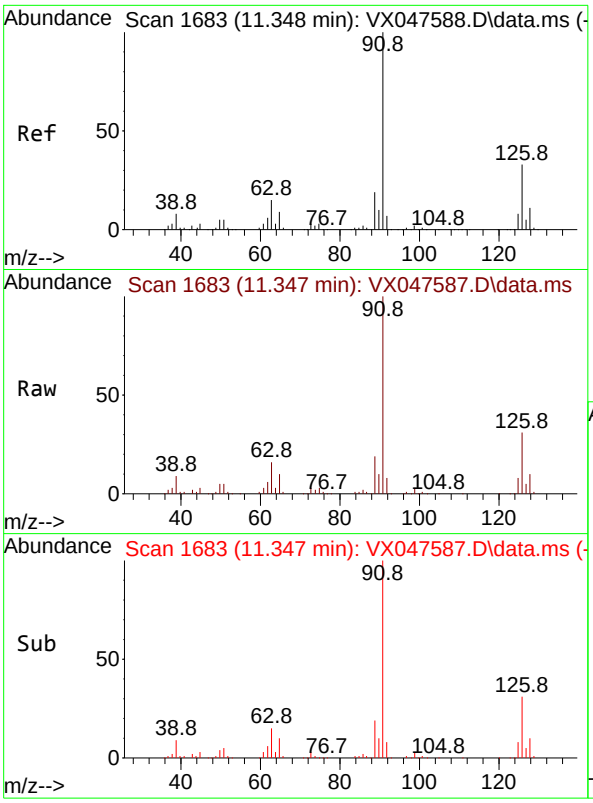


#78
n-propylbenzene
Concen: 21.092 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 268399

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1



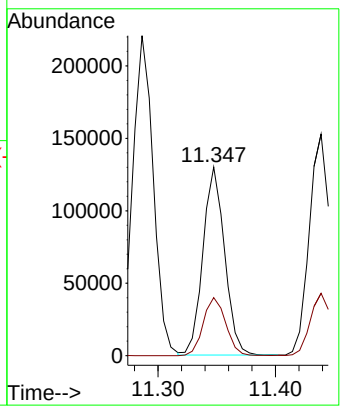


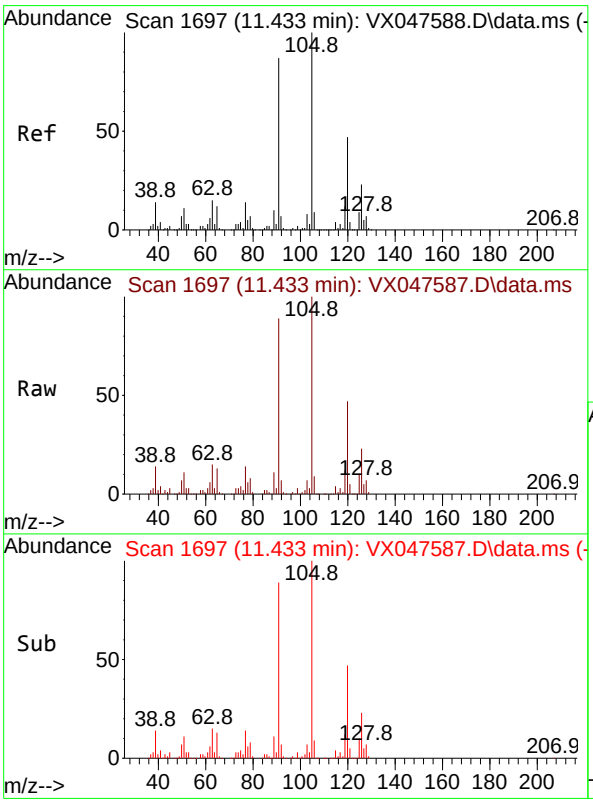
#79
2-Chlorotoluene
Concen: 21.329 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 166237

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.3

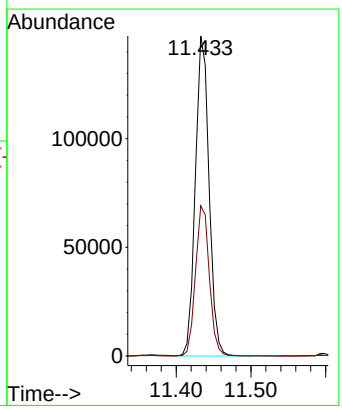


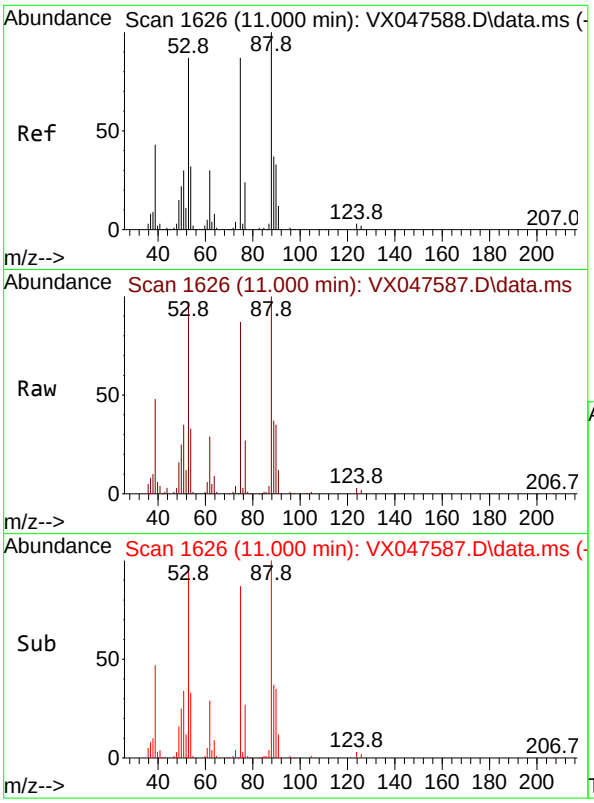


#80
1,3,5-Trimethylbenzene
Concen: 21.202 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 187513

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8



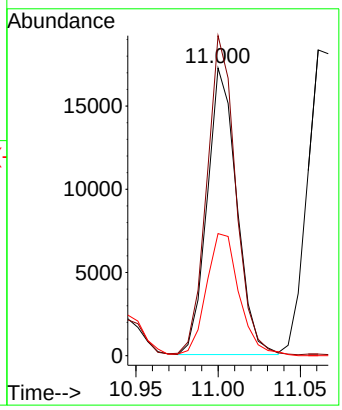


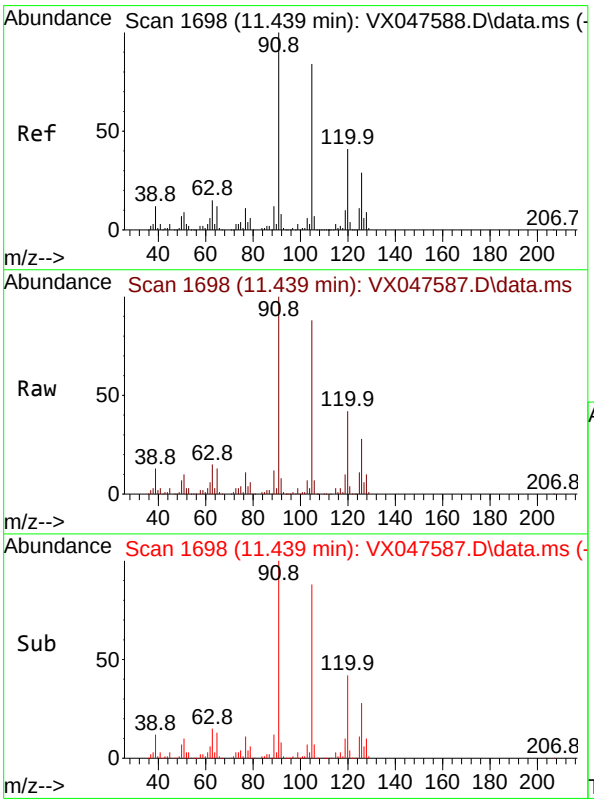
#81
trans-1,4-Dichloro-2-butene
Concen: 19.173 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 21553

Ion	Ratio	Lower	Upper
75	100		
53	109.1	83.4	125.2
89	47.6	36.3	54.5

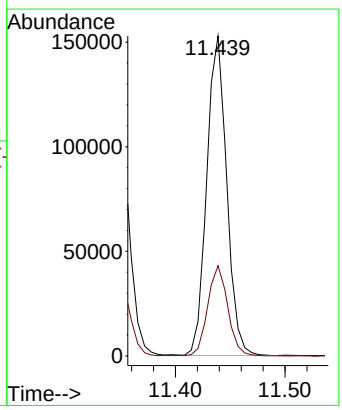


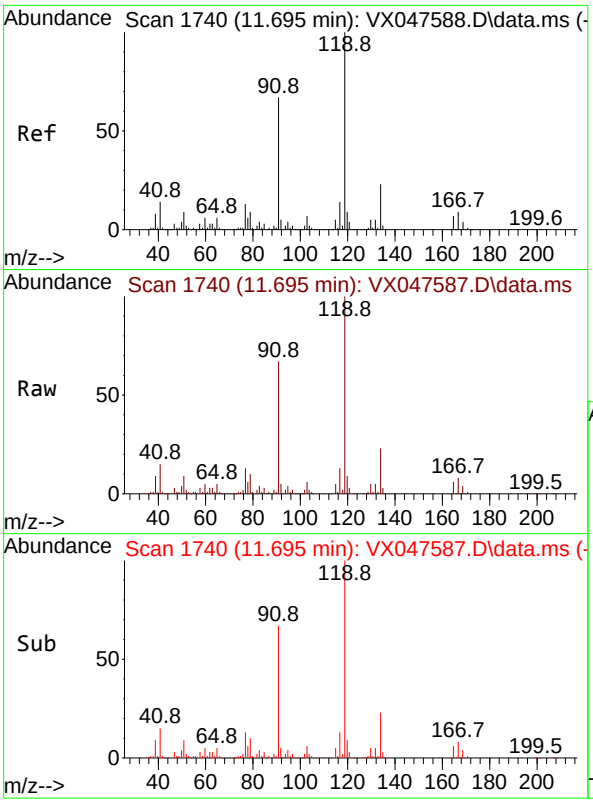


#82
4-Chlorotoluene
Concen: 20.980 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion: 91 Resp: 193122

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6



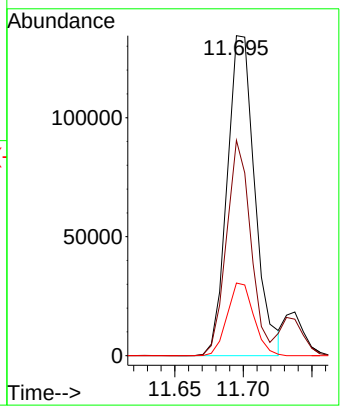


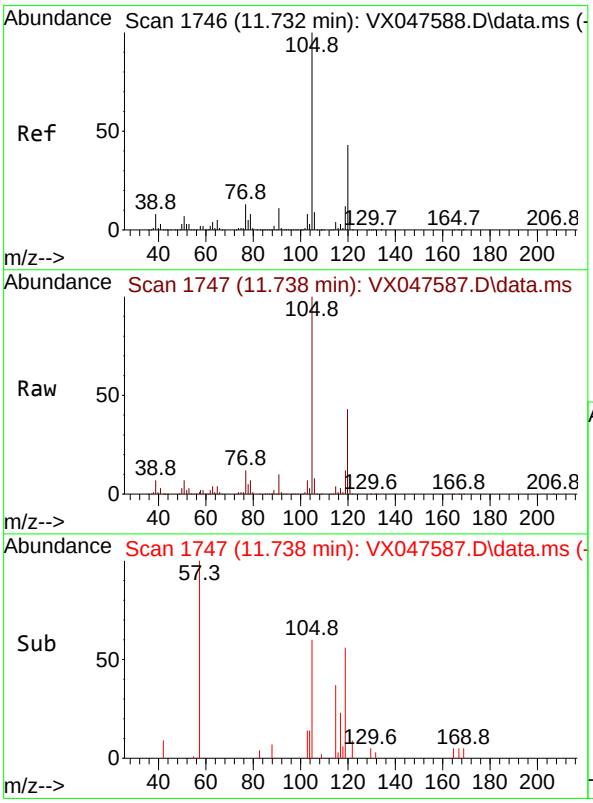
#83
tert-Butylbenzene
Concen: 20.929 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 189484

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	21.8	11.0	33.0

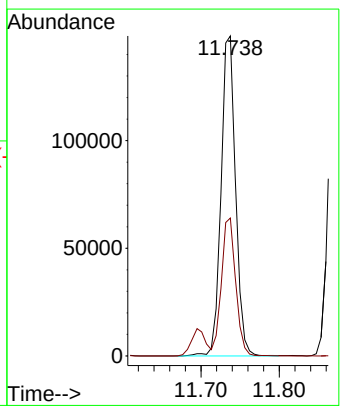


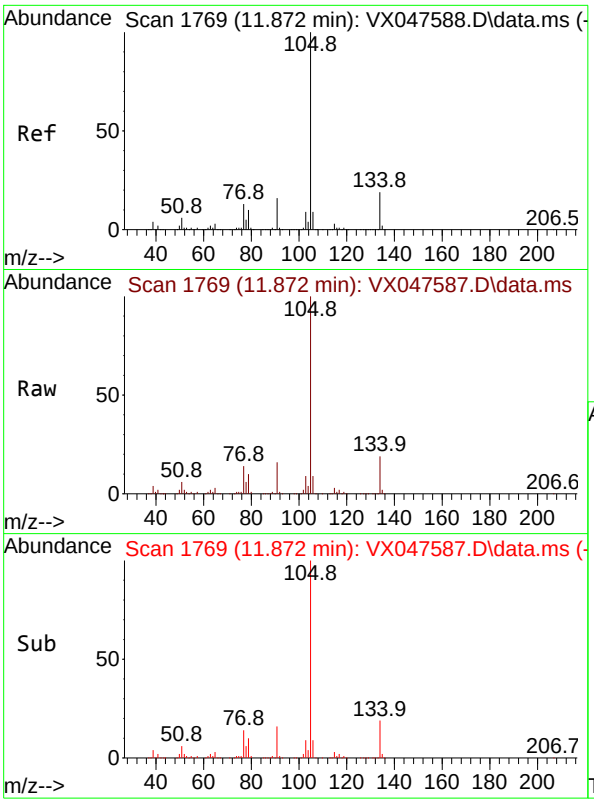


#84
1,2,4-Trimethylbenzene
Concen: 21.355 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:105 Resp: 191477

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.1	66.1



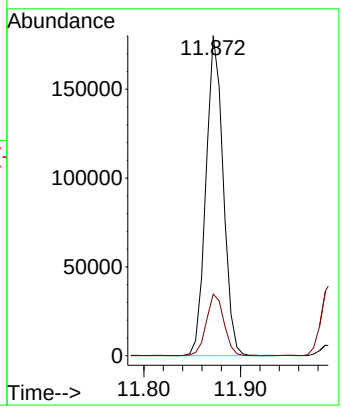


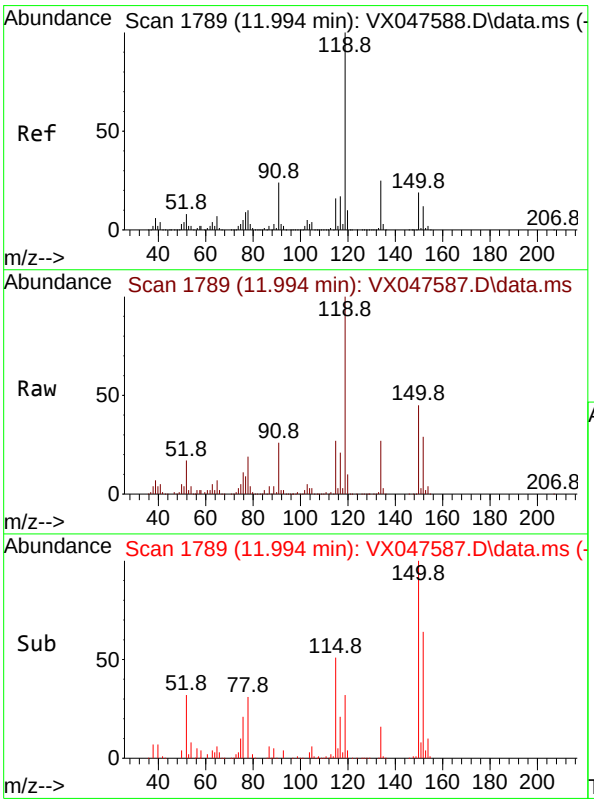
#85
sec-Butylbenzene
Concen: 20.777 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 223434

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

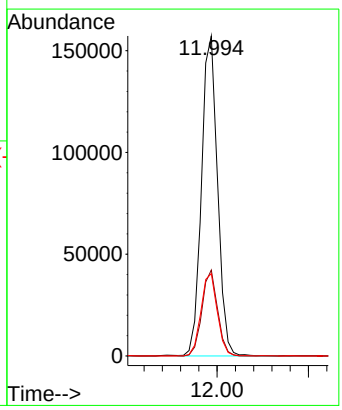


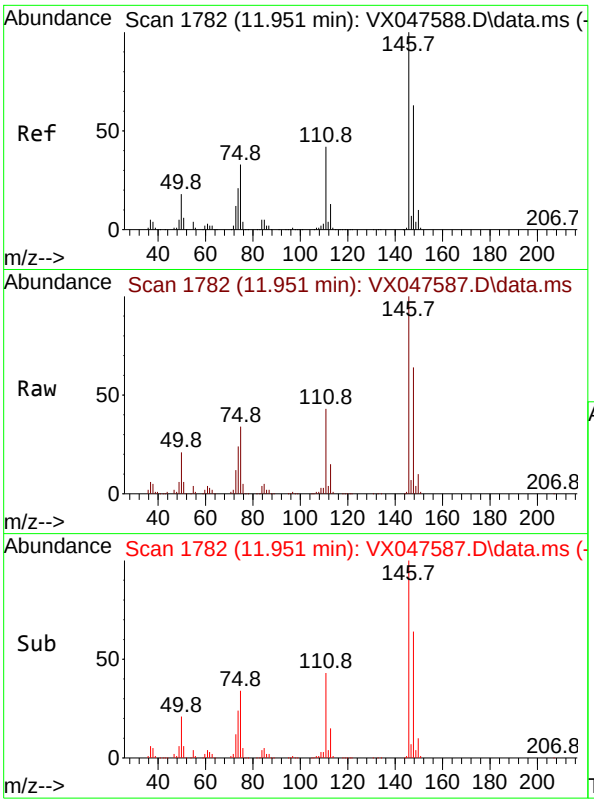


#86
p-Isopropyltoluene
Concen: 20.972 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



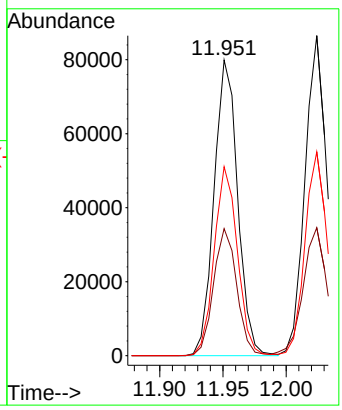


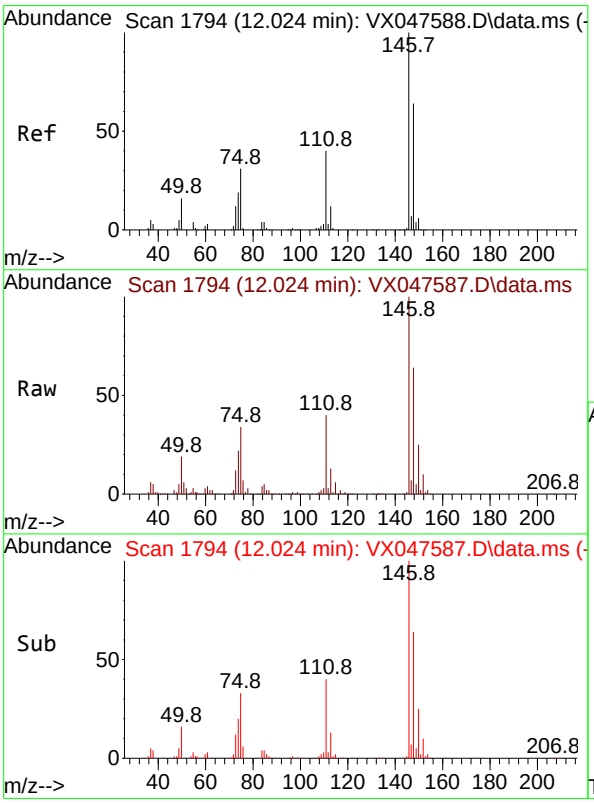
#87
1,3-Dichlorobenzene
Concen: 21.035 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 103584

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	62.7	32.0	96.0

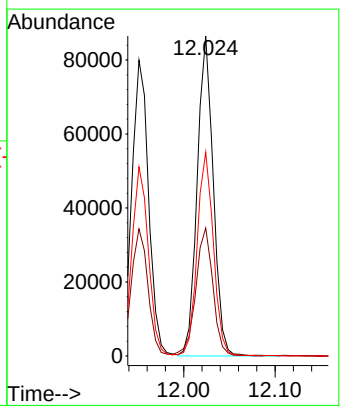


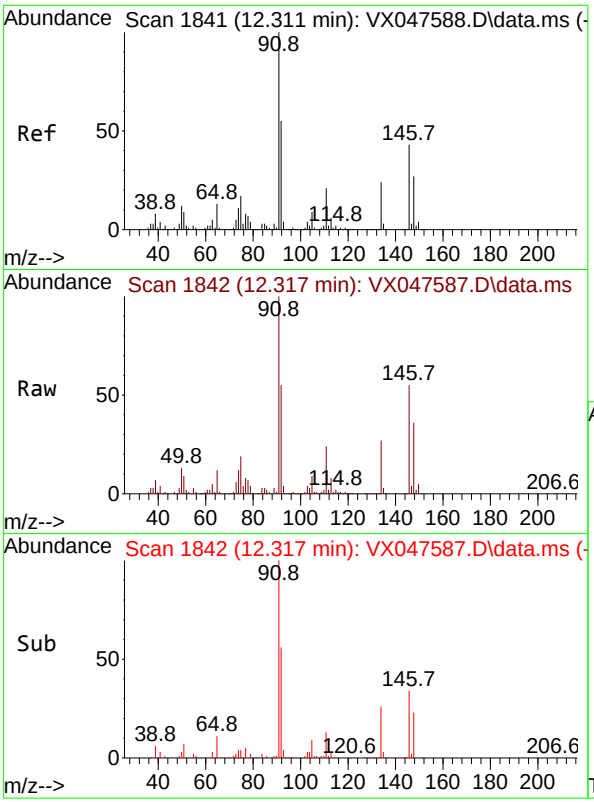


#88
1,4-Dichlorobenzene
Concen: 20.937 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



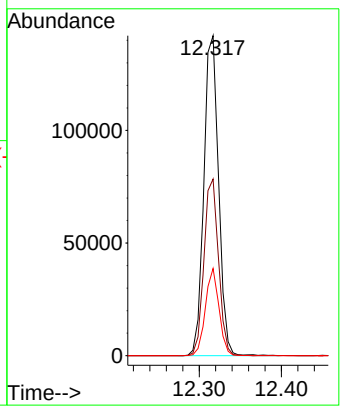


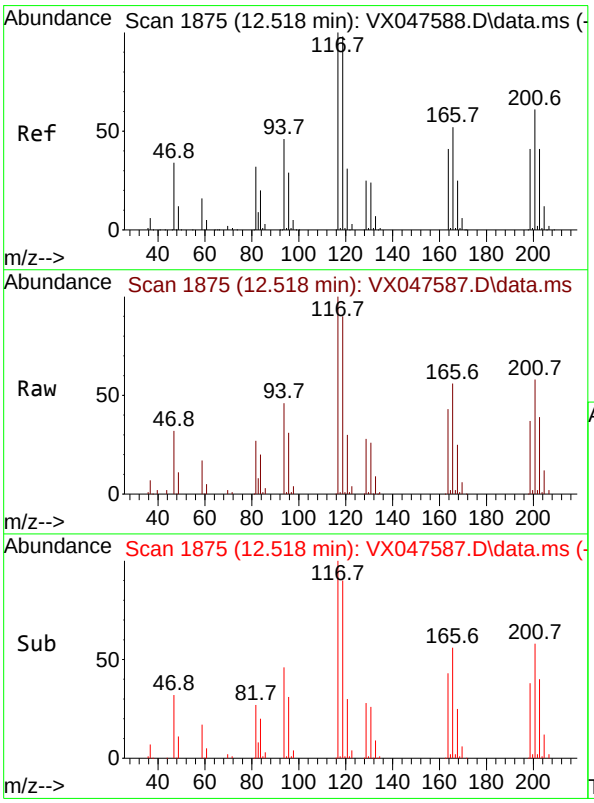
#89
n-Butylbenzene
Concen: 20.937 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 176373

Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	25.3	12.6	37.8

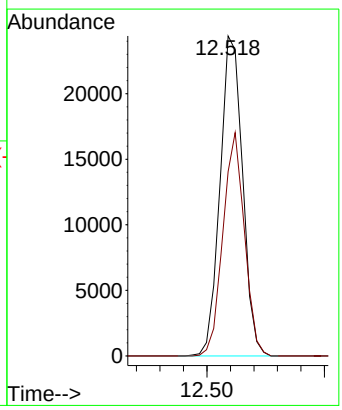


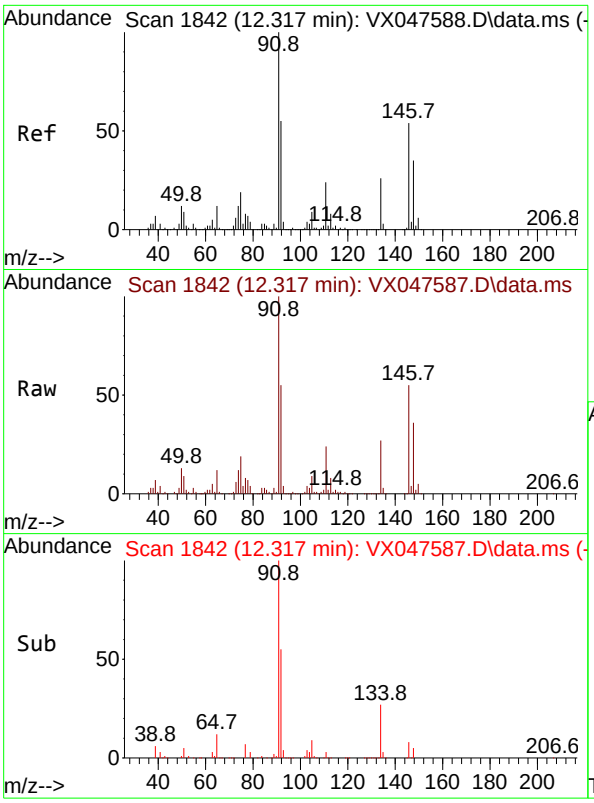


#90
Hexachloroethane
Concen: 20.349 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Tgt Ion:117 Resp: 32526

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5



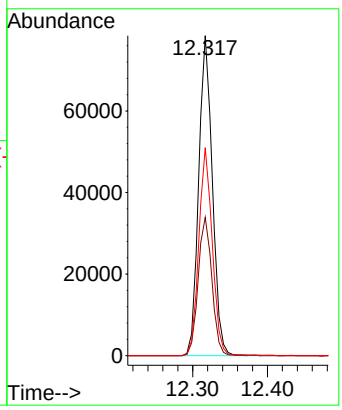


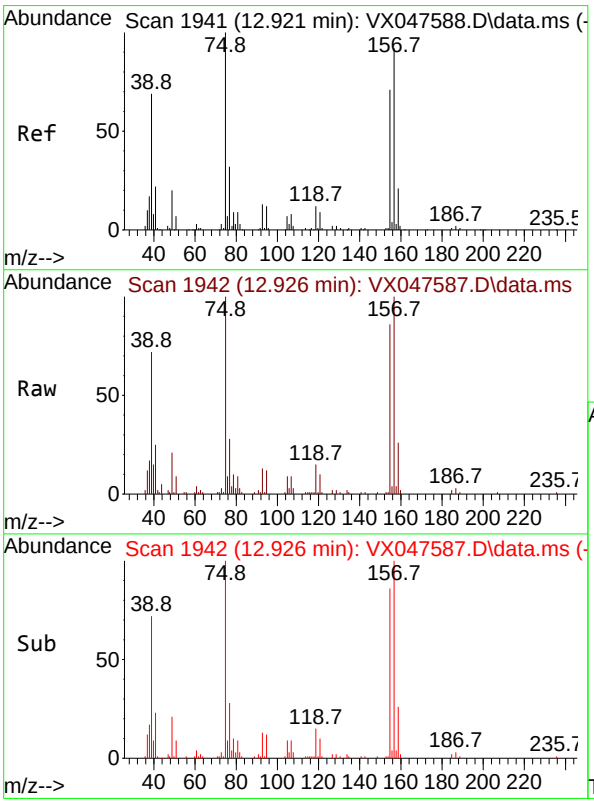
#91
1,2-Dichlorobenzene
Concen: 21.207 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 99493

Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.2	66.6
148	63.9	31.8	95.4

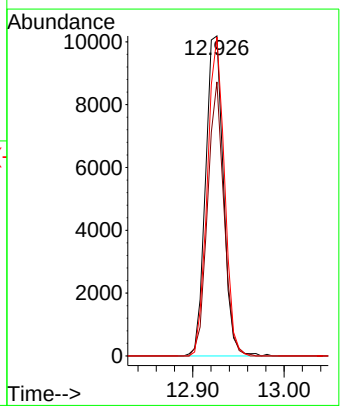


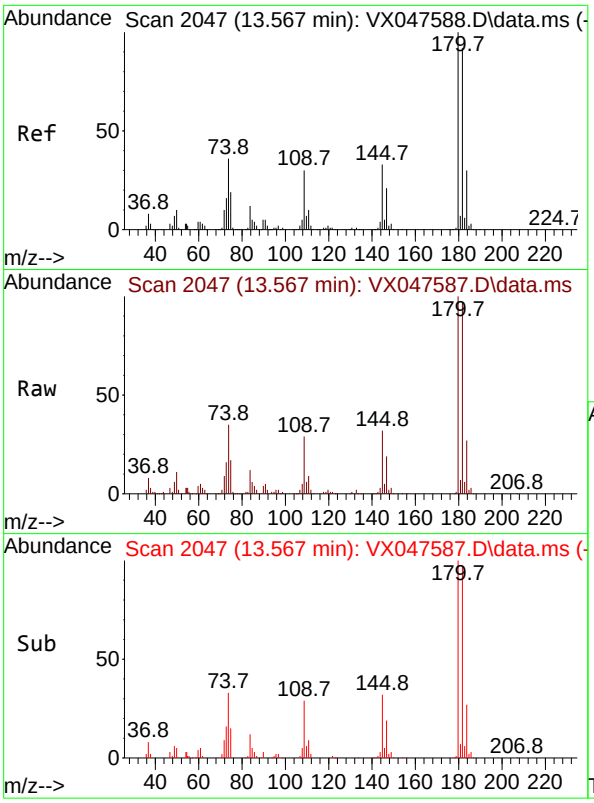


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.821 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



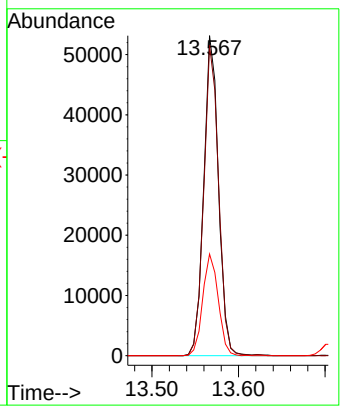


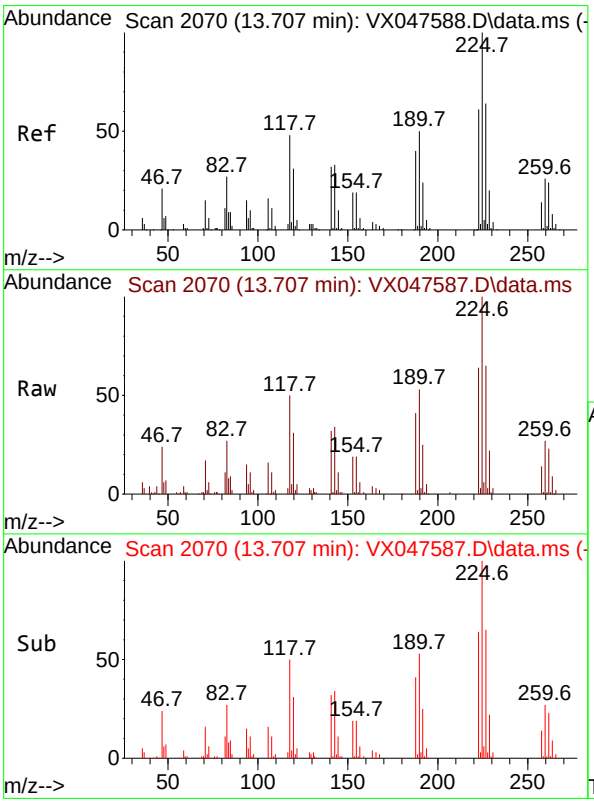
#93
1,2,4-Trichlorobenzene
Concen: 20.571 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 62722

Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.6	139.8
145	33.4	16.4	49.1

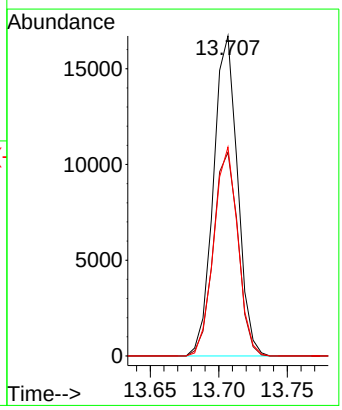


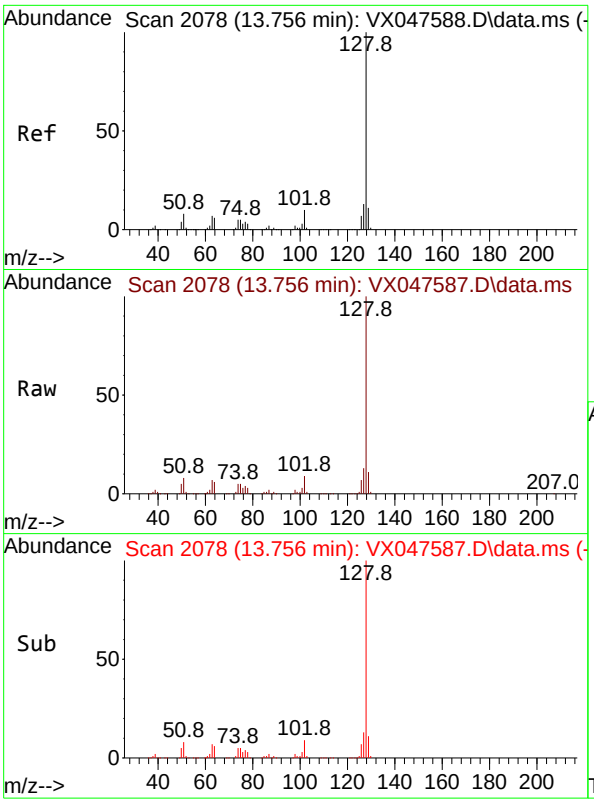


#94
Hexachlorobutadiene
Concen: 19.751 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



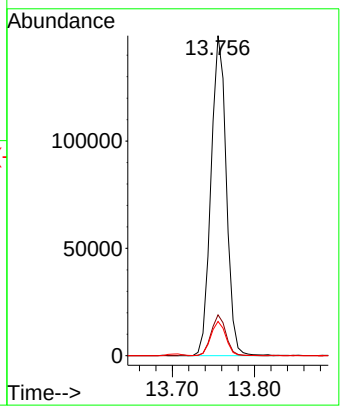


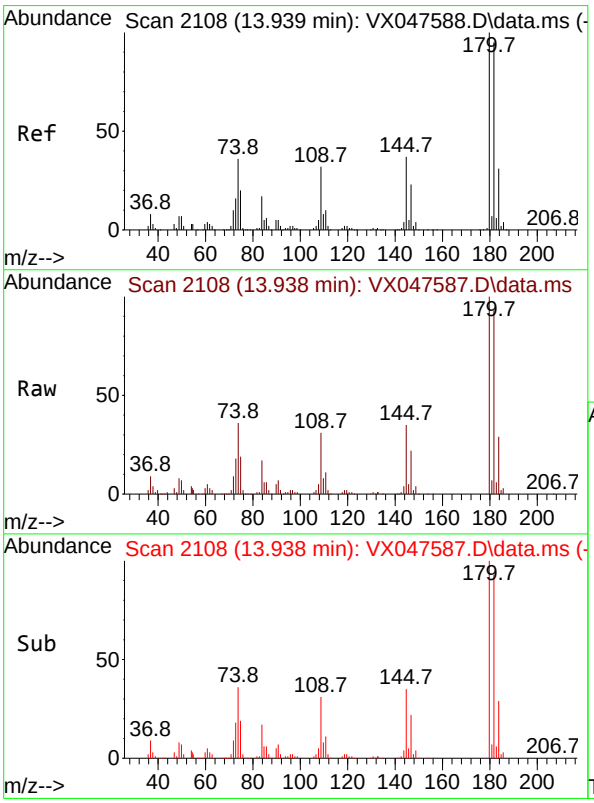
#95
Naphthalene
Concen: 20.801 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 193134

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.5	8.8	13.2

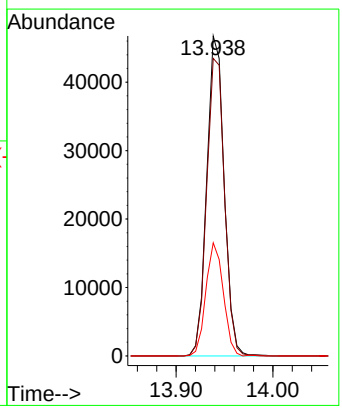




#96
1,2,3-Trichlorobenzene
Concen: 20.593 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047587.D
Acq: 16 Sep 2025 10:37

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



Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:50:23 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	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

Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:50:23 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)
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	178309	68.947	ug/l		88
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

Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:50:23 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)

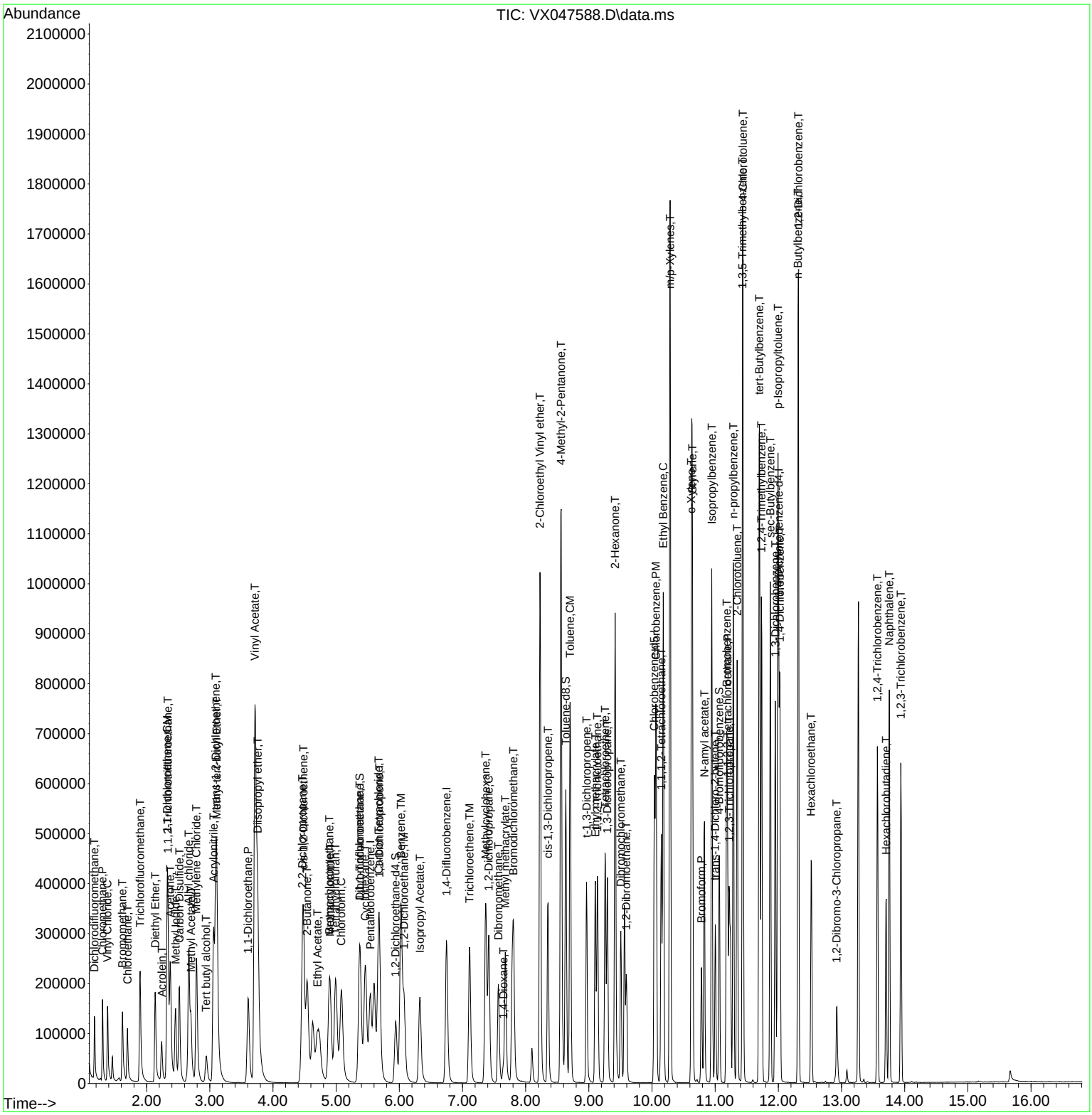
(#) = qualifier out of range (m) = manual integration (+) = signals summed

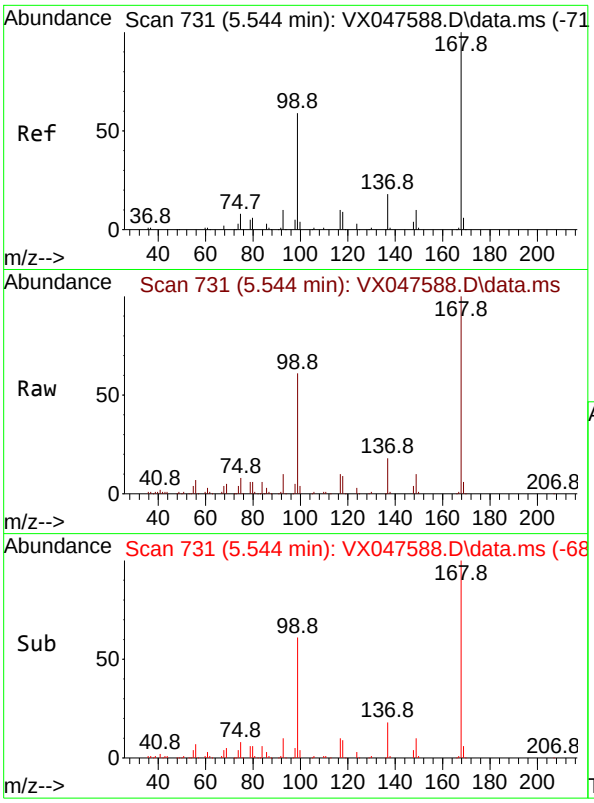
Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:50:23 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



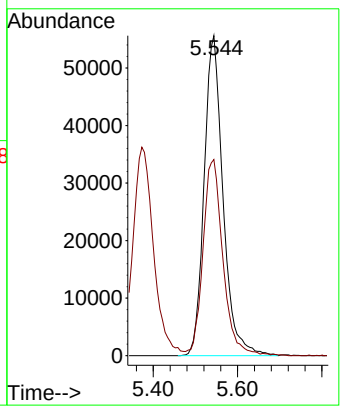


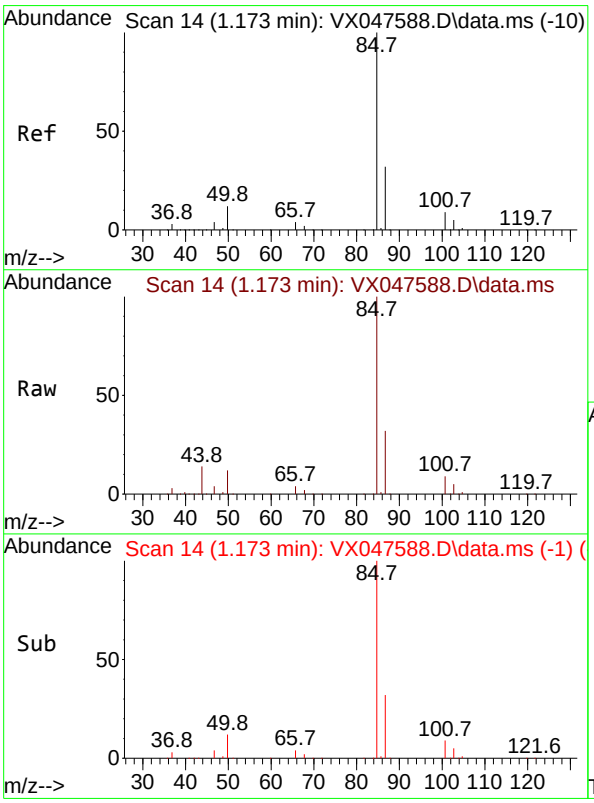
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:168 Resp: 173407

Ion	Ratio	Lower	Upper
168	100		
99	61.0	48.8	73.2

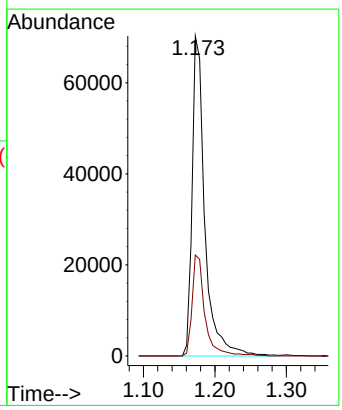


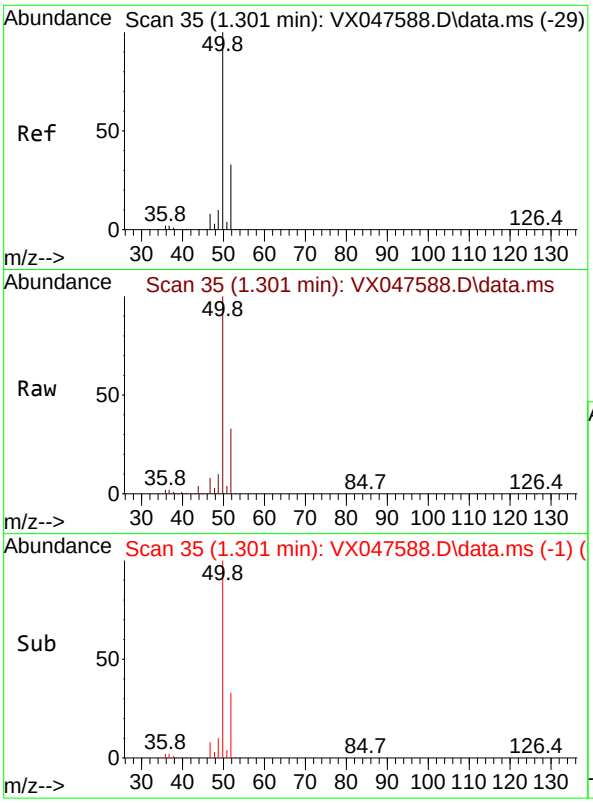


#2
Dichlorodifluoromethane
Concen: 48.352 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 85 Resp: 86824

Ion	Ratio	Lower	Upper
85	100		
87	31.5	15.8	47.3



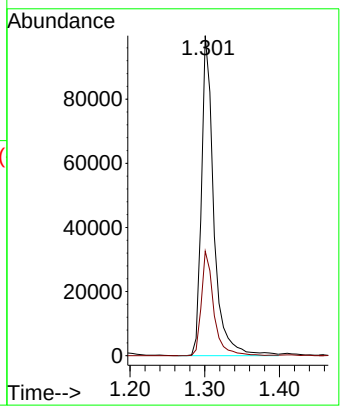


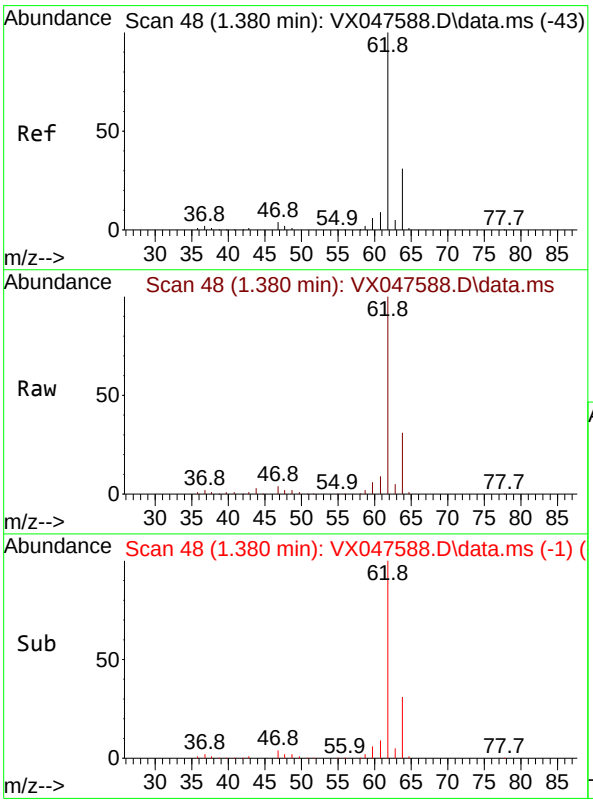
#3
Chloromethane
Concen: 48.594 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 50 Resp: 114682

Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1

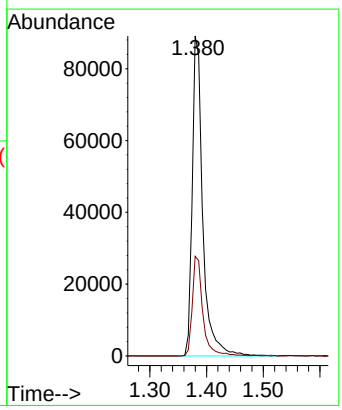


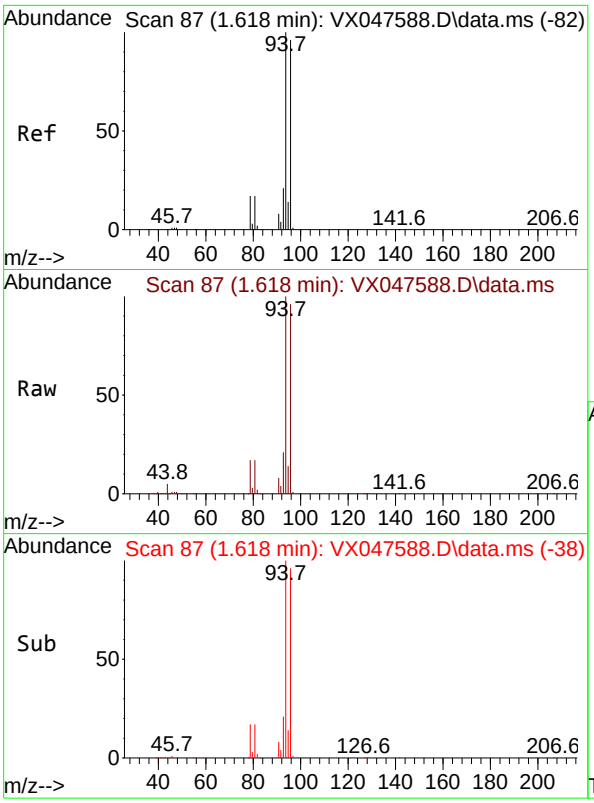


#4
Vinyl Chloride
Concen: 49.635 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 114666

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3



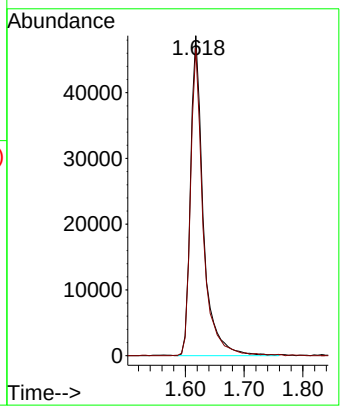


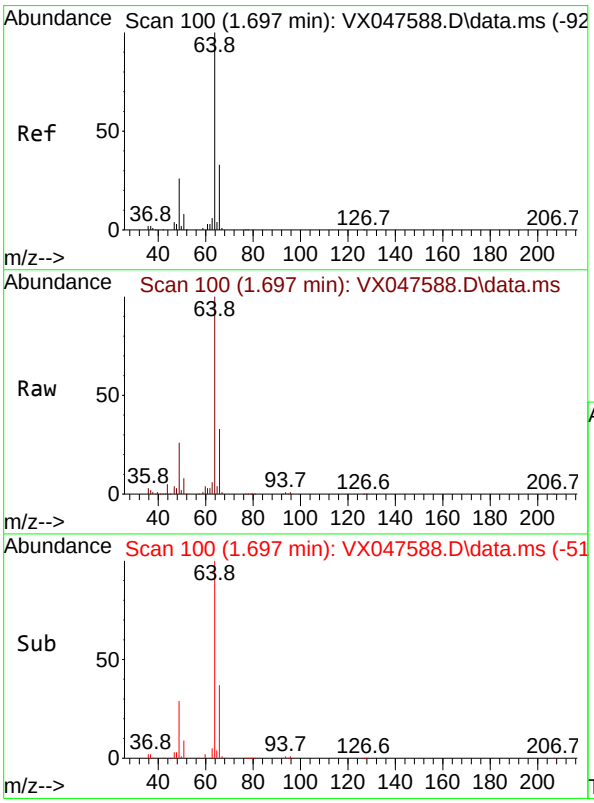
#5
Bromomethane
Concen: 50.216 ug/l
RT: 1.618 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 94 Resp: 73561

Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.6	115.0

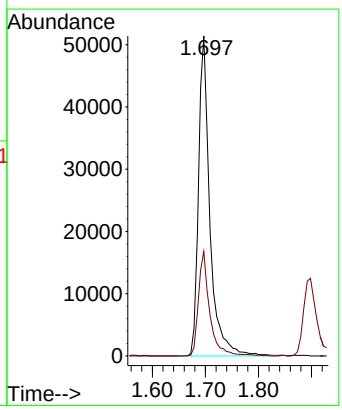


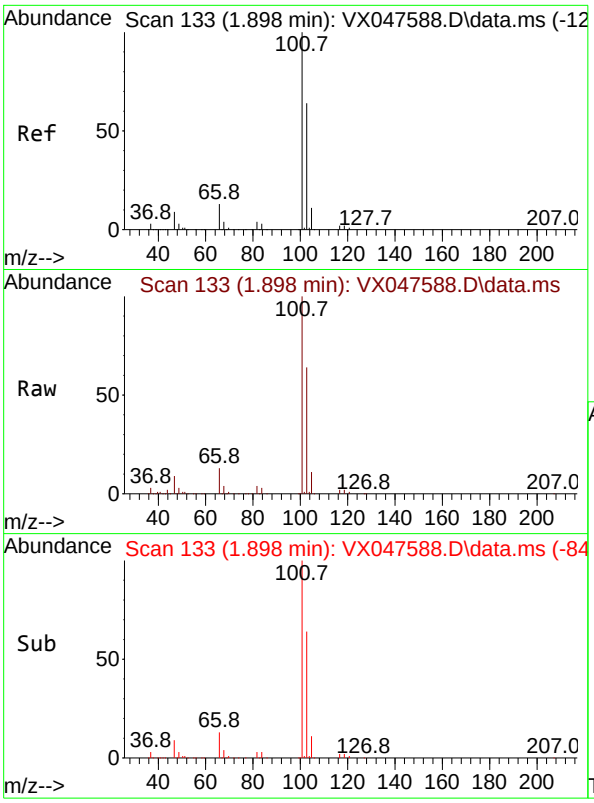


#6
Chloroethane
Concen: 49.698 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 64 Resp: 76736

Ion	Ratio	Lower	Upper
64	100		
66	32.6	26.1	39.1



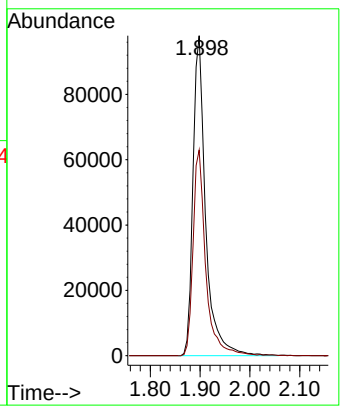


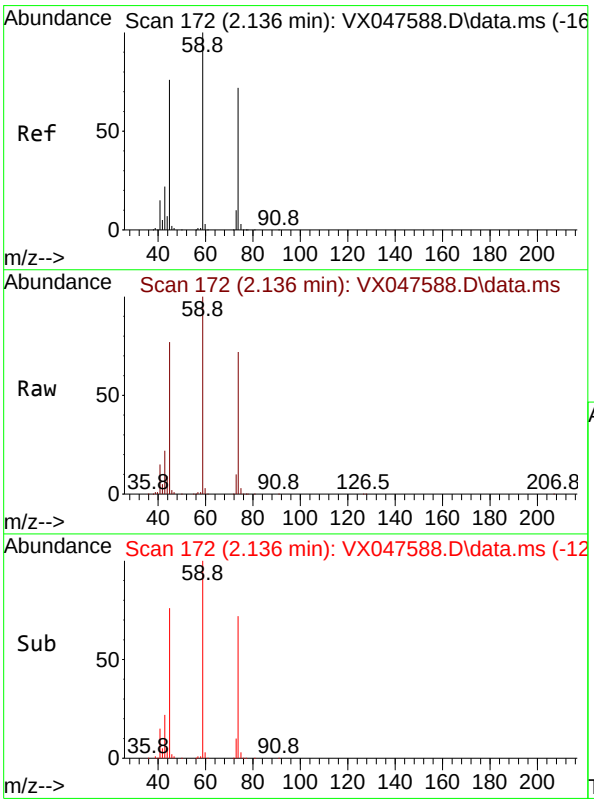
#7
Trichlorofluoromethane
Concen: 50.307 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 172561

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

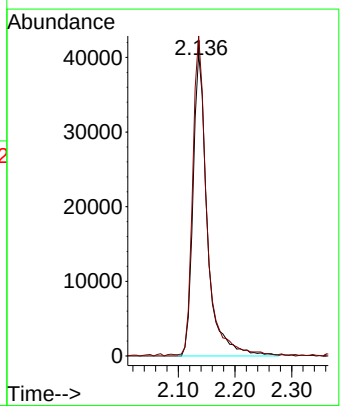


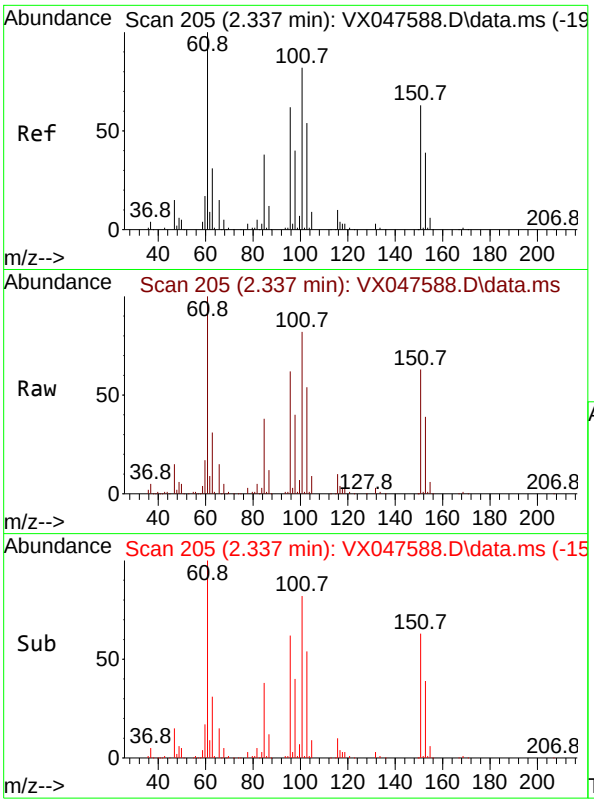


#8
Diethyl Ether
Concen: 50.510 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 74 Resp: 70874

Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	156.8



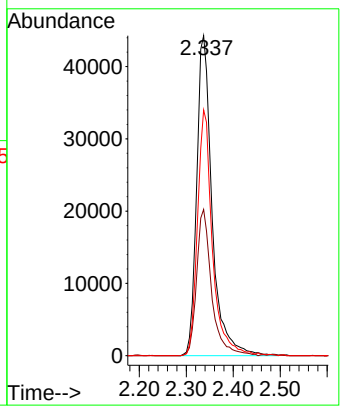


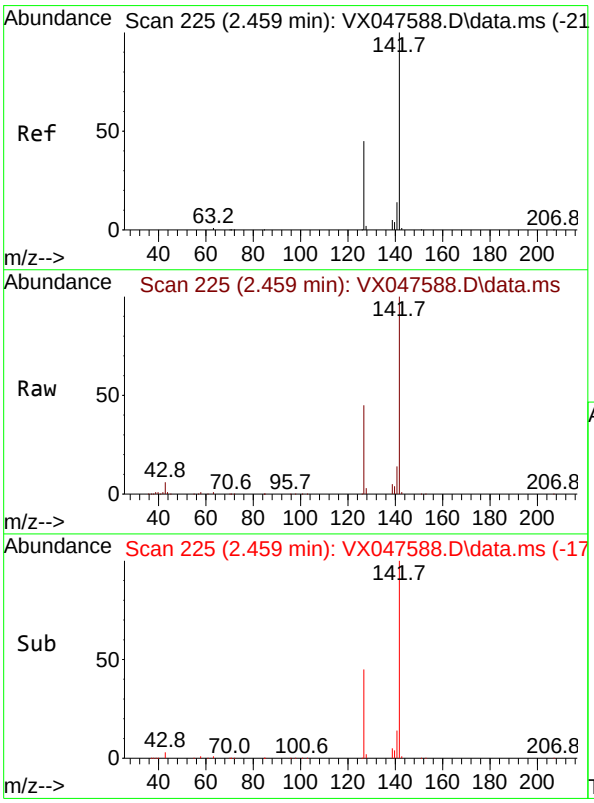
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.445 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 101178

Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	74.2	59.4	89.0

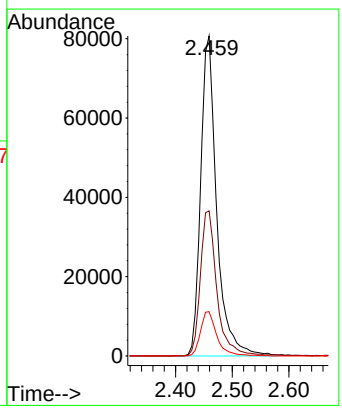


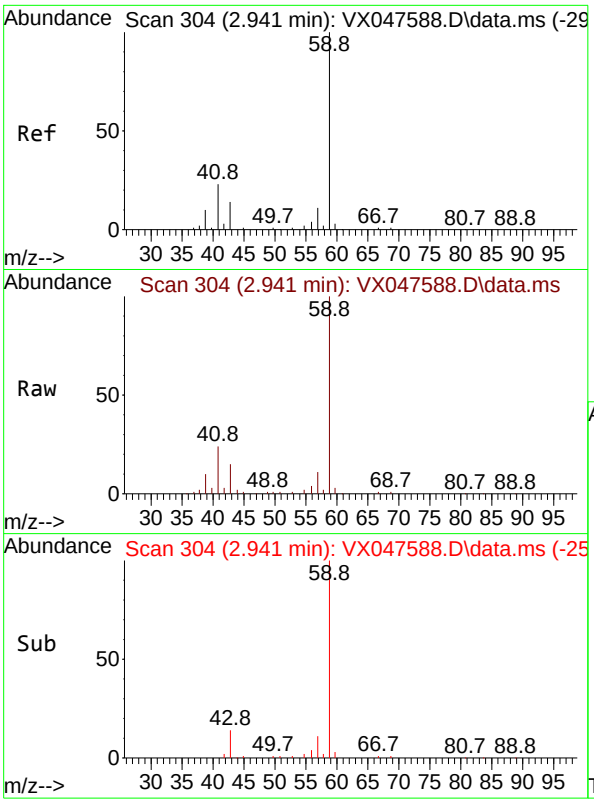


#10
Methyl Iodide
Concen: 50.525 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



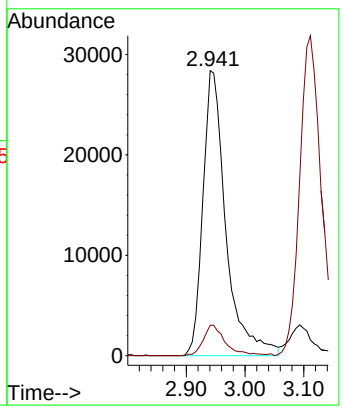


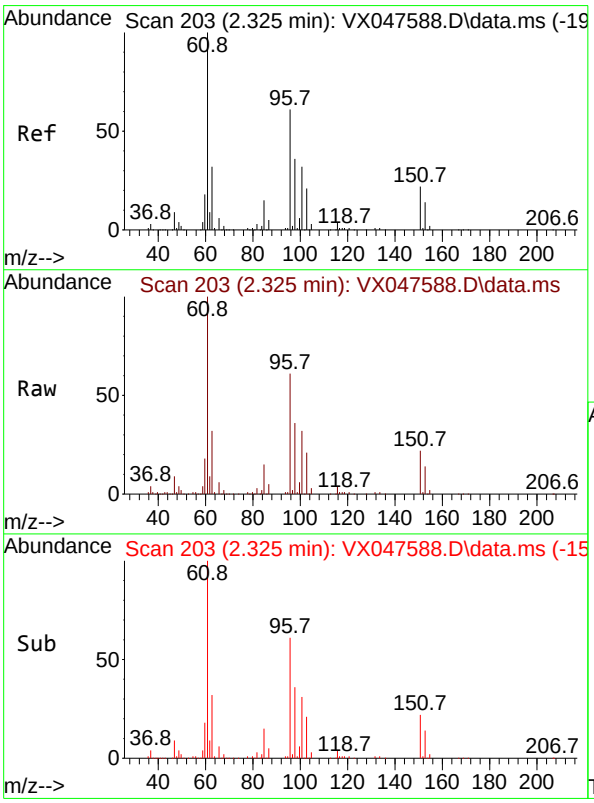
#11
Tert butyl alcohol
Concen: 251.232 ug/l
RT: 2.941 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 77232

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

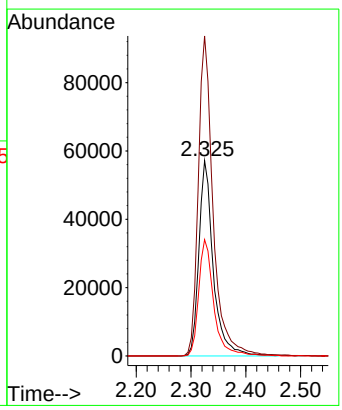


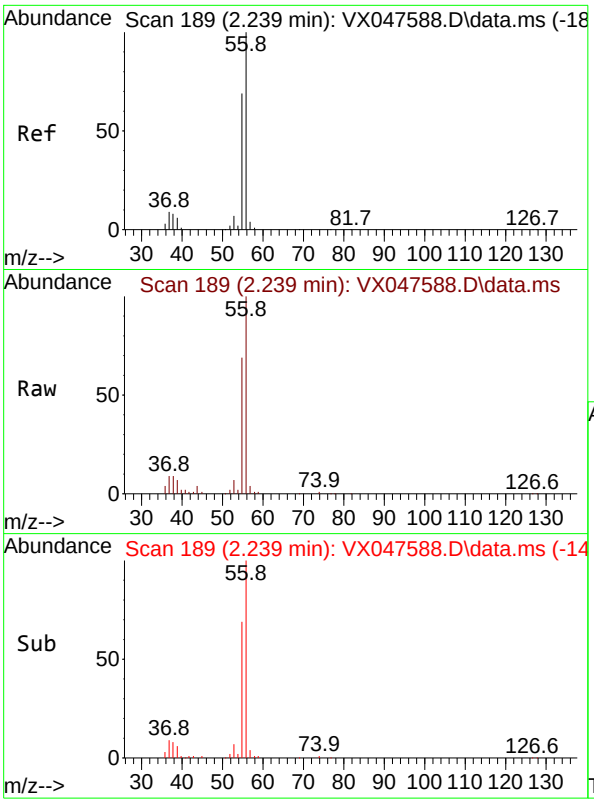


#12
1,1-Dichloroethene
Concen: 50.831 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



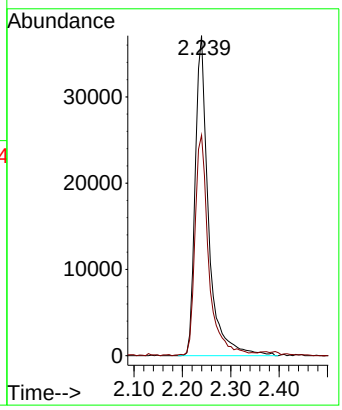


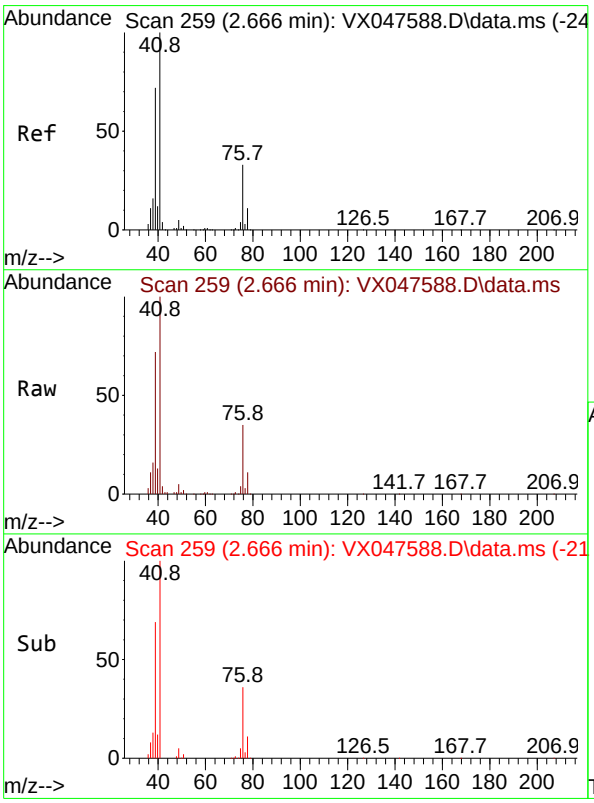
#13
Acrolein
Concen: 249.645 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 70721

Ion	Ratio	Lower	Upper
56	100		
55	71.5	57.2	85.8

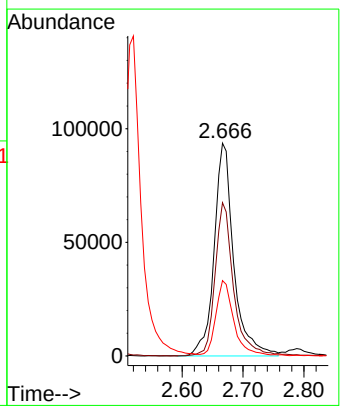


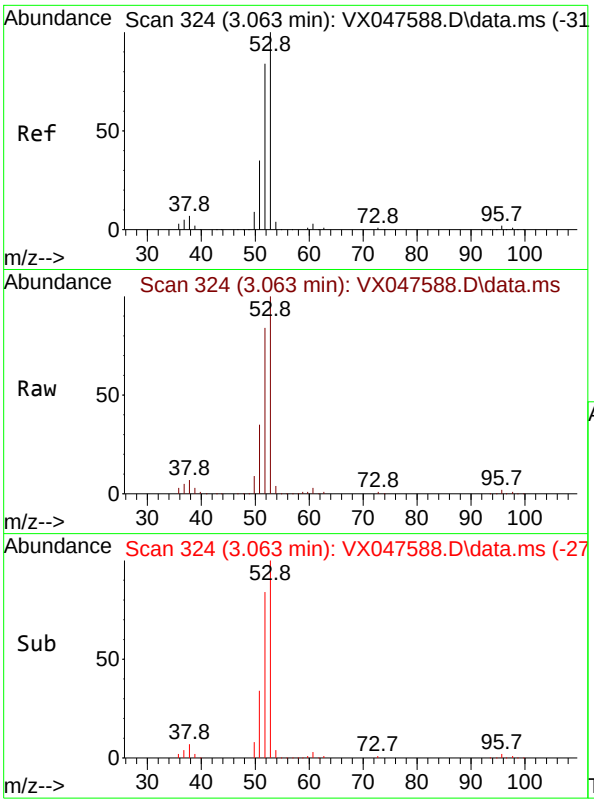


#14
Allyl chloride
Concen: 49.396 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



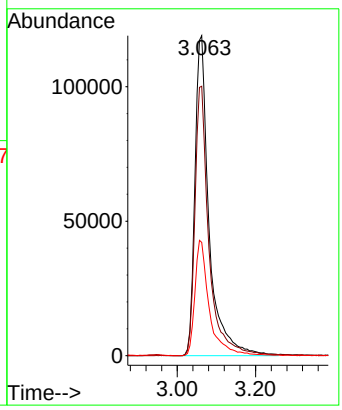


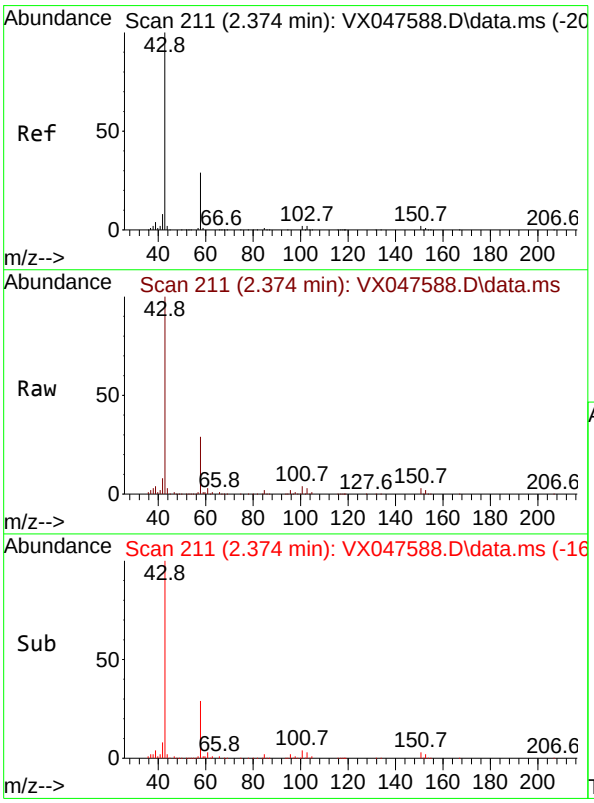
#15
Acrylonitrile
Concen: 264.027 ug/l
RT: 3.063 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 300642

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.4	99.6
51	36.9	29.5	44.3

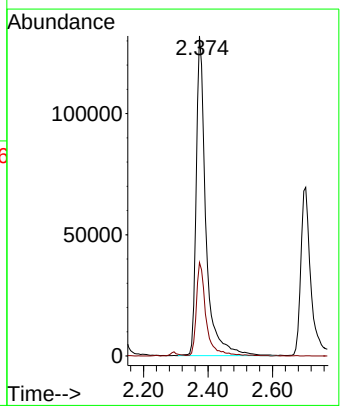


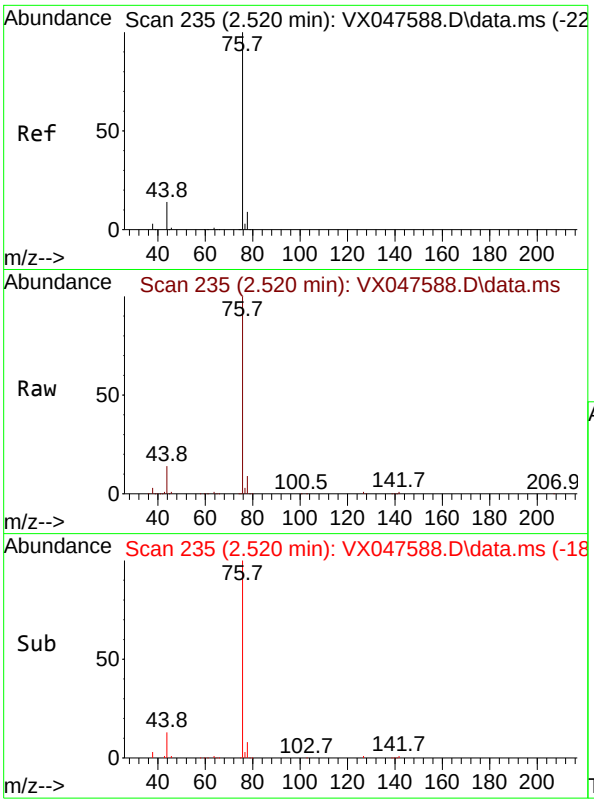


#16
Acetone
Concen: 229.193 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 275065

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.0



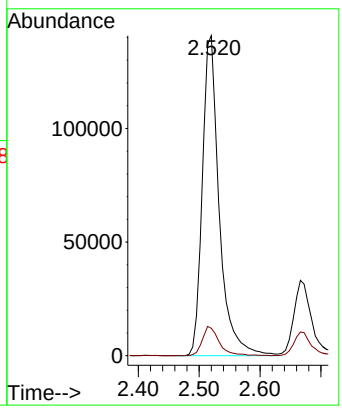


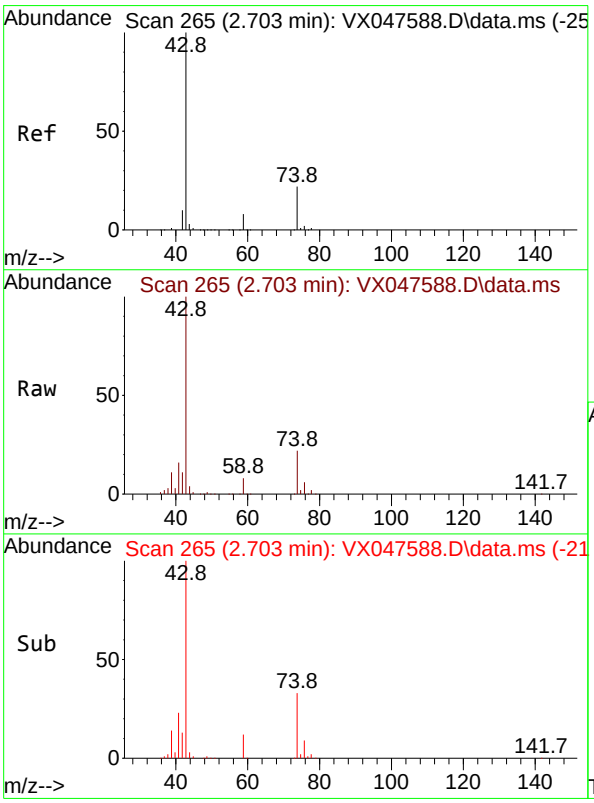
#17
Carbon Disulfide
Concen: 48.133 ug/l
RT: 2.520 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 271480

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2

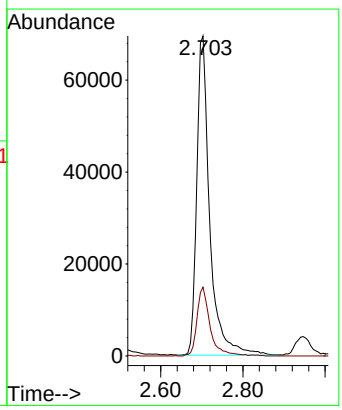


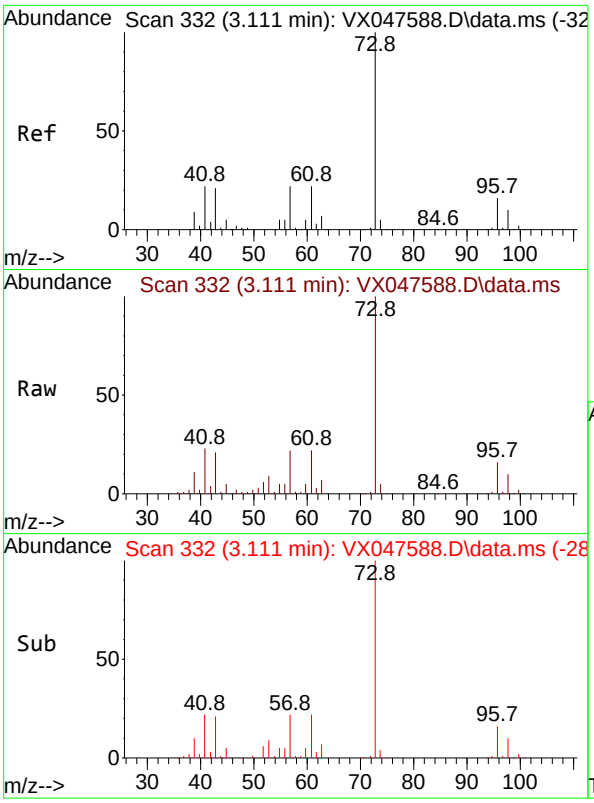


#18
Methyl Acetate
Concen: 56.897 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 43 Resp: 151968

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



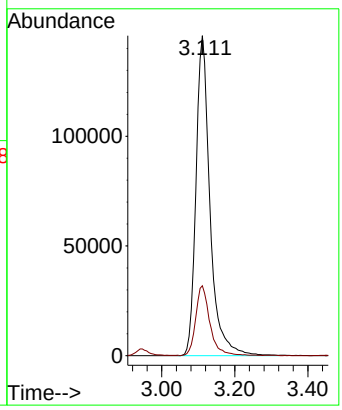


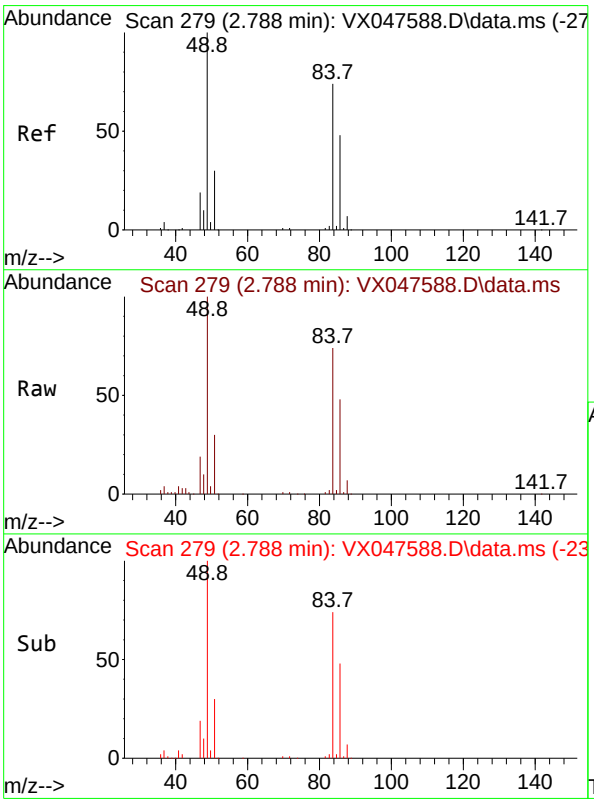
#19
Methyl tert-butyl Ether
Concen: 51.804 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 389607

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2

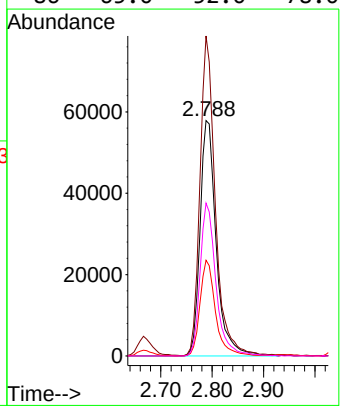


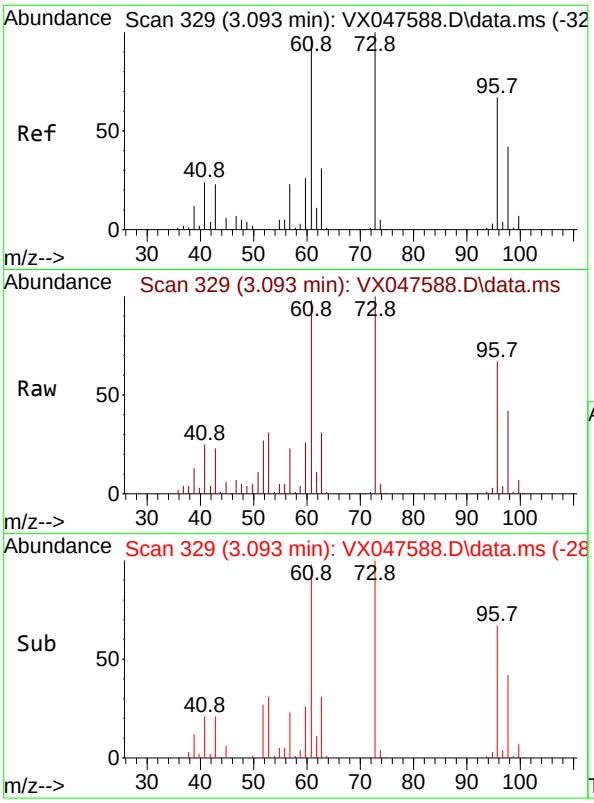


#20
Methylene Chloride
Concen: 49.798 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



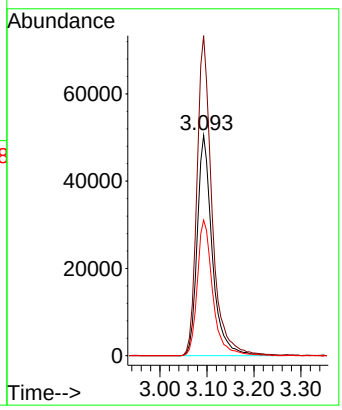


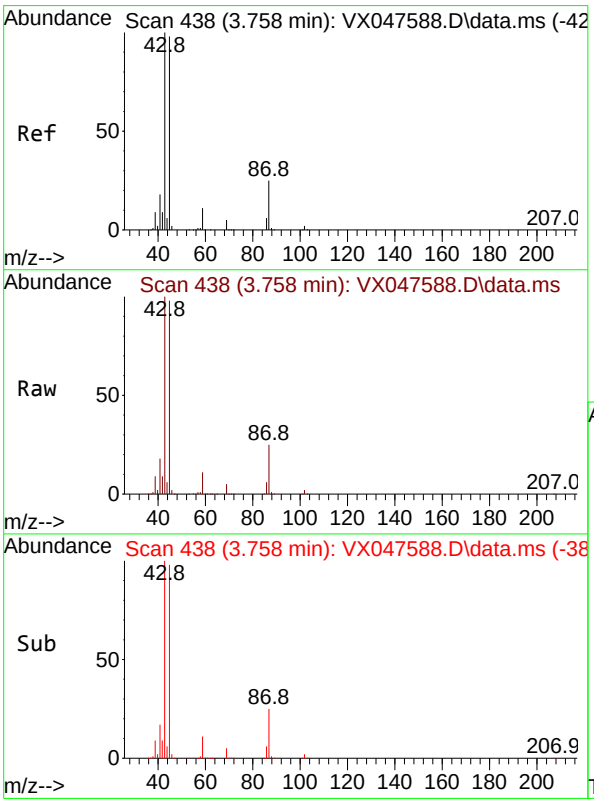
#21
trans-1,2-Dichloroethene
Concen: 50.743 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 112553

Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	61.6	49.3	73.9

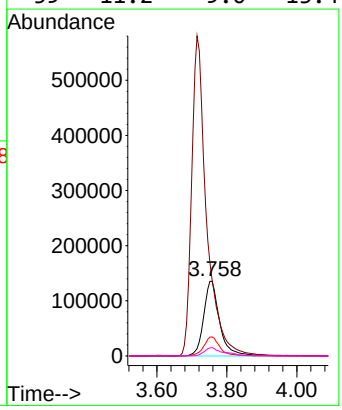


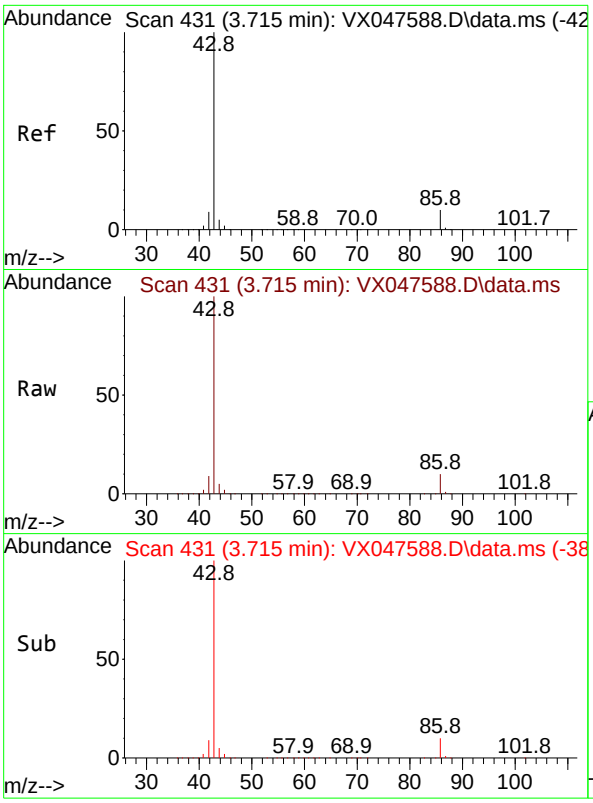


#22
Diisopropyl ether
Concen: 52.131 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



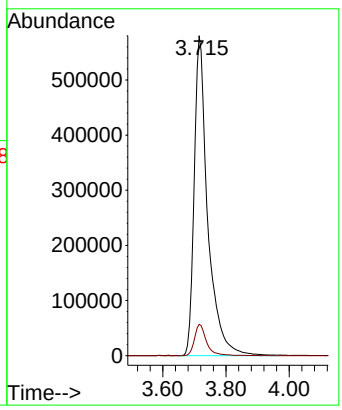


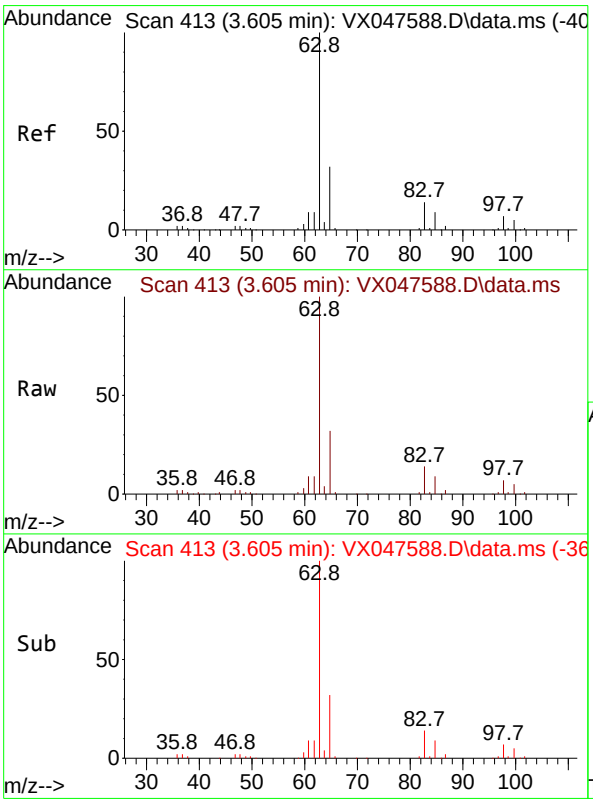
#23
Vinyl Acetate
Concen: 261.852 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1726735

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

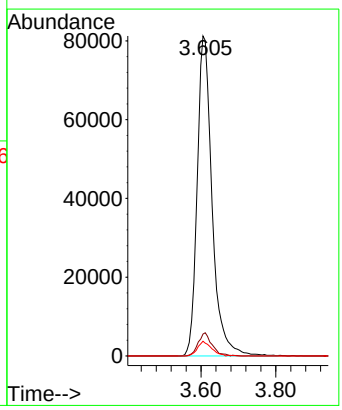


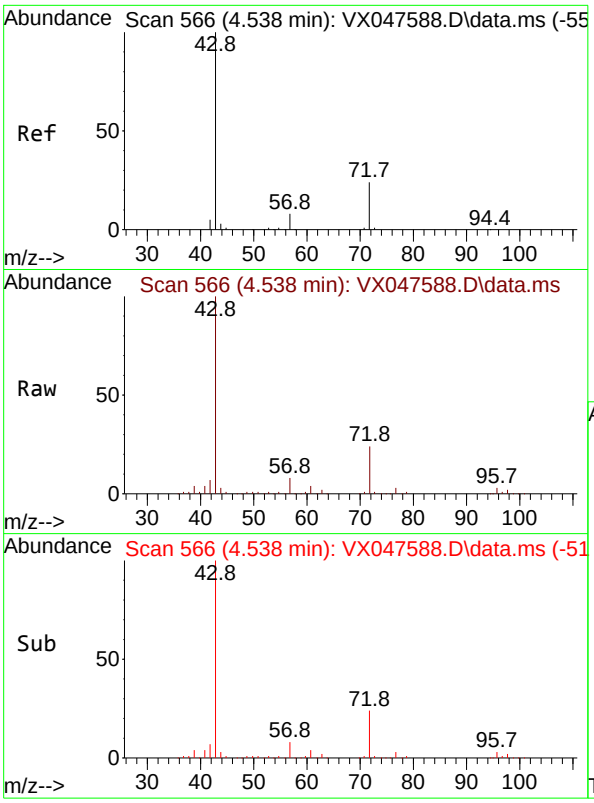


#24
1,1-Dichloroethane
Concen: 51.338 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



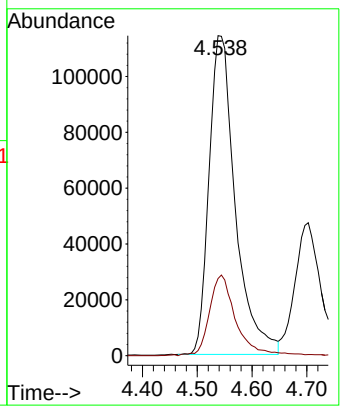


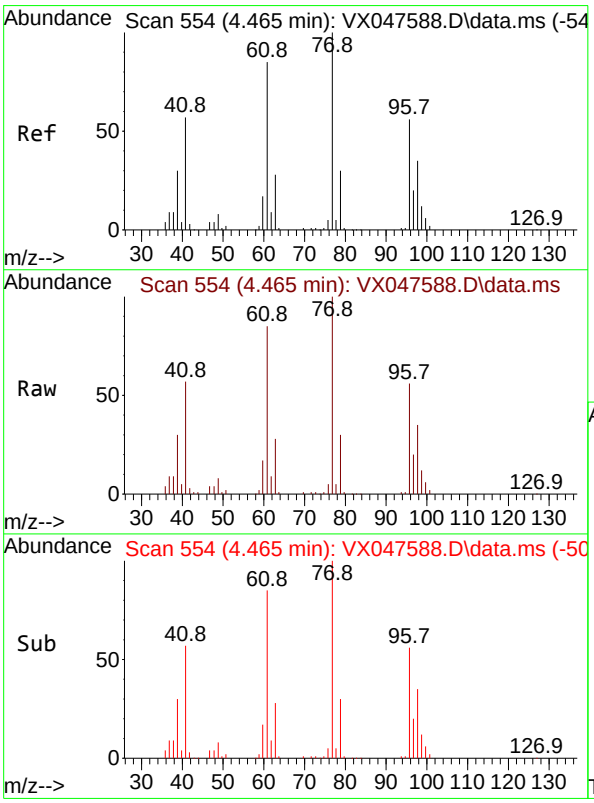
#25
2-Butanone
Concen: 254.060 ug/l
RT: 4.538 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 380335

Ion	Ratio	Lower	Upper
43	100		
72	25.1	20.1	30.1

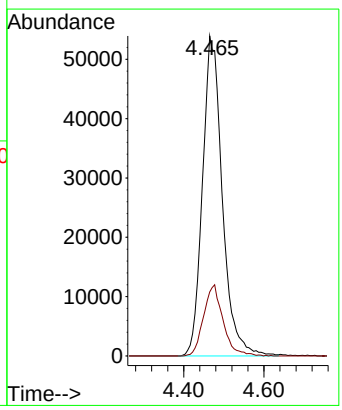


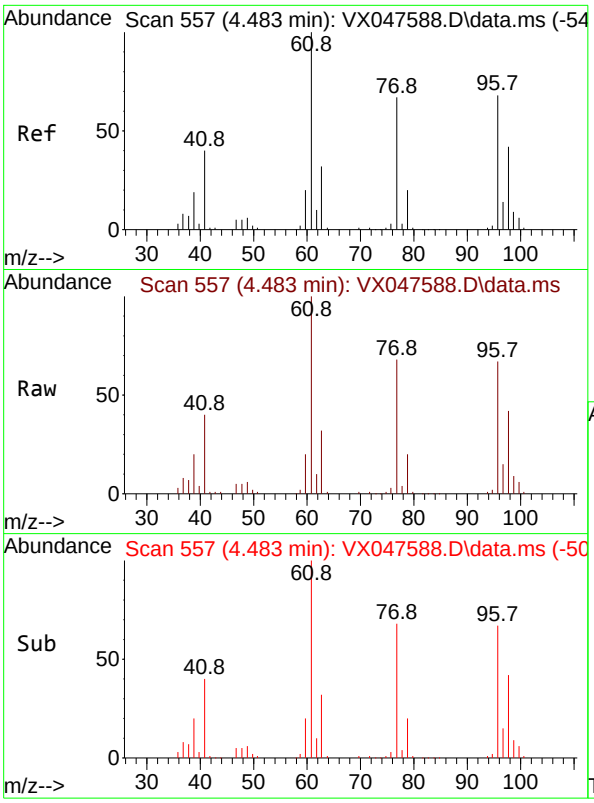


#26
2,2-Dichloropropane
Concen: 50.888 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 77 Resp: 185247

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.9	32.7



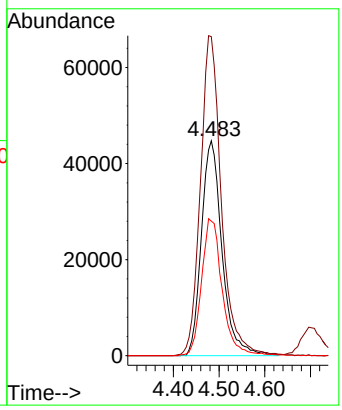


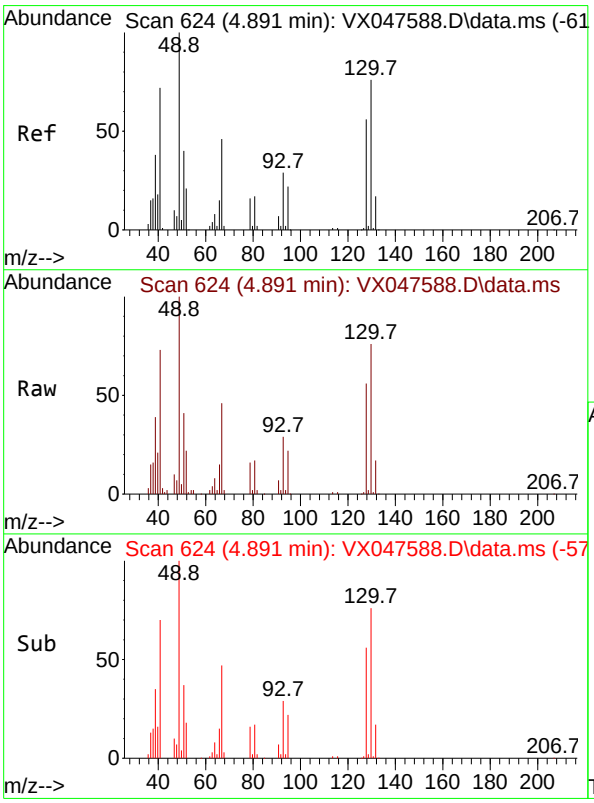
#27
cis-1,2-Dichloroethene
Concen: 51.576 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 140105

Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	303.2
98	63.9	0.0	127.8

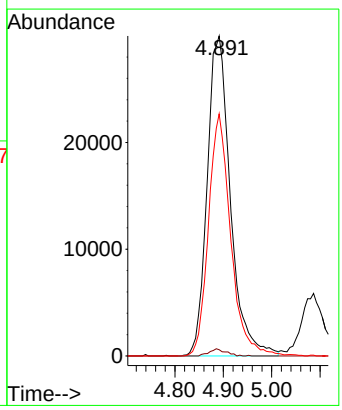


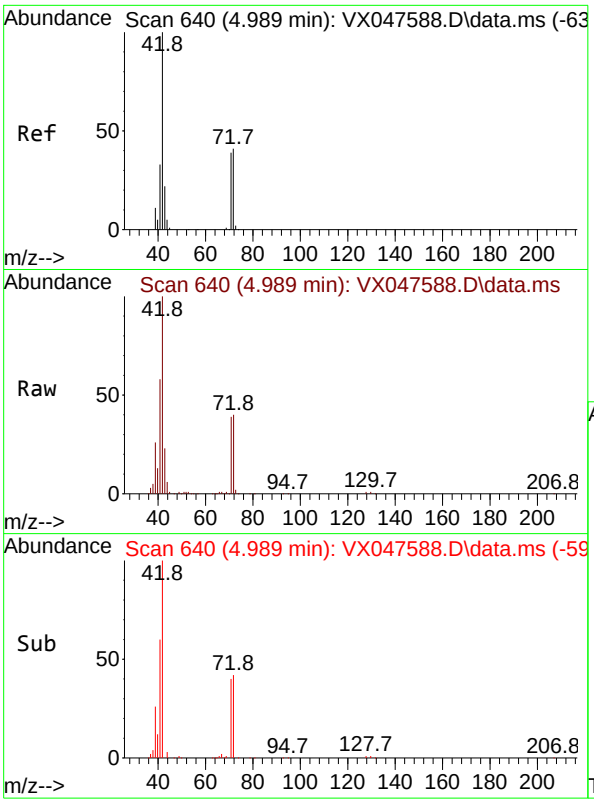


#28
Bromochloromethane
Concen: 52.301 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



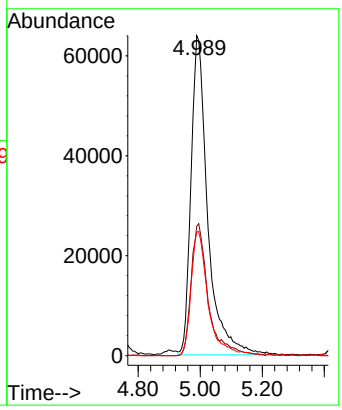


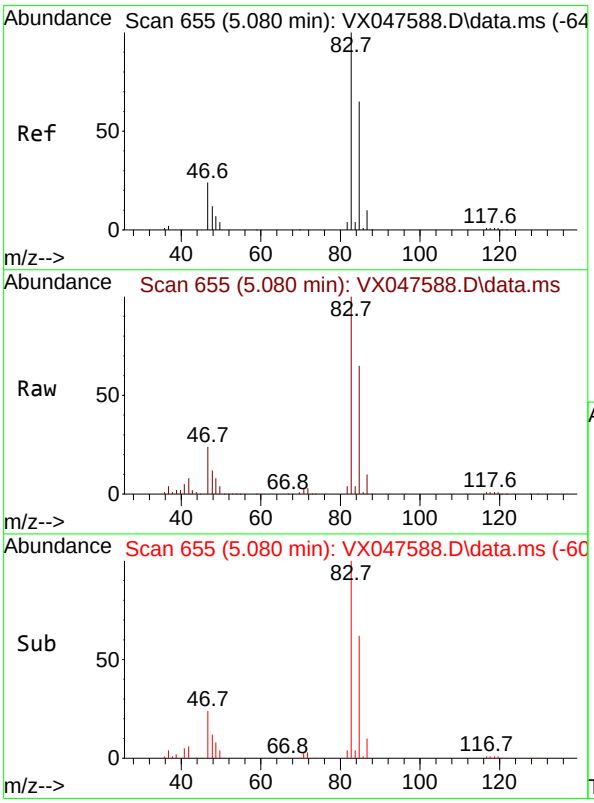
#29
Tetrahydrofuran
Concen: 265.026 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 238677

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	39.9	31.9	47.9

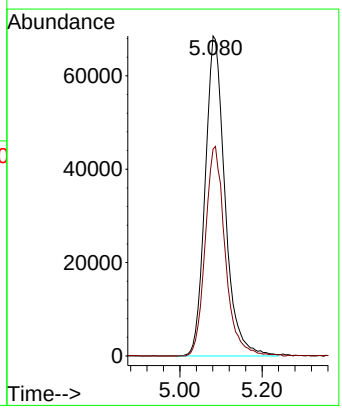


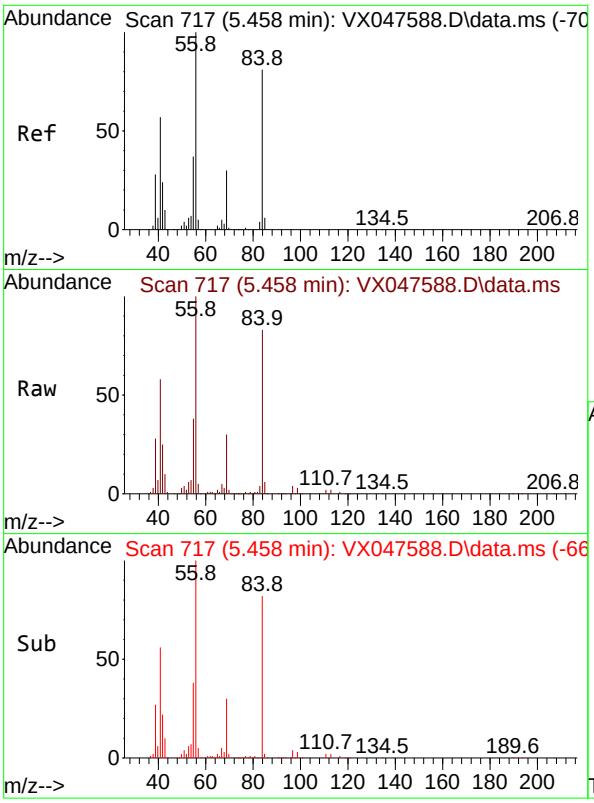


#30
Chloroform
Concen: 51.844 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 83 Resp: 229430

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6



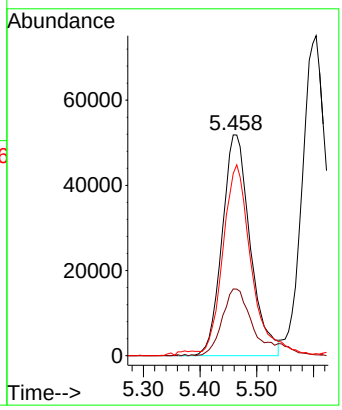


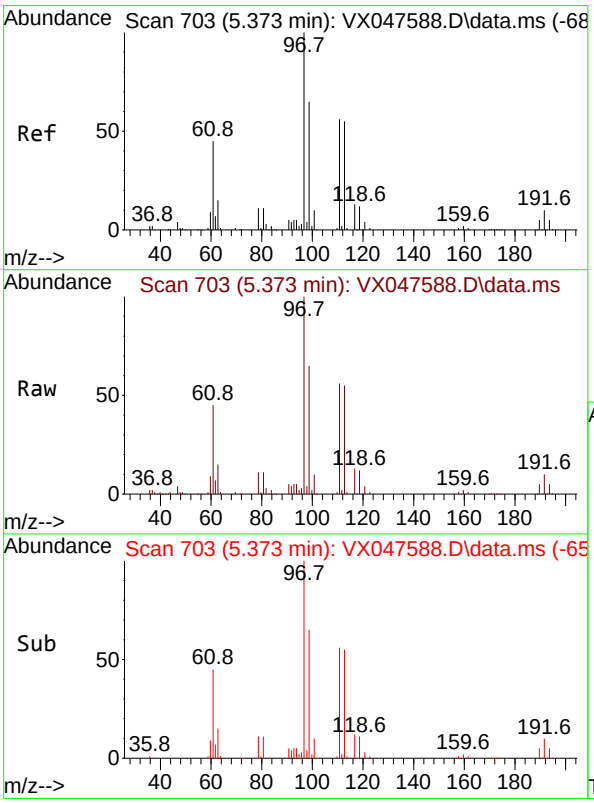
#31
Cyclohexane
Concen: 48.952 ug/l
RT: 5.458 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 178546

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.8	35.8
84	80.8	64.6	97.0

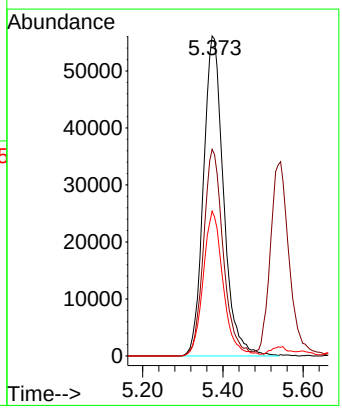


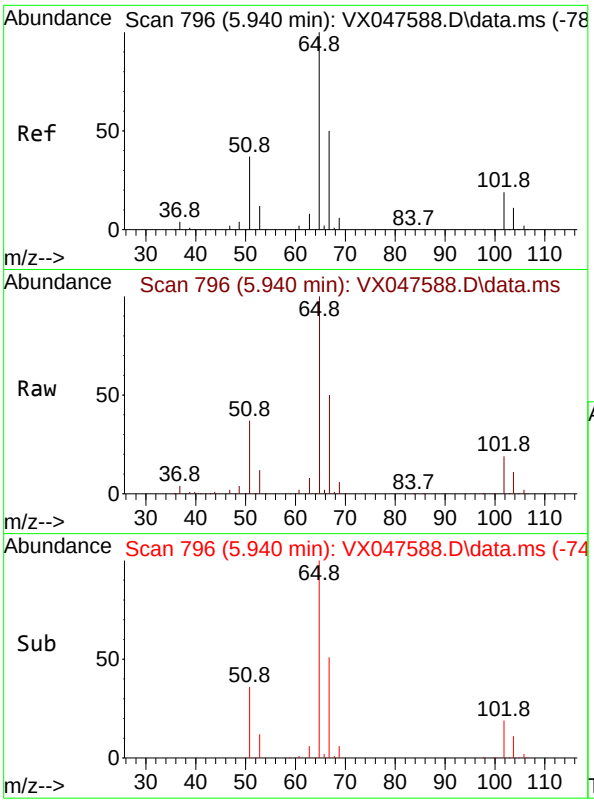


#32
1,1,1-Trichloroethane
Concen: 52.058 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



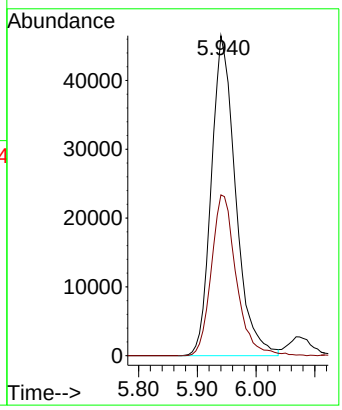


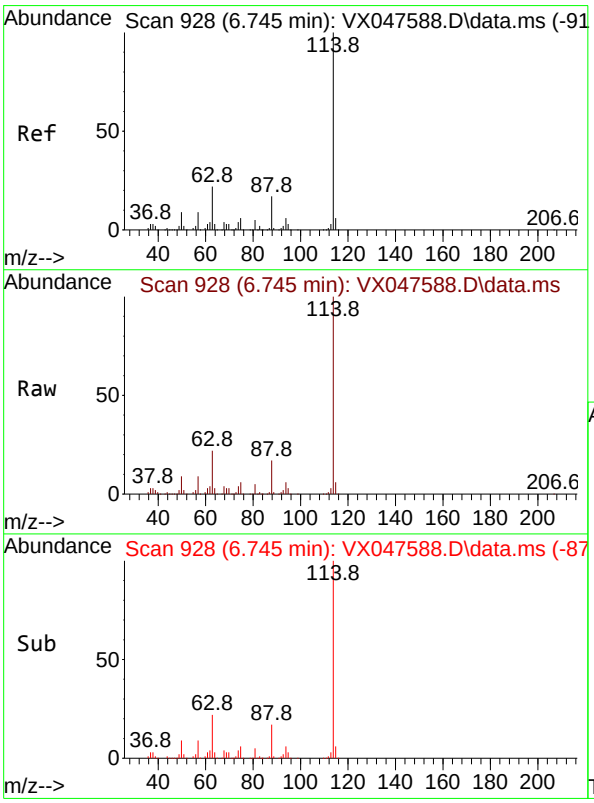
#33
1,2-Dichloroethane-d4
Concen: 48.404 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 133606

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

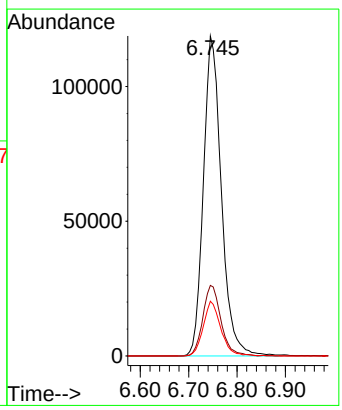


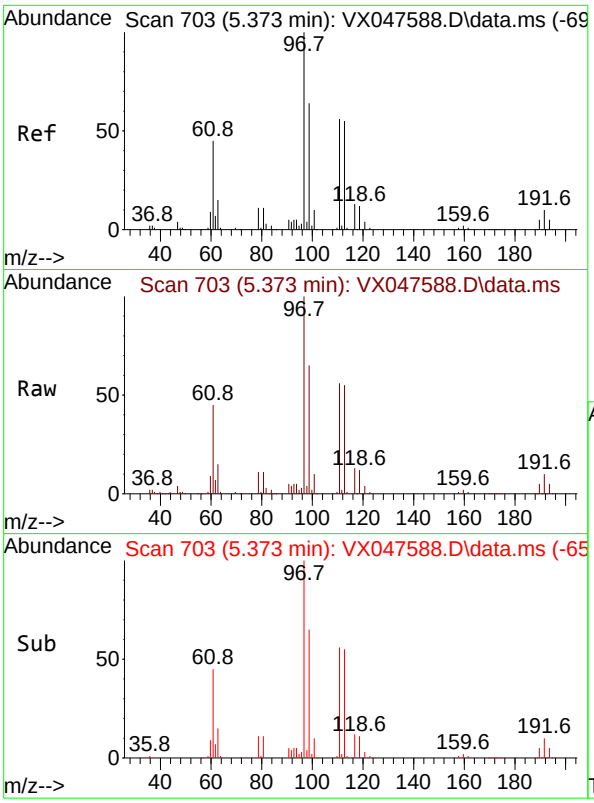


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



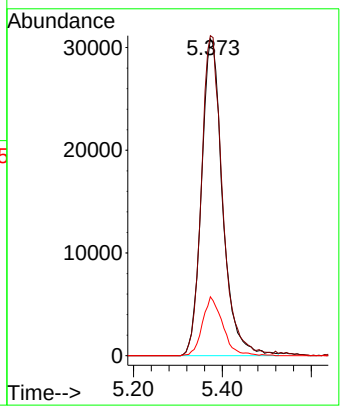


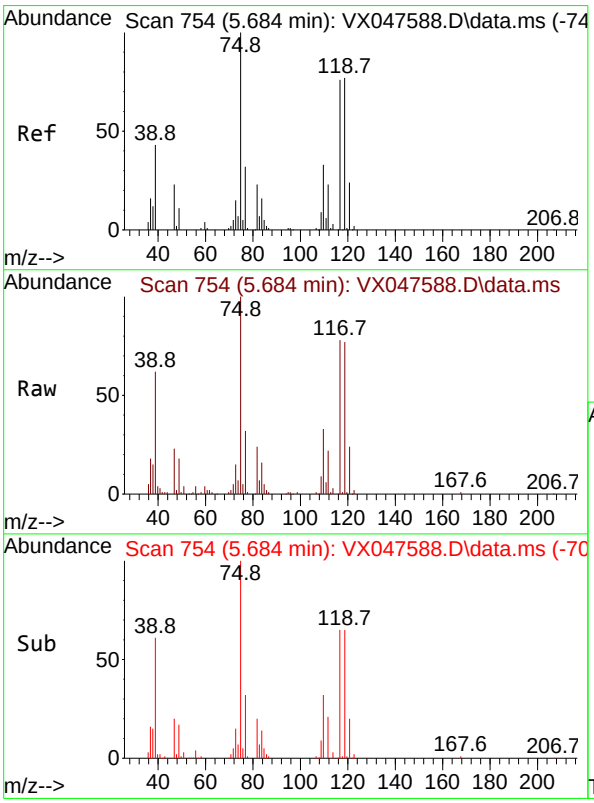
#35
Dibromofluoromethane
Concen: 49.298 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 101627

Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.9	121.3
192	17.8	14.2	21.4

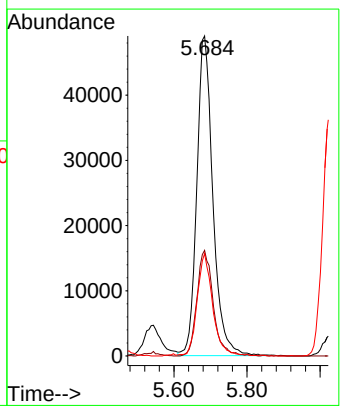


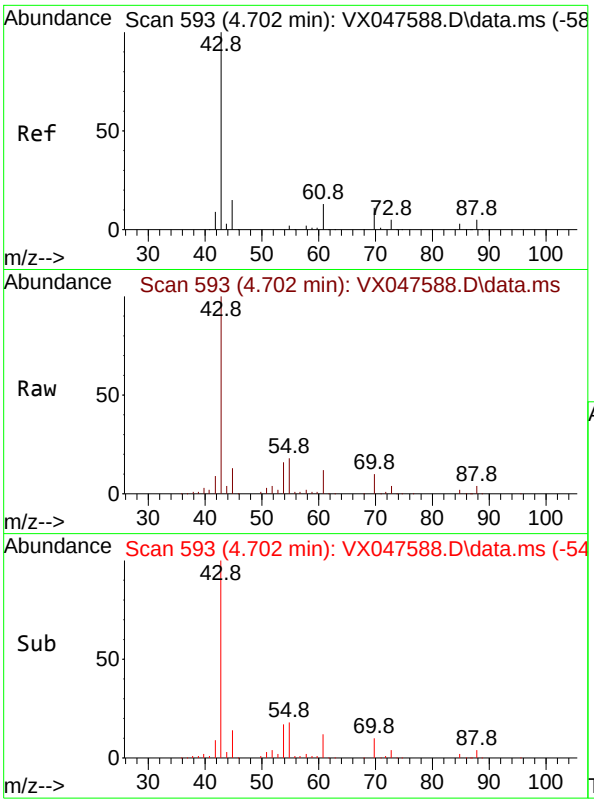


#36
1,1-Dichloropropene
Concen: 49.729 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



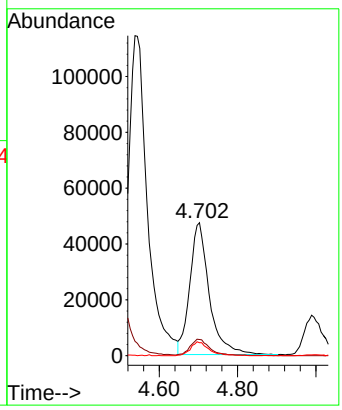


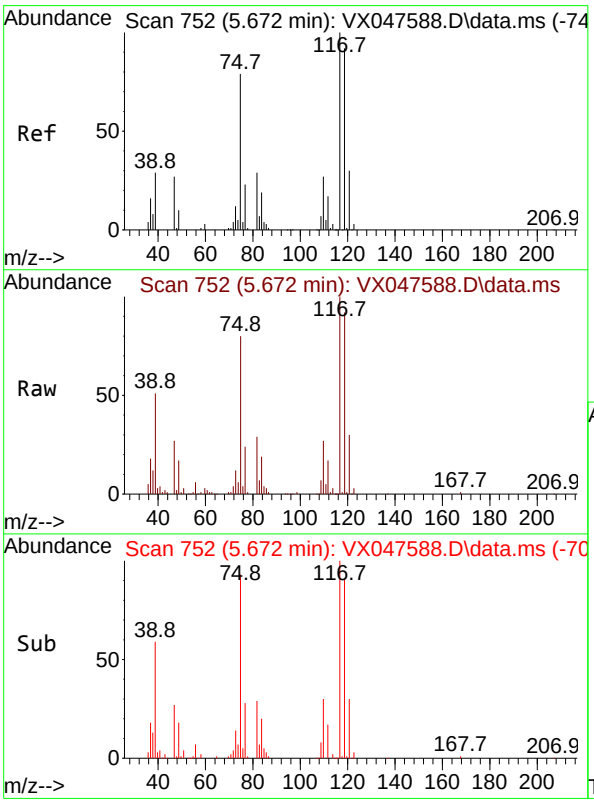
#37
Ethyl Acetate
Concen: 50.687 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 163482

Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	9.9	7.9	11.9

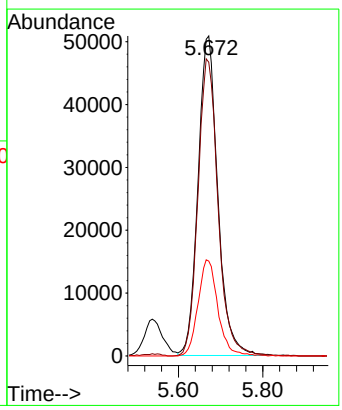


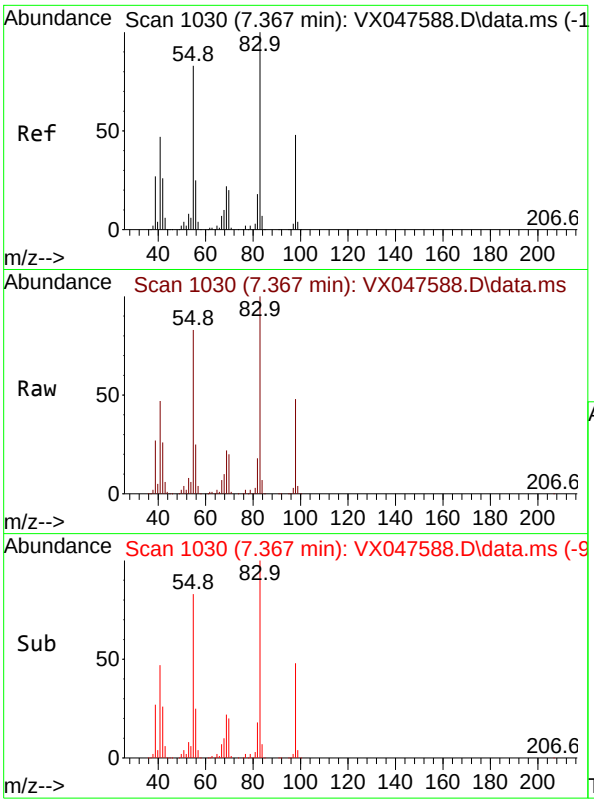


#38
Carbon Tetrachloride
Concen: 50.637 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



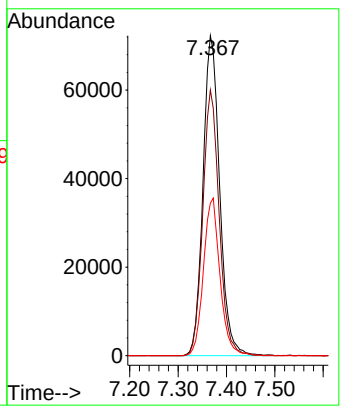


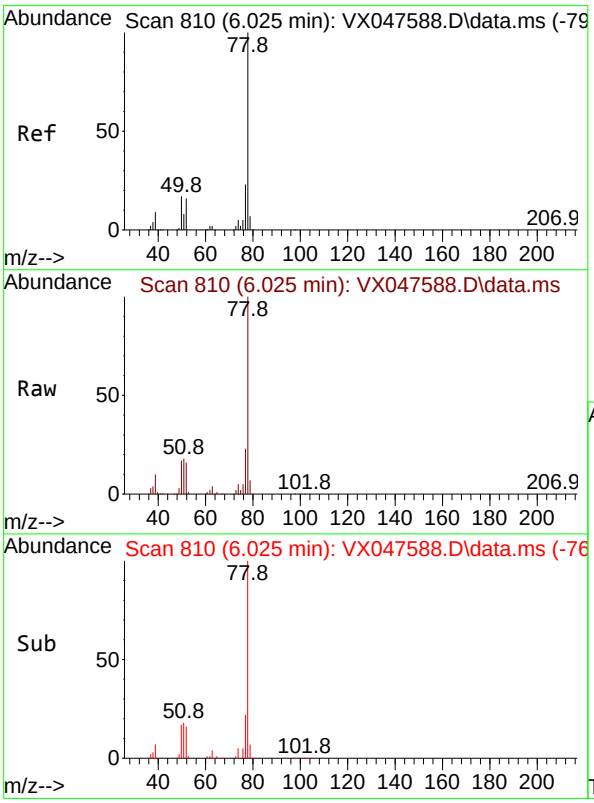
#39
Methylcyclohexane
Concen: 50.773 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 173610

Ion	Ratio	Lower	Upper
83	100		
55	83.0	66.4	99.6
98	47.6	38.1	57.1

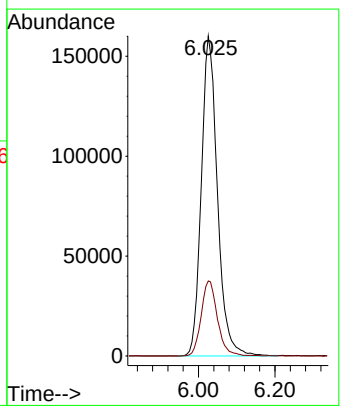


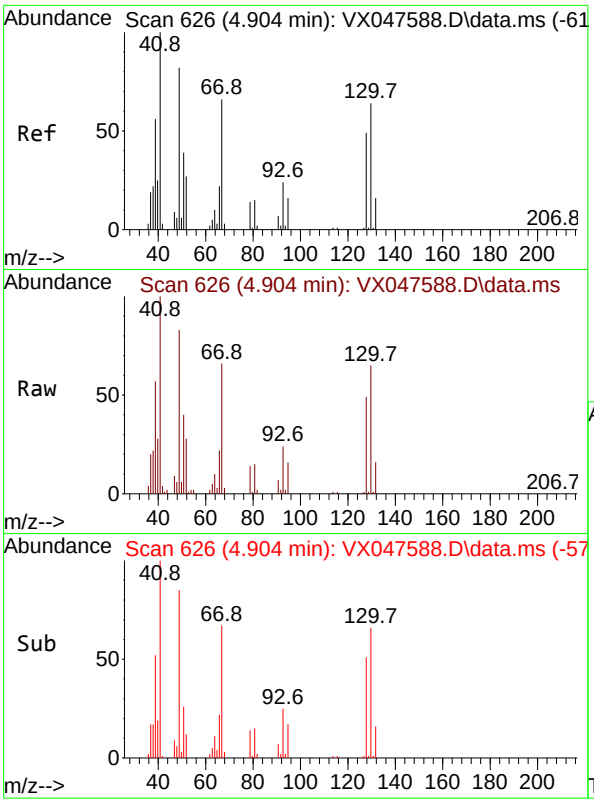


#40
Benzene
Concen: 51.167 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 78 Resp: 468136

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



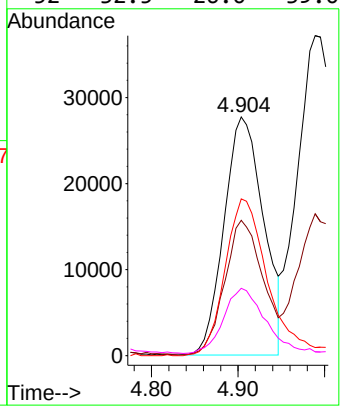


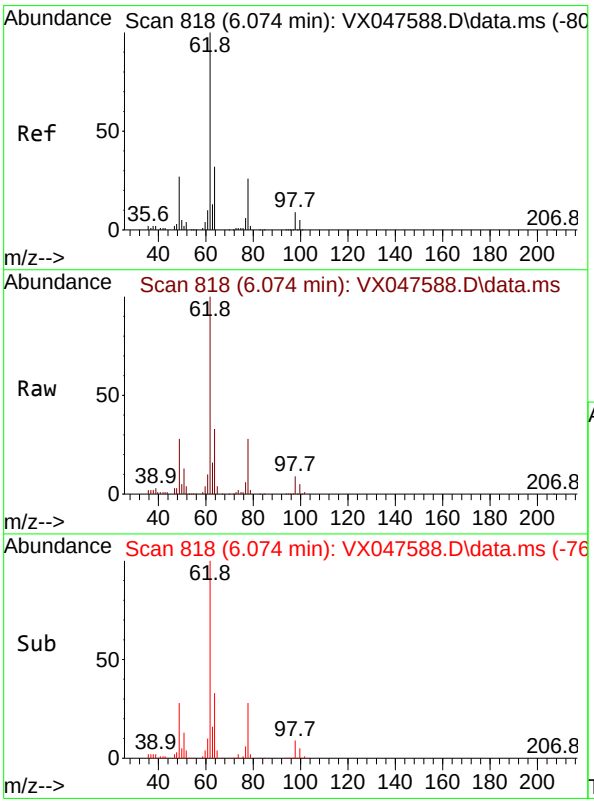
#41
Methacrylonitrile
Concen: 52.707 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 87761

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

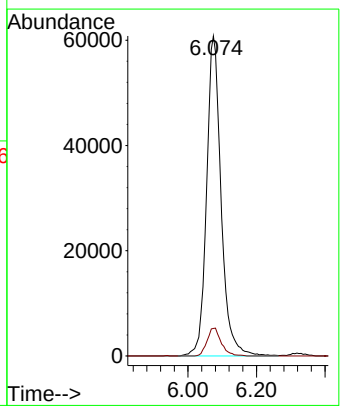


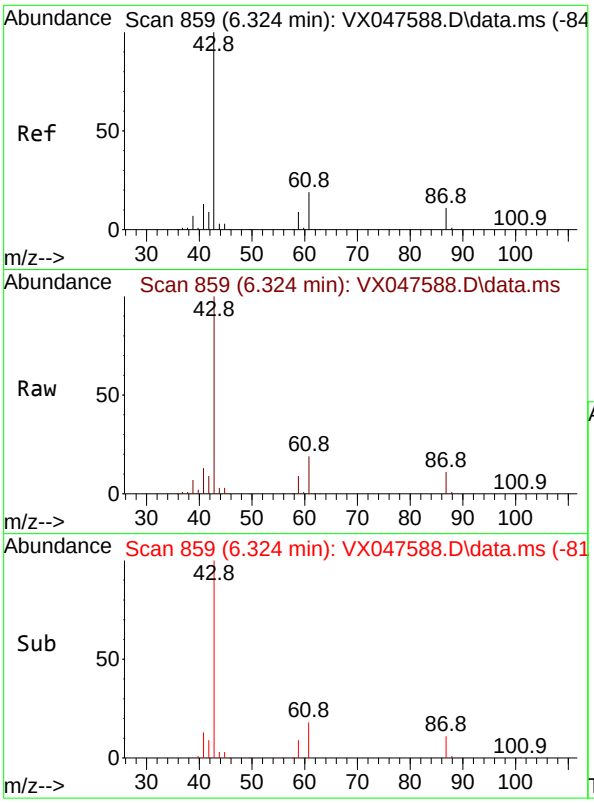


#42
1,2-Dichloroethane
Concen: 51.431 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 62 Resp: 179037

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0



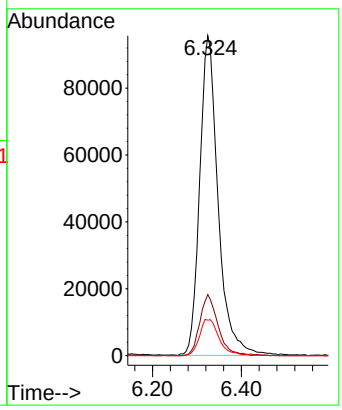


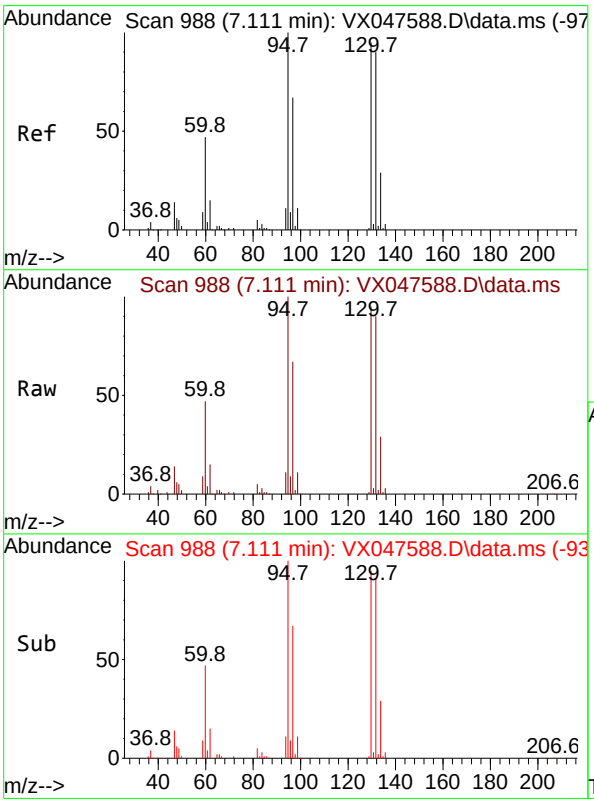
#43
Isopropyl Acetate
Concen: 52.096 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 275572

Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	12.0	9.6	14.4

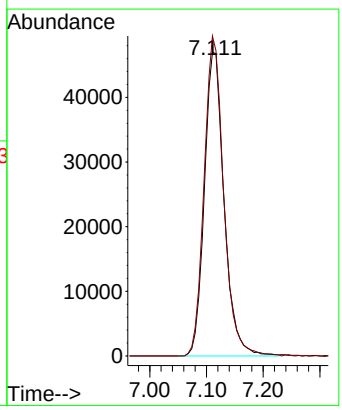


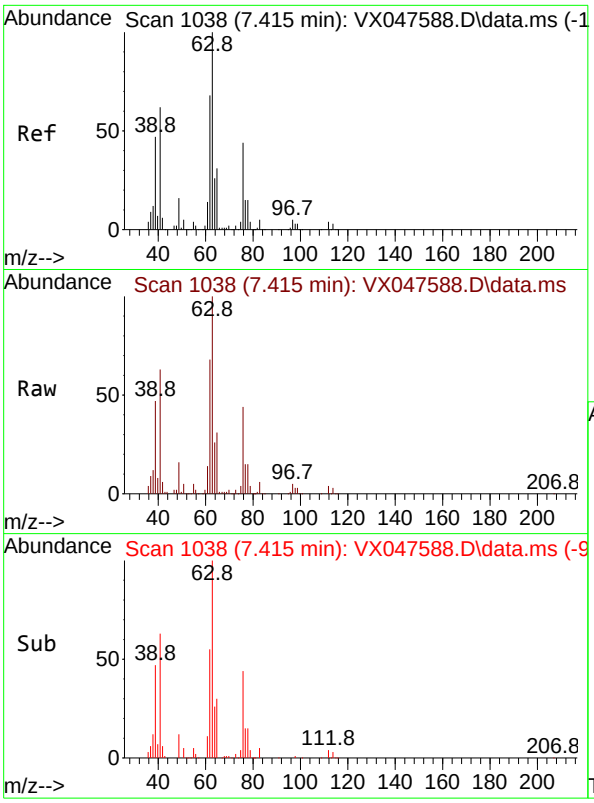


#44
Trichloroethene
Concen: 51.463 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:130 Resp: 113832

Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	210.8



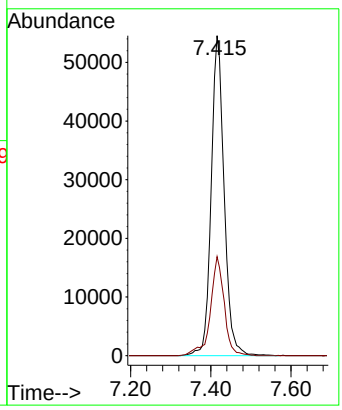


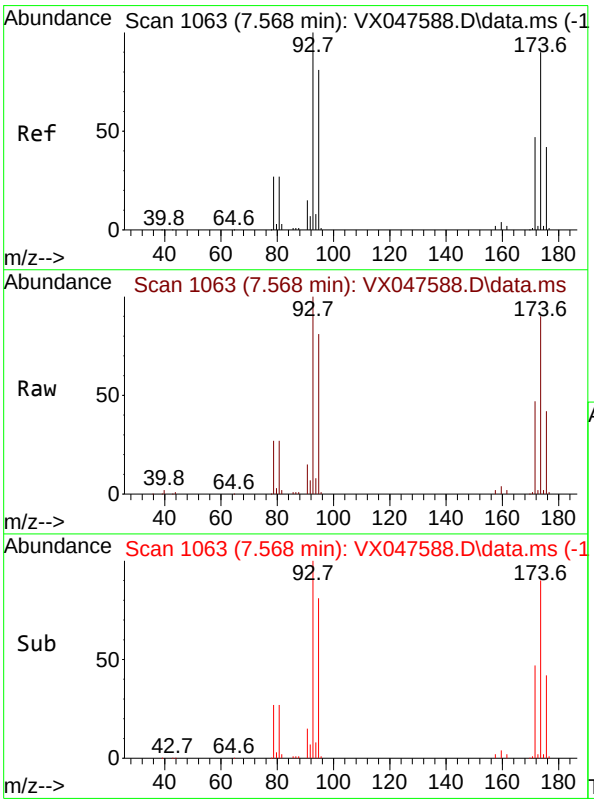
#45
1,2-Dichloropropane
Concen: 52.122 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 122109

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

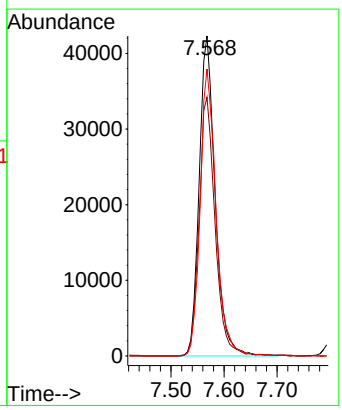


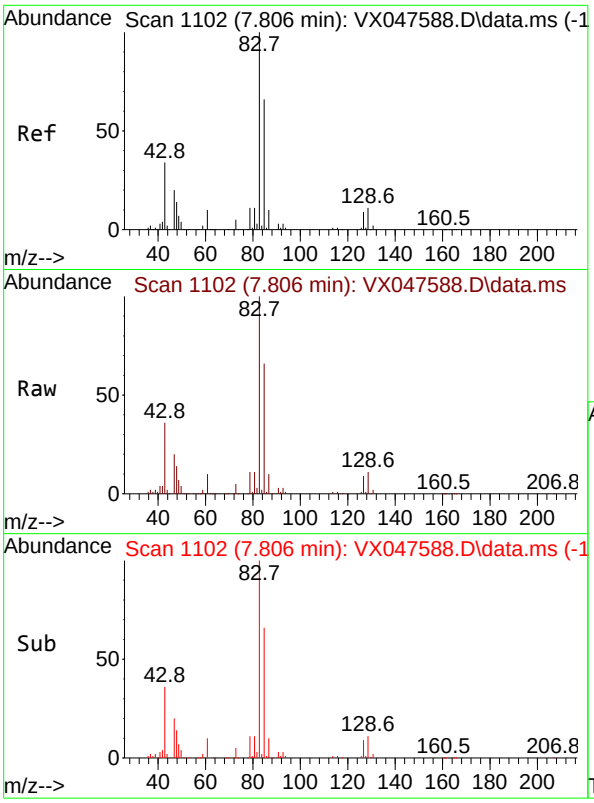


#46
Dibromomethane
Concen: 51.914 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



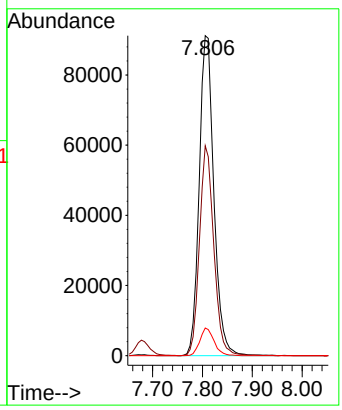


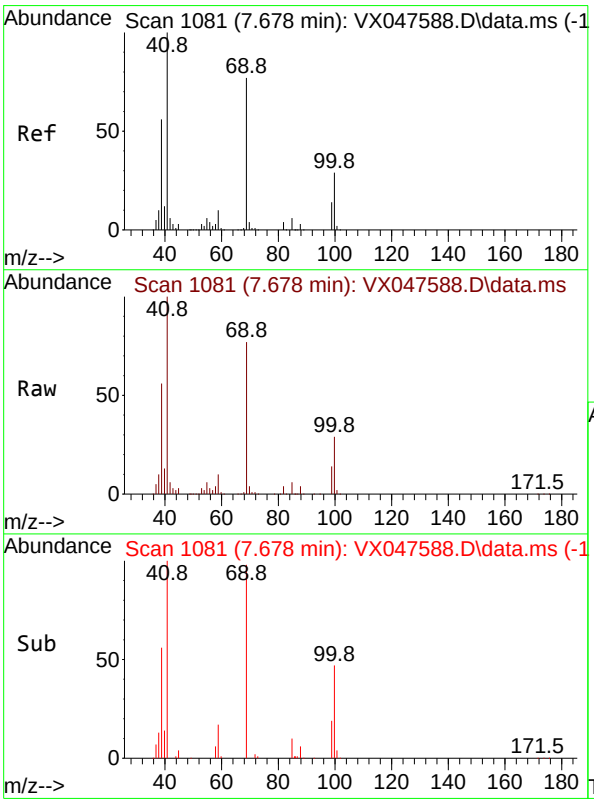
#47
Bromodichloromethane
Concen: 53.025 ug/l
RT: 7.806 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 186540

Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.5	78.7
127	8.6	6.9	10.3

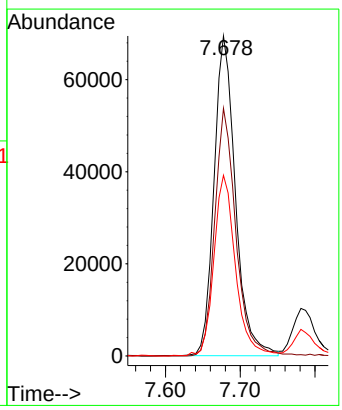


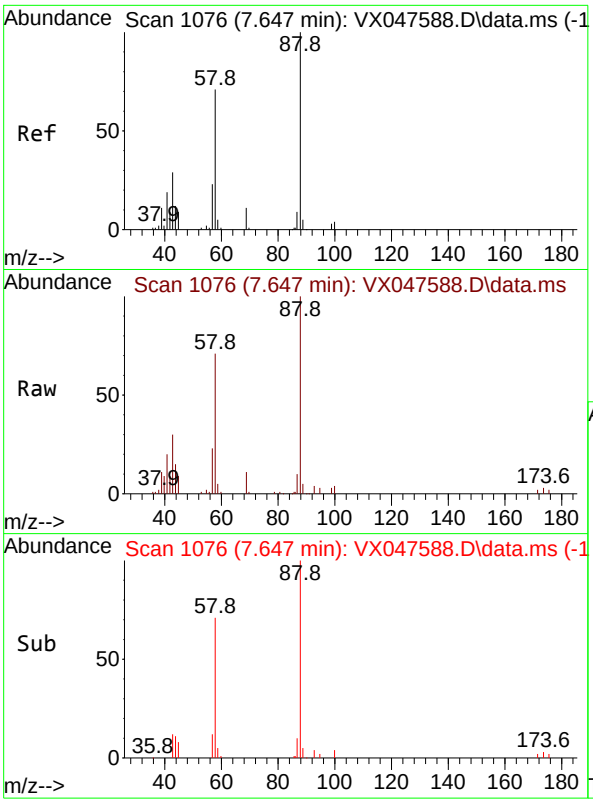


#48
Methyl methacrylate
Concen: 52.438 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



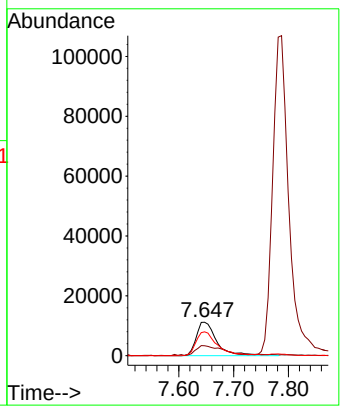


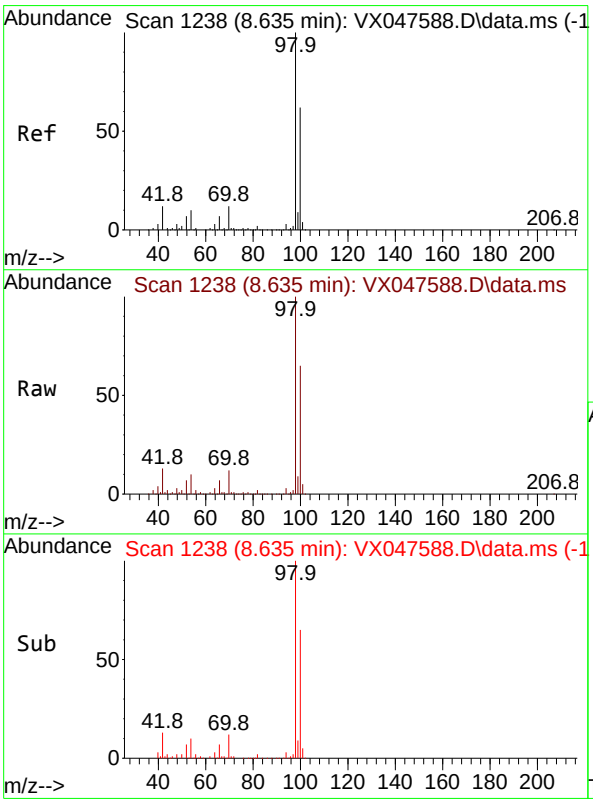
#49
1,4-Dioxane
Concen: 1107.698 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 29496

Ion	Ratio	Lower	Upper
88	100		
43	37.7	30.2	45.2
58	74.4	59.5	89.3

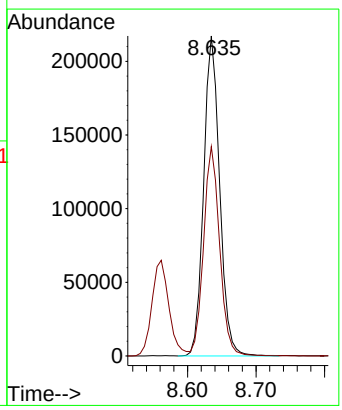


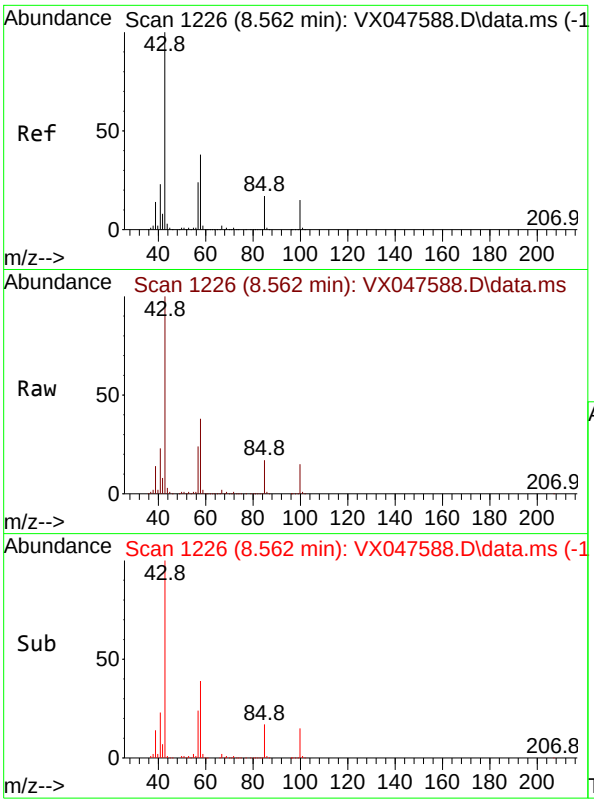


#50
Toluene-d8
Concen: 49.428 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 98 Resp: 352578

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



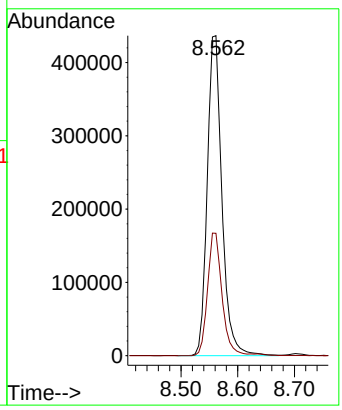


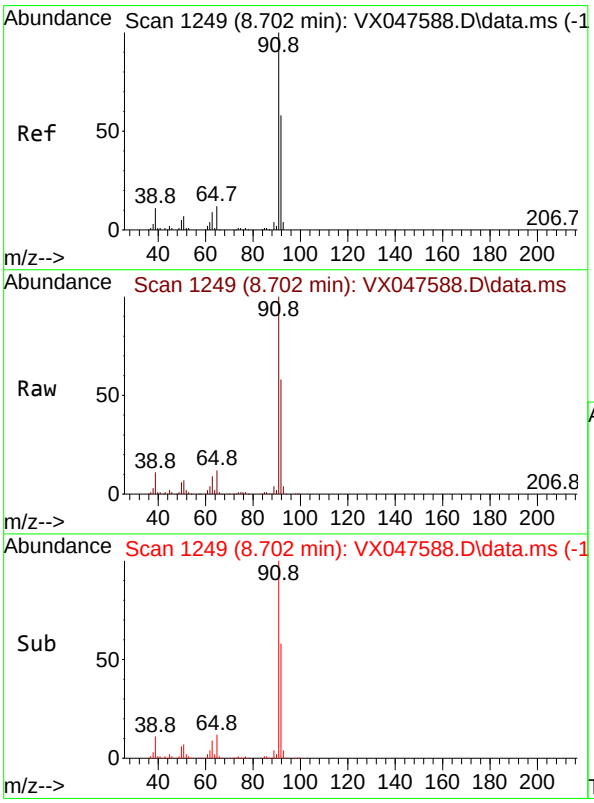
#51
4-Methyl-2-Pentanone
Concen: 267.650 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 784978

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5

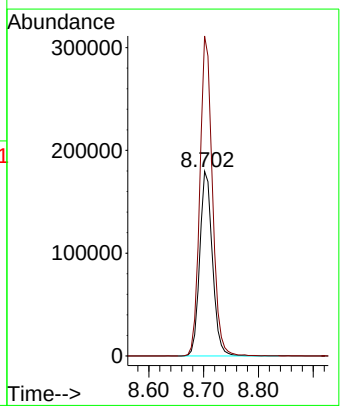


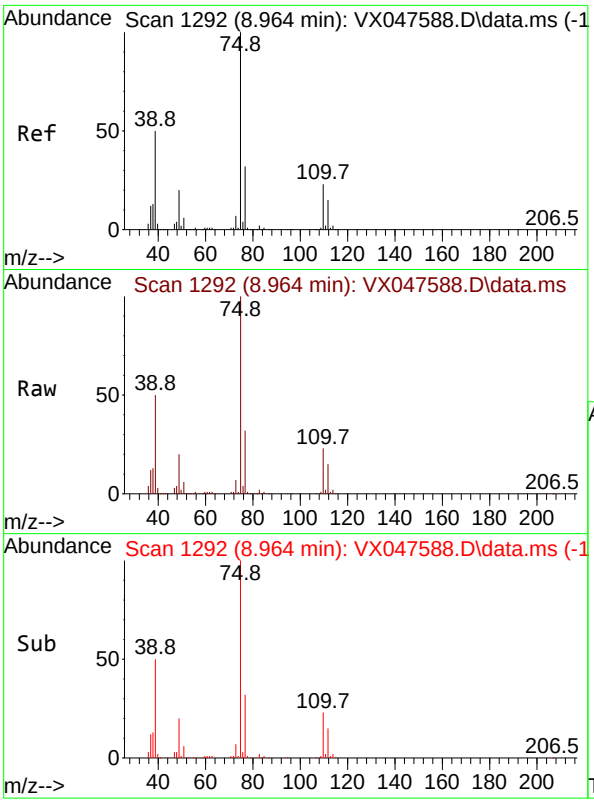


#52
Toluene
Concen: 51.244 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 92 Resp: 288853

Ion	Ratio	Lower	Upper
92	100		
91	171.4	137.1	205.7



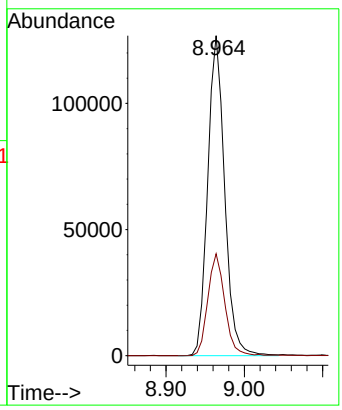


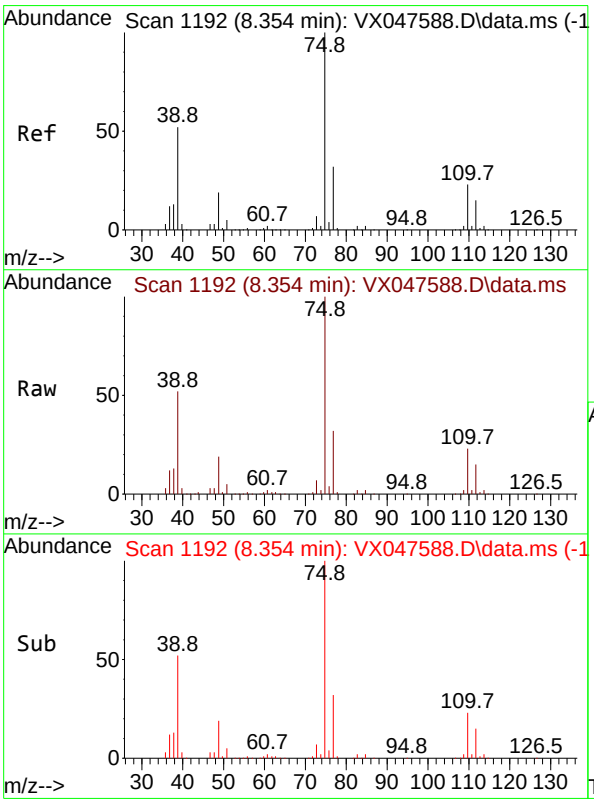
#53
t-1,3-Dichloropropene
Concen: 53.027 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 190282

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

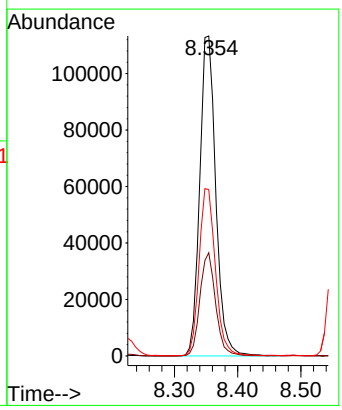


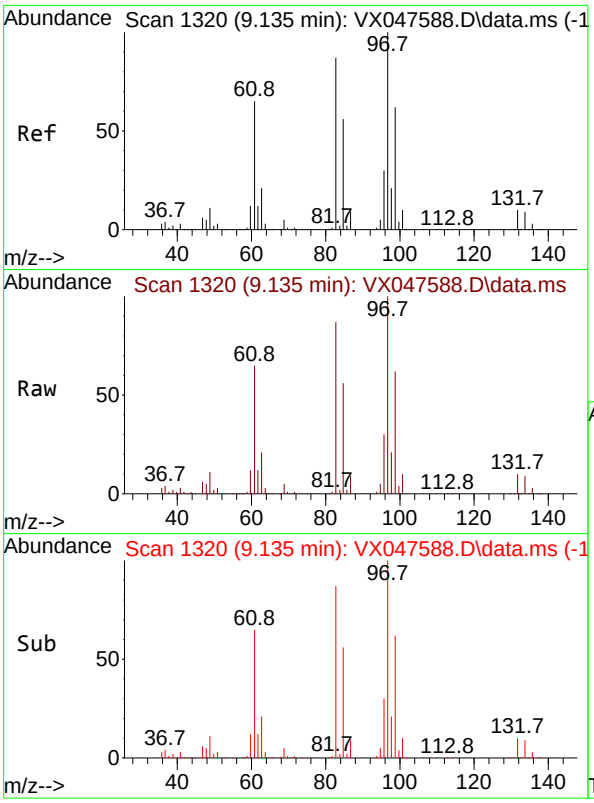


#54
cis-1,3-Dichloropropene
Concen: 52.369 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



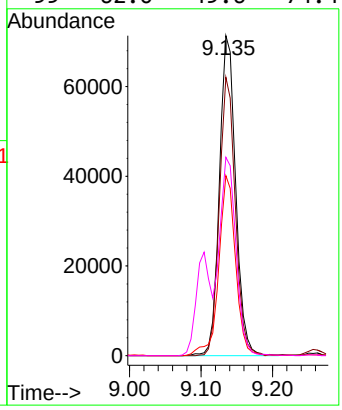


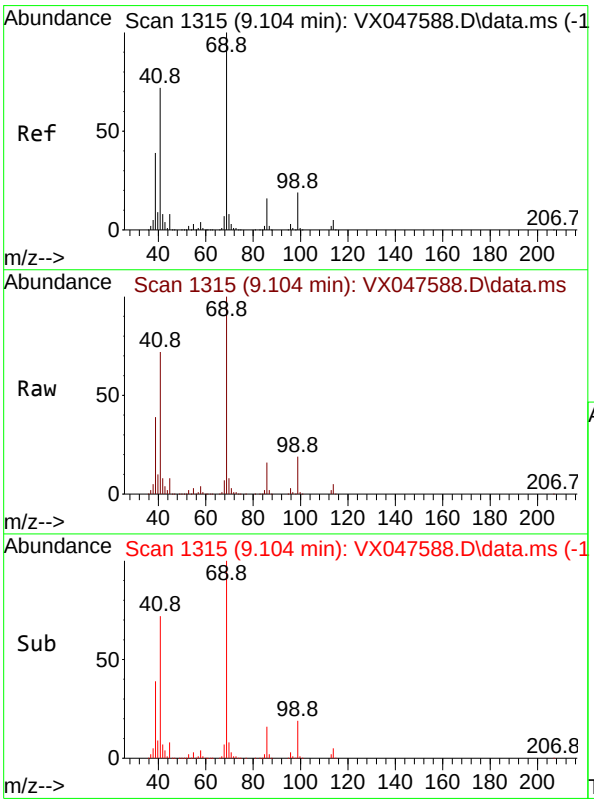
#55
1,1,2-Trichloroethane
Concen: 51.915 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 112837

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

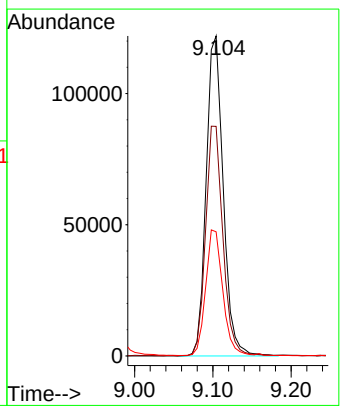


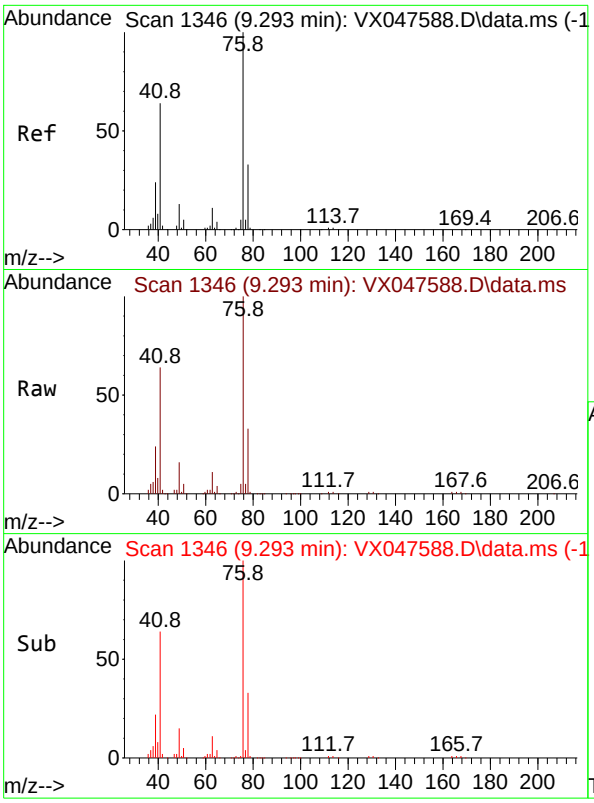


#56
Ethyl methacrylate
Concen: 53.930 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



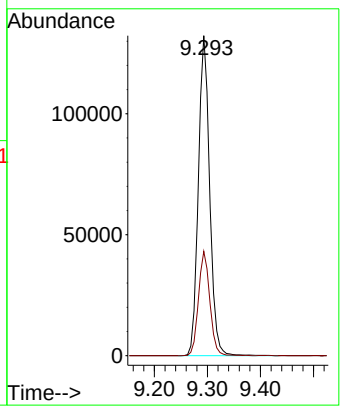


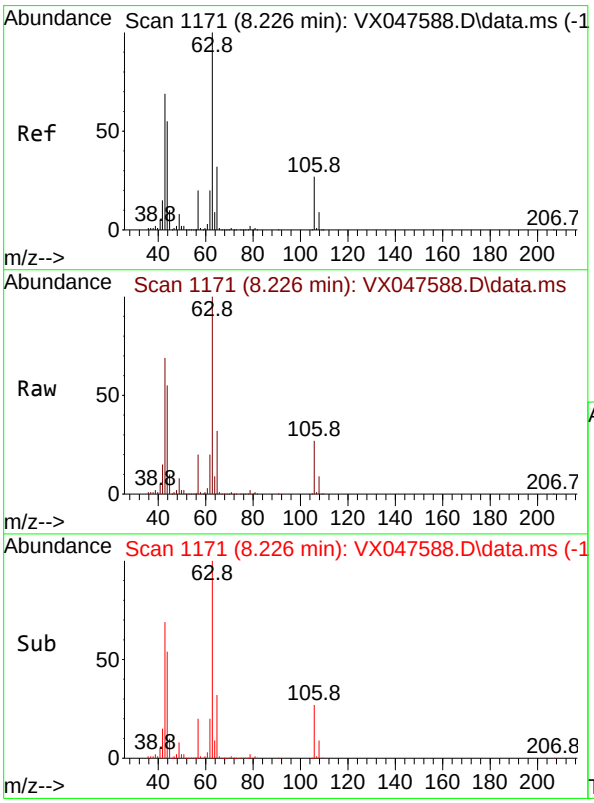
#57
1,3-Dichloropropane
Concen: 52.492 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 195989

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

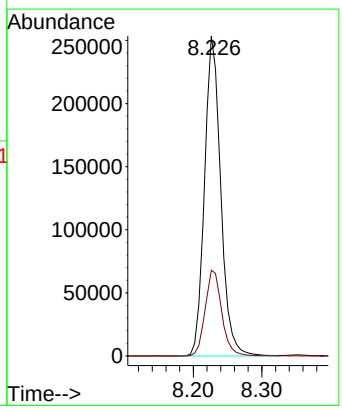


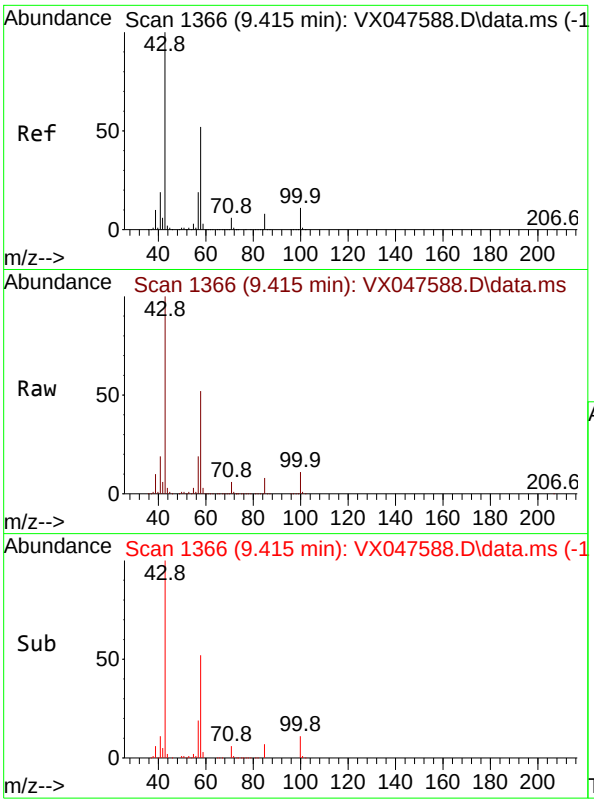


#58
2-Chloroethyl Vinyl ether
Concen: 256.309 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 63 Resp: 418707

Ion	Ratio	Lower	Upper
63	100		
106	27.4	21.9	32.9



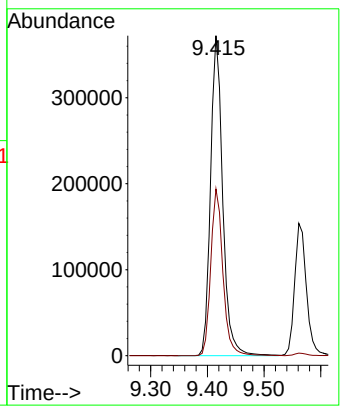


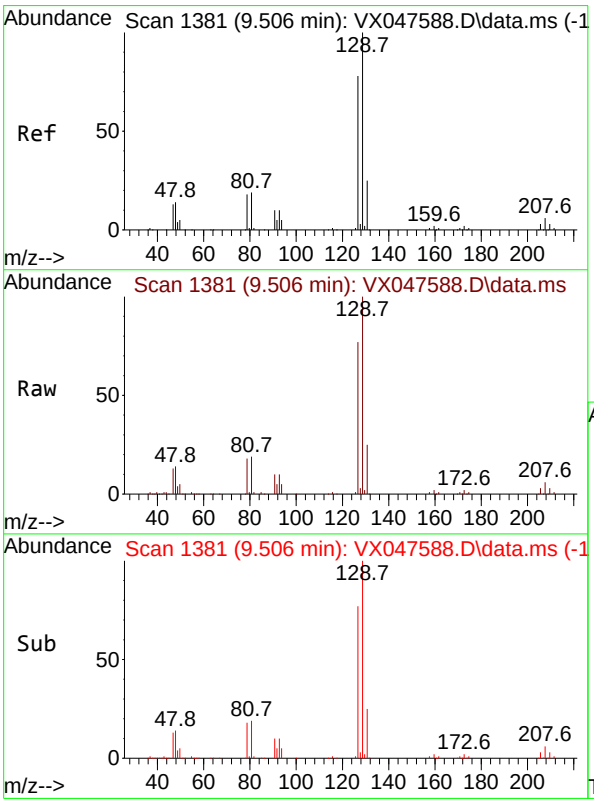
#59
2-Hexanone
Concen: 262.683 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 553313

Ion	Ratio	Lower	Upper
43	100		
58	52.1	26.1	78.2

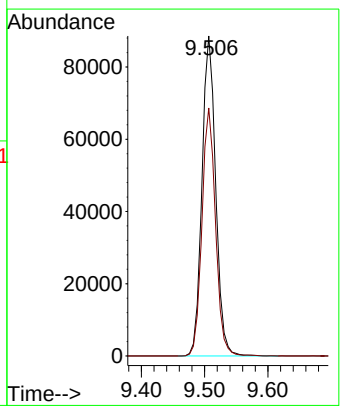


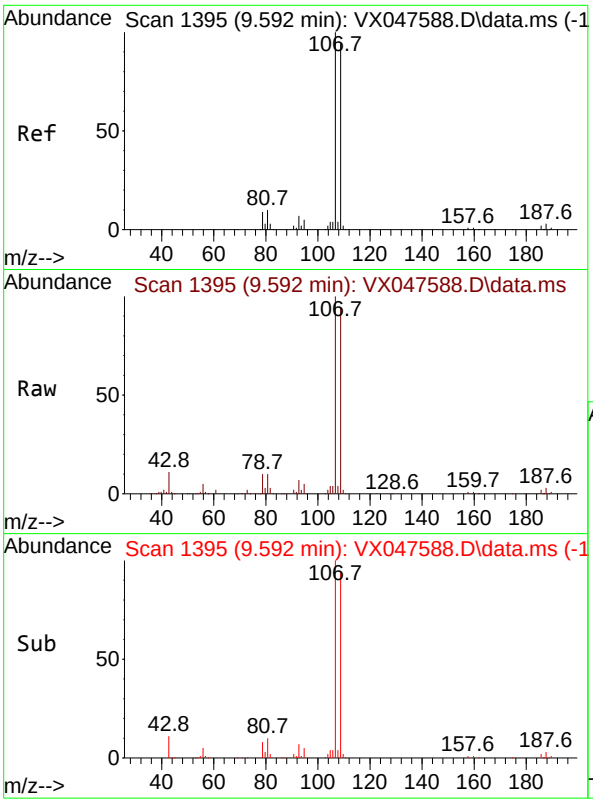


#60
Dibromochloromethane
Concen: 53.401 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:129 Resp: 133737

Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2



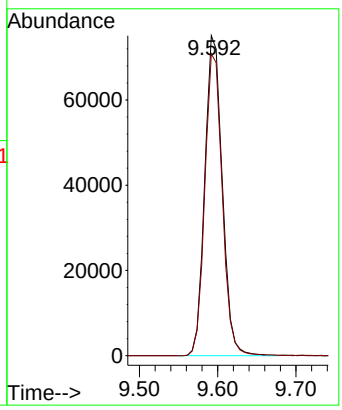


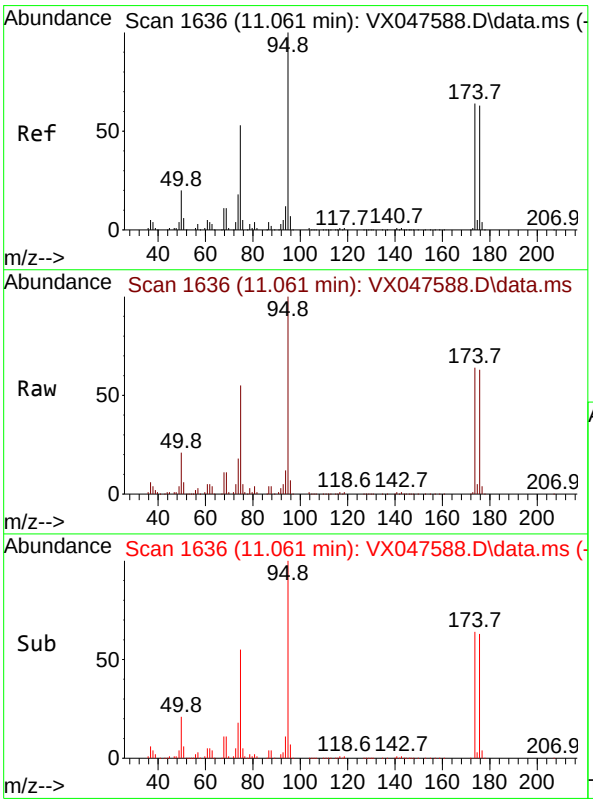
#61
1,2-Dibromoethane
Concen: 52.607 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 116462

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.3	112.9

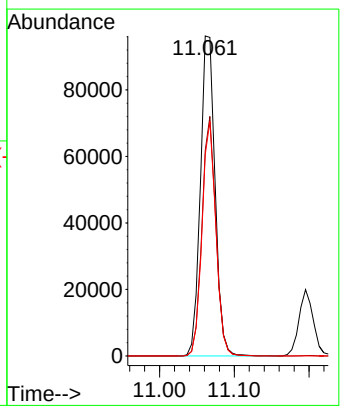


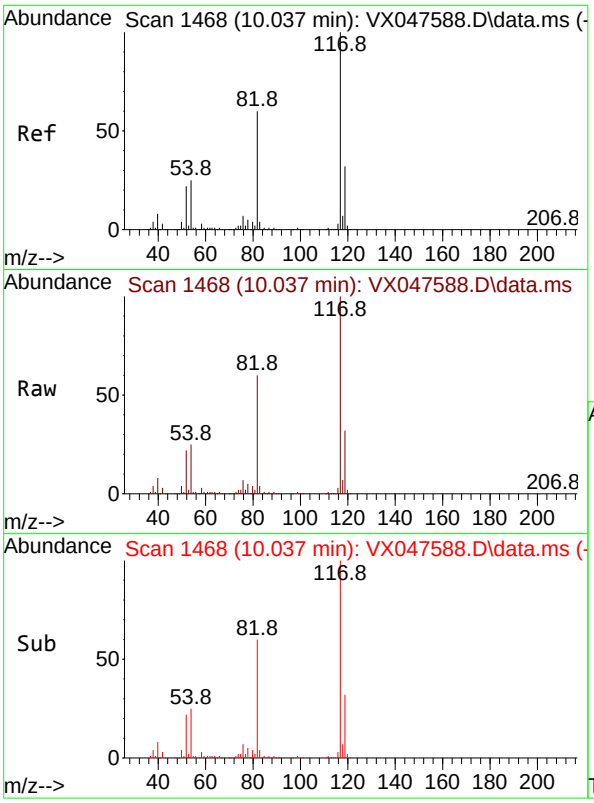


#62
4-Bromofluorobenzene
Concen: 48.471 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



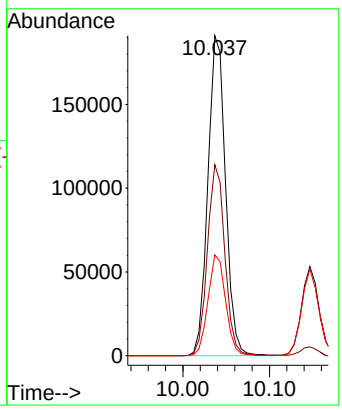


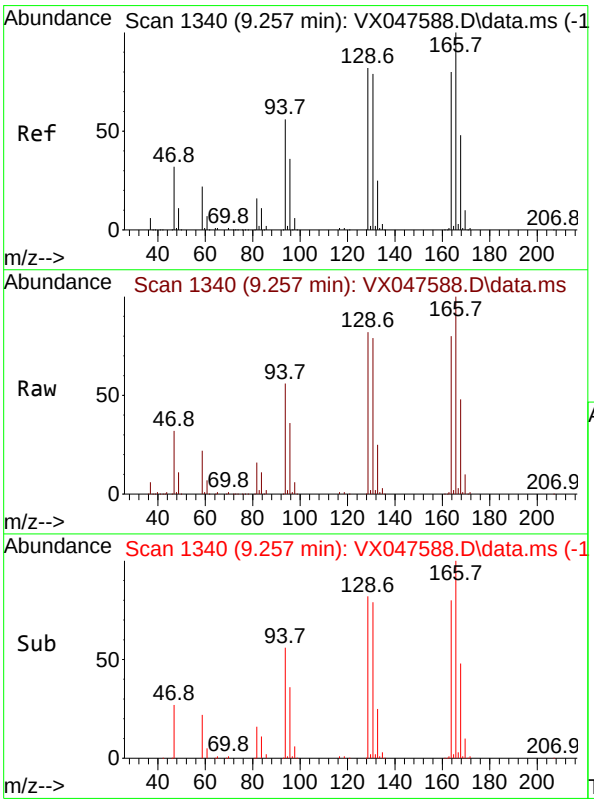
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 270040

Ion	Ratio	Lower	Upper
117	100		
82	59.7	47.8	71.6
119	31.5	25.2	37.8

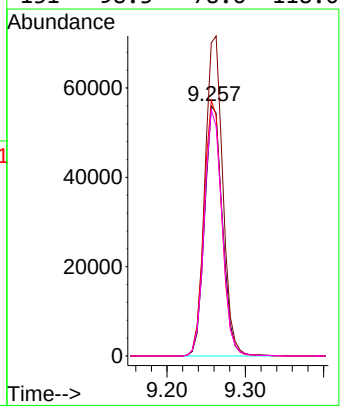


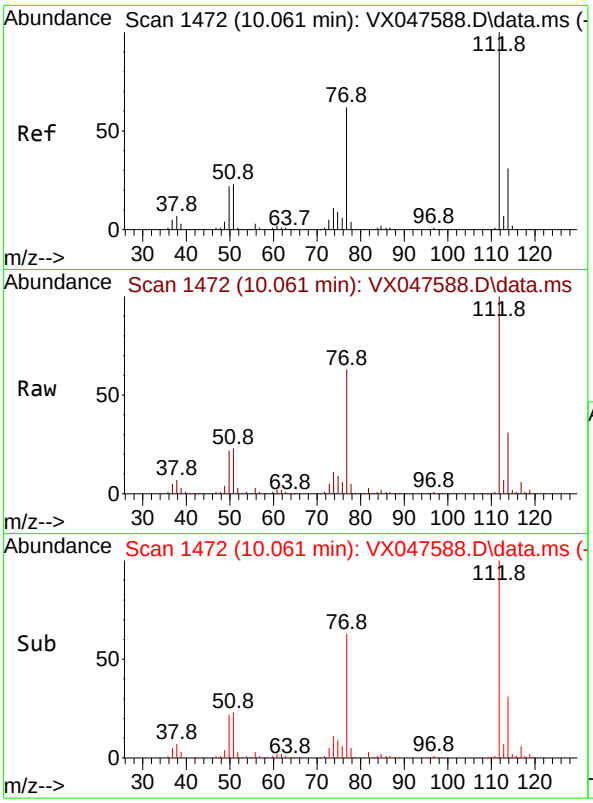


#64
Tetrachloroethene
Concen: 50.074 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



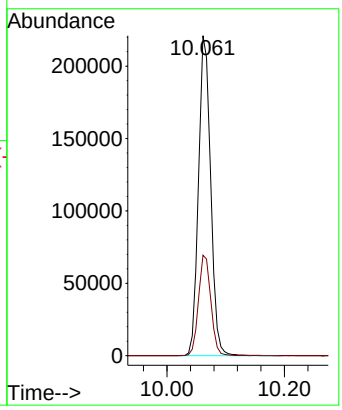


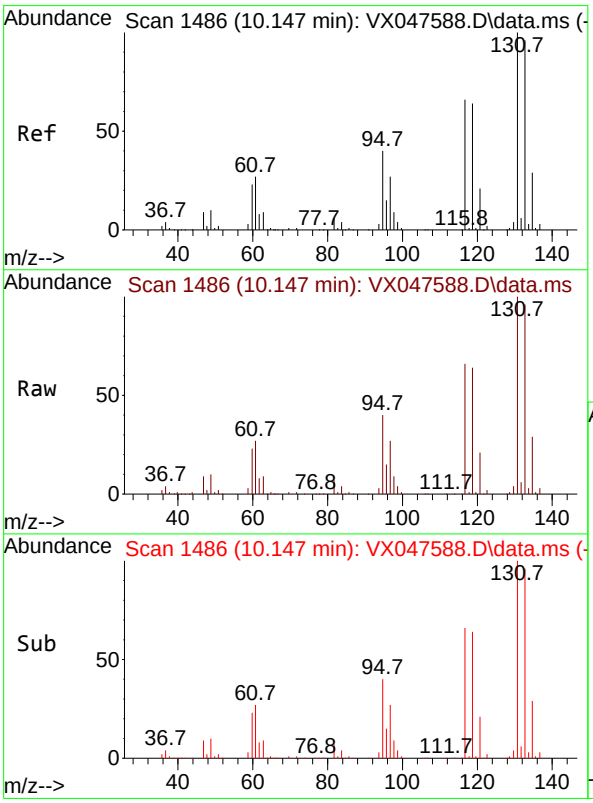
#65
Chlorobenzene
Concen: 51.833 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 317982

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.1	37.7

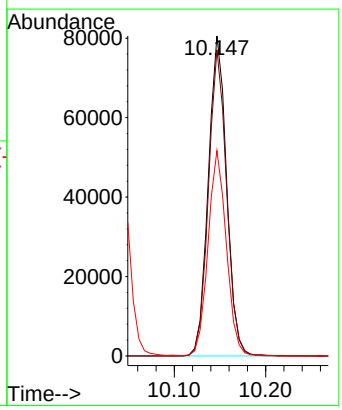


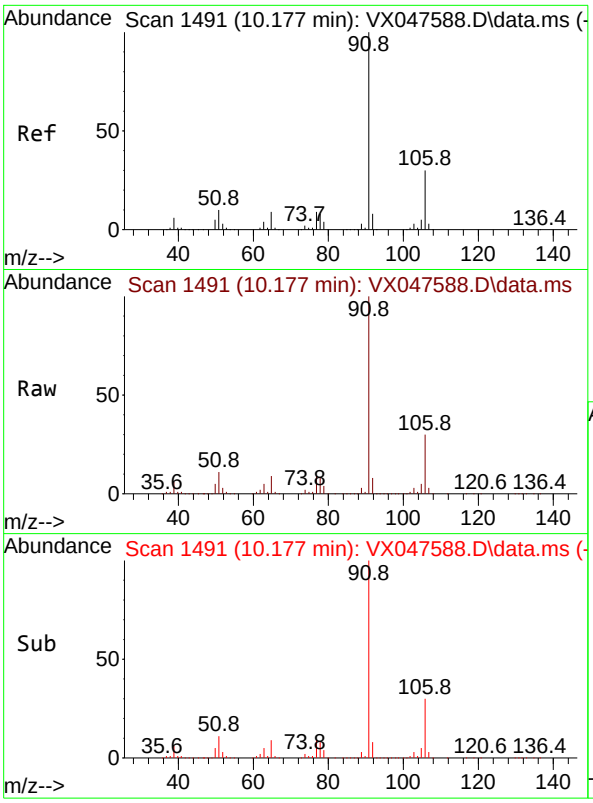


#66
1,1,1,2-Tetrachloroethane
Concen: 52.835 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



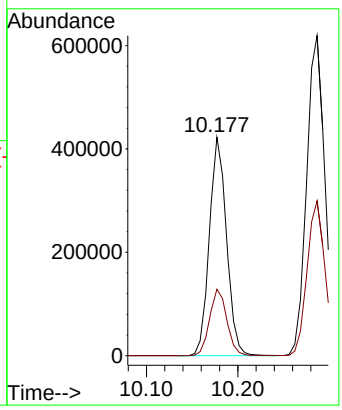


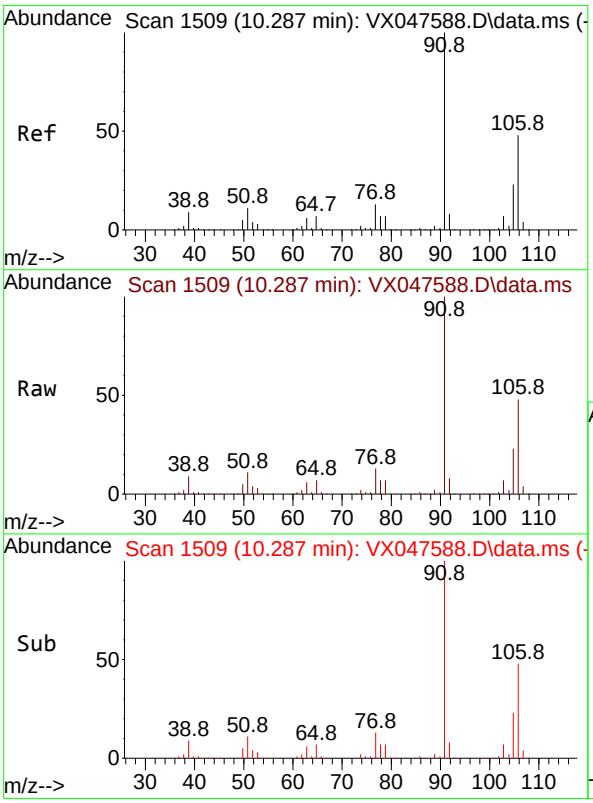
#67
Ethyl Benzene
Concen: 52.017 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 550610

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5

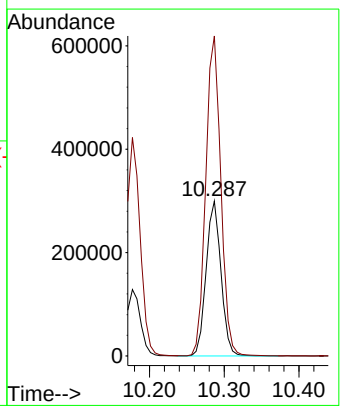


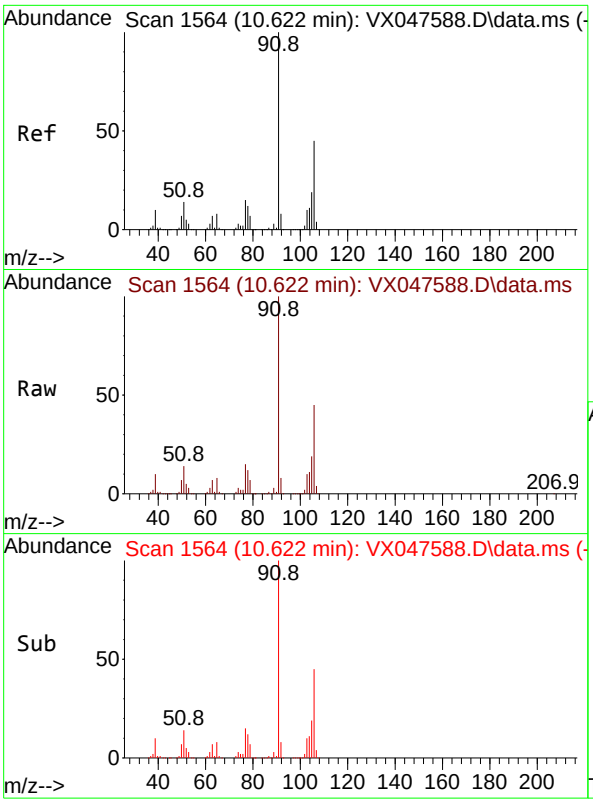


#68
m/p-Xylenes
Concen: 104.809 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:106 Resp: 412932

Ion	Ratio	Lower	Upper
106	100		
91	209.8	167.8	251.8



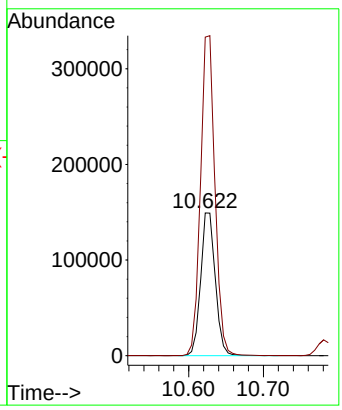


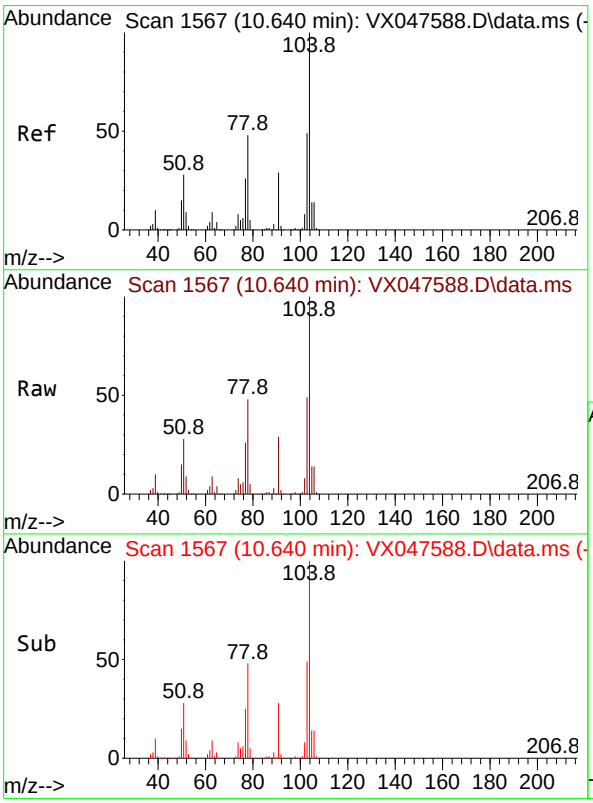
#69
o-Xylene
Concen: 53.084 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 202291

Ion	Ratio	Lower	Upper
106	100		
91	222.3	111.1	333.4

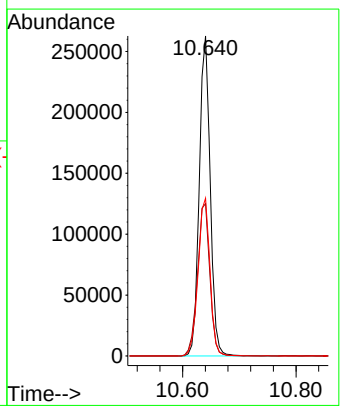


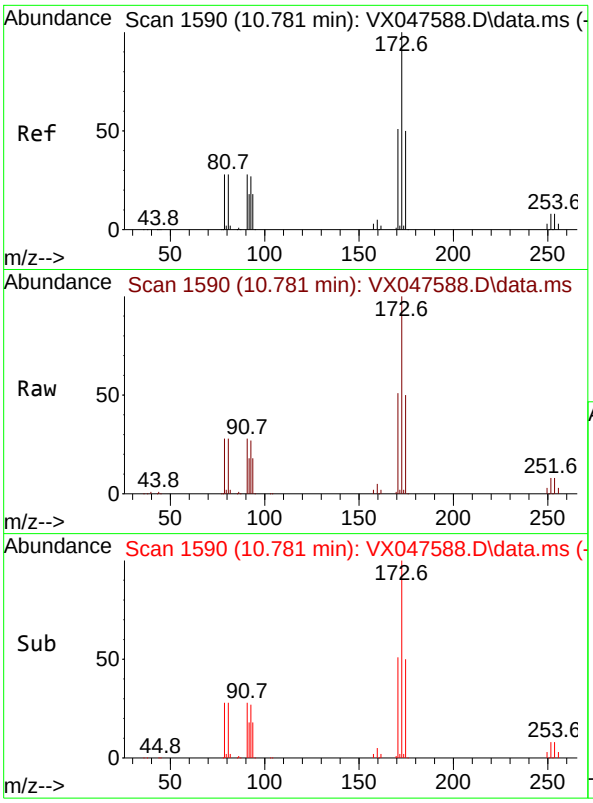


#70
Styrene
Concen: 52.515 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



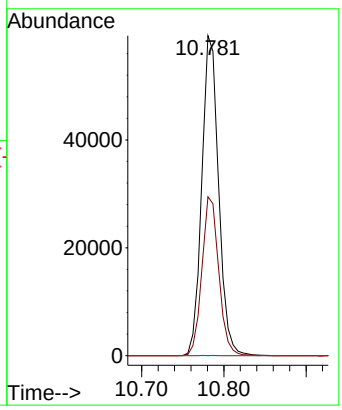


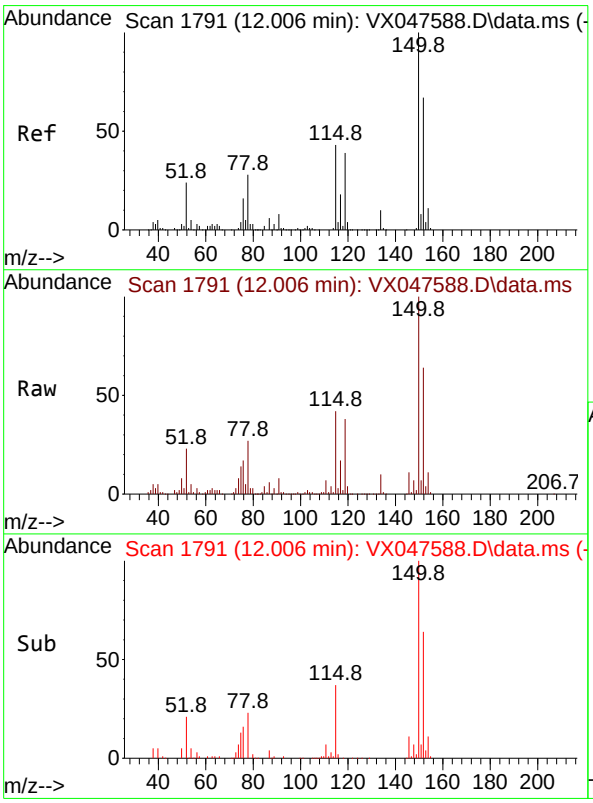
#71
Bromoform
Concen: 53.447 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 84485

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.9	74.6
254	0.1	0.1	0.1#

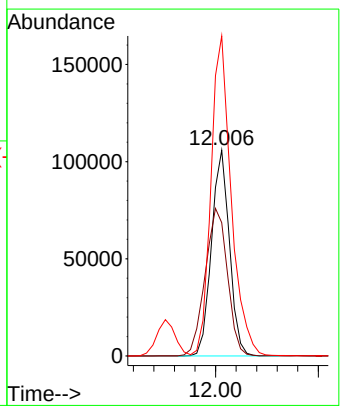


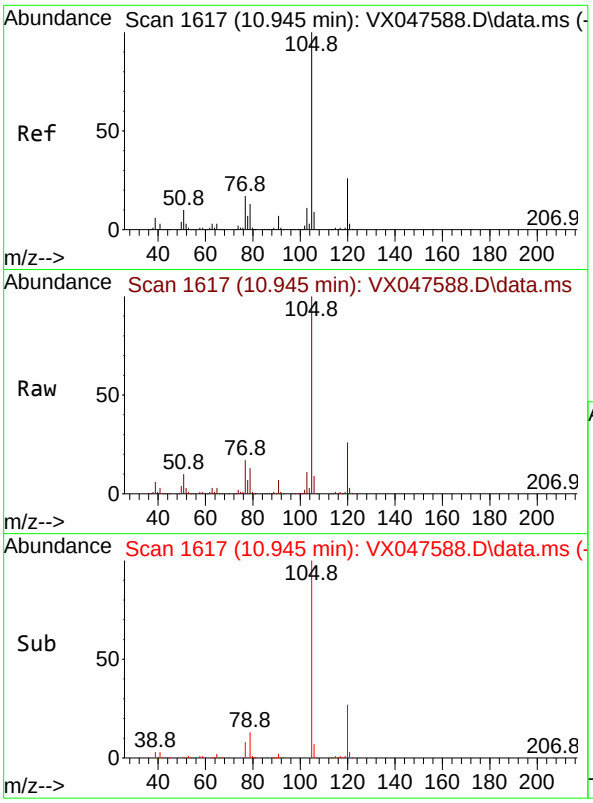


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



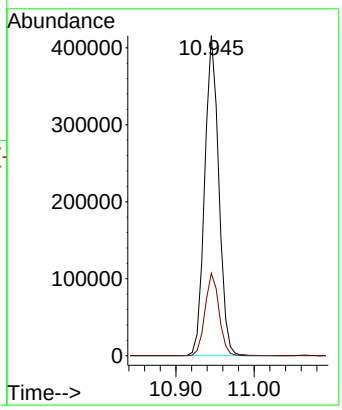


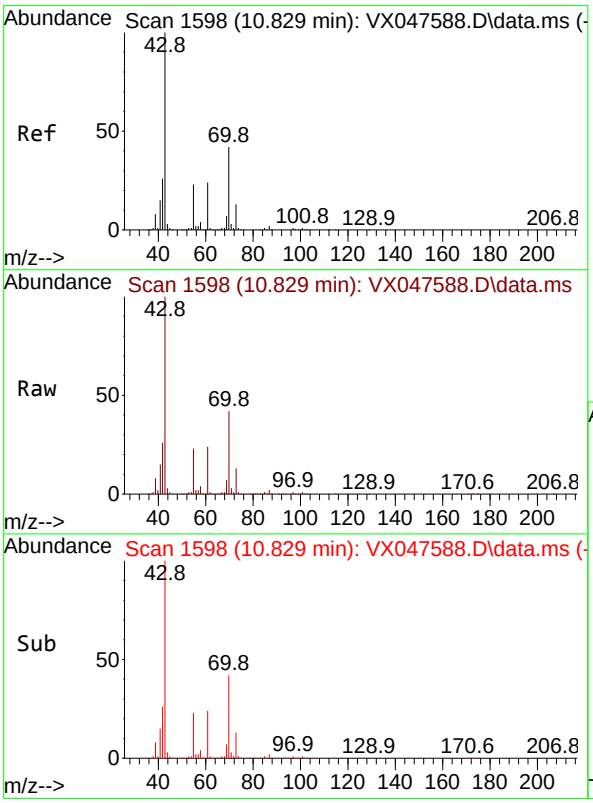
#73
Isopropylbenzene
Concen: 53.227 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 516891

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.8	38.4

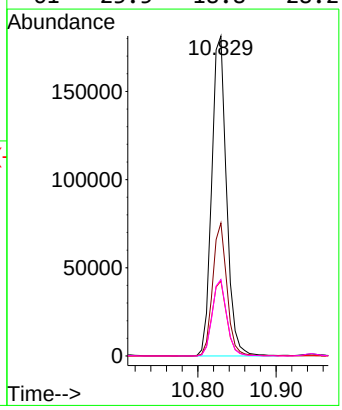


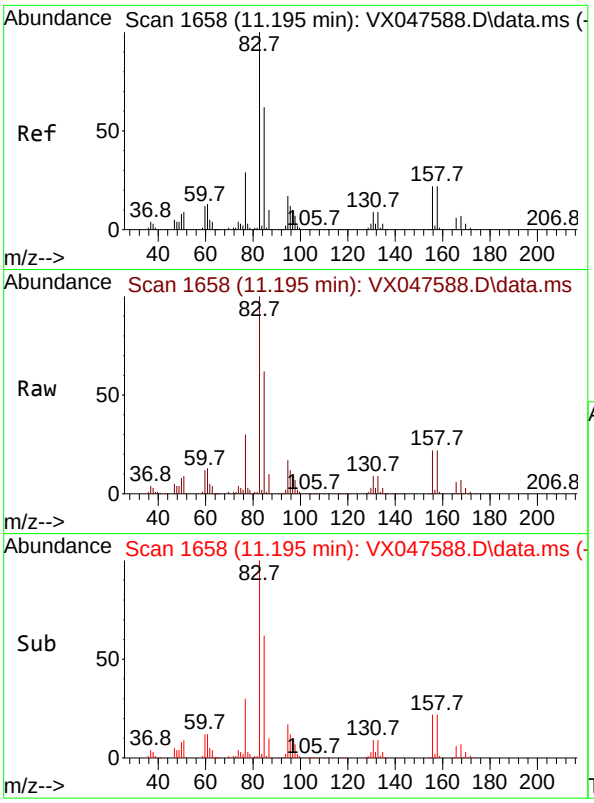


#74
N-amyl acetate
Concen: 53.710 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



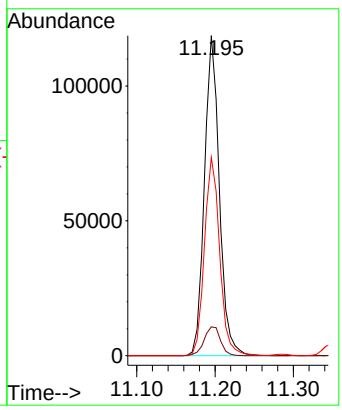


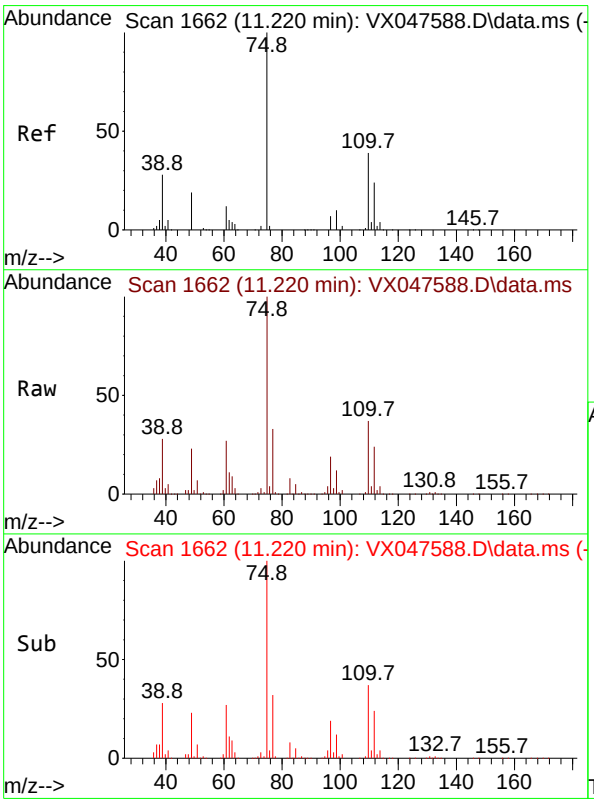
#75
1,1,2,2-Tetrachloroethane
Concen: 53.251 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 156454

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	63.3	31.6	95.0

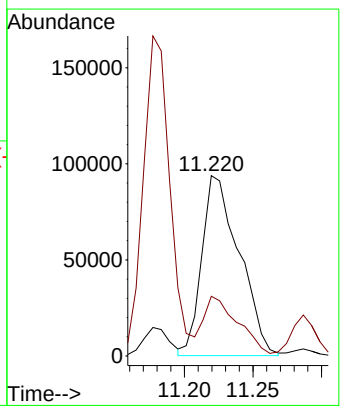


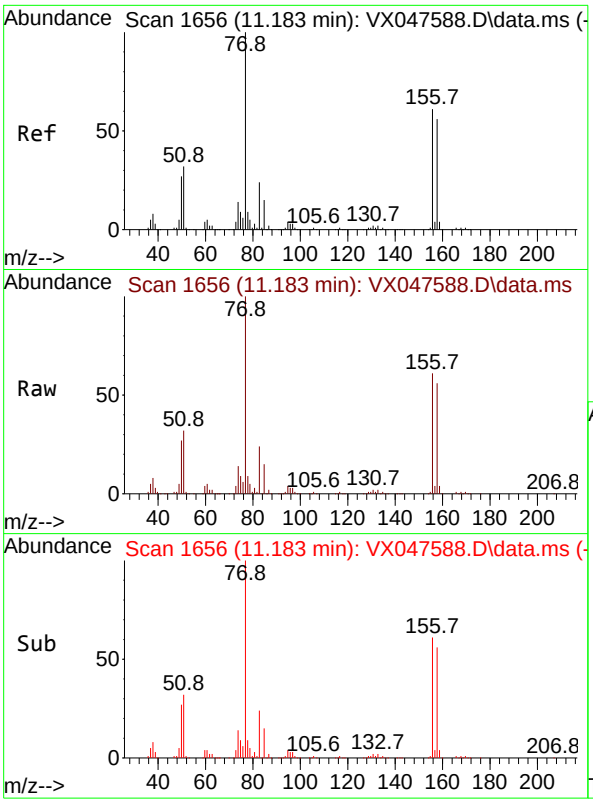


#76
1,2,3-Trichloropropane
Concen: 68.947 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 75 Resp: 178309

Ion	Ratio	Lower	Upper
75	100		
77	30.4	18.8	56.4



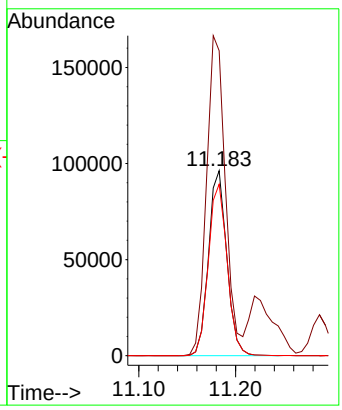


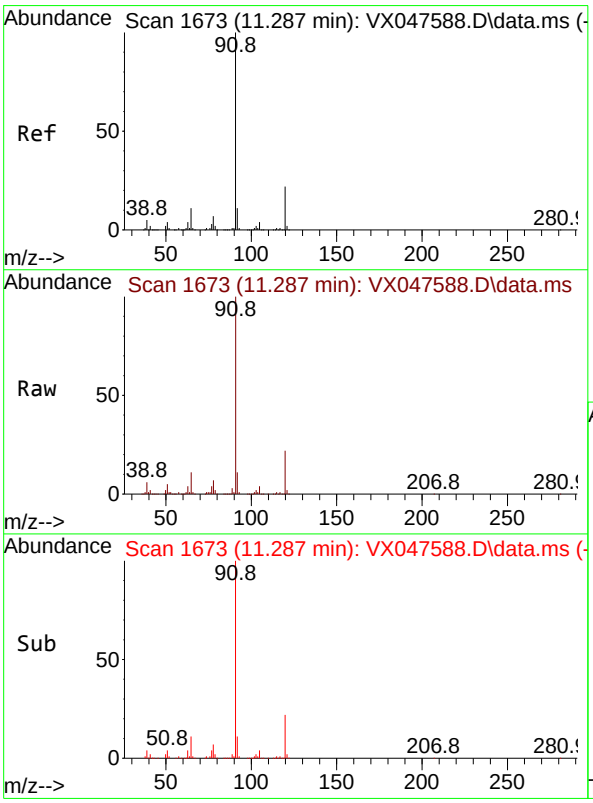
#77
Bromobenzene
Concen: 52.754 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 126174

Ion	Ratio	Lower	Upper
156	100		
77	179.4	89.7	269.1
158	95.7	47.9	143.6

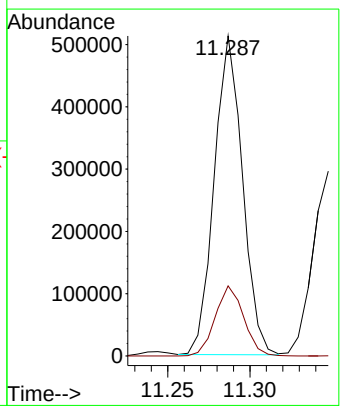


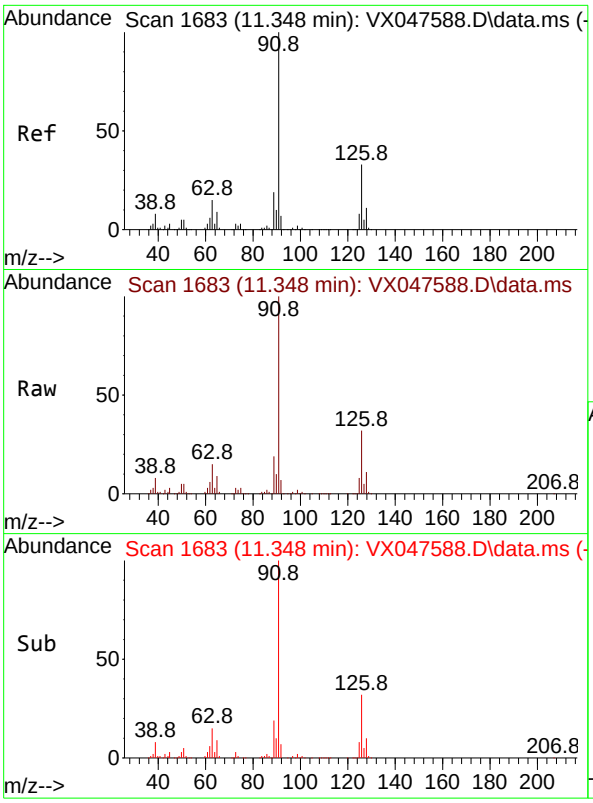


#78
n-propylbenzene
Concen: 53.315 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 612035

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1



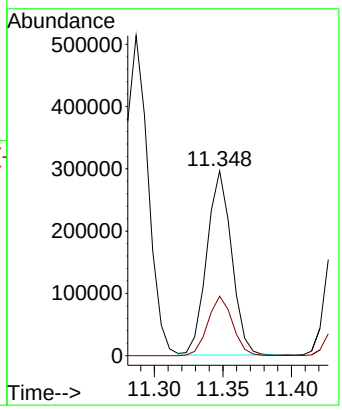


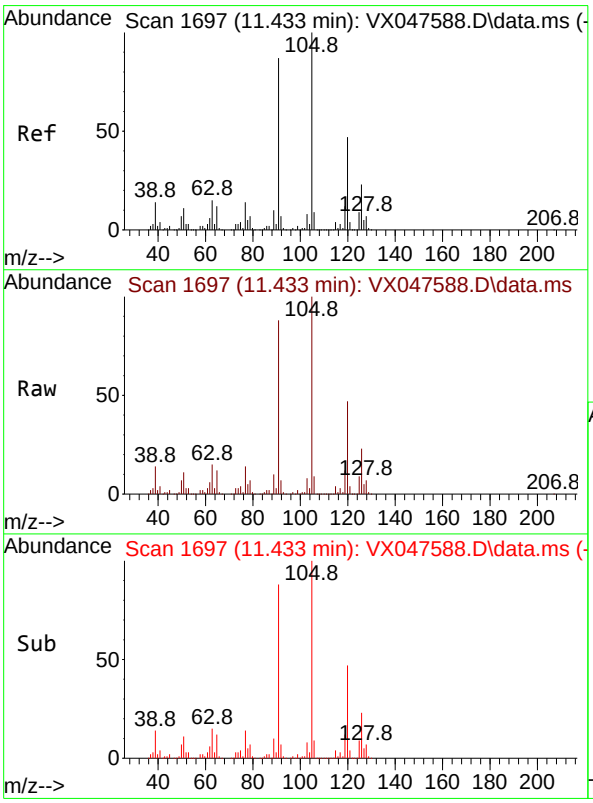
#79
2-Chlorotoluene
Concen: 52.965 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 372397

Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.3

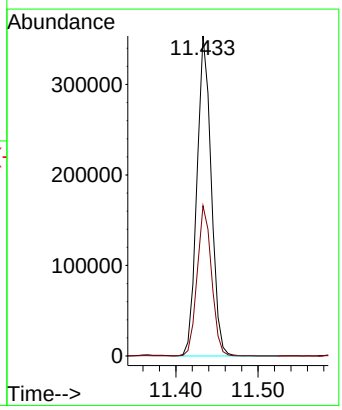


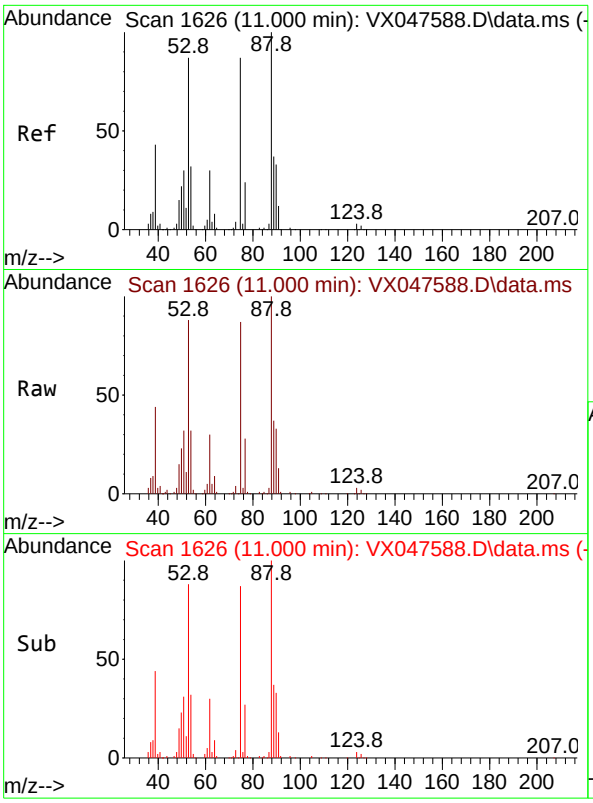


#80
1,3,5-Trimethylbenzene
Concen: 53.518 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 426989

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8



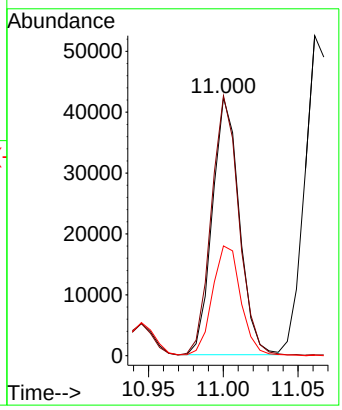


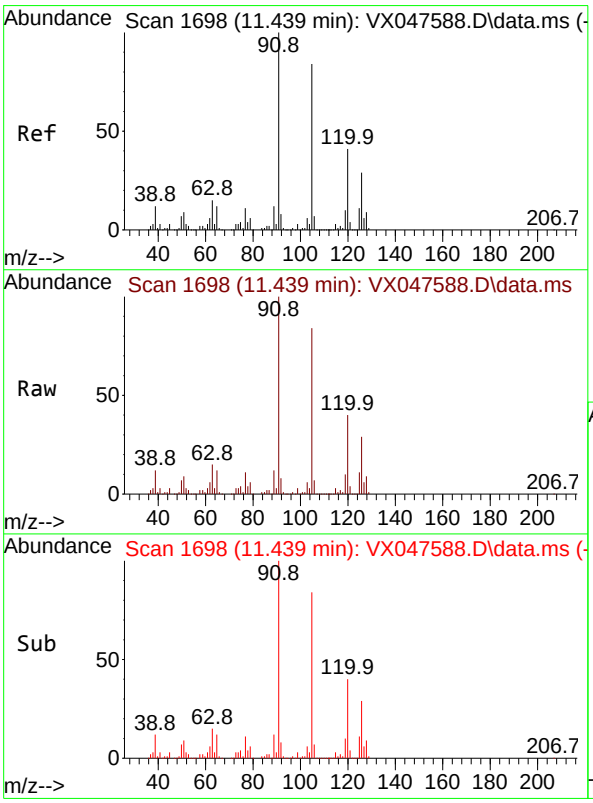
#81
trans-1,4-Dichloro-2-butene
Concen: 52.190 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 52927

Ion	Ratio	Lower	Upper
75	100		
53	104.3	83.4	125.2
89	45.4	36.3	54.5

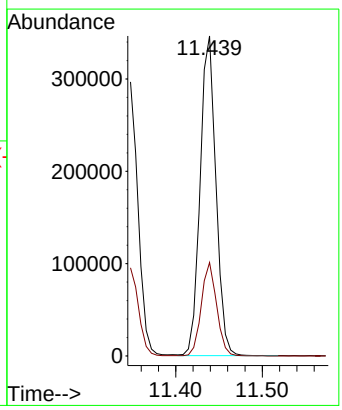


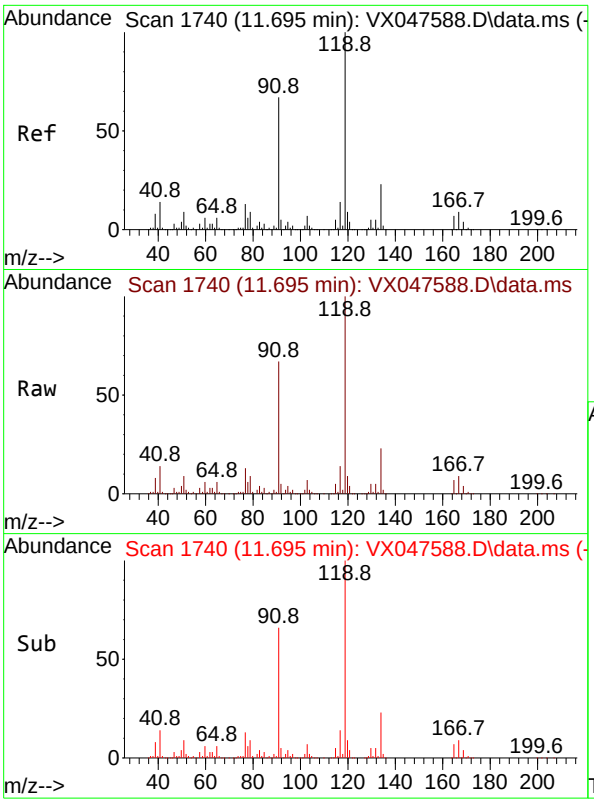


#82
4-Chlorotoluene
Concen: 52.806 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion: 91 Resp: 438502

Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.2	42.6



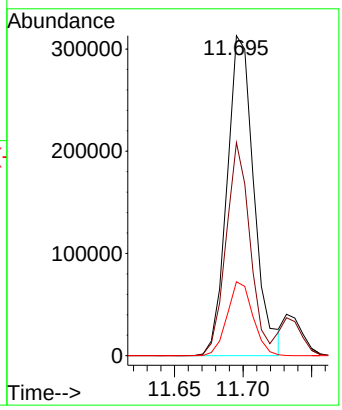


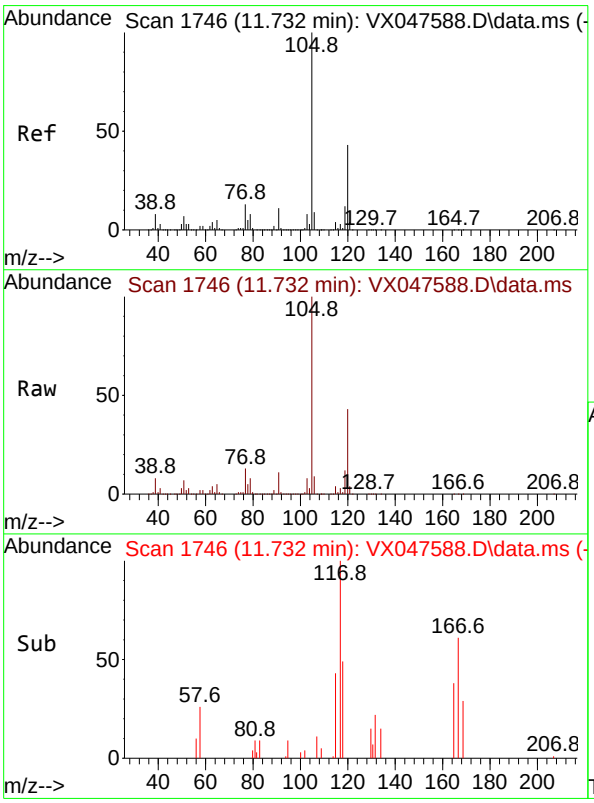
#83
tert-Butylbenzene
Concen: 52.539 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 429107

Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.6	88.8
134	22.0	11.0	33.0

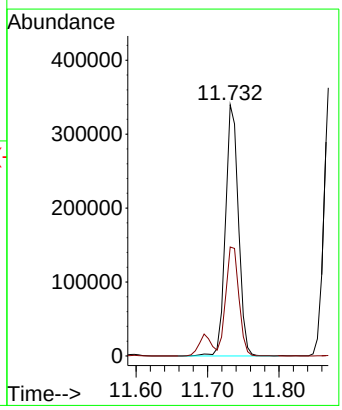


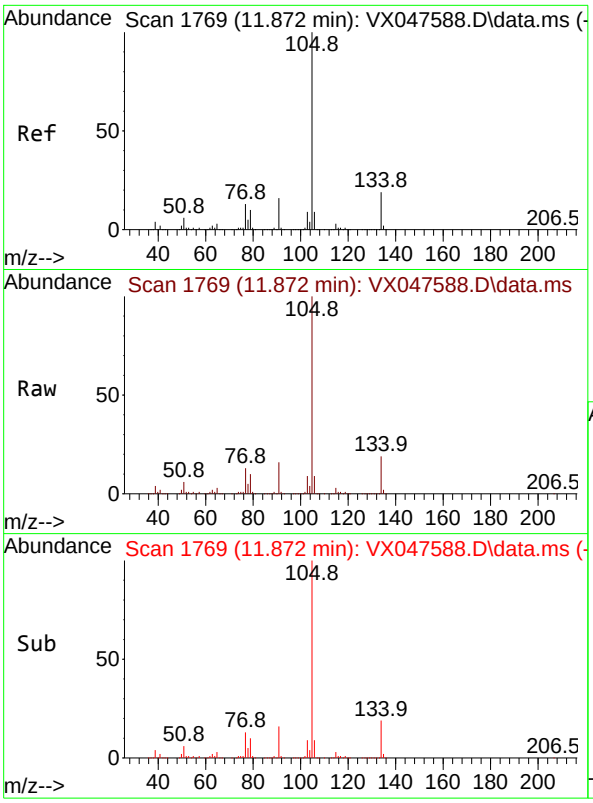


#84
1,2,4-Trimethylbenzene
Concen: 52.798 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:105 Resp: 427073

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.1	66.1



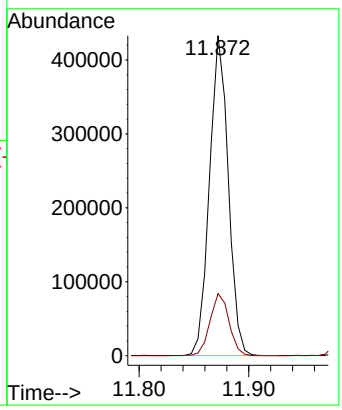


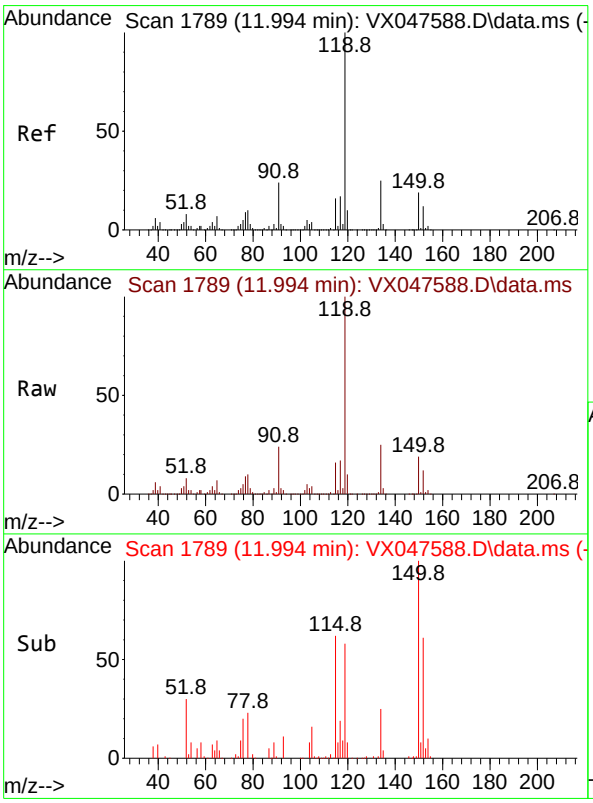
#85
sec-Butylbenzene
Concen: 53.029 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 514442

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

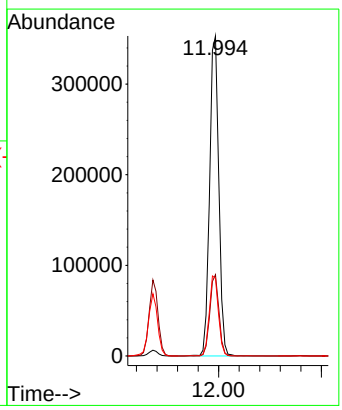


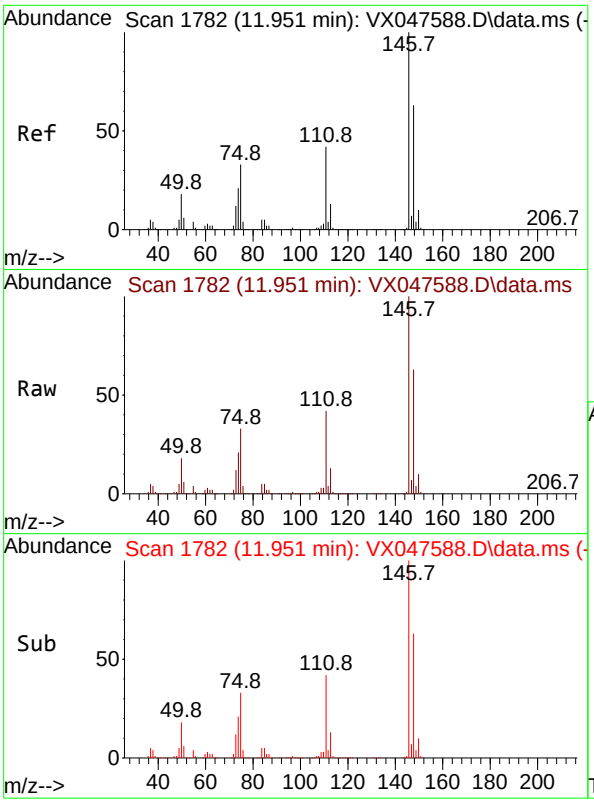


#86
p-Isopropyltoluene
Concen: 53.172 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



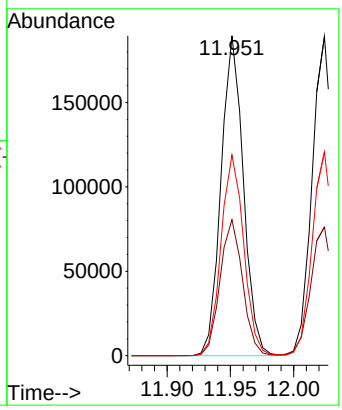


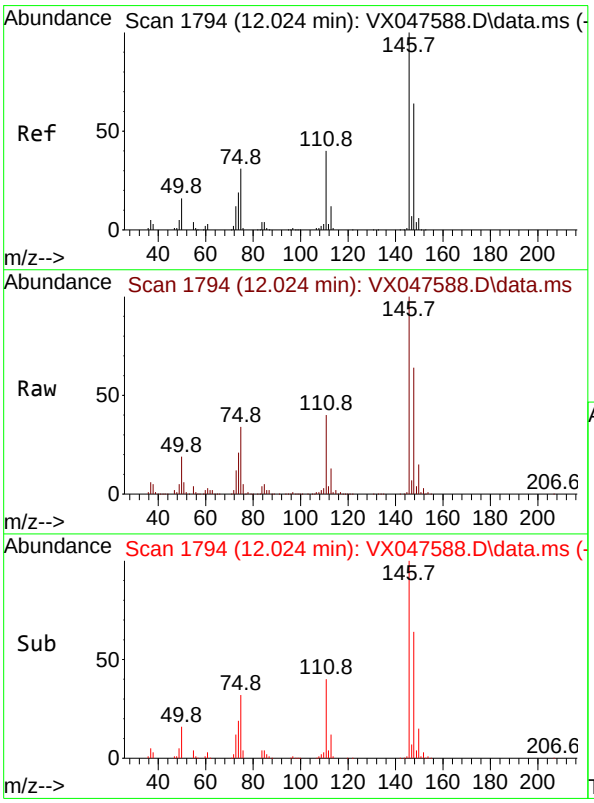
#87
1,3-Dichlorobenzene
Concen: 52.232 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 232038

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	64.0	32.0	96.0

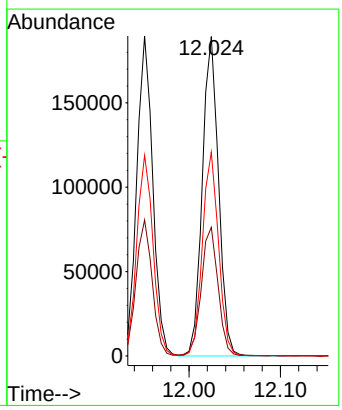


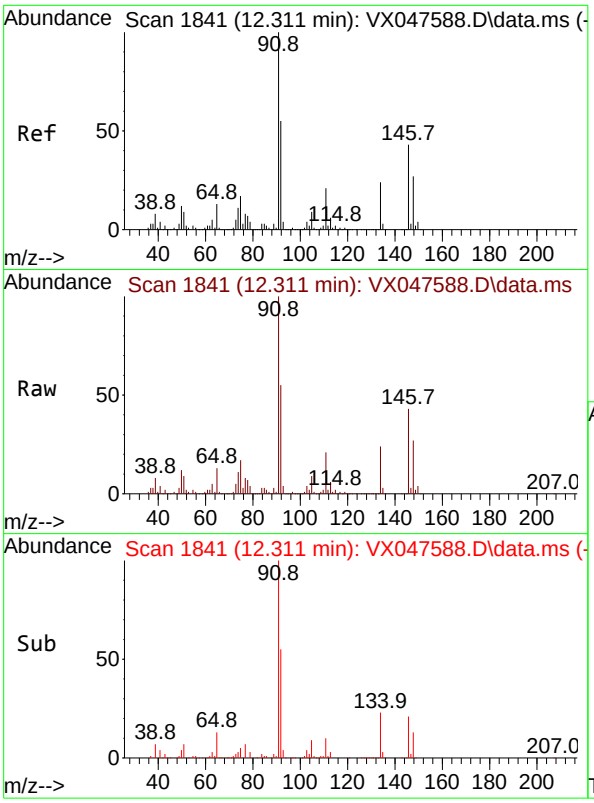


#88
1,4-Dichlorobenzene
Concen: 51.316 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



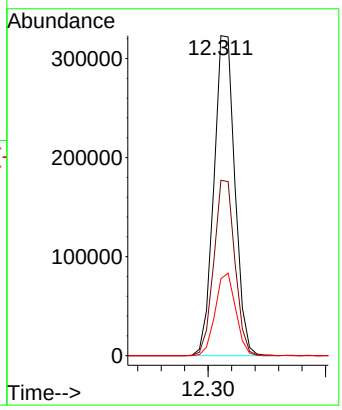


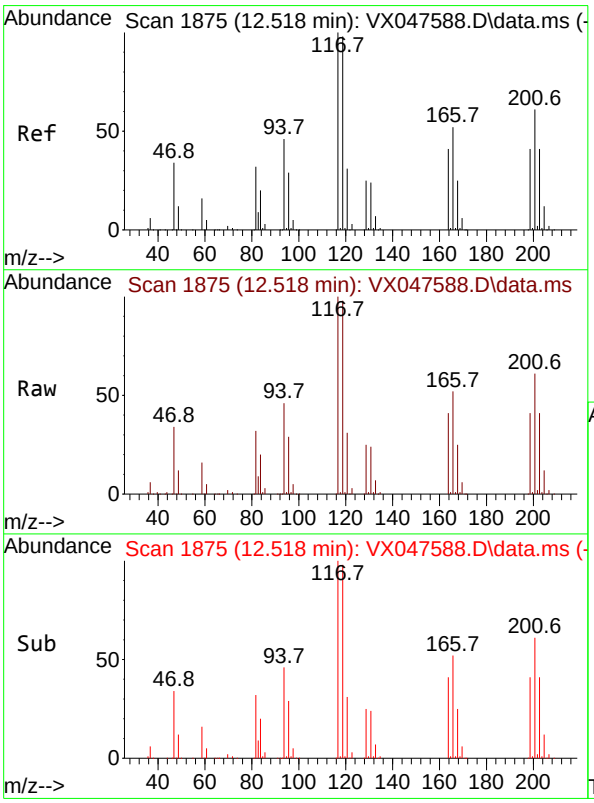
#89
n-Butylbenzene
Concen: 52.766 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 400997

Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	25.2	12.6	37.8

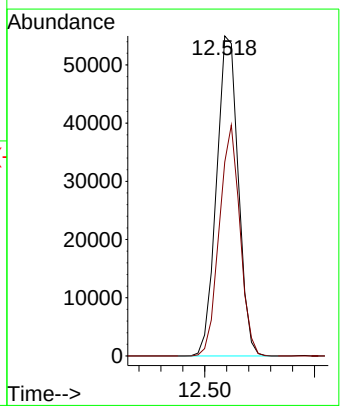


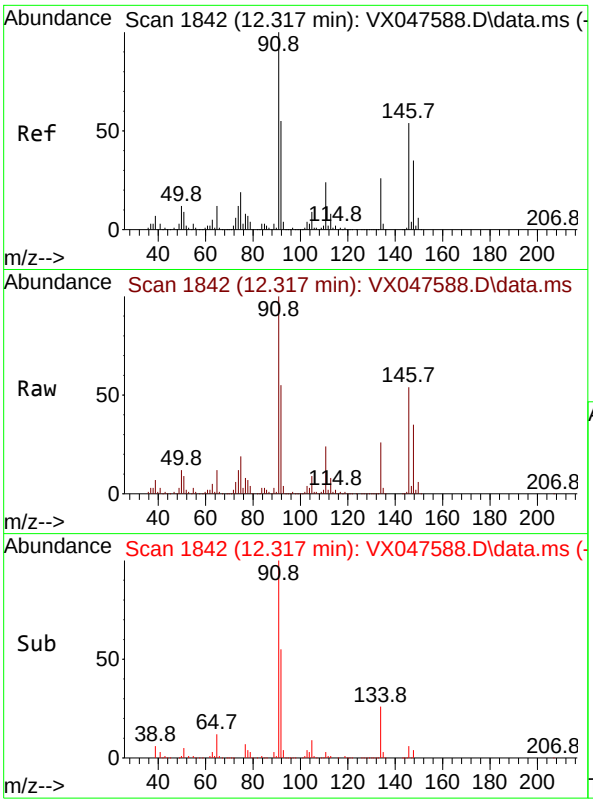


#90
Hexachloroethane
Concen: 52.567 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Tgt Ion:117 Resp: 75800

Ion	Ratio	Lower	Upper
117	100		
201	68.3	34.2	102.5



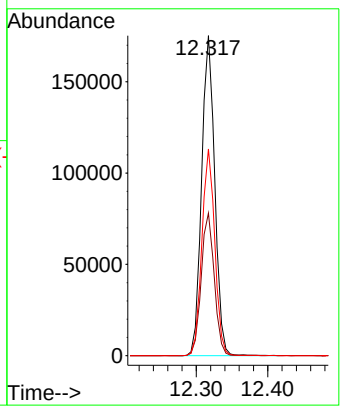


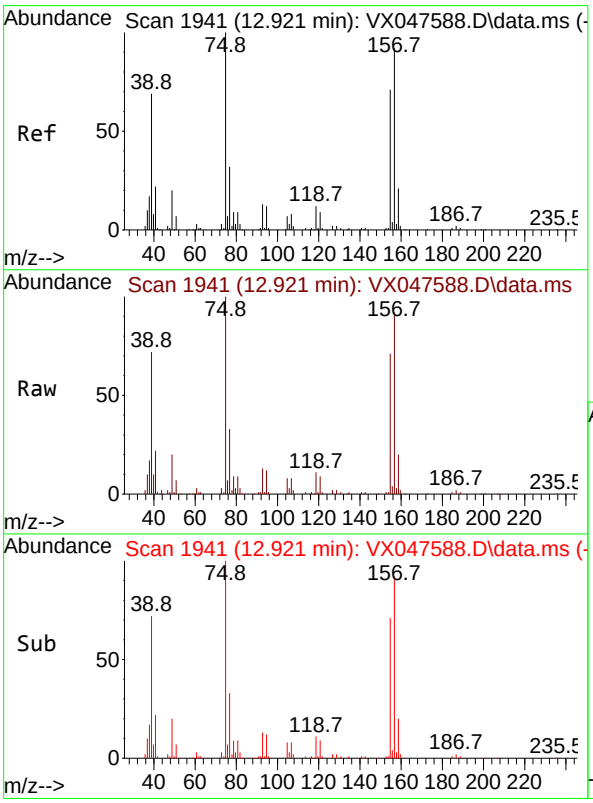
#91
1,2-Dichlorobenzene
Concen: 52.688 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 222993

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	63.6	31.8	95.4

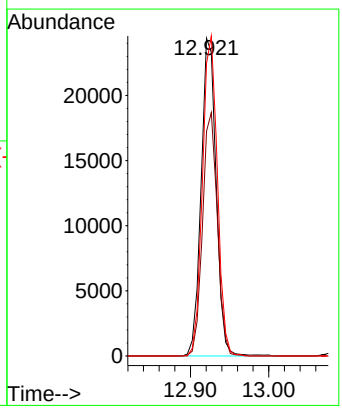


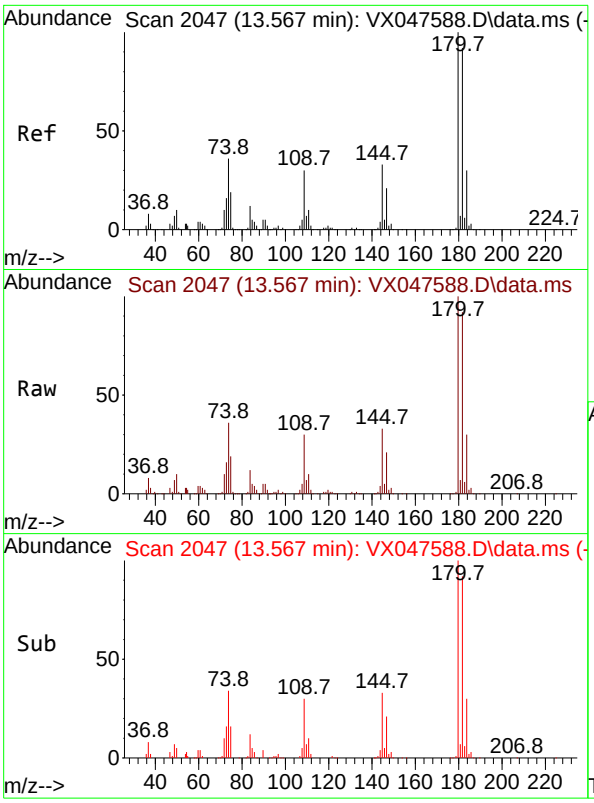


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.554 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



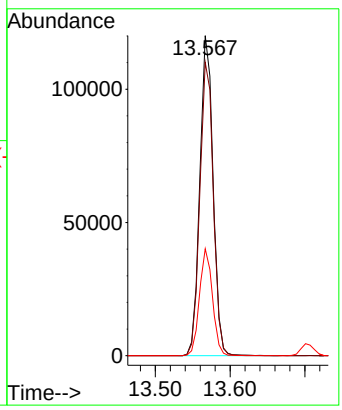


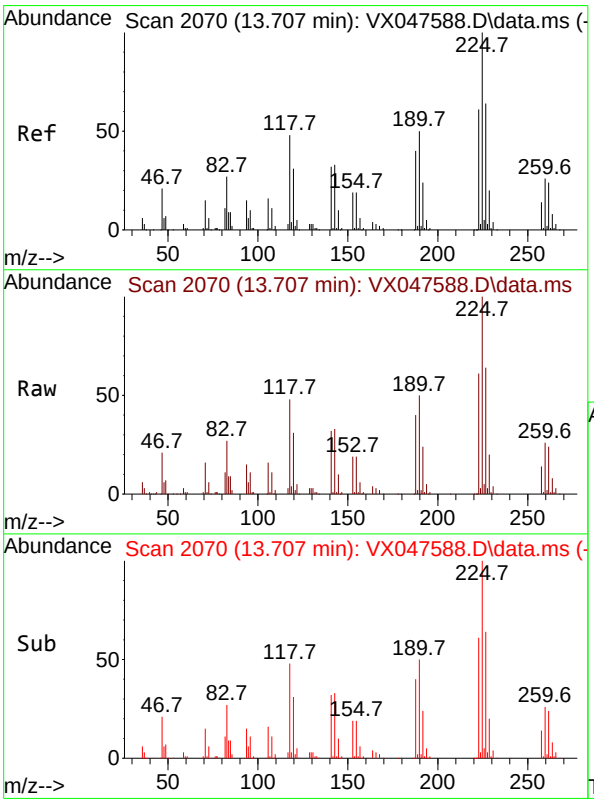
#93
1,2,4-Trichlorobenzene
Concen: 53.685 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:180 Resp: 147670

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	32.7	16.4	49.1

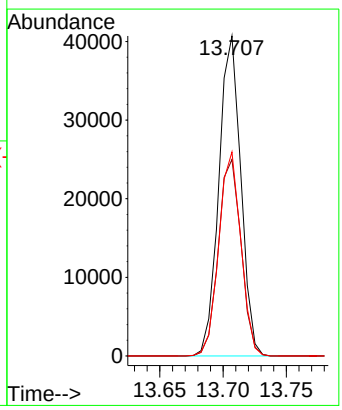


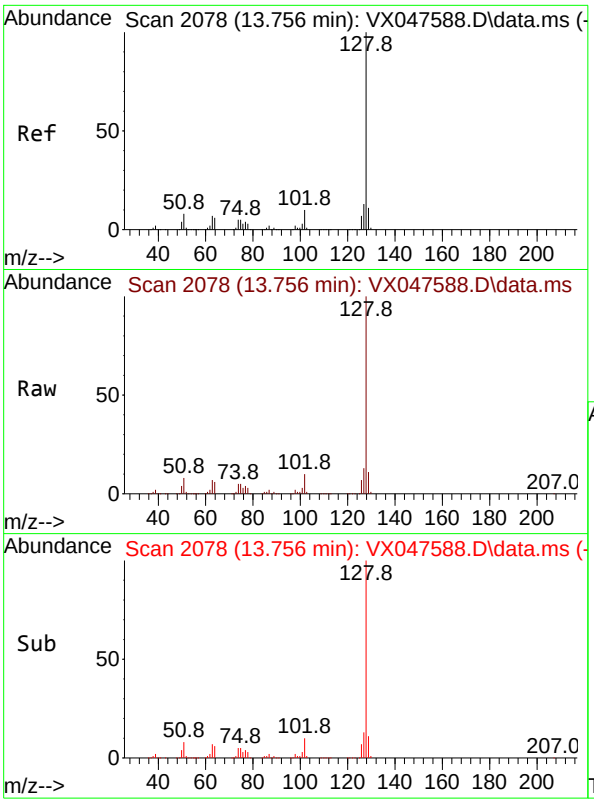


#94
Hexachlorobutadiene
Concen: 52.510 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



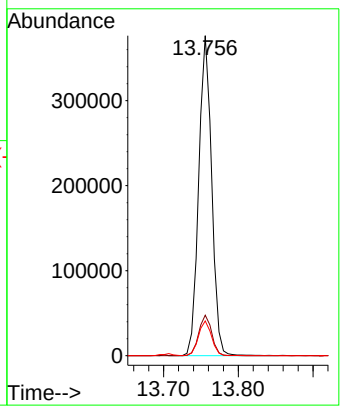


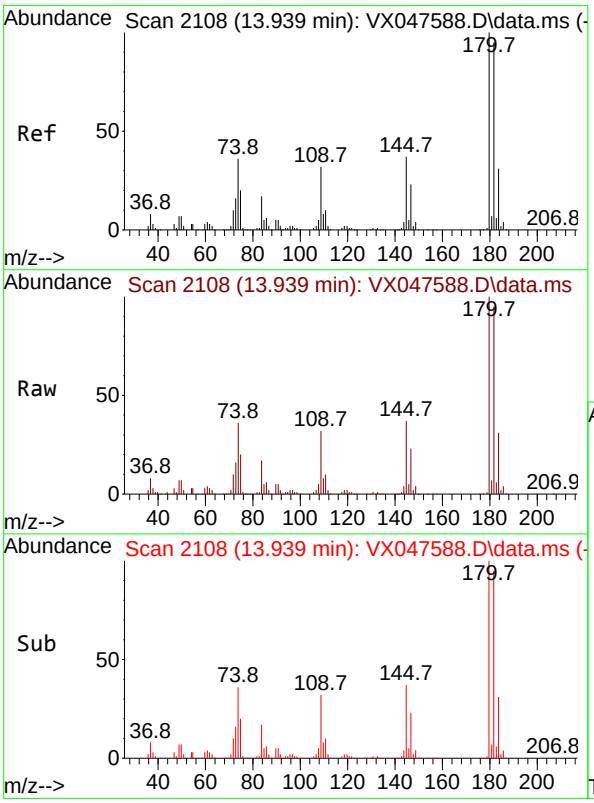
#95
Naphthalene
Concen: 53.966 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 452013

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

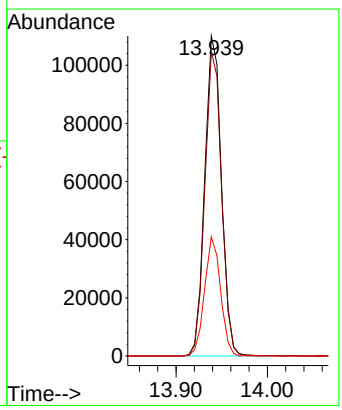




#96
1,2,3-Trichlorobenzene
Concen: 54.316 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX047588.D
Acq: 16 Sep 2025 10:58

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



Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:51:28 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	5.532	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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Sep 22 01:51:28 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)
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	327988	132.545	ug/l	89
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

Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:51:28 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)

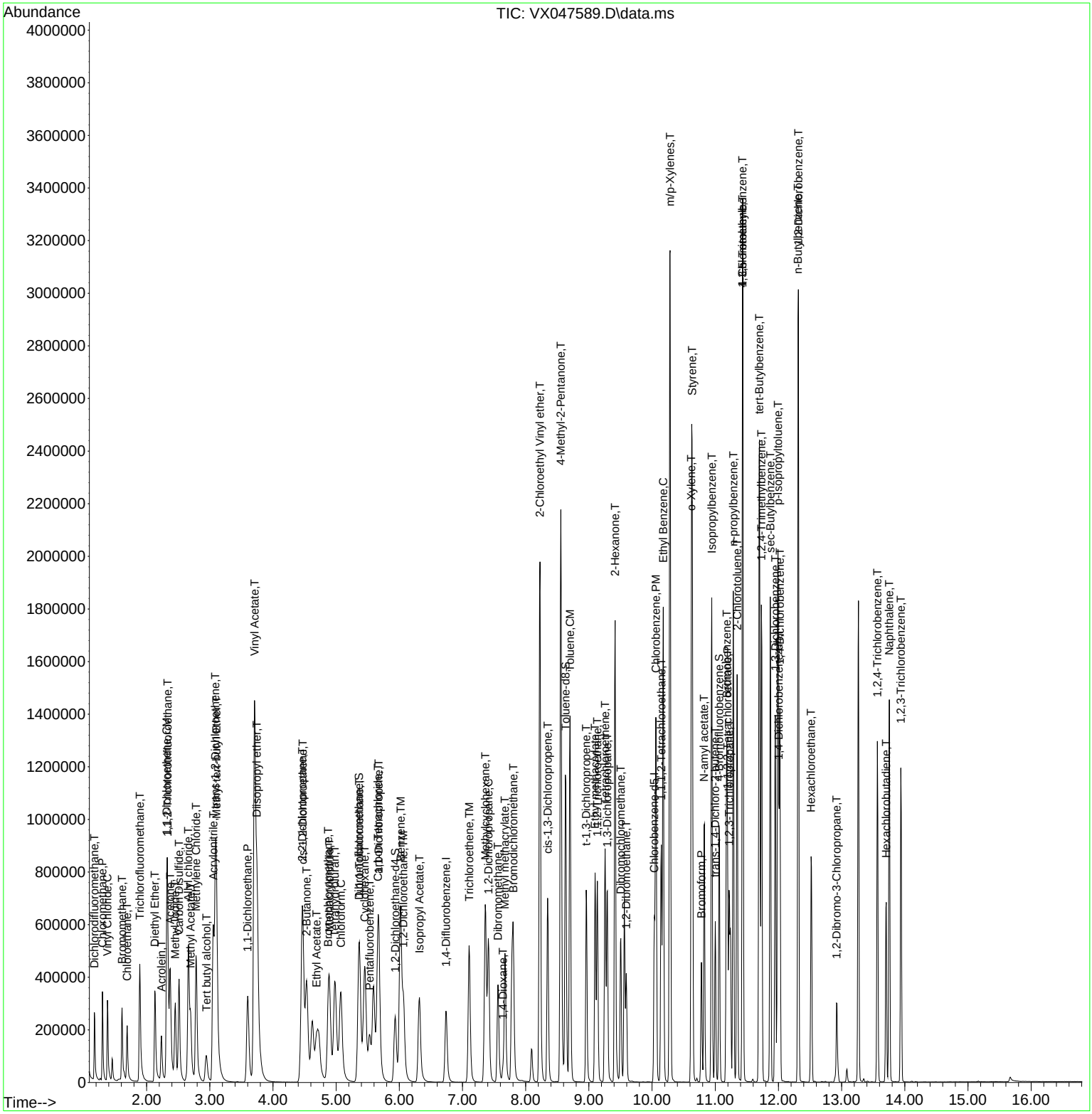
(#) = qualifier out of range (m) = manual integration (+) = signals summed

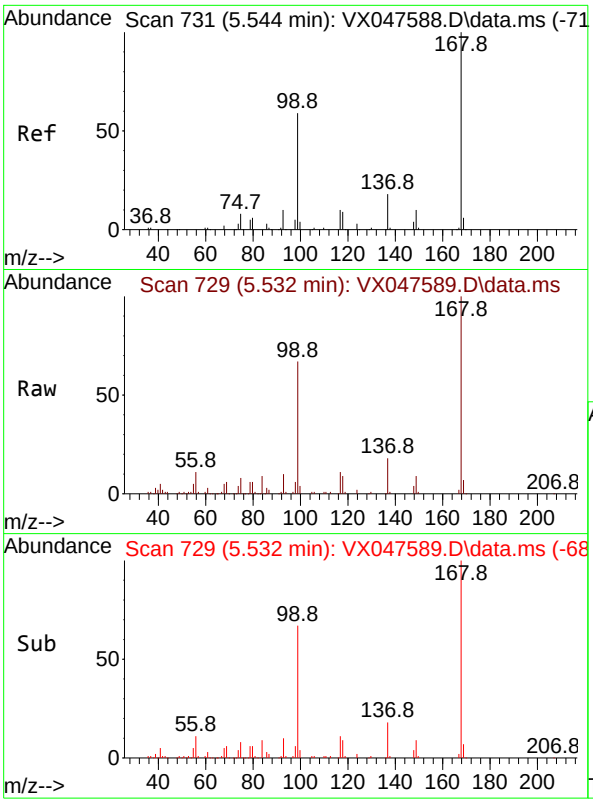
Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:51:28 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



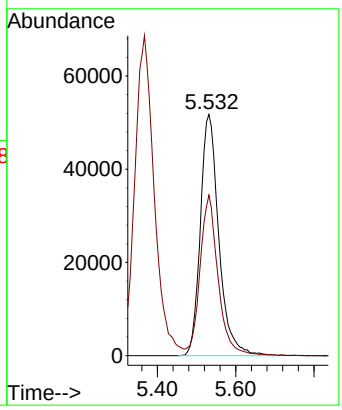


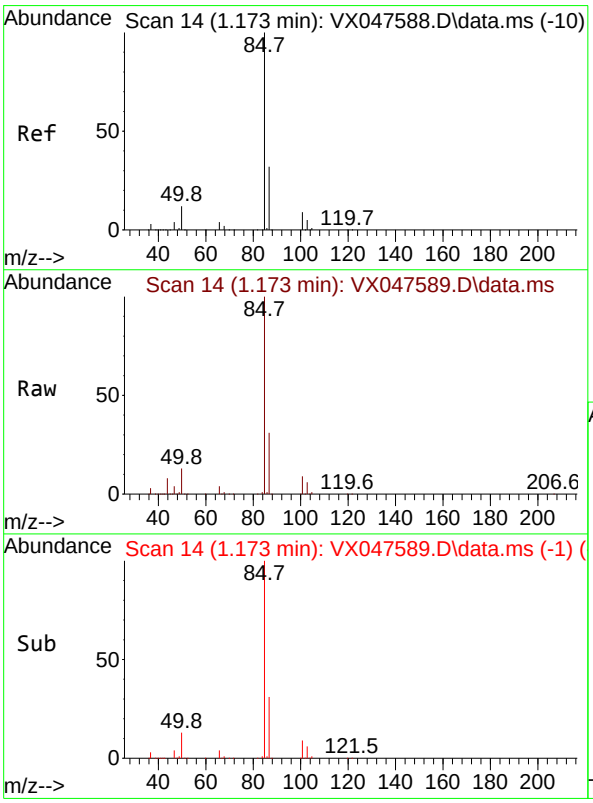
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 169280

Ion	Ratio	Lower	Upper
168	100		
99	66.4	48.8	73.2

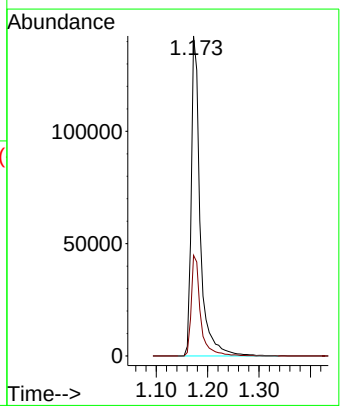


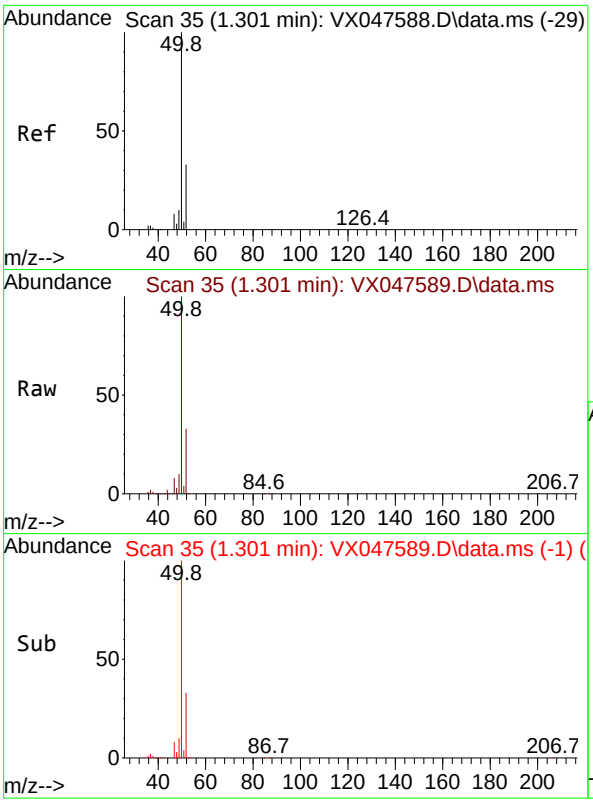


#2
Dichlorodifluoromethane
Concen: 98.537 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 85 Resp: 172727

Ion	Ratio	Lower	Upper
85	100		
87	31.4	15.8	47.3



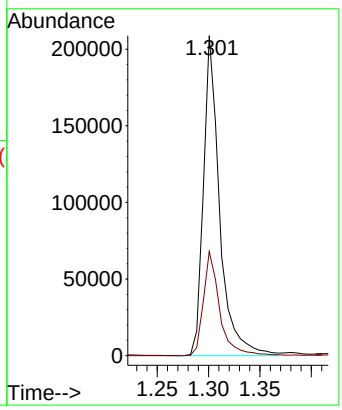


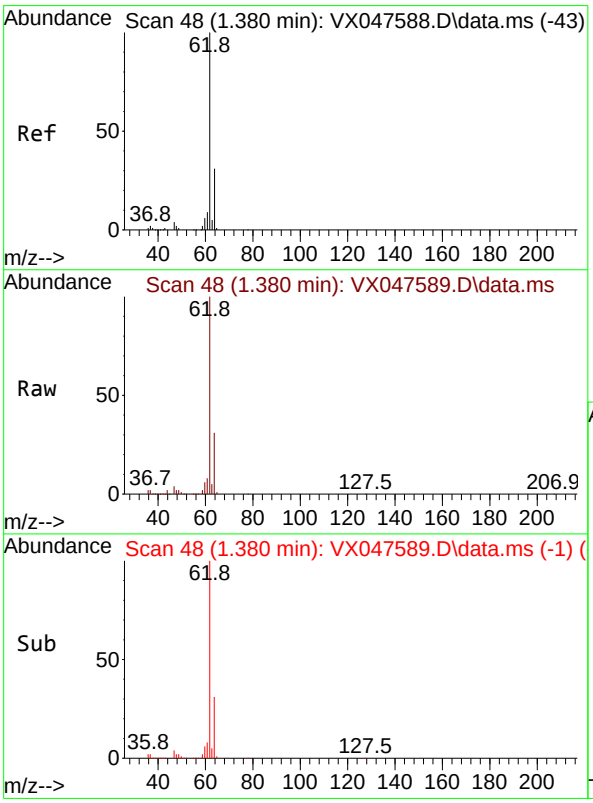
#3
Chloromethane
Concen: 99.472 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 229165

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.1	39.1

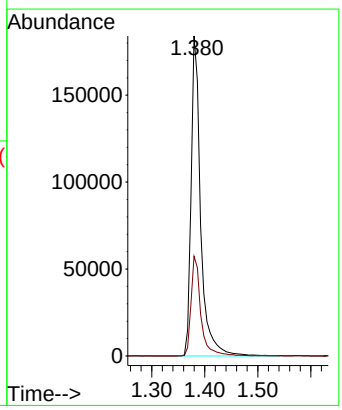


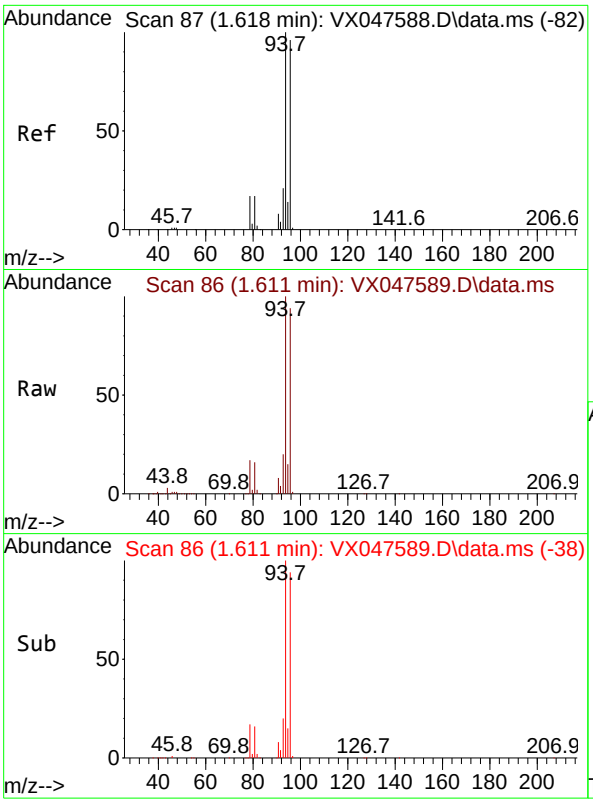


#4
Vinyl Chloride
Concen: 101.621 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 229175

Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.9	37.3



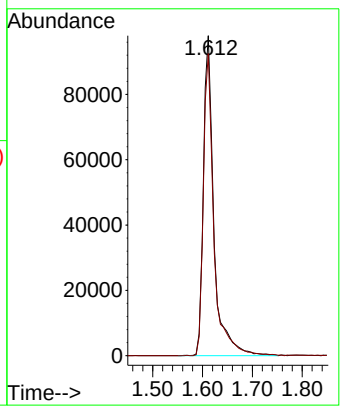


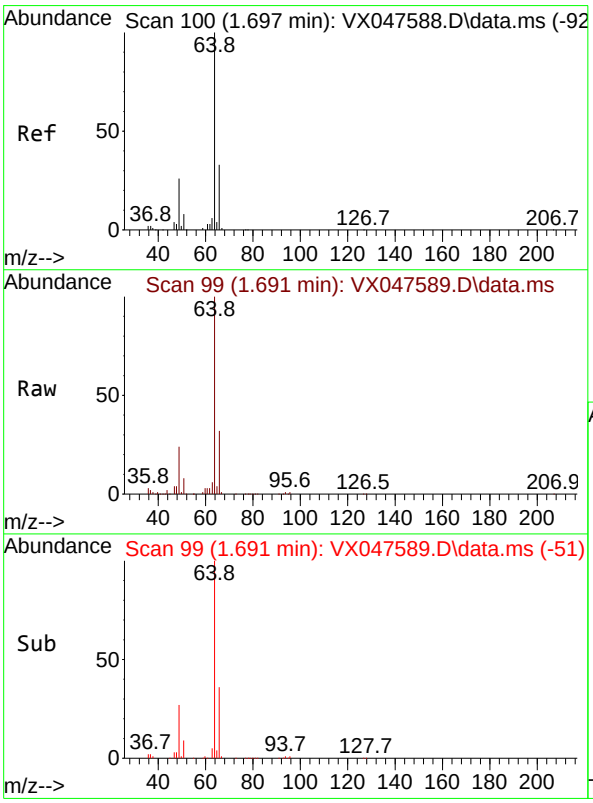
#5
Bromomethane
Concen: 100.076 ug/l
RT: 1.611 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 143113

Ion	Ratio	Lower	Upper
94	100		
96	94.4	76.6	115.0

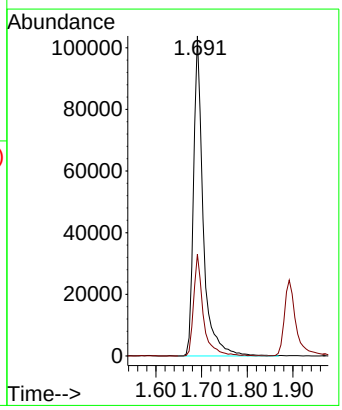


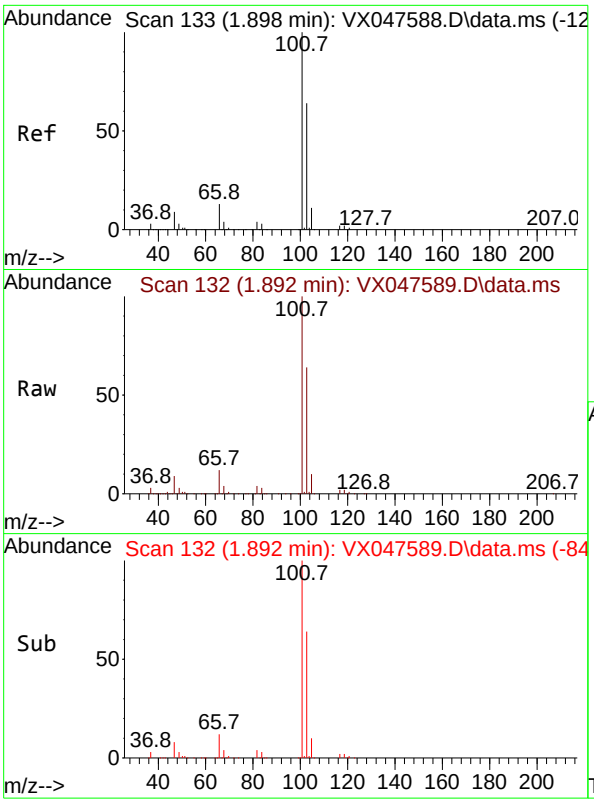


#6
Chloroethane
Concen: 101.167 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 64 Resp: 152487

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.1	39.1



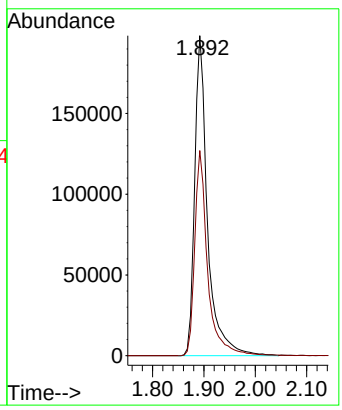


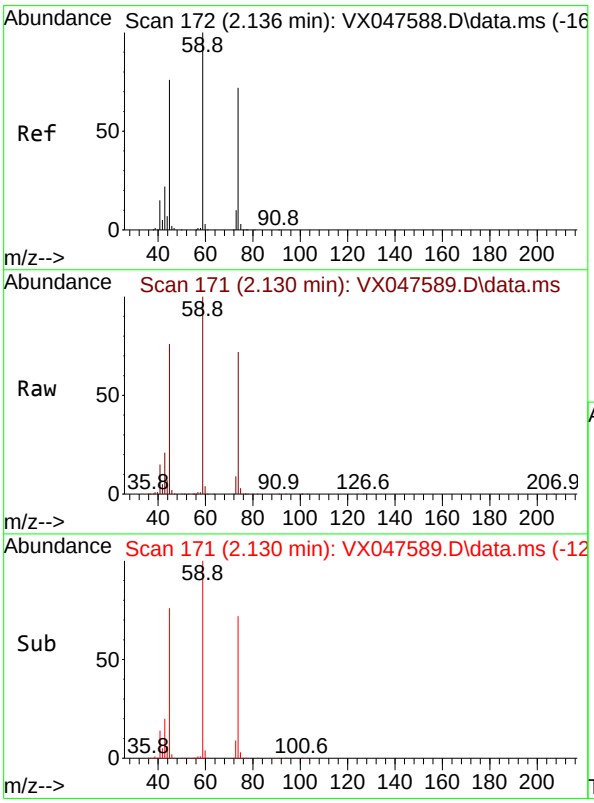
#7
Trichlorofluoromethane
Concen: 102.878 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 344488

Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.4	77.2

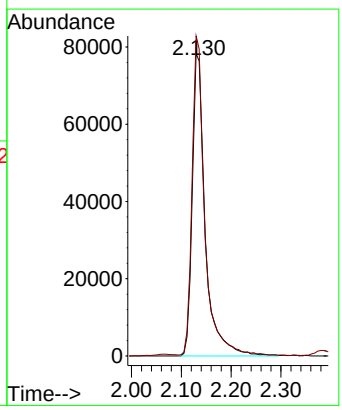


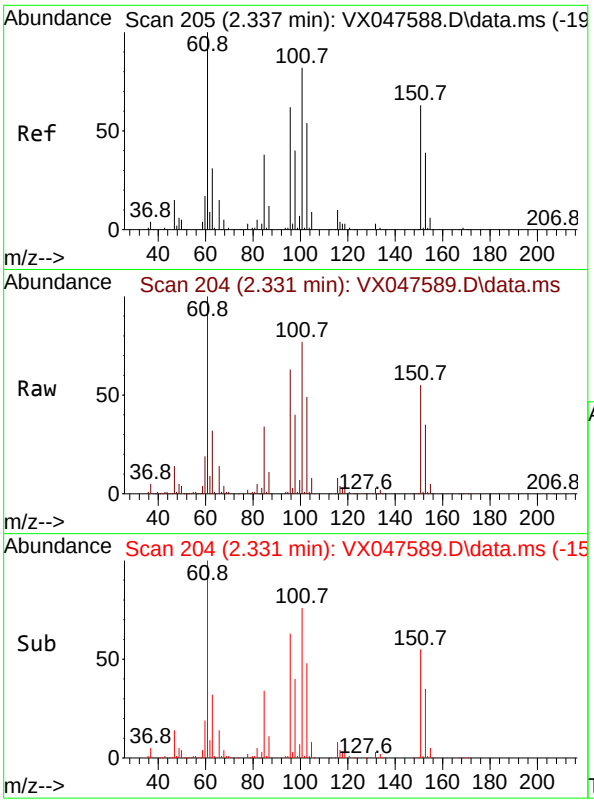


#8
Diethyl Ether
Concen: 103.695 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 74 Resp: 142038

Ion	Ratio	Lower	Upper
74	100		
45	104.6	52.3	156.8



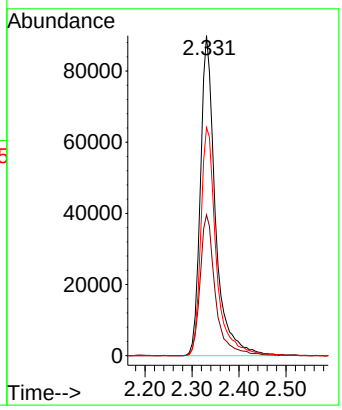


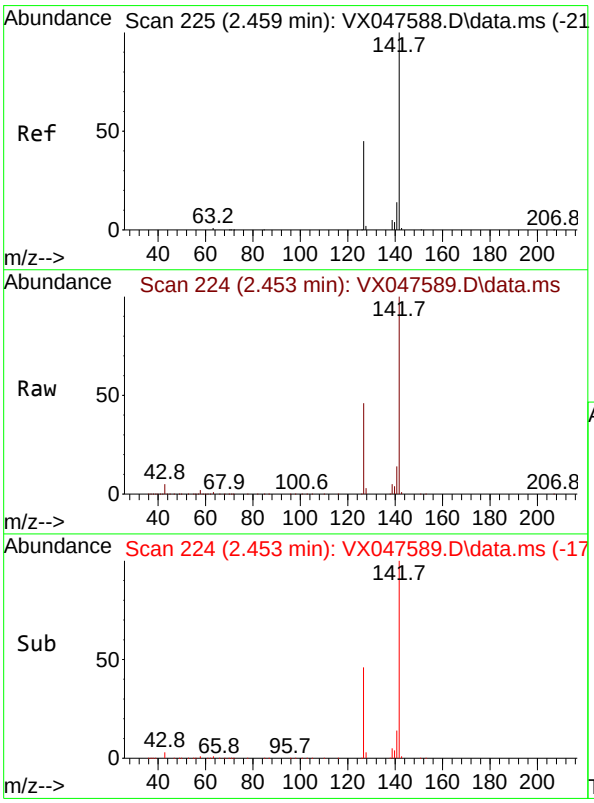
#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.067 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 199843

Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.5	53.3
151	73.6	59.4	89.0

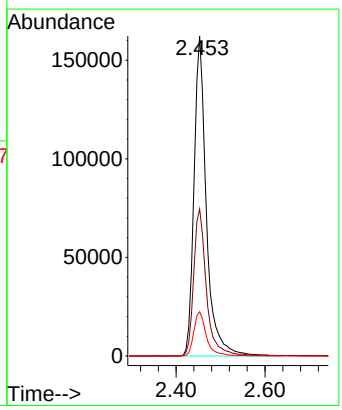


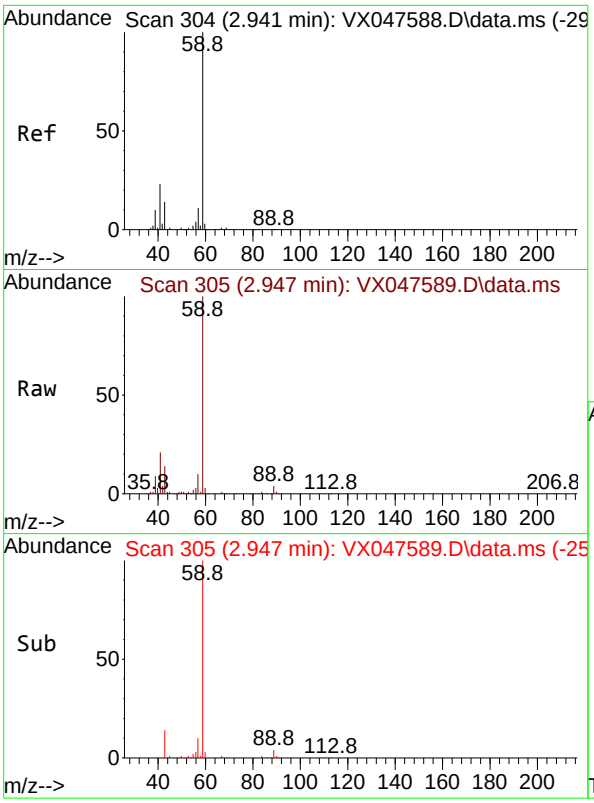


#10
Methyl Iodide
Concen: 102.531 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



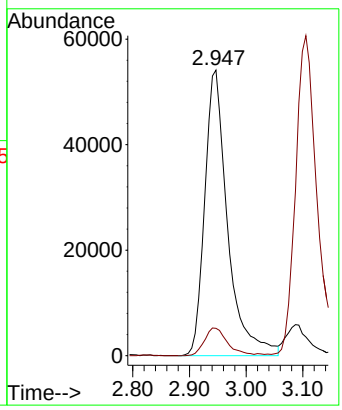


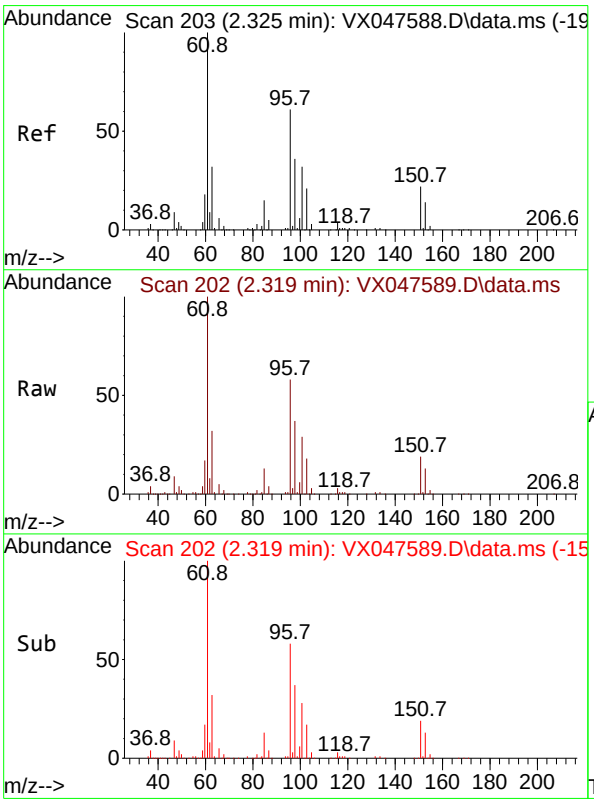
#11
Tert butyl alcohol
Concen: 506.863 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 152108

Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.3	12.5

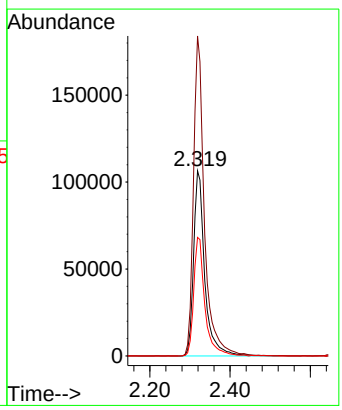


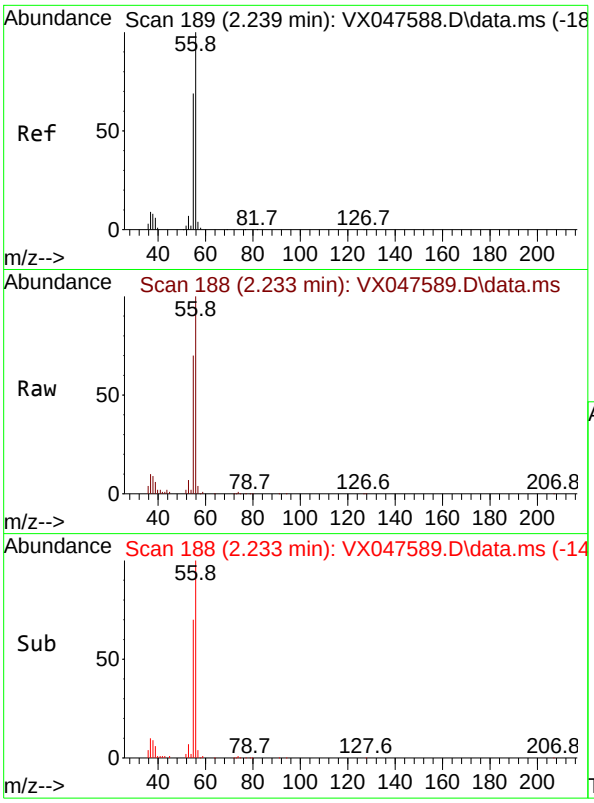


#12
1,1-Dichloroethene
Concen: 102.473 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



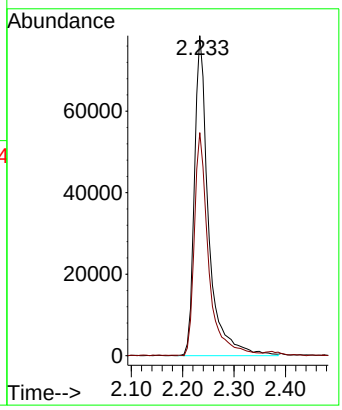


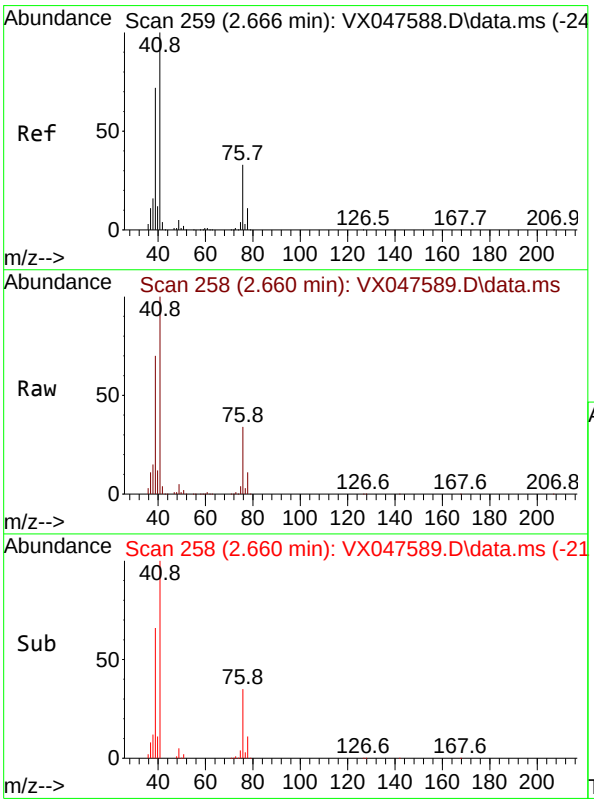
#13
Acrolein
Concen: 545.276 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 150793

Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.2	85.8

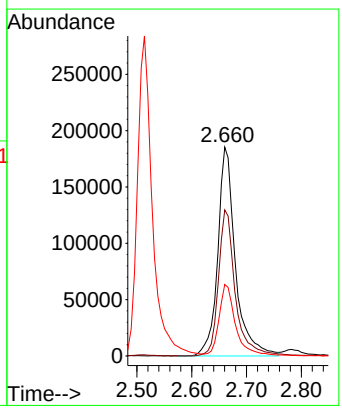


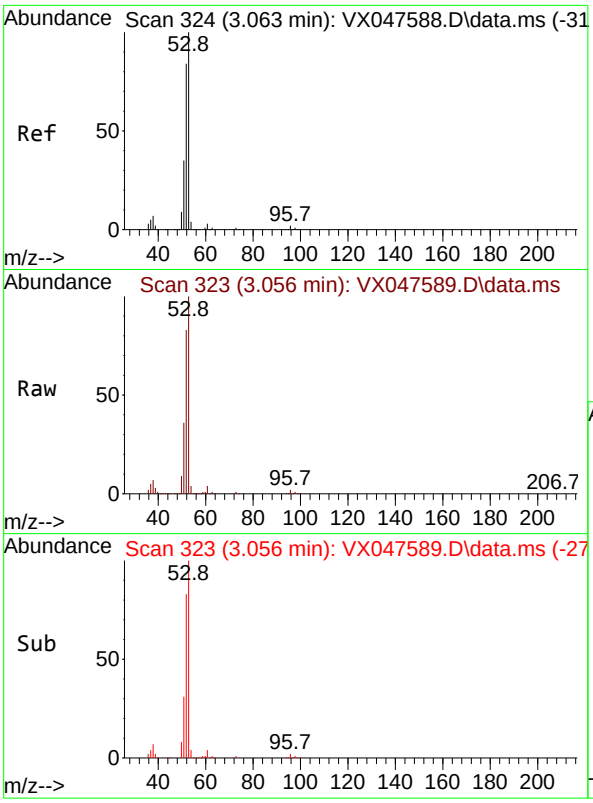


#14
Allyl chloride
Concen: 100.028 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



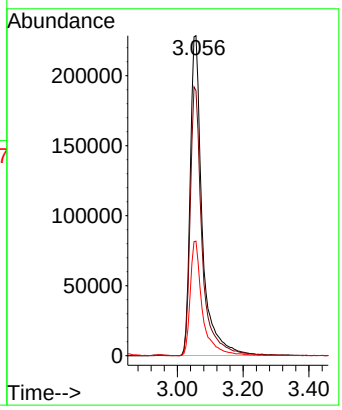


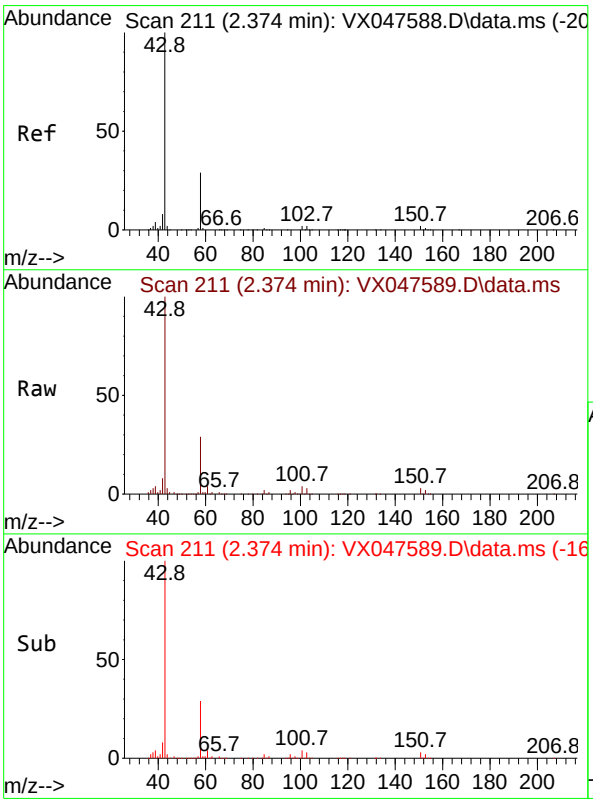
#15
Acrylonitrile
Concen: 522.897 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 581240

Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	36.4	29.5	44.3

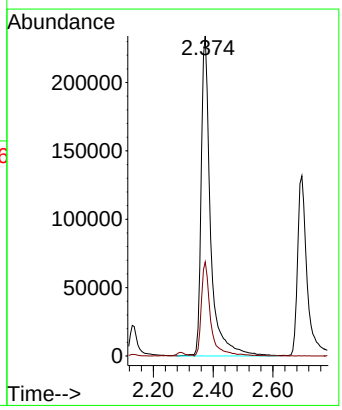


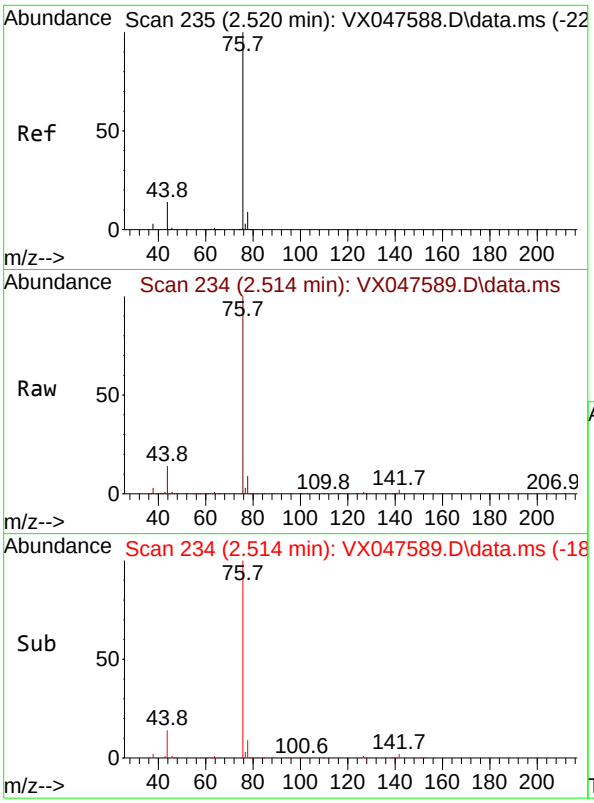


#16
Acetone
Concen: 435.772 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 510542

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0



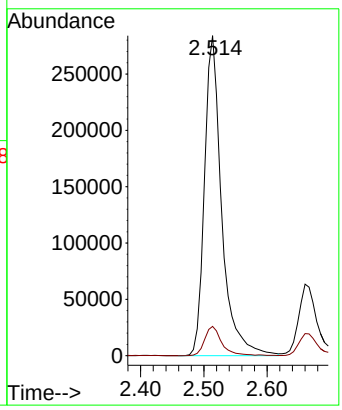


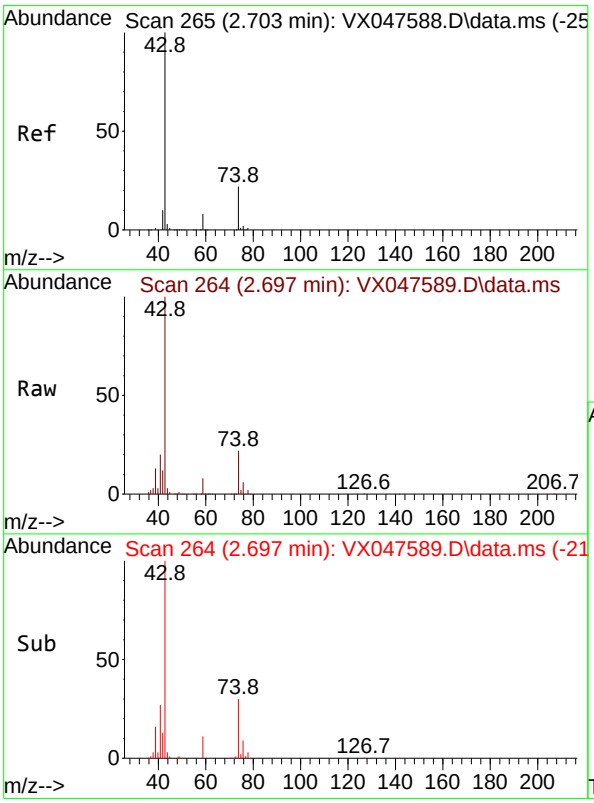
#17
Carbon Disulfide
Concen: 97.693 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 537888

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2

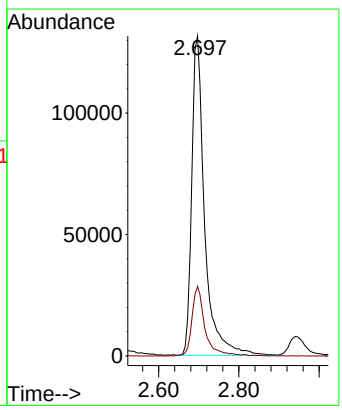


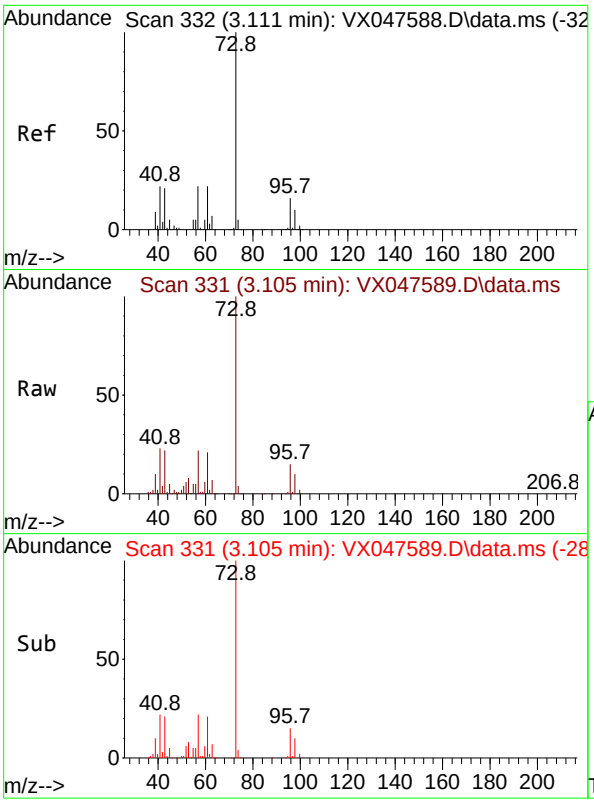


#18
Methyl Acetate
Concen: 112.324 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 43 Resp: 292867

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



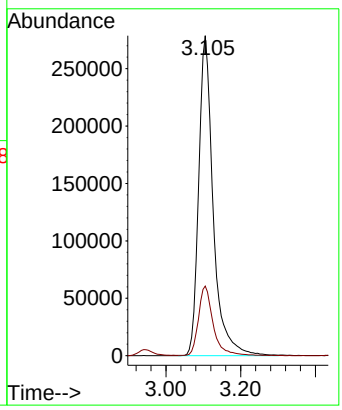


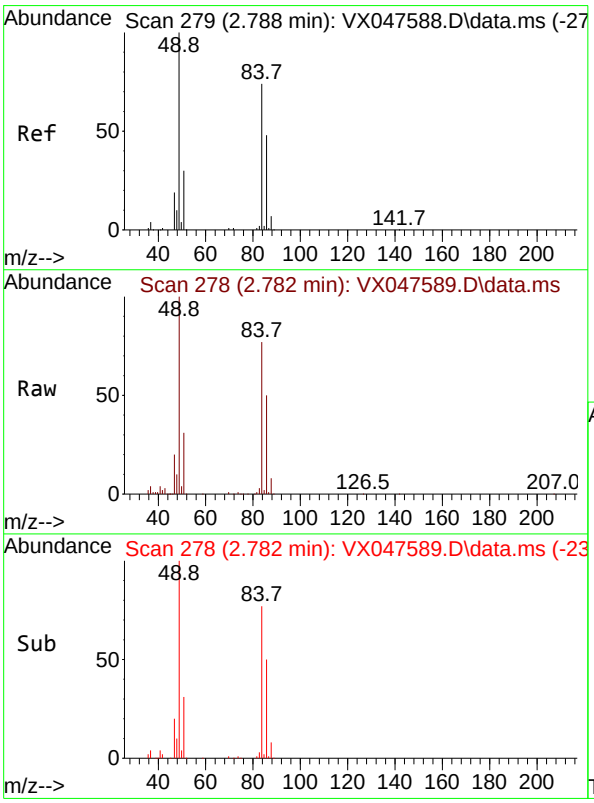
#19
Methyl tert-butyl Ether
Concen: 102.011 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 748952

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2

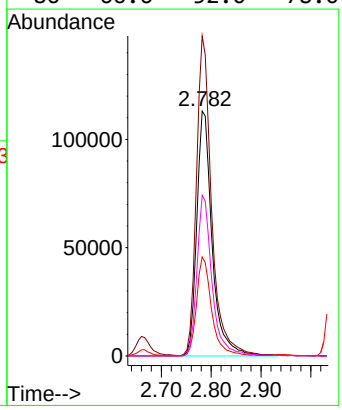


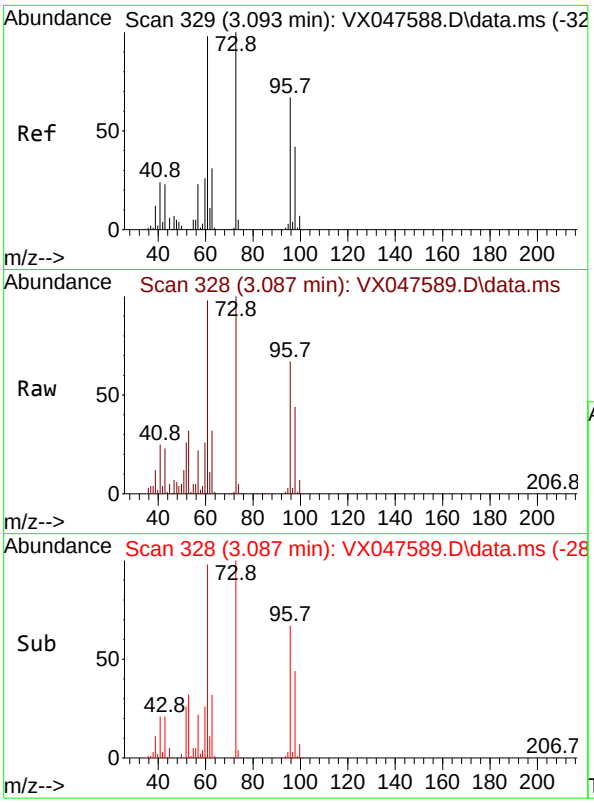


#20
Methylene Chloride
Concen: 97.805 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



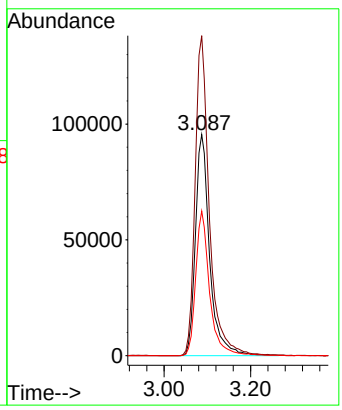


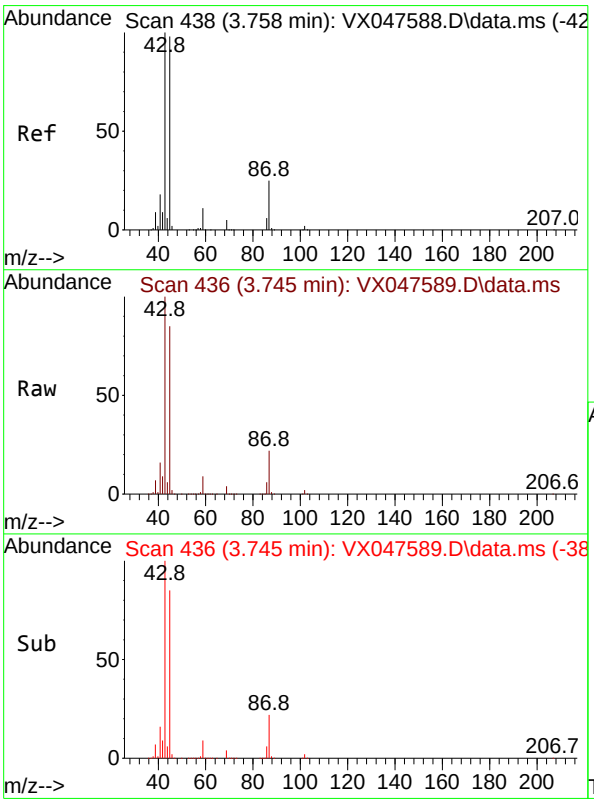
#21
trans-1,2-Dichloroethene
Concen: 100.566 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 217759

Ion	Ratio	Lower	Upper
96	100		
61	144.7	116.2	174.2
98	65.4	49.3	73.9

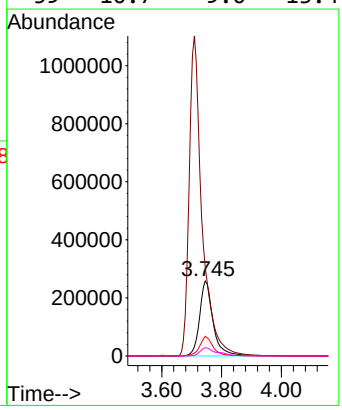


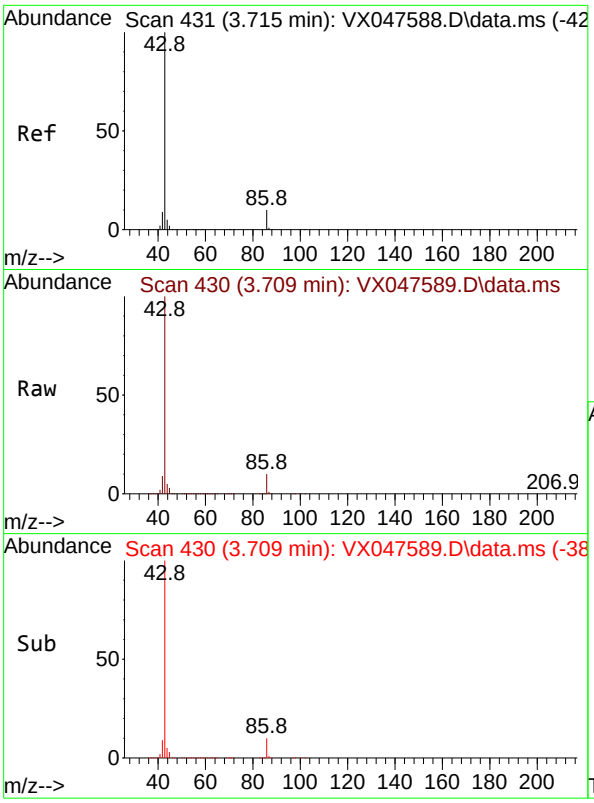


#22
Diisopropyl ether
Concen: 100.934 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



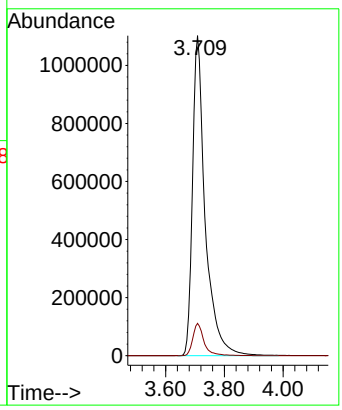


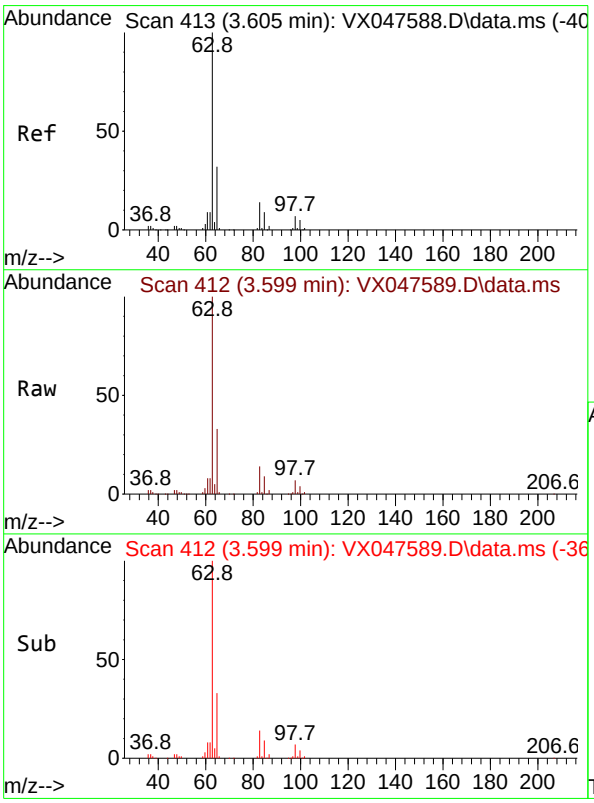
#23
Vinyl Acetate
Concen: 514.916 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 3314707

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.8	11.8

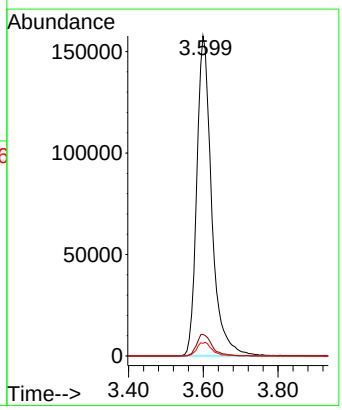


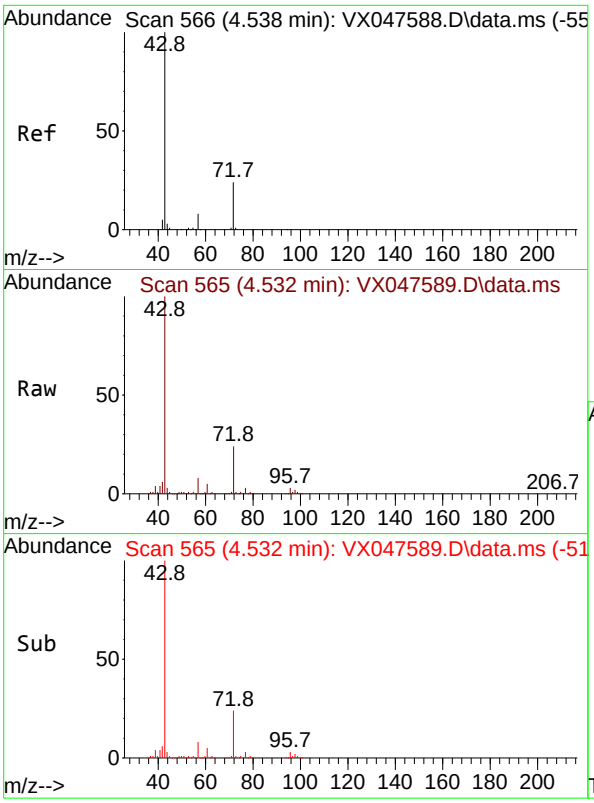


#24
1,1-Dichloroethane
Concen: 101.944 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



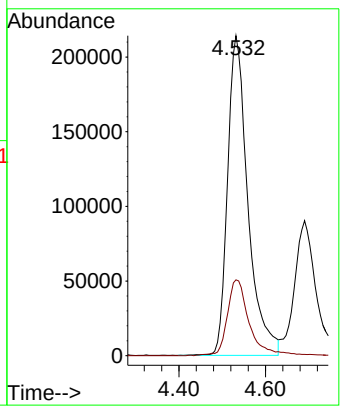


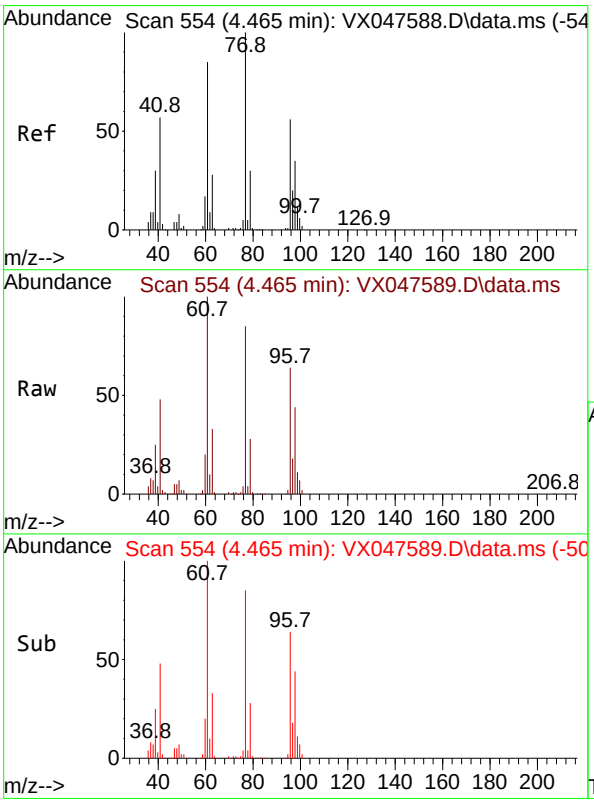
#25
2-Butanone
Concen: 479.558 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 700827

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.1	30.1

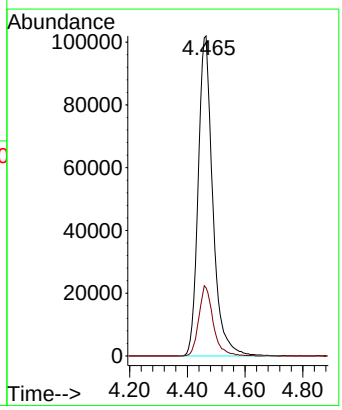


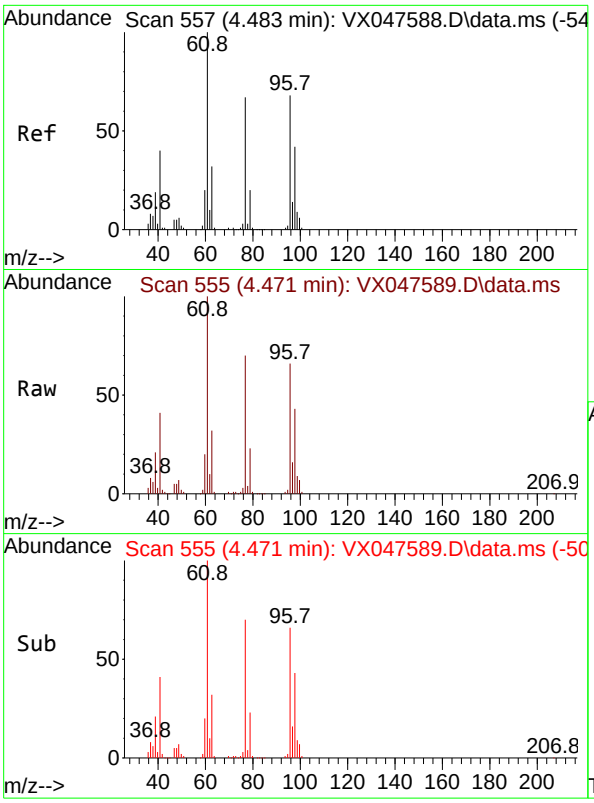


#26
2,2-Dichloropropane
Concen: 100.542 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 77 Resp: 357292

Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.9	32.7



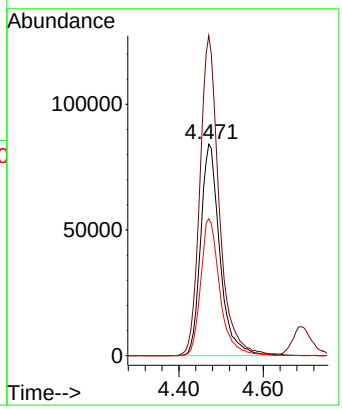


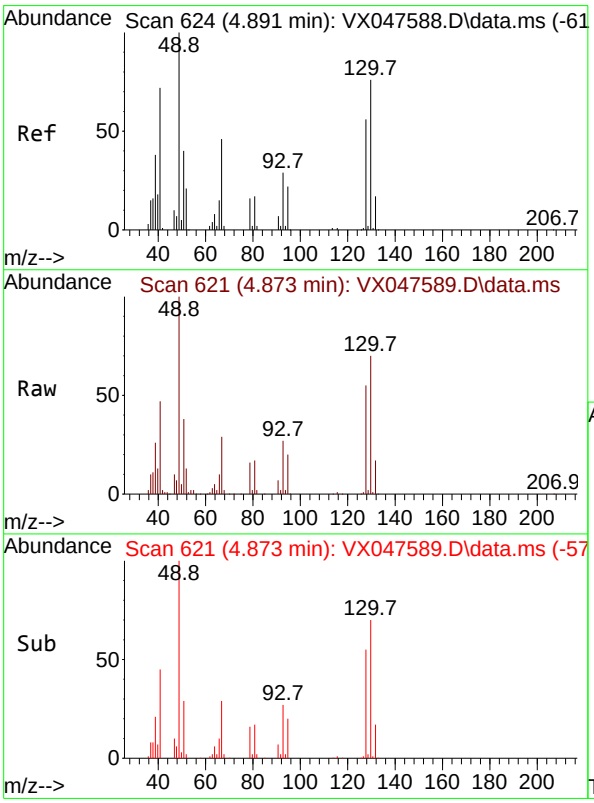
#27
cis-1,2-Dichloroethene
Concen: 100.516 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 96 Resp: 266550

Ion	Ratio	Lower	Upper
96	100		
61	151.5	0.0	303.2
98	64.4	0.0	127.8

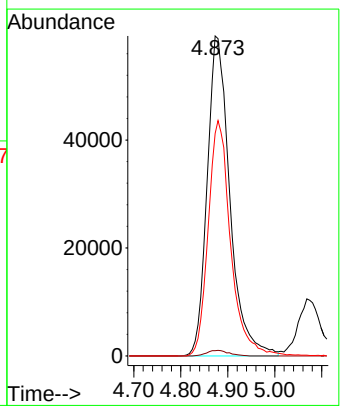


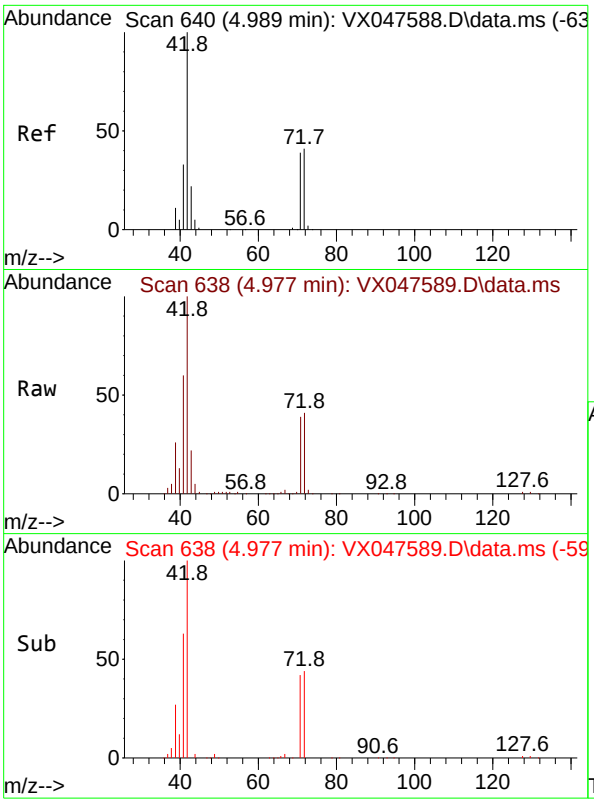


#28
Bromochloromethane
Concen: 106.512 ug/l
RT: 4.873 min Scan# 621
Delta R.T. -0.018 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



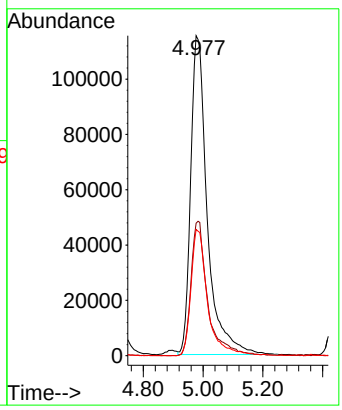


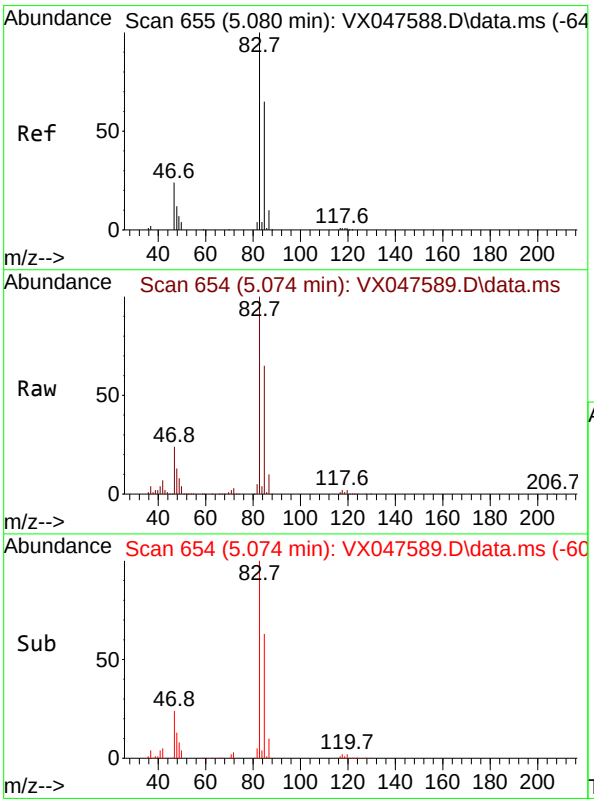
#29
Tetrahydrofuran
Concen: 504.502 ug/l
RT: 4.977 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 42 Resp: 443530

Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.2	51.2
71	39.5	31.9	47.9

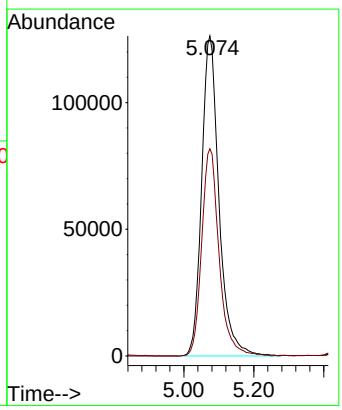


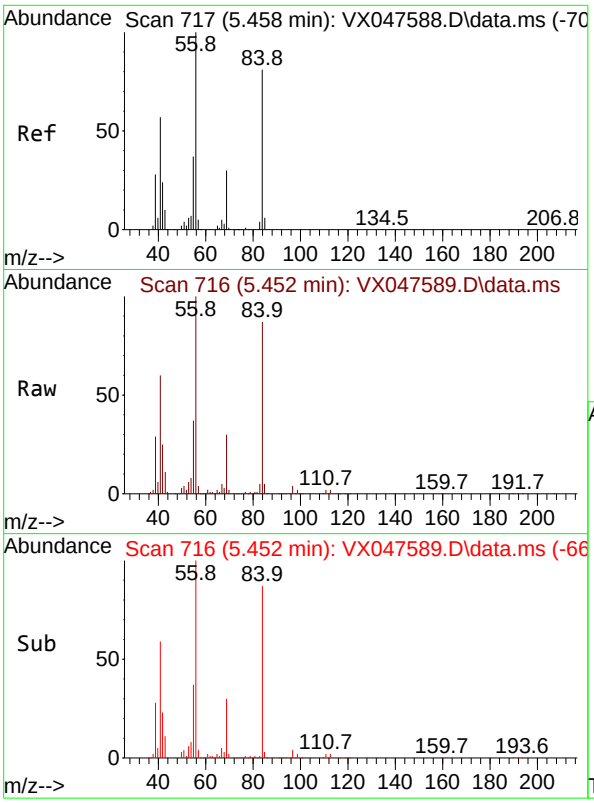


#30
Chloroform
Concen: 100.447 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 83 Resp: 433937

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.6



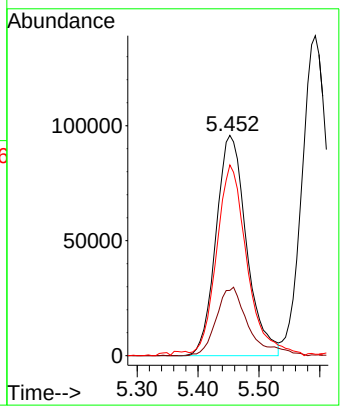


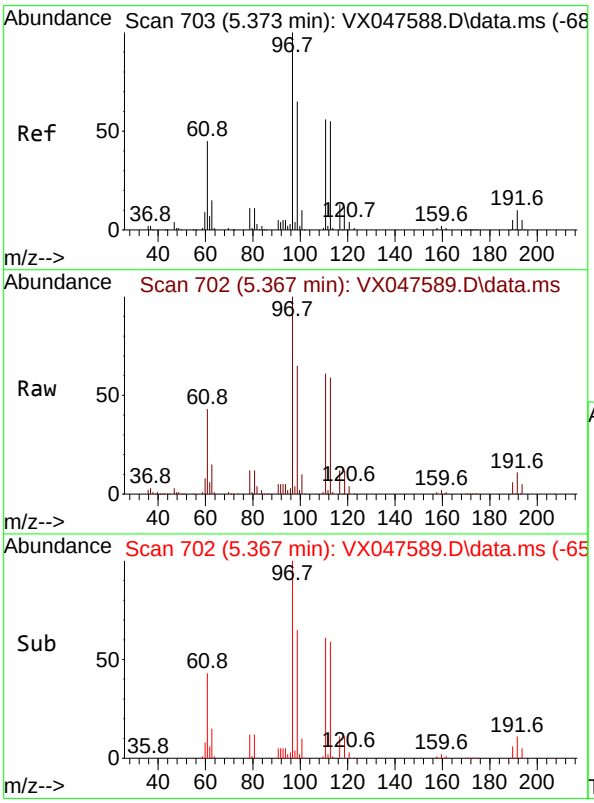
#31
Cyclohexane
Concen: 93.523 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 332995

Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.8	35.8
84	84.7	64.6	97.0

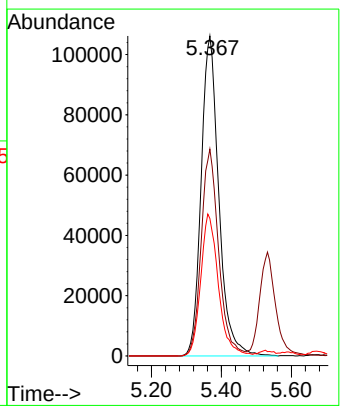


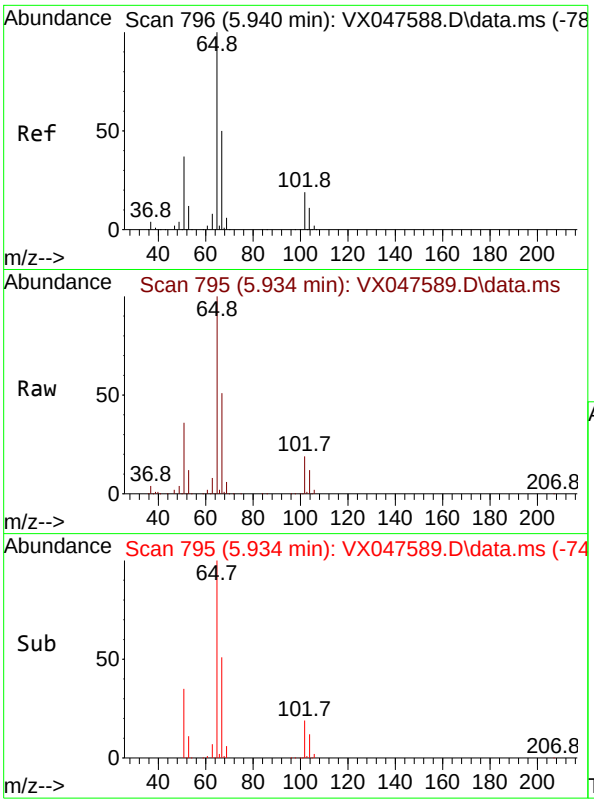


#32
1,1,1-Trichloroethane
Concen: 101.607 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



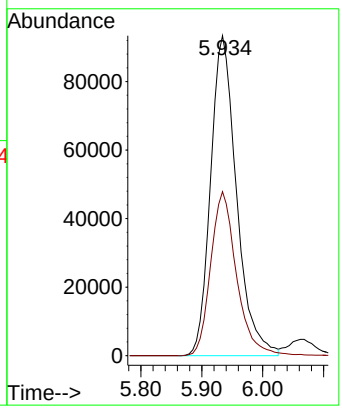


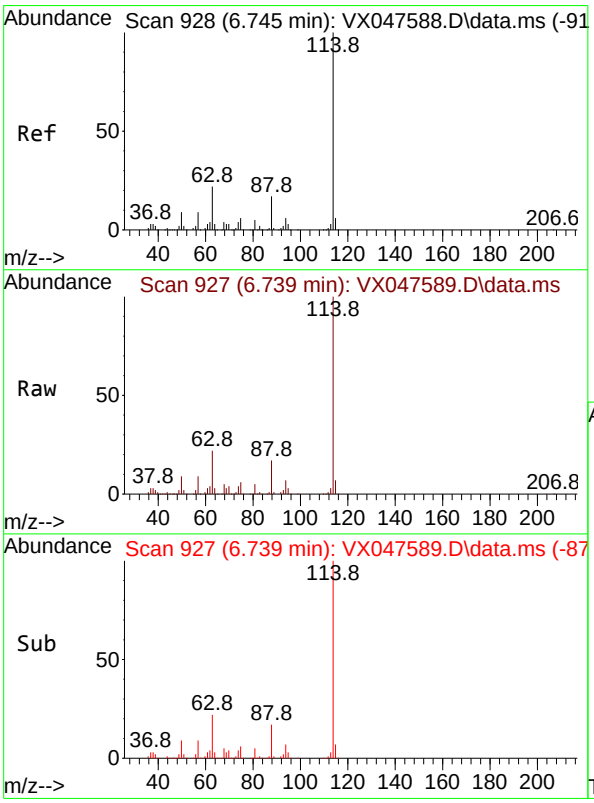
#33
1,2-Dichloroethane-d4
Concen: 102.341 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 275758

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0

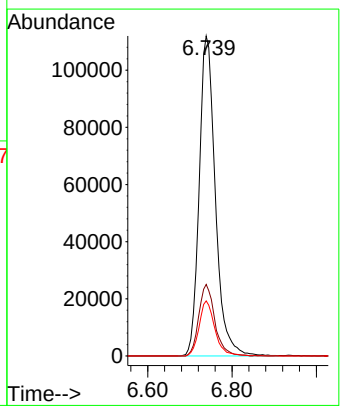


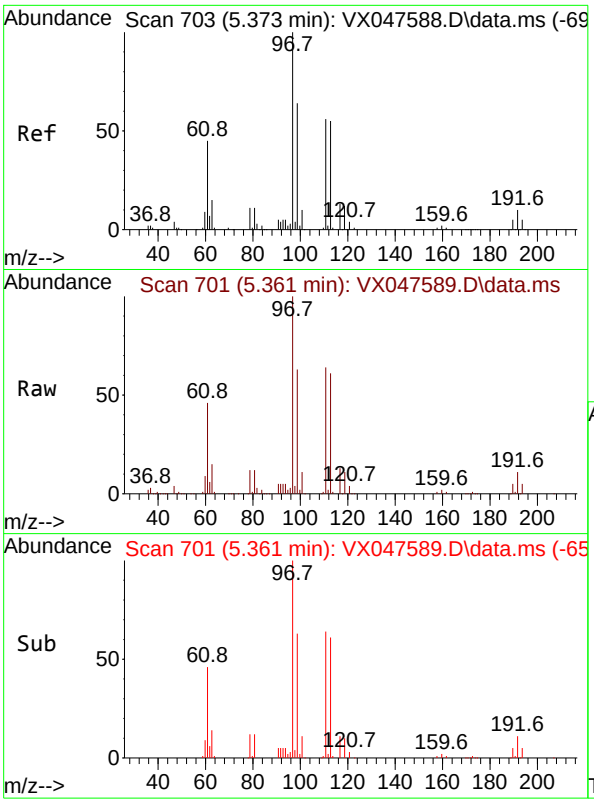


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



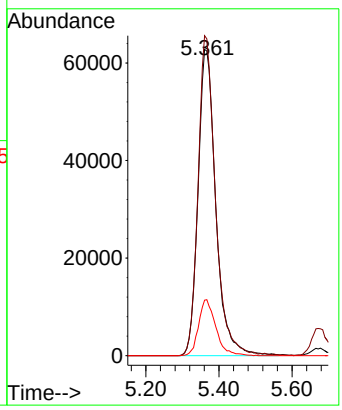


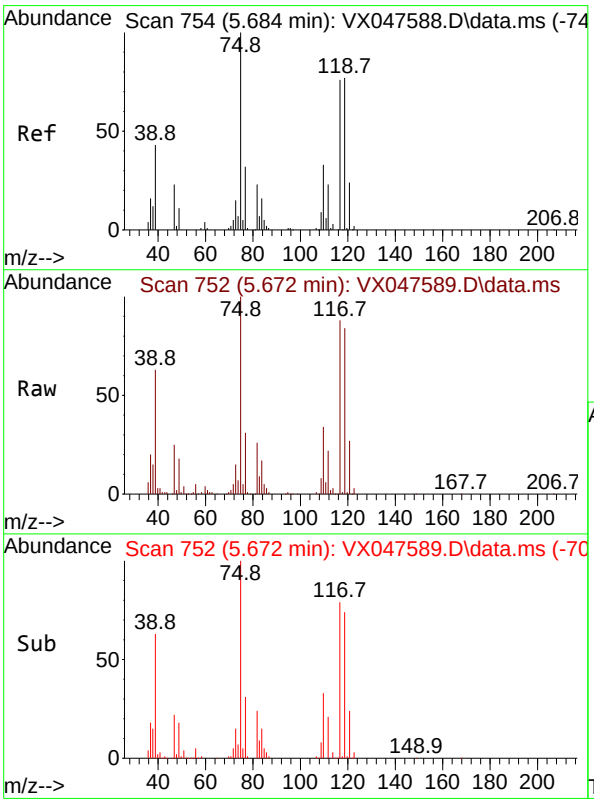
#35
Dibromofluoromethane
Concen: 105.962 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:113 Resp: 212419

Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.9	121.3
192	17.7	14.2	21.4

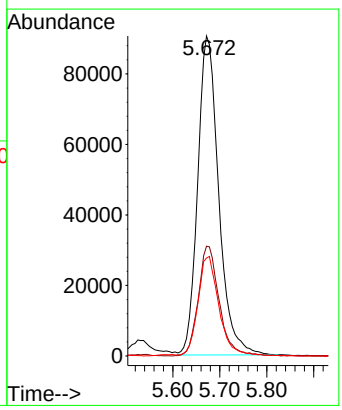


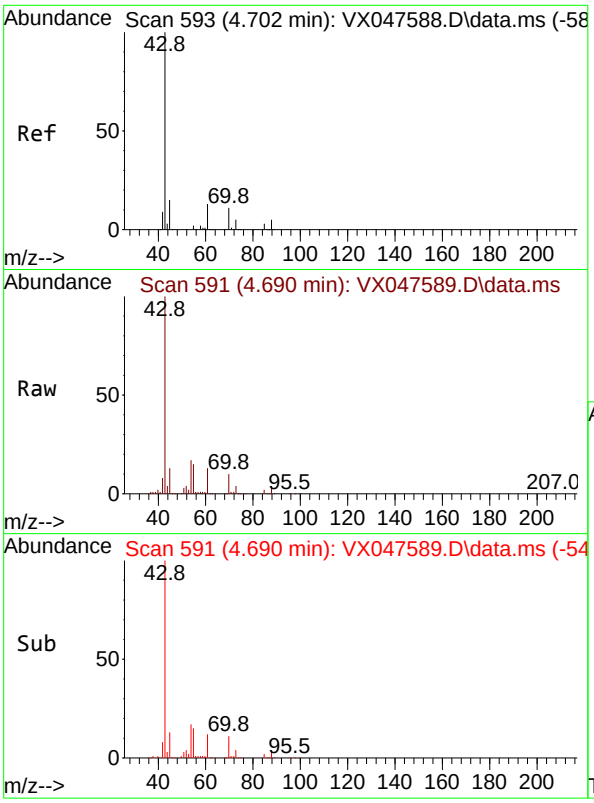


#36
1,1-Dichloropropene
Concen: 96.149 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



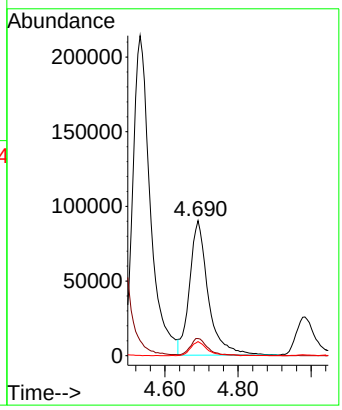


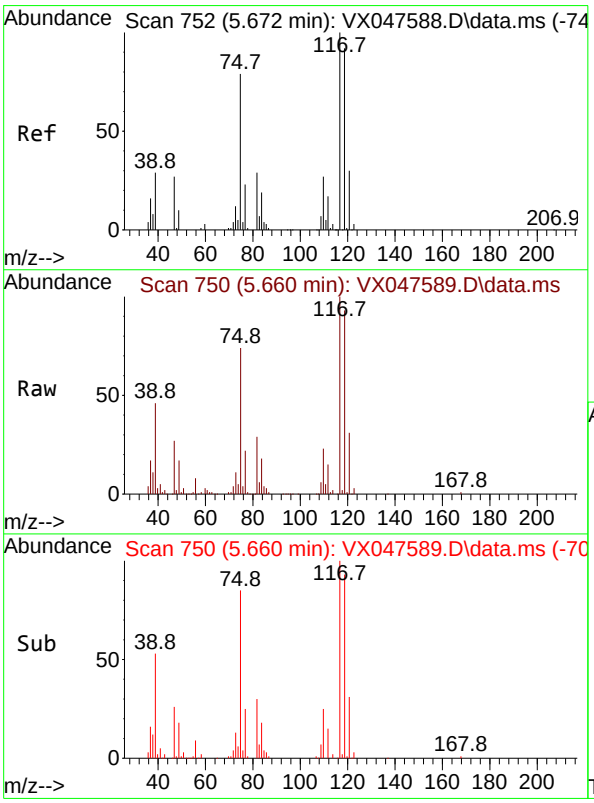
#37
Ethyl Acetate
Concen: 101.641 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 318793

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	9.4	7.9	11.9

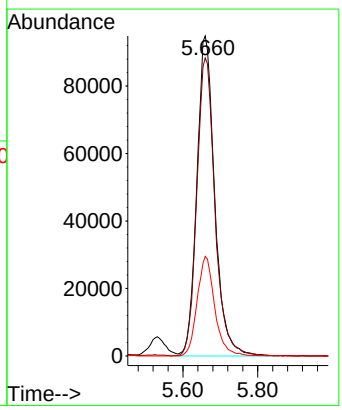


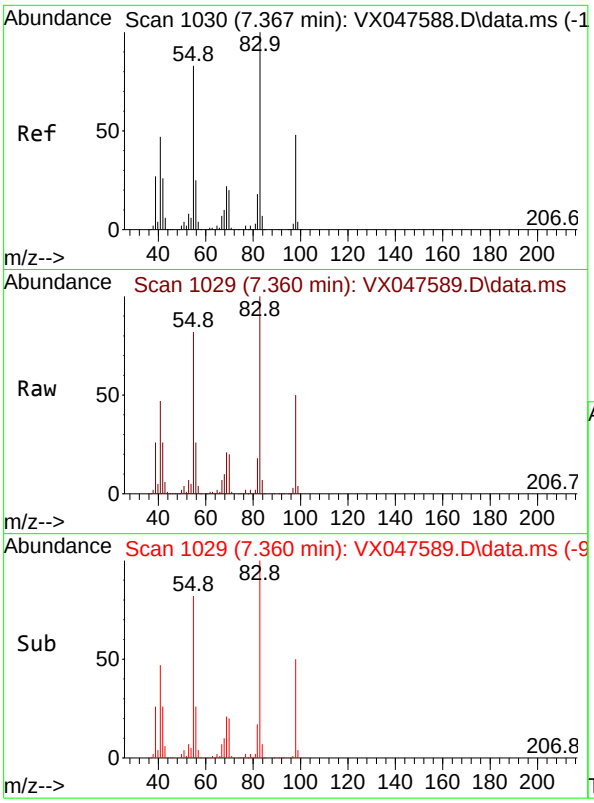


#38
Carbon Tetrachloride
Concen: 98.891 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



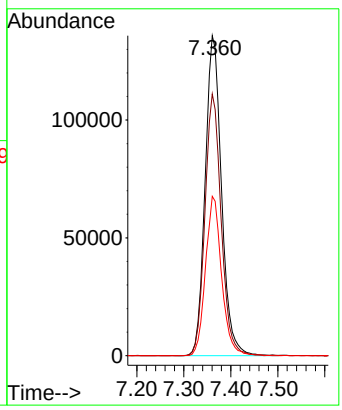


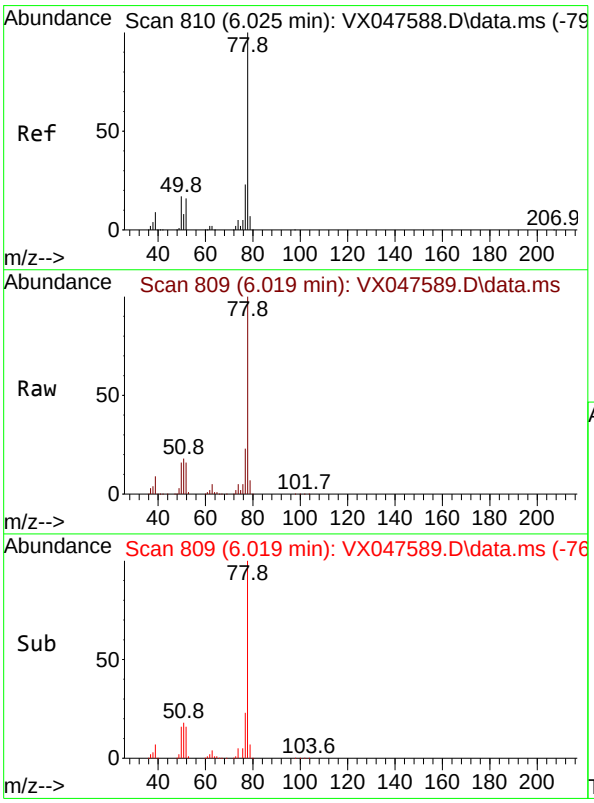
#39
Methylcyclohexane
Concen: 98.600 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 327858

Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.4	99.6
98	49.8	38.1	57.1

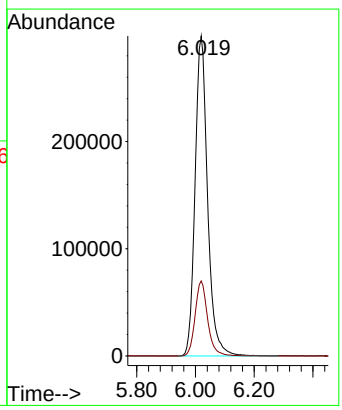


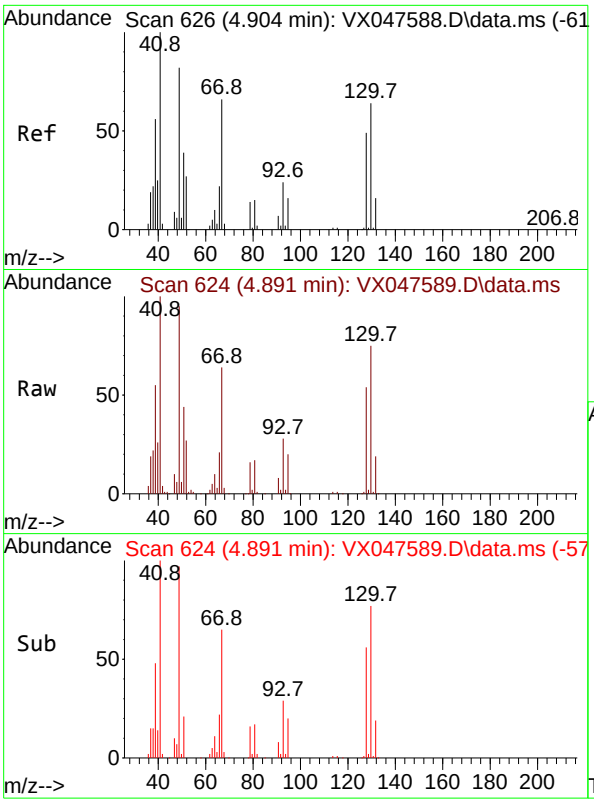


#40
Benzene
Concen: 99.009 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 78 Resp: 880885

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



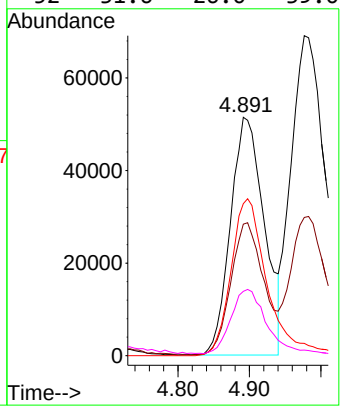


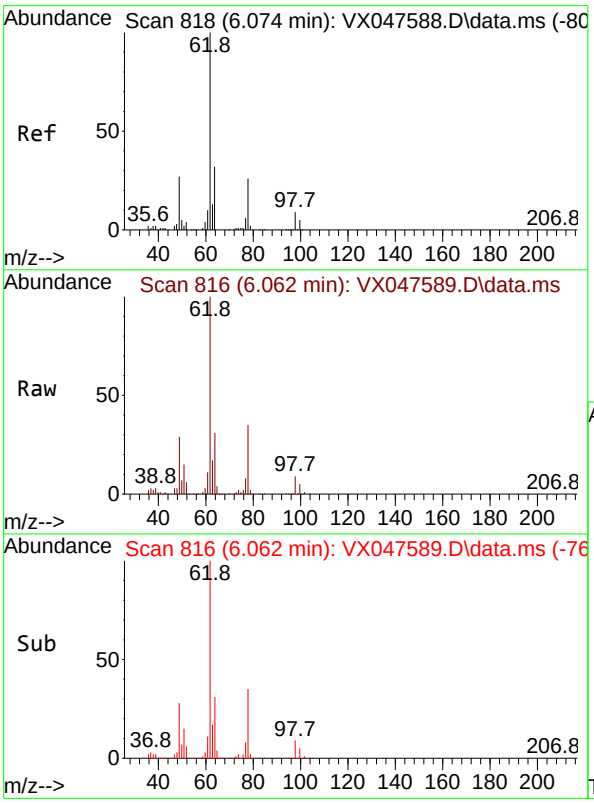
#41
Methacrylonitrile
Concen: 104.220 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 168753

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

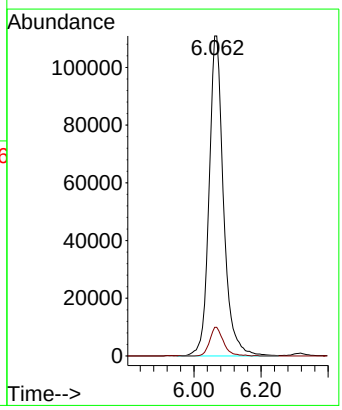


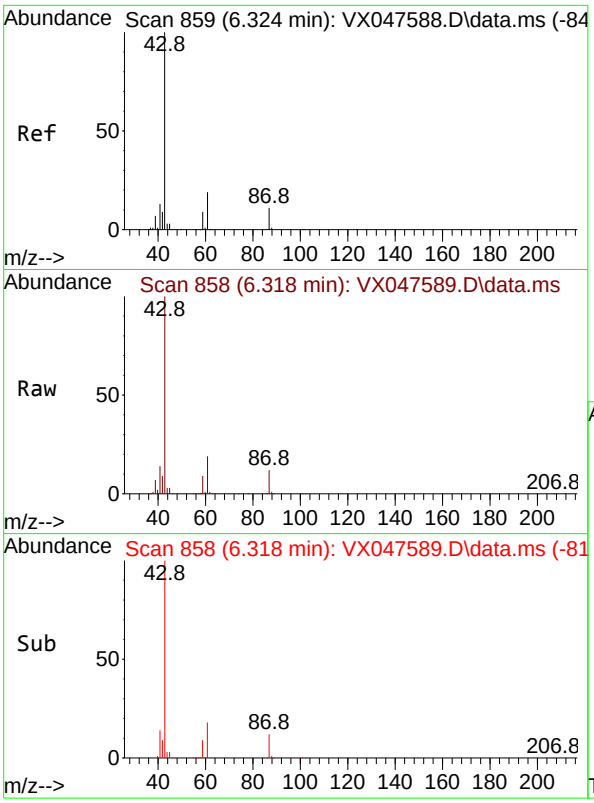


#42
1,2-Dichloroethane
Concen: 97.916 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 62 Resp: 331465

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0



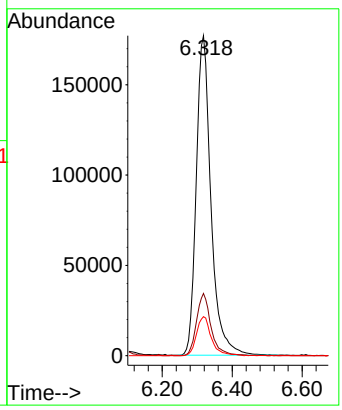


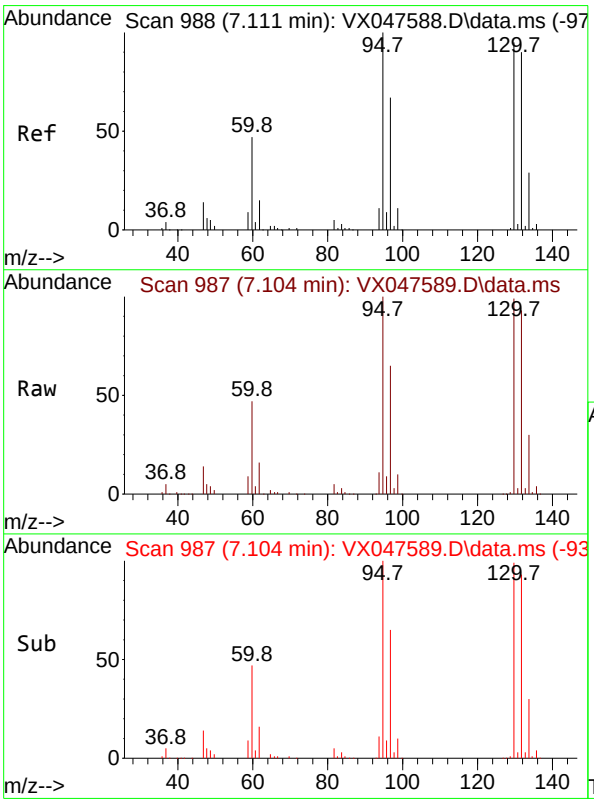
#43
Isopropyl Acetate
Concen: 100.482 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 516875

Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	12.3	9.6	14.4

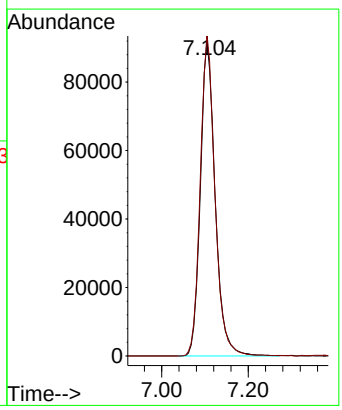


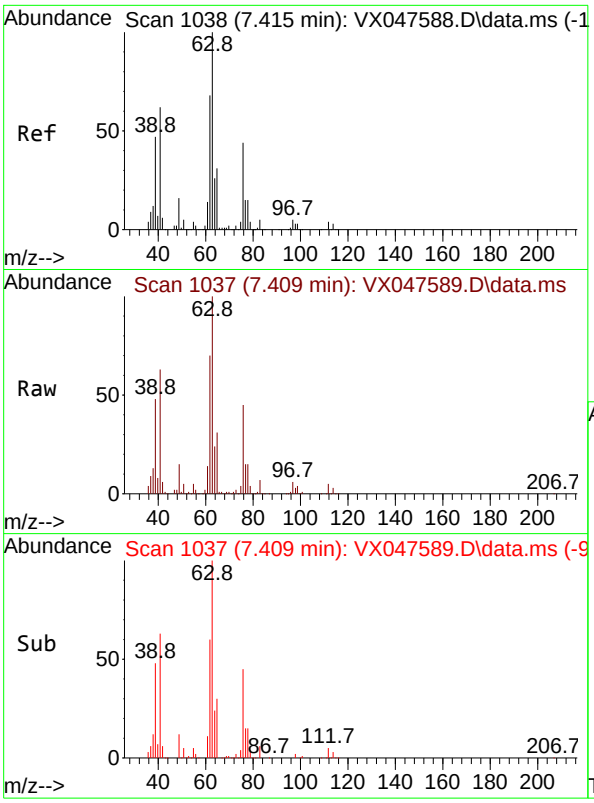


#44
Trichloroethene
Concen: 101.234 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:130 Resp: 217753

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	210.8



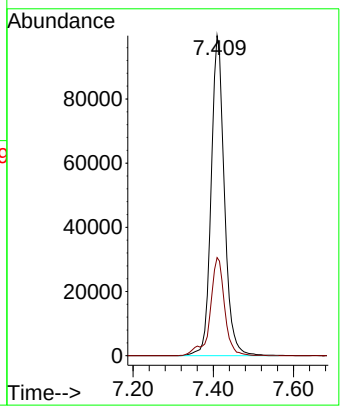


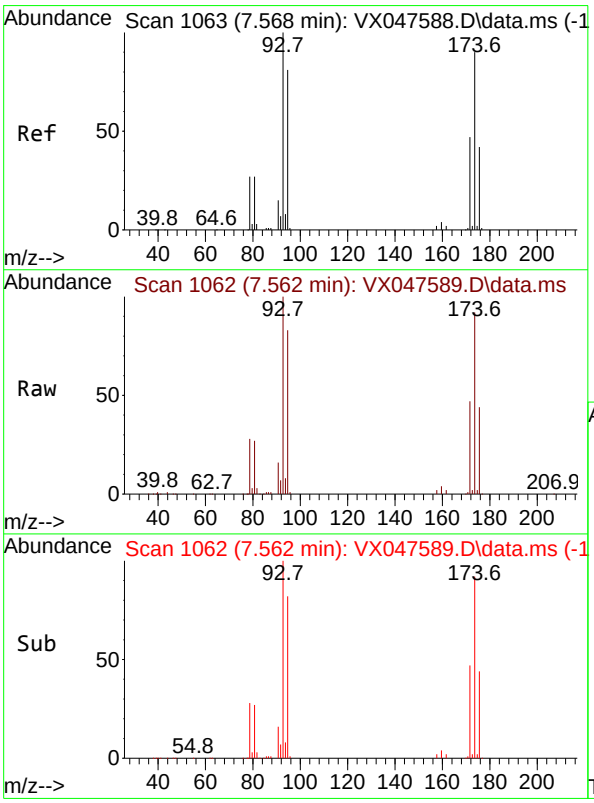
#45
1,2-Dichloropropane
Concen: 100.145 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 228150

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.7	37.1

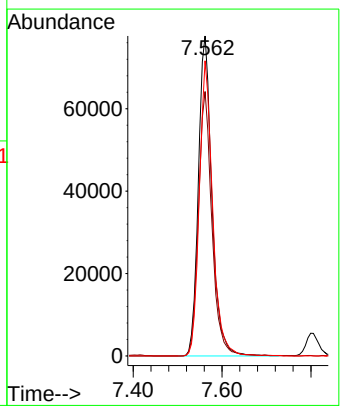


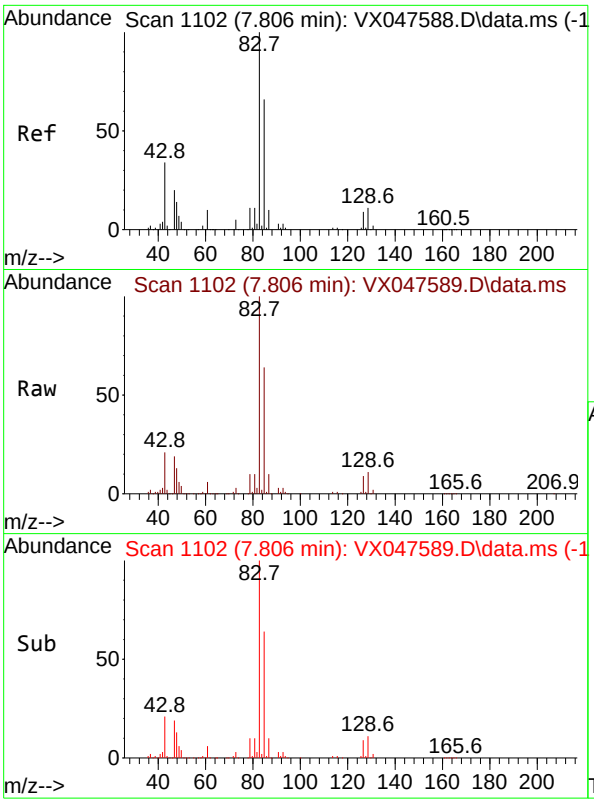


#46
Dibromomethane
Concen: 99.519 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



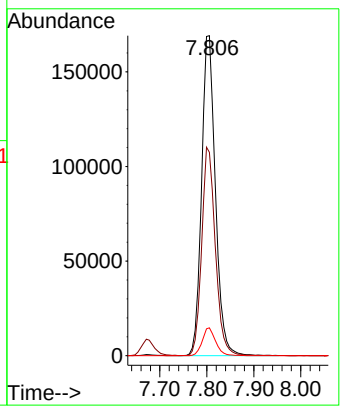


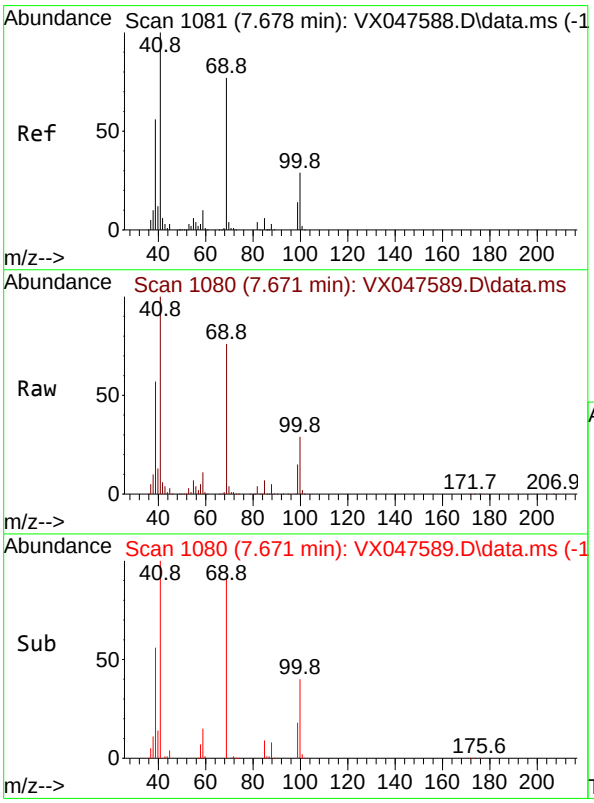
#47
Bromodichloromethane
Concen: 101.136 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 345991

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.5	78.7
127	8.7	6.9	10.3

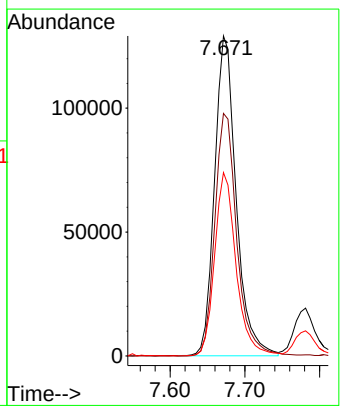


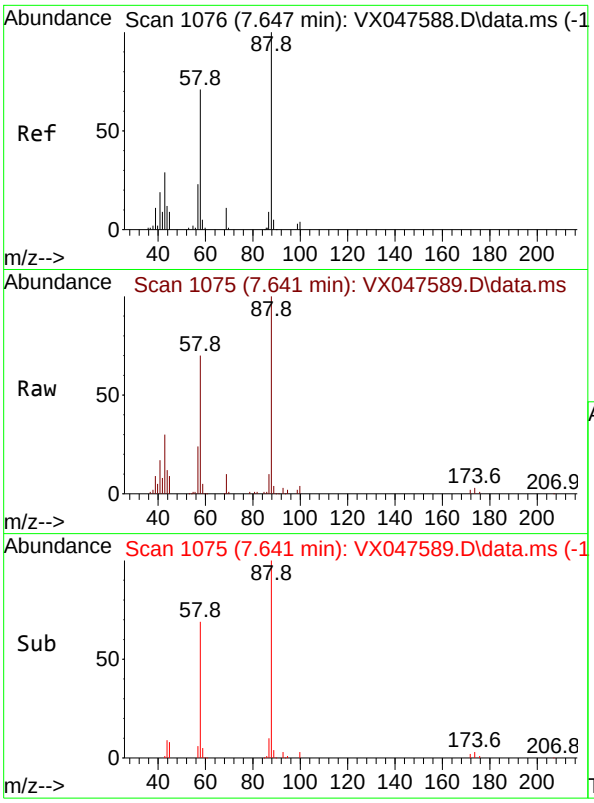


#48
Methyl methacrylate
Concen: 101.612 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



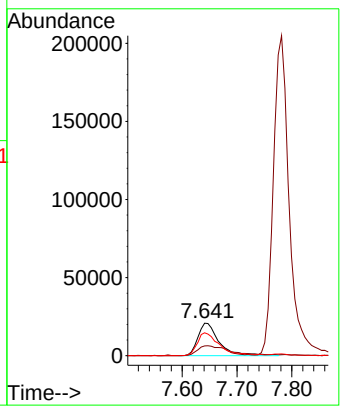


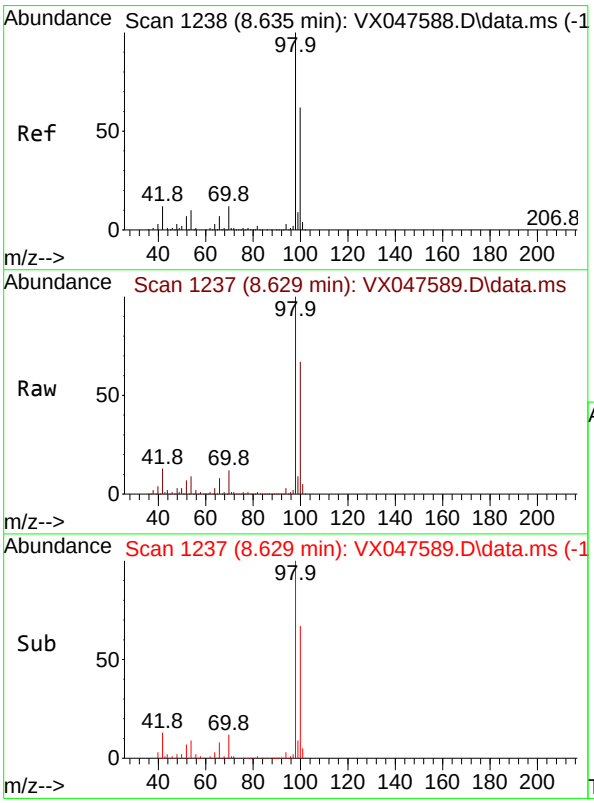
#49
1,4-Dioxane
Concen: 2190.315 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 88 Resp: 56717

Ion	Ratio	Lower	Upper
88	100		
43	39.4	30.2	45.2
58	74.0	59.5	89.3

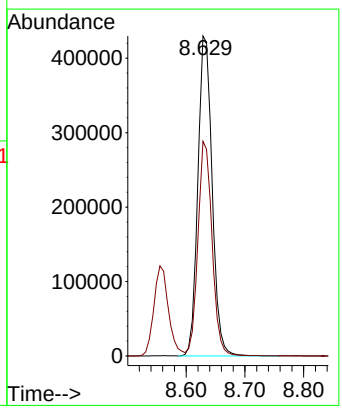


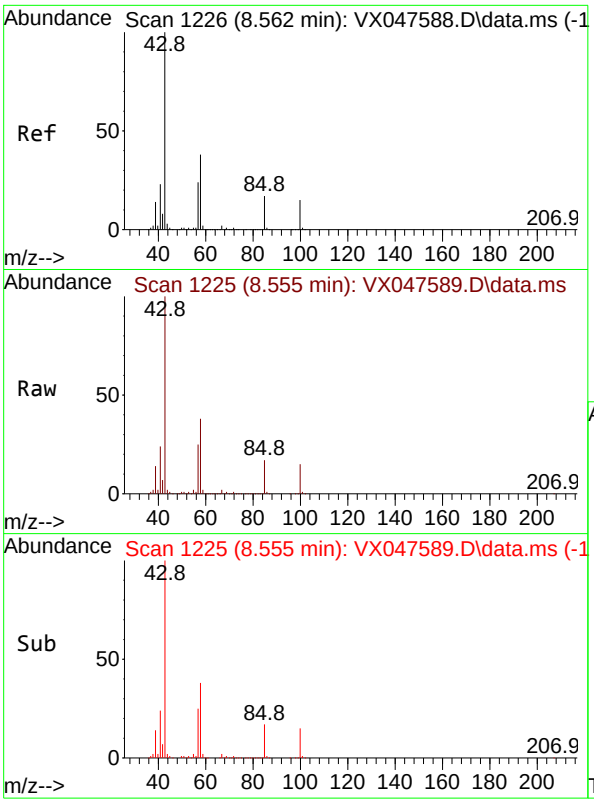


#50
Toluene-d8
Concen: 104.386 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 98 Resp: 724078

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4



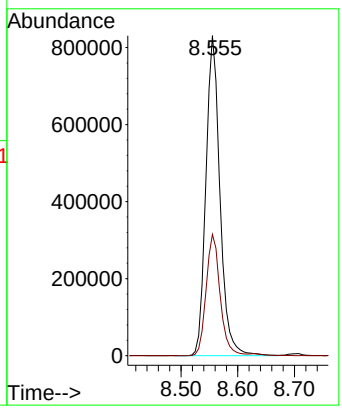


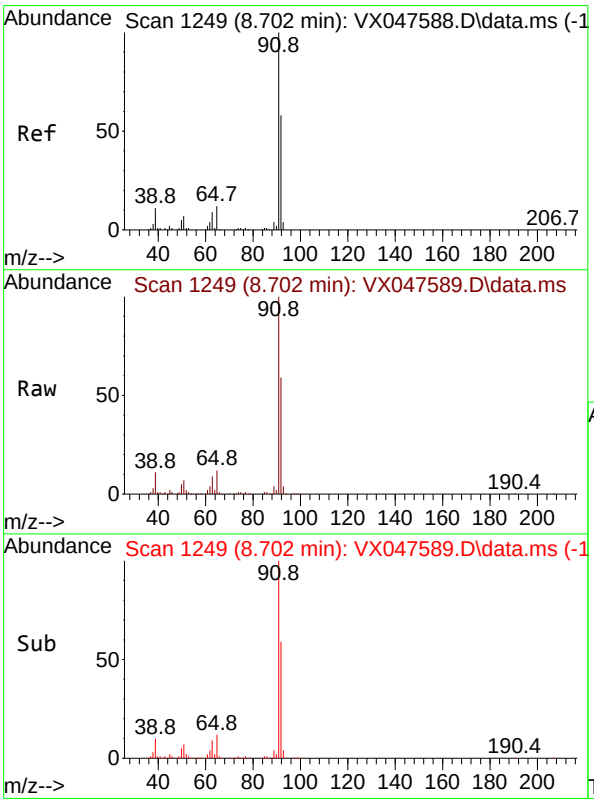
#51
4-Methyl-2-Pentanone
Concen: 501.834 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1431253

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5

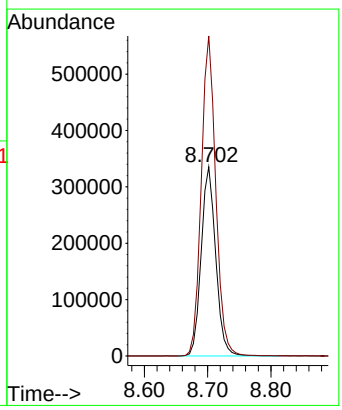


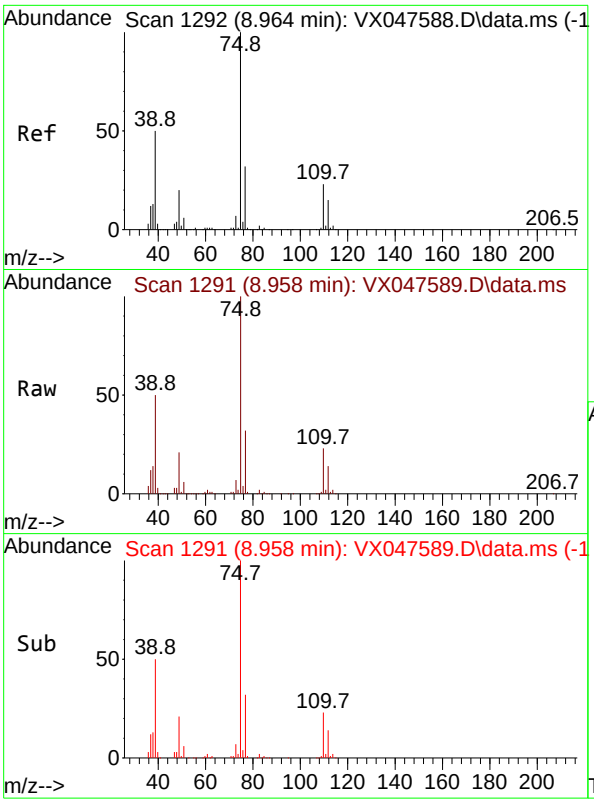


#52
Toluene
Concen: 97.811 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 92 Resp: 536148

Ion	Ratio	Lower	Upper
92	100		
91	169.3	137.1	205.7



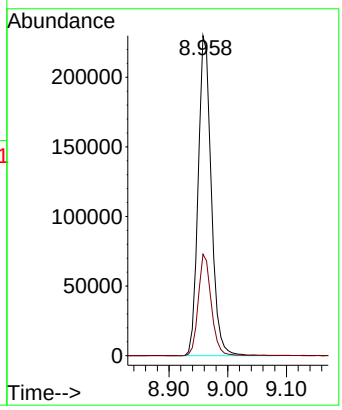


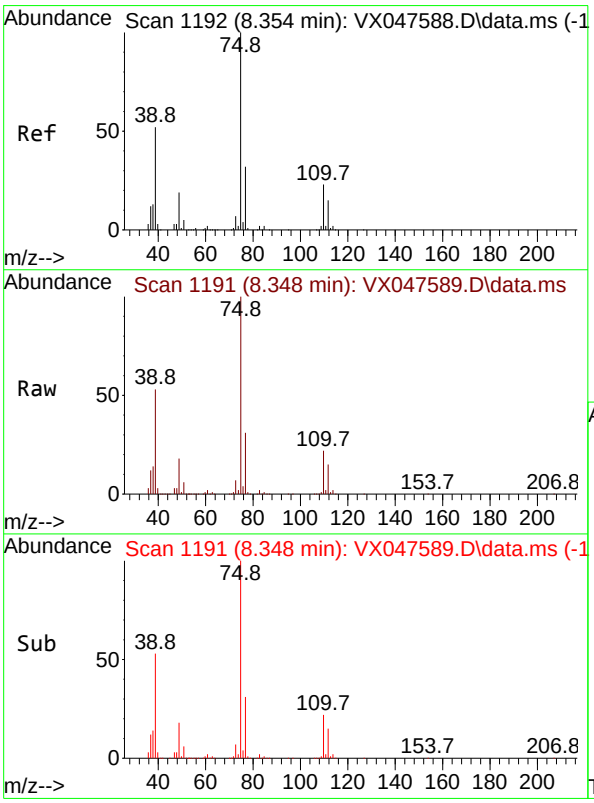
#53
t-1,3-Dichloropropene
Concen: 101.986 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 355881

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

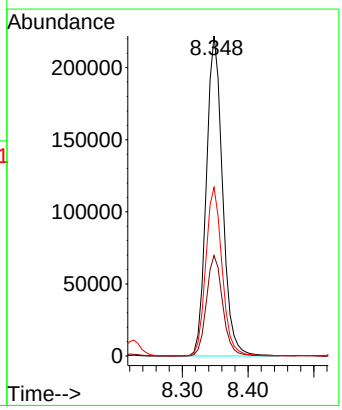


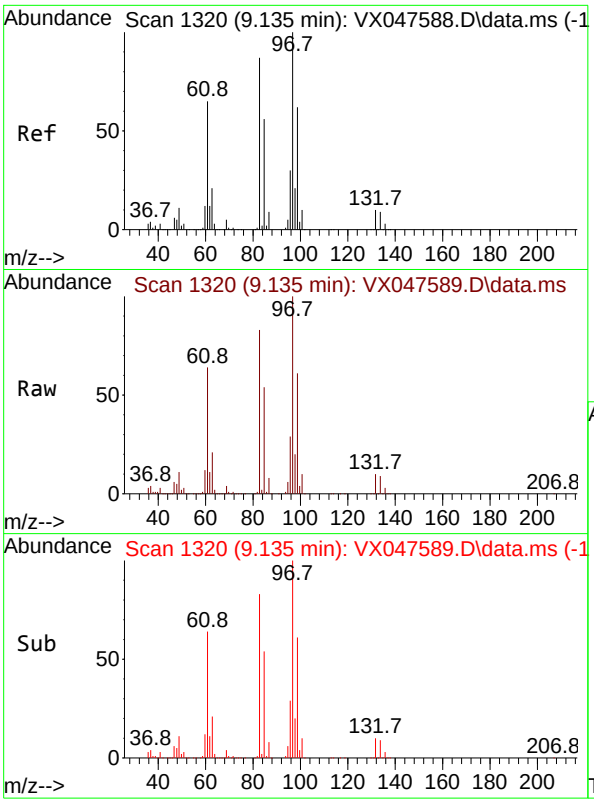


#54
cis-1,3-Dichloropropene
Concen: 102.038 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



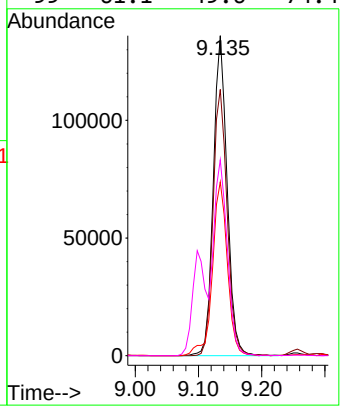


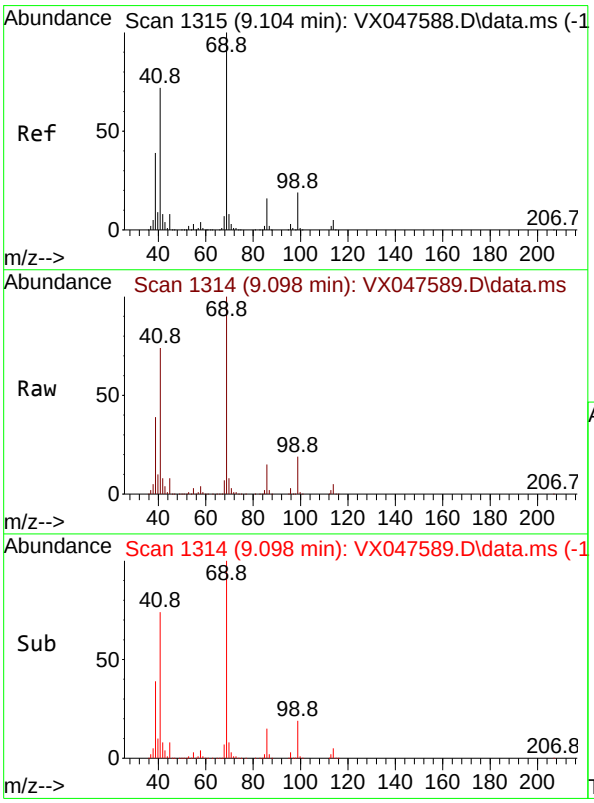
#55
1,1,2-Trichloroethane
Concen: 97.434 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 97 Resp: 205939

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

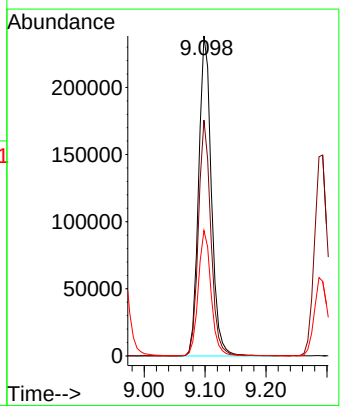


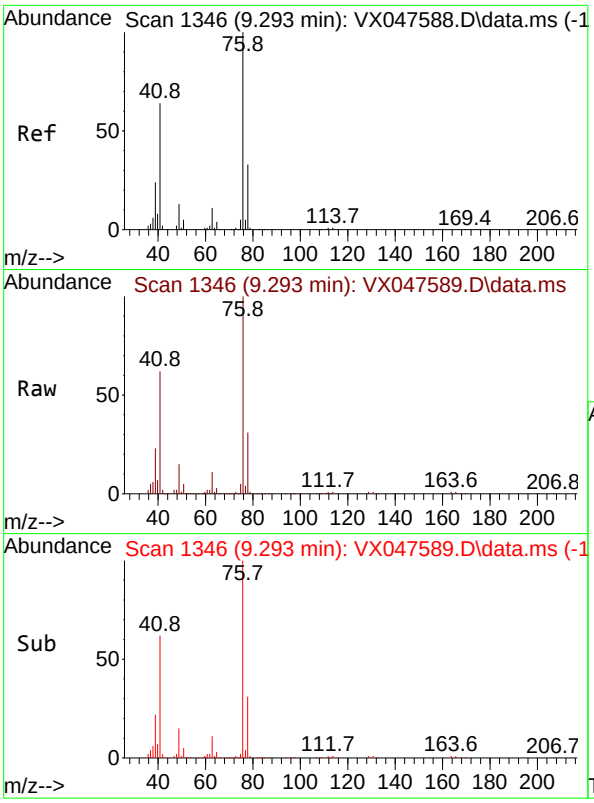


#56
Ethyl methacrylate
Concen: 104.435 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



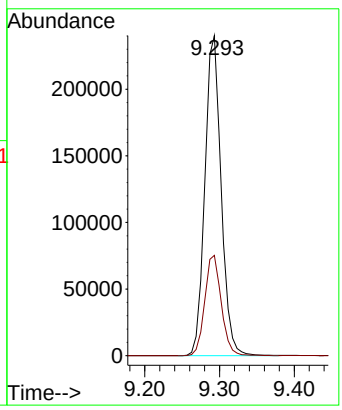


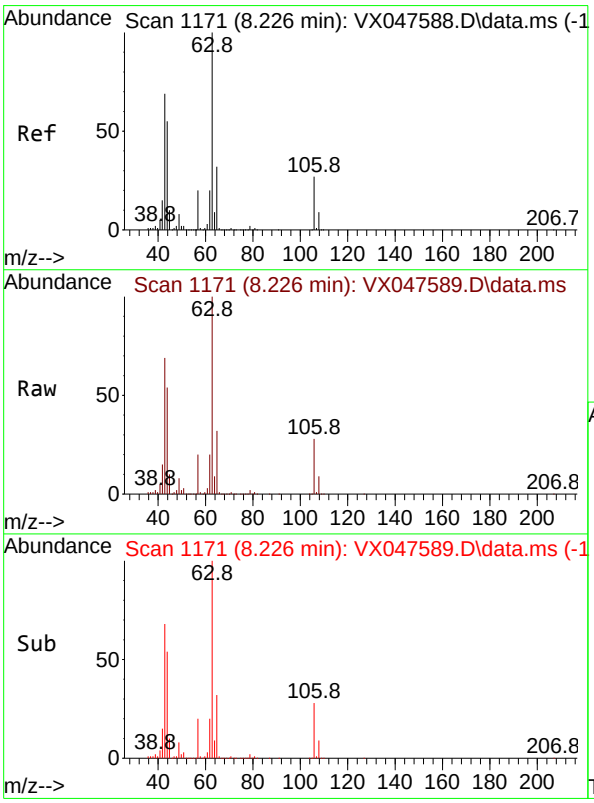
#57
1,3-Dichloropropane
Concen: 99.935 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 362848

Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.4

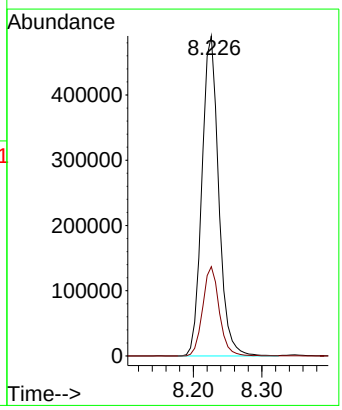


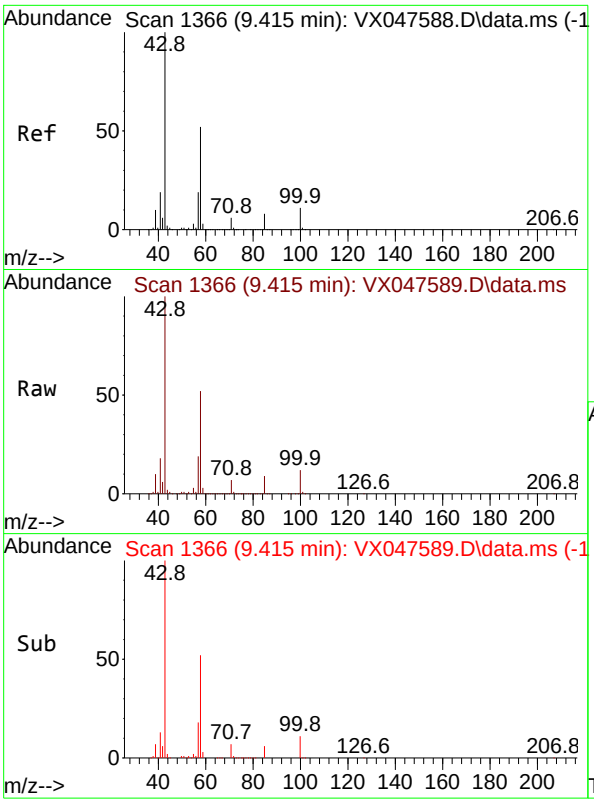


#58
2-Chloroethyl Vinyl ether
Concen: 499.814 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 63 Resp: 836362

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9



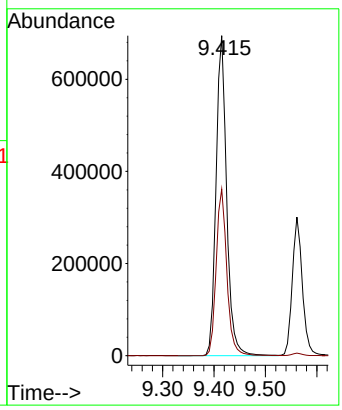


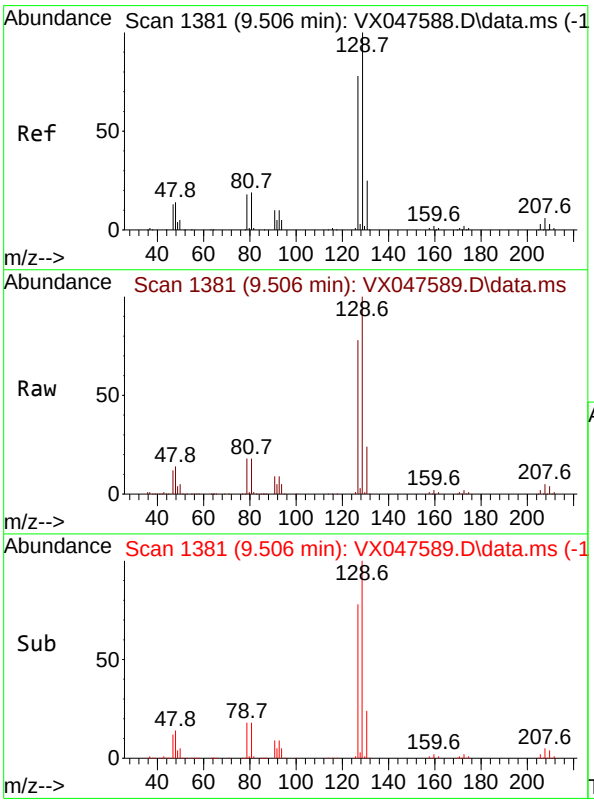
#59
2-Hexanone
Concen: 486.380 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 996274

Ion	Ratio	Lower	Upper
43	100		
58	52.4	26.1	78.2

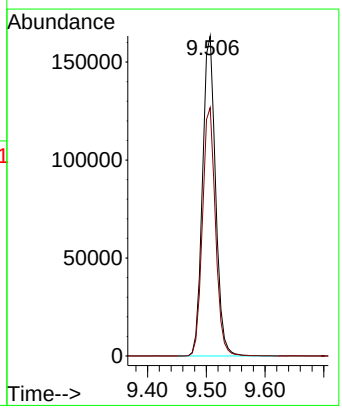


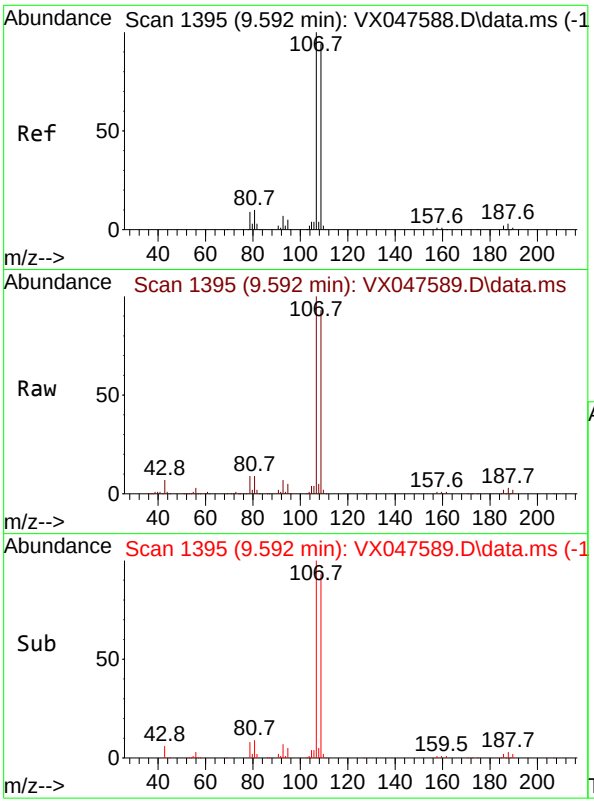


#60
Dibromochloromethane
Concen: 103.226 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:129 Resp: 251394

Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.4	115.2



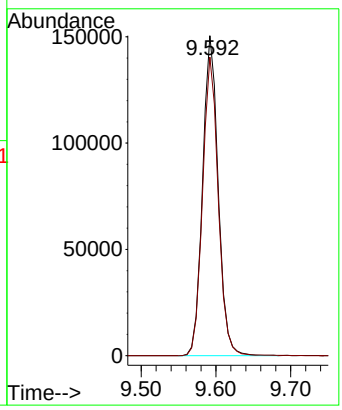


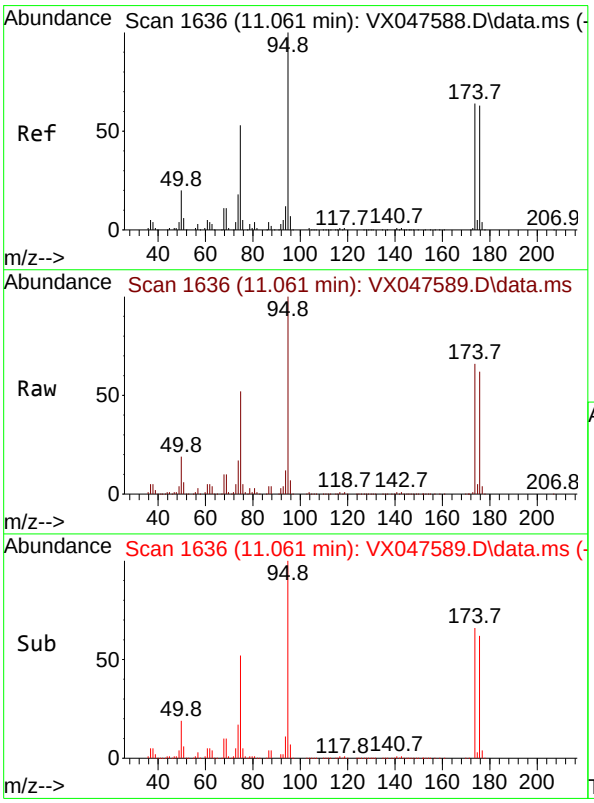
#61
1,2-Dibromoethane
Concen: 101.147 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 217751

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.3	112.9

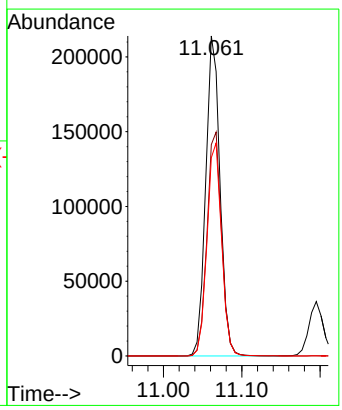


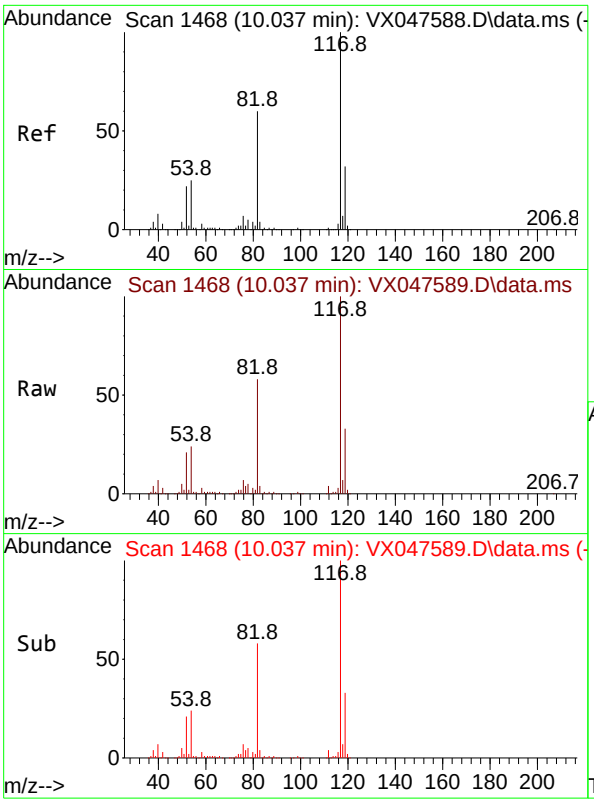


#62
4-Bromofluorobenzene
Concen: 102.672 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



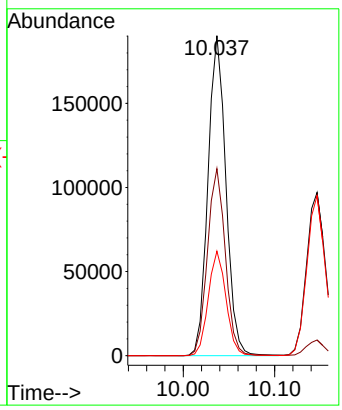


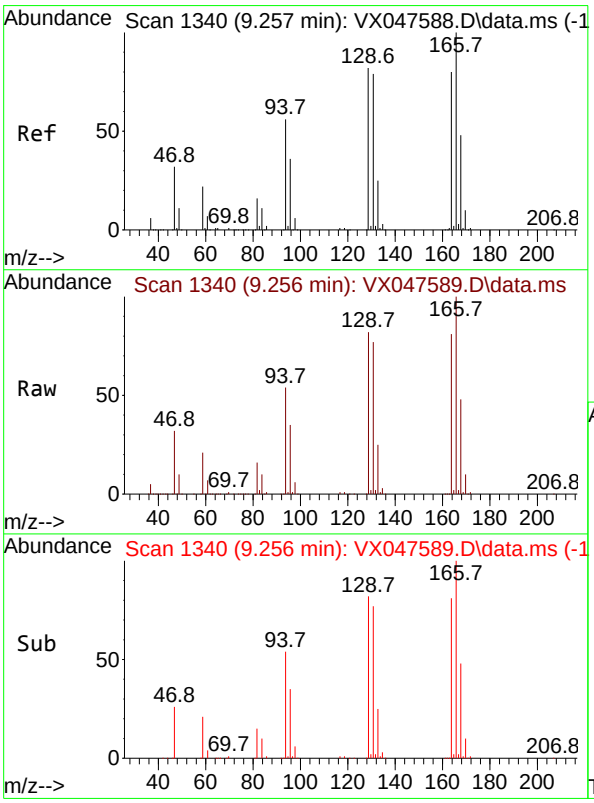
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 258399

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	32.7	25.2	37.8

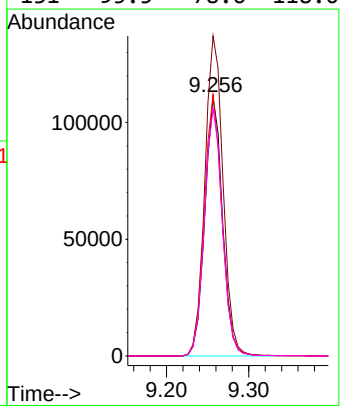


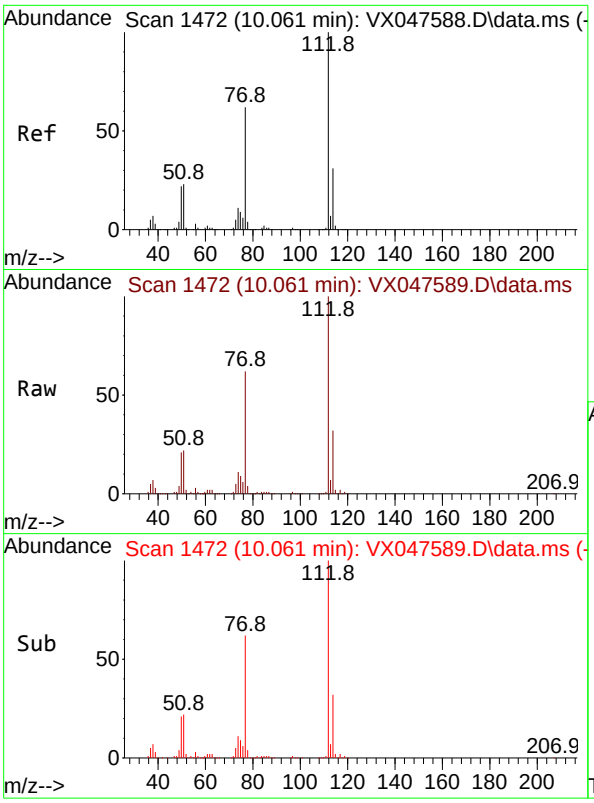


#64
Tetrachloroethene
Concen: 98.284 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



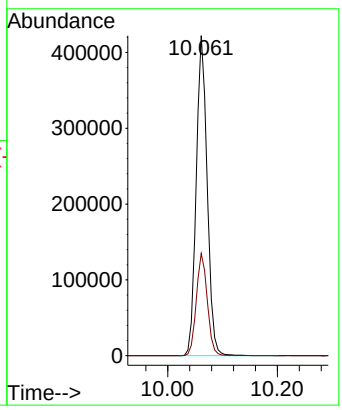


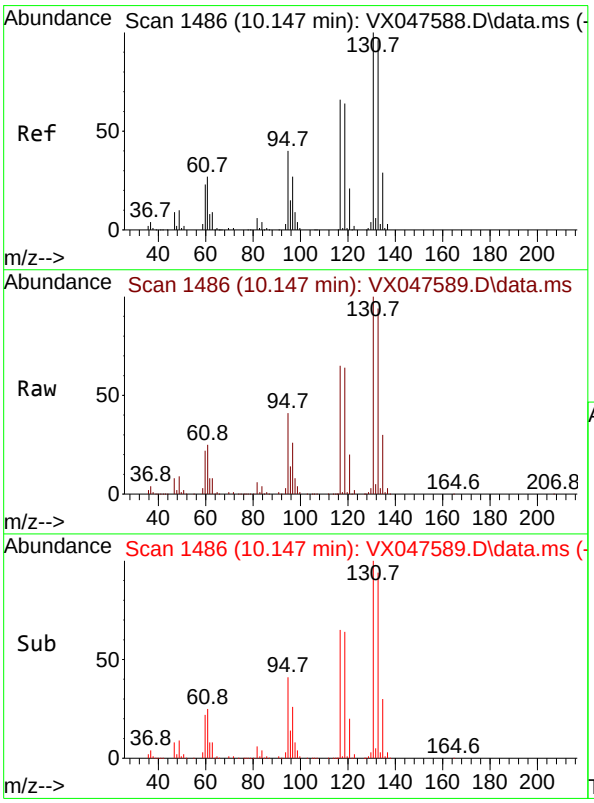
#65
Chlorobenzene
Concen: 100.253 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:112 Resp: 588517

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7

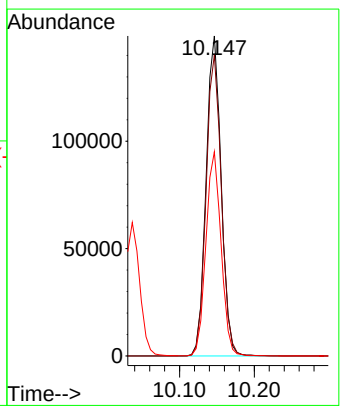


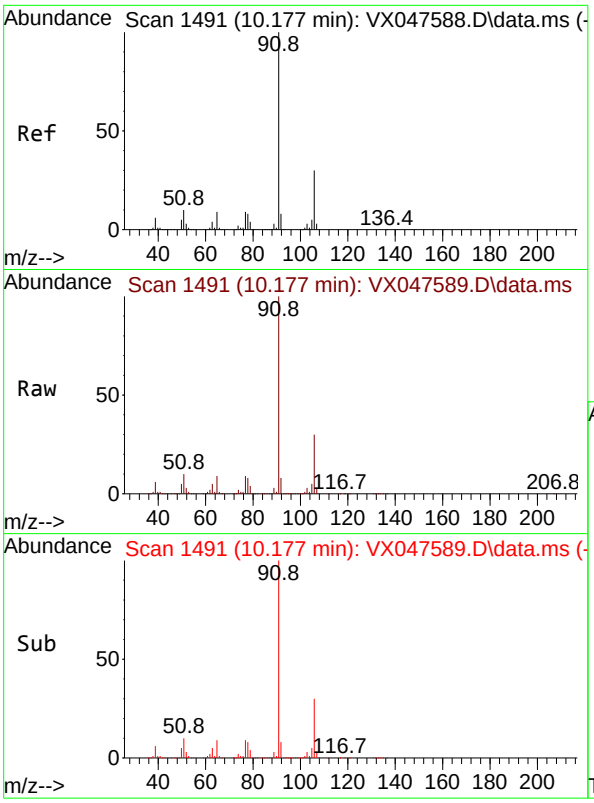


#66
1,1,1,2-Tetrachloroethane
Concen: 102.988 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



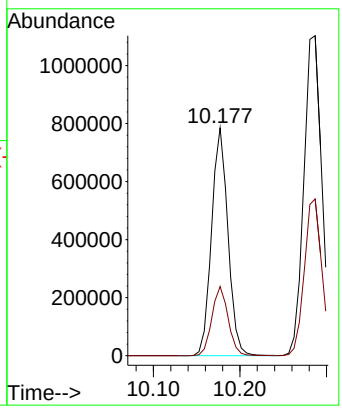


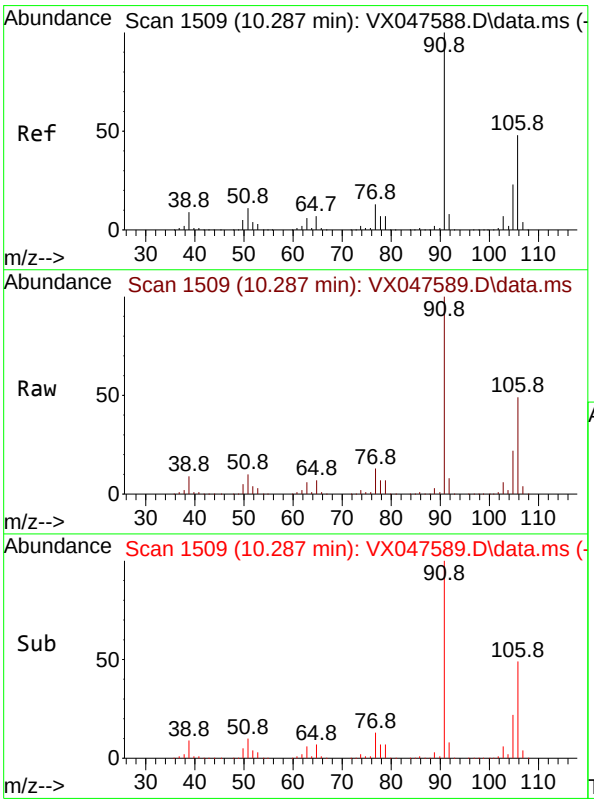
#67
Ethyl Benzene
Concen: 101.823 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1031346

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

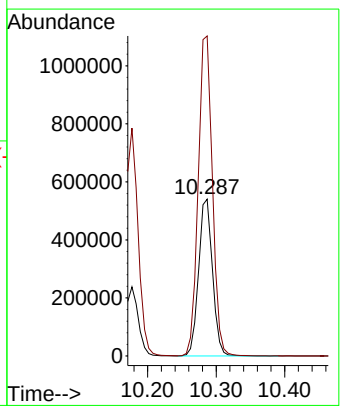


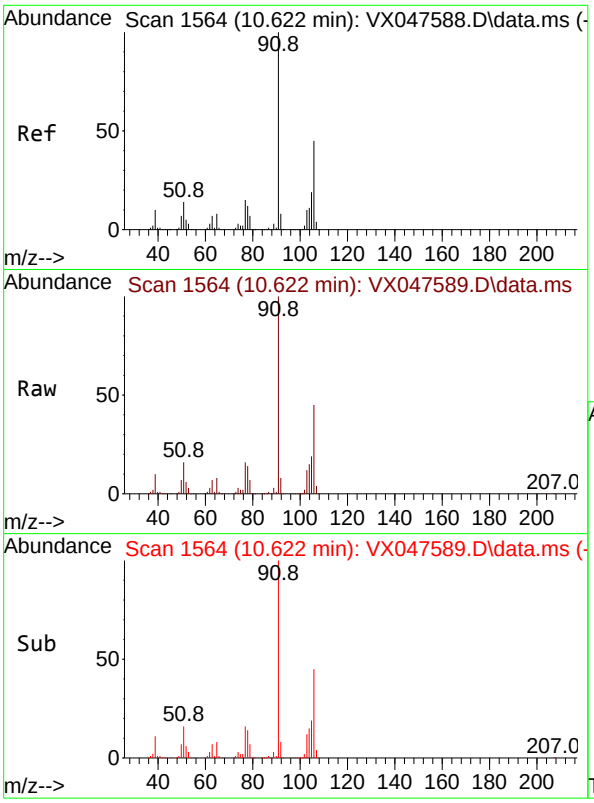


#68
m/p-Xylenes
Concen: 202.624 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:106 Resp: 763898

Ion	Ratio	Lower	Upper
106	100		
91	208.5	167.8	251.8



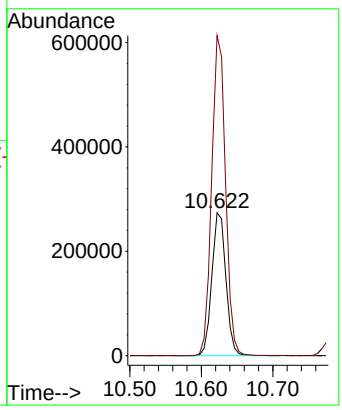


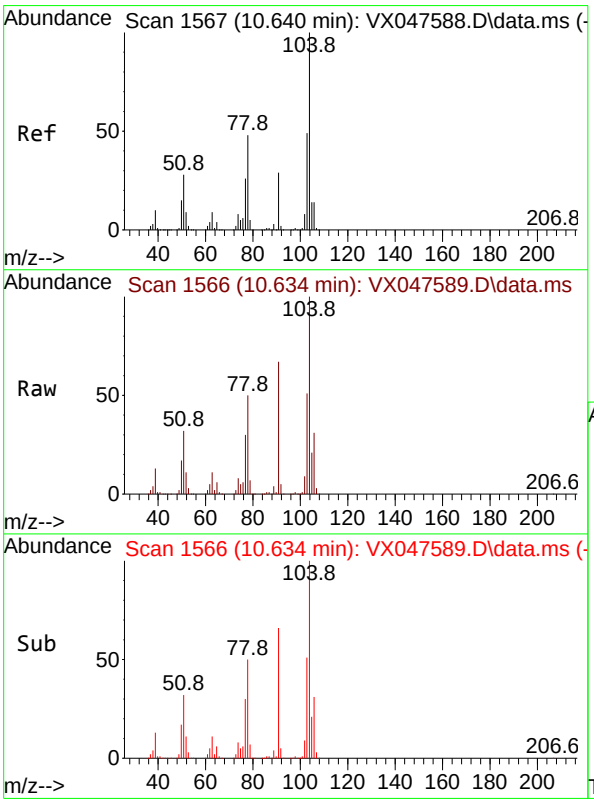
#69
o-Xylene
Concen: 102.186 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 372621

Ion	Ratio	Lower	Upper
106	100		
91	221.3	111.1	333.4

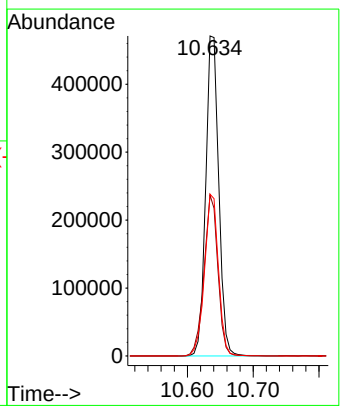


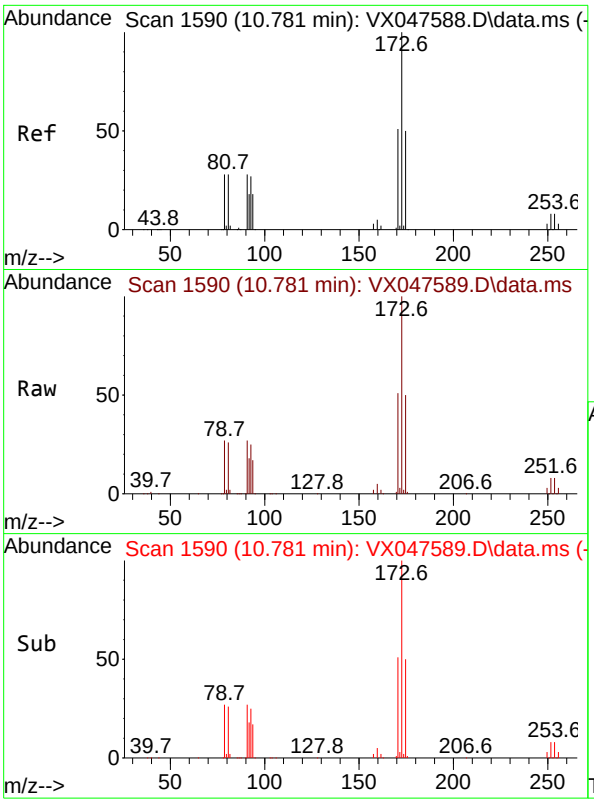


#70
Styrene
Concen: 101.710 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



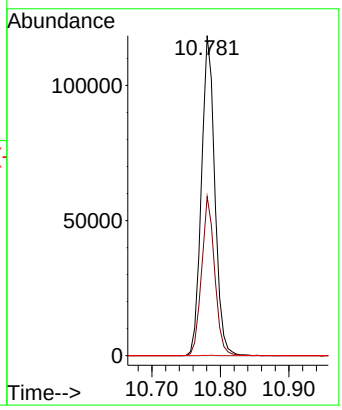


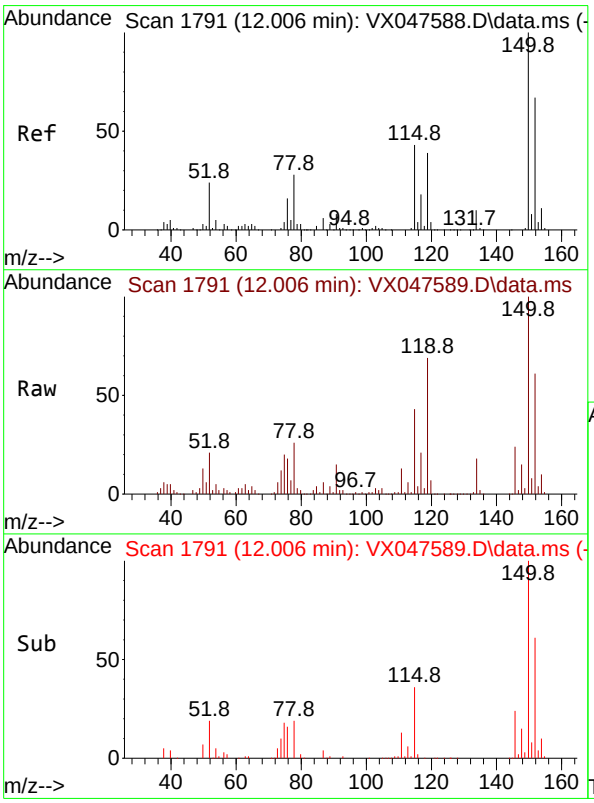
#71
Bromoform
Concen: 106.566 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:173 Resp: 161188

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.1	0.1	0.1

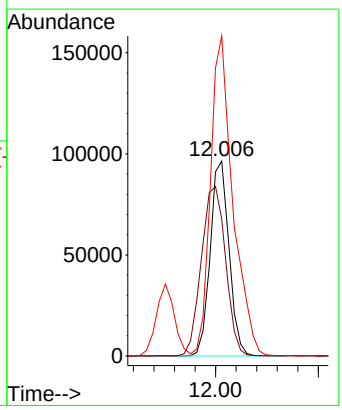


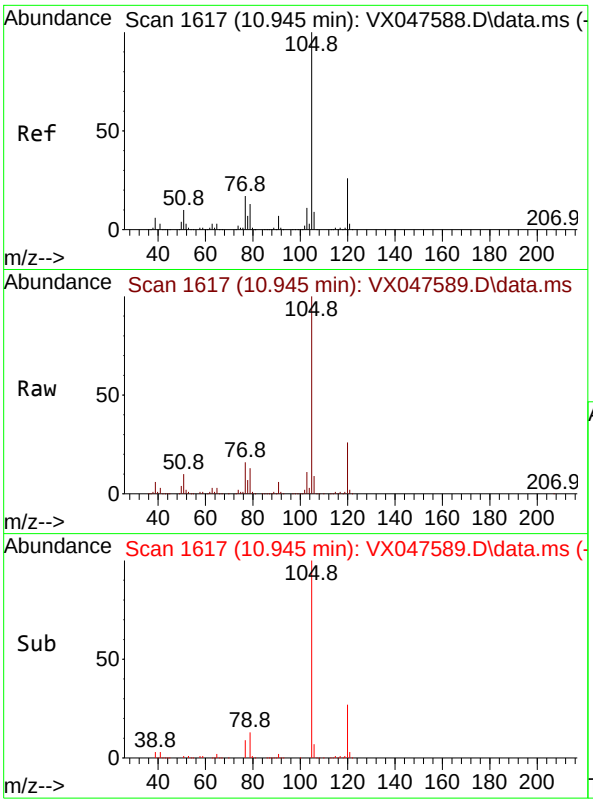


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



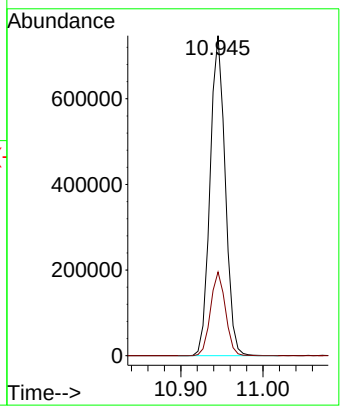


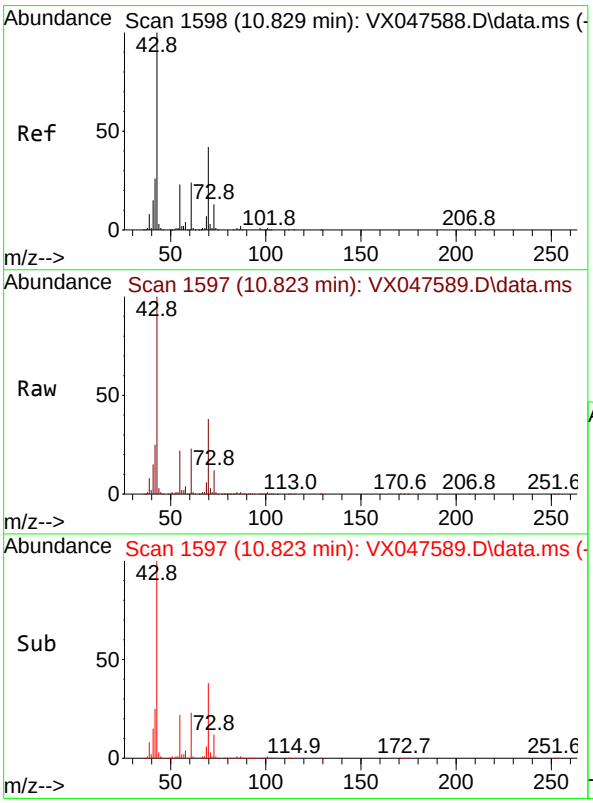
#73
Isopropylbenzene
Concen: 102.768 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 954900

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4

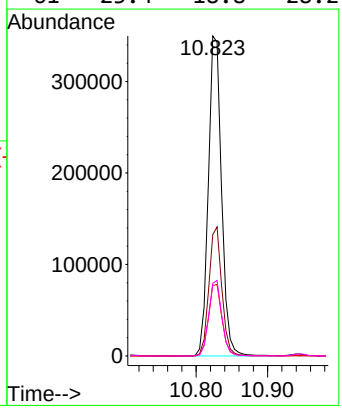


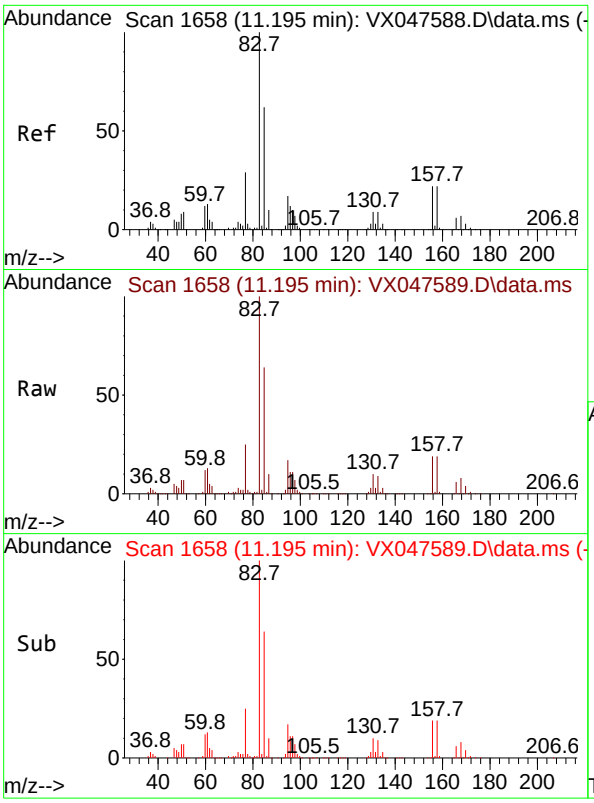


#74
N-amyl acetate
Concen: 105.812 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



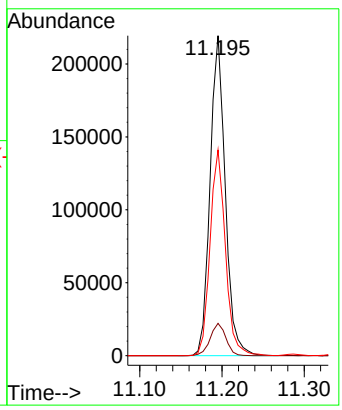


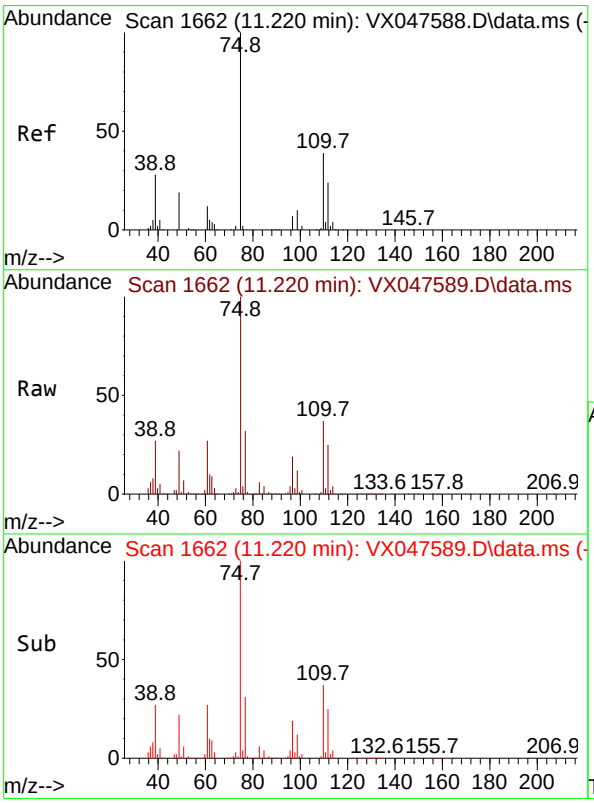
#75
1,1,2,2-Tetrachloroethane
Concen: 100.172 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 281608

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	65.1	31.6	95.0

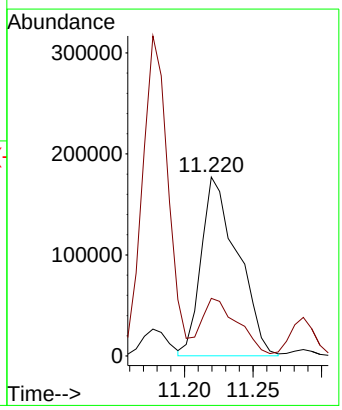


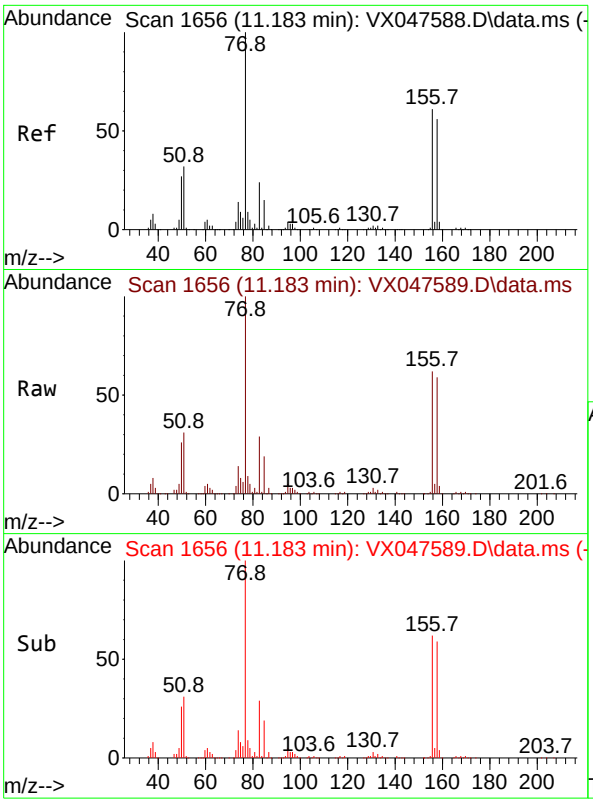


#76
1,2,3-Trichloropropane
Concen: 132.545 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 75 Resp: 327988

Ion	Ratio	Lower	Upper
75	100		
77	30.7	18.8	56.4



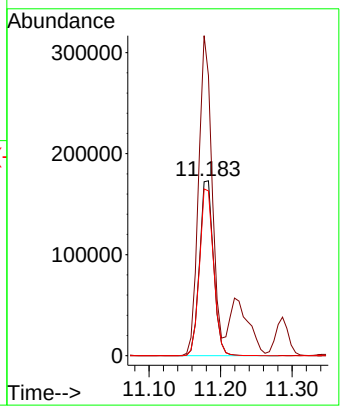


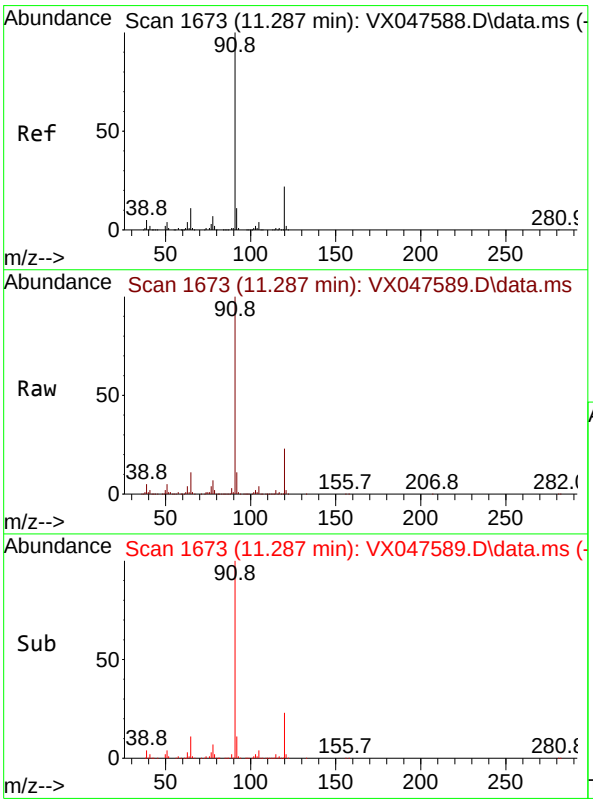
#77
Bromobenzene
Concen: 102.541 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 234666

Ion	Ratio	Lower	Upper
156	100		
77	176.0	89.7	269.1
158	96.5	47.9	143.6

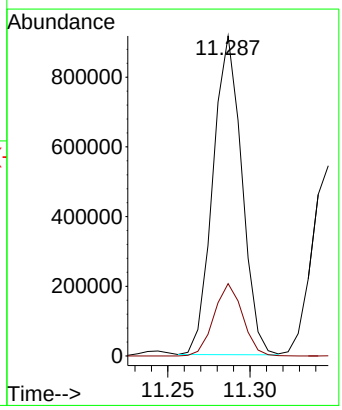


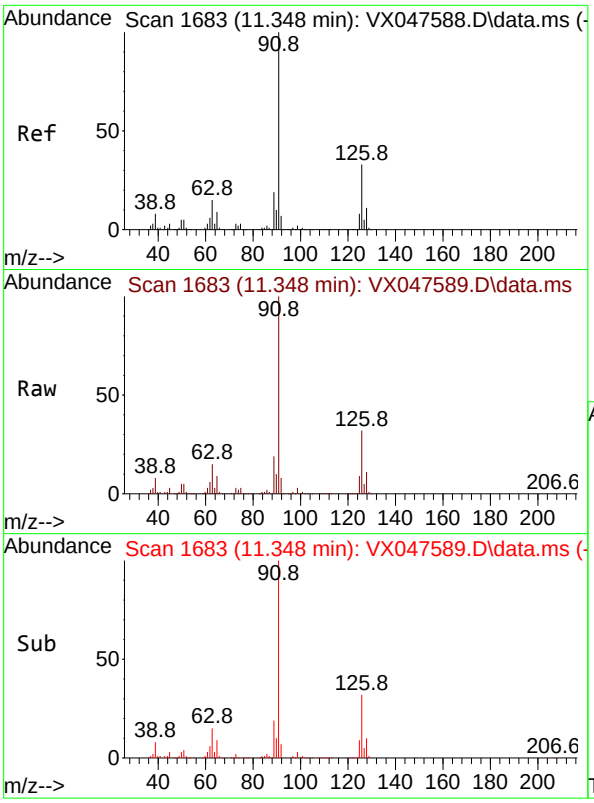


#78
n-propylbenzene
Concen: 101.941 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 1119728

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



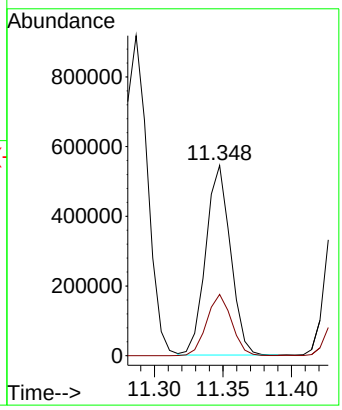


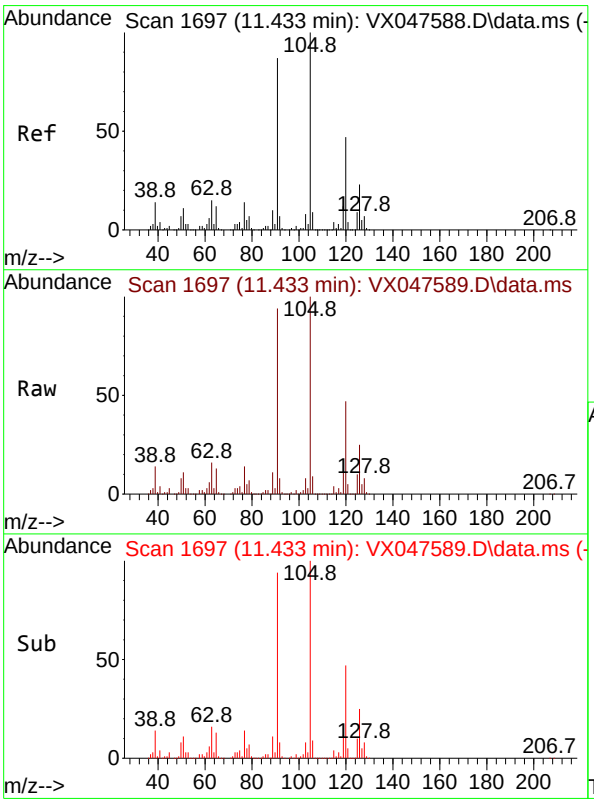
#79
2-Chlorotoluene
Concen: 101.652 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 683867

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

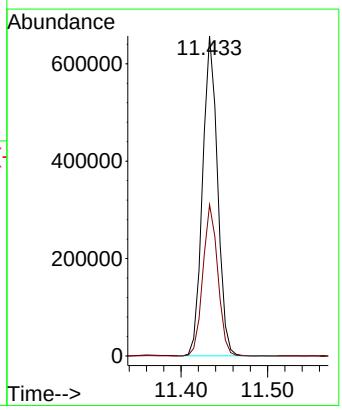


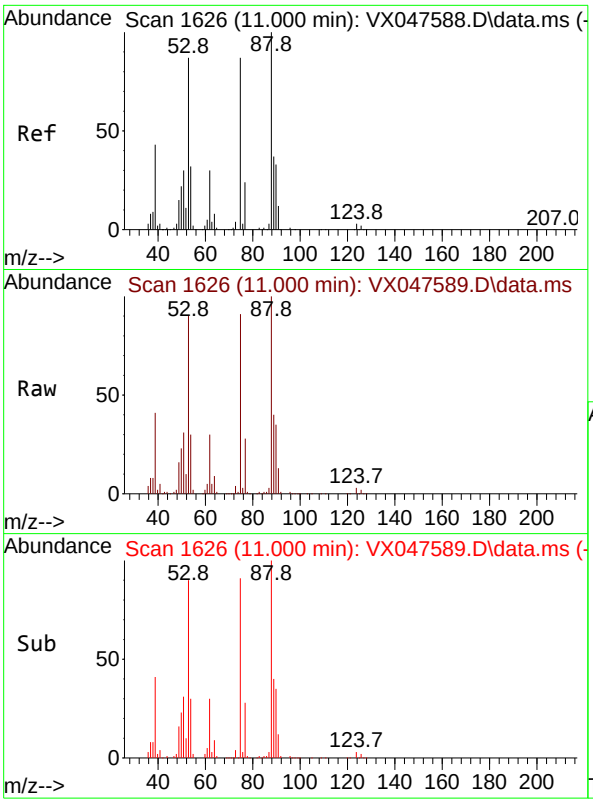


#80
1,3,5-Trimethylbenzene
Concen: 103.134 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 787327

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.6	70.8



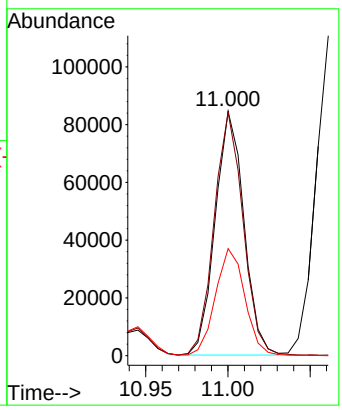


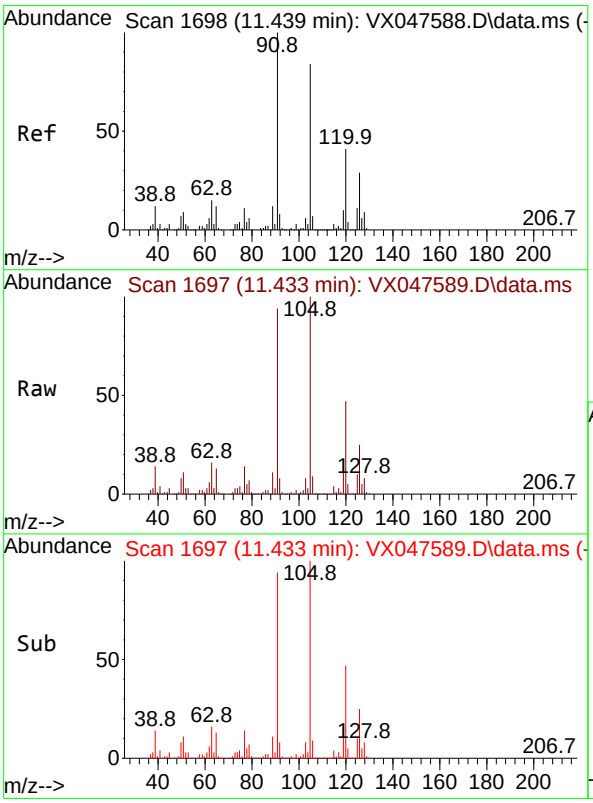
#81
trans-1,4-Dichloro-2-butene
Concen: 105.689 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 102555

Ion	Ratio	Lower	Upper
75	100		
53	101.1	83.4	125.2
89	45.3	36.3	54.5

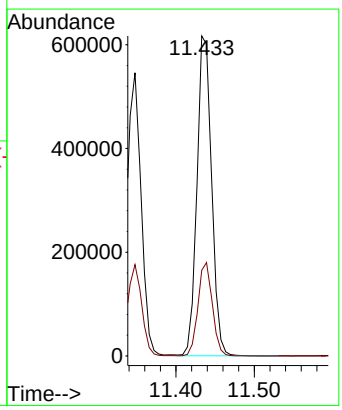


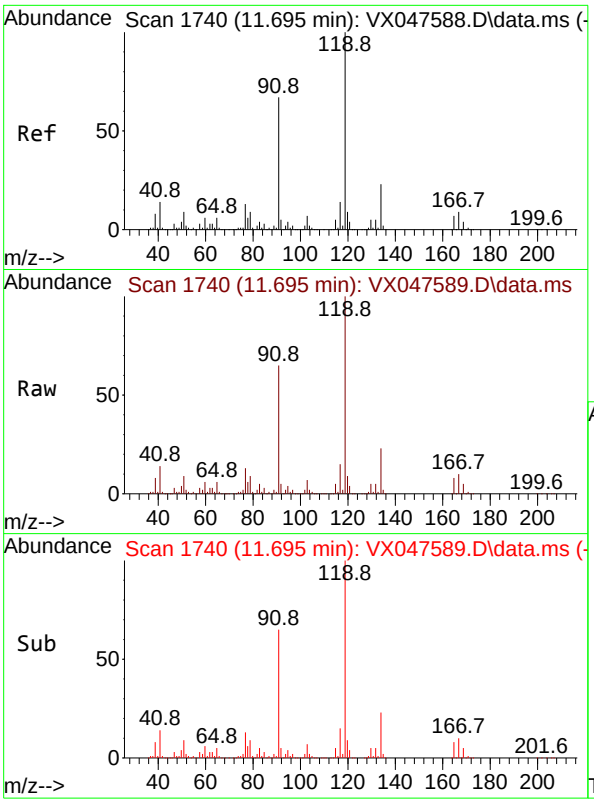


#82
4-Chlorotoluene
Concen: 101.054 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion: 91 Resp: 802929

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6



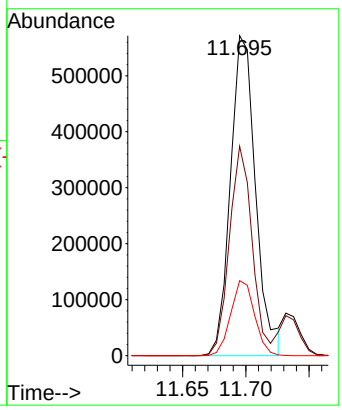


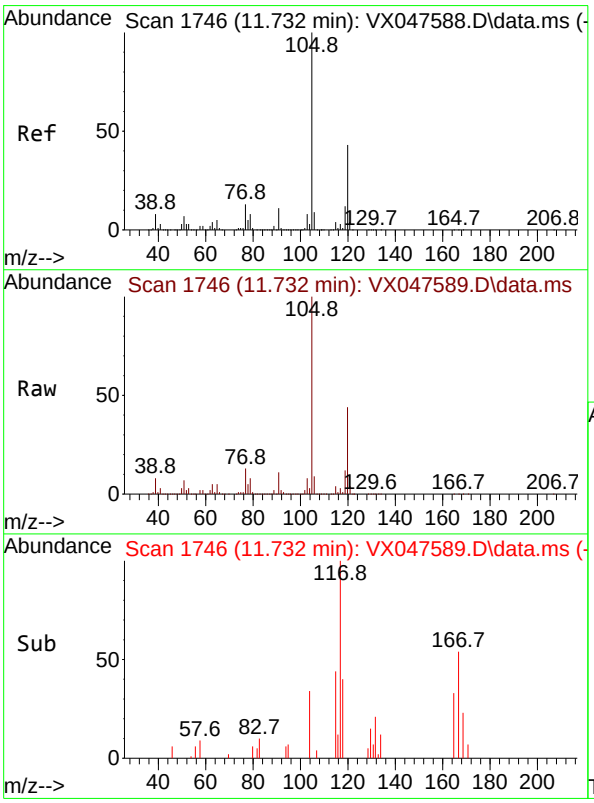
#83
tert-Butylbenzene
Concen: 101.333 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 791896

Ion	Ratio	Lower	Upper
119	100		
91	59.3	29.6	88.8
134	22.3	11.0	33.0

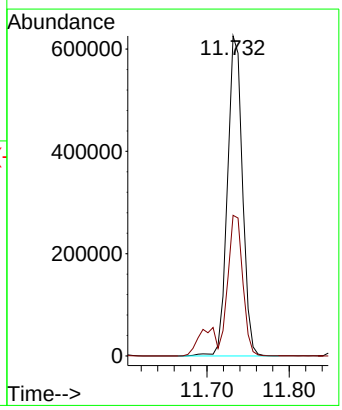


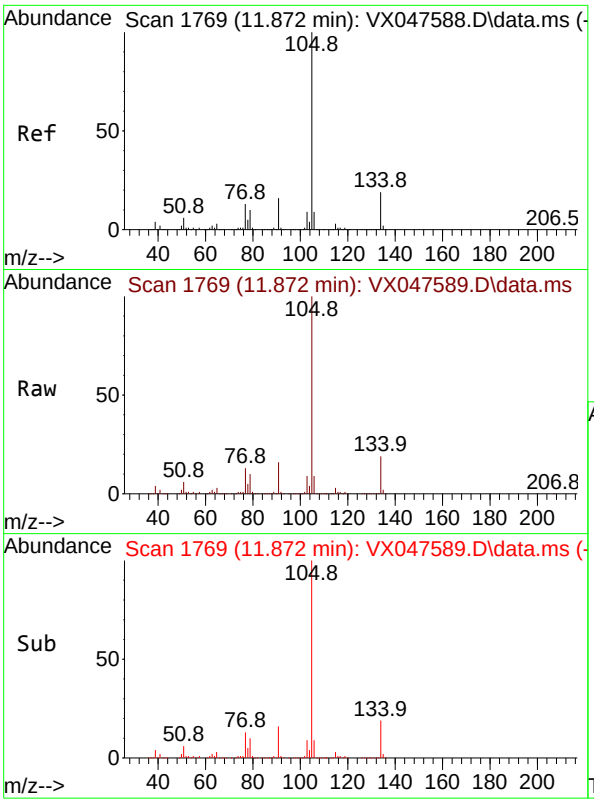


#84
1,2,4-Trimethylbenzene
Concen: 102.144 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:105 Resp: 790557

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.1



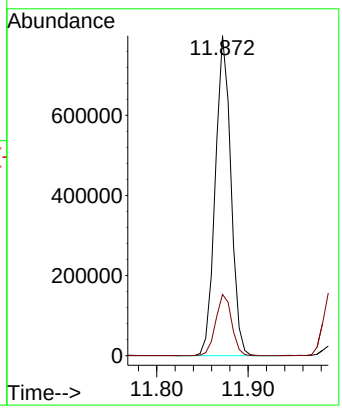


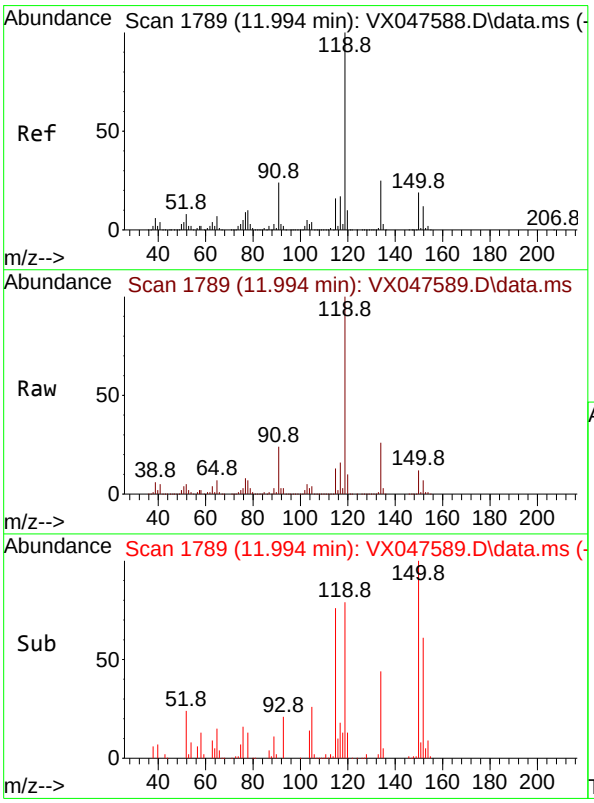
#85
sec-Butylbenzene
Concen: 101.840 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 945321

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

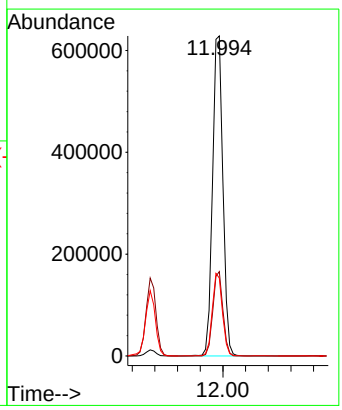


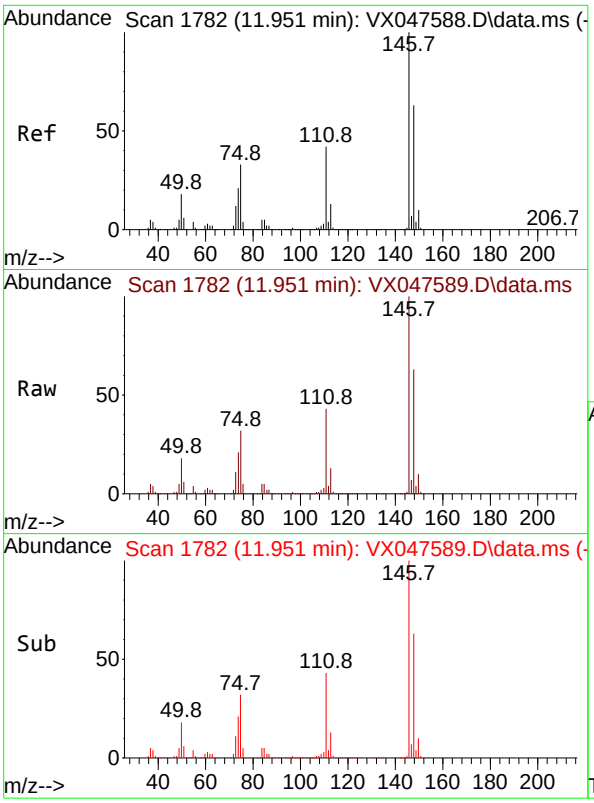


#86
p-Isopropyltoluene
Concen: 101.501 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



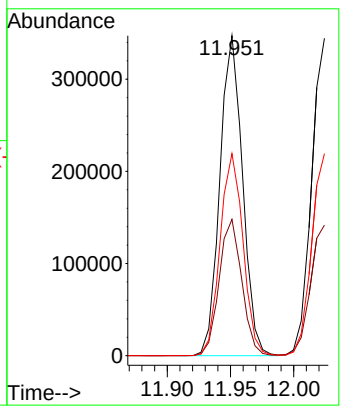


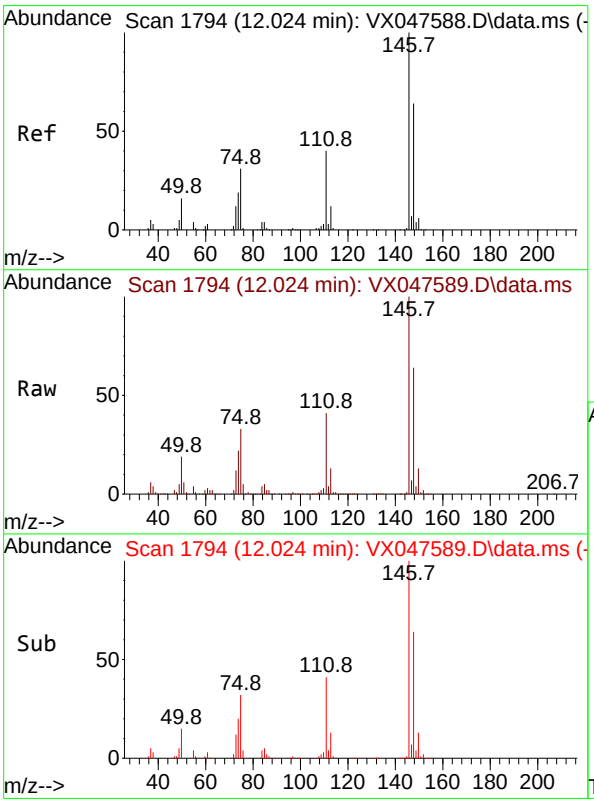
#87
1,3-Dichlorobenzene
Concen: 101.689 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 432248

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	63.9	32.0	96.0

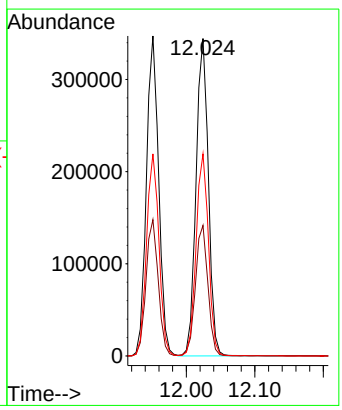


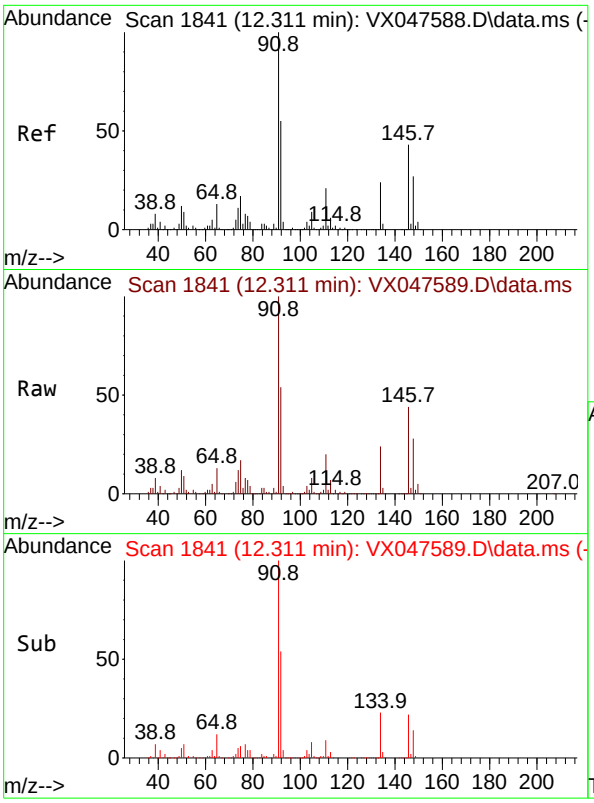


#88
1,4-Dichlorobenzene
Concen: 98.985 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



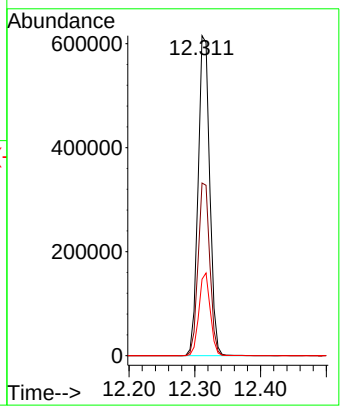


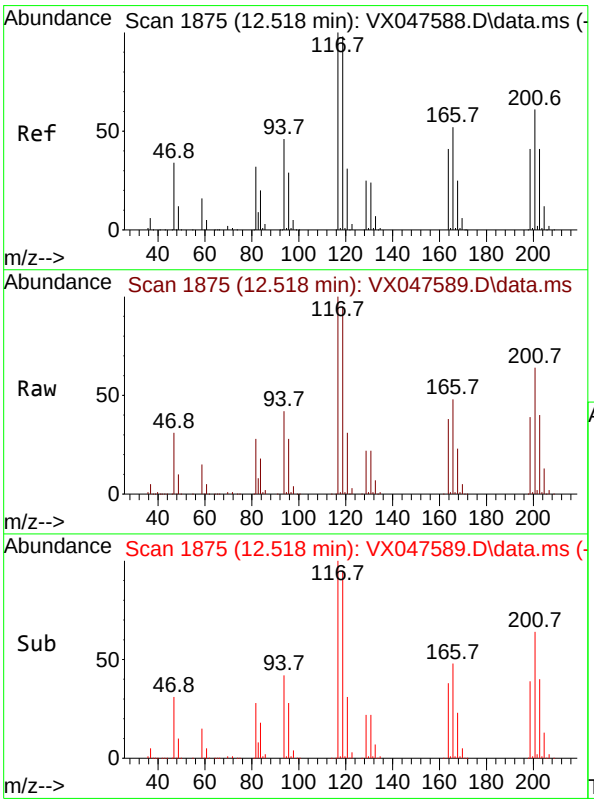
#89
n-Butylbenzene
Concen: 104.138 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 757239

Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	25.1	12.6	37.8

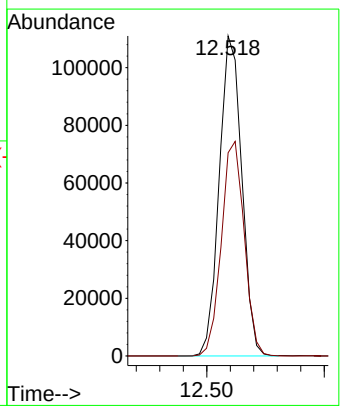


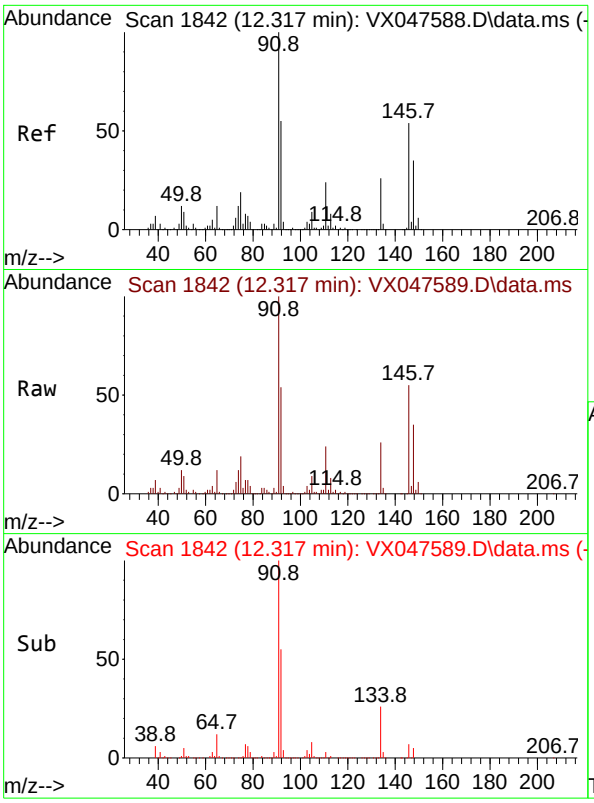


#90
Hexachloroethane
Concen: 107.304 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Tgt Ion:117 Resp: 148048

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.2	102.5



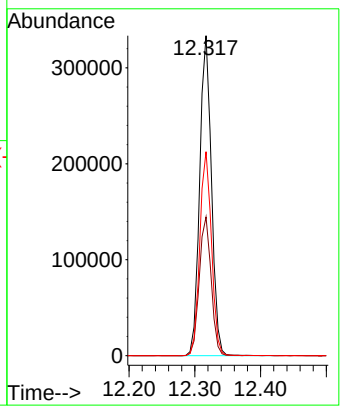


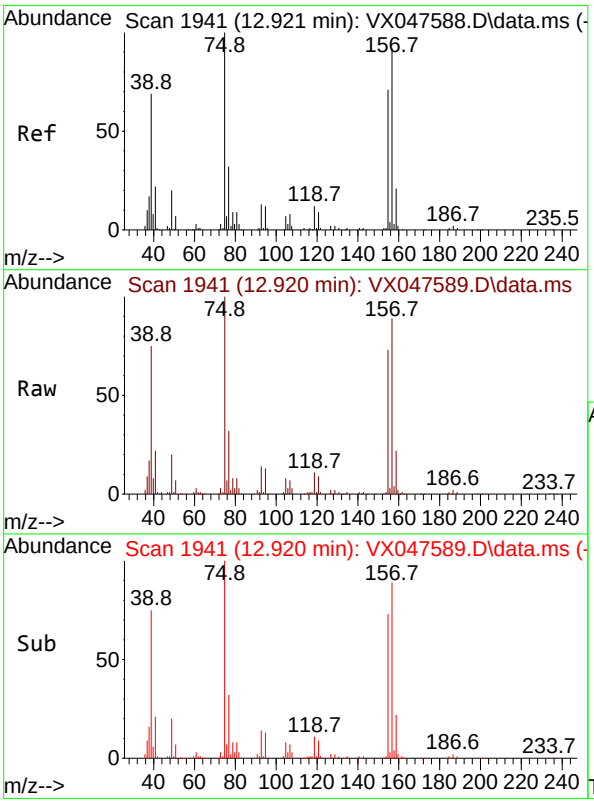
#91
1,2-Dichlorobenzene
Concen: 102.352 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 414491

Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.4	31.8	95.4

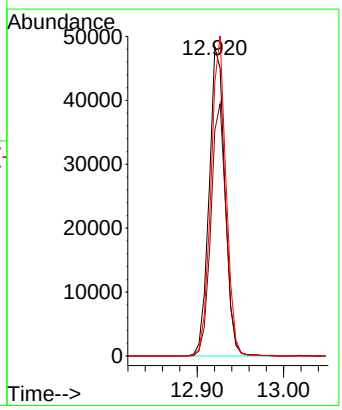


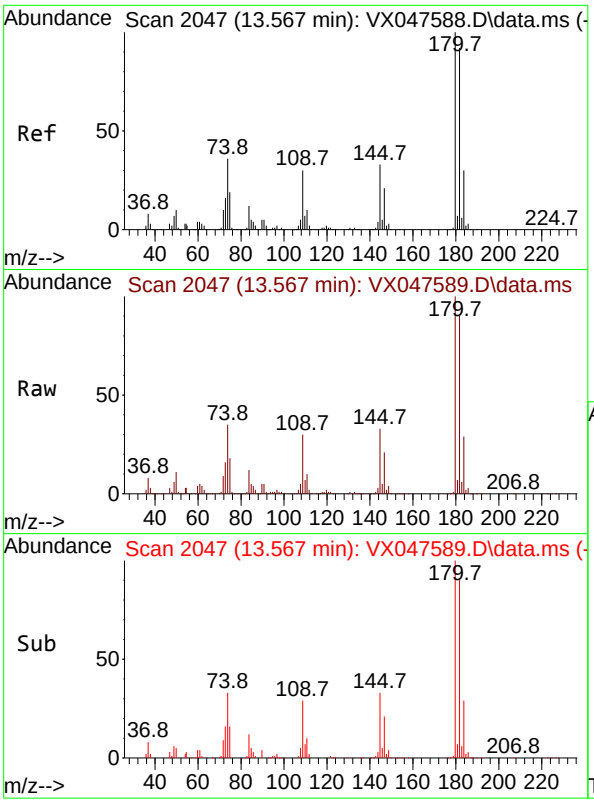


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.225 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



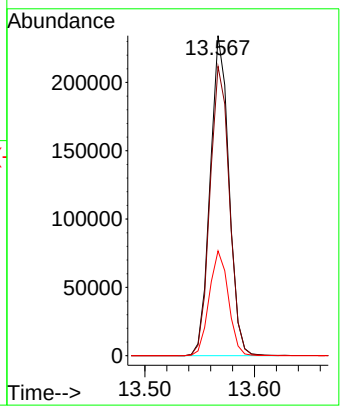


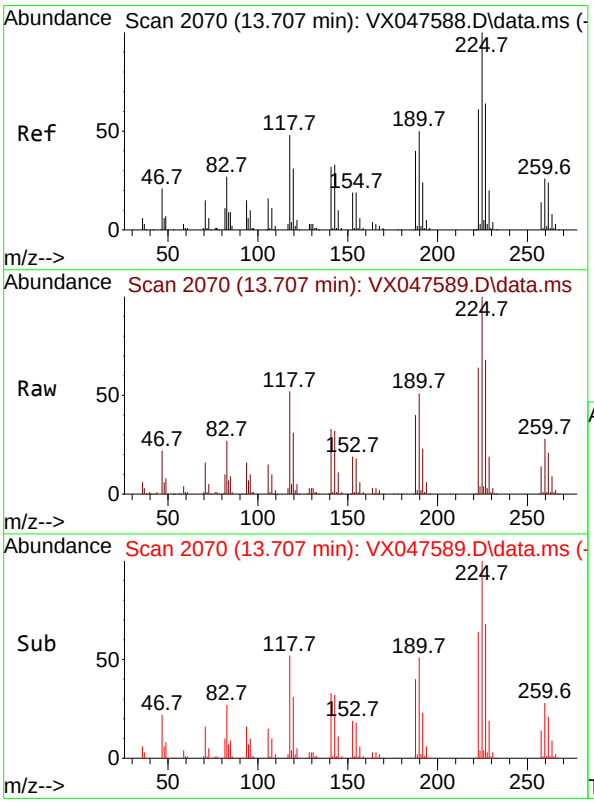
#93
1,2,4-Trichlorobenzene
Concen: 105.922 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 278777

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.6	139.8
145	33.3	16.4	49.1

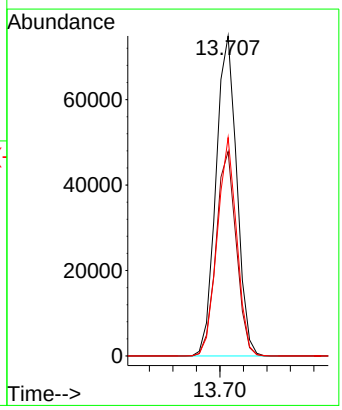


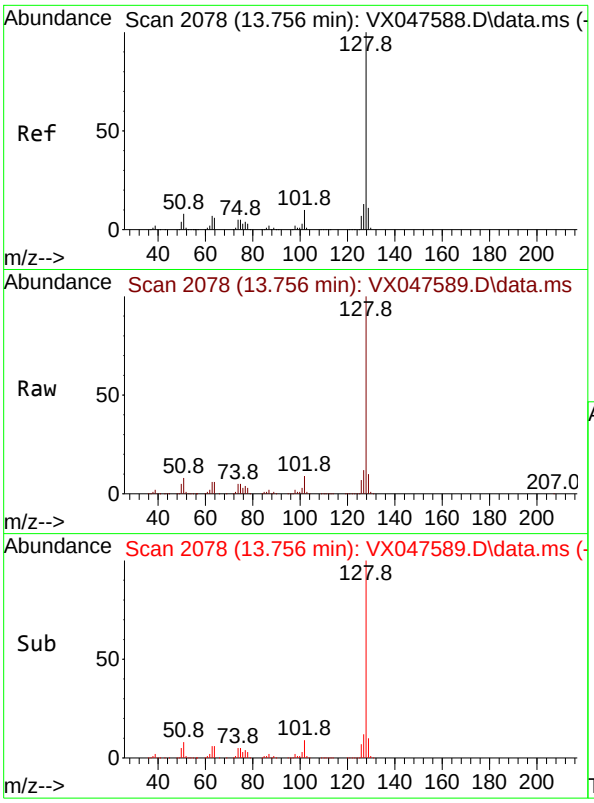


#94
Hexachlorobutadiene
Concen: 103.049 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



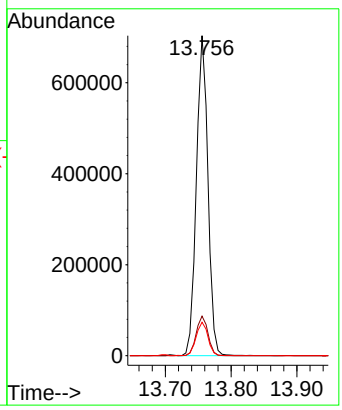


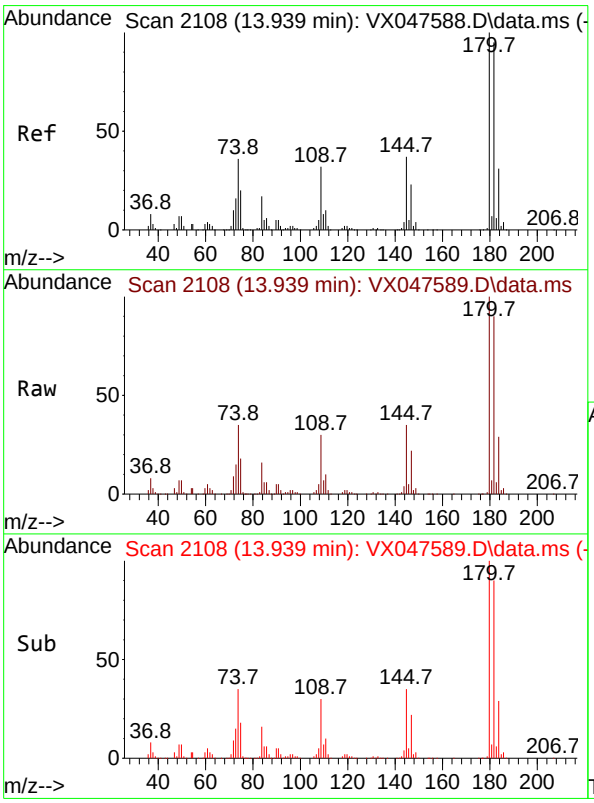
#95
Naphthalene
Concen: 106.620 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 854492

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2

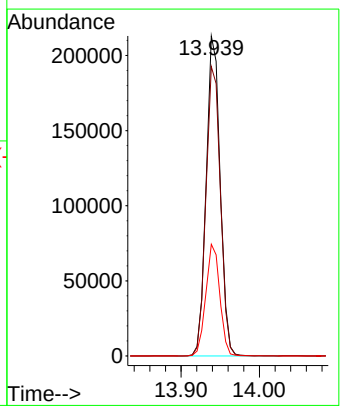




#96
1,2,3-Trichlorobenzene
Concen: 107.633 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047589.D
Acq: 16 Sep 2025 11:40

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



Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:52:32 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	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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Sep 22 01:52:32 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)
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	470623	202.576 ug/l	89
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

Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:52:32 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)

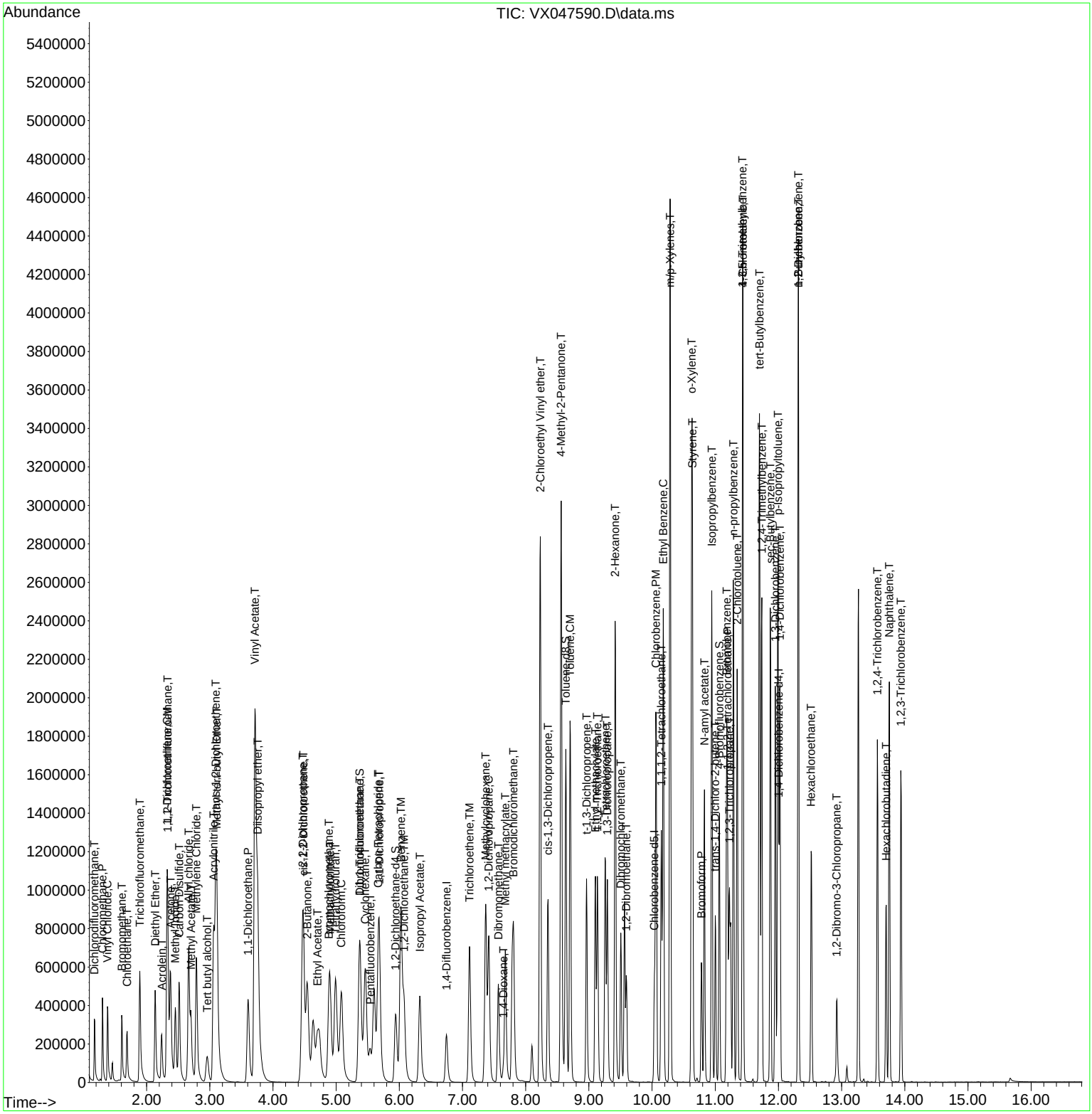
(#) = qualifier out of range (m) = manual integration (+) = signals summed

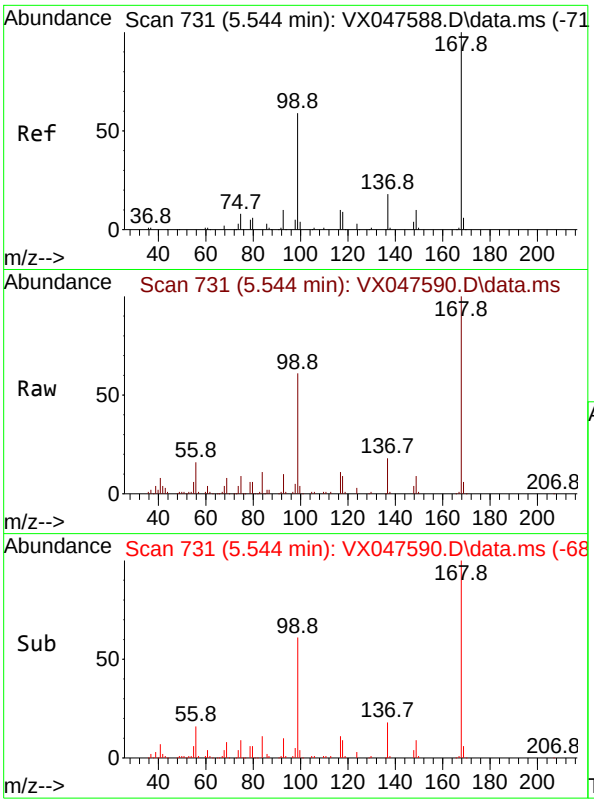
Quantitation Report (Not Reviewed)

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

Quant Time: Sep 22 01:52:32 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



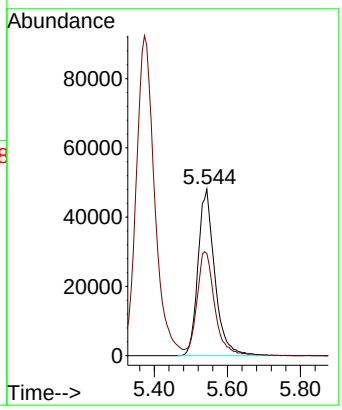


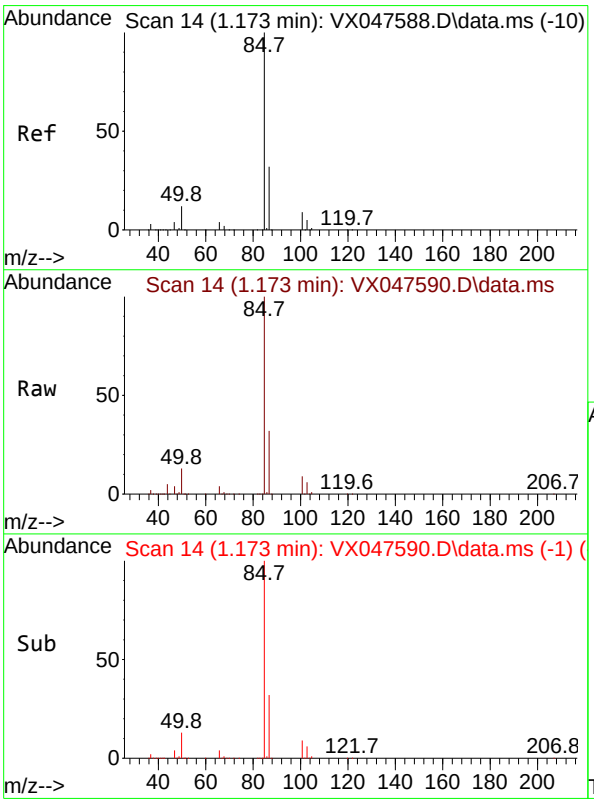
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 153177

Ion	Ratio	Lower	Upper
168	100		
99	61.1	48.8	73.2

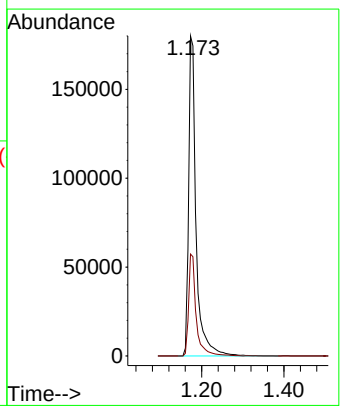


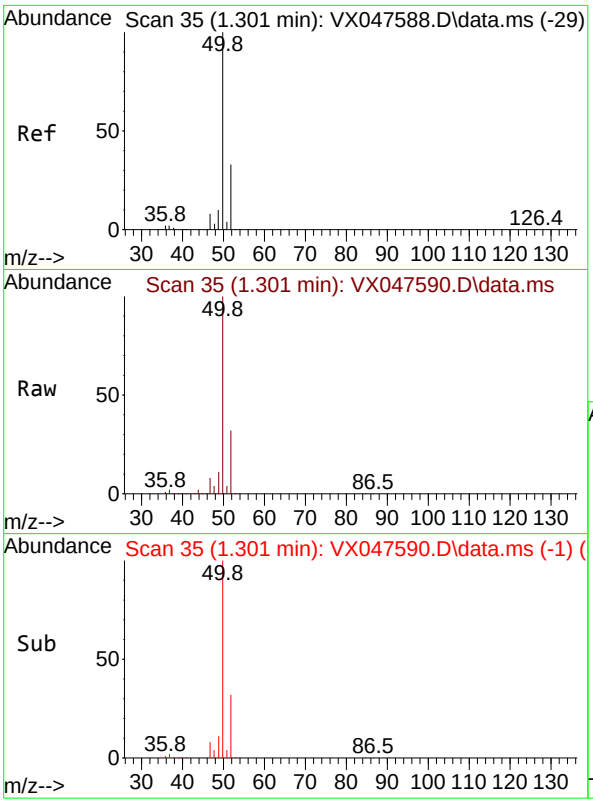


#2
Dichlorodifluoromethane
Concen: 142.586 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 85 Resp: 226166

Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.8	47.3



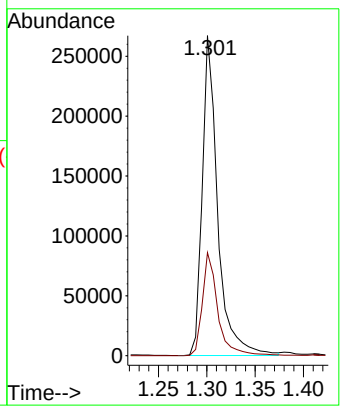


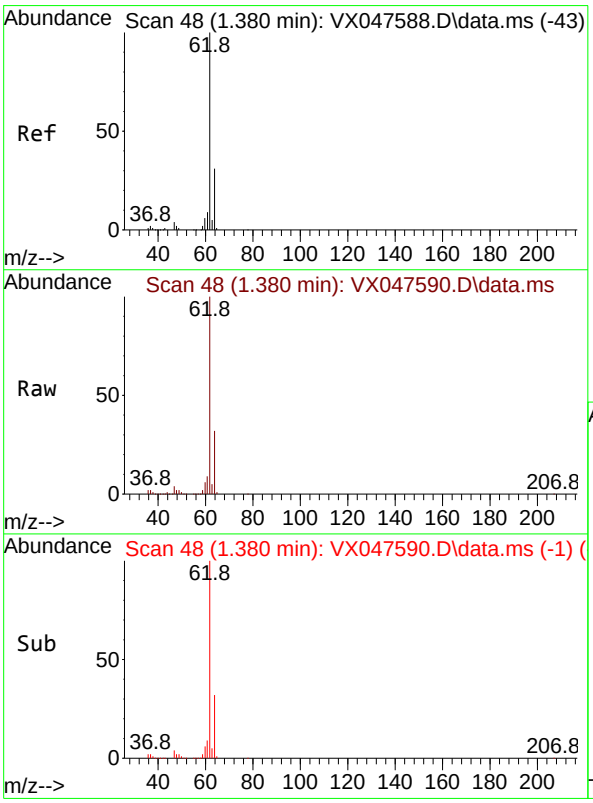
#3
Chloromethane
Concen: 142.593 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 297259

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1

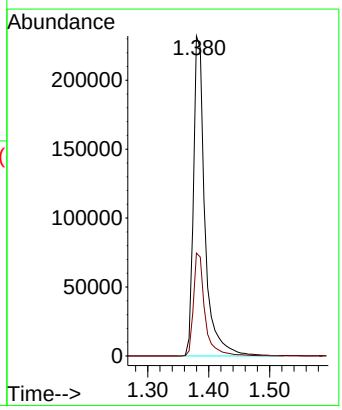


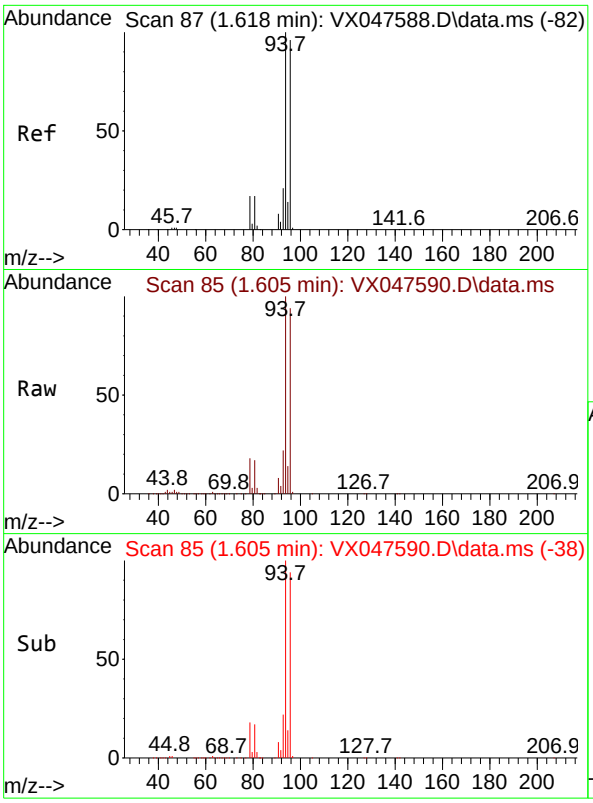


#4
Vinyl Chloride
Concen: 148.140 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 302303

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3



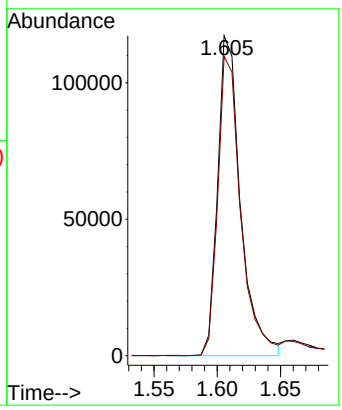


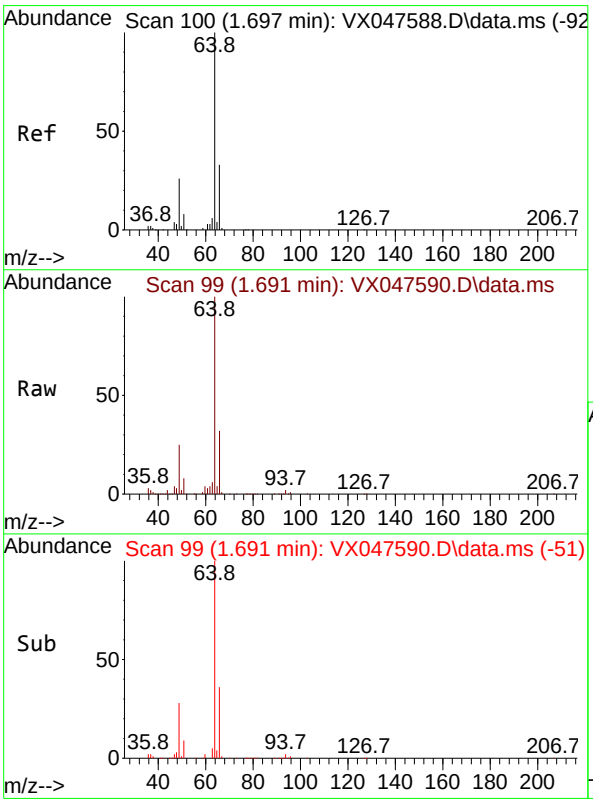
#5
Bromomethane
Concen: 114.019 ug/l
RT: 1.605 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 94 Resp: 147541

Ion	Ratio	Lower	Upper
94	100		
96	93.4	76.6	115.0

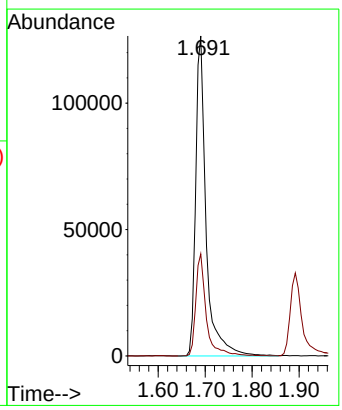


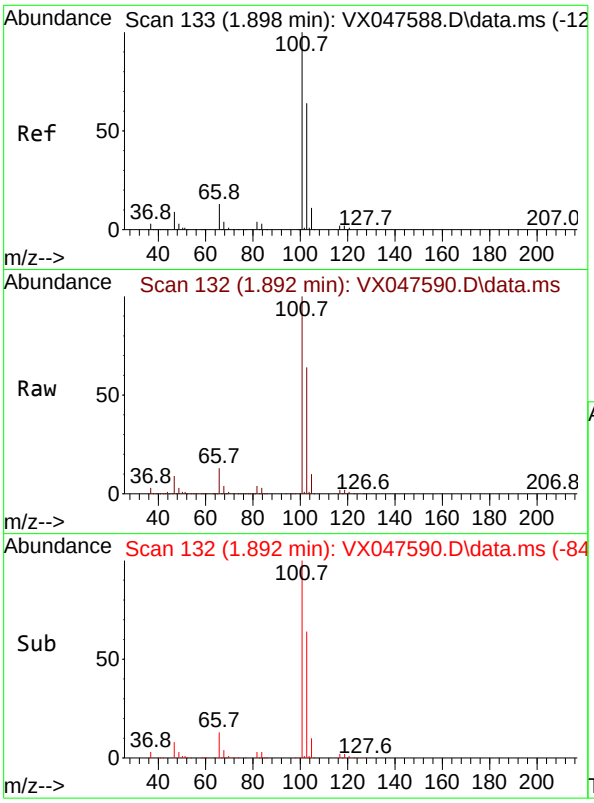


#6
Chloroethane
Concen: 143.652 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 64 Resp: 195927

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.1	39.1



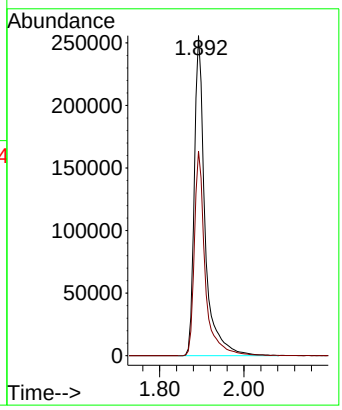


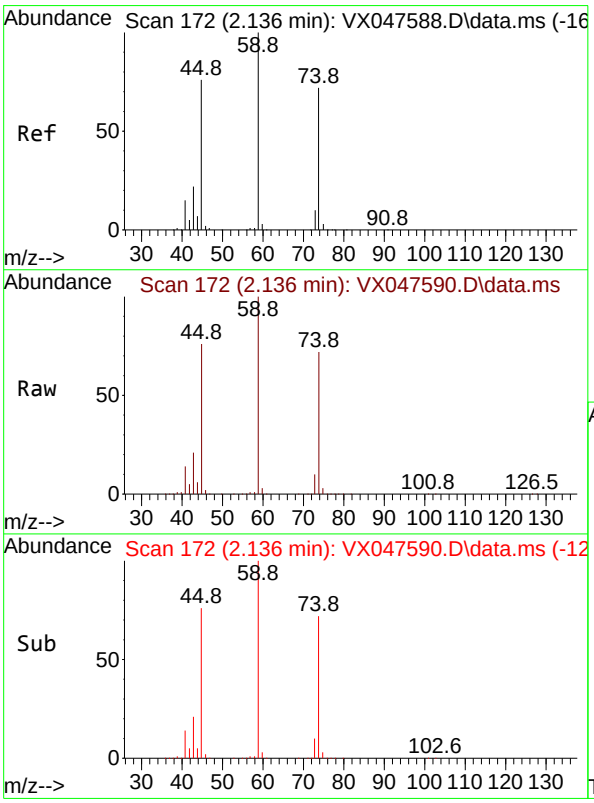
#7
Trichlorofluoromethane
Concen: 149.545 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 453116

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.4	77.2

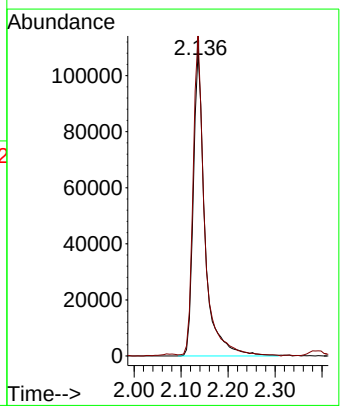


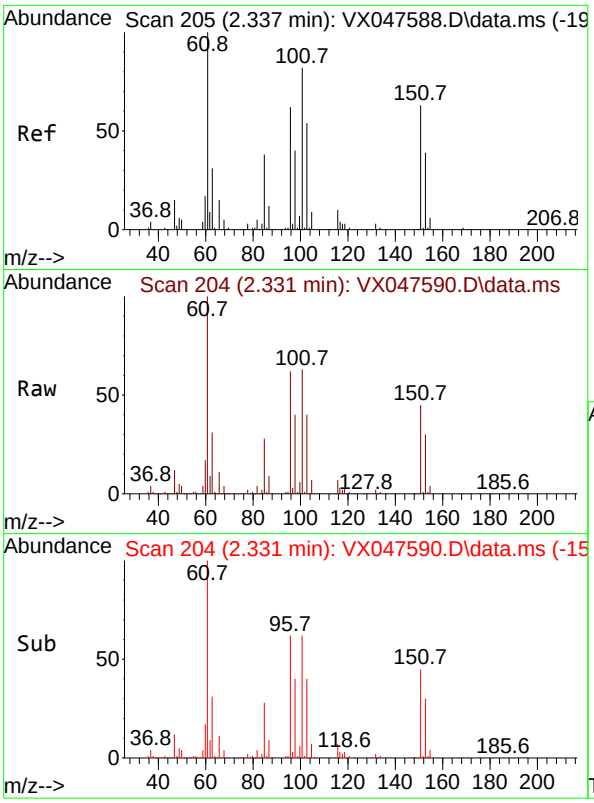


#8
Diethyl Ether
Concen: 151.684 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 74 Resp: 188006

Ion	Ratio	Lower	Upper
74	100		
45	105.5	52.3	156.8



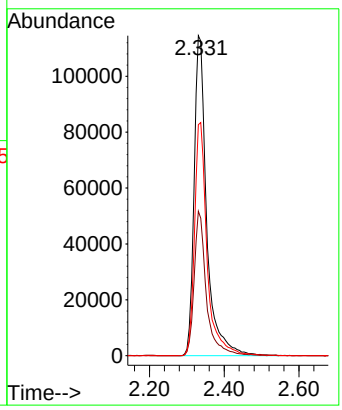


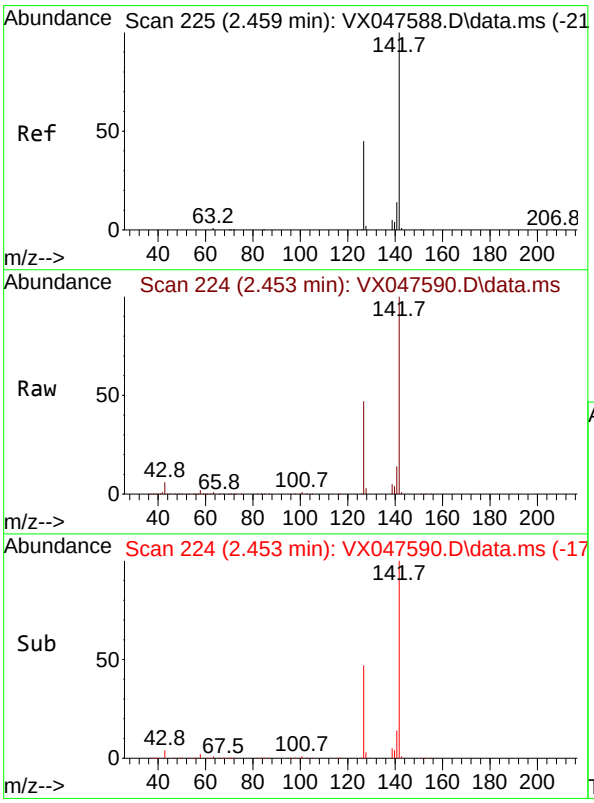
#9
1,1,2-Trichlorotrifluoroethane
Concen: 151.264 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 267995

Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.5	53.3
151	73.2	59.4	89.0

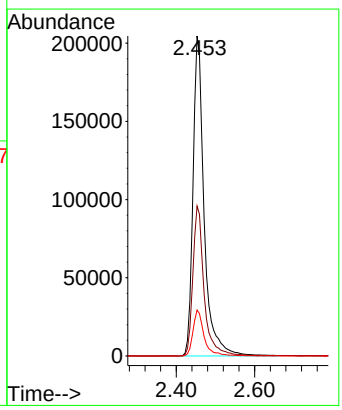


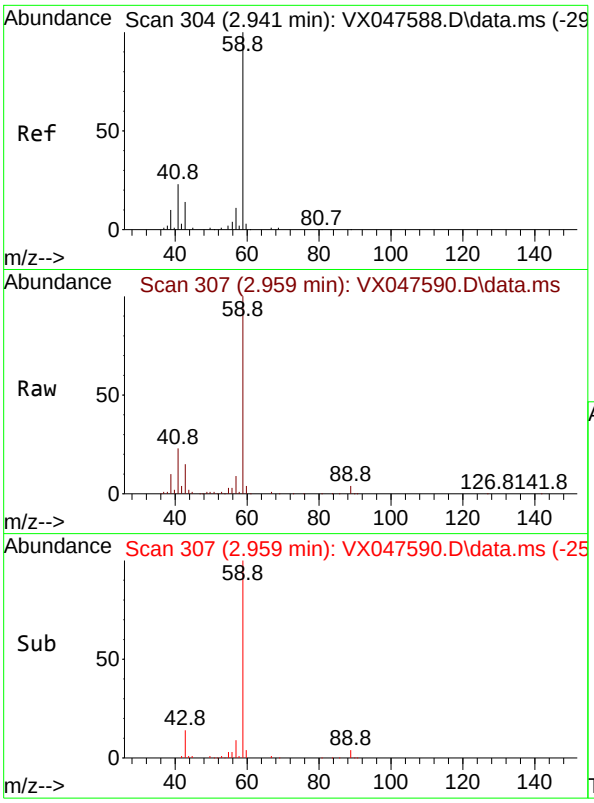


#10
Methyl Iodide
Concen: 147.384 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



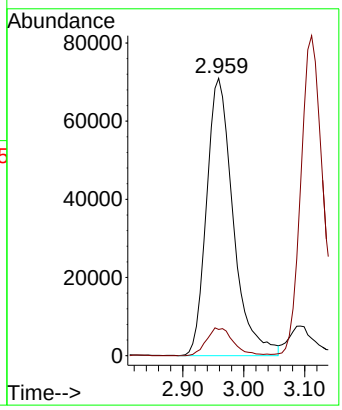


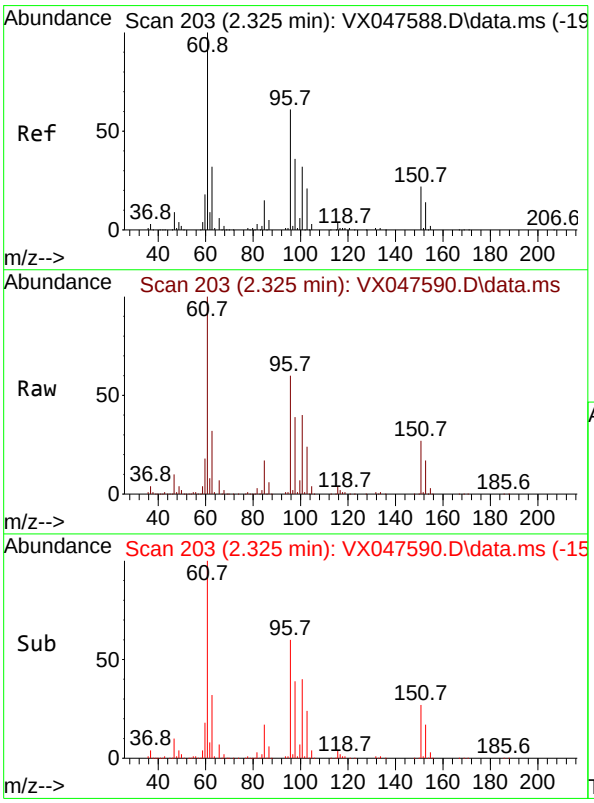
#11
Tert butyl alcohol
Concen: 795.166 ug/l
RT: 2.959 min Scan# 3
Delta R.T. 0.018 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 59 Resp: 215927

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.3	12.5

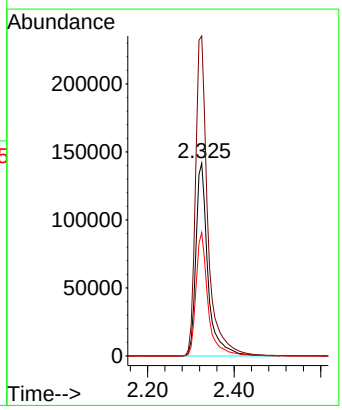


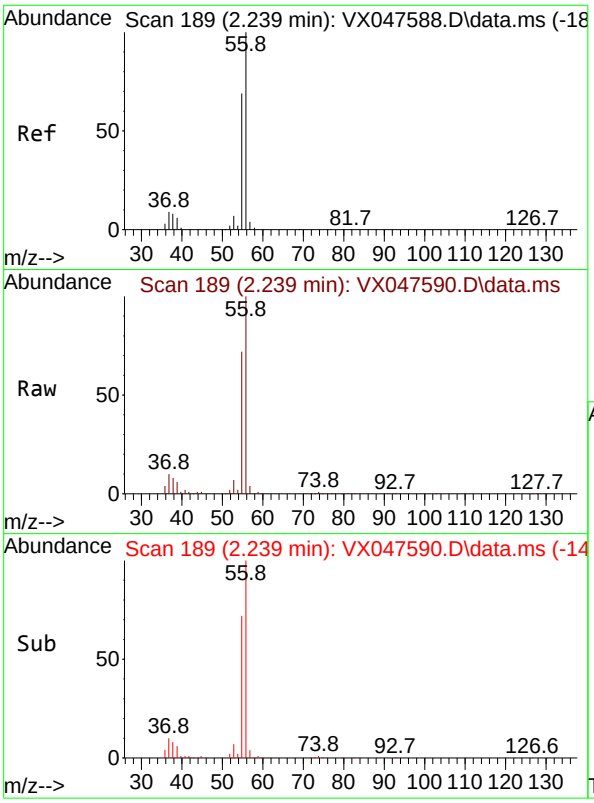


#12
1,1-Dichloroethene
Concen: 150.388 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



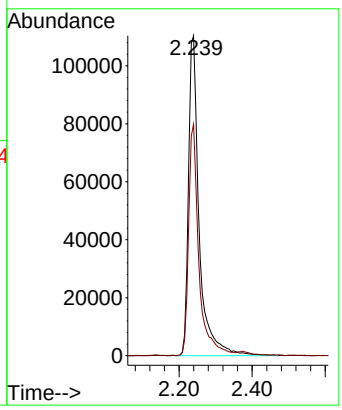


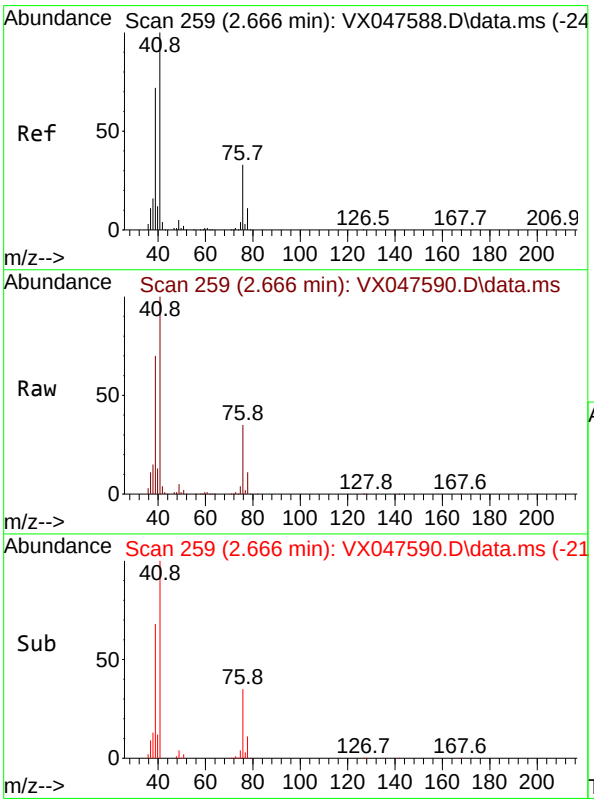
#13
Acrolein
Concen: 894.203 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 223763

Ion	Ratio	Lower	Upper
56	100		
55	69.6	57.2	85.8

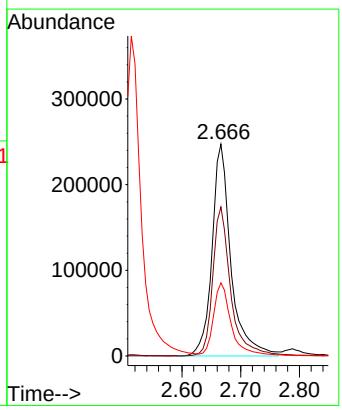


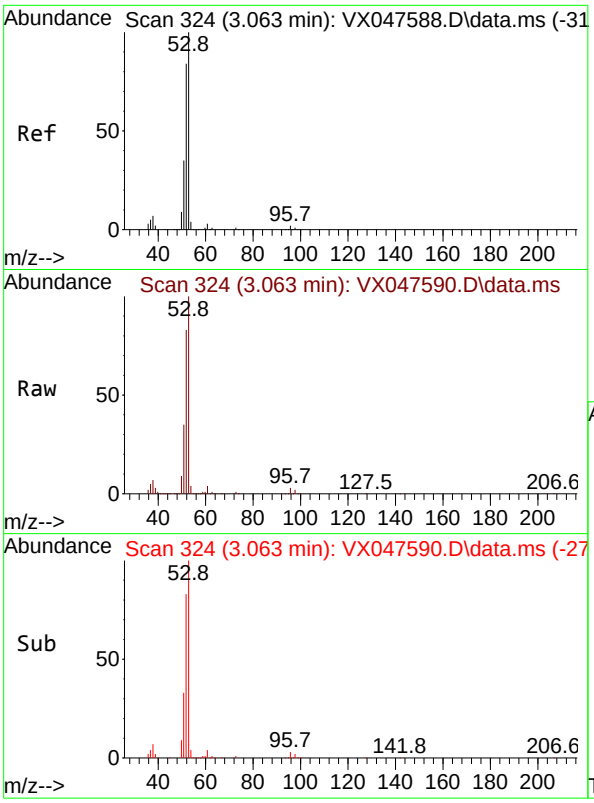


#14
Allyl chloride
Concen: 147.727 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



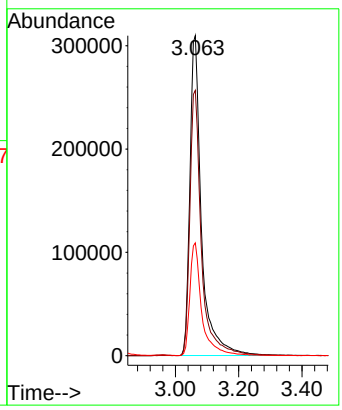


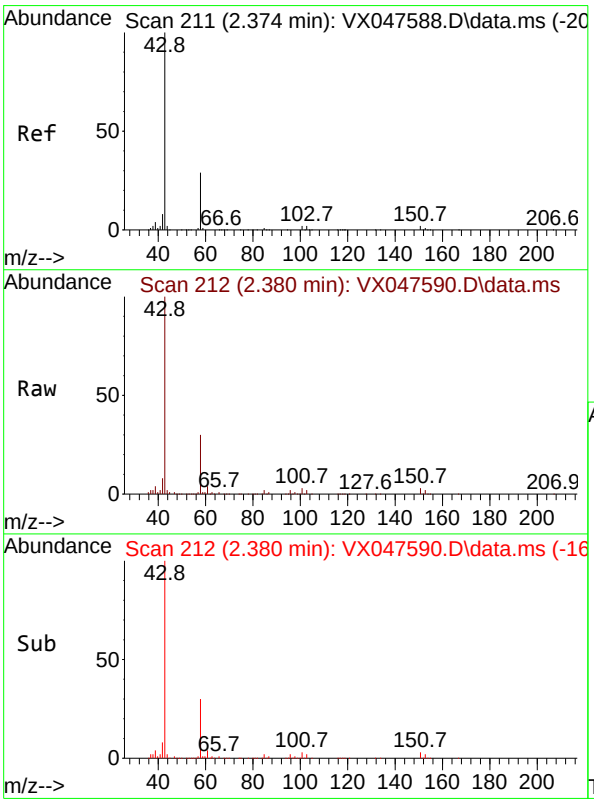
#15
Acrylonitrile
Concen: 786.201 ug/l
RT: 3.063 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 790790

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.1	29.5	44.3

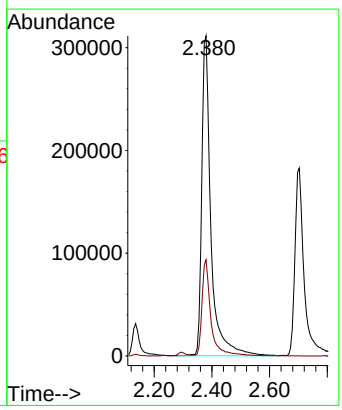


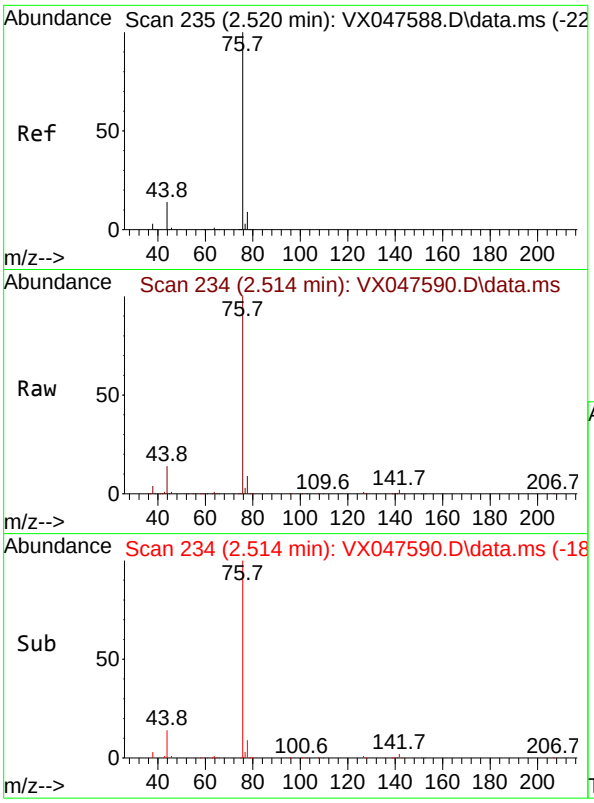


#16
Acetone
Concen: 647.201 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 686119

Ion	Ratio	Lower	Upper
43	100		
58	30.0	23.4	35.0



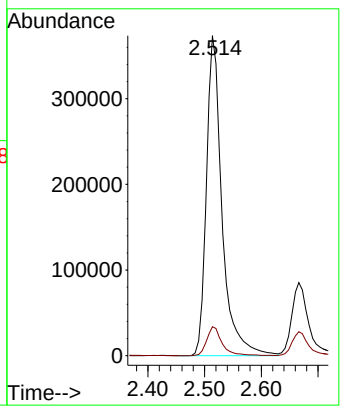


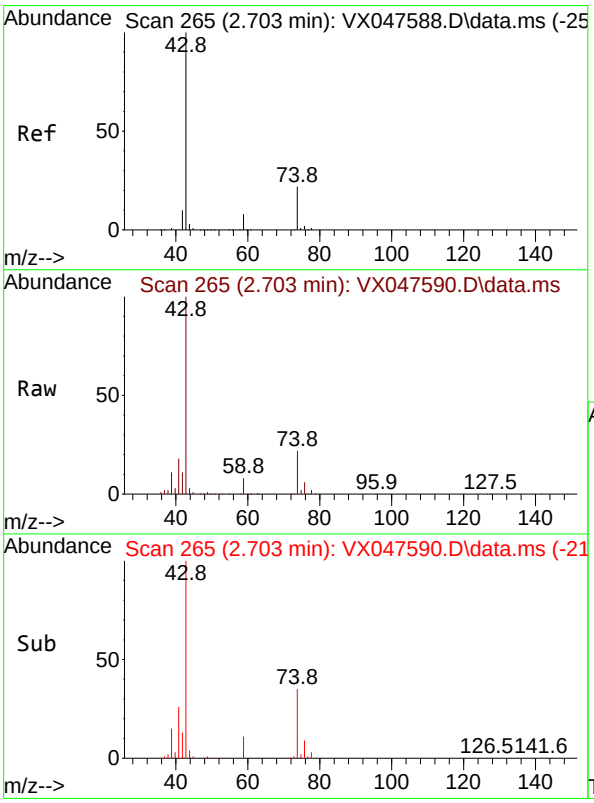
#17
Carbon Disulfide
Concen: 143.412 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 714503

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2

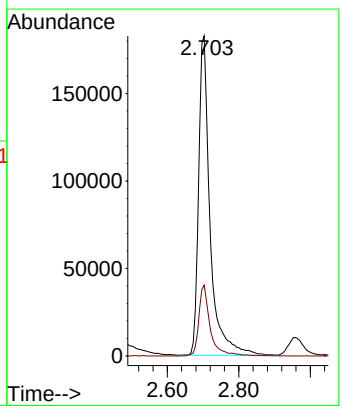


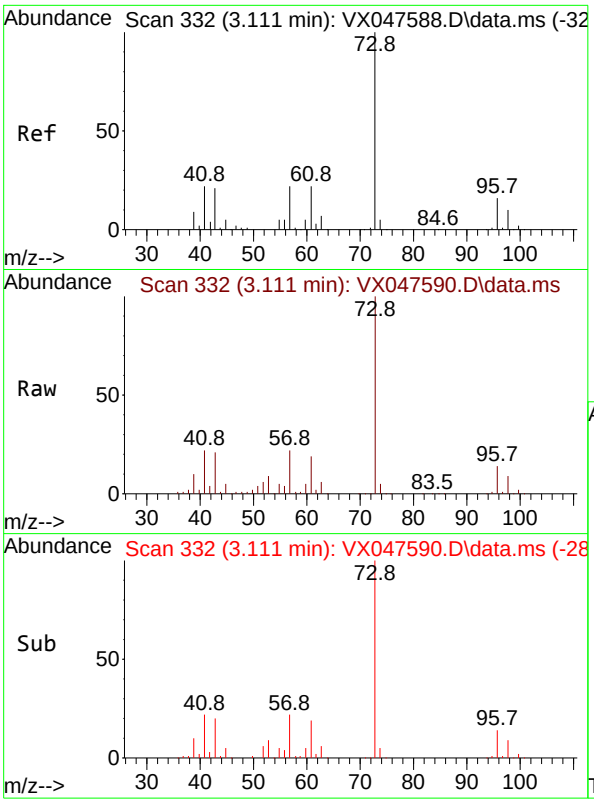


#18
Methyl Acetate
Concen: 171.548 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 43 Resp: 404736

Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.4	26.2



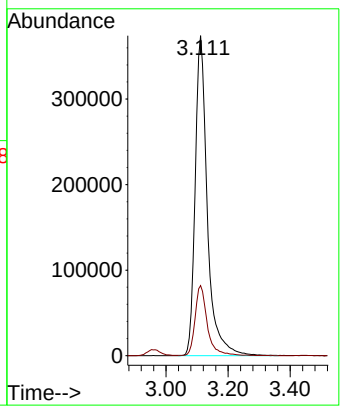


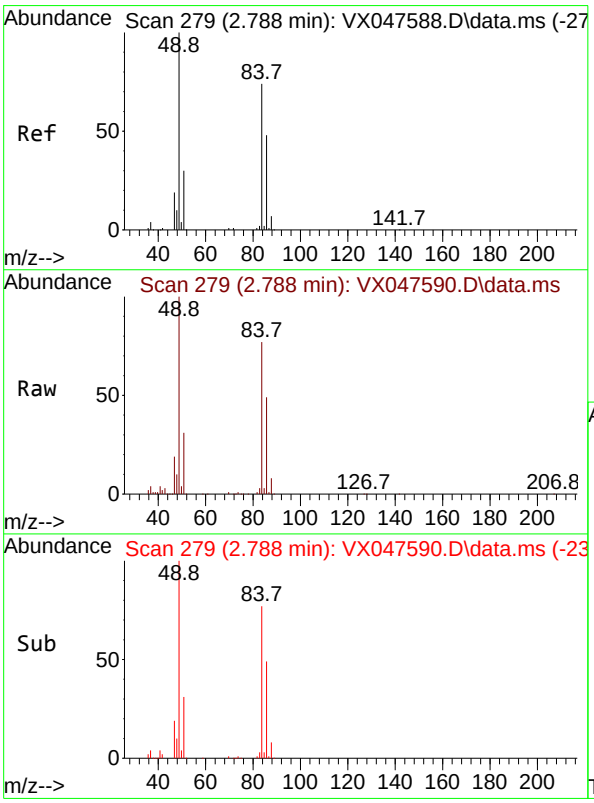
#19
Methyl tert-butyl Ether
Concen: 152.826 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 73 Resp: 1015295

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.4	26.2

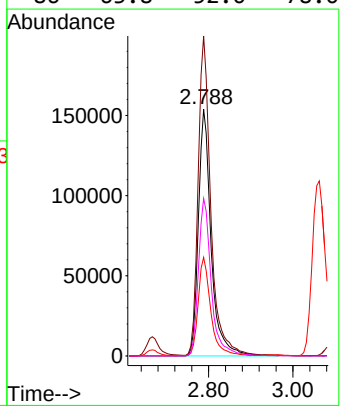


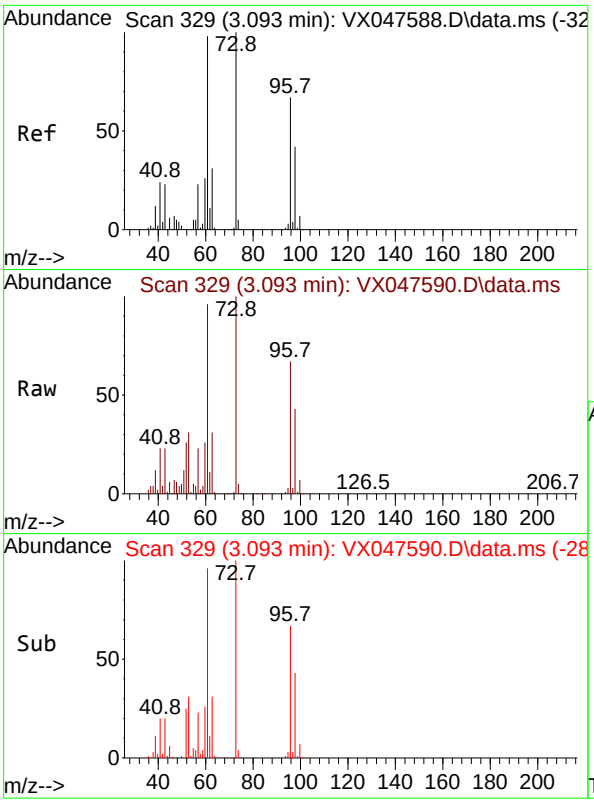


#20
Methylene Chloride
Concen: 144.398 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



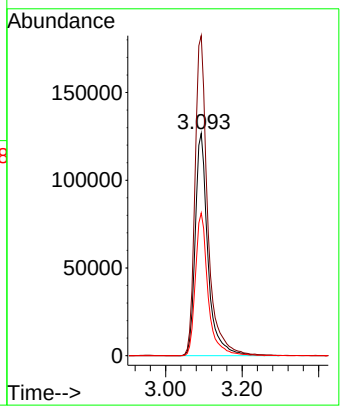


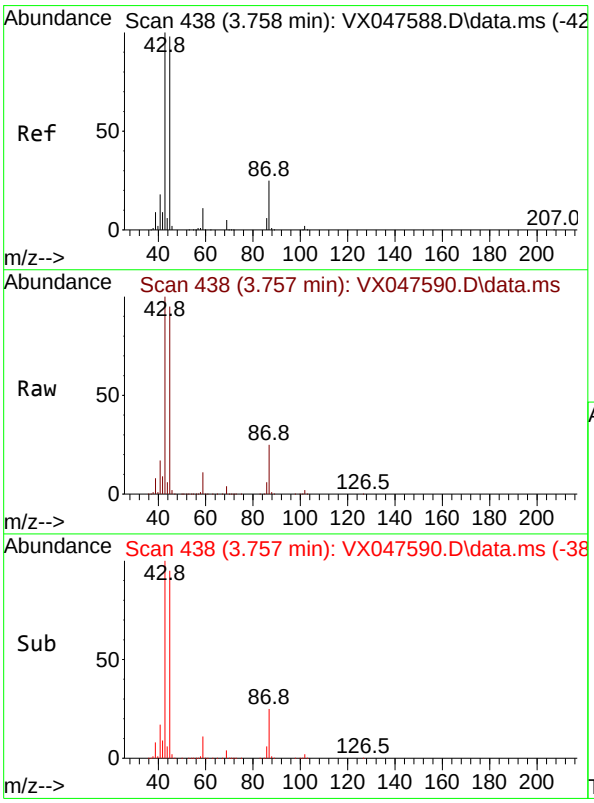
#21
trans-1,2-Dichloroethene
Concen: 148.833 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 291616

Ion	Ratio	Lower	Upper
96	100		
61	144.0	116.2	174.2
98	64.3	49.3	73.9

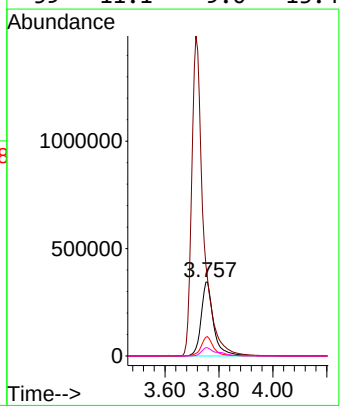


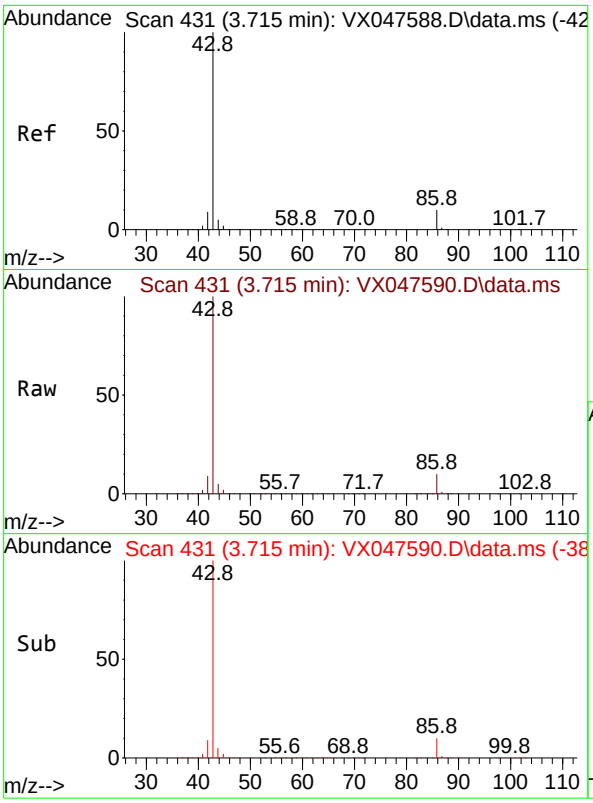


#22
Diisopropyl ether
Concen: 150.551 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



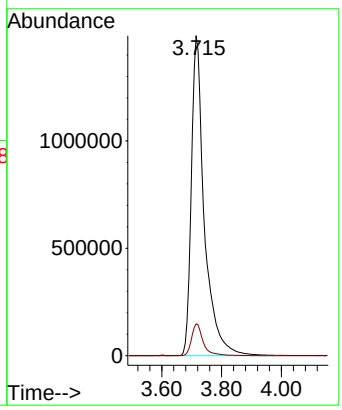


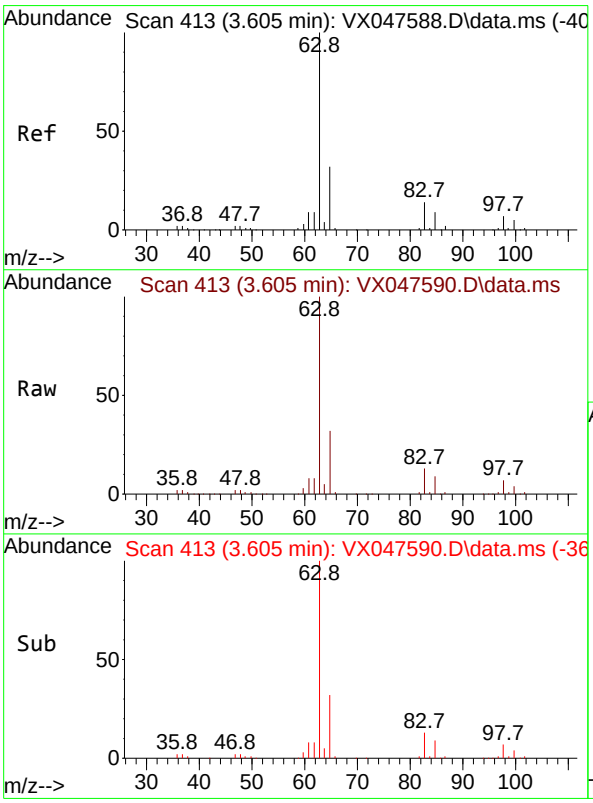
#23
Vinyl Acetate
Concen: 773.364 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 4504849

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

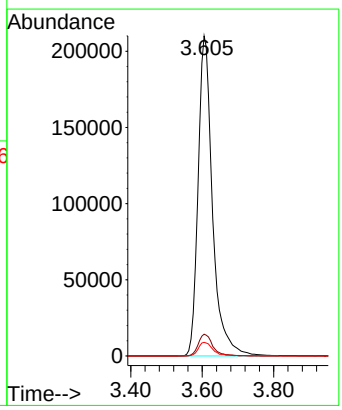


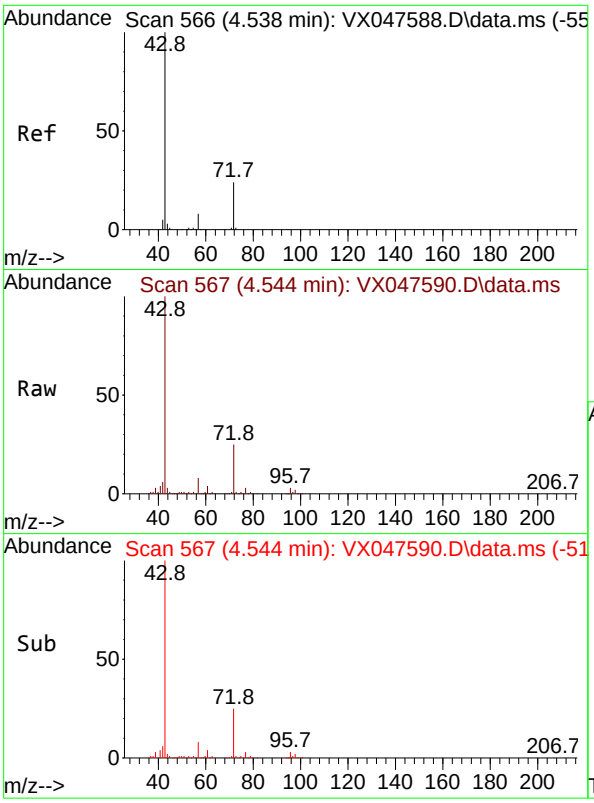


#24
1,1-Dichloroethane
Concen: 151.776 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



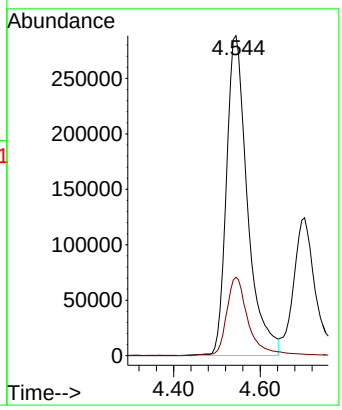


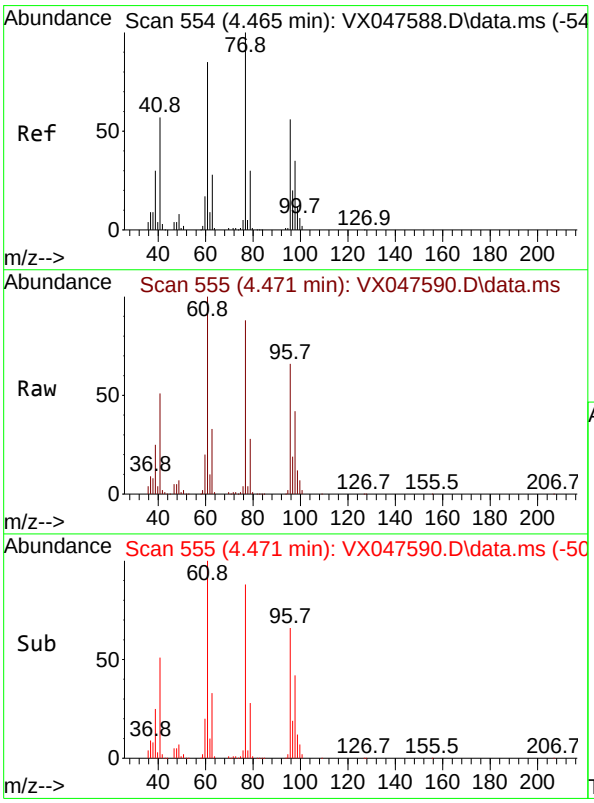
#25
2-Butanone
Concen: 736.502 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 973938

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.1	30.1

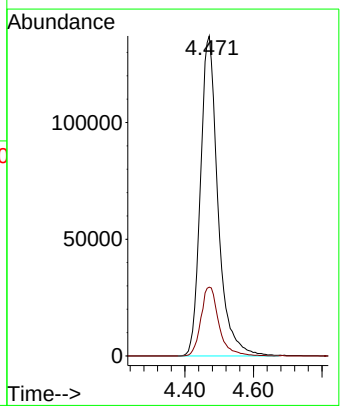


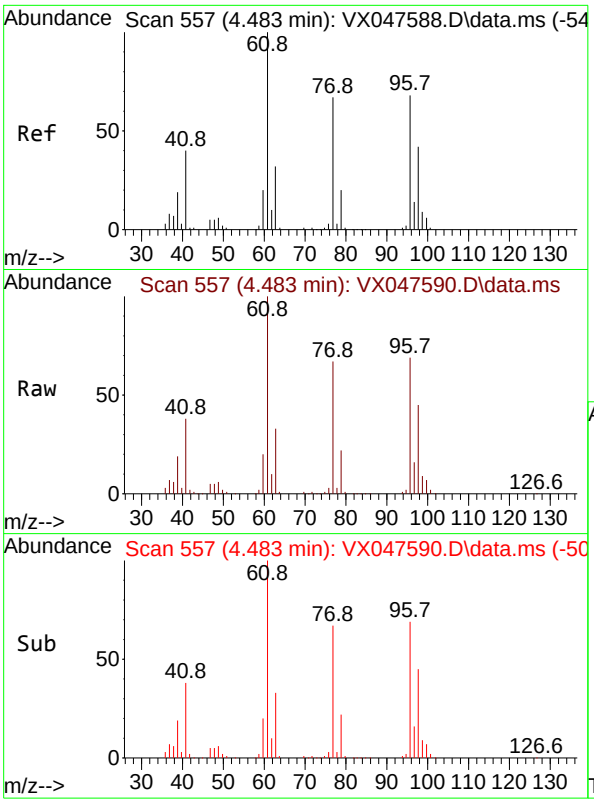


#26
2,2-Dichloropropane
Concen: 151.414 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 77 Resp: 486890

Ion	Ratio	Lower	Upper
77	100		
97	22.1	10.9	32.7



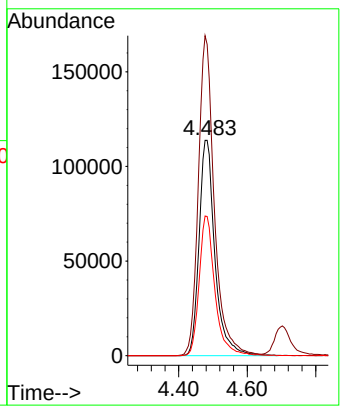


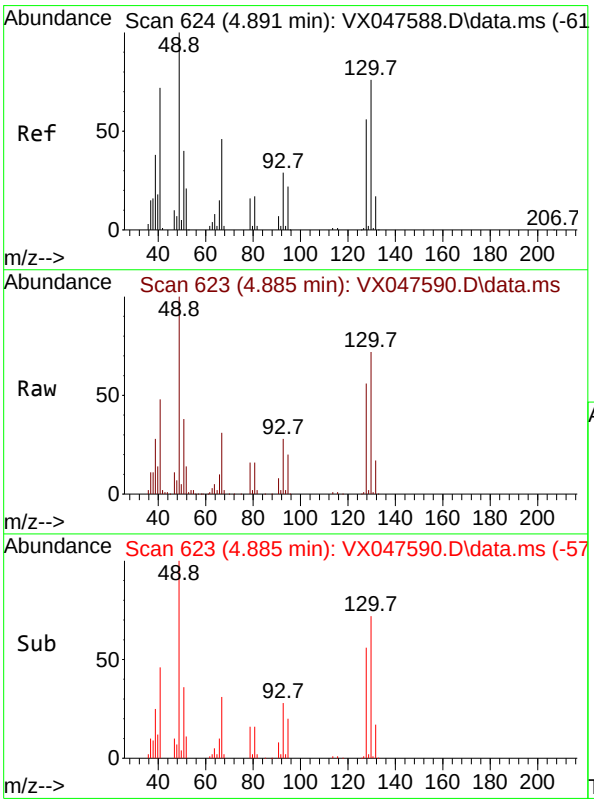
#27
cis-1,2-Dichloroethene
Concen: 152.638 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 96 Resp: 366262

Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	303.2
98	64.6	0.0	127.8

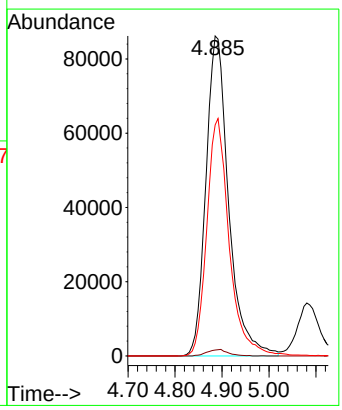


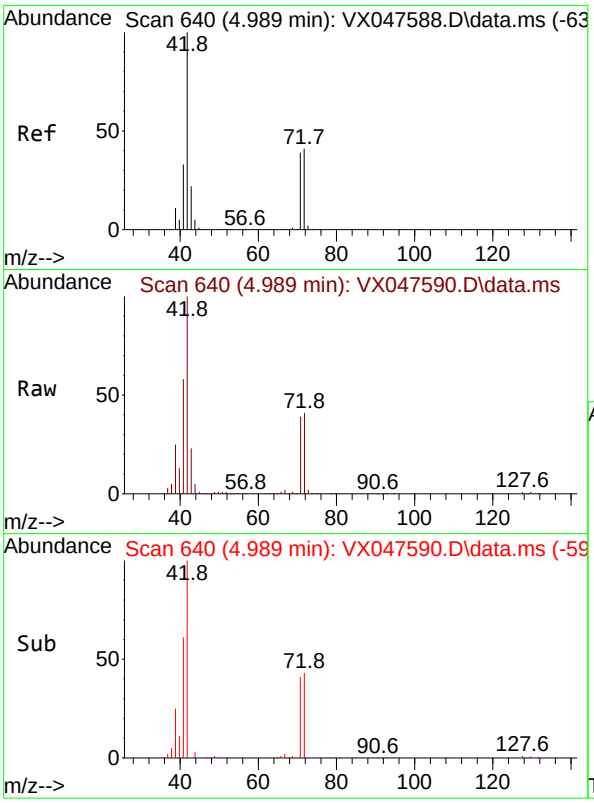


#28
Bromochloromethane
Concen: 171.451 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



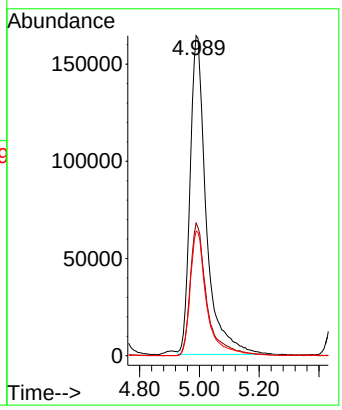


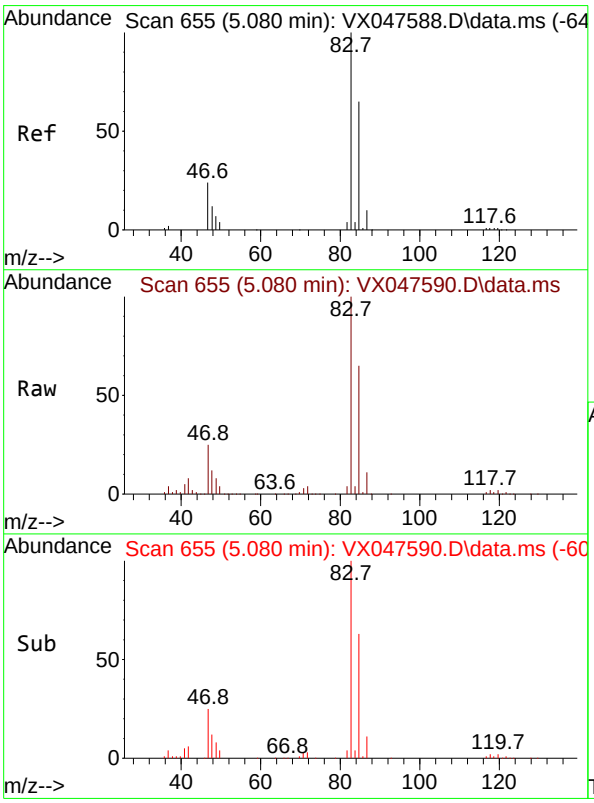
#29
Tetrahydrofuran
Concen: 774.811 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 42 Resp: 616374

Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.2	51.2
71	39.9	31.9	47.9

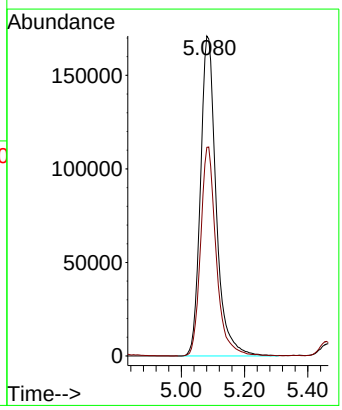


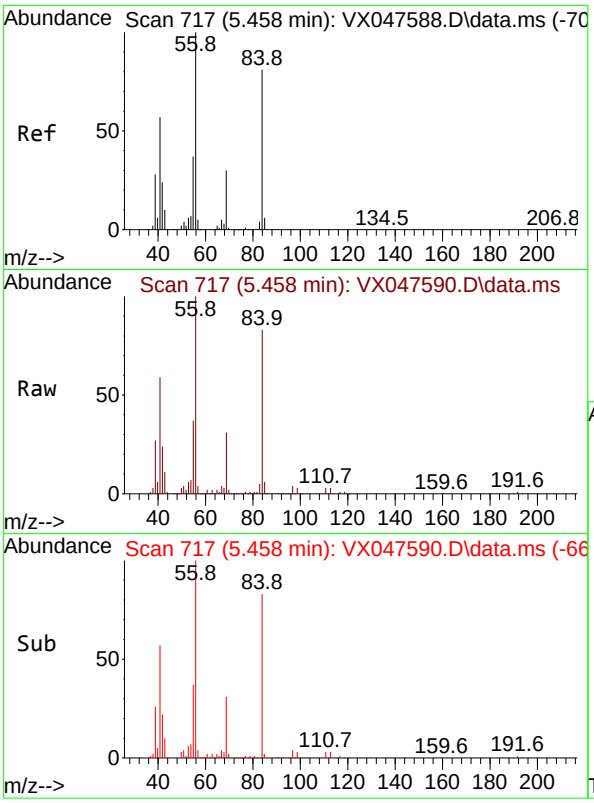


#30
Chloroform
Concen: 151.367 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 83 Resp: 591709

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.6



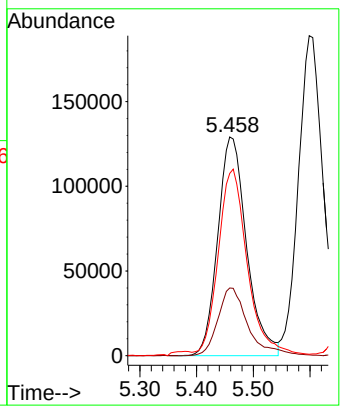


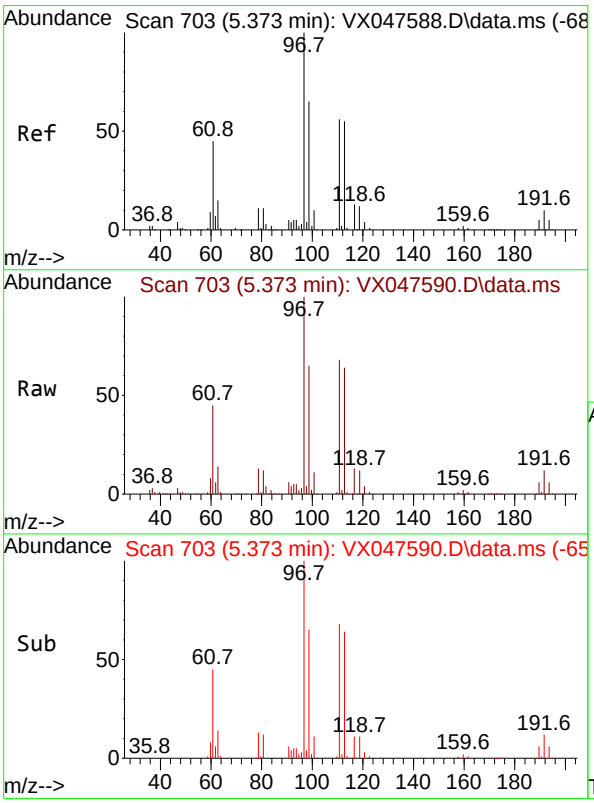
#31
Cyclohexane
Concen: 141.570 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 56 Resp: 456119

Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.8	35.8
84	81.5	64.6	97.0

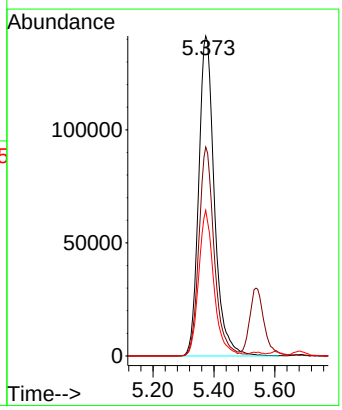


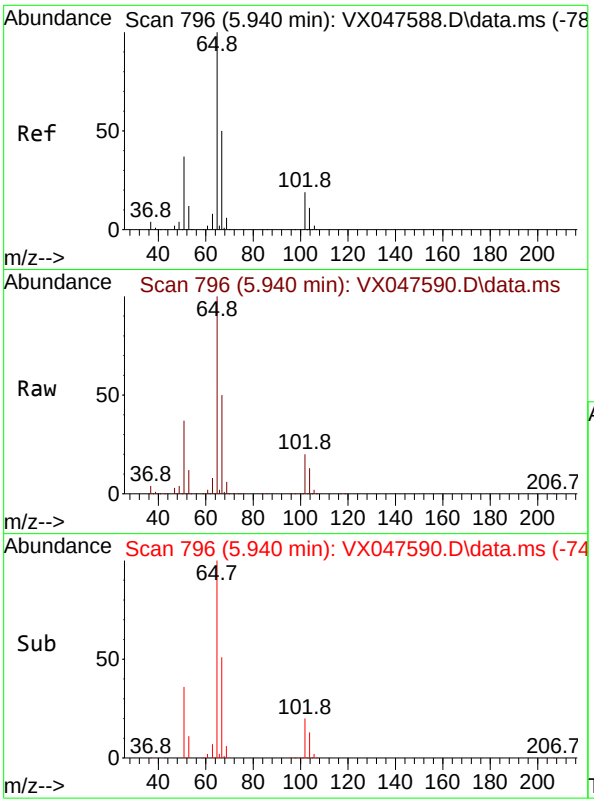


#32
1,1,1-Trichloroethane
Concen: 152.802 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



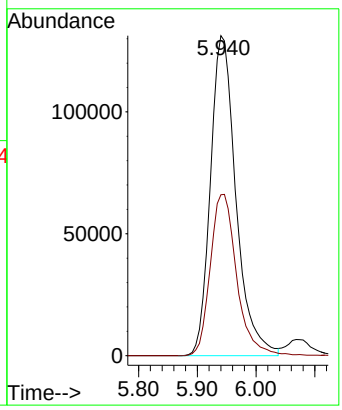


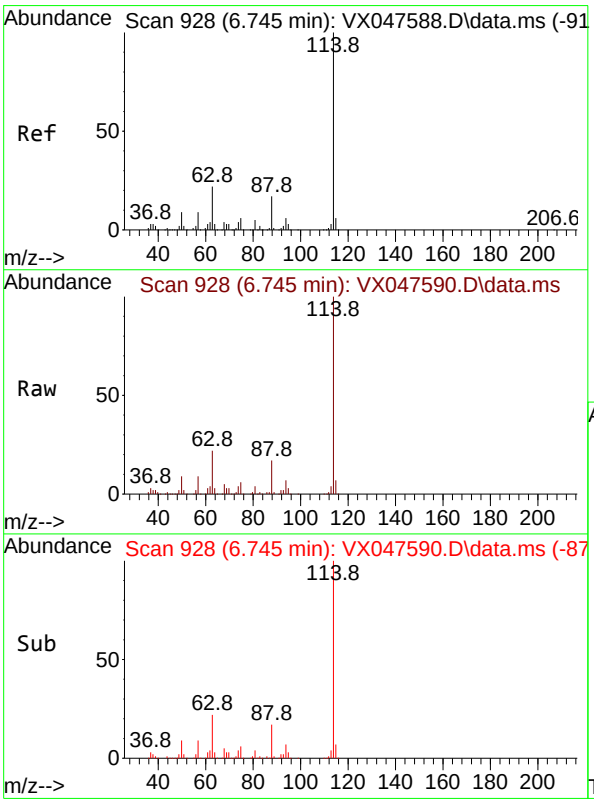
#33
1,2-Dichloroethane-d4
Concen: 162.673 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 65 Resp: 396627

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

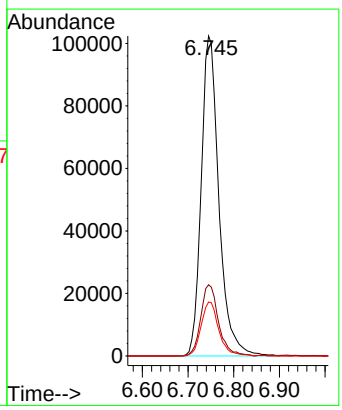


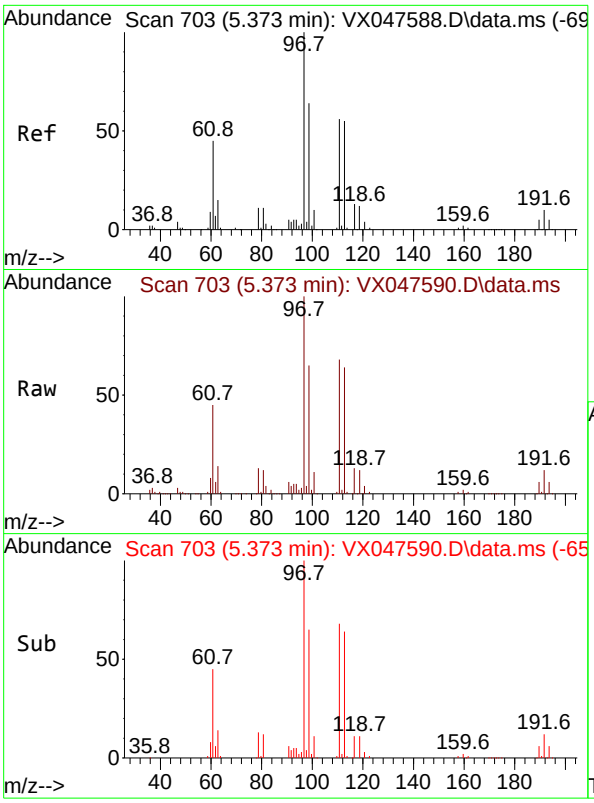


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



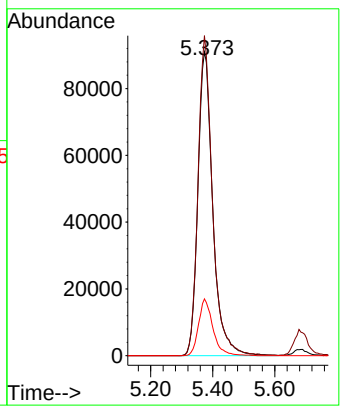


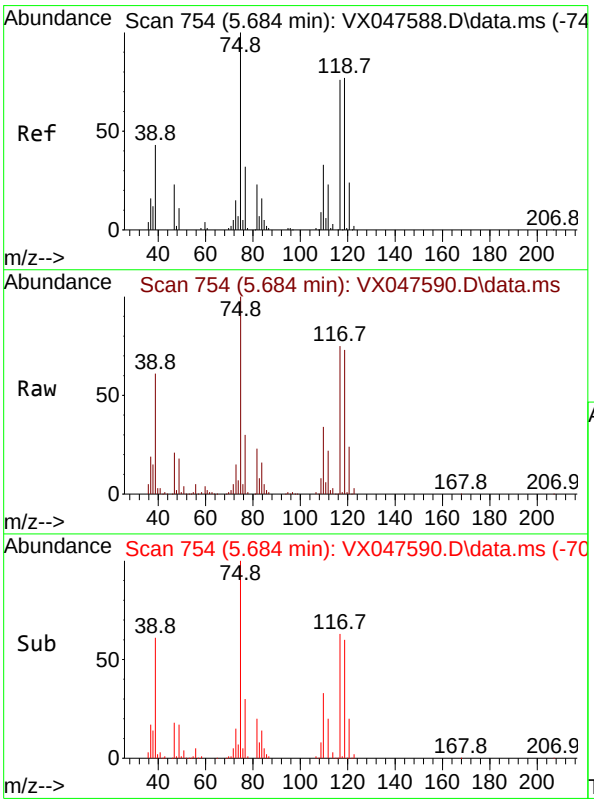
#35
Dibromofluoromethane
Concen: 164.802 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:113 Resp: 303728

Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.9	121.3
192	18.1	14.2	21.4

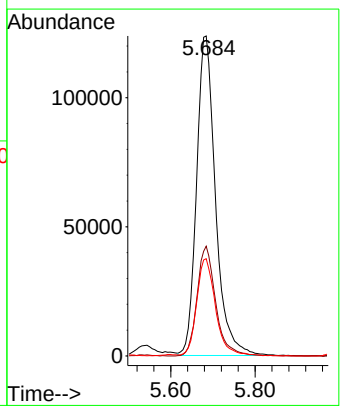


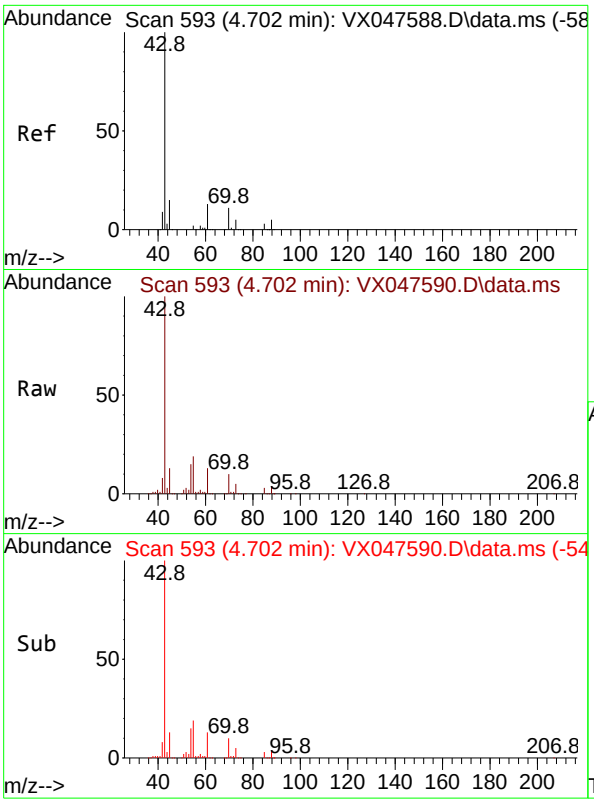


#36
1,1-Dichloropropene
Concen: 143.556 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



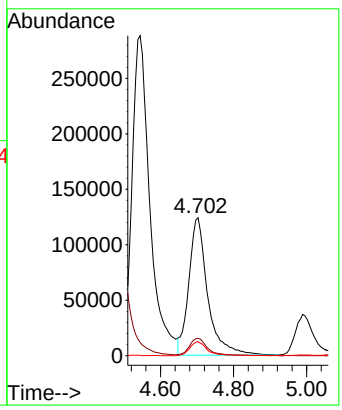


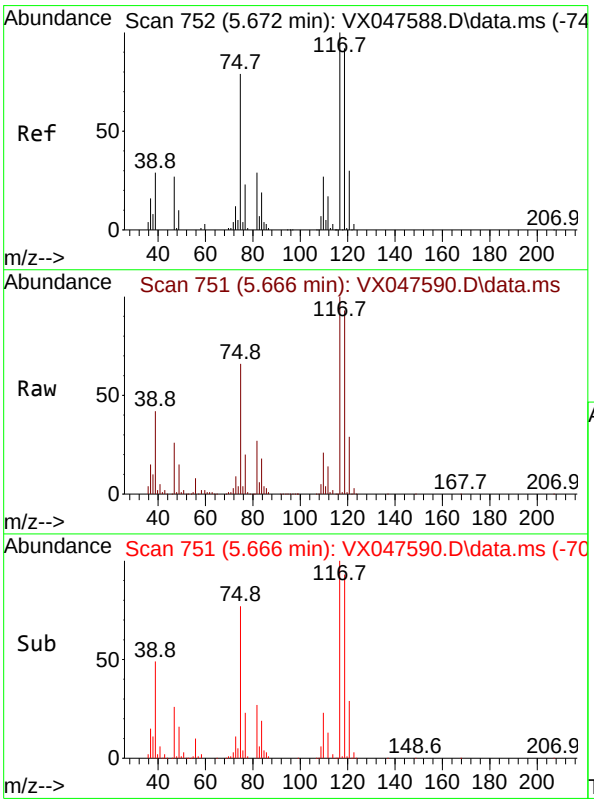
#37
Ethyl Acetate
Concen: 154.141 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 444461

Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.8	14.8
70	9.5	7.9	11.9

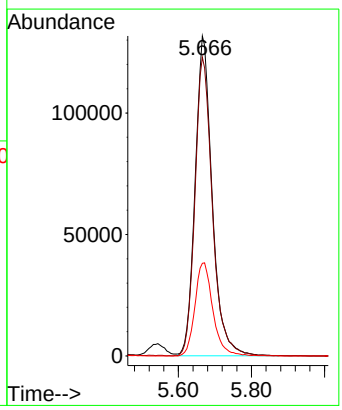


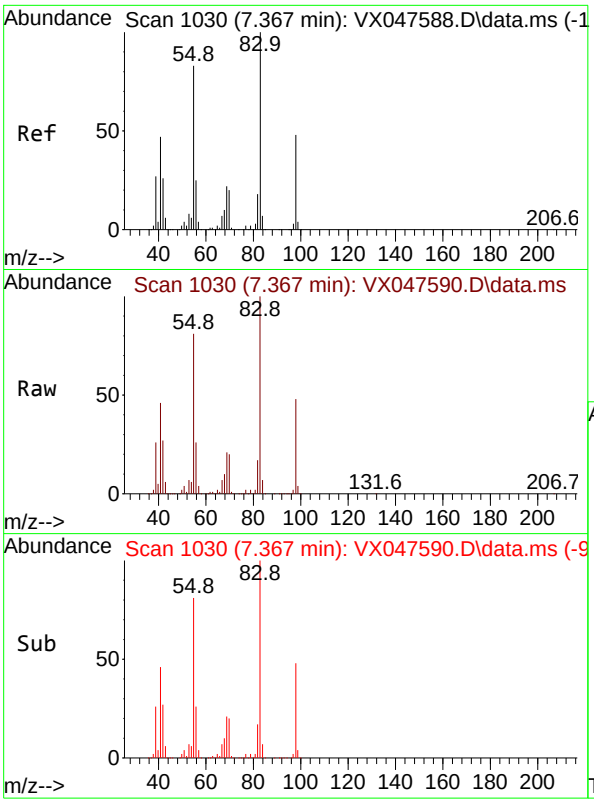


#38
Carbon Tetrachloride
Concen: 146.021 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



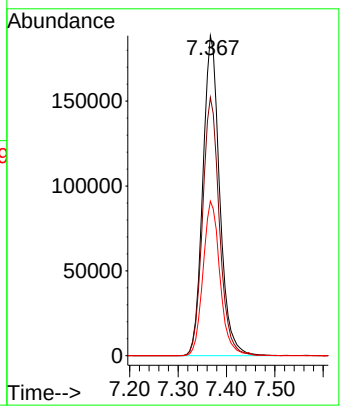


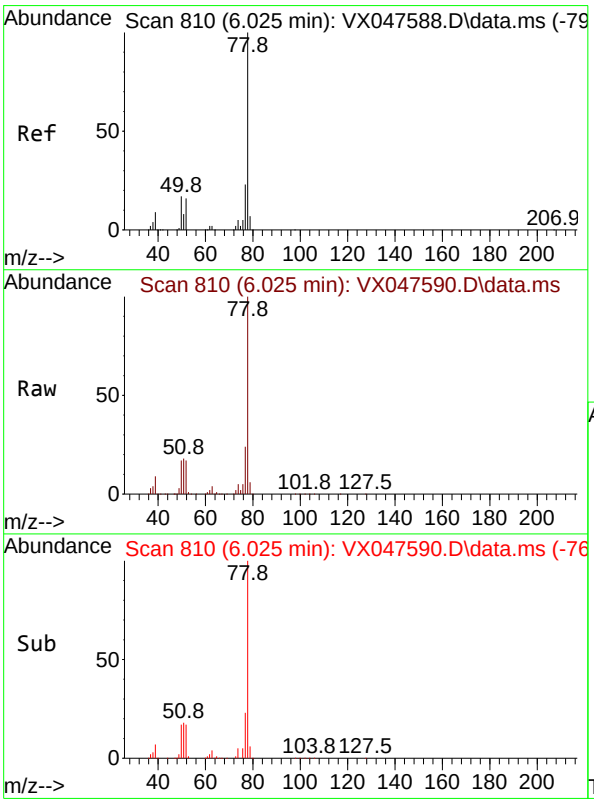
#39
Methylcyclohexane
Concen: 149.395 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 456694

Ion	Ratio	Lower	Upper
83	100		
55	80.7	66.4	99.6
98	48.3	38.1	57.1

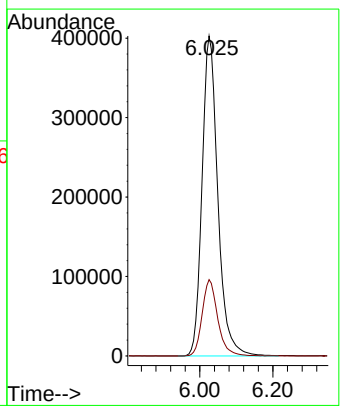


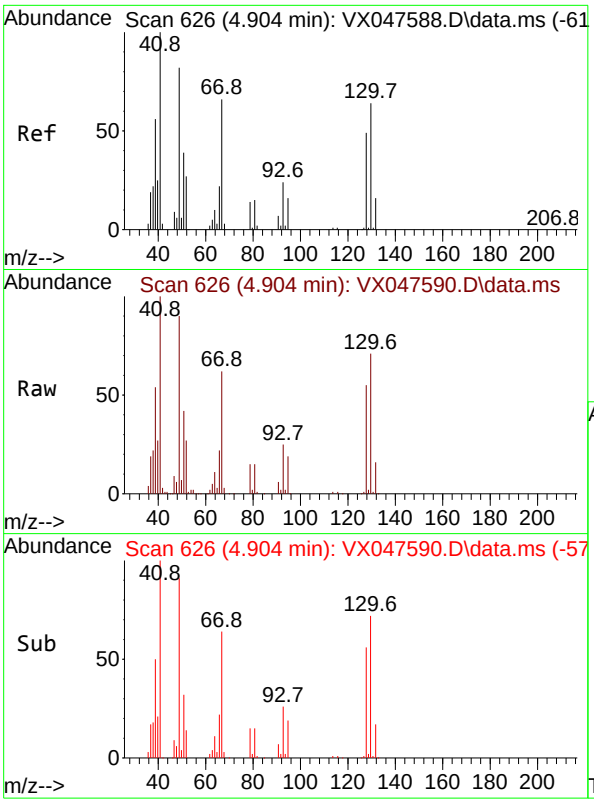


#40
Benzene
Concen: 147.057 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 78 Resp: 1202846

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2



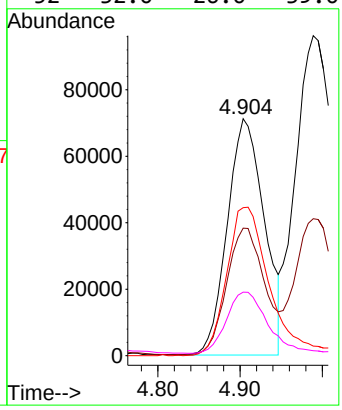


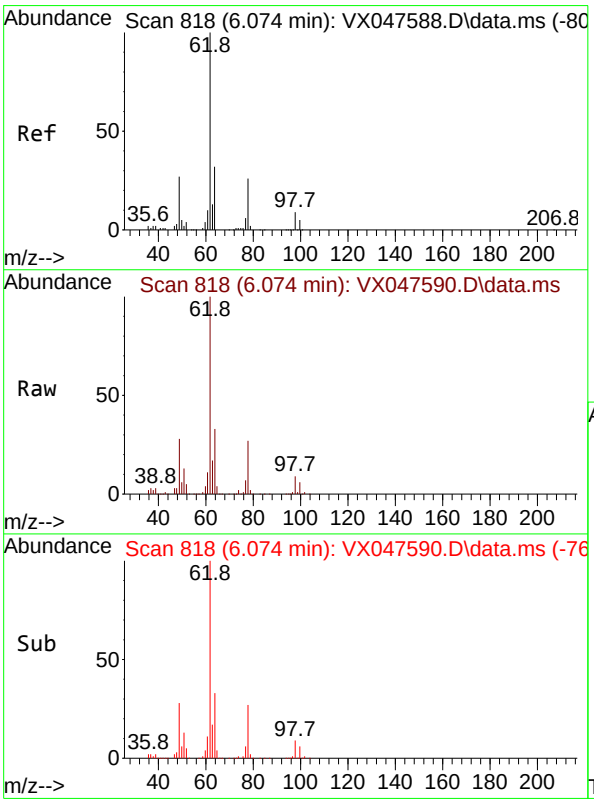
#41
Methacrylonitrile
Concen: 149.951 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 41 Resp: 223218

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

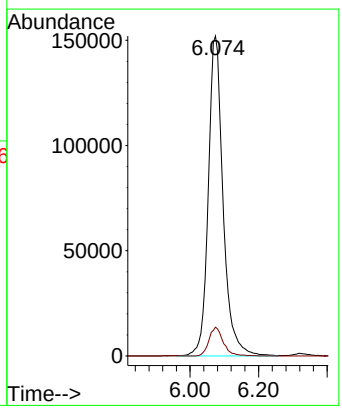


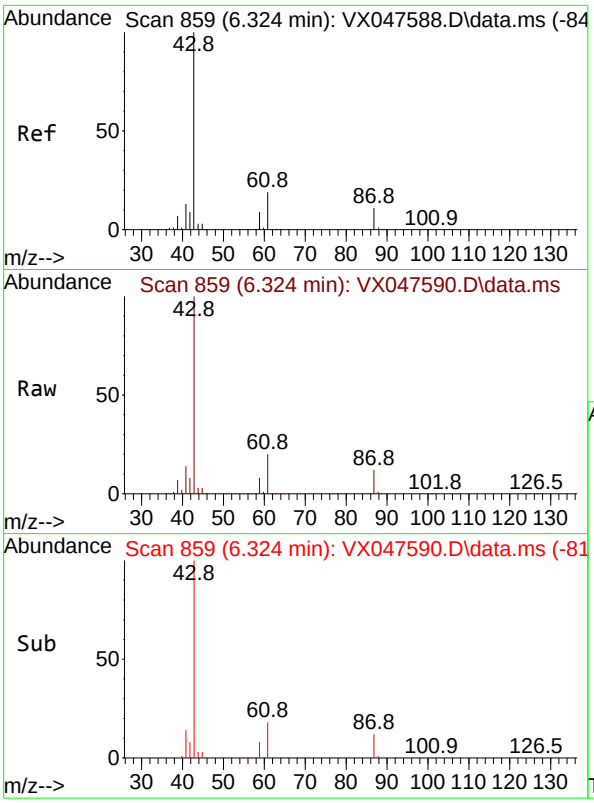


#42
1,2-Dichloroethane
Concen: 146.515 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 62 Resp: 455978

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



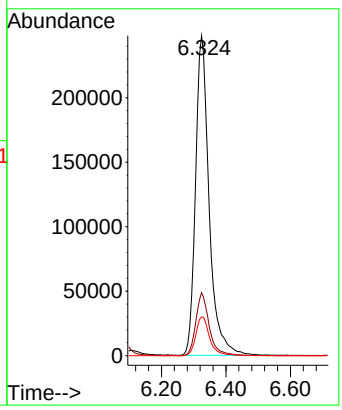


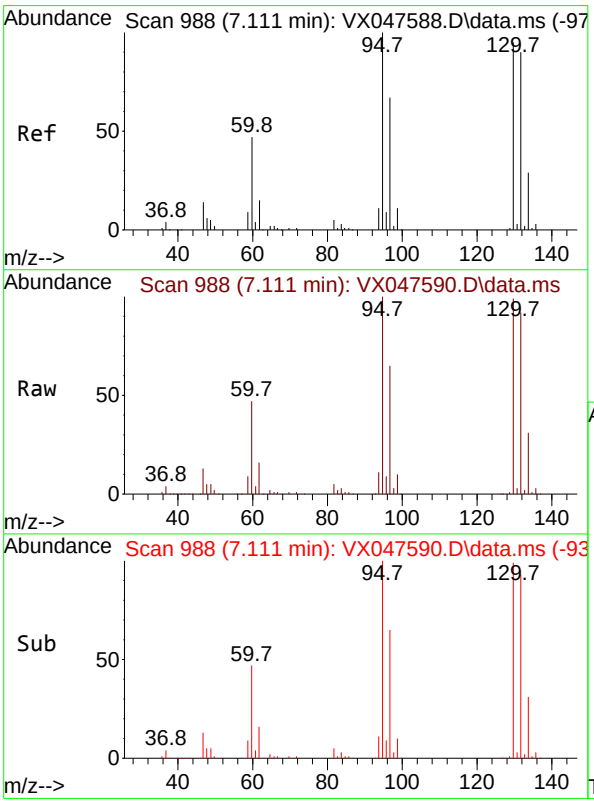
#43
Isopropyl Acetate
Concen: 153.283 ug/l
RT: 6.324 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 724888

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	12.3	9.6	14.4

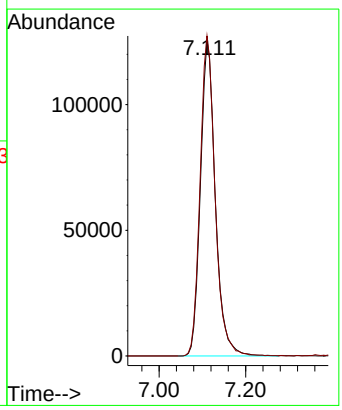


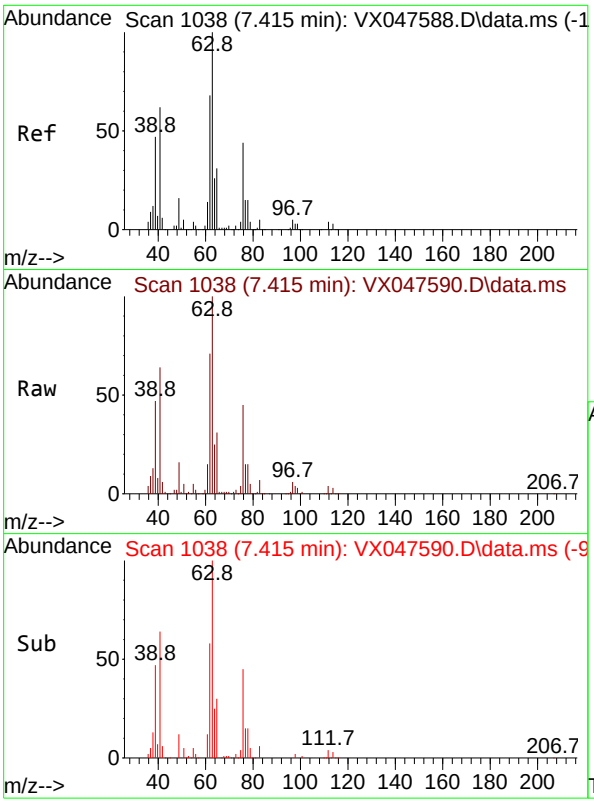


#44
Trichloroethene
Concen: 151.542 ug/l
RT: 7.111 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:130 Resp: 299673

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	210.8



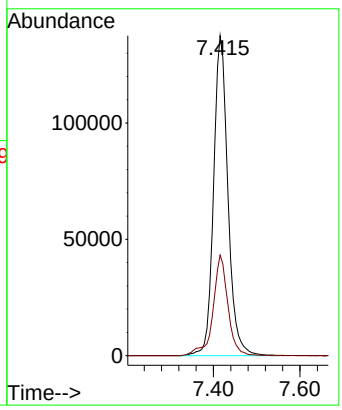


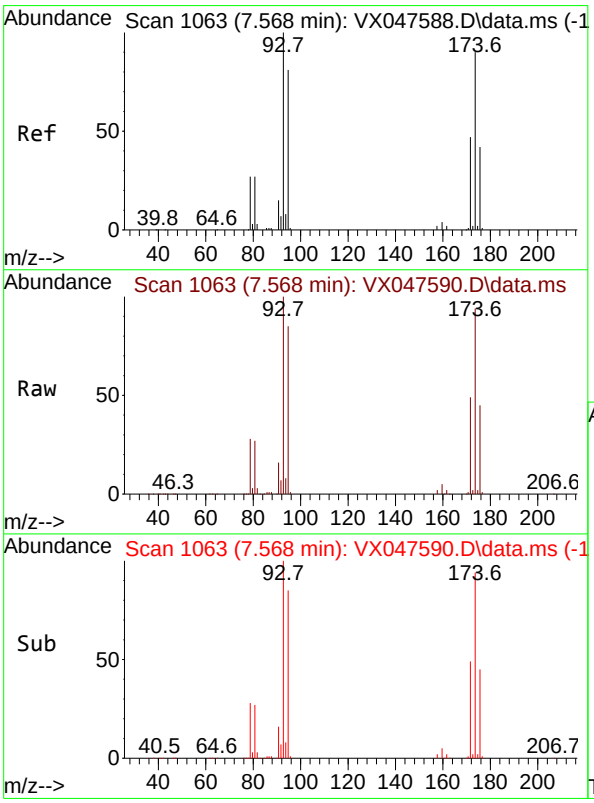
#45
1,2-Dichloropropane
Concen: 151.219 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 316720

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1

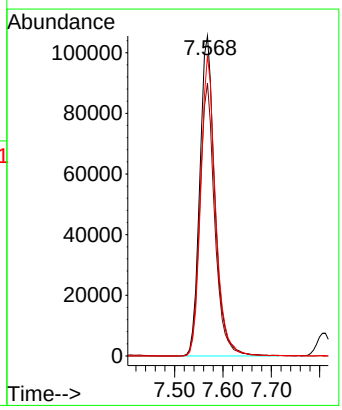


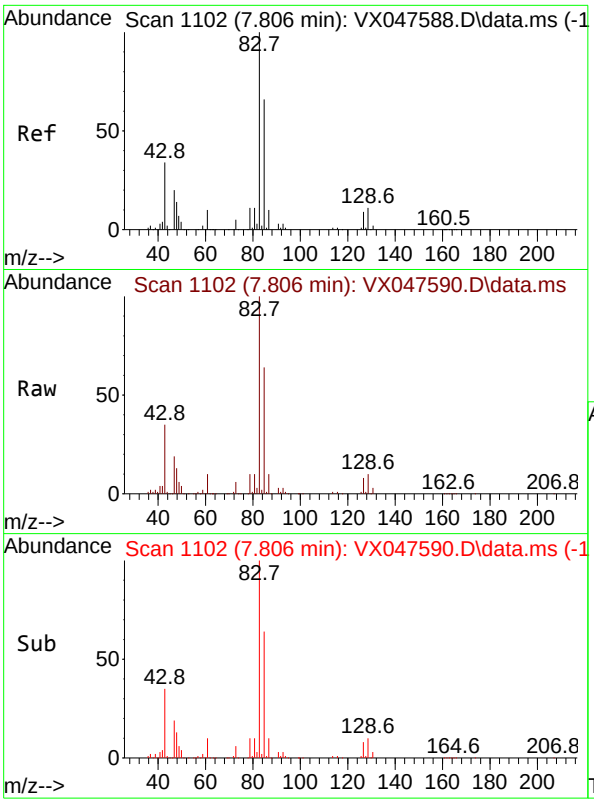


#46
Dibromomethane
Concen: 149.954 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



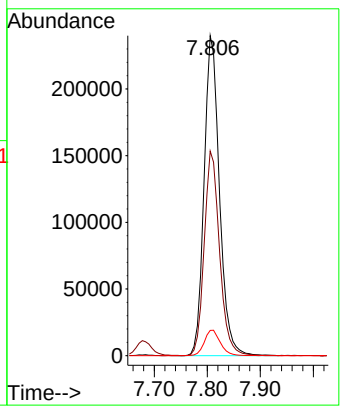


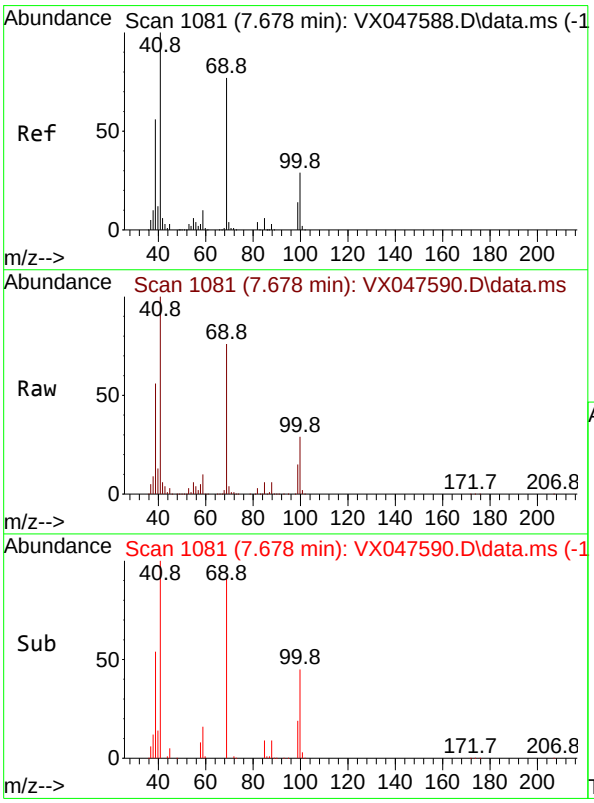
#47
Bromodichloromethane
Concen: 153.710 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 483438

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.5	78.7
127	7.9	6.9	10.3

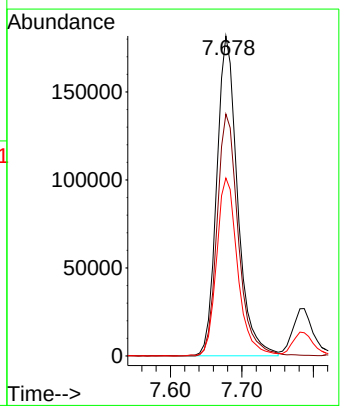


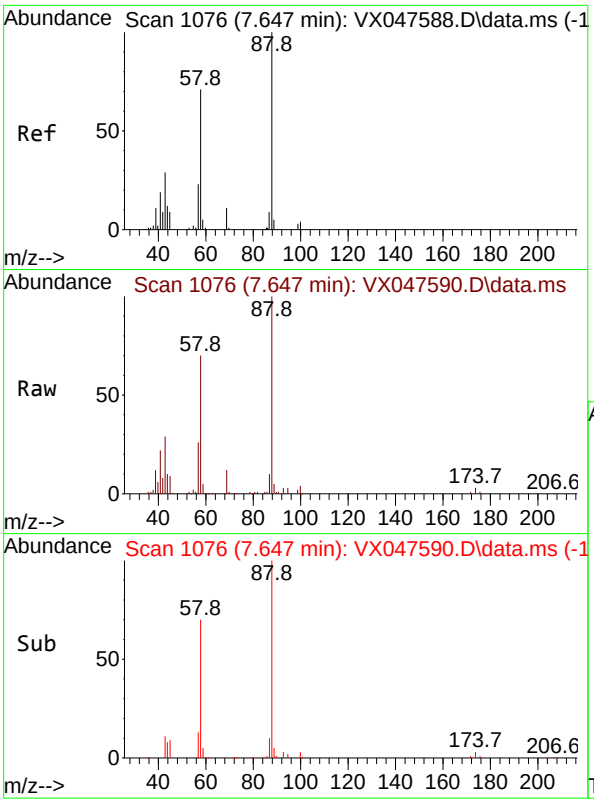


#48
Methyl methacrylate
Concen: 156.194 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



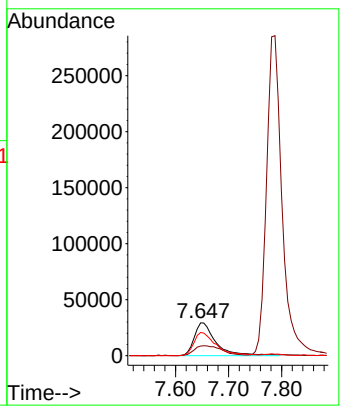


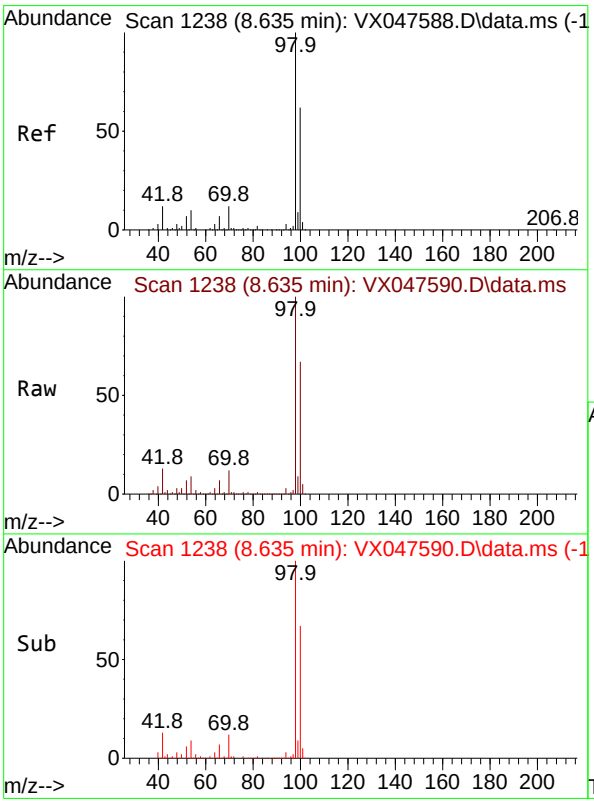
#49
1,4-Dioxane
Concen: 3475.565 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 88 Resp: 82739

Ion	Ratio	Lower	Upper
88	100		
43	38.5	30.2	45.2
58	73.0	59.5	89.3

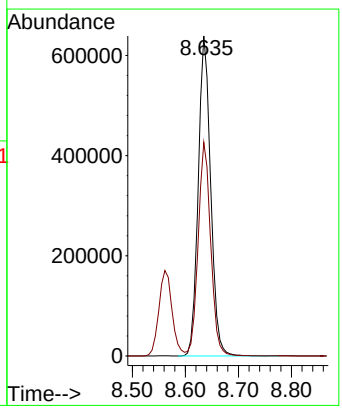


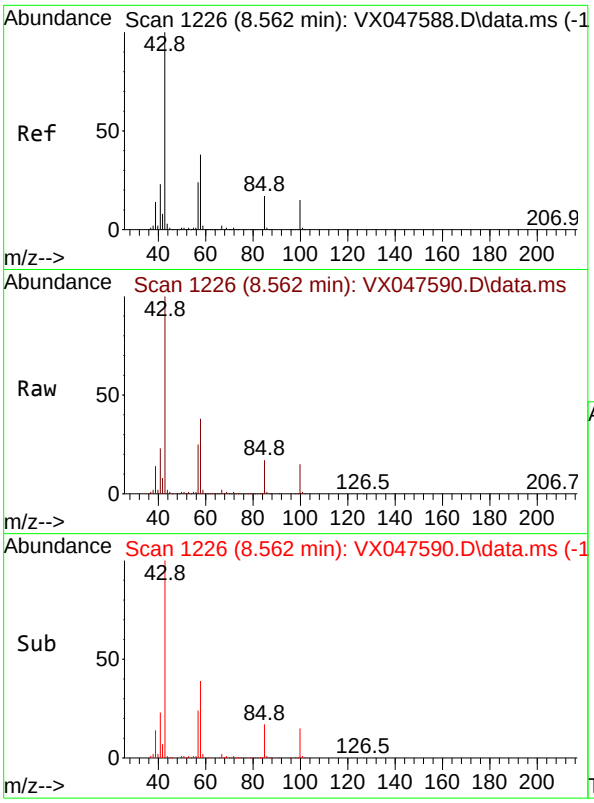


#50
Toluene-d8
Concen: 163.253 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 98 Resp: 1041079

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.0	79.4



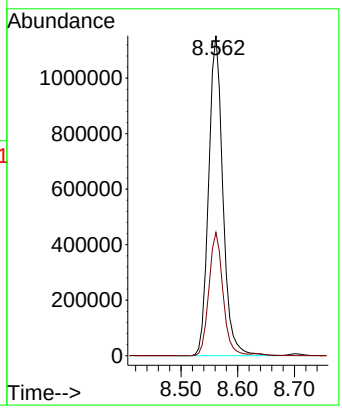


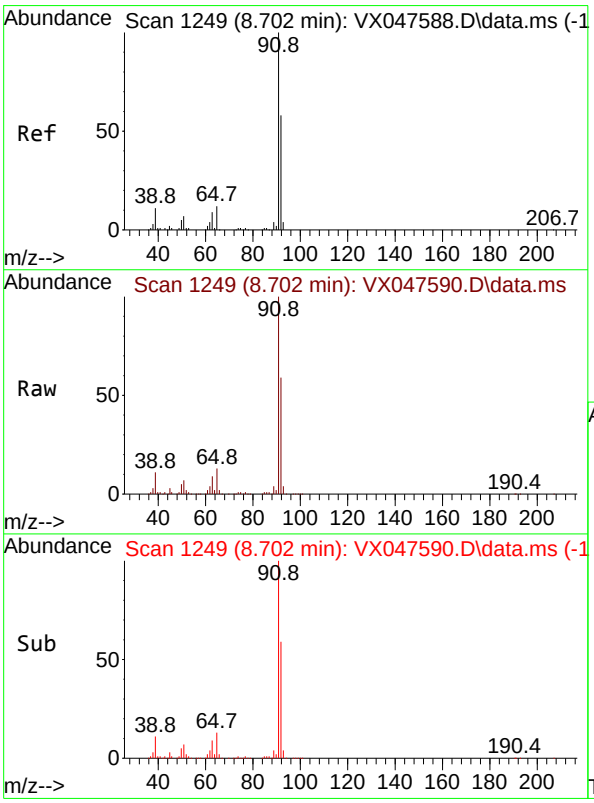
#51
4-Methyl-2-Pentanone
Concen: 765.849 ug/l
RT: 8.562 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 2008063

Ion	Ratio	Lower	Upper
43	100		
58	38.0	30.3	45.5

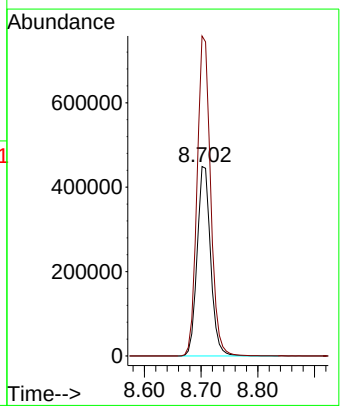


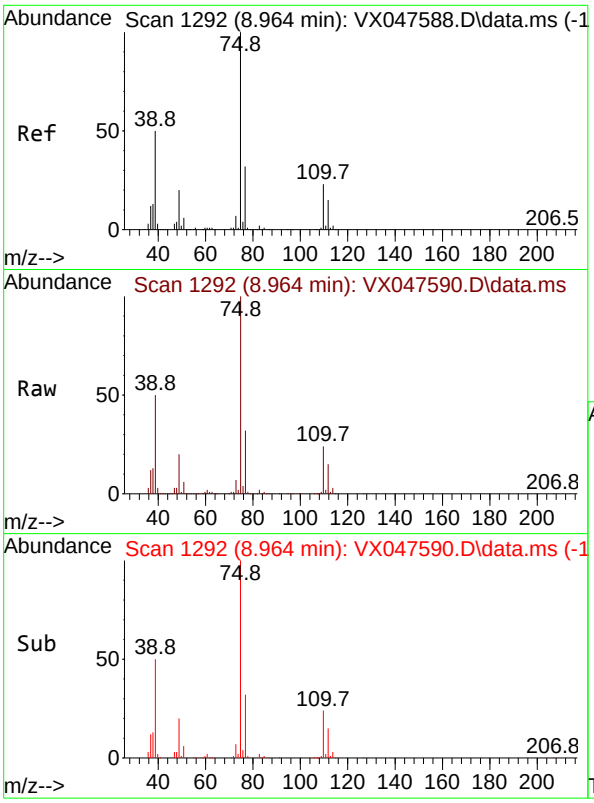


#52
Toluene
Concen: 146.712 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 92 Resp: 739332

Ion	Ratio	Lower	Upper
92	100		
91	169.5	137.1	205.7



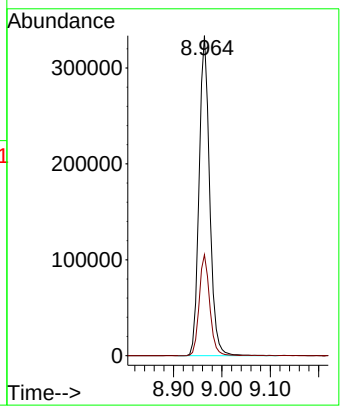


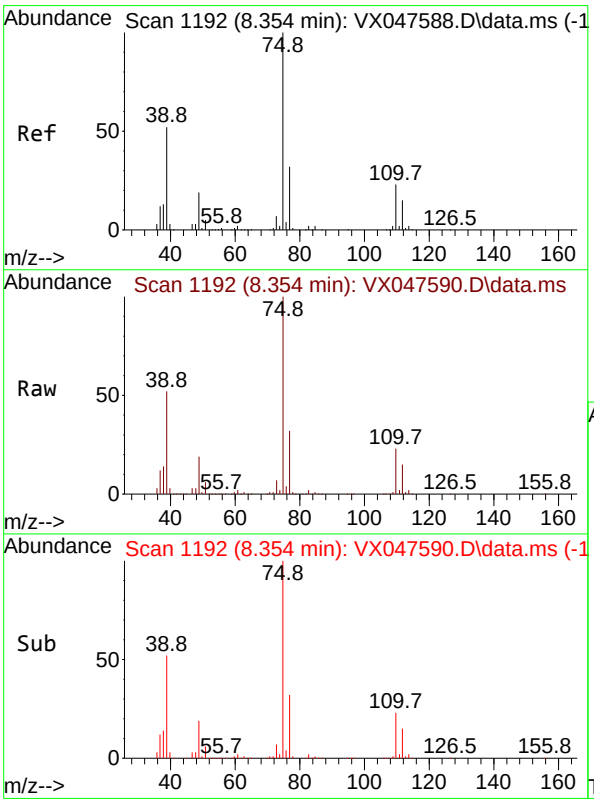
#53
t-1,3-Dichloropropene
Concen: 157.076 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 503912

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2

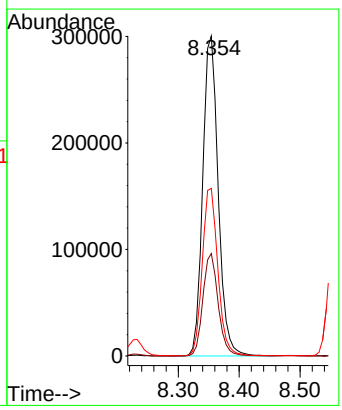


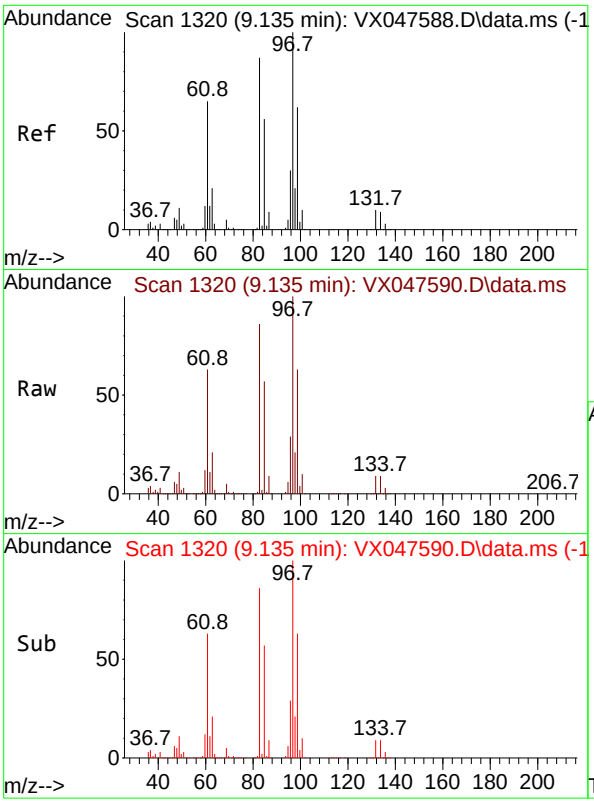


#54
cis-1,3-Dichloropropene
Concen: 154.732 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



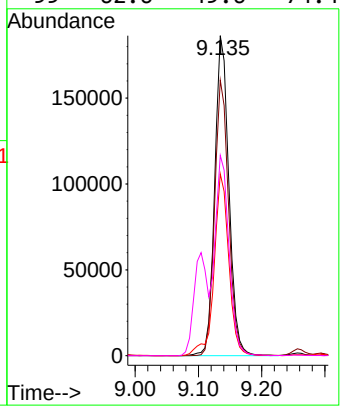


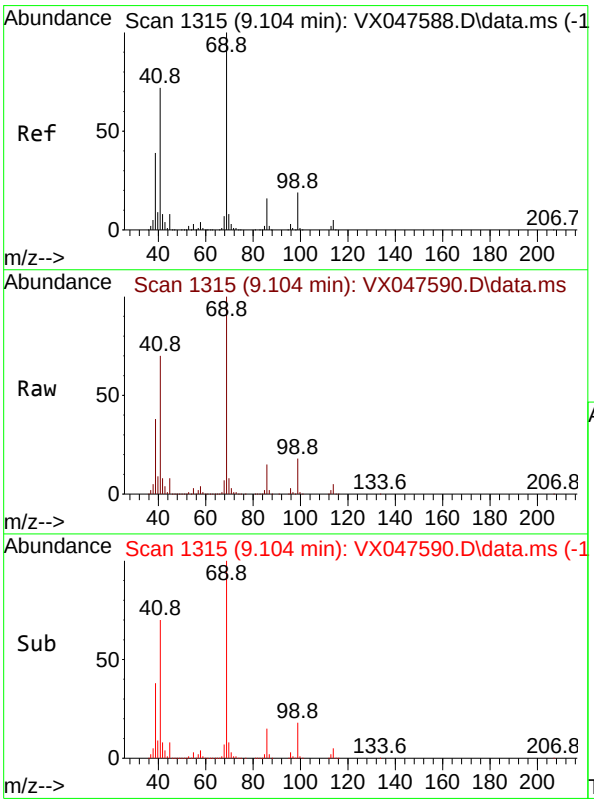
#55
1,1,2-Trichloroethane
Concen: 148.781 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 97 Resp: 289103

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

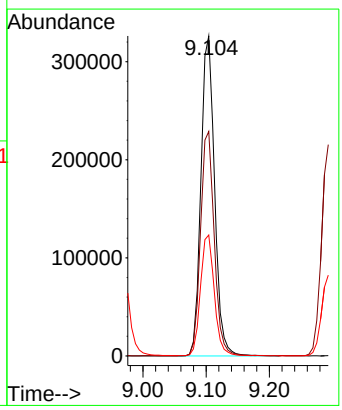


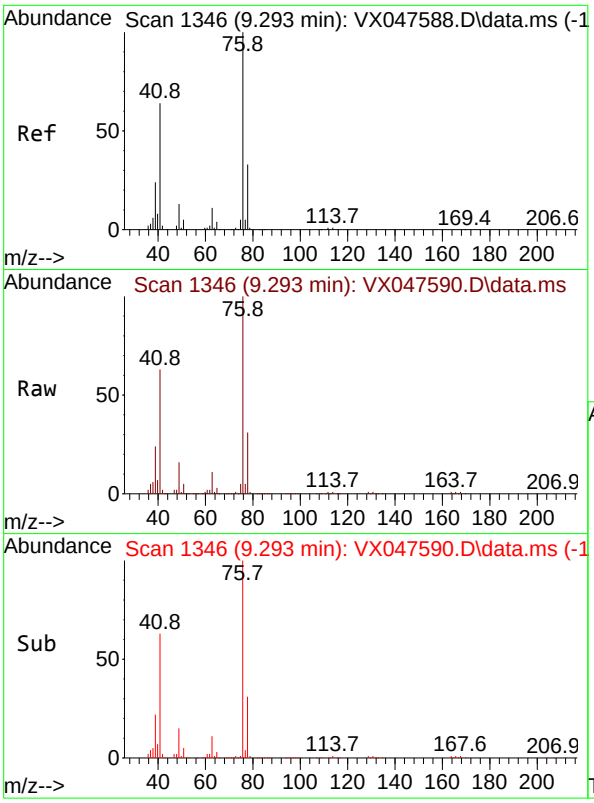


#56
Ethyl methacrylate
Concen: 160.773 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



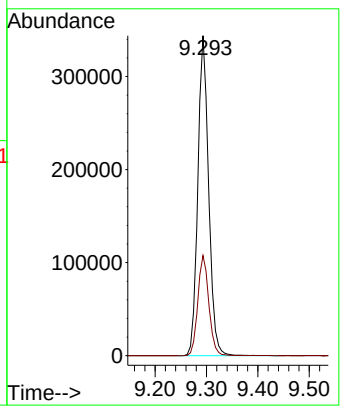


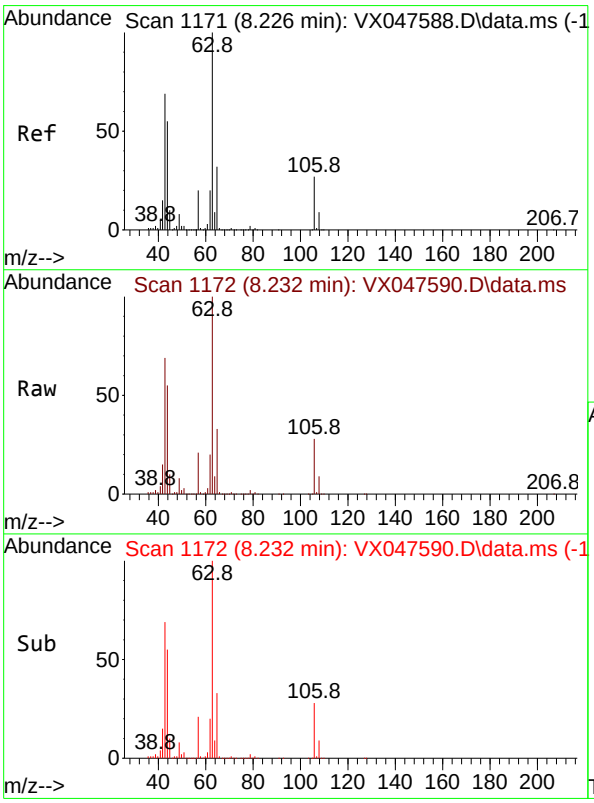
#57
1,3-Dichloropropane
Concen: 150.426 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 76 Resp: 502121

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

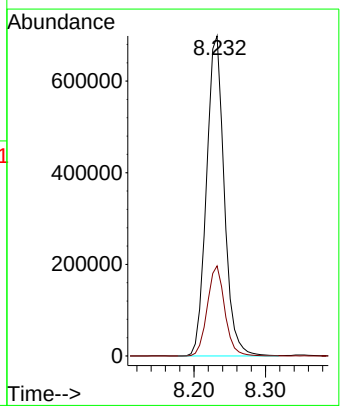


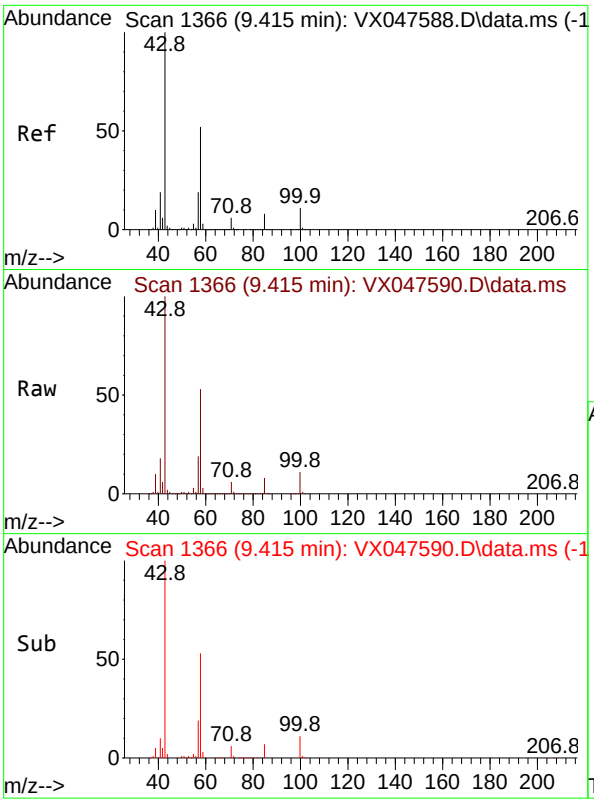


#58
2-Chloroethyl Vinyl ether
Concen: 749.661 ug/l
RT: 8.232 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 63 Resp: 1202206

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9



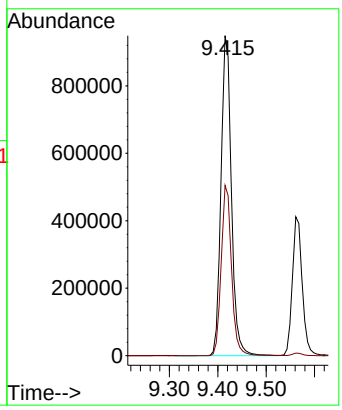


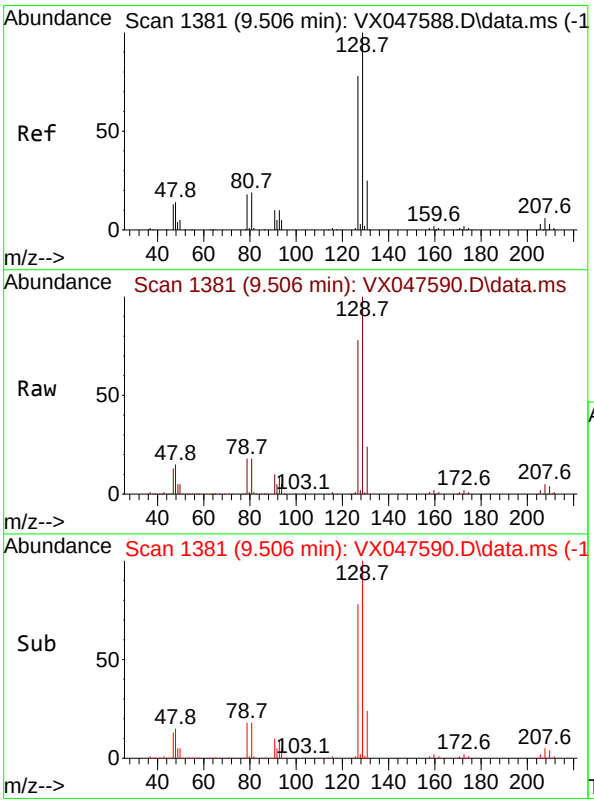
#59
2-Hexanone
Concen: 750.035 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1412417

Ion	Ratio	Lower	Upper
43	100		
58	52.9	26.1	78.2

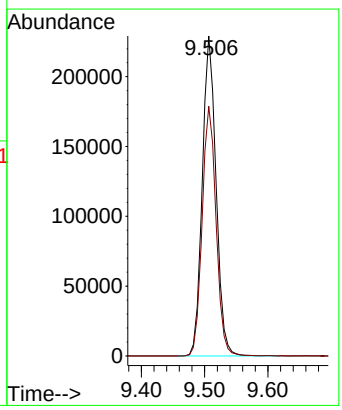


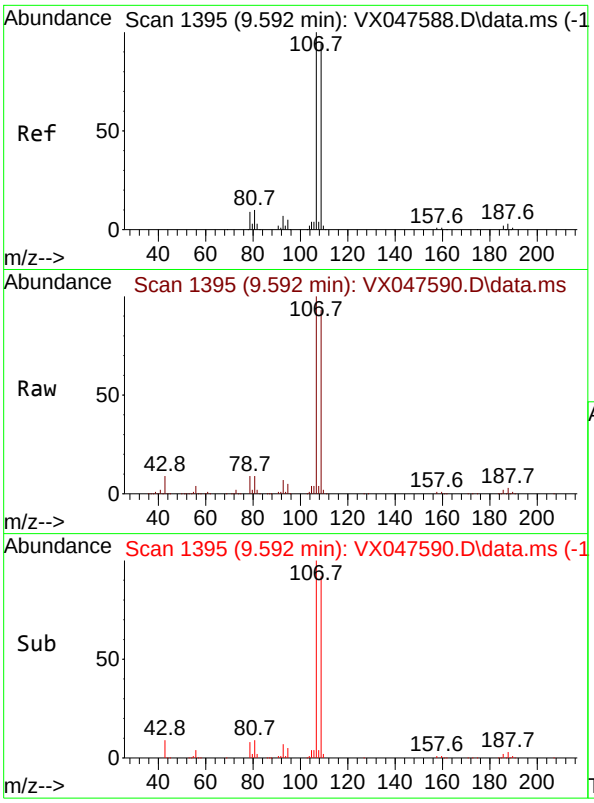


#60
Dibromochloromethane
Concen: 155.318 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:129 Resp: 347748

Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.4	115.2



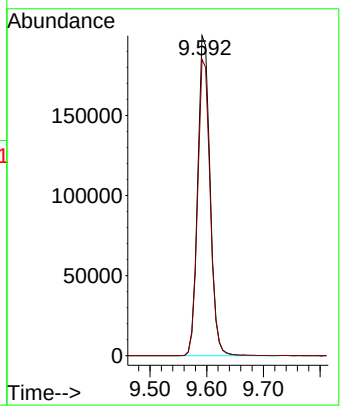


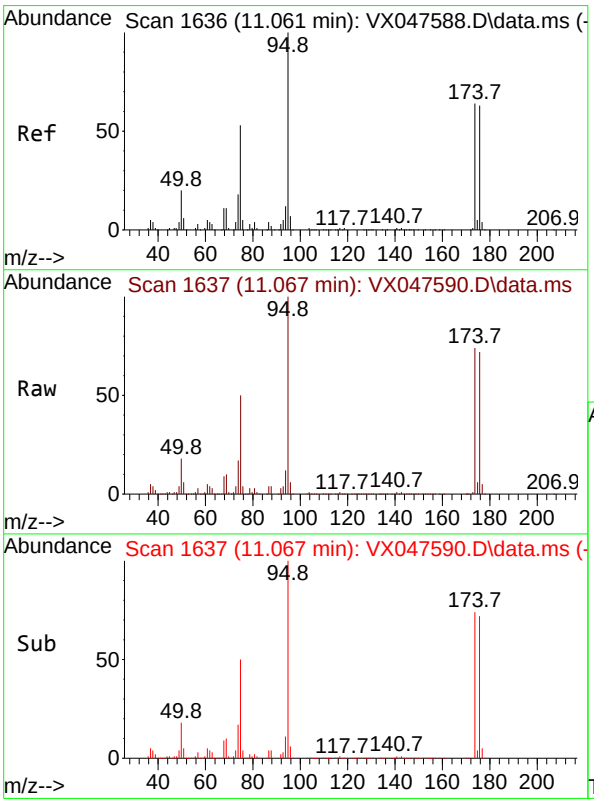
#61
1,2-Dibromoethane
Concen: 152.949 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:107 Resp: 302715

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.3	112.9

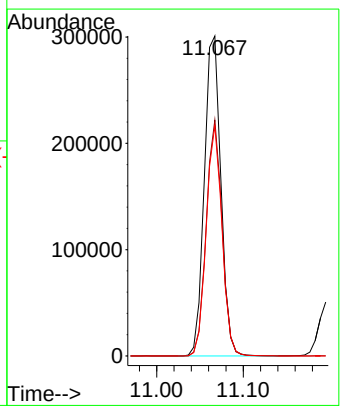


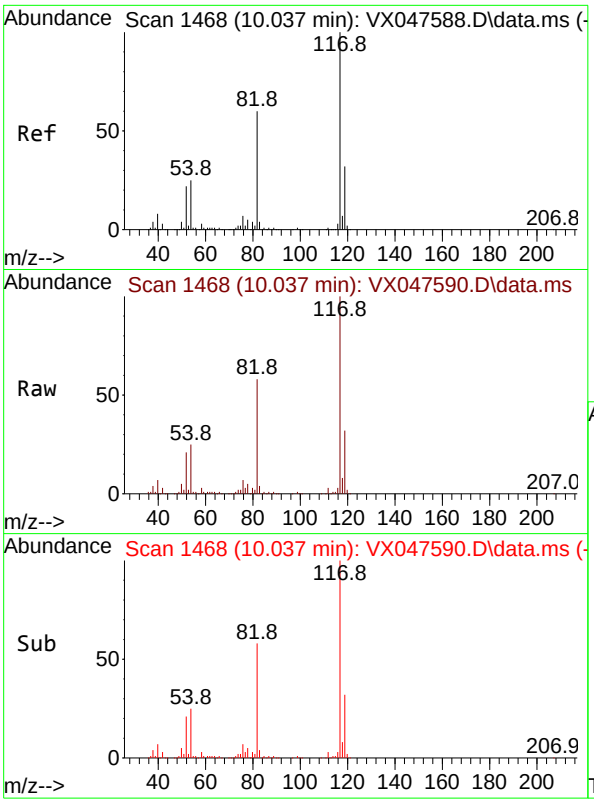


#62
4-Bromofluorobenzene
Concen: 165.020 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



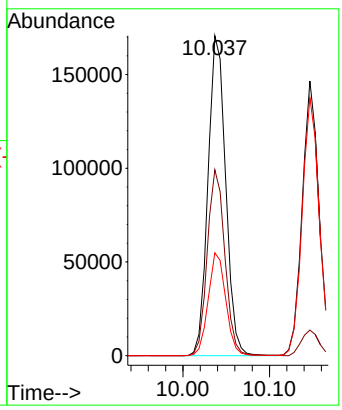


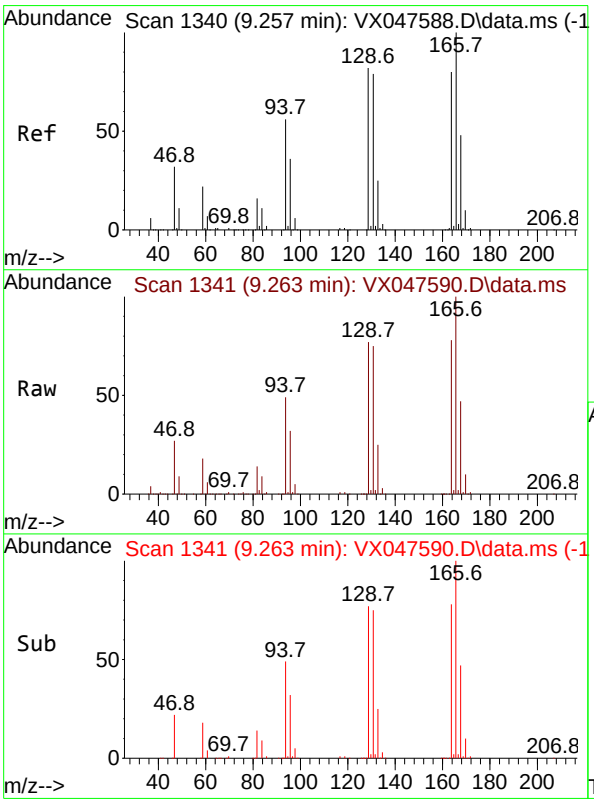
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 241818

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.8	71.6
119	32.2	25.2	37.8

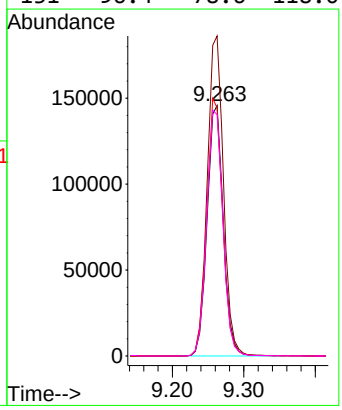


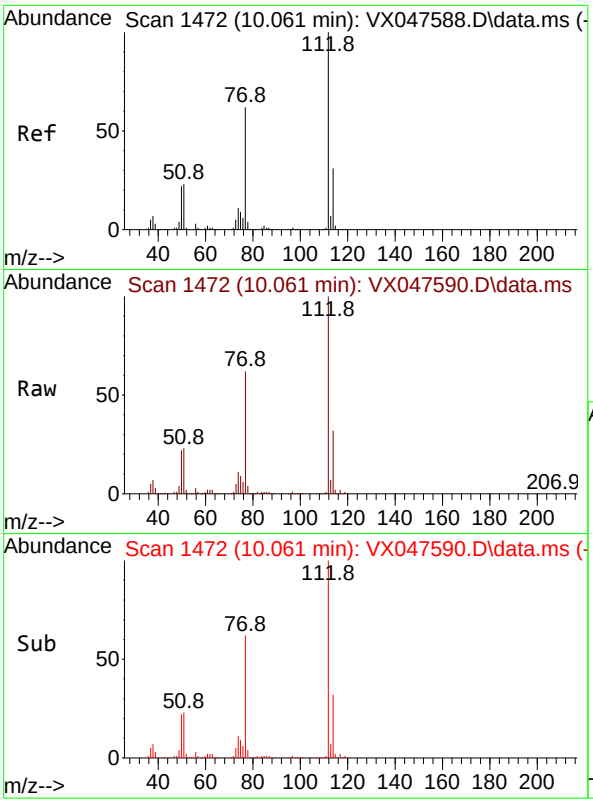


#64
Tetrachloroethene
Concen: 144.590 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



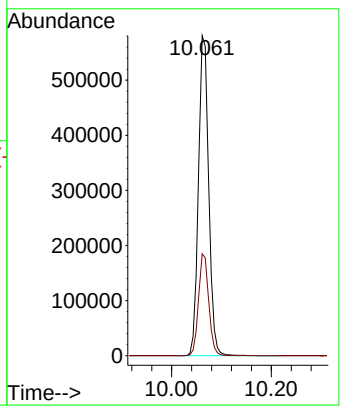


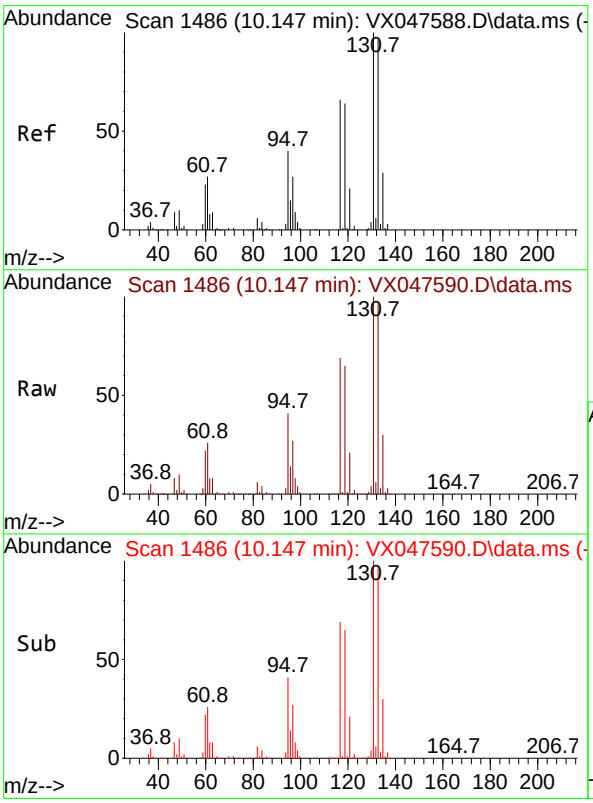
#65
Chlorobenzene
Concen: 150.763 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 828239

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.1	37.7

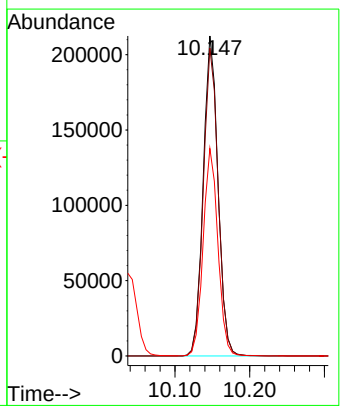


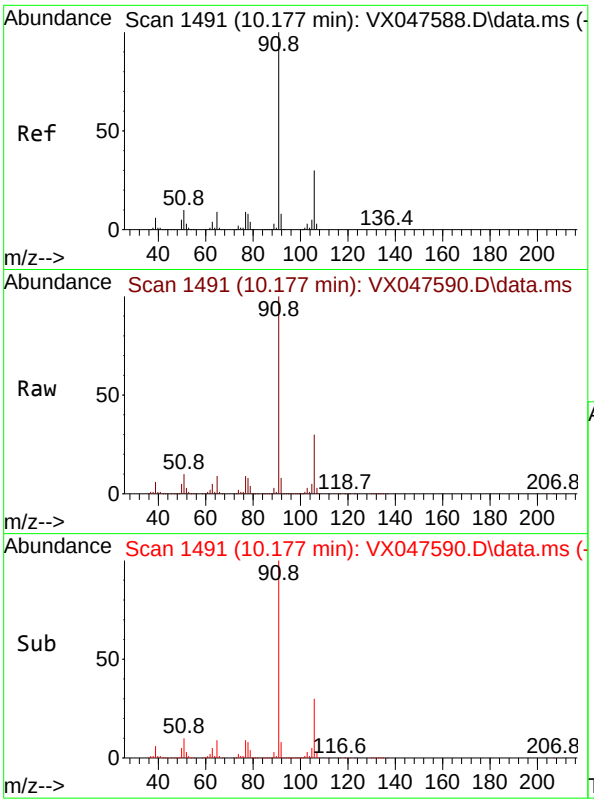


#66
1,1,1,2-Tetrachloroethane
Concen: 153.733 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



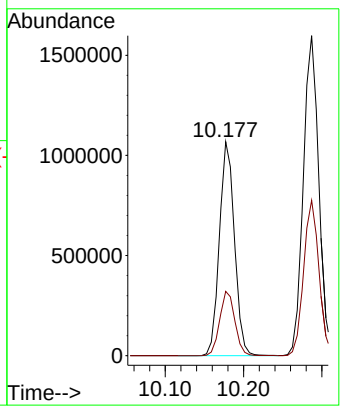


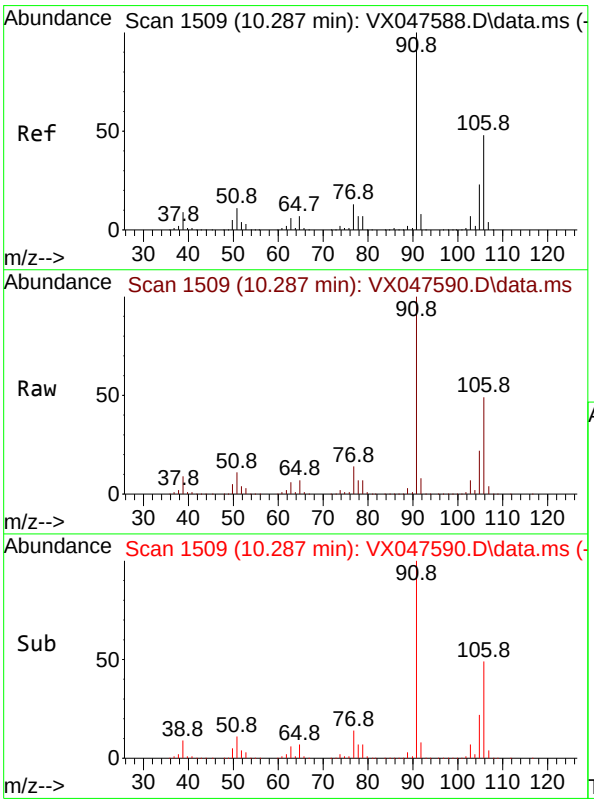
#67
Ethyl Benzene
Concen: 151.026 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1431554

Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.3	36.5

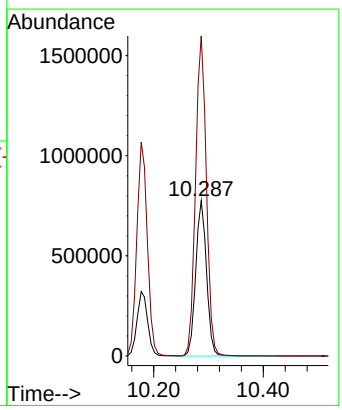


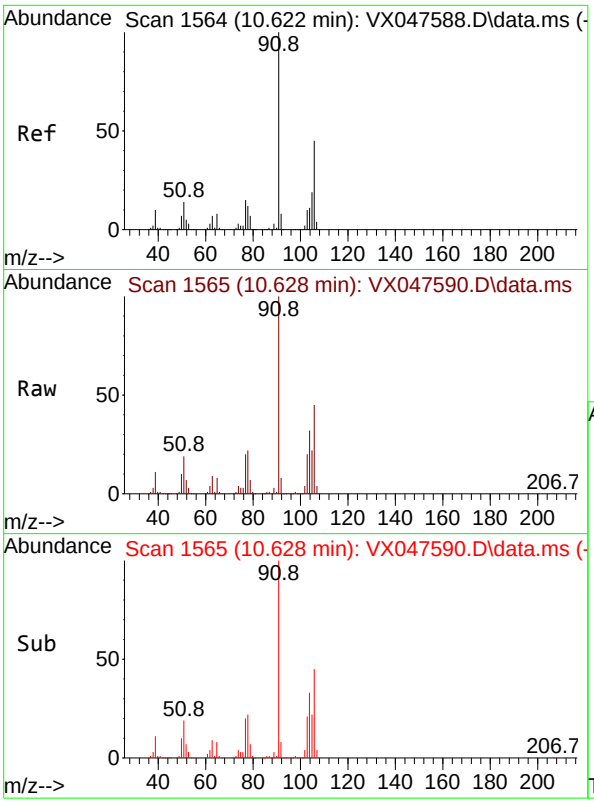


#68
m/p-Xylenes
Concen: 300.381 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:106 Resp: 1059776

Ion	Ratio	Lower	Upper
106	100		
91	208.0	167.8	251.8



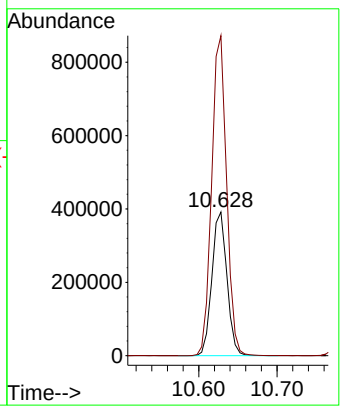


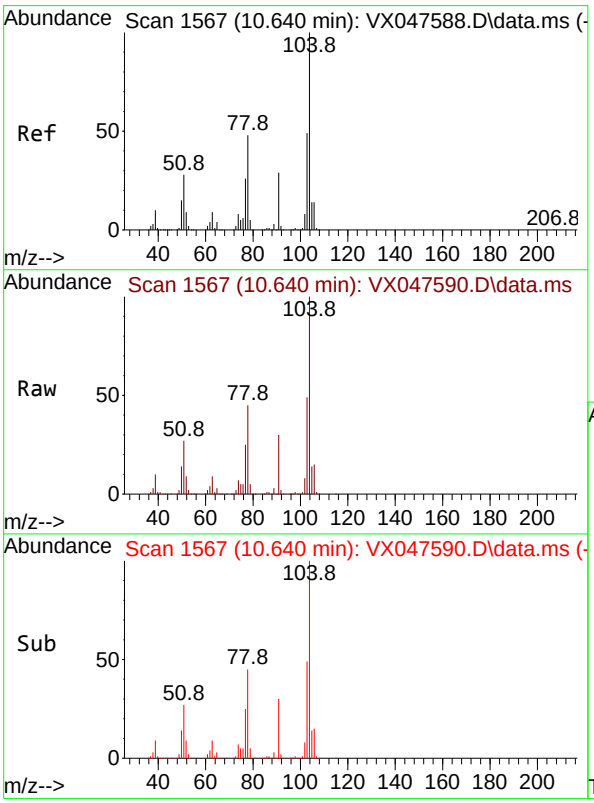
#69
o-Xylene
Concen: 152.920 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 521840

Ion	Ratio	Lower	Upper
106	100		
91	220.7	111.1	333.4

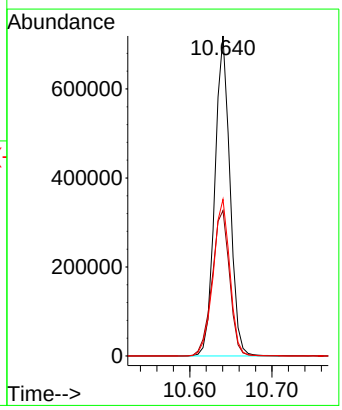


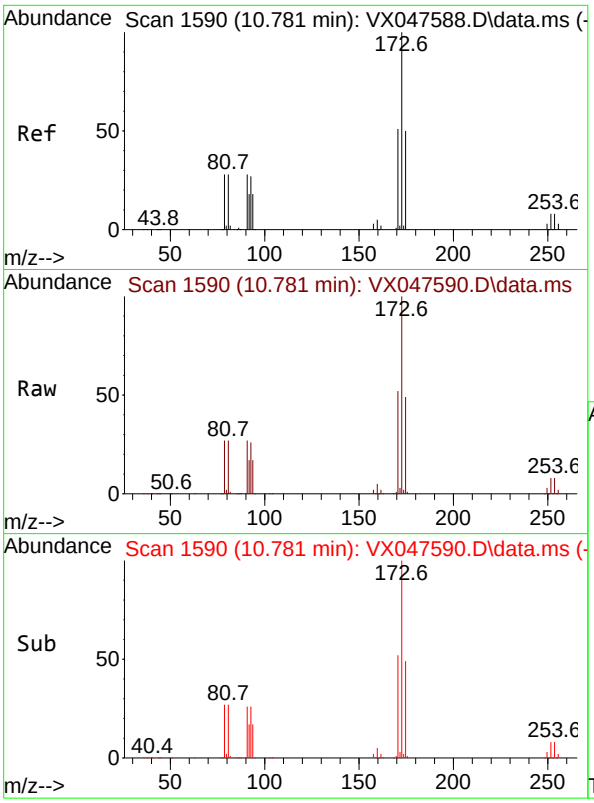


#70
Styrene
Concen: 153.449 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



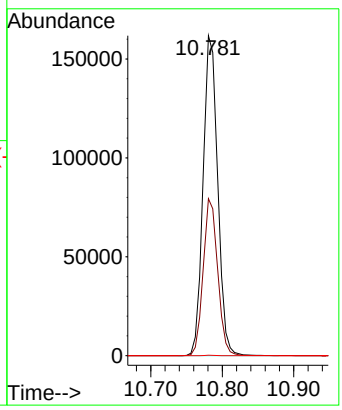


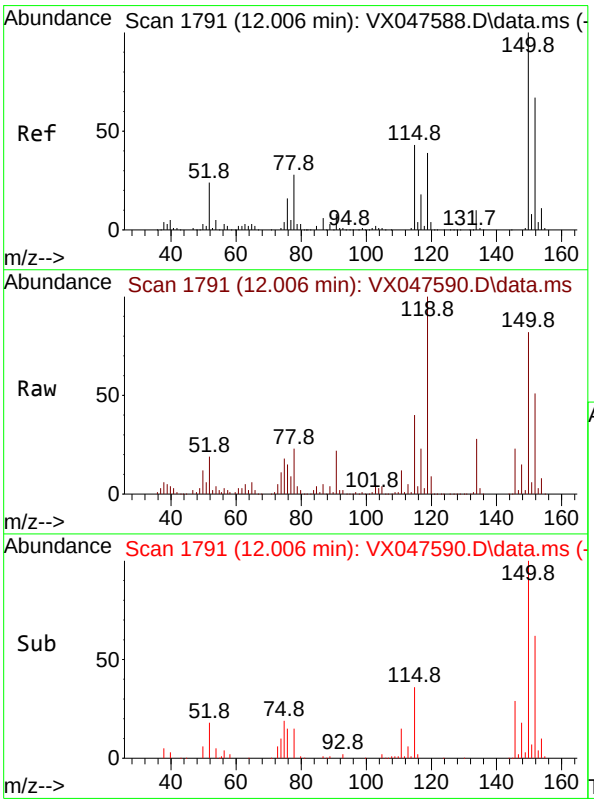
#71
Bromoform
Concen: 162.262 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:173 Resp: 229683

Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.9	74.6
254	0.1	0.1	0.1

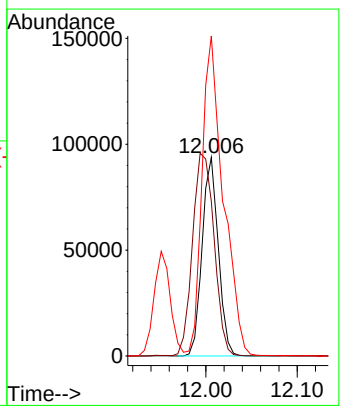


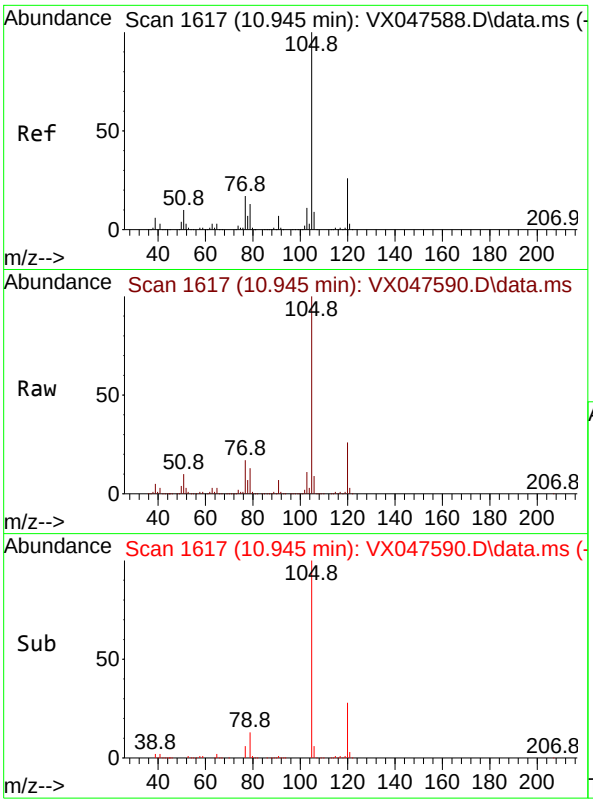


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



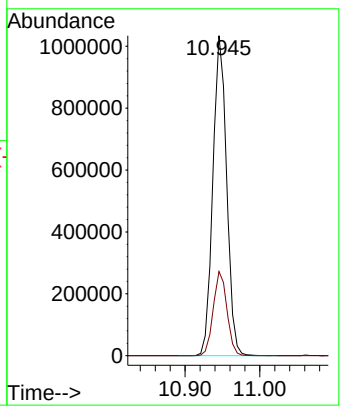


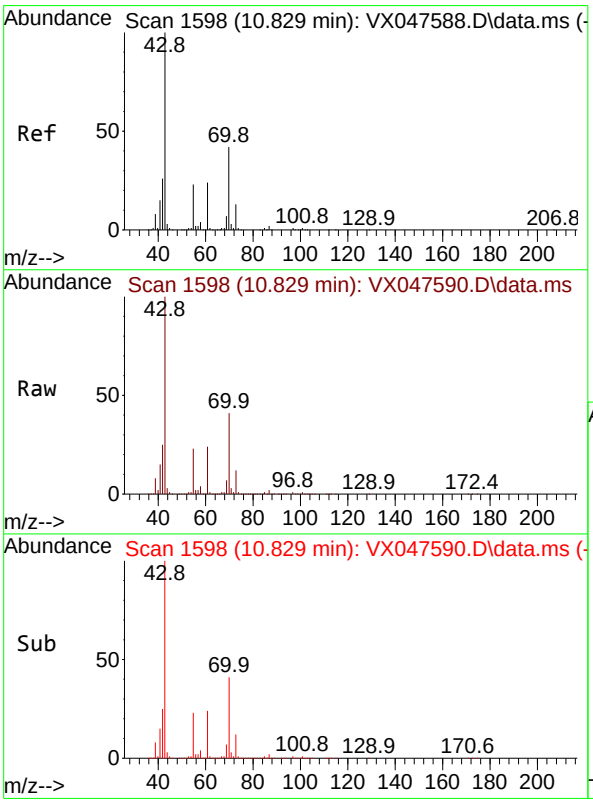
#73
Isopropylbenzene
Concen: 151.477 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1321409

Ion	Ratio	Lower	Upper
105	100		
120	26.2	12.8	38.4

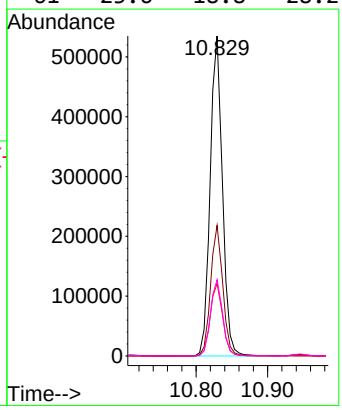


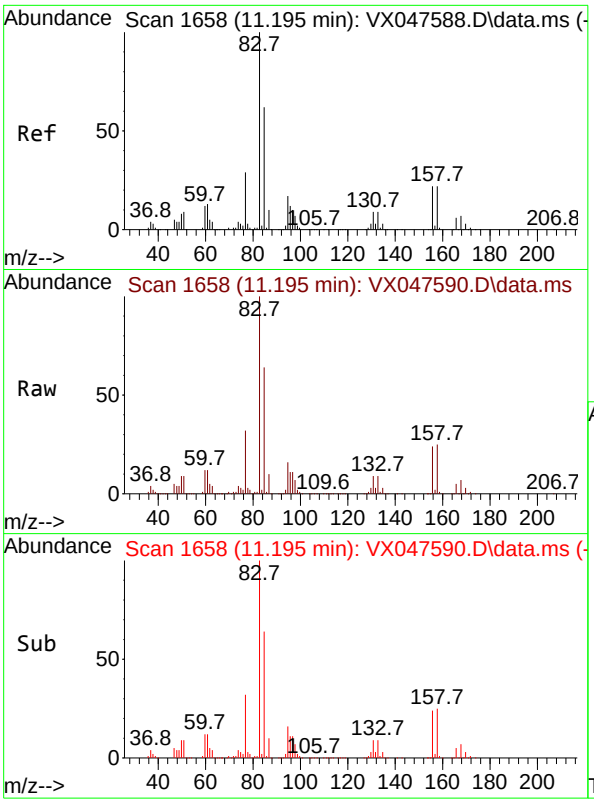


#74
N-amyl acetate
Concen: 160.099 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



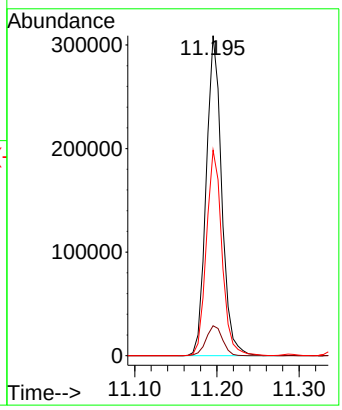


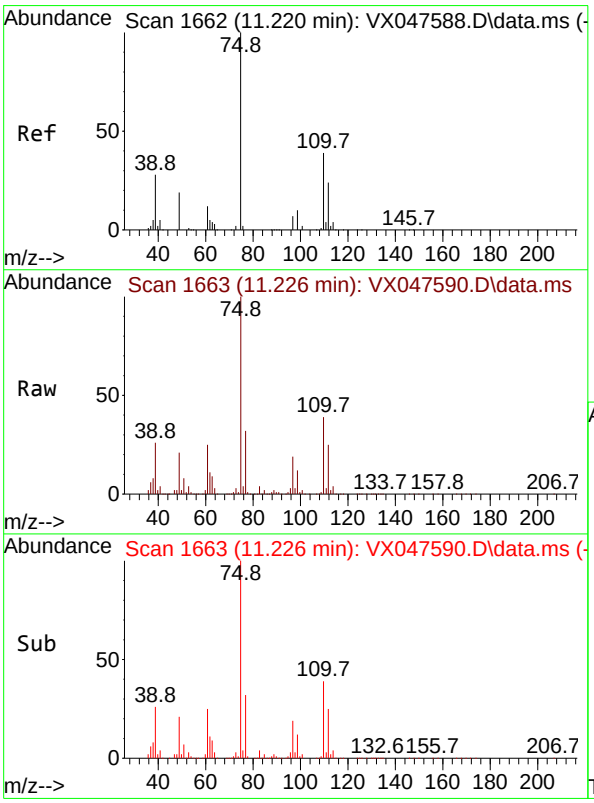
#75
1,1,2,2-Tetrachloroethane
Concen: 153.035 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 403906

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.6	31.6	95.0

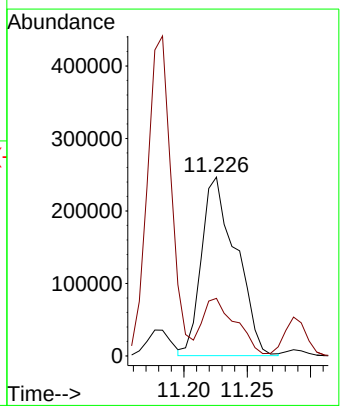


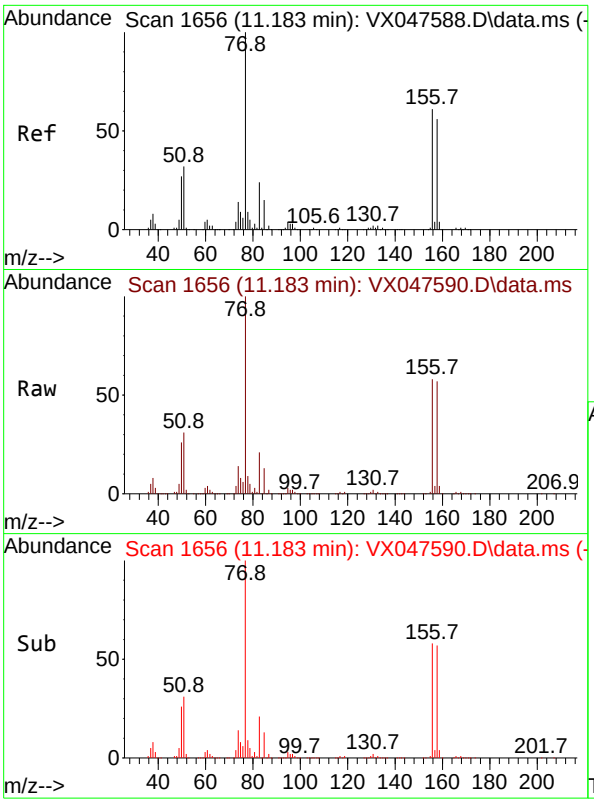


#76
1,2,3-Trichloropropane
Concen: 202.576 ug/l
RT: 11.226 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 75 Resp: 470623

Ion	Ratio	Lower	Upper
75	100		
77	30.8	18.8	56.4



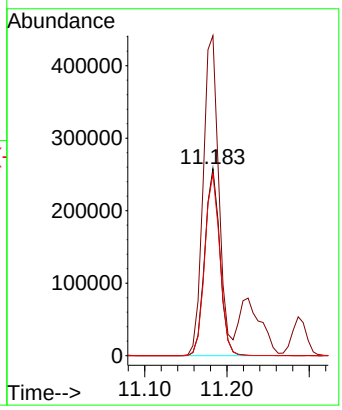


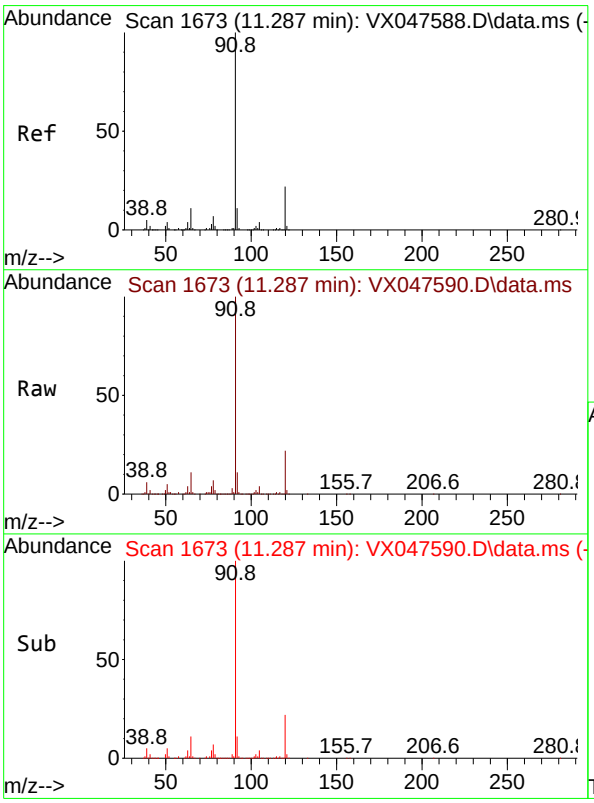
#77
Bromobenzene
Concen: 152.818 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 328336

Ion	Ratio	Lower	Upper
156	100		
77	178.2	89.7	269.1
158	97.5	47.9	143.6

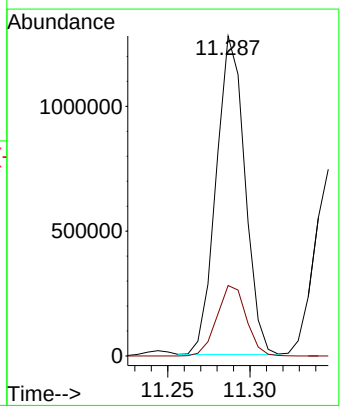


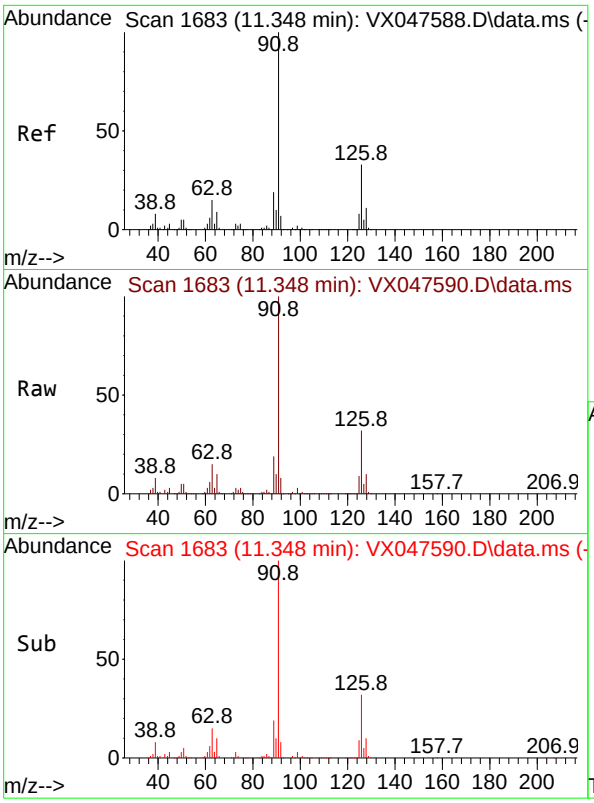


#78
n-propylbenzene
Concen: 150.337 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1550316

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.1



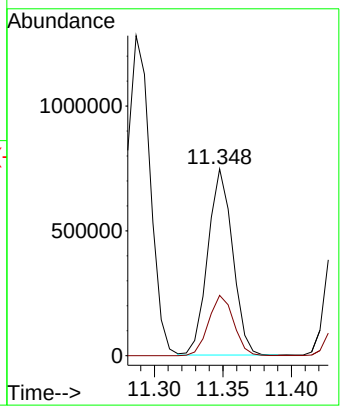


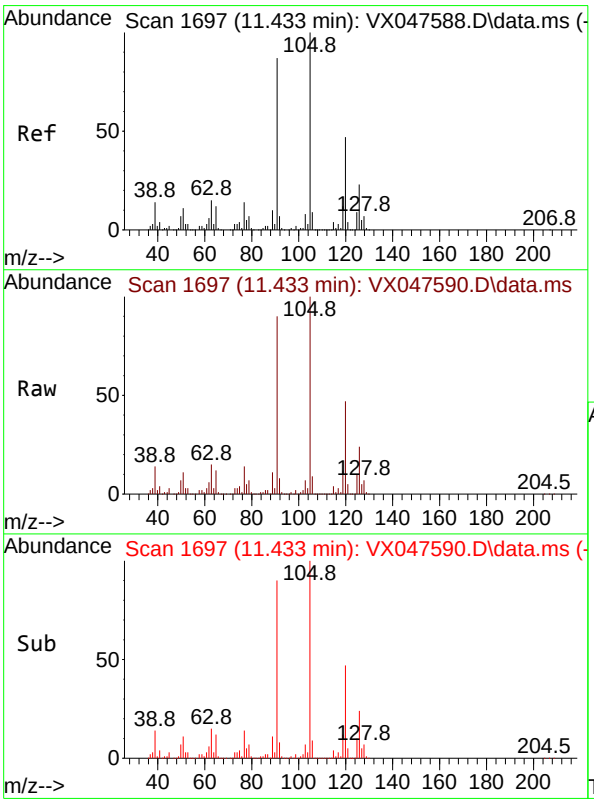
#79
2-Chlorotoluene
Concen: 148.781 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 939707

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

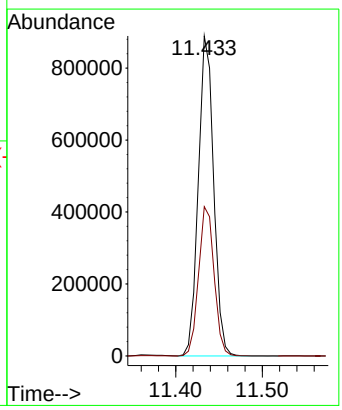


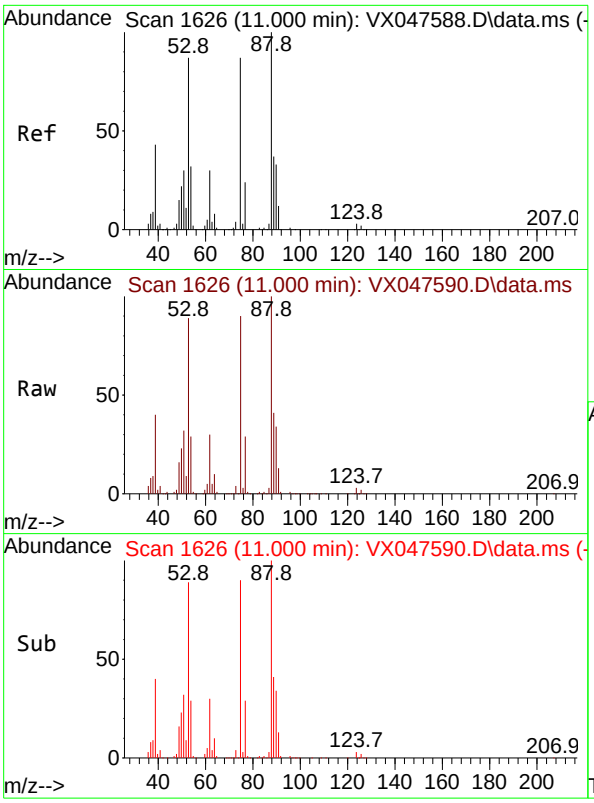


#80
1,3,5-Trimethylbenzene
Concen: 152.306 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1091593

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8



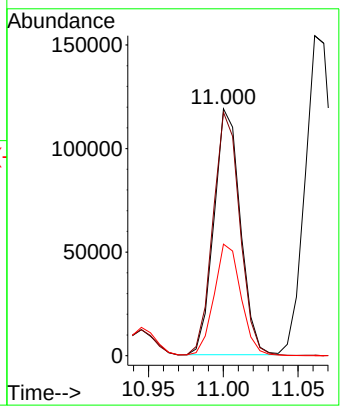


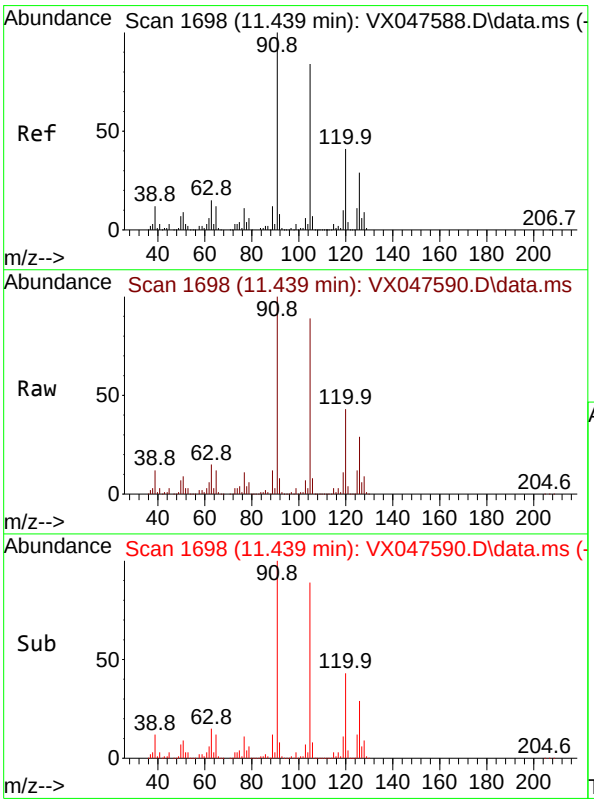
#81
trans-1,4-Dichloro-2-butene
Concen: 160.176 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 75 Resp: 145921

Ion	Ratio	Lower	Upper
75	100		
53	100.8	83.4	125.2
89	46.3	36.3	54.5

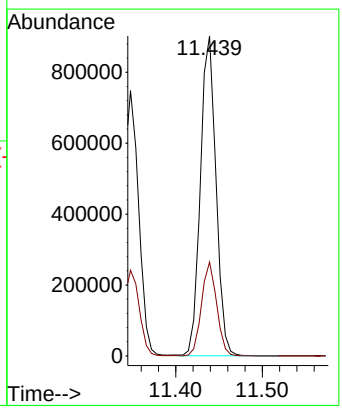


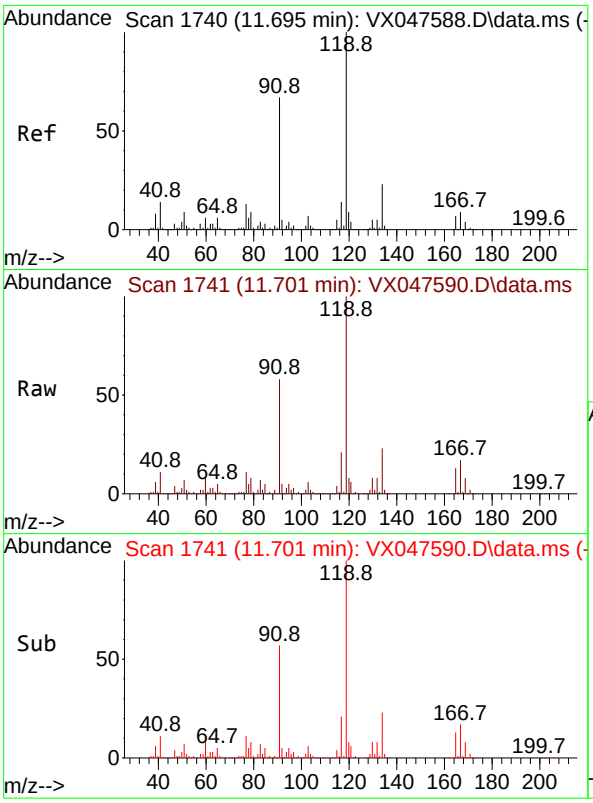


#82
4-Chlorotoluene
Concen: 151.112 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion: 91 Resp: 1127233

Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.2	42.6



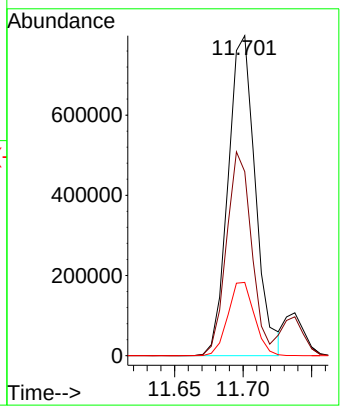


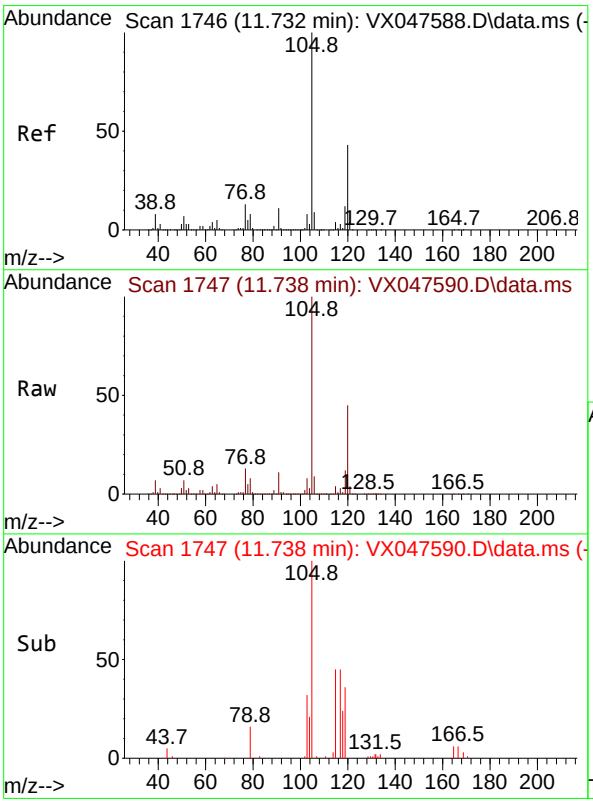
#83
tert-Butylbenzene
Concen: 150.819 ug/l
RT: 11.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 1106532

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0

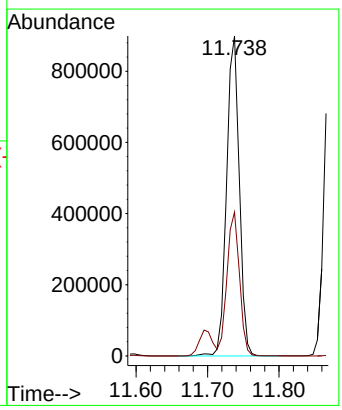


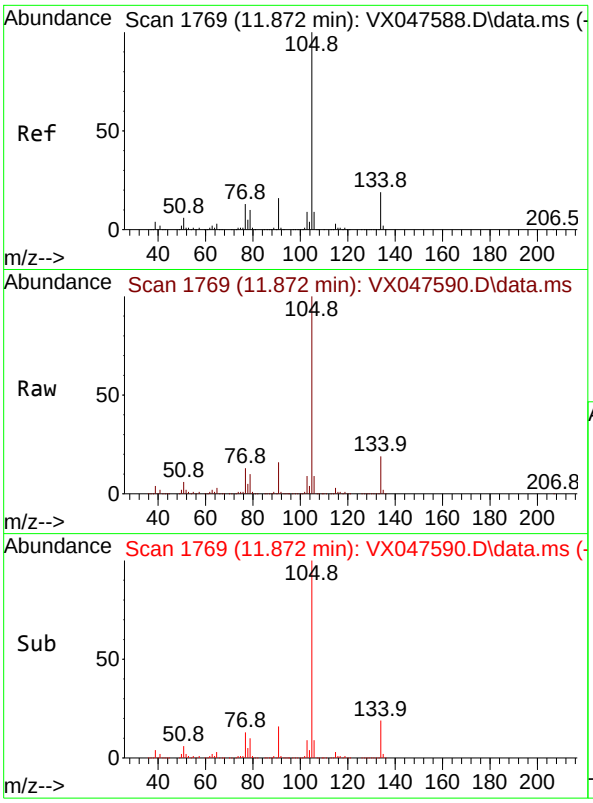


#84
1,2,4-Trimethylbenzene
Concen: 152.336 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:105 Resp: 1106914

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1



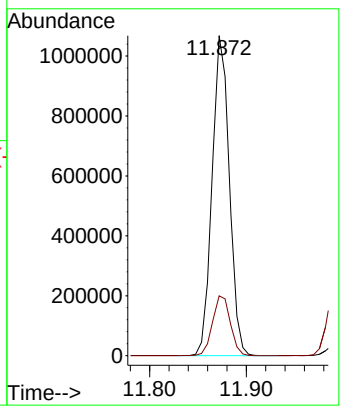


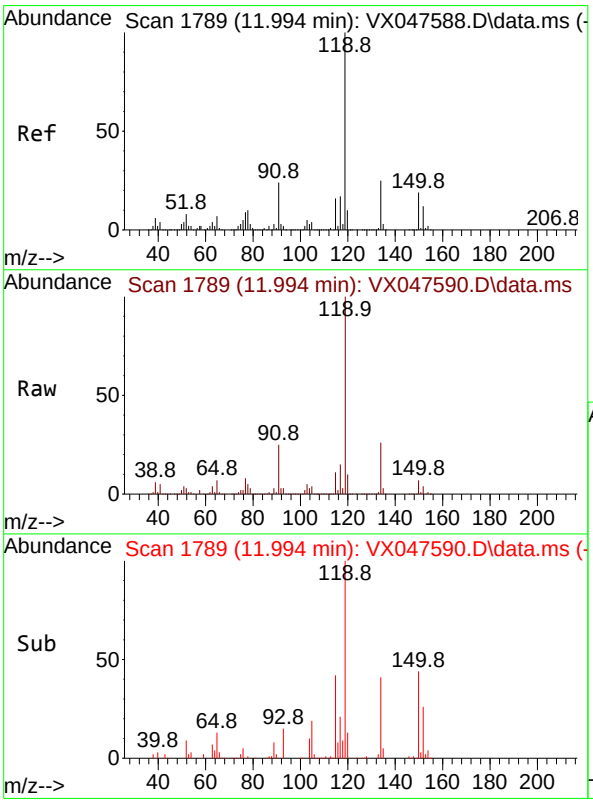
#85
sec-Butylbenzene
Concen: 151.448 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1319819

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.8	29.5

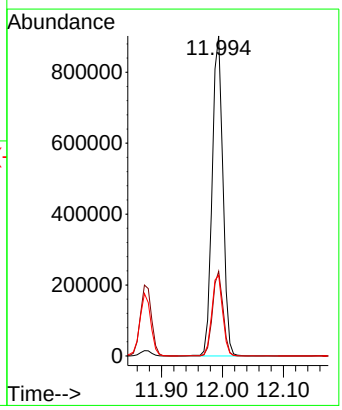


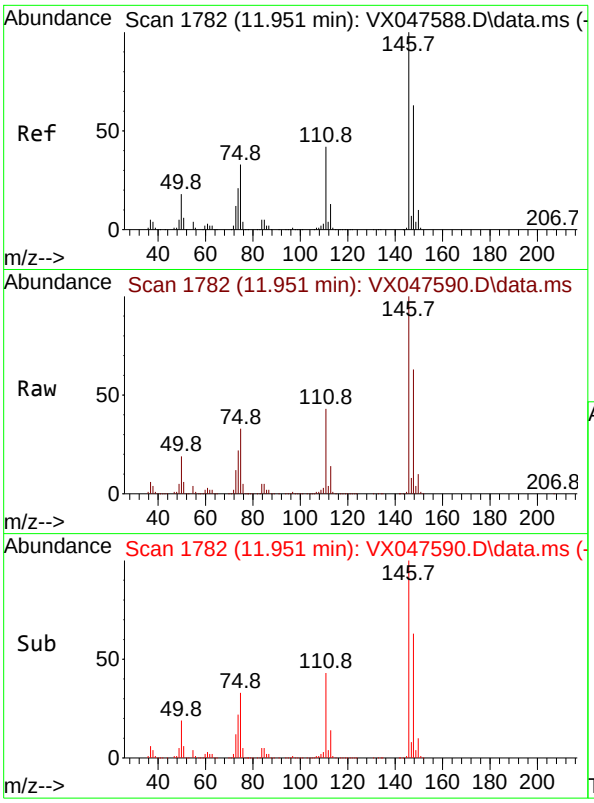


#86
p-Isopropyltoluene
Concen: 149.530 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



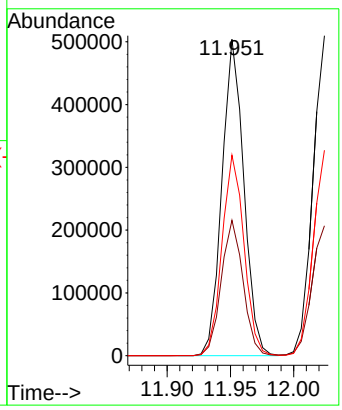


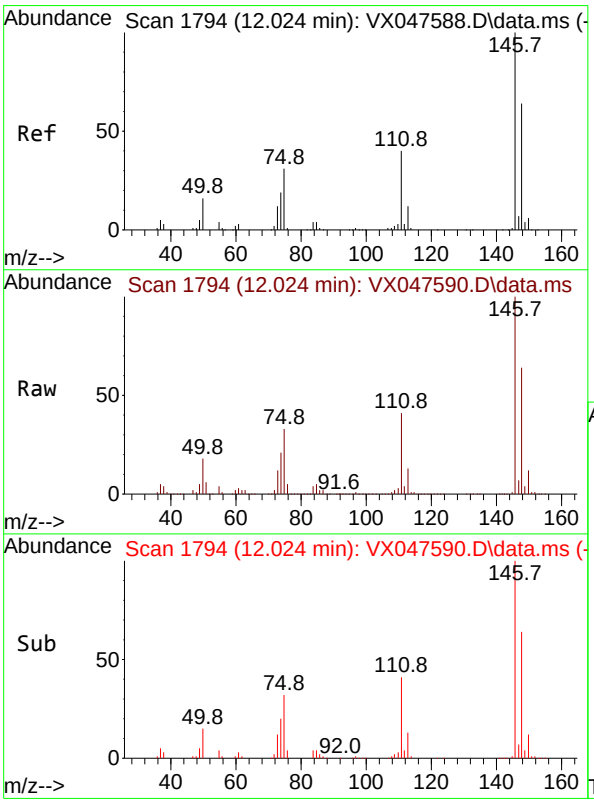
#87
1,3-Dichlorobenzene
Concen: 151.633 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 605123

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	63.8	32.0	96.0

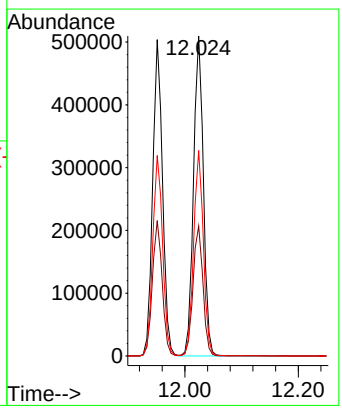


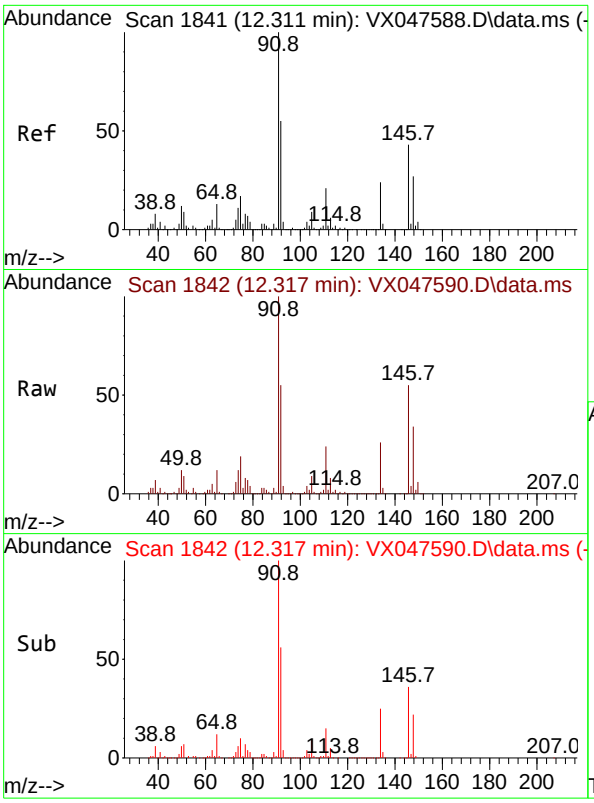


#88
1,4-Dichlorobenzene
Concen: 149.814 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



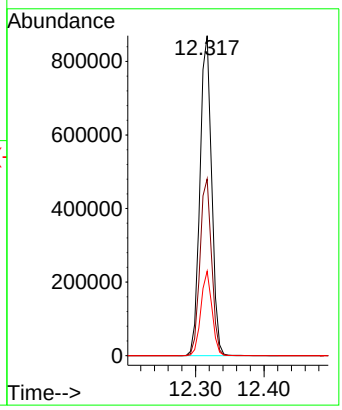


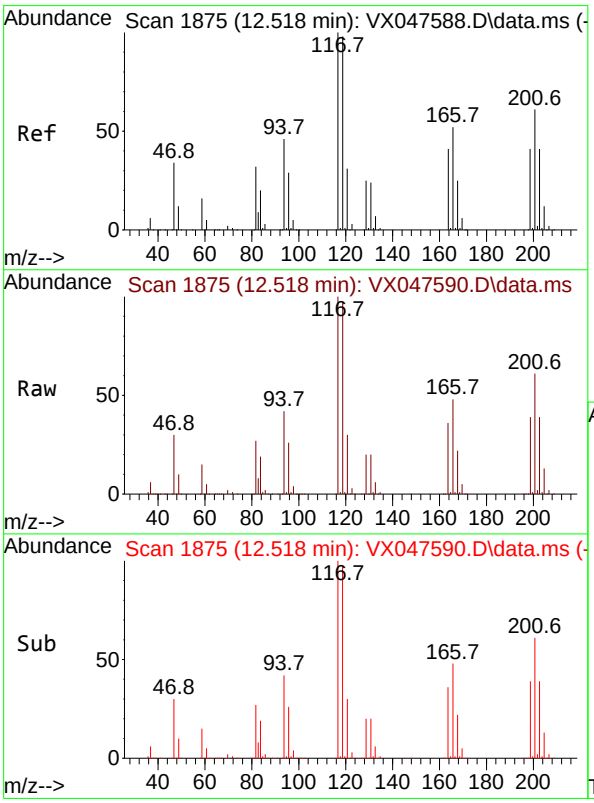
#89
n-Butylbenzene
Concen: 151.222 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 1032357

Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.2	12.6	37.8

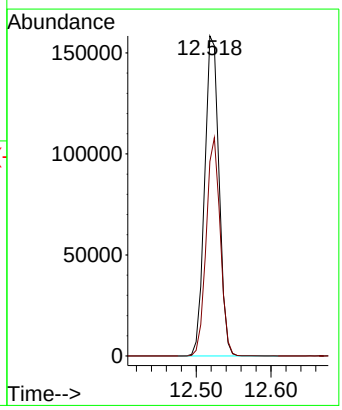


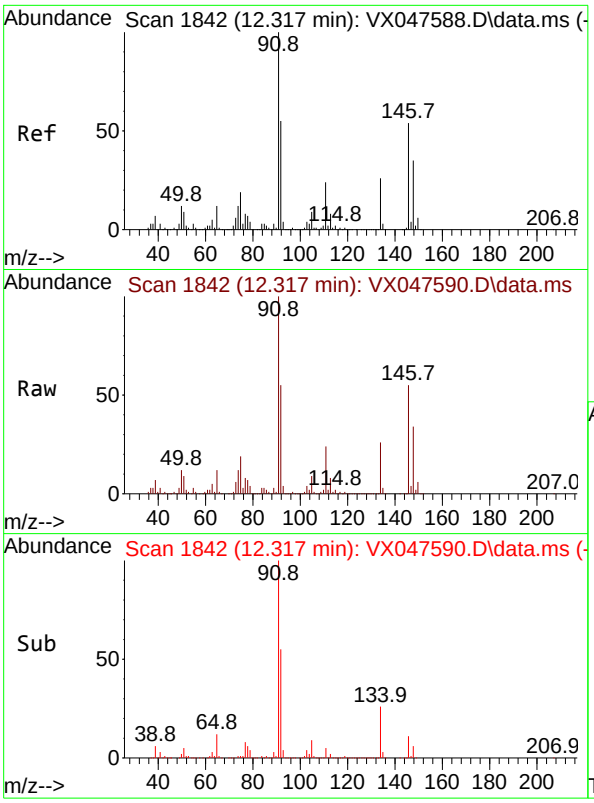


#90
Hexachloroethane
Concen: 163.258 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Tgt Ion:117 Resp: 211472

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5



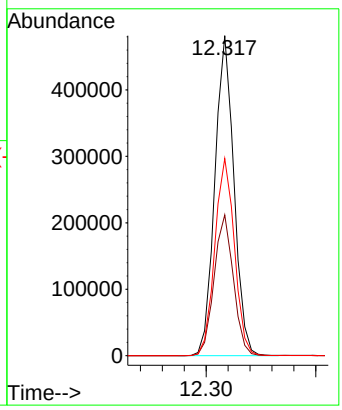


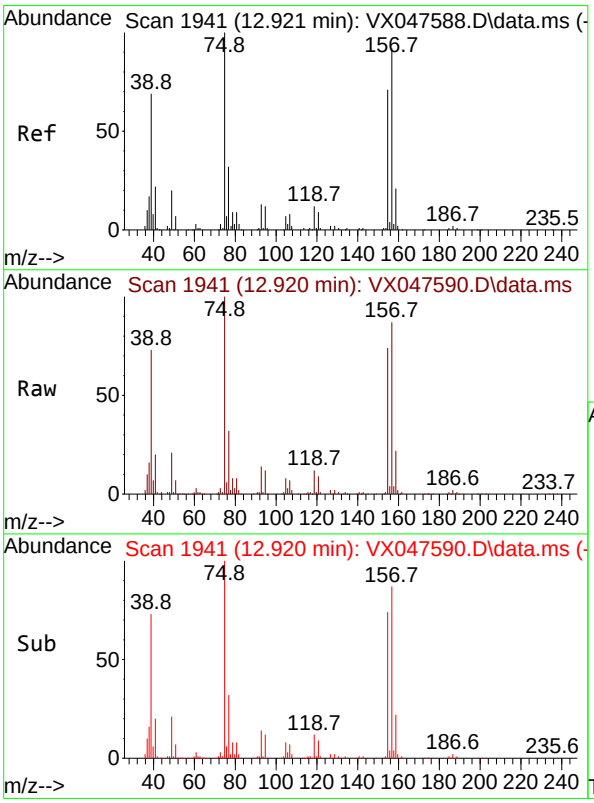
#91
1,2-Dichlorobenzene
Concen: 153.227 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:146 Resp: 582565

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.2	66.6
148	63.5	31.8	95.4

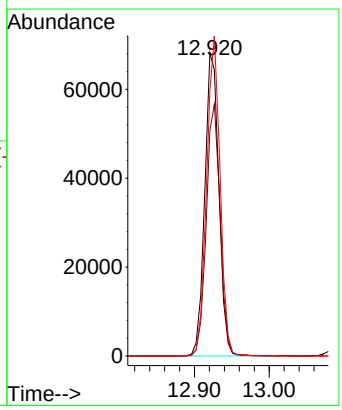


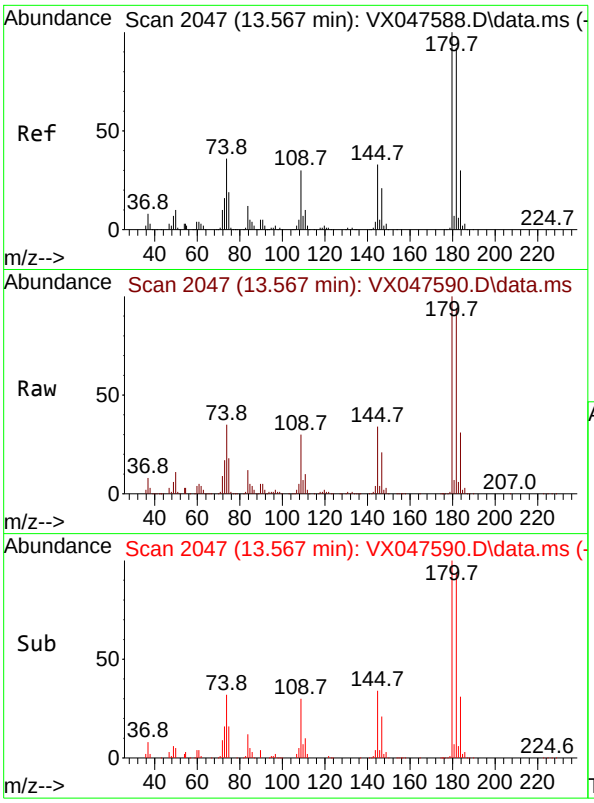


#92
1,2-Dibromo-3-Chloropropane
Concen: 167.332 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



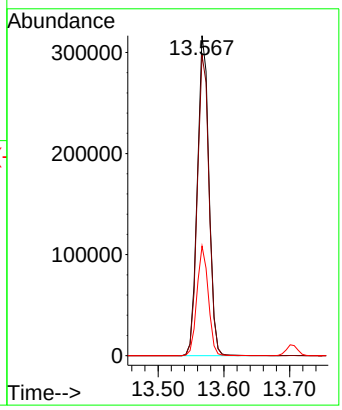


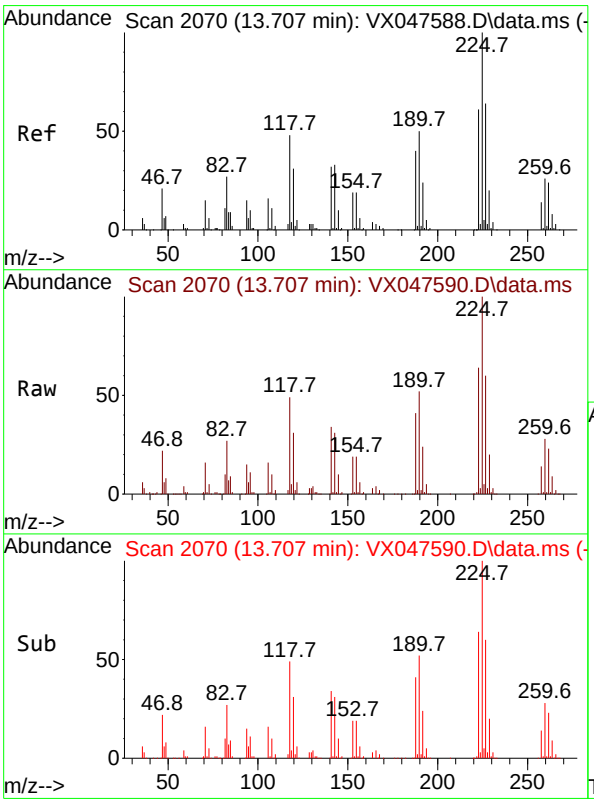
#93
1,2,4-Trichlorobenzene
Concen: 156.884 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:180 Resp: 387652

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.6	139.8
145	33.5	16.4	49.1

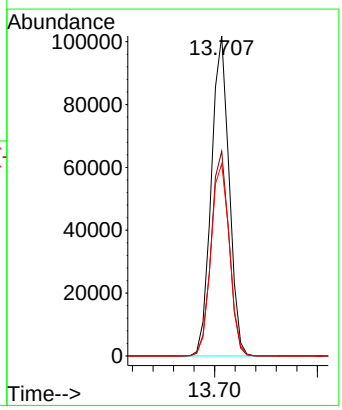


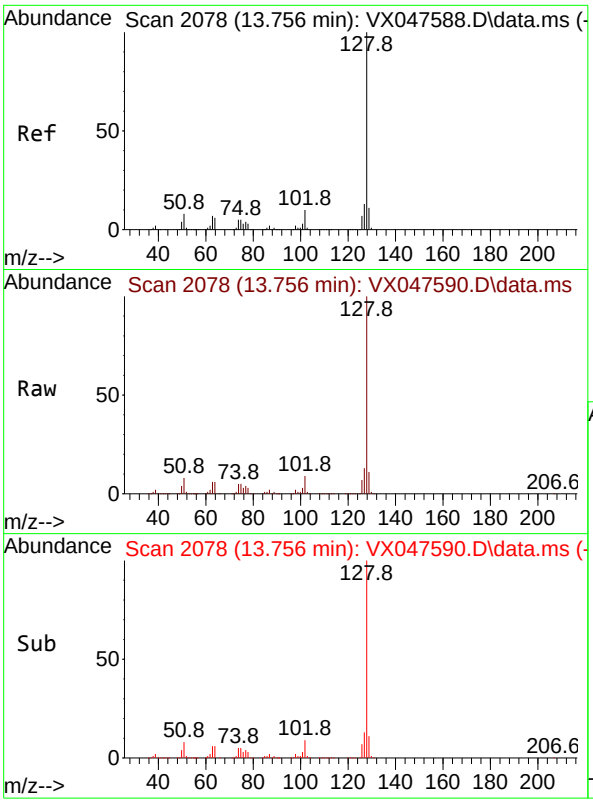


#94
Hexachlorobutadiene
Concen: 145.110 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



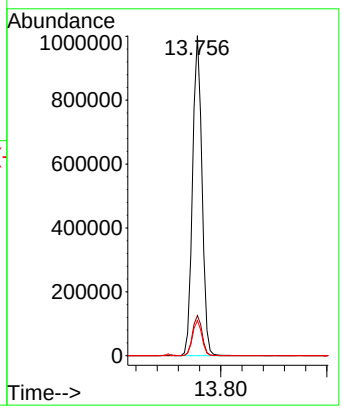


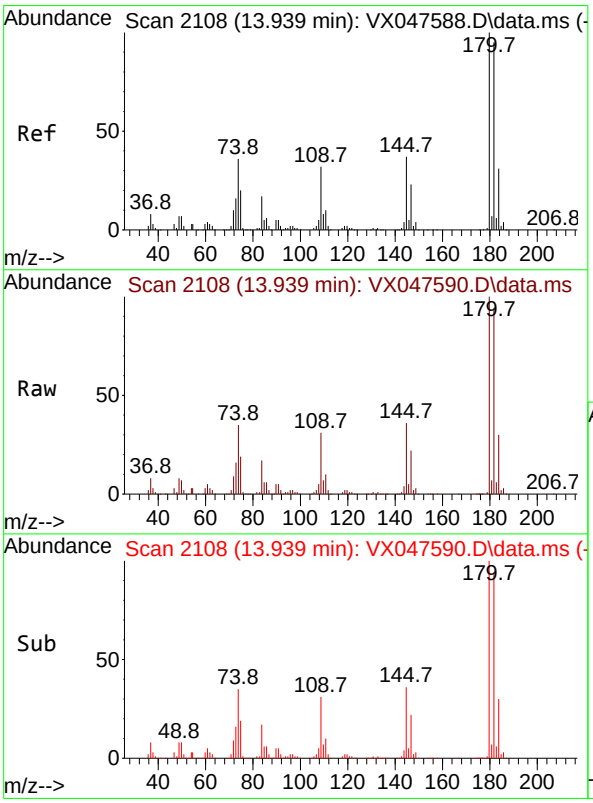
#95
Naphthalene
Concen: 163.388 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 1229363

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2

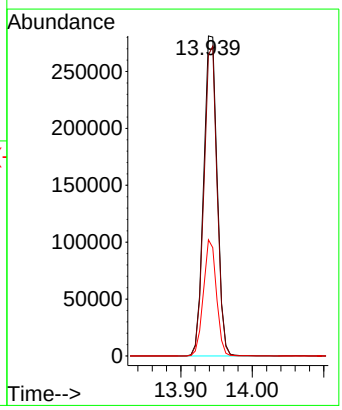




#96
1,2,3-Trichlorobenzene
Concen: 160.704 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047590.D
Acq: 16 Sep 2025 12:01

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



Quantitation Report (Not Reviewed)

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 22 02:06:31 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

Quantitation Report (Not Reviewed)

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 22 02:06:31 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)
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	184000	65.262	ug/l		89
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

Quantitation Report (Not Reviewed)

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 22 02:06:31 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)

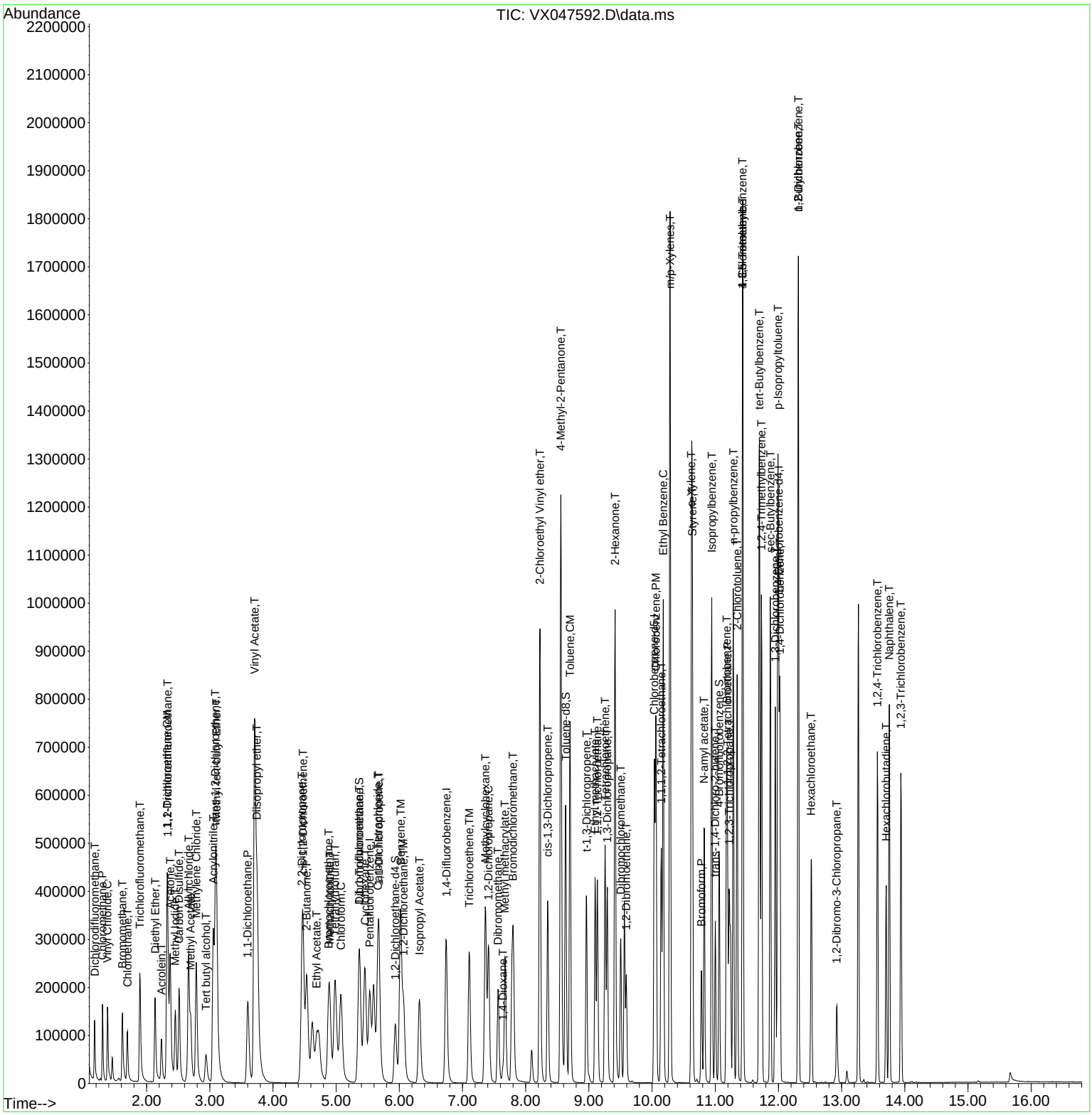
(#) = qualifier out of range (m) = manual integration (+) = signals summed

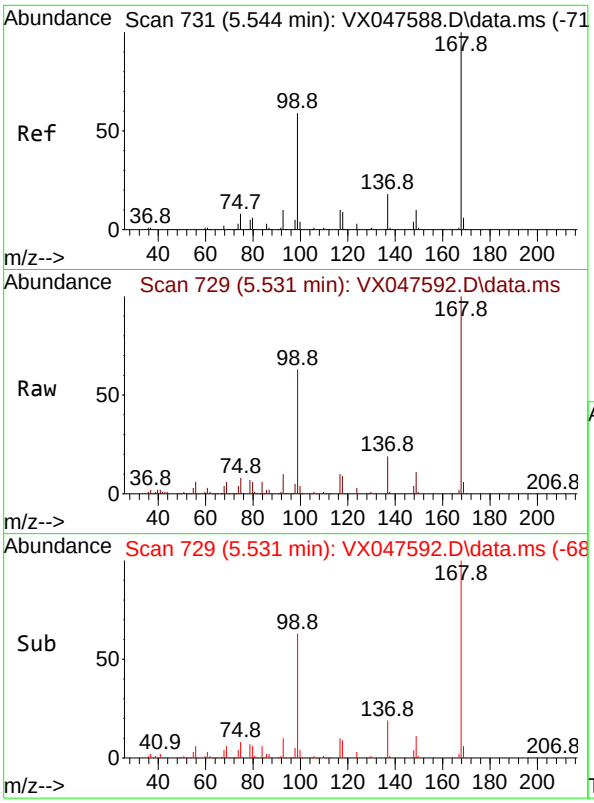
Quantitation Report (Not Reviewed)

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 22 02:06:31 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



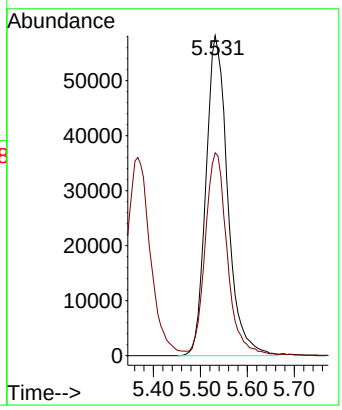


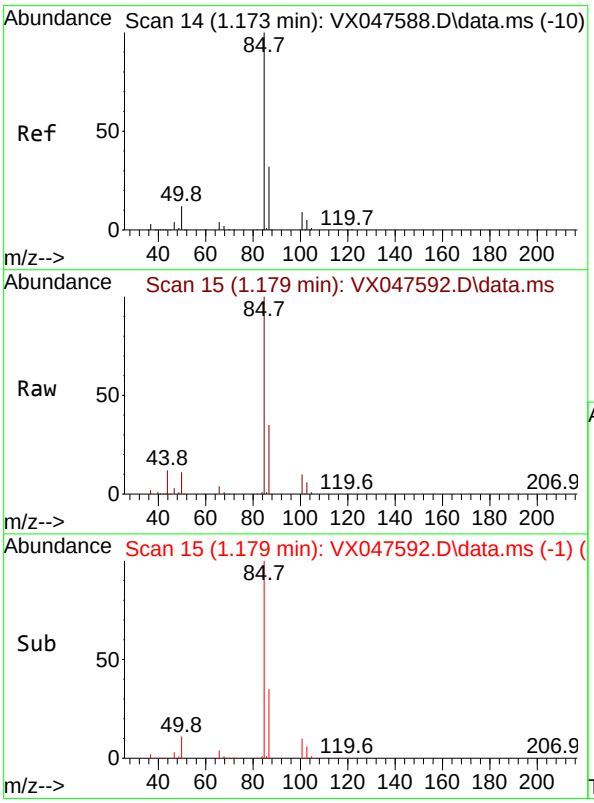
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:168 Resp: 186484

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.8	73.2

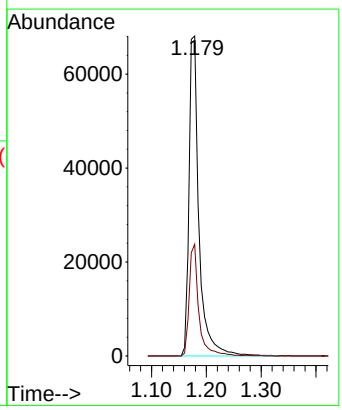


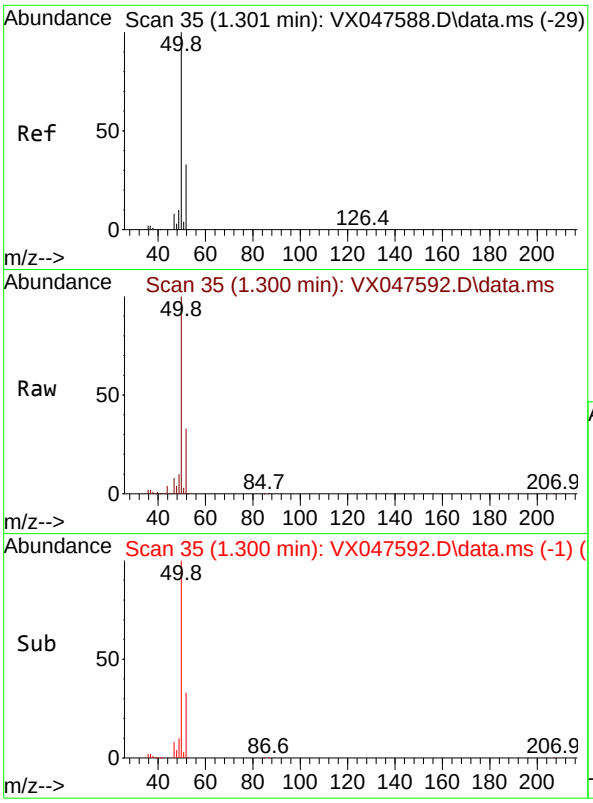


#2
Dichlorodifluoromethane
Concen: 44.592 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 85 Resp: 86110

Ion	Ratio	Lower	Upper
85	100		
87	34.9	15.8	47.3



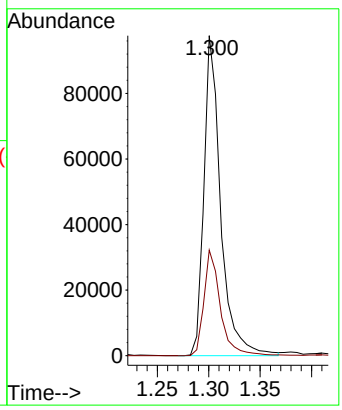


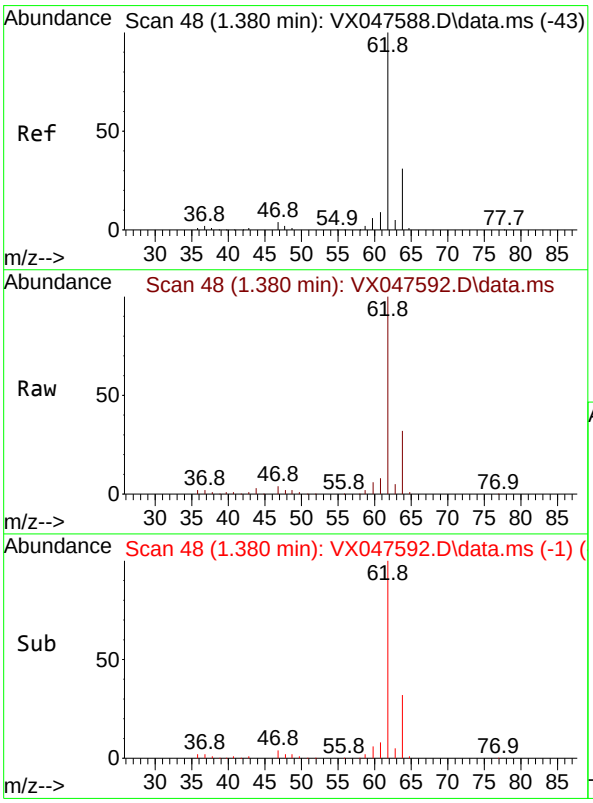
#3
Chloromethane
Concen: 43.710 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 50 Resp: 110935

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.1	39.1

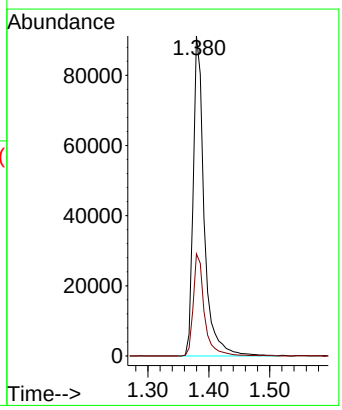


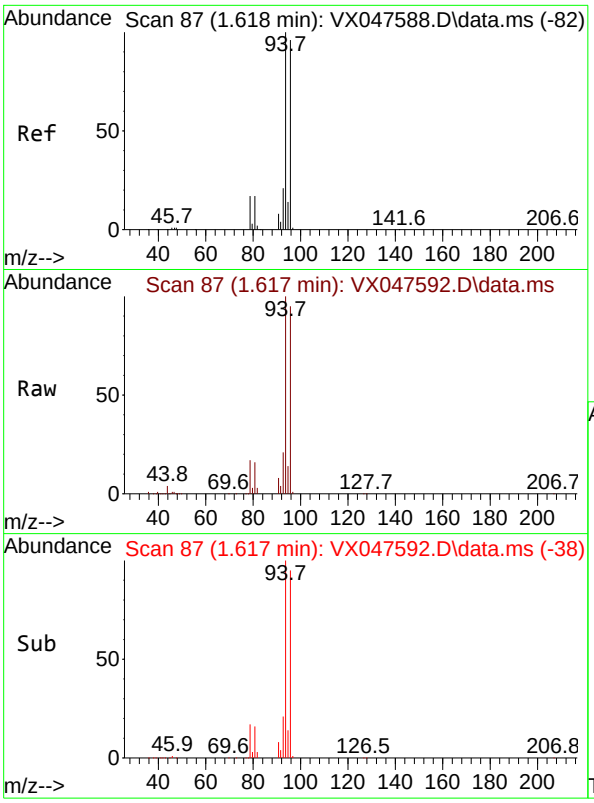


#4
Vinyl Chloride
Concen: 45.783 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 113742

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.9	37.3



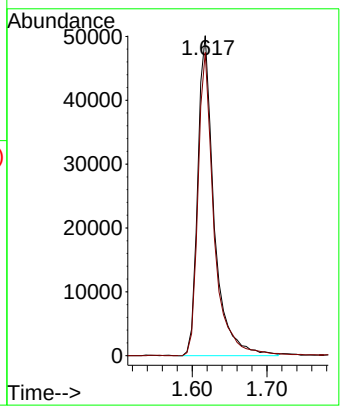


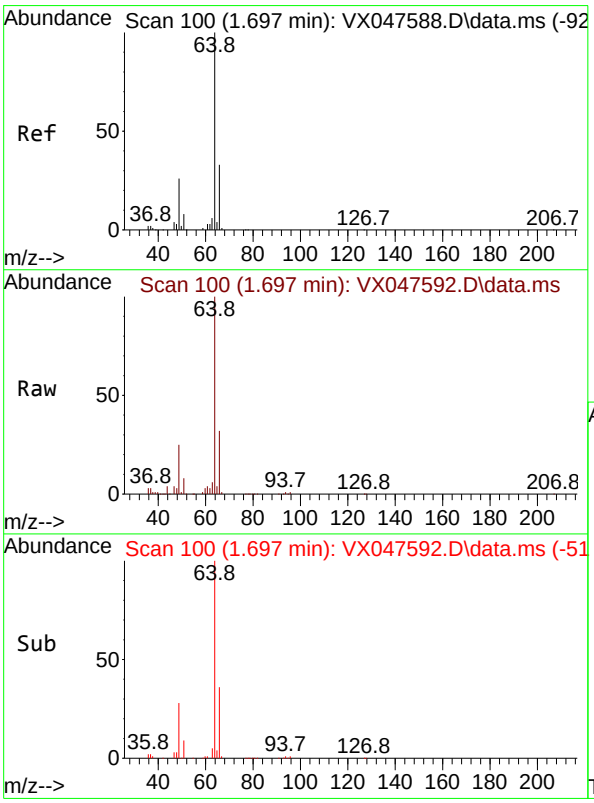
#5
Bromomethane
Concen: 48.489 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 94 Resp: 76388

Ion	Ratio	Lower	Upper
94	100		
96	94.7	76.6	115.0

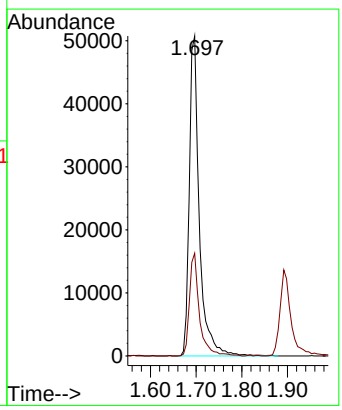


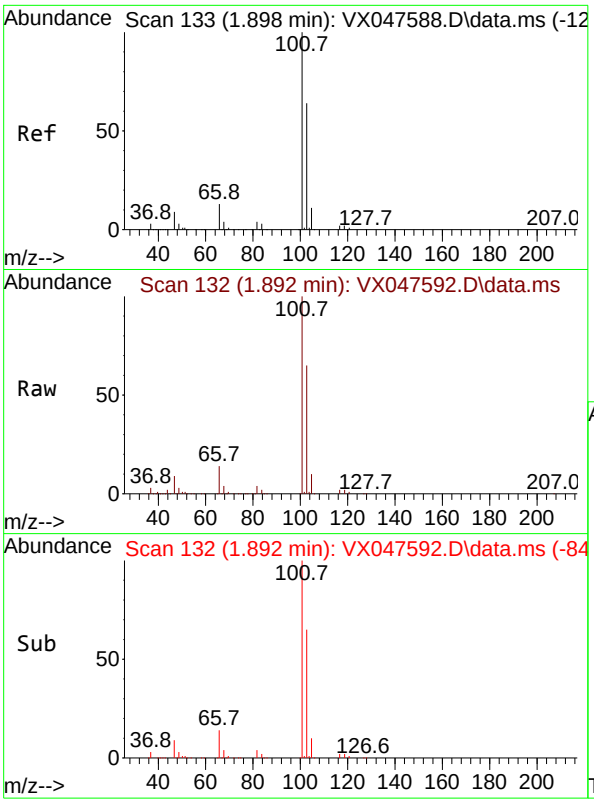


#6
Chloroethane
Concen: 46.575 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 64 Resp: 77337

Ion	Ratio	Lower	Upper
64	100		
66	32.1	26.1	39.1



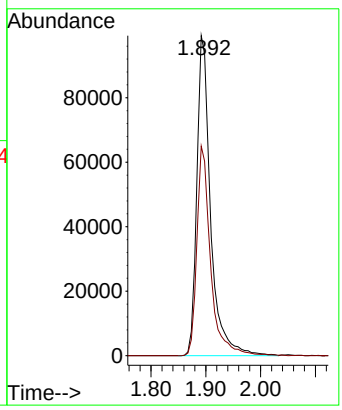


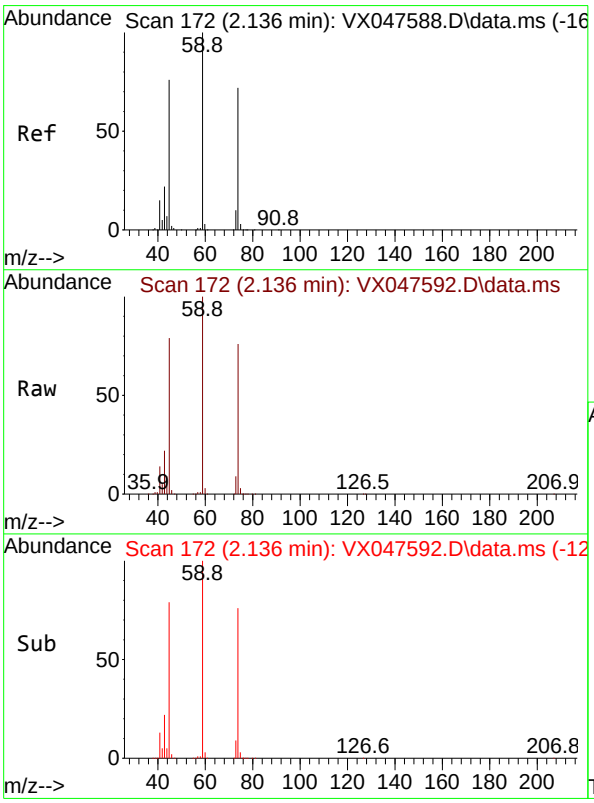
#7
Trichlorofluoromethane
Concen: 47.074 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:101 Resp: 173647

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.4	77.2

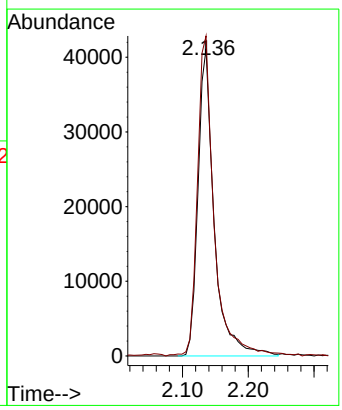


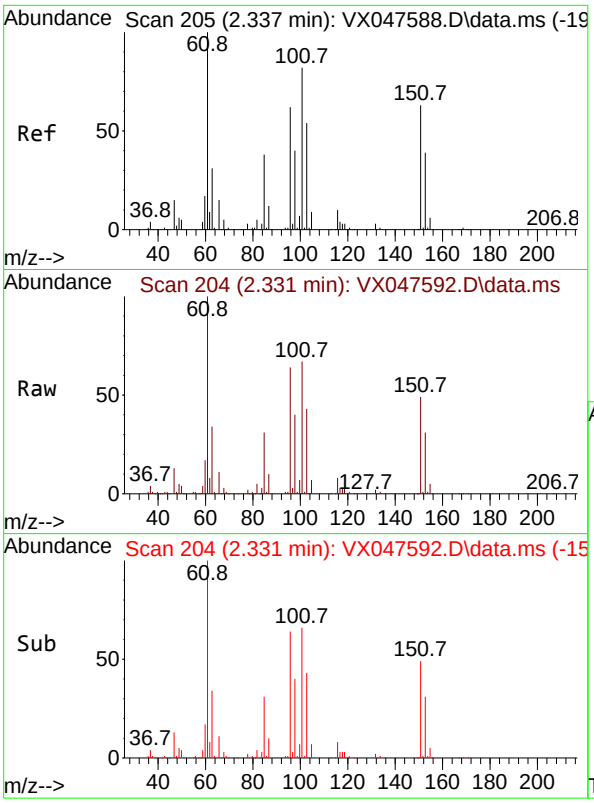


#8
Diethyl Ether
Concen: 46.693 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 74 Resp: 70459

Ion	Ratio	Lower	Upper
74	100		
45	107.1	52.3	156.8



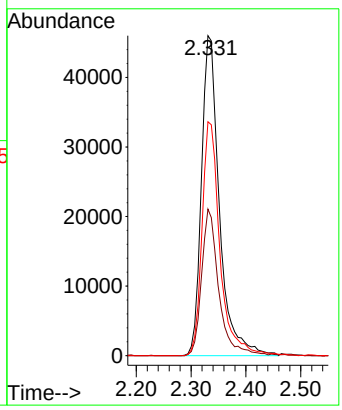


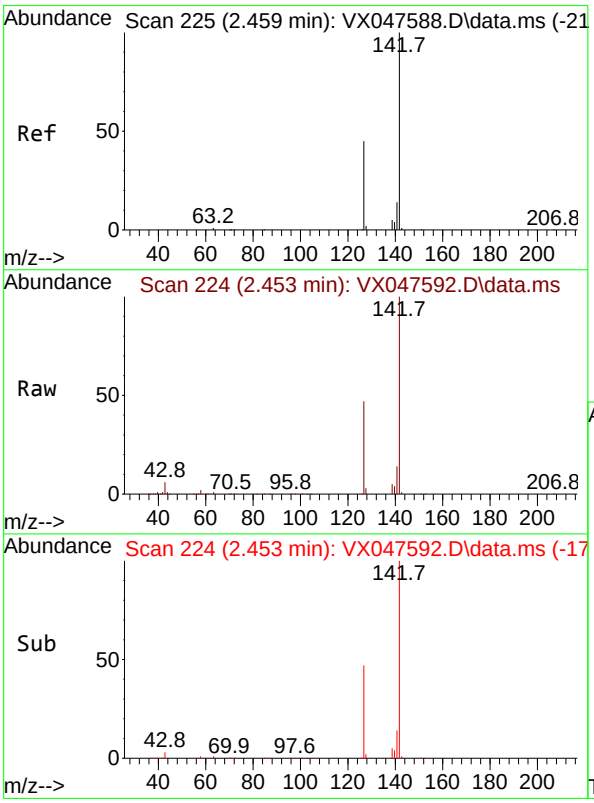
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.524 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:101 Resp: 104663

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	73.3	59.4	89.0

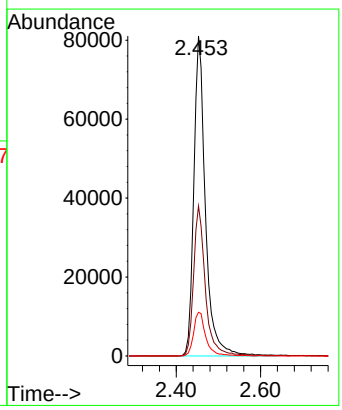


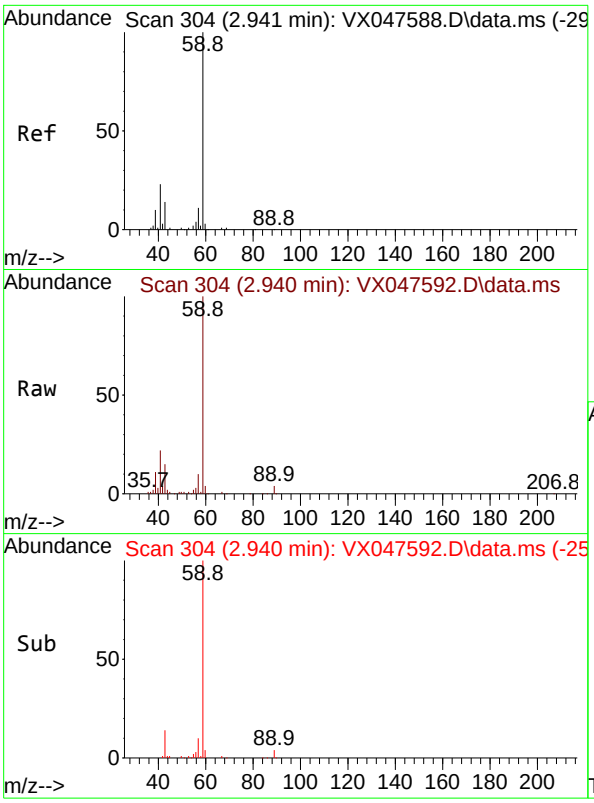


#10
Methyl Iodide
Concen: 46.210 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



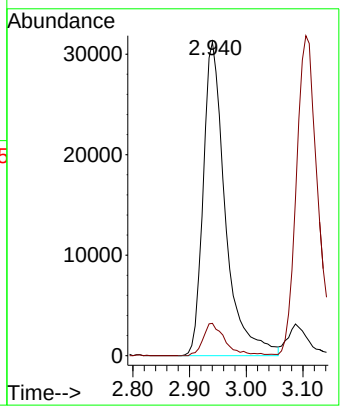


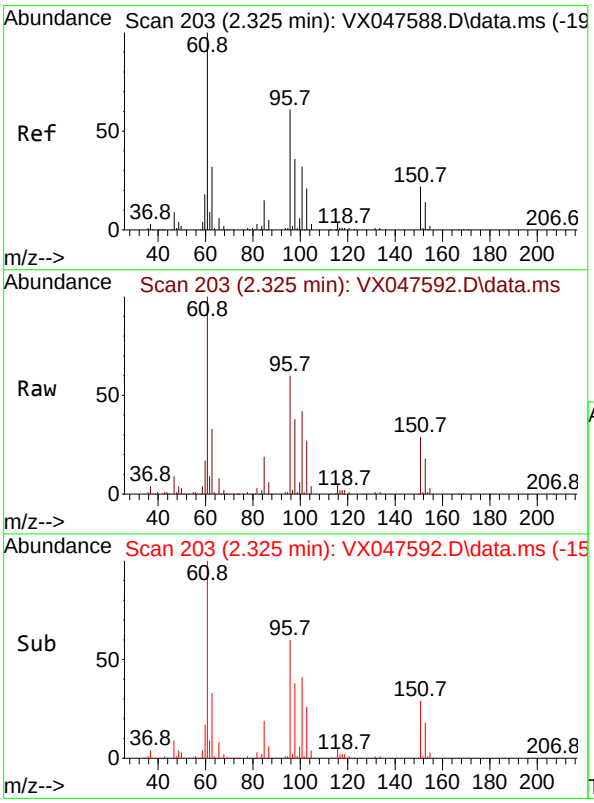
#11
Tert butyl alcohol
Concen: 256.271 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 59 Resp: 84722

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

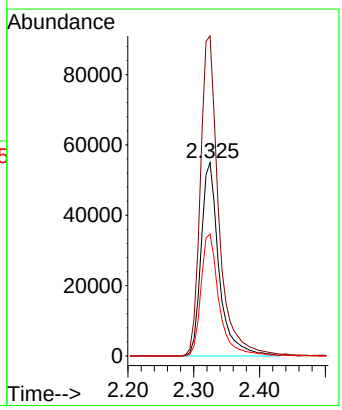


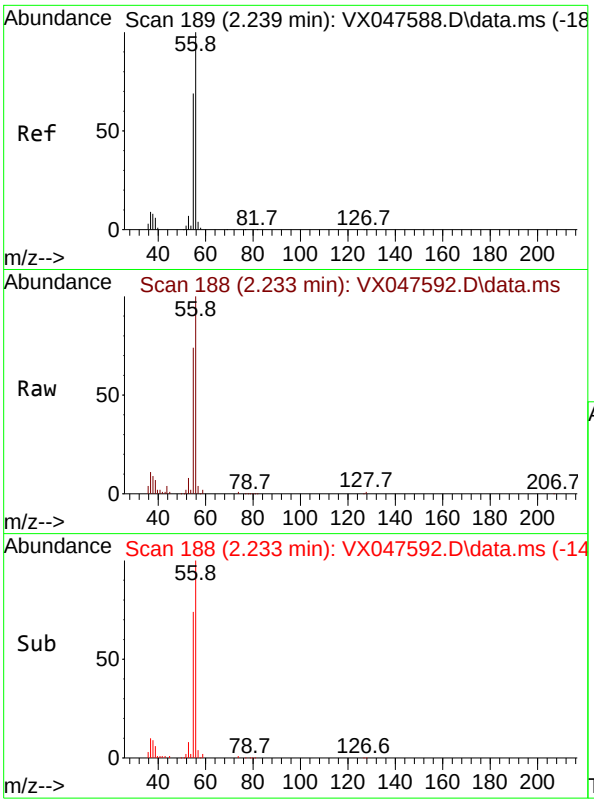


#12
1,1-Dichloroethene
Concen: 47.076 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



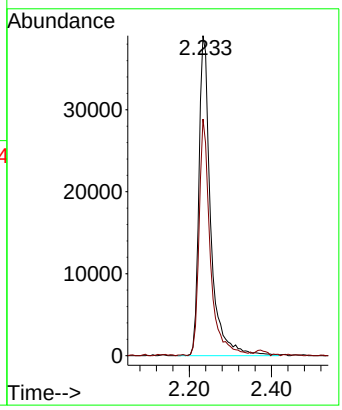


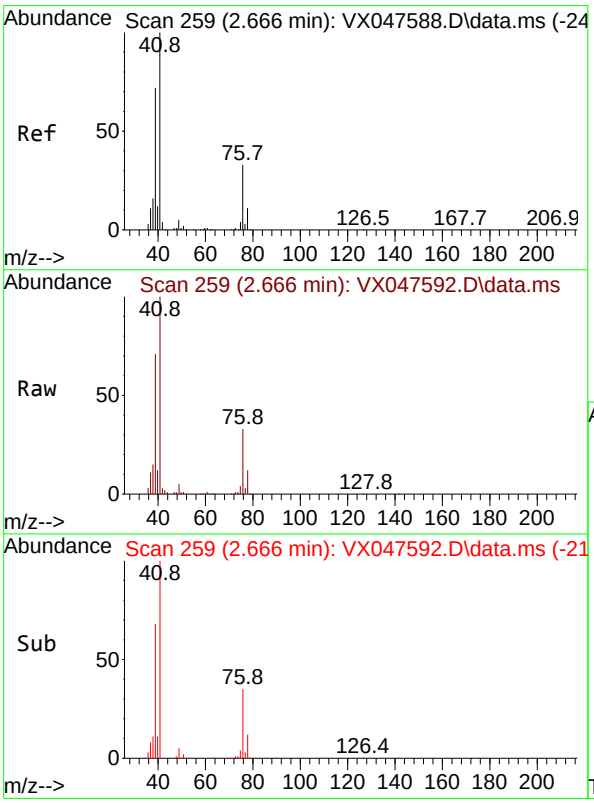
#13
Acrolein
Concen: 254.867 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 56 Resp: 77645

Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.2	85.8

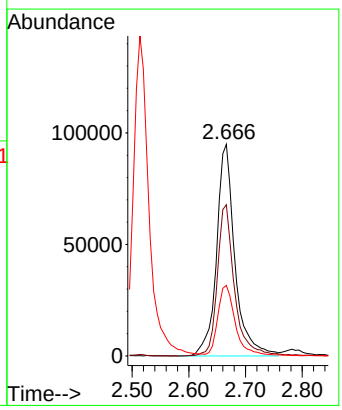


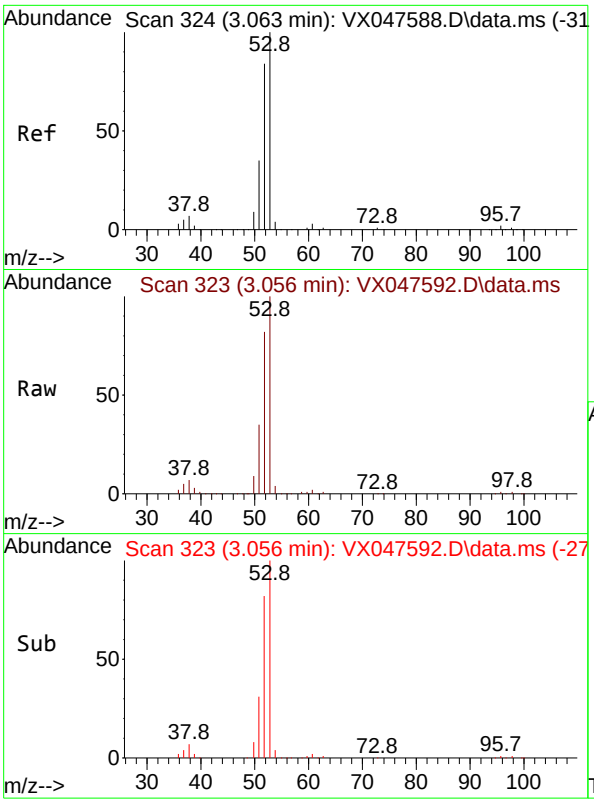


#14
Allyl chloride
Concen: 46.742 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



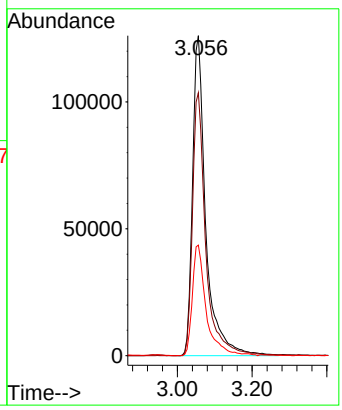


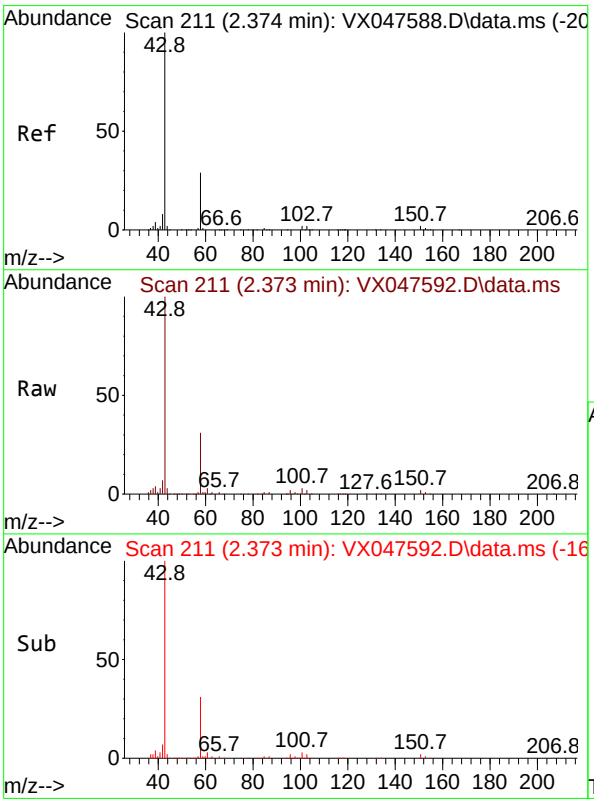
#15
Acrylonitrile
Concen: 253.567 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 53 Resp: 310505

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.2	29.5	44.3

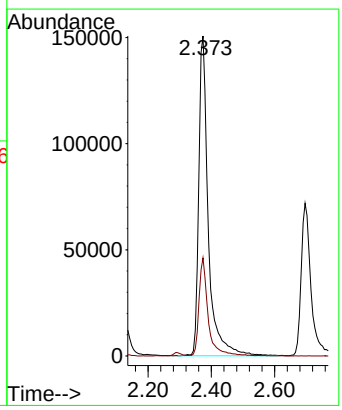


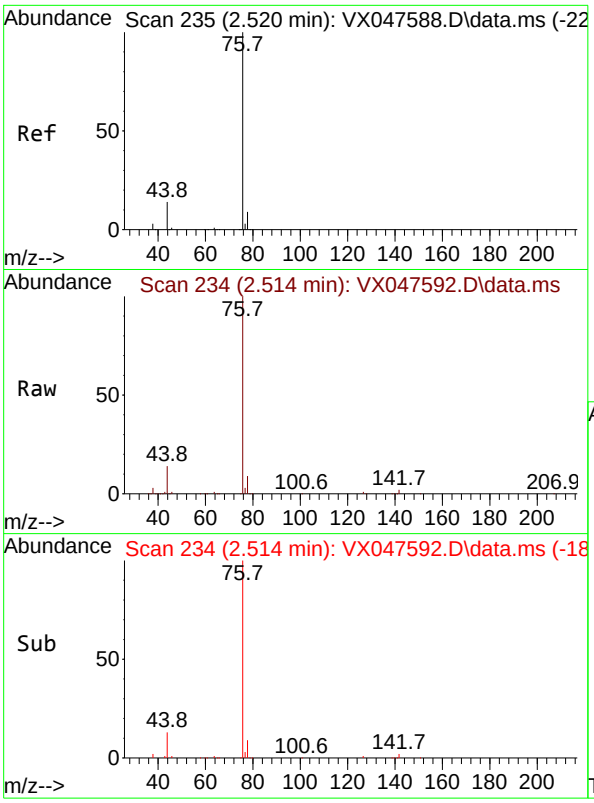


#16
Acetone
Concen: 245.006 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 316217

Ion	Ratio	Lower	Upper
43	100		
58	30.6	23.4	35.0



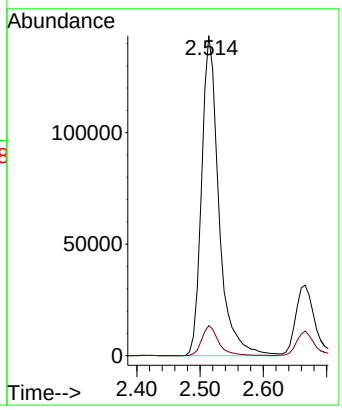


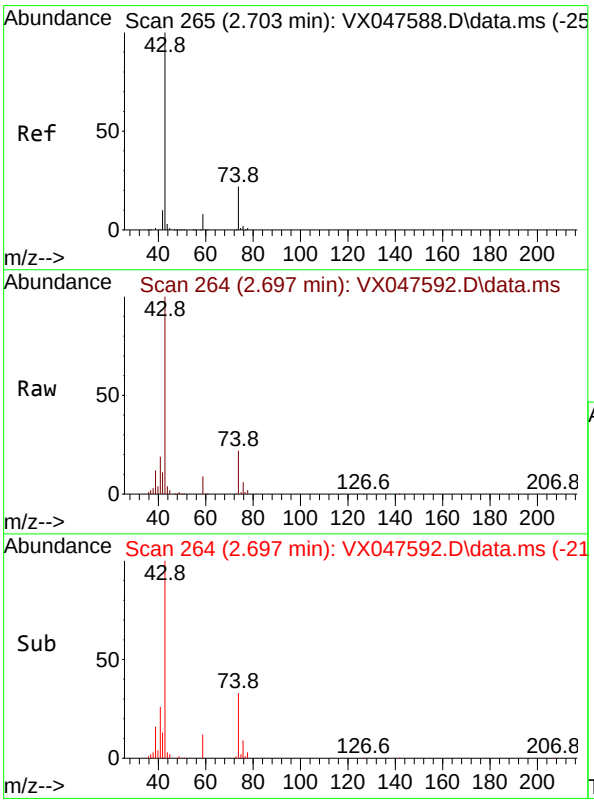
#17
Carbon Disulfide
Concen: 44.966 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 76 Resp: 272741

Ion	Ratio	Lower	Upper
76	100		
78	9.6	6.8	10.2

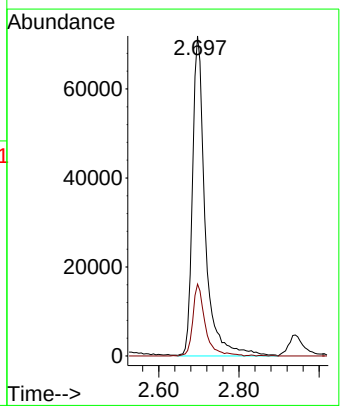


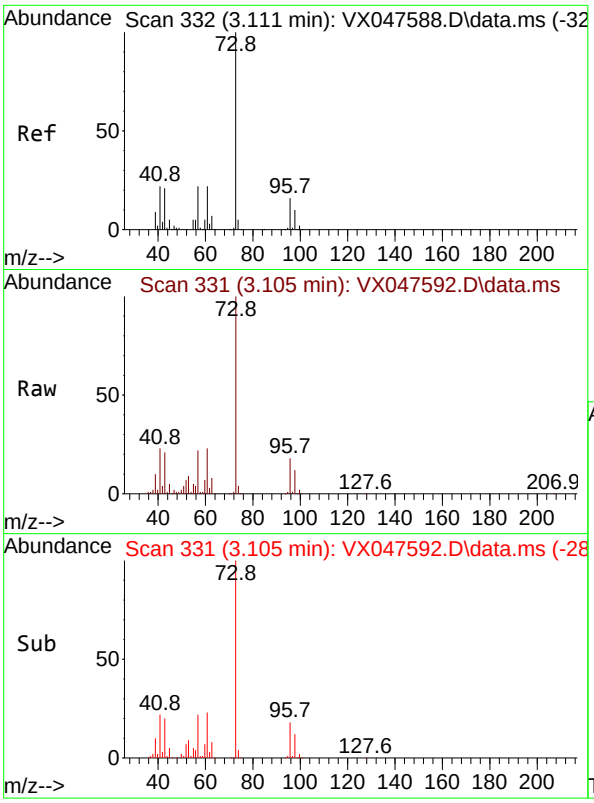


#18
Methyl Acetate
Concen: 55.175 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 43 Resp: 158480

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.4	26.2



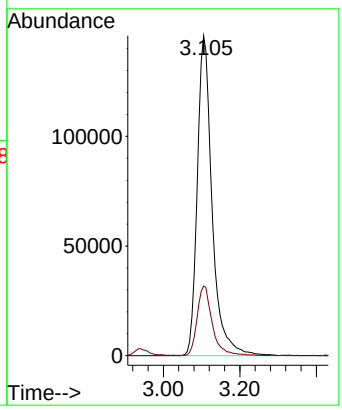


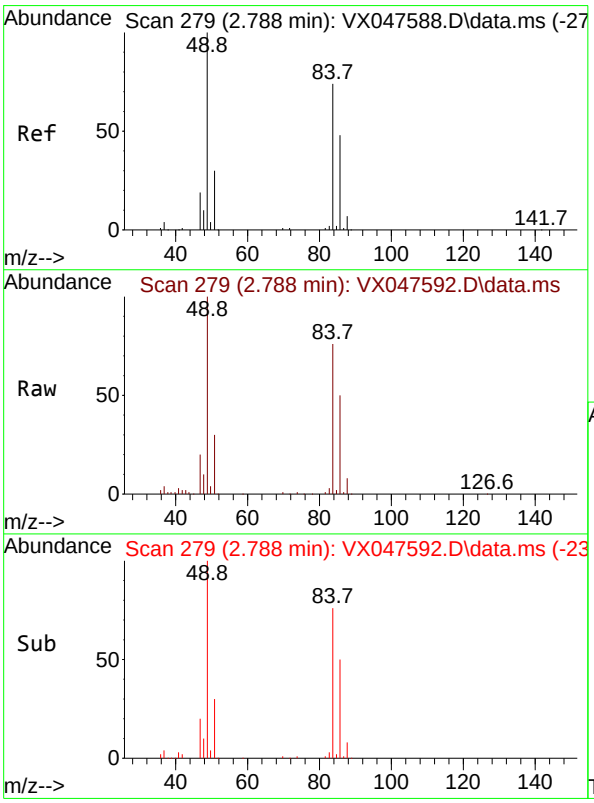
#19
Methyl tert-butyl Ether
Concen: 48.538 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 73 Resp: 392574

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2

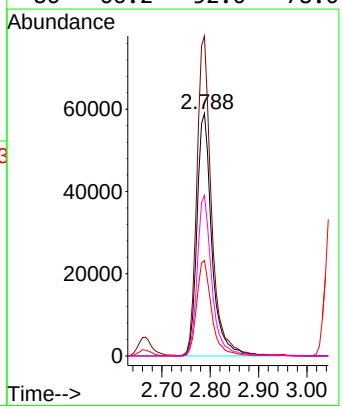


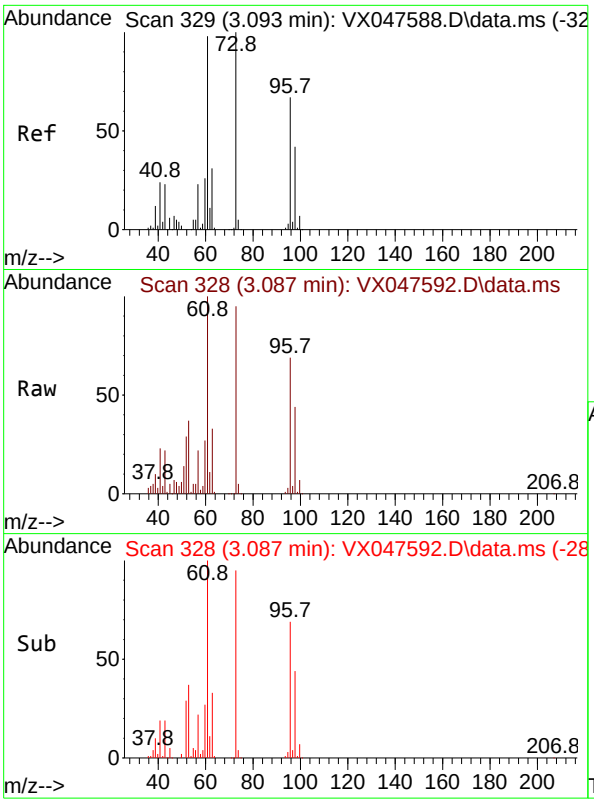


#20
Methylene Chloride
Concen: 46.000 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



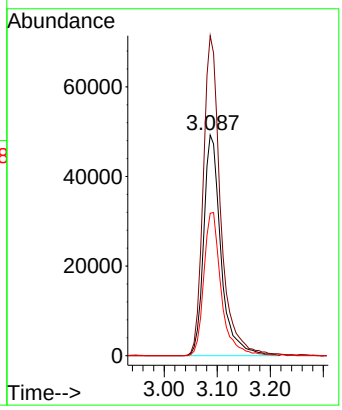


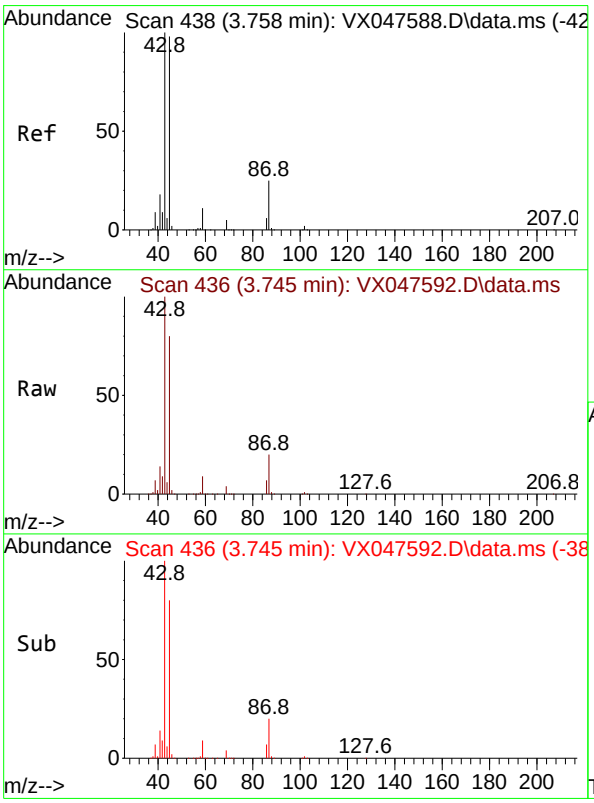
#21
trans-1,2-Dichloroethene
Concen: 46.709 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 96 Resp: 111418

Ion	Ratio	Lower	Upper
96	100		
61	145.1	116.2	174.2
98	64.5	49.3	73.9

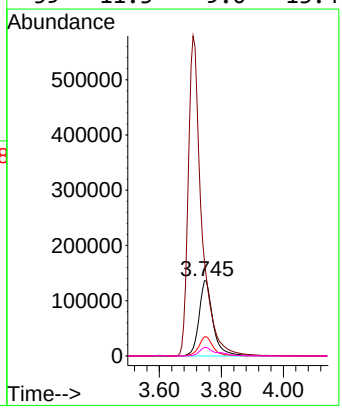


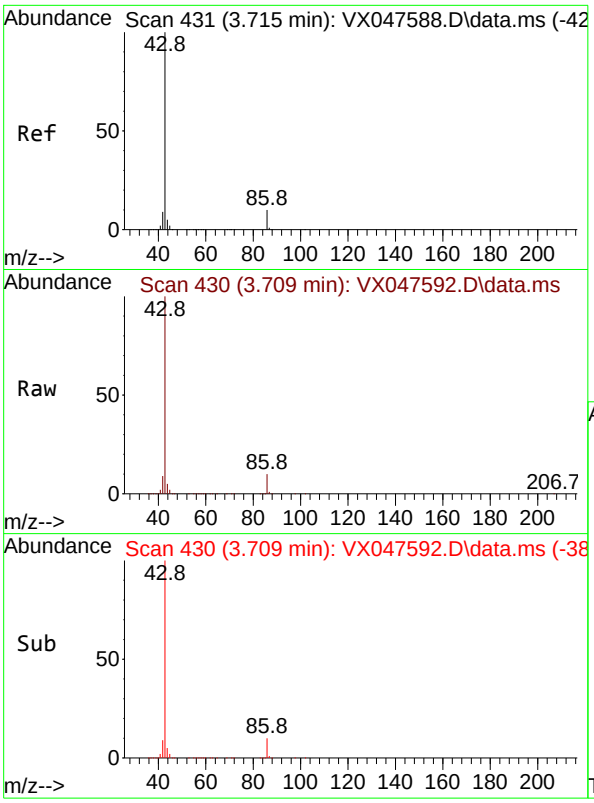


#22
Diisopropyl ether
Concen: 48.174 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



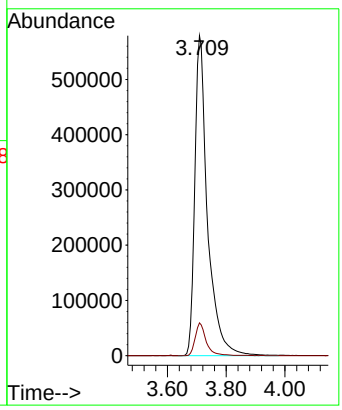


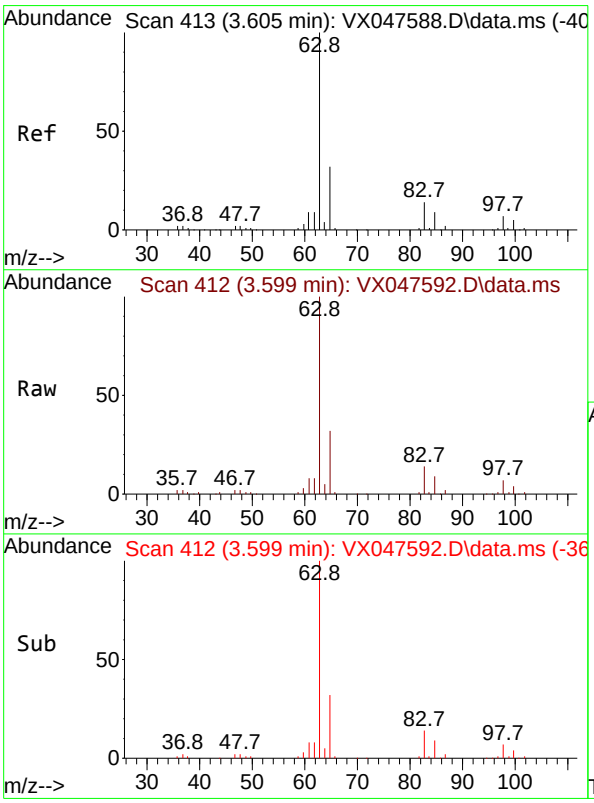
#23
Vinyl Acetate
Concen: 245.539 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 1741267

Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8

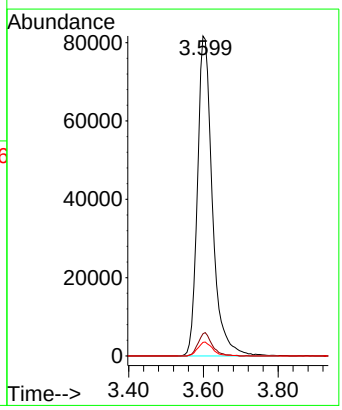


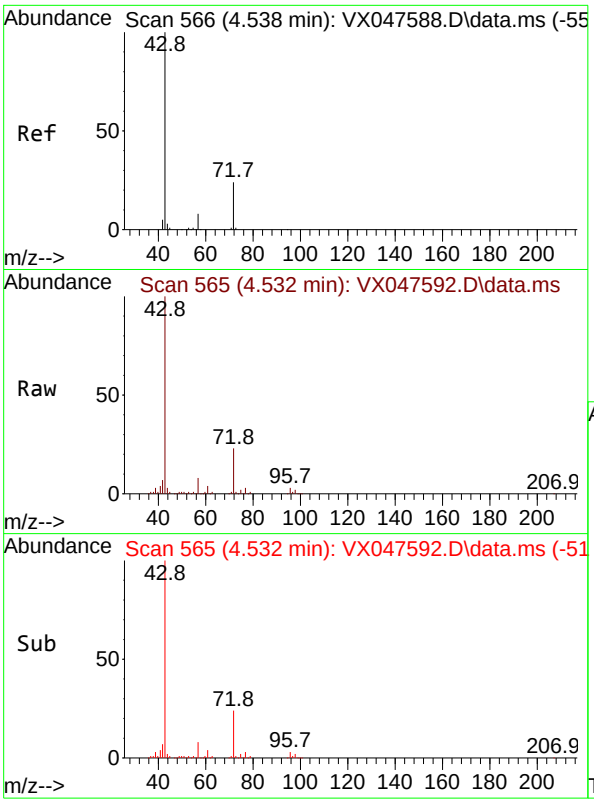


#24
1,1-Dichloroethane
Concen: 48.041 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



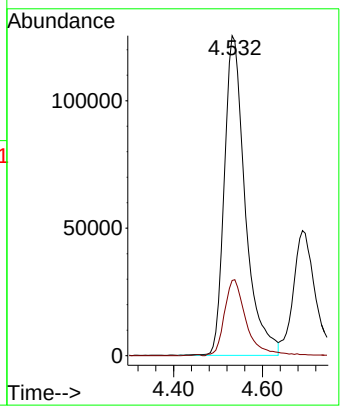


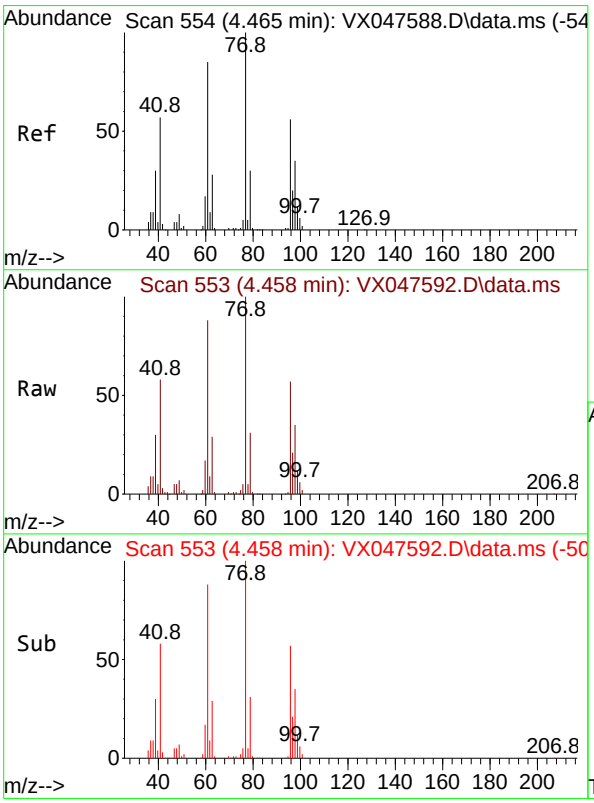
#25
2-Butanone
Concen: 253.598 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 408273

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.1	30.1

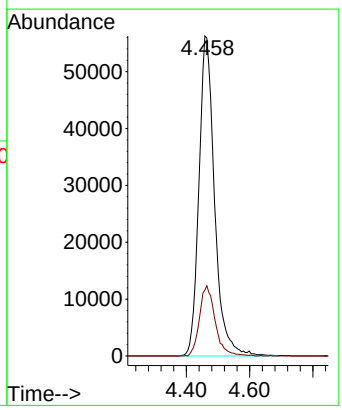


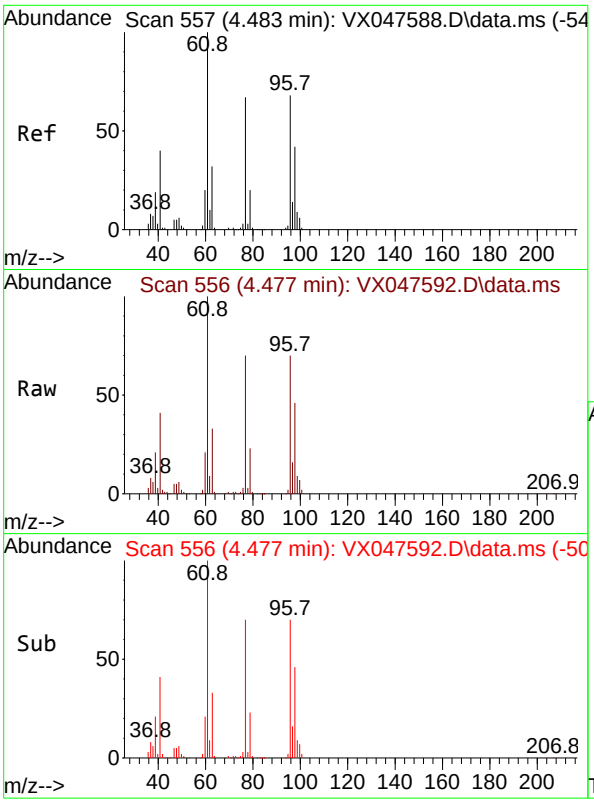


#26
2,2-Dichloropropane
Concen: 49.494 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 77 Resp: 193760

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7



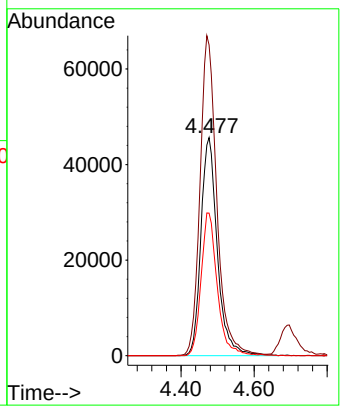


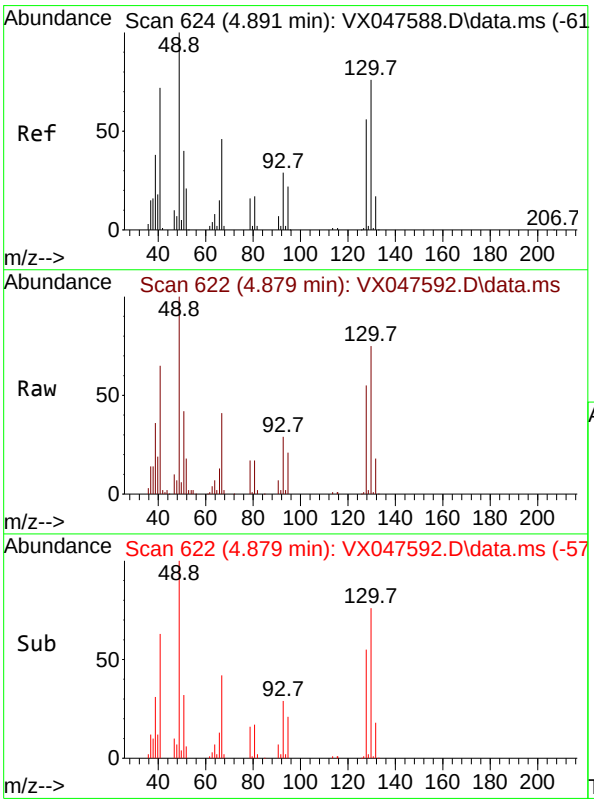
#27
cis-1,2-Dichloroethene
Concen: 48.826 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 96 Resp: 142635

Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	303.2
98	64.3	0.0	127.8

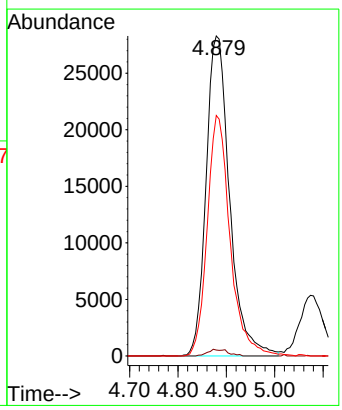


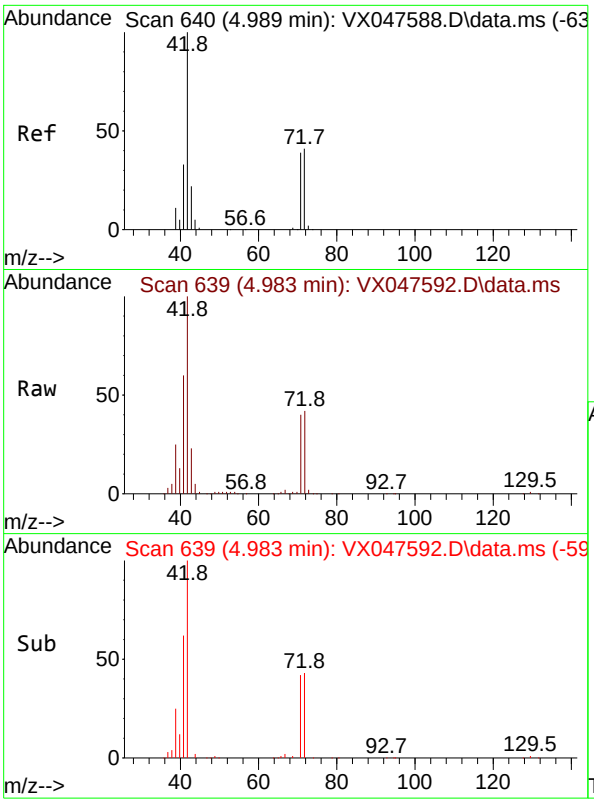


#28
Bromochloromethane
Concen: 46.586 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



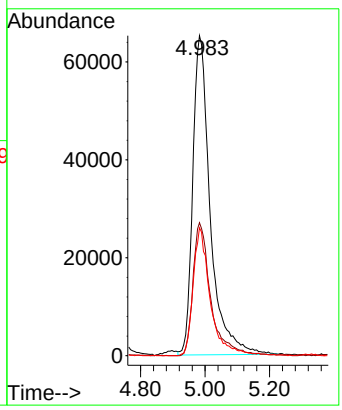


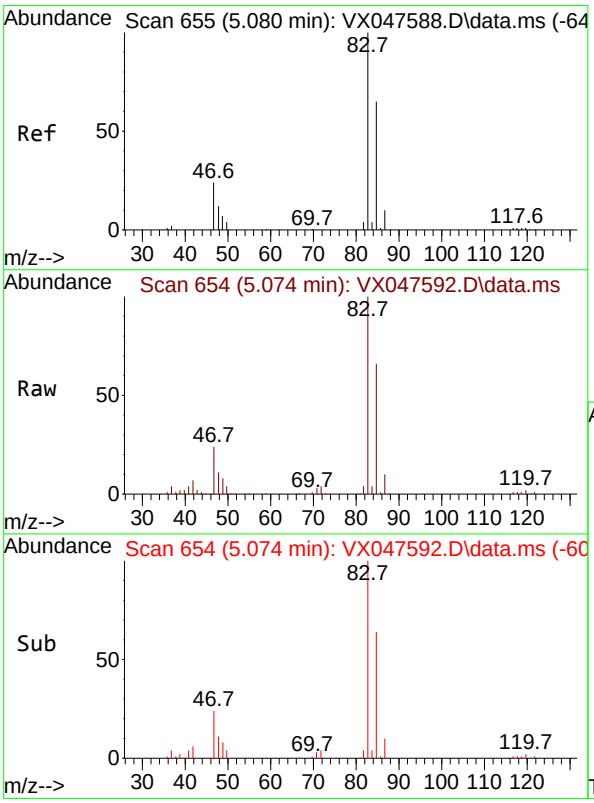
#29
Tetrahydrofuran
Concen: 253.375 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 42 Resp: 245392

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.2	51.2
71	38.9	31.9	47.9

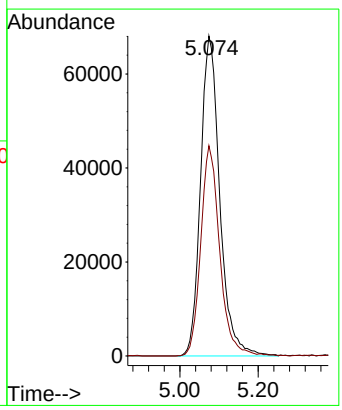


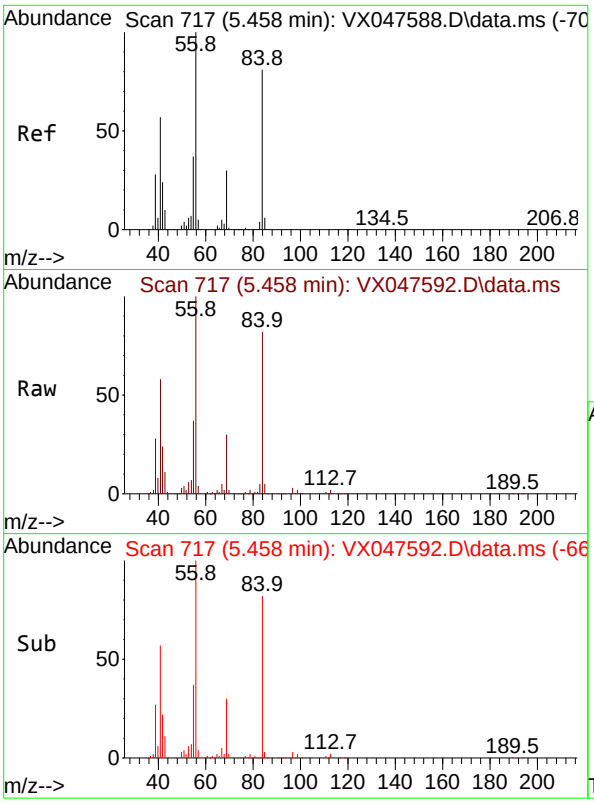


#30
Chloroform
Concen: 48.739 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 83 Resp: 231954

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6



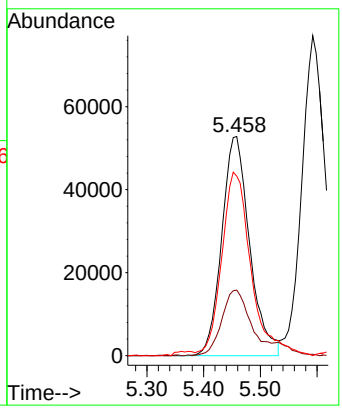


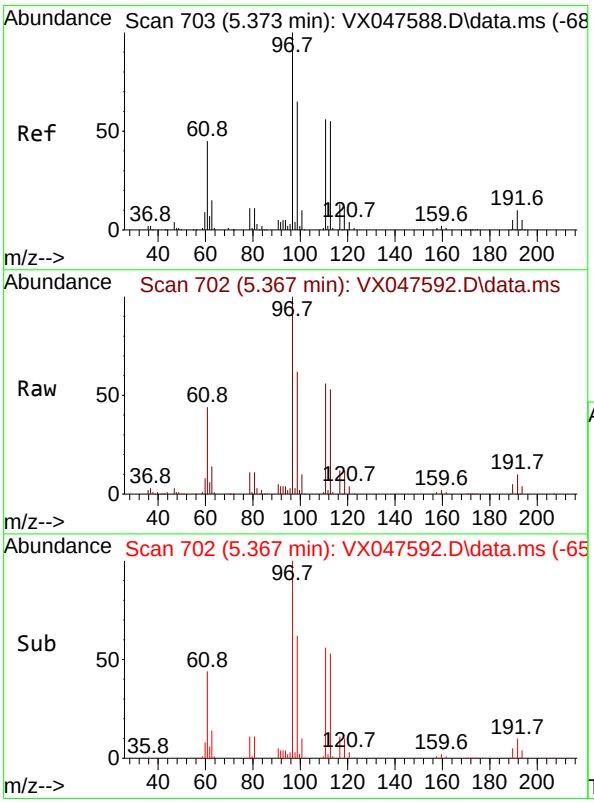
#31
Cyclohexane
Concen: 45.999 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 56 Resp: 180430

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	80.3	64.6	97.0

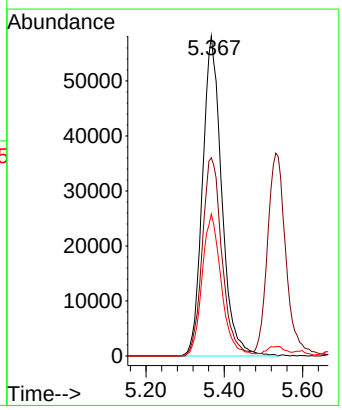


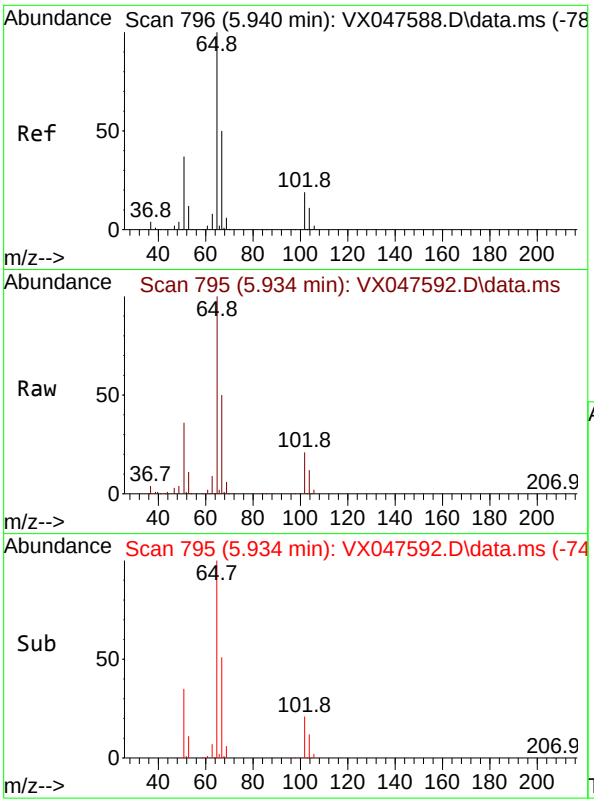


#32
1,1,1-Trichloroethane
Concen: 48.978 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



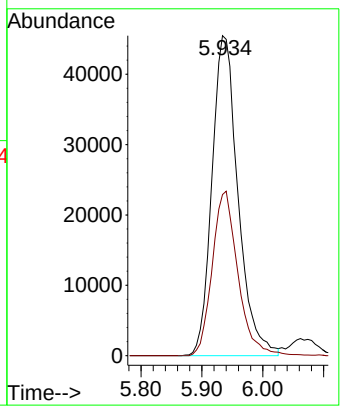


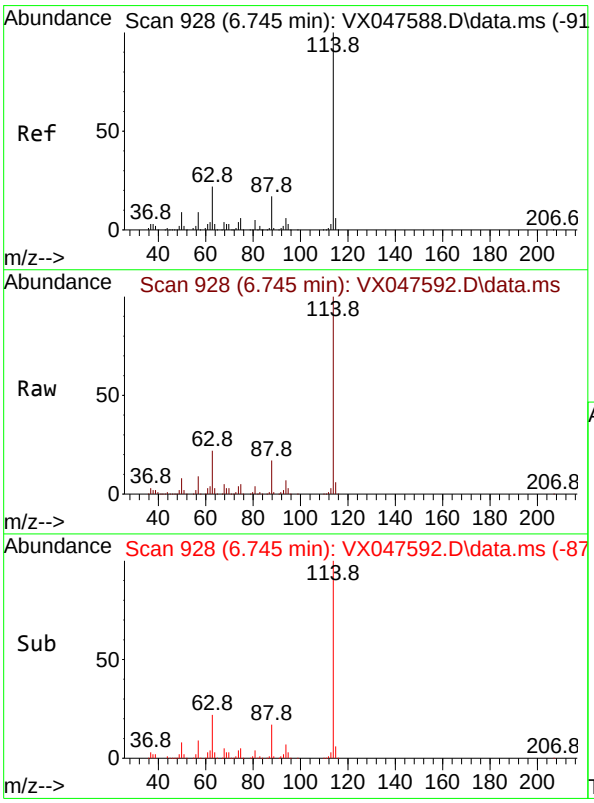
#33
1,2-Dichloroethane-d4
Concen: 45.550 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 65 Resp: 135209

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.0

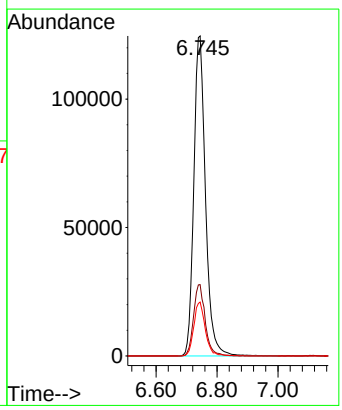


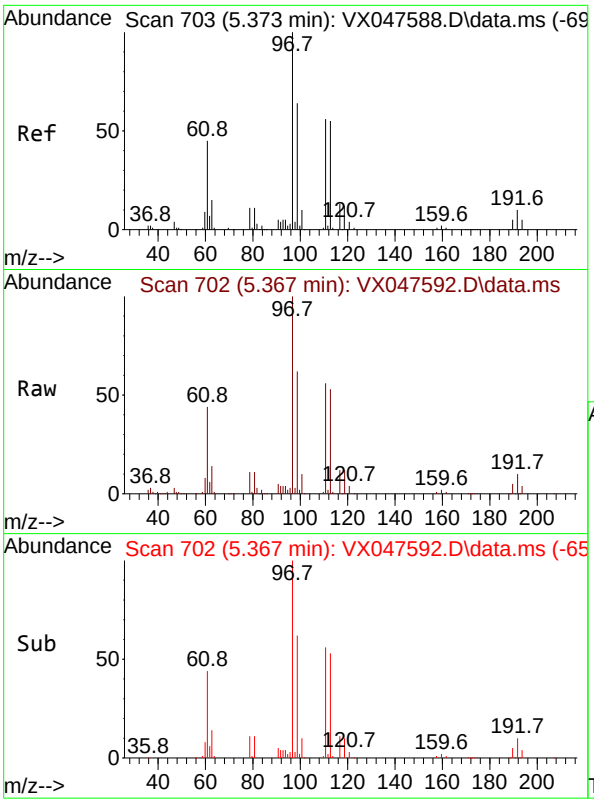


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



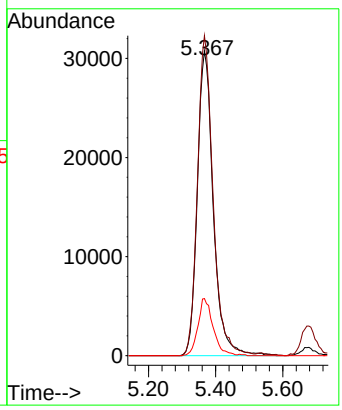


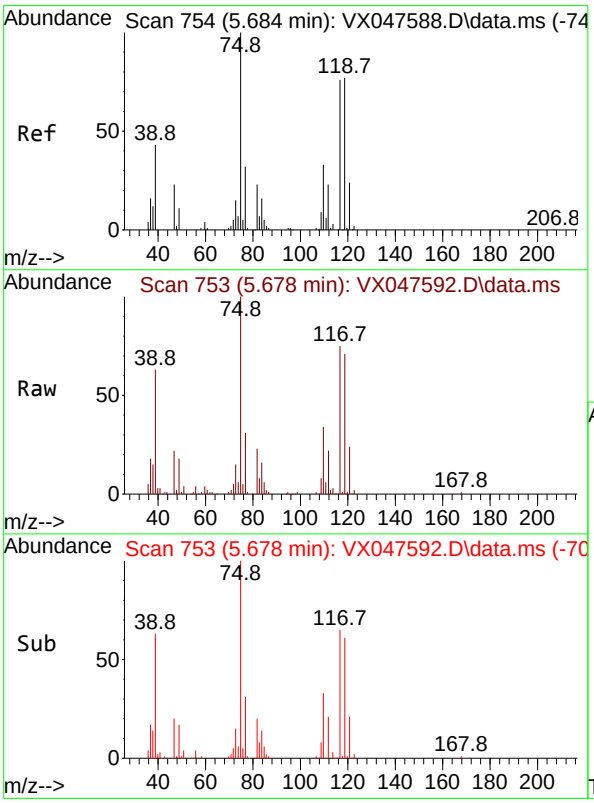
#35
Dibromofluoromethane
Concen: 45.559 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:113 Resp: 101390

Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.9	121.3
192	17.9	14.2	21.4

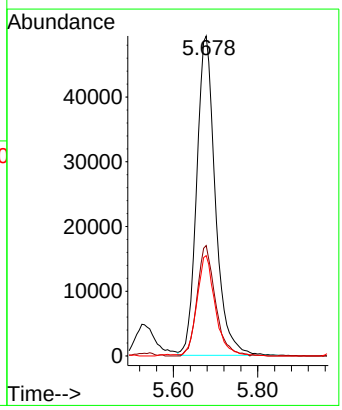


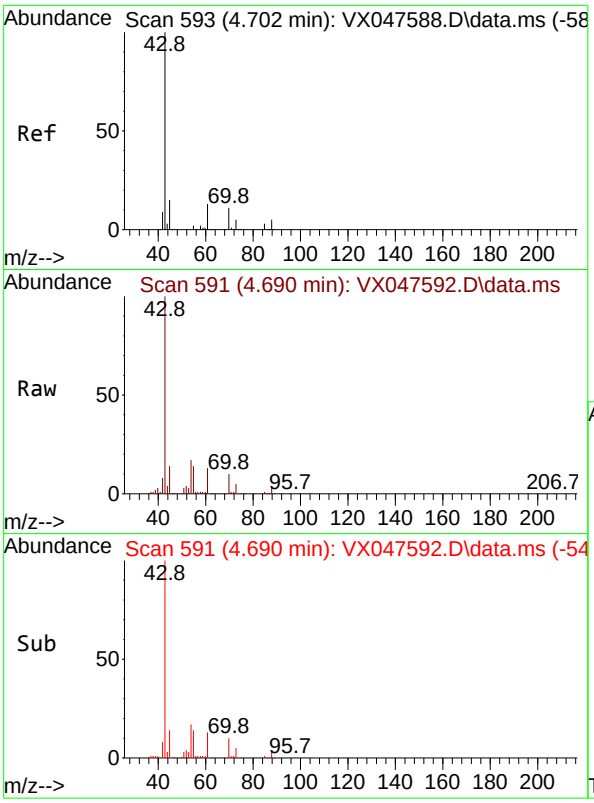


#36
1,1-Dichloropropene
Concen: 46.663 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



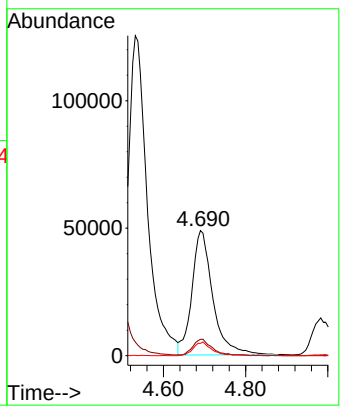


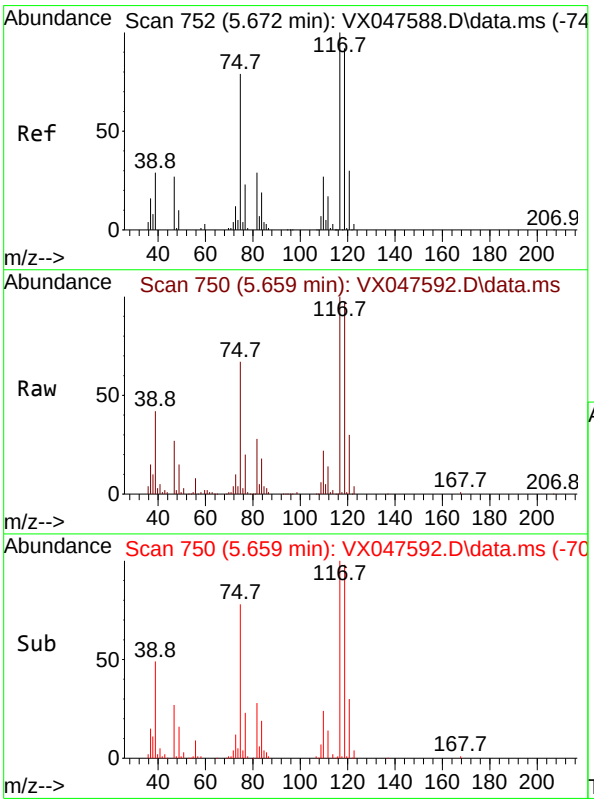
#37
Ethyl Acetate
Concen: 49.241 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 171454

Ion	Ratio	Lower	Upper
43	100		
61	10.8	9.8	14.8
70	9.8	7.9	11.9

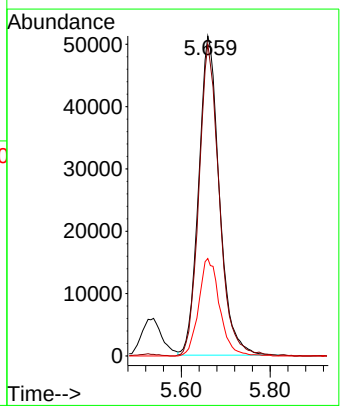


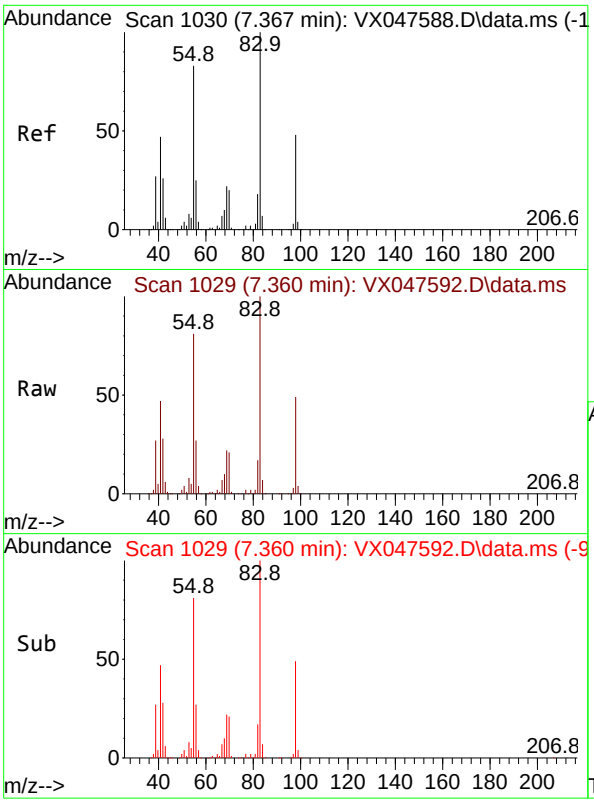


#38
Carbon Tetrachloride
Concen: 46.935 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



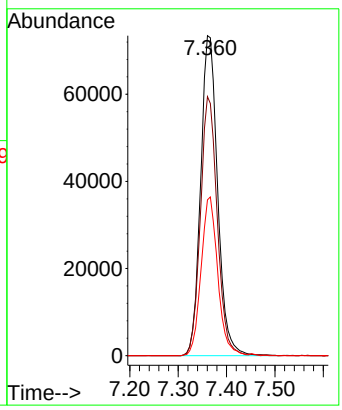


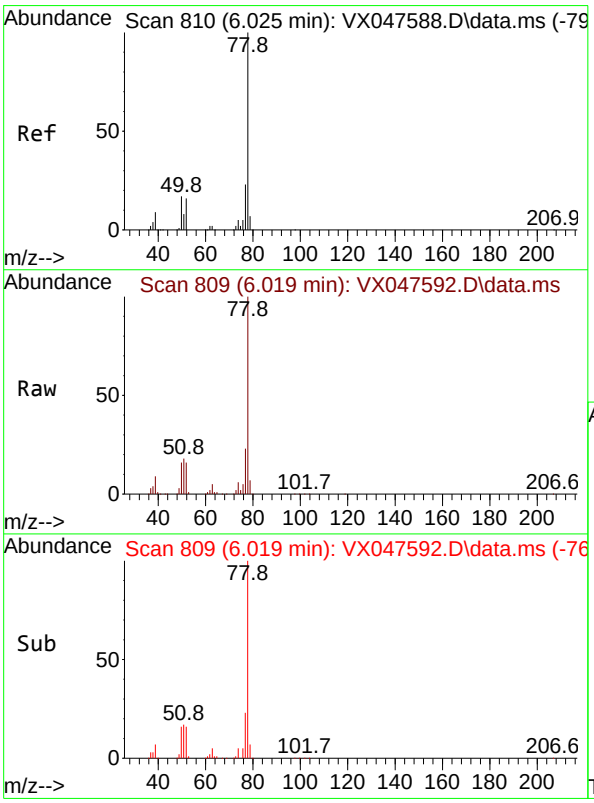
#39
Methylcyclohexane
Concen: 48.597 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 83 Resp: 179392

Ion	Ratio	Lower	Upper
83	100		
55	81.0	66.4	99.6
98	48.7	38.1	57.1

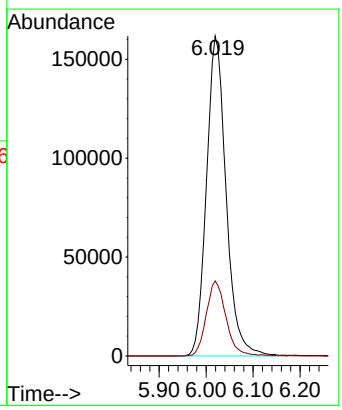


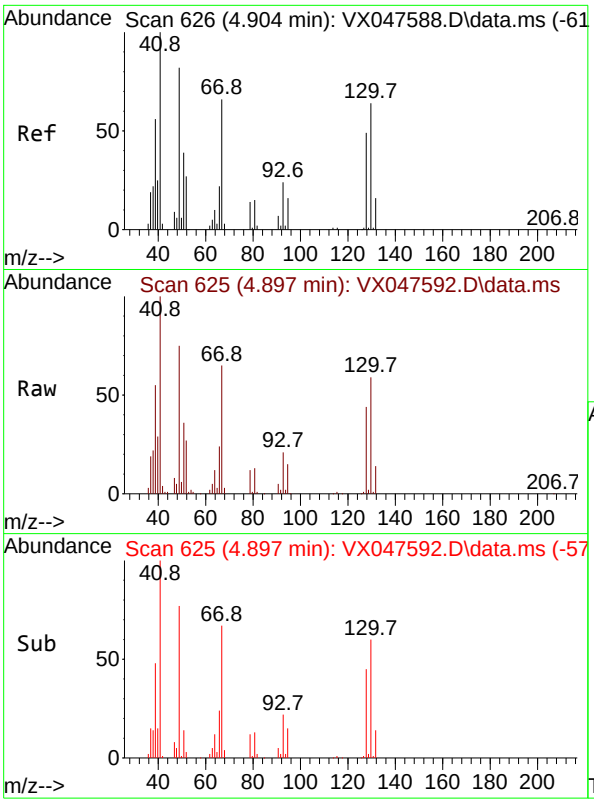


#40
Benzene
Concen: 47.357 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 78 Resp: 467748

Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2



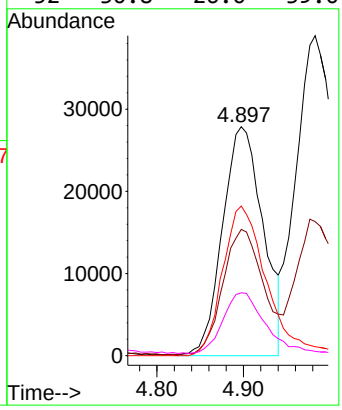


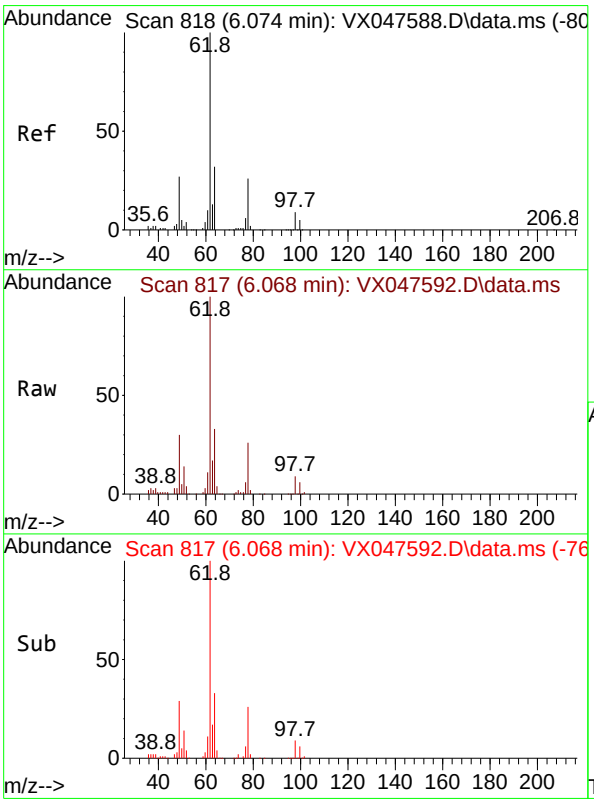
#41
Methacrylonitrile
Concen: 50.490 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 41 Resp: 90758

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

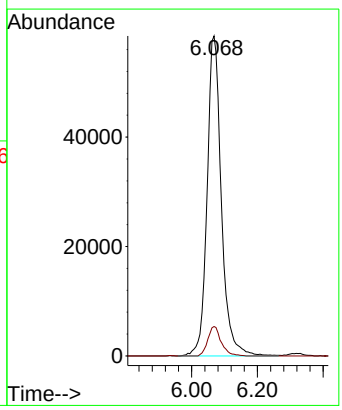


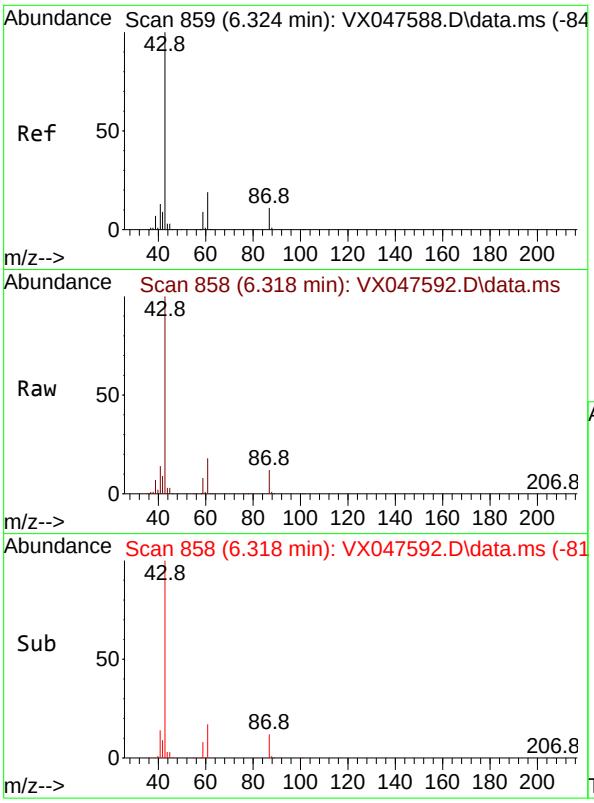


#42
1,2-Dichloroethane
Concen: 46.867 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 62 Resp: 176131

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



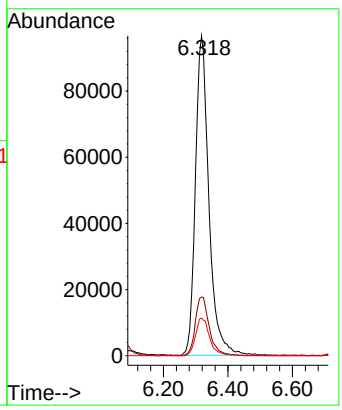


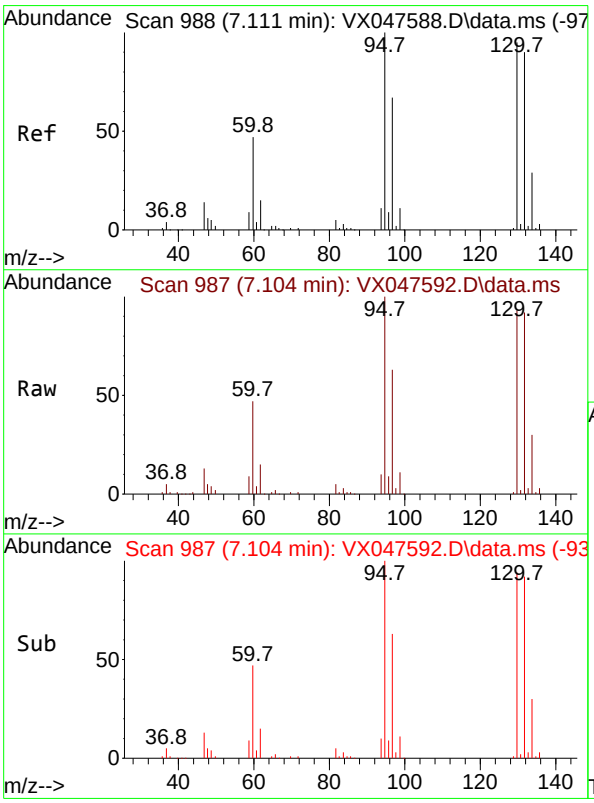
#43
Isopropyl Acetate
Concen: 49.136 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 280595

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.2	9.6	14.4

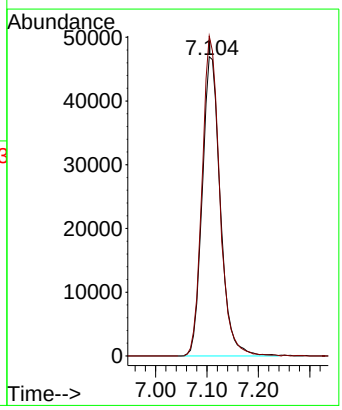


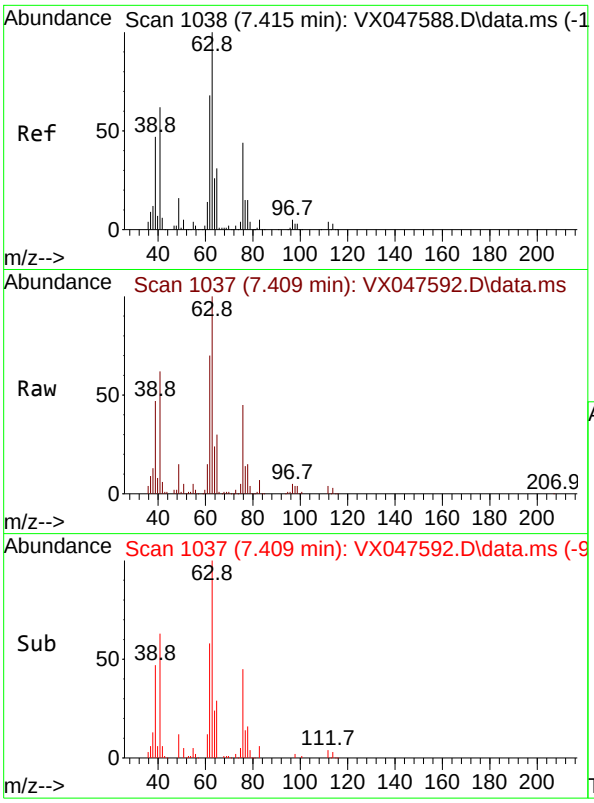


#44
Trichloroethene
Concen: 48.037 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:130 Resp: 114708

Ion	Ratio	Lower	Upper
130	100		
95	107.0	0.0	210.8



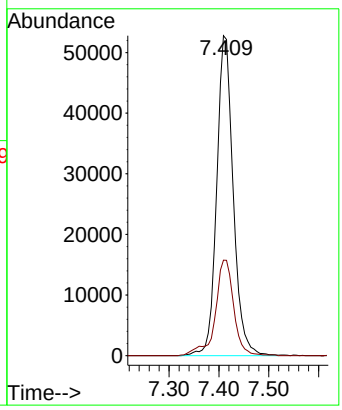


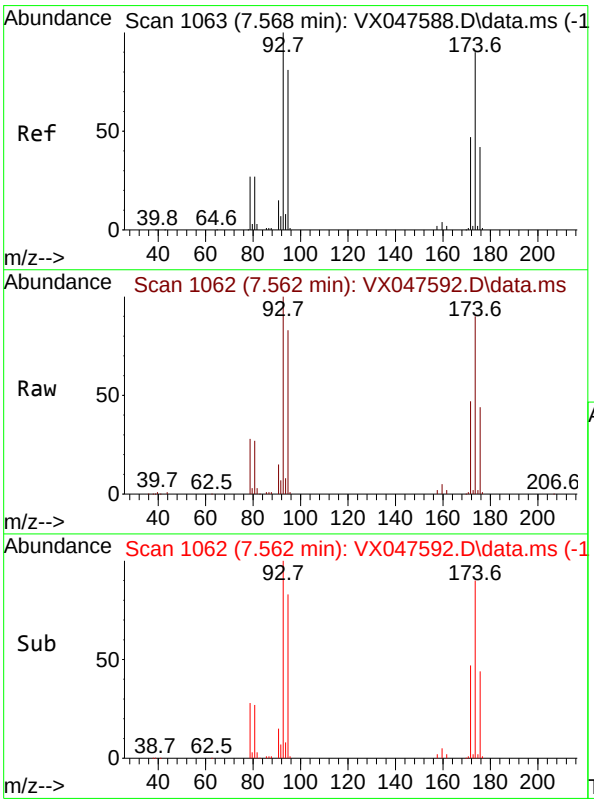
#45
1,2-Dichloropropane
Concen: 48.053 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 63 Resp: 121532

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.7	37.1

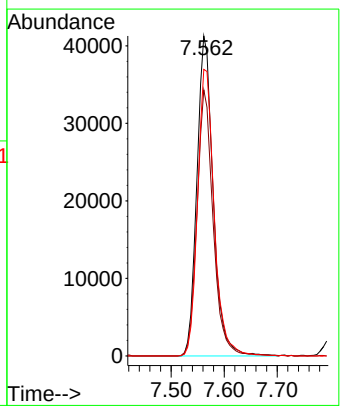


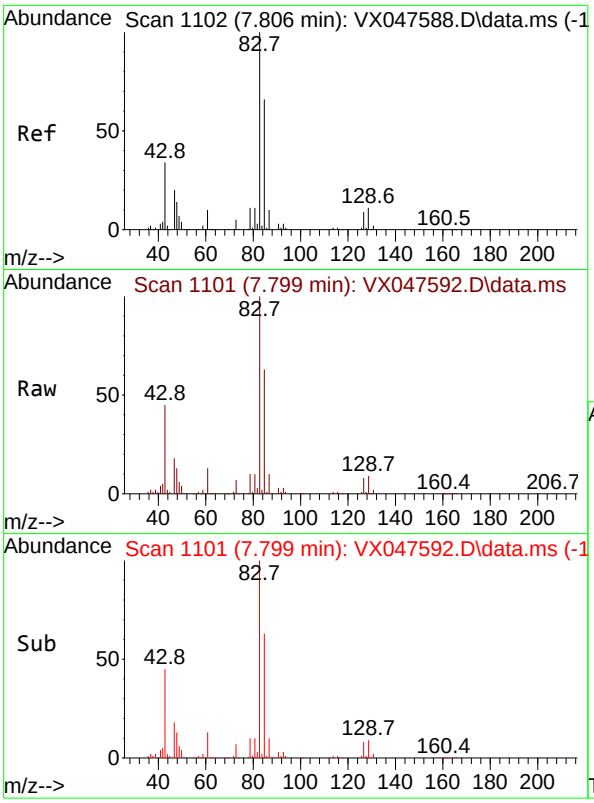


#46
Dibromomethane
Concen: 47.976 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



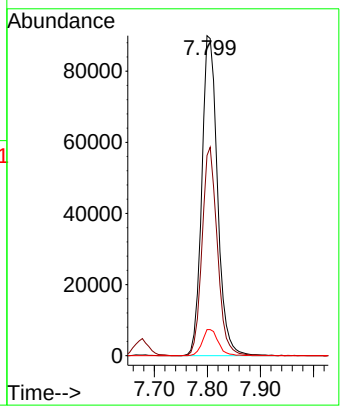


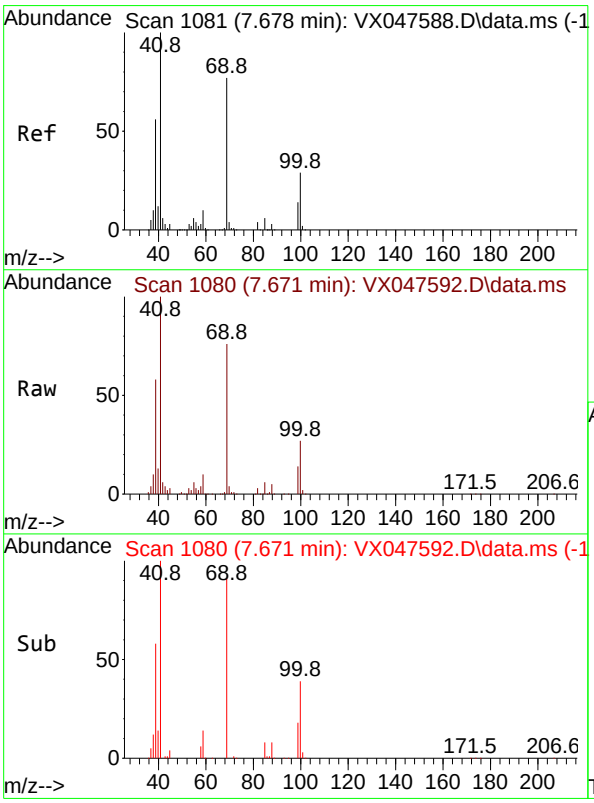
#47
Bromodichloromethane
Concen: 48.769 ug/l
RT: 7.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 83 Resp: 185219

Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.5	78.7
127	8.1	6.9	10.3

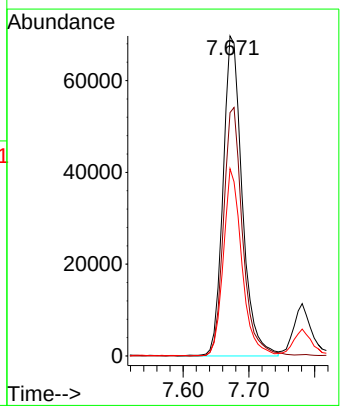


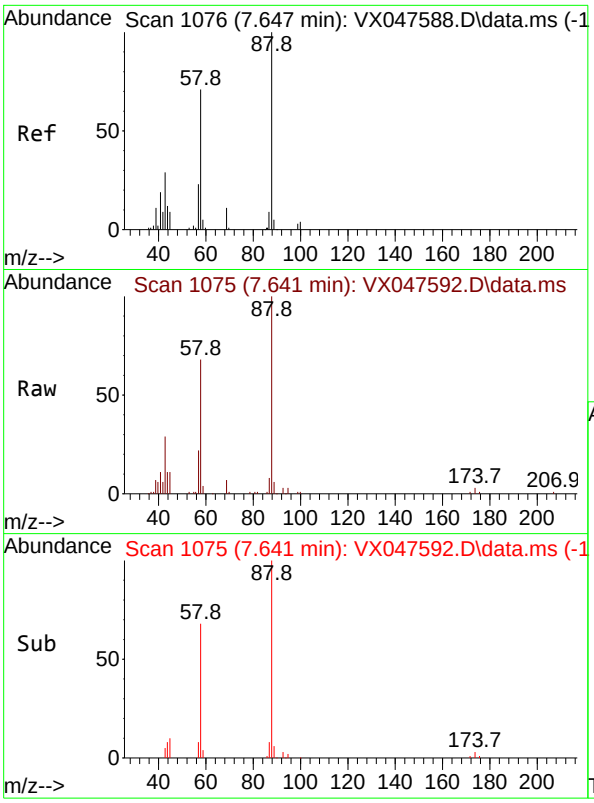


#48
Methyl methacrylate
Concen: 49.757 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



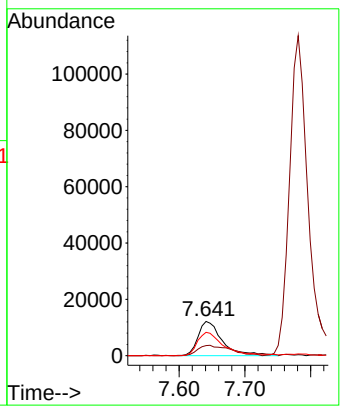


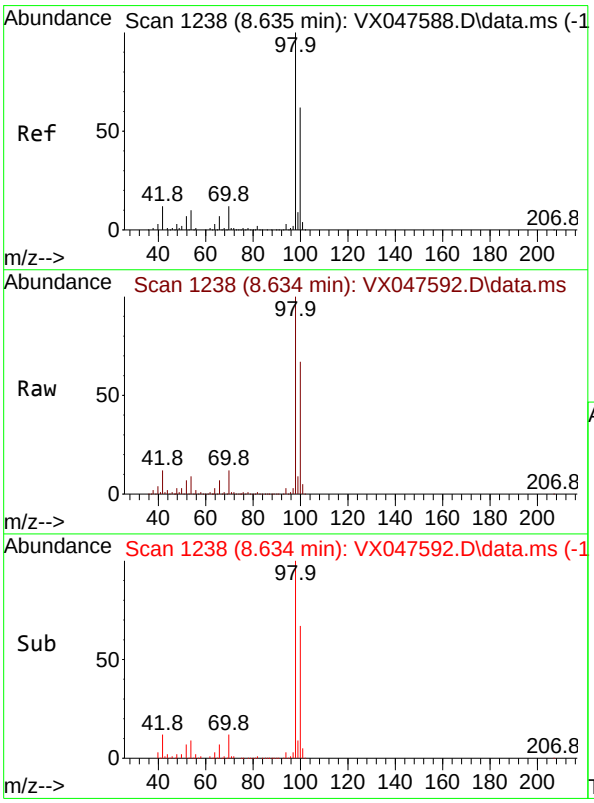
#49
1,4-Dioxane
Concen: 1089.520 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 88 Resp: 31320

Ion	Ratio	Lower	Upper
88	100		
43	40.9	30.2	45.2
58	74.1	59.5	89.3

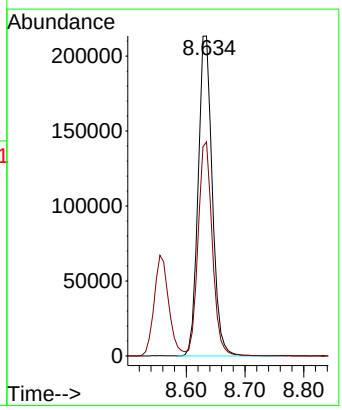


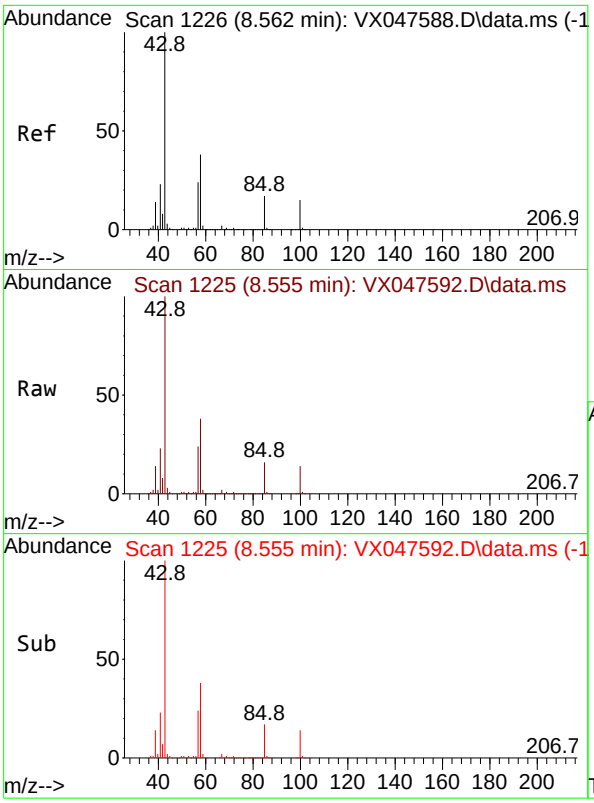


#50
Toluene-d8
Concen: 46.411 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 98 Resp: 357393

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4



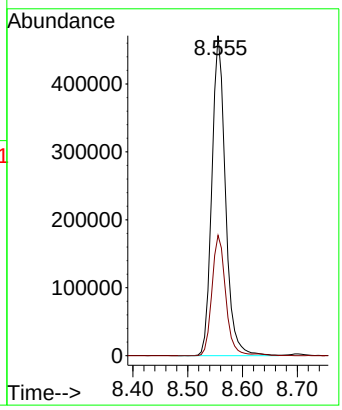


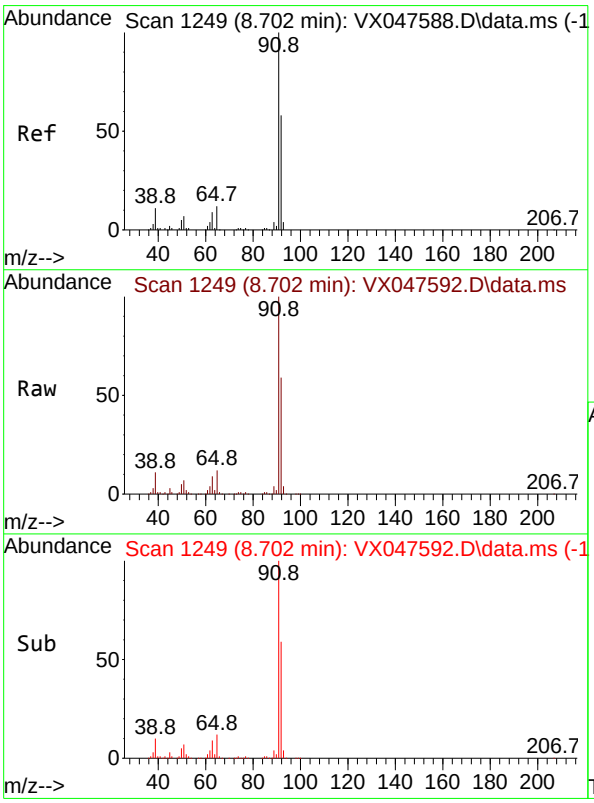
#51
4-Methyl-2-Pentanone
Concen: 255.752 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 809759

Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.3	45.5

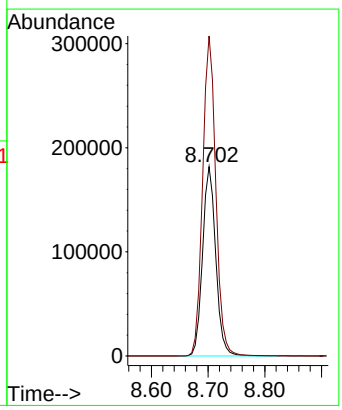


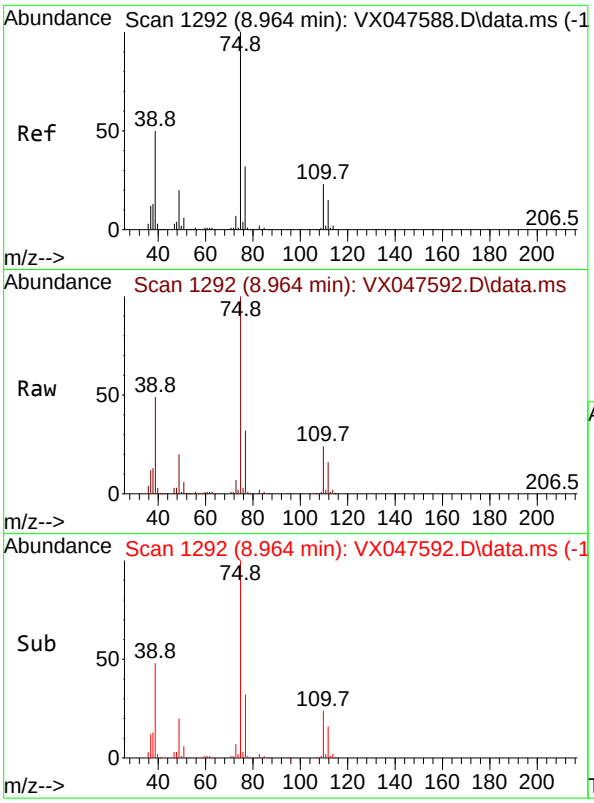


#52
Toluene
Concen: 48.130 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 92 Resp: 292879

Ion	Ratio	Lower	Upper
92	100		
91	169.4	137.1	205.7



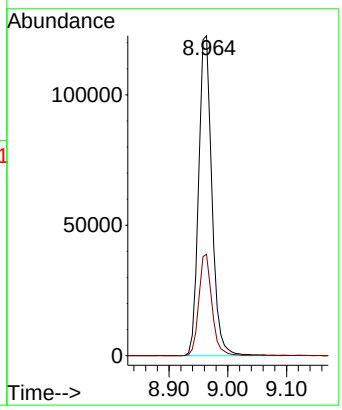


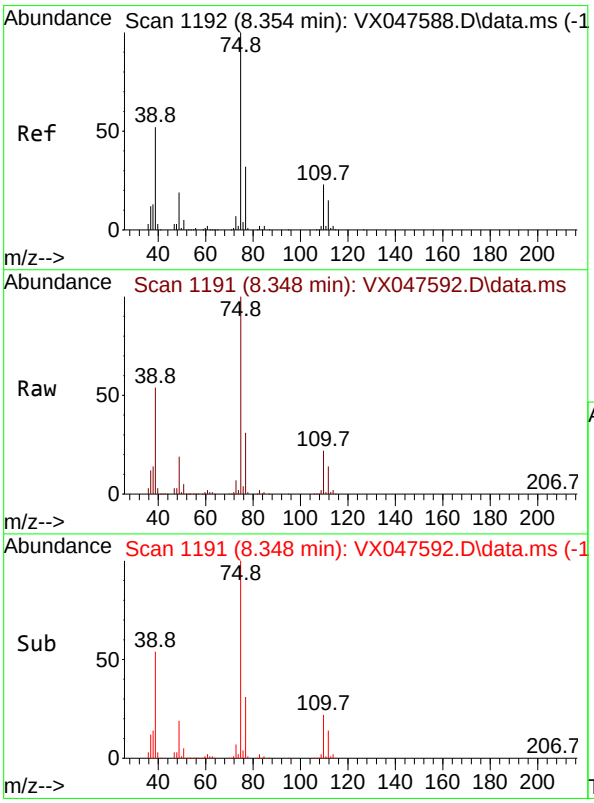
#53
t-1,3-Dichloropropene
Concen: 49.527 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 75 Resp: 191863

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

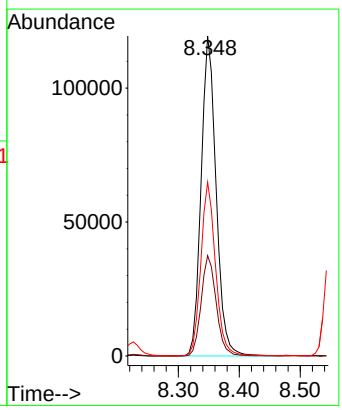


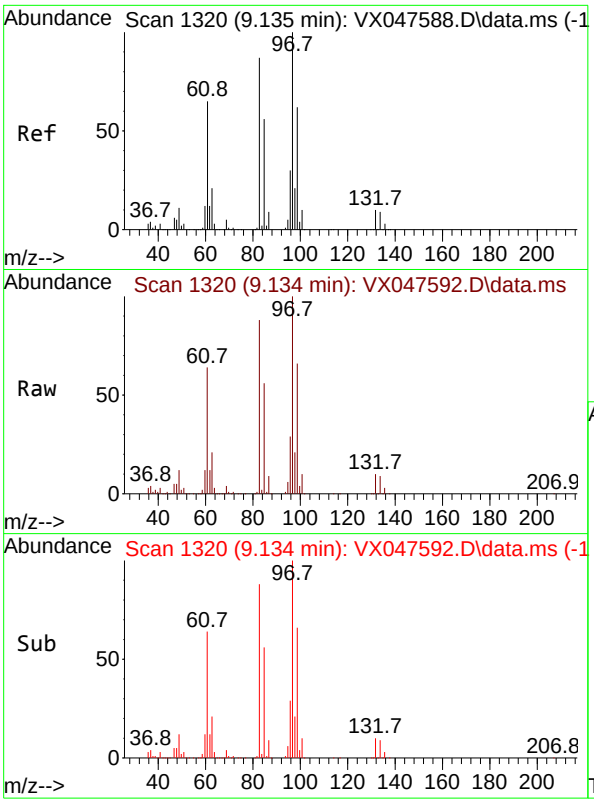


#54
cis-1,3-Dichloropropene
Concen: 49.257 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



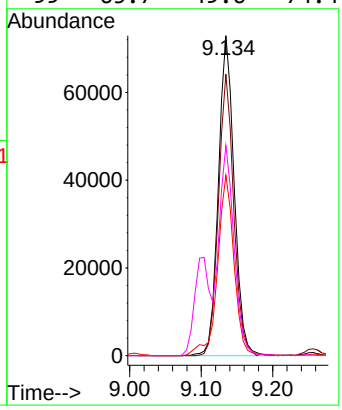


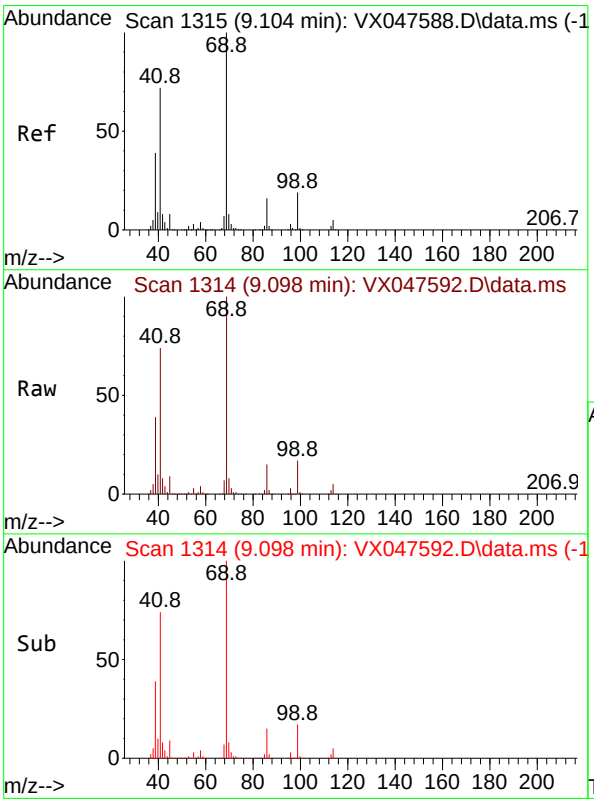
#55
1,1,2-Trichloroethane
Concen: 47.772 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 97 Resp: 112094

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

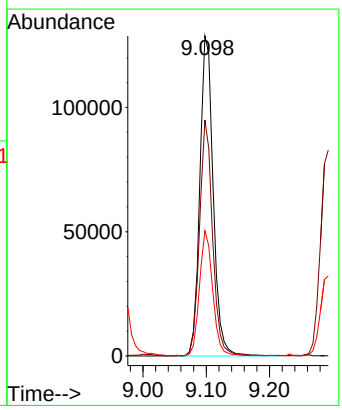


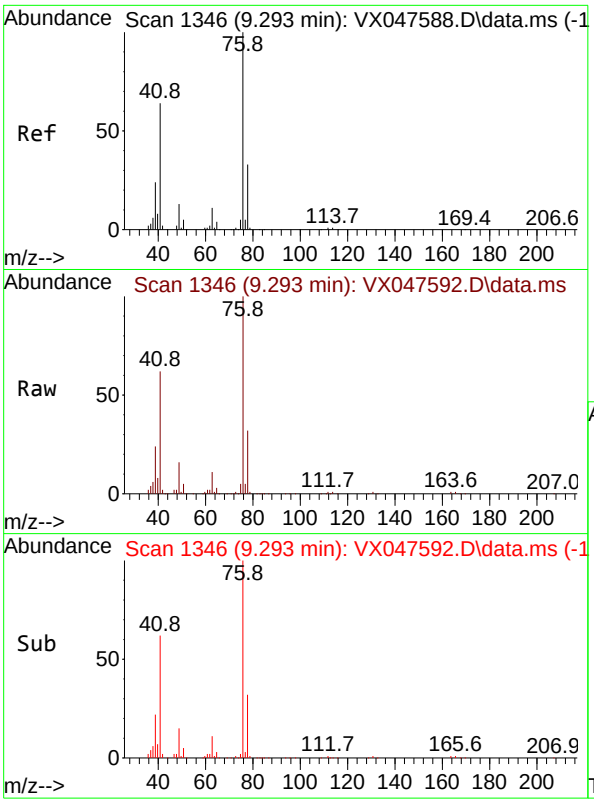


#56
Ethyl methacrylate
Concen: 51.490 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



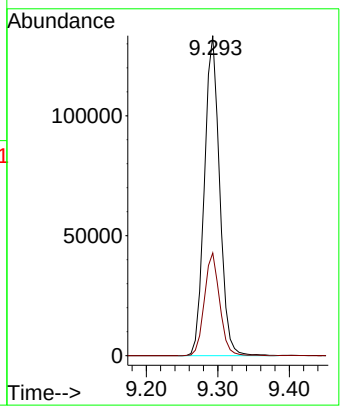


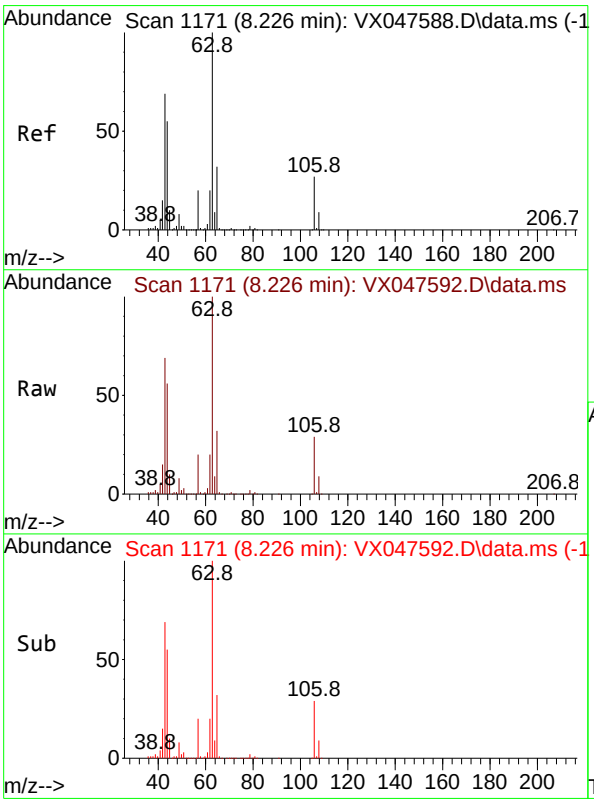
#57
1,3-Dichloropropane
Concen: 48.894 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 76 Resp: 197079

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

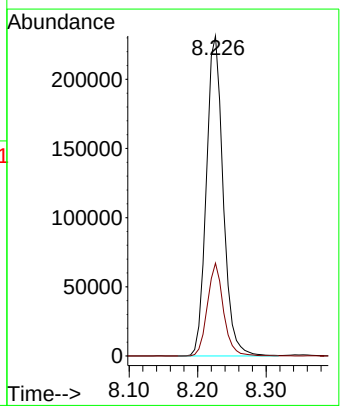


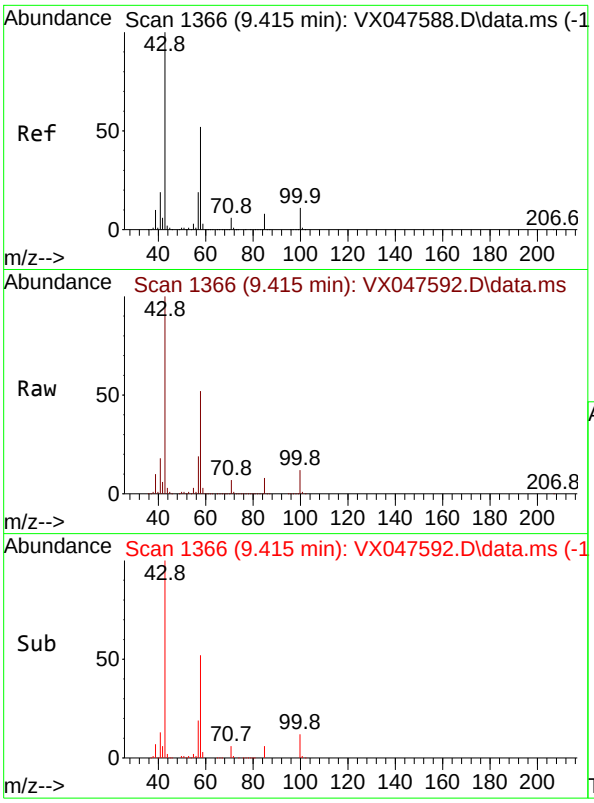


#58
2-Chloroethyl Vinyl ether
Concen: 225.562 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 63 Resp: 394205

Ion	Ratio	Lower	Upper
63	100		
106	27.8	21.9	32.9



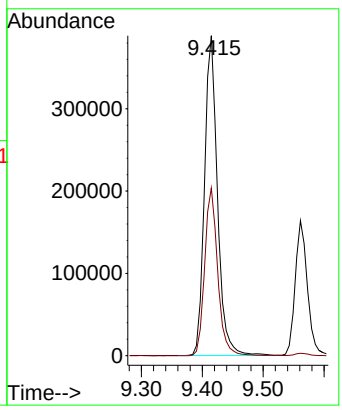


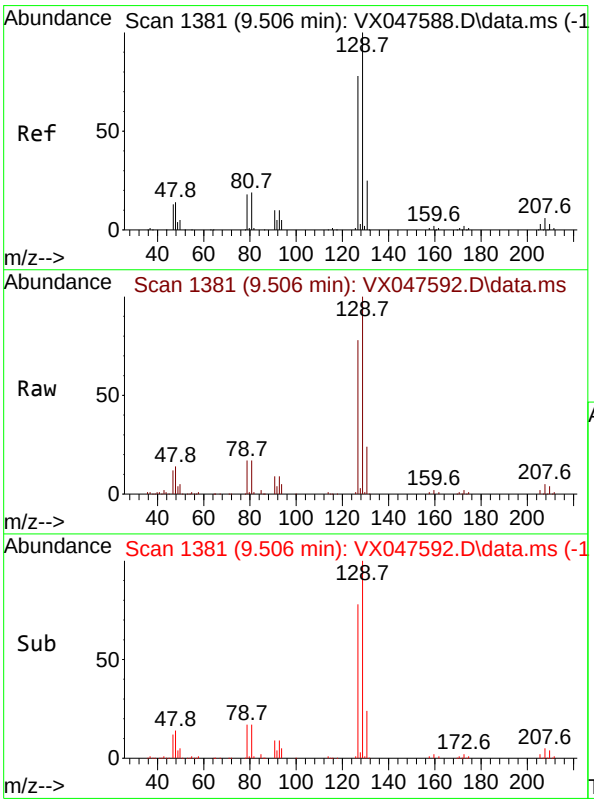
#59
2-Hexanone
Concen: 253.126 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 43 Resp: 575599

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.2

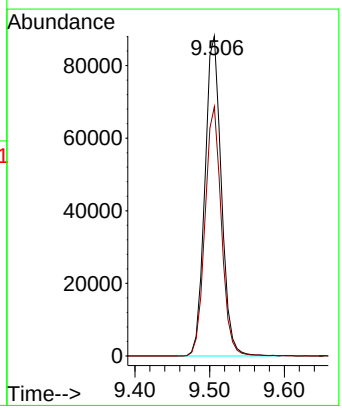


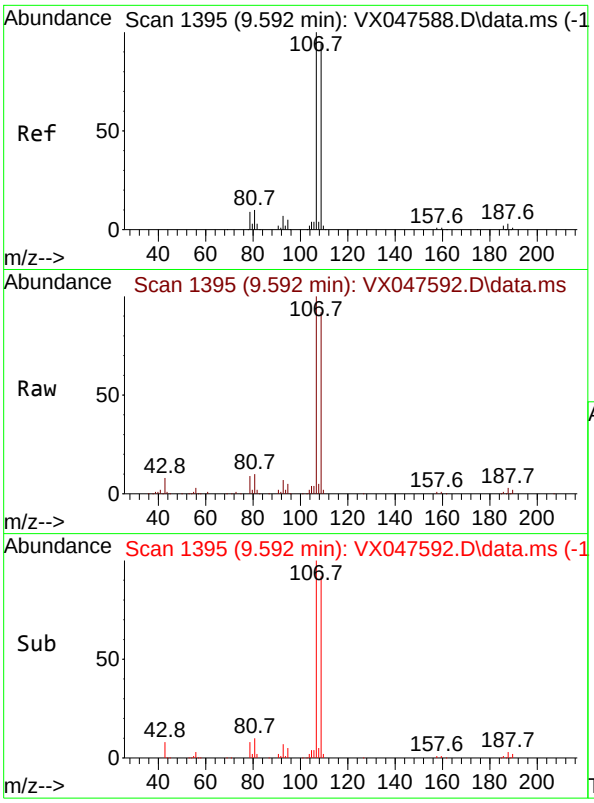


#60
Dibromochloromethane
Concen: 49.824 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:129 Resp: 134704

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.4	115.2



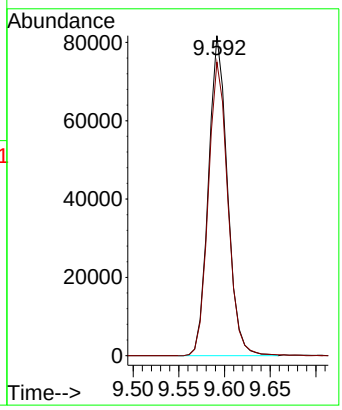


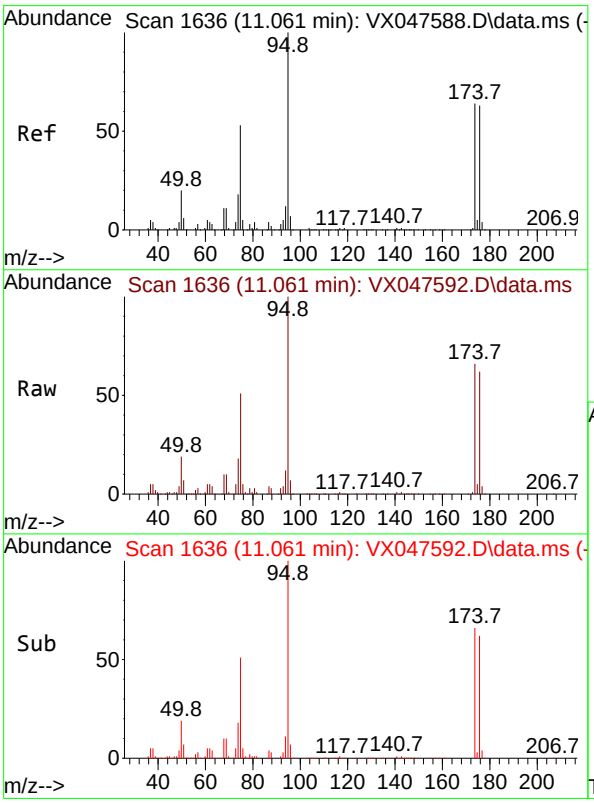
#61
1,2-Dibromoethane
Concen: 49.297 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:107 Resp: 117817

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.3	112.9

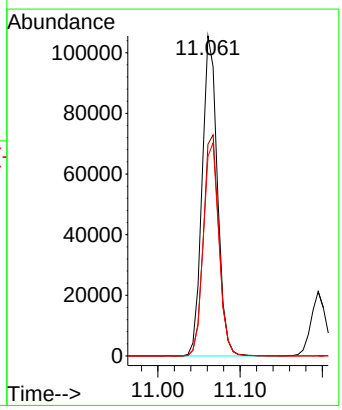


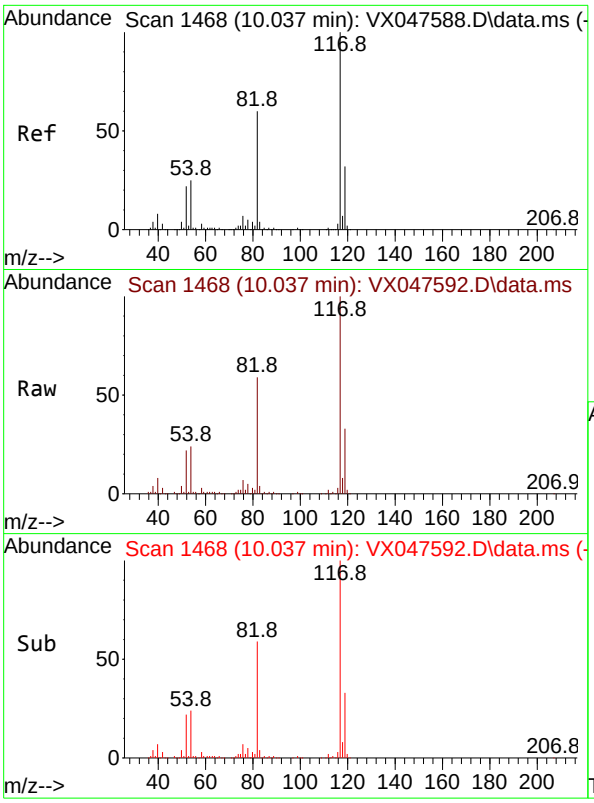


#62
4-Bromofluorobenzene
Concen: 46.520 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



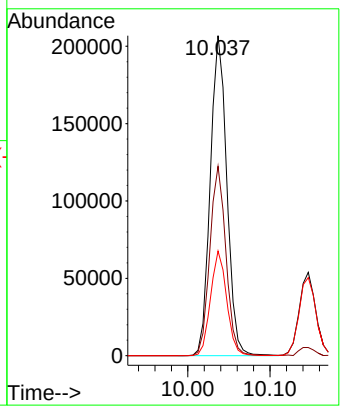


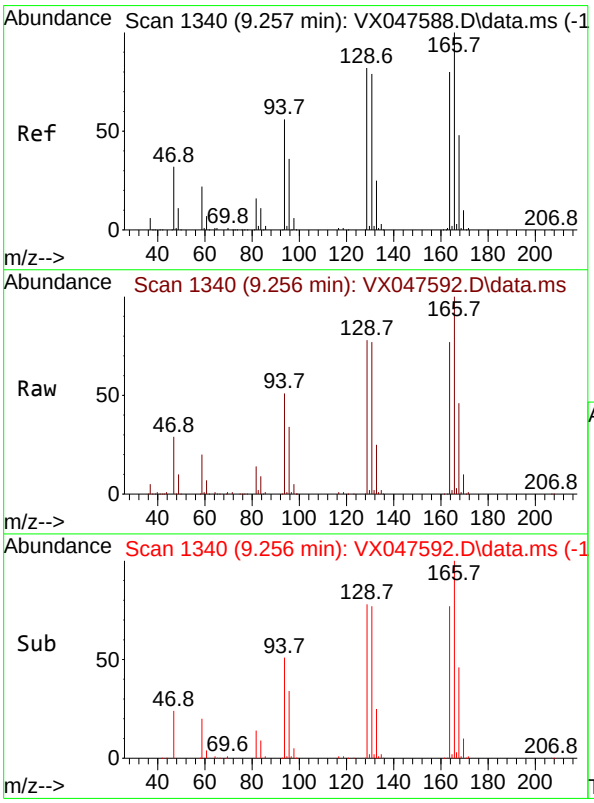
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:117 Resp: 288660

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.8	71.6
119	32.7	25.2	37.8

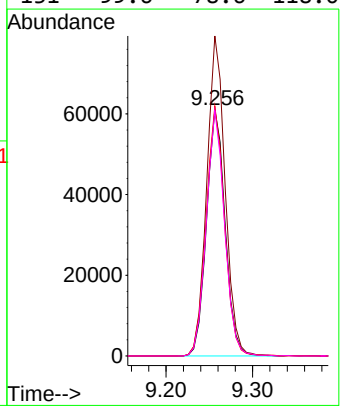


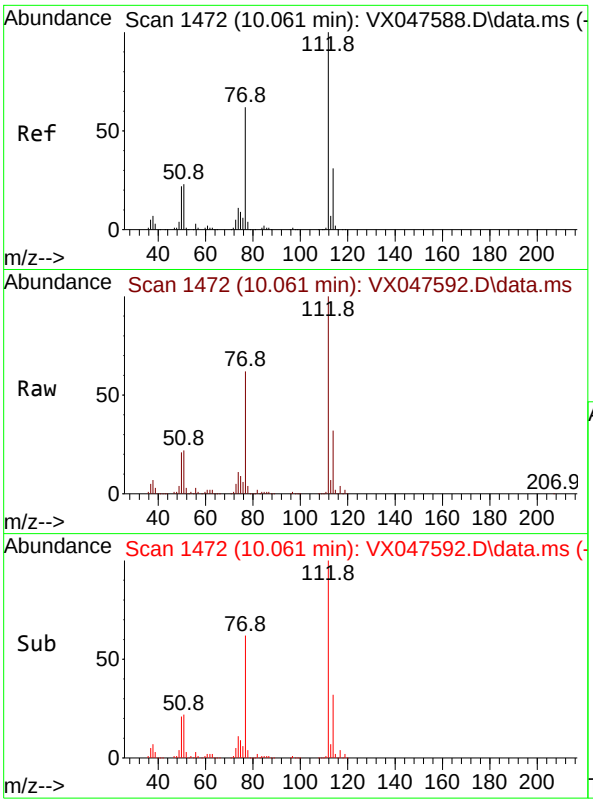


#64
Tetrachloroethene
Concen: 48.296 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



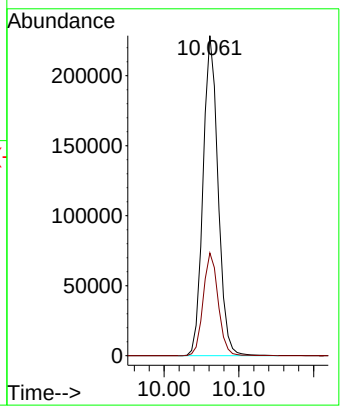


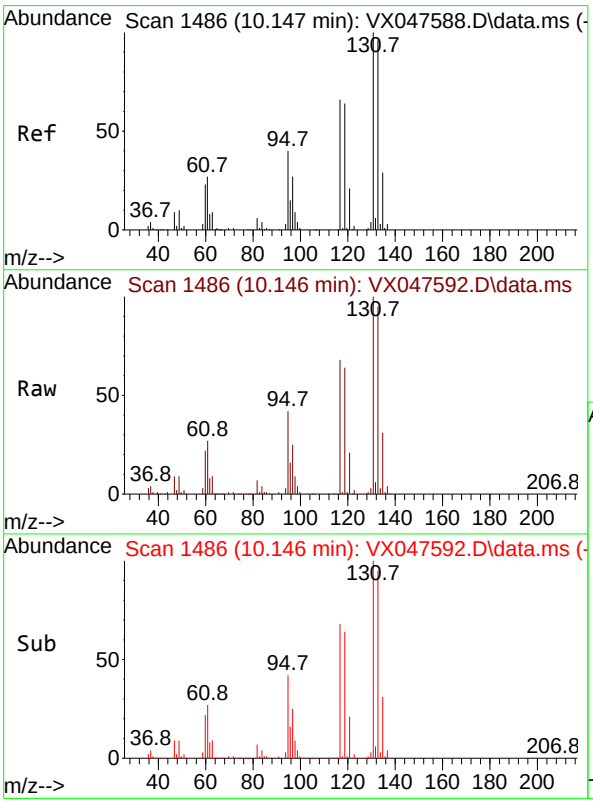
#65
Chlorobenzene
Concen: 48.549 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:112 Resp: 318372

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.1	37.7

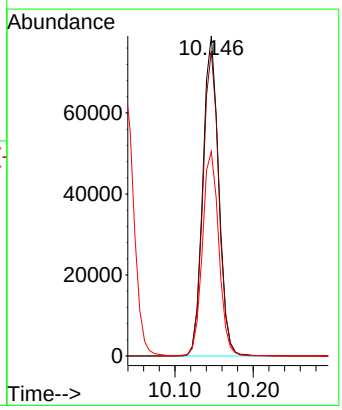


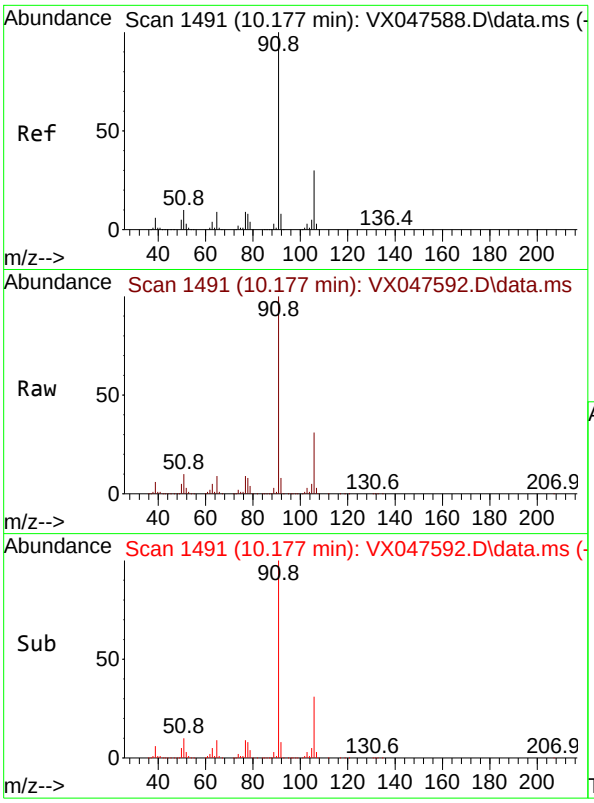


#66
1,1,1,2-Tetrachloroethane
Concen: 48.794 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



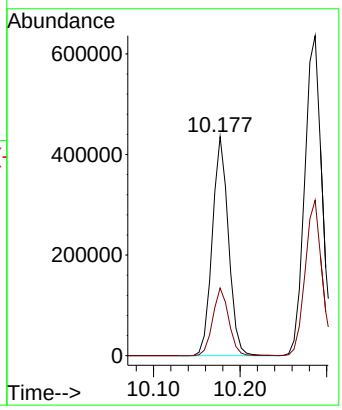


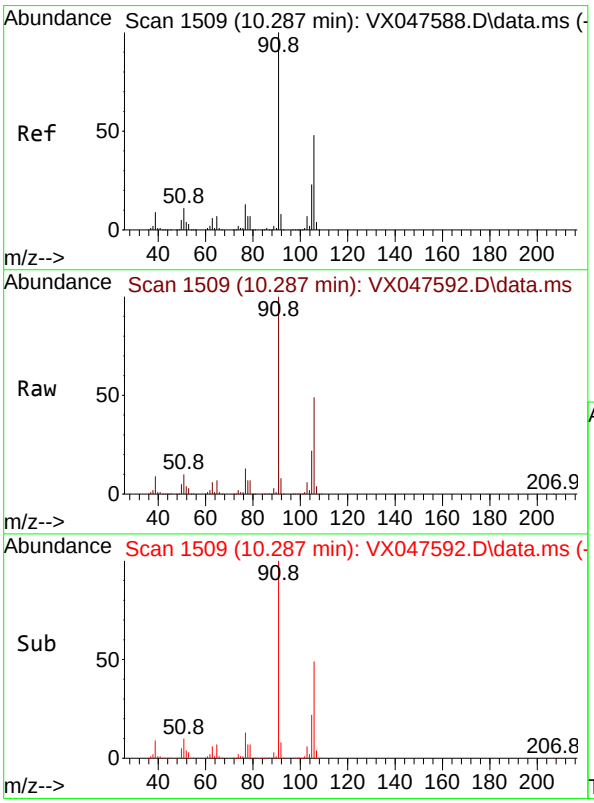
#67
Ethyl Benzene
Concen: 49.813 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 91 Resp: 563634

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5

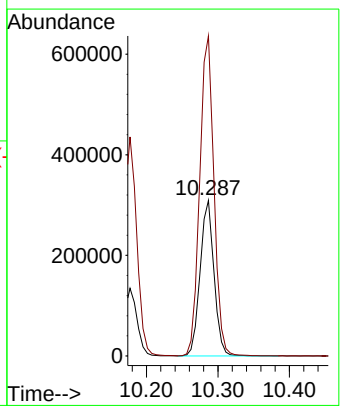


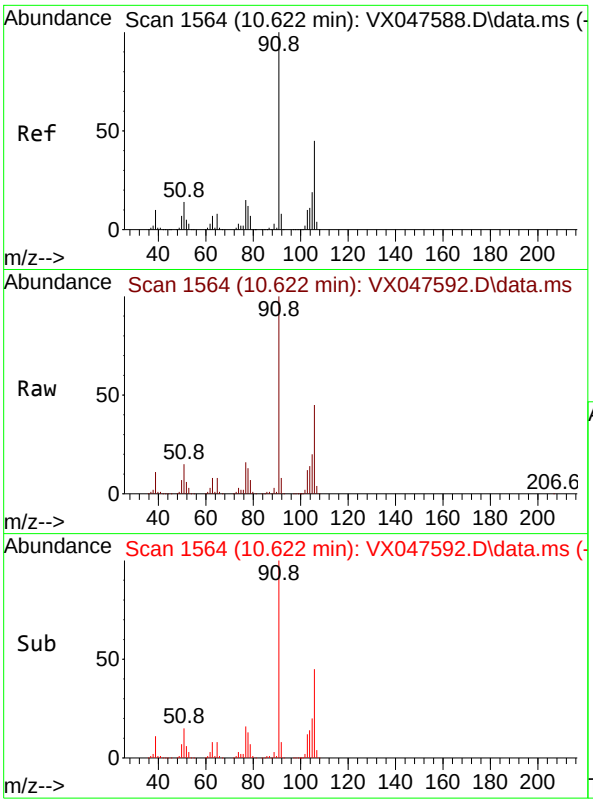


#68
m/p-Xylenes
Concen: 98.956 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:106 Resp: 416757

Ion	Ratio	Lower	Upper
106	100		
91	211.1	167.8	251.8



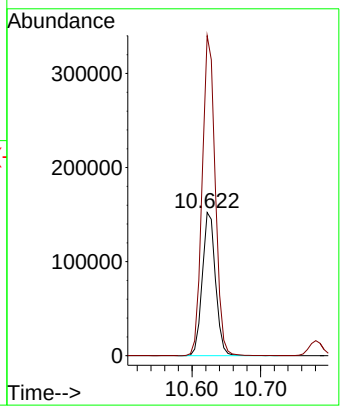


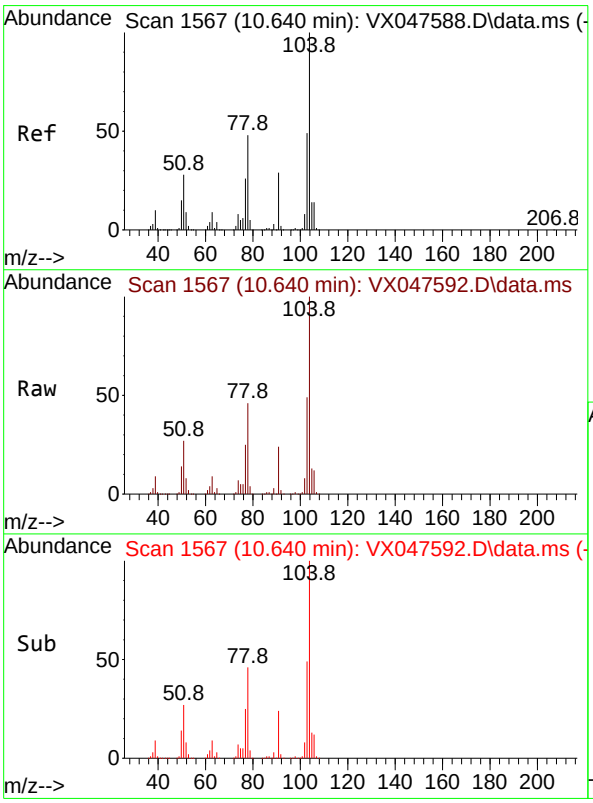
#69
o-Xylene
Concen: 50.159 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:106 Resp: 204323

Ion	Ratio	Lower	Upper
106	100		
91	221.0	111.1	333.4

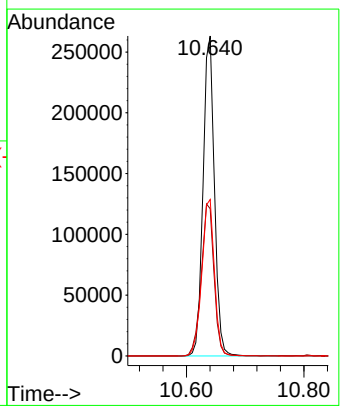


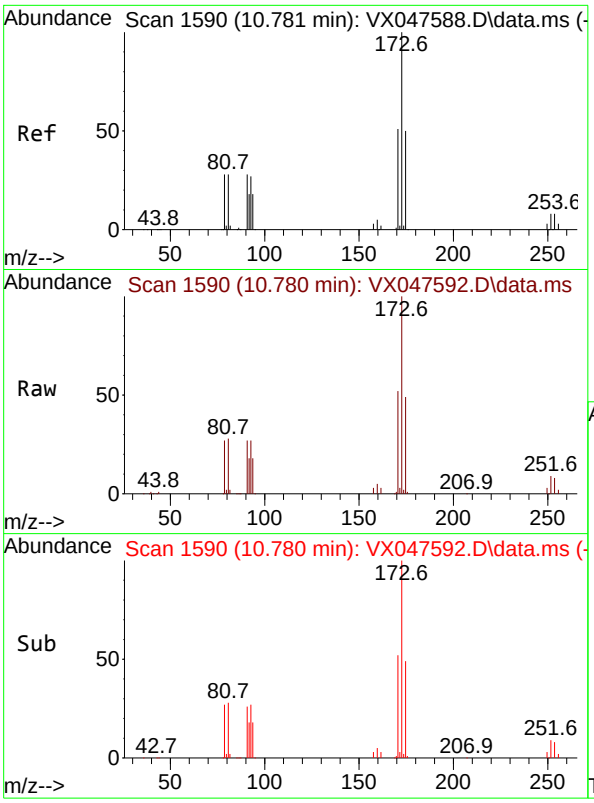


#70
Styrene
Concen: 49.536 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



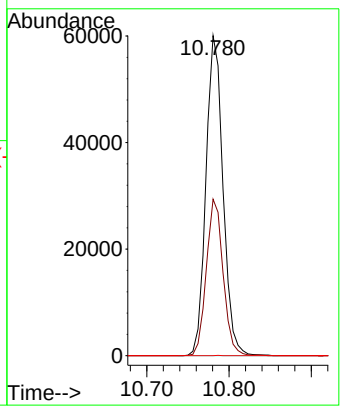


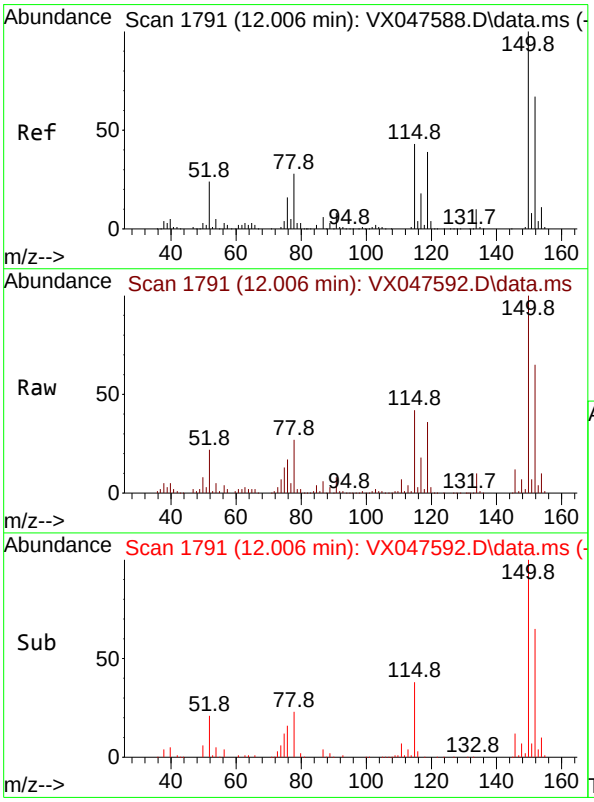
#71
Bromoform
Concen: 51.207 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:173 Resp: 86524

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.9	74.6
254	0.0	0.1	0.1#

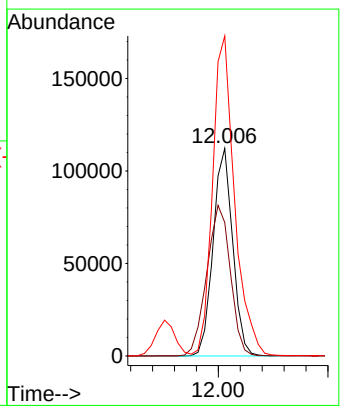


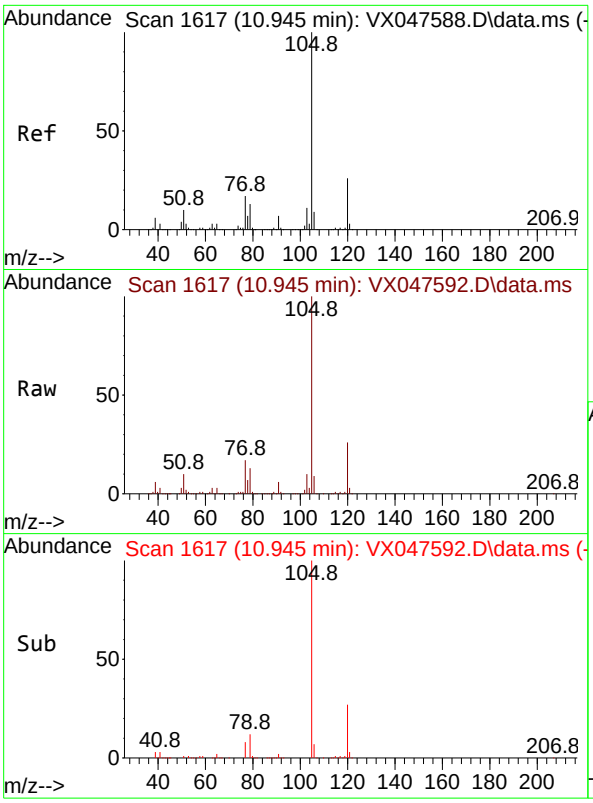


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



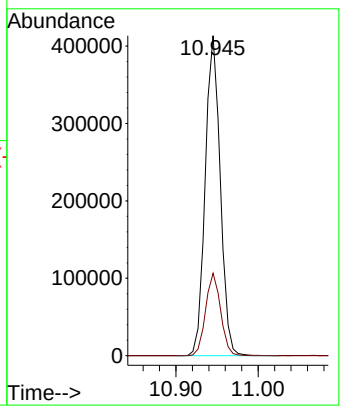


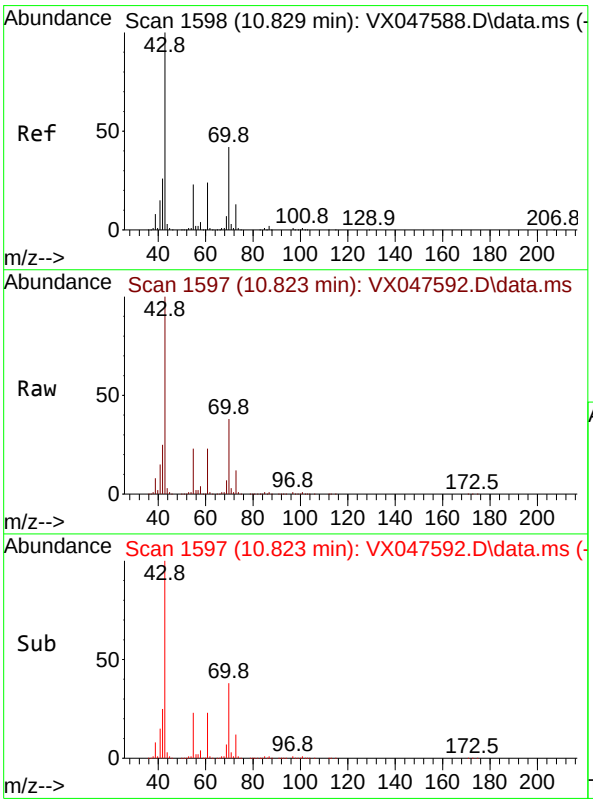
#73
Isopropylbenzene
Concen: 49.479 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:105 Resp: 523826

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4

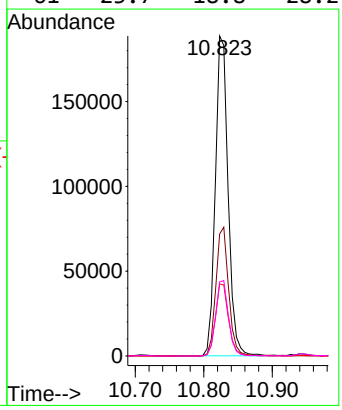


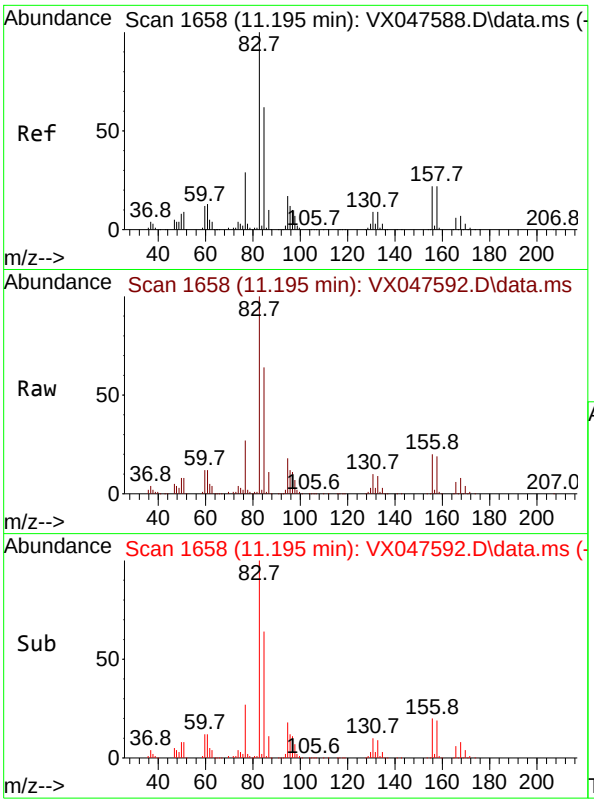


#74
N-amyl acetate
Concen: 50.375 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



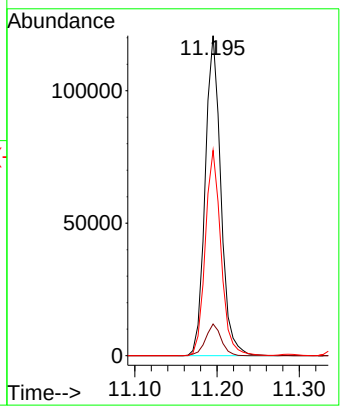


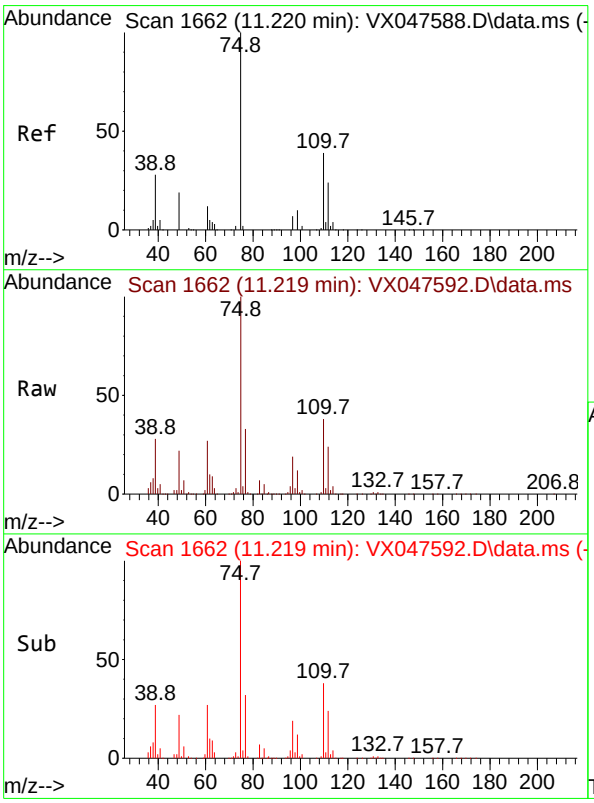
#75
1,1,2,2-Tetrachloroethane
Concen: 49.851 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 83 Resp: 159676

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.2	31.6	95.0

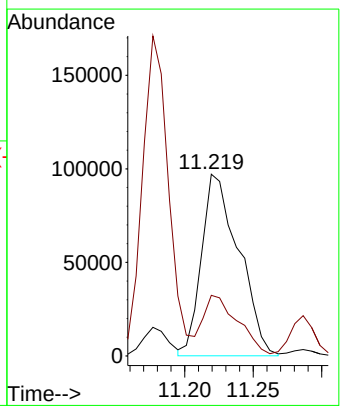


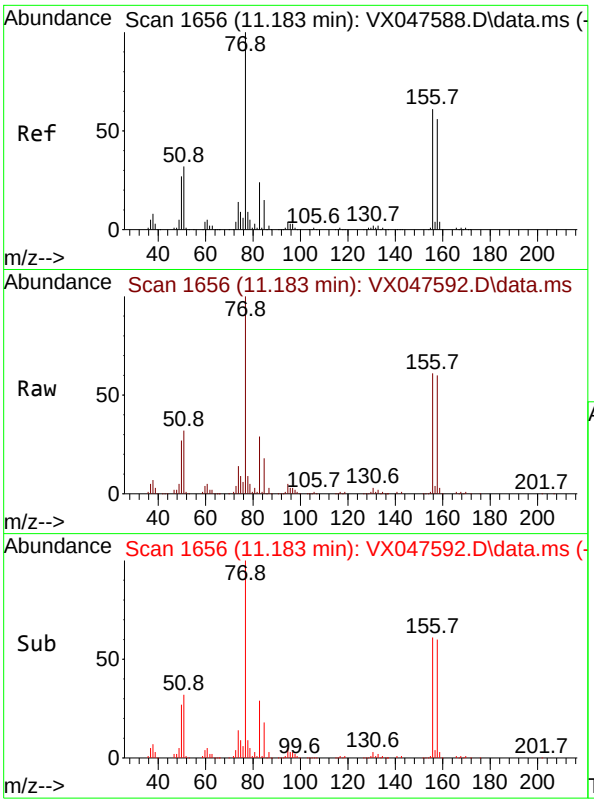


#76
1,2,3-Trichloropropane
Concen: 65.262 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 75 Resp: 184000

Ion	Ratio	Lower	Upper
75	100		
77	30.9	18.8	56.4



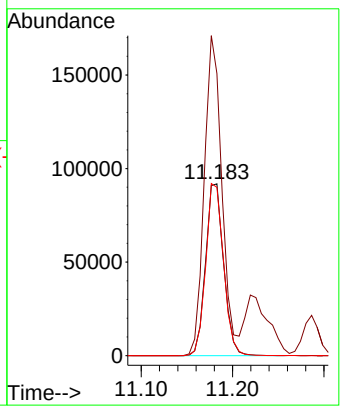


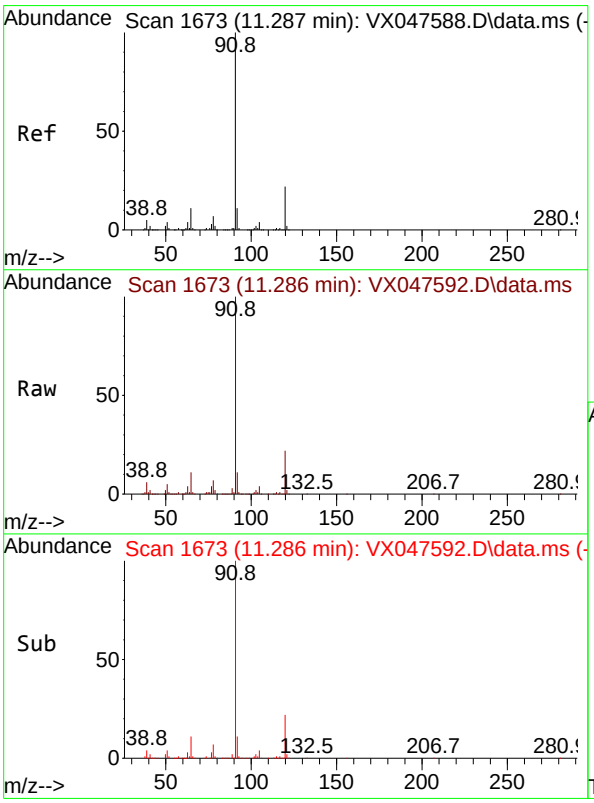
#77
Bromobenzene
Concen: 48.173 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:156 Resp: 125610

Ion	Ratio	Lower	Upper
156	100		
77	182.2	89.7	269.1
158	99.0	47.9	143.6

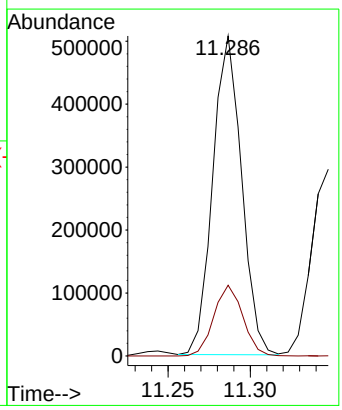


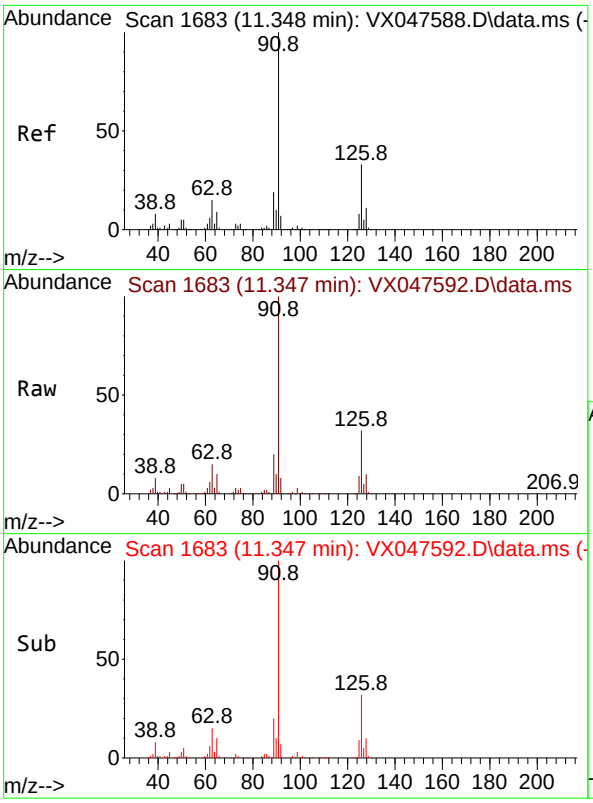


#78
n-propylbenzene
Concen: 49.295 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 616928

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



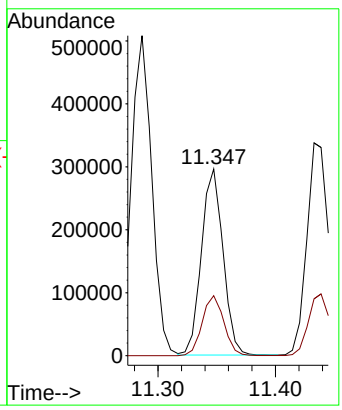


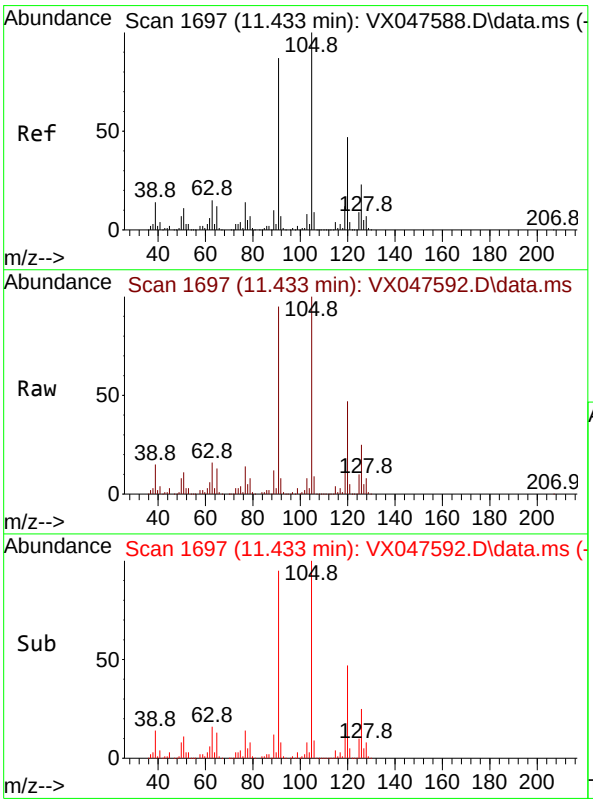
#79
2-Chlorotoluene
Concen: 49.117 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 91 Resp: 376486

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3

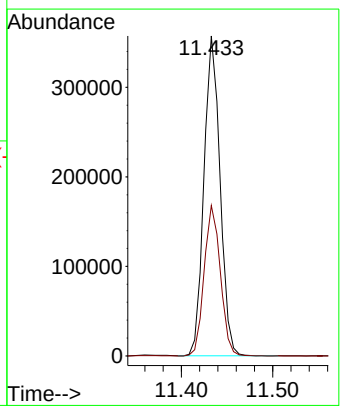


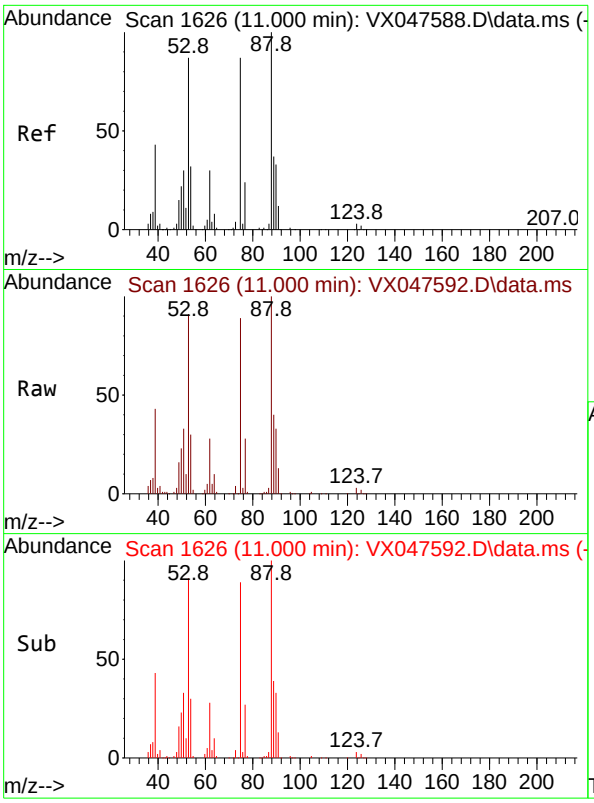


#80
1,3,5-Trimethylbenzene
Concen: 50.055 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 435375

Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.6	70.8



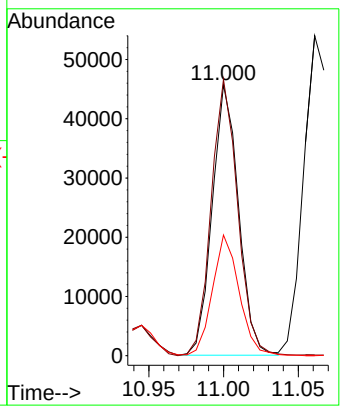


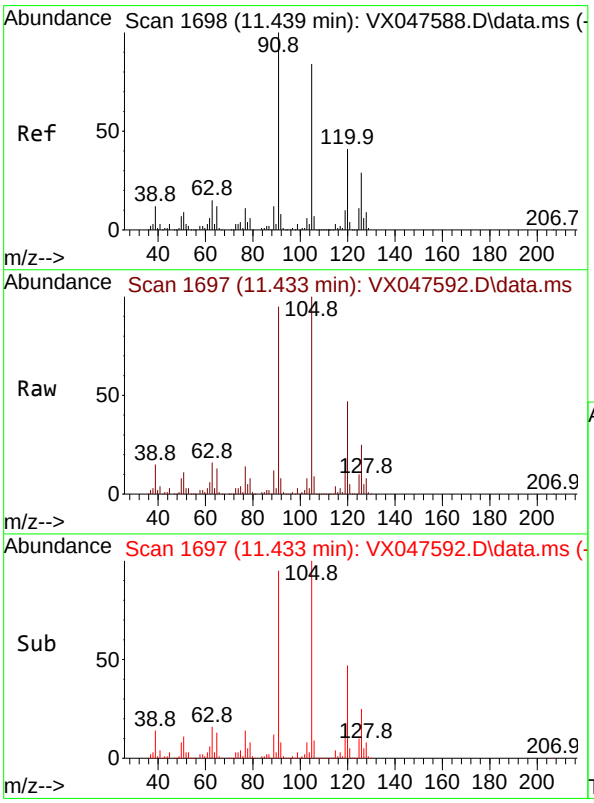
#81
trans-1,4-Dichloro-2-butene
Concen: 50.543 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 75 Resp: 55880

Ion	Ratio	Lower	Upper
75	100		
53	103.4	83.4	125.2
89	45.4	36.3	54.5

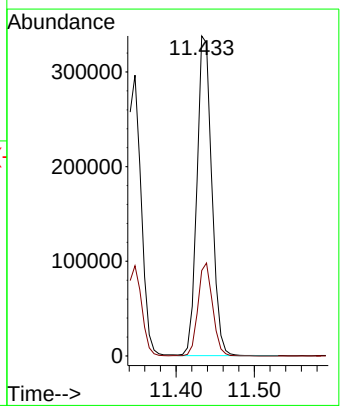


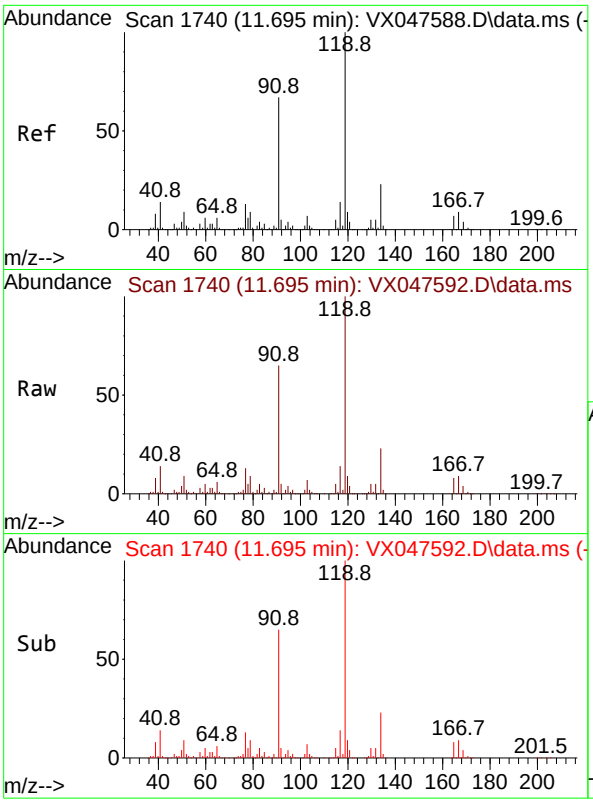


#82
4-Chlorotoluene
Concen: 49.164 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion: 91 Resp: 445075

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6



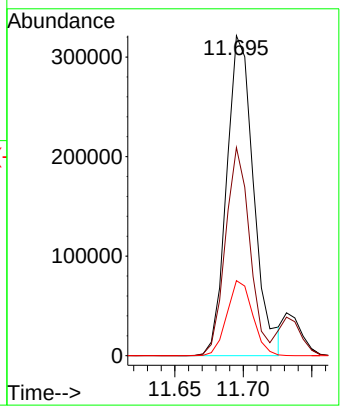


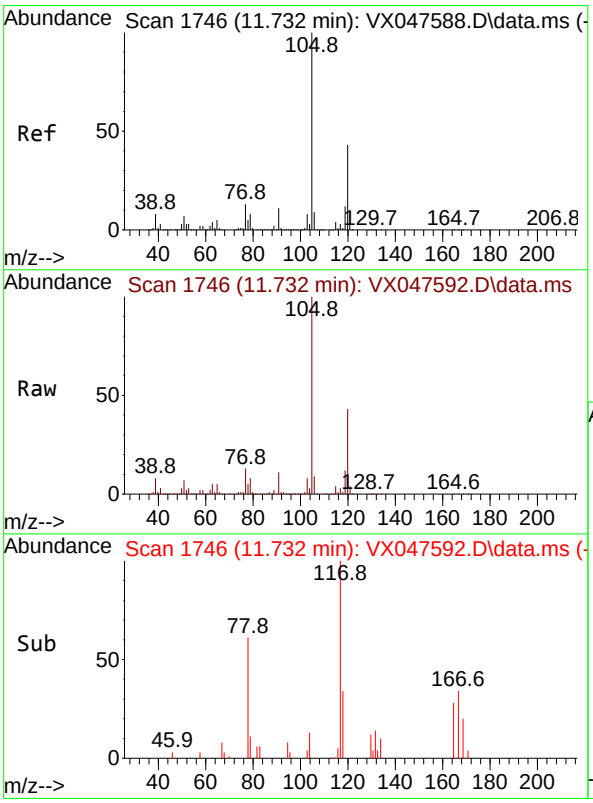
#83
tert-Butylbenzene
Concen: 49.679 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:119 Resp: 442341

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.3	11.0	33.0

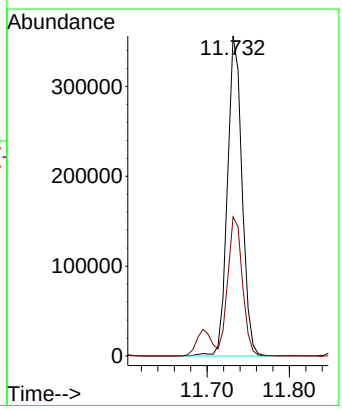


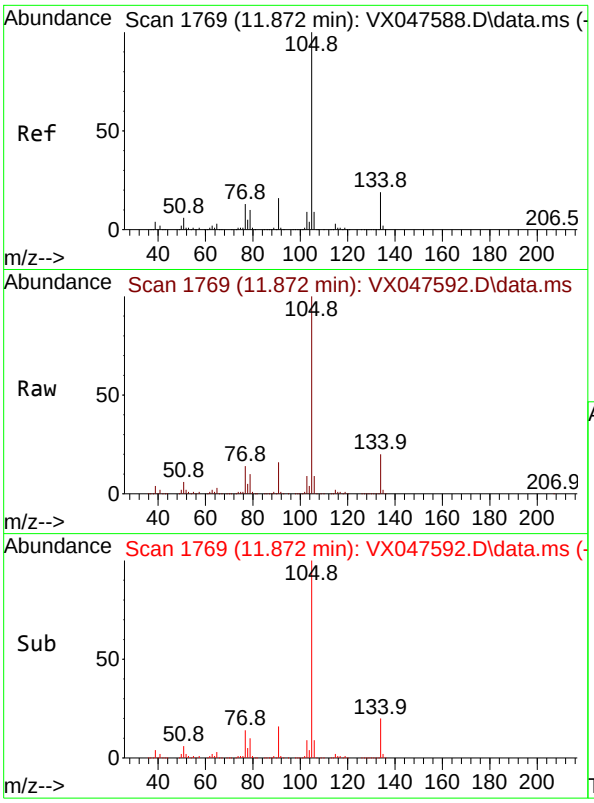


#84
1,2,4-Trimethylbenzene
Concen: 49.911 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:105 Resp: 440134

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.1	66.1



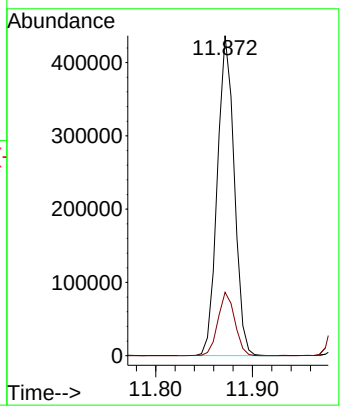


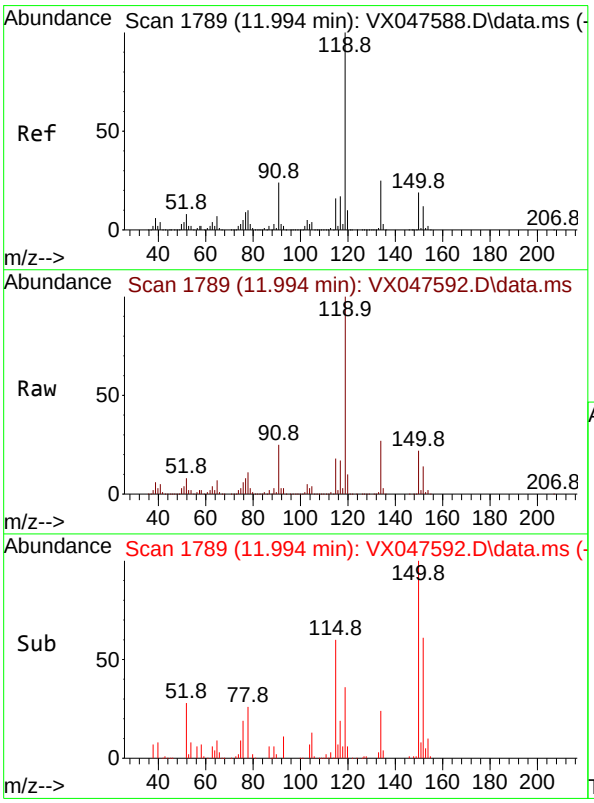
#85
sec-Butylbenzene
Concen: 50.100 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:105 Resp: 529869

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

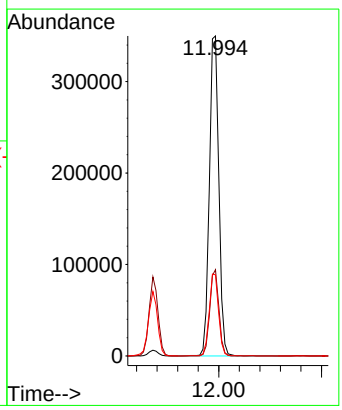


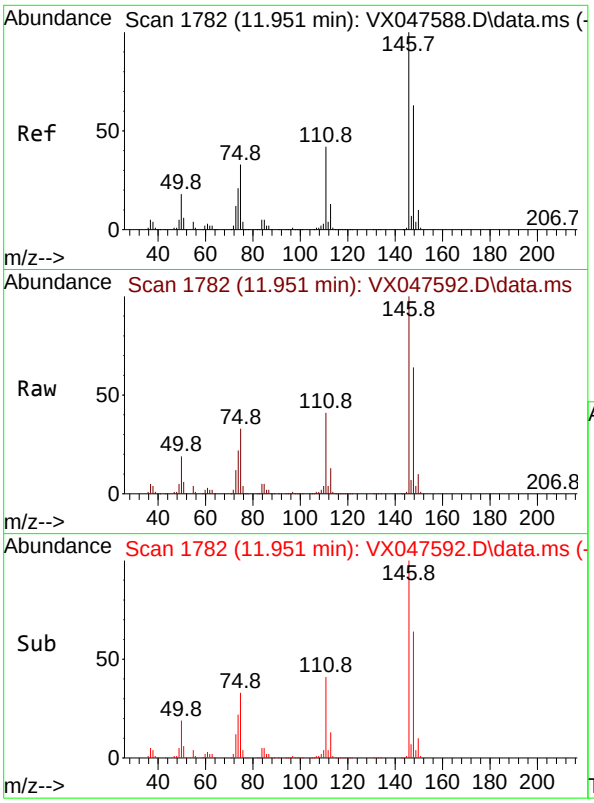


#86
p-Isopropyltoluene
Concen: 49.861 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



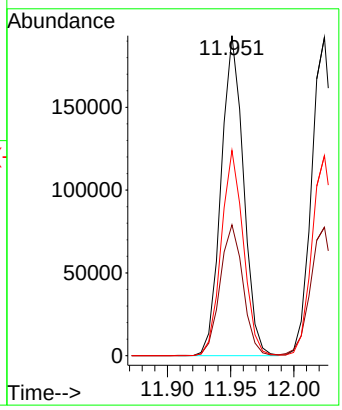


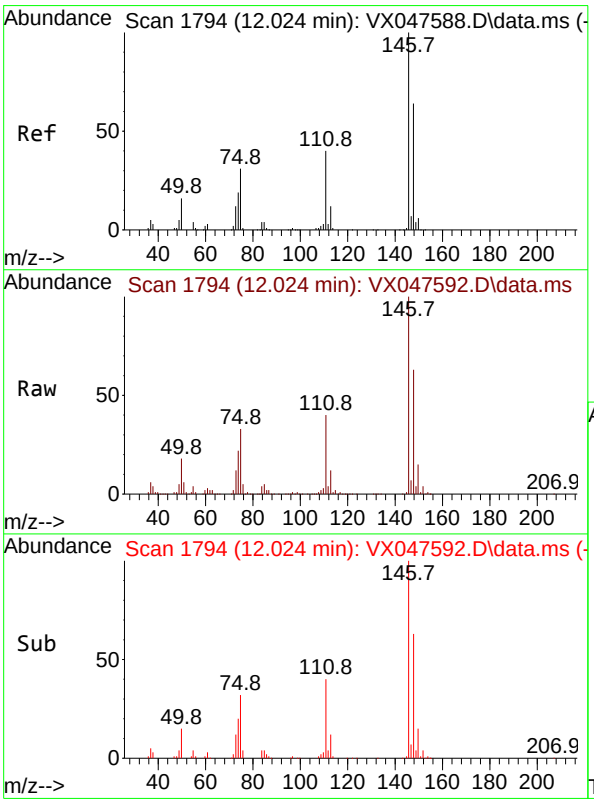
#87
1,3-Dichlorobenzene
Concen: 49.014 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:146 Resp: 237383

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.5	64.5
148	63.5	32.0	96.0

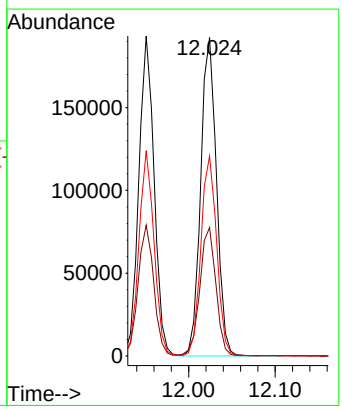


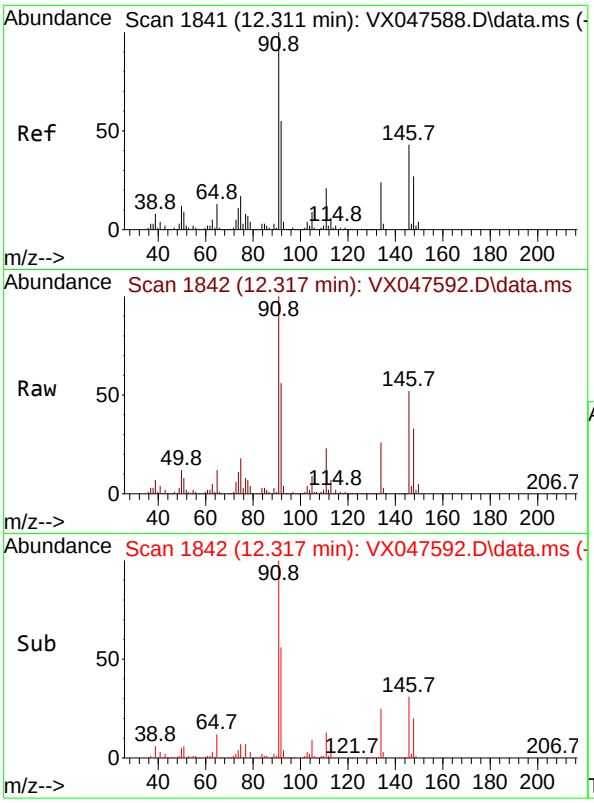


#88
1,4-Dichlorobenzene
Concen: 49.011 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



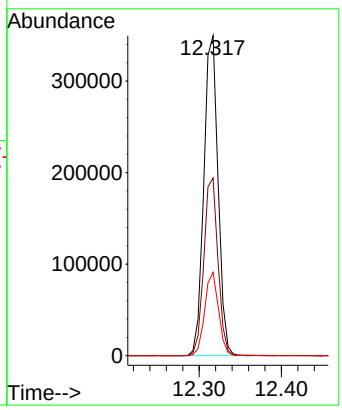


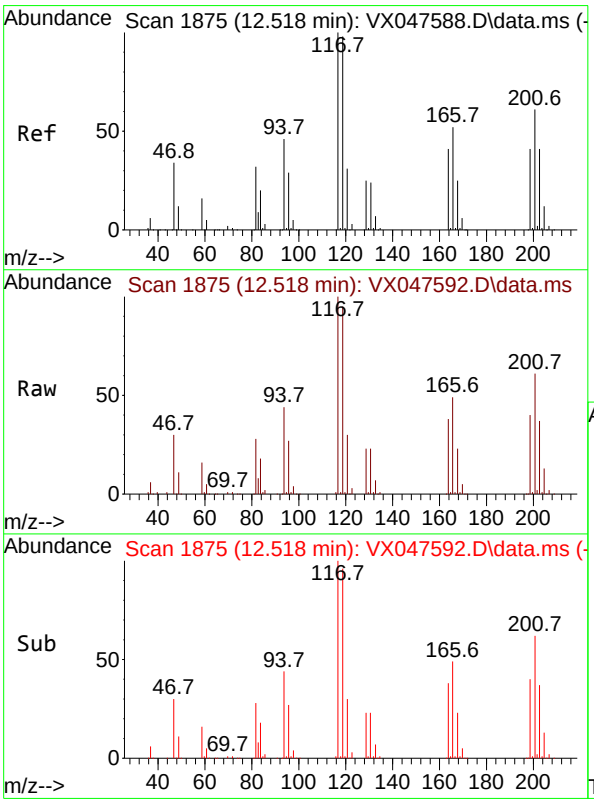
#89
n-Butylbenzene
Concen: 50.752 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion: 91 Resp: 420478

Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.6	82.7
134	25.3	12.6	37.8

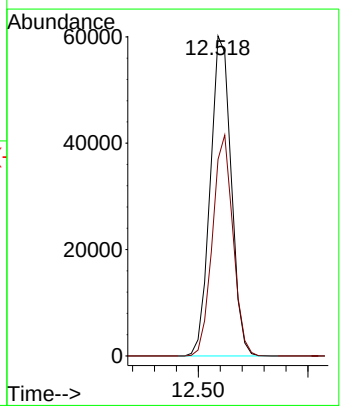


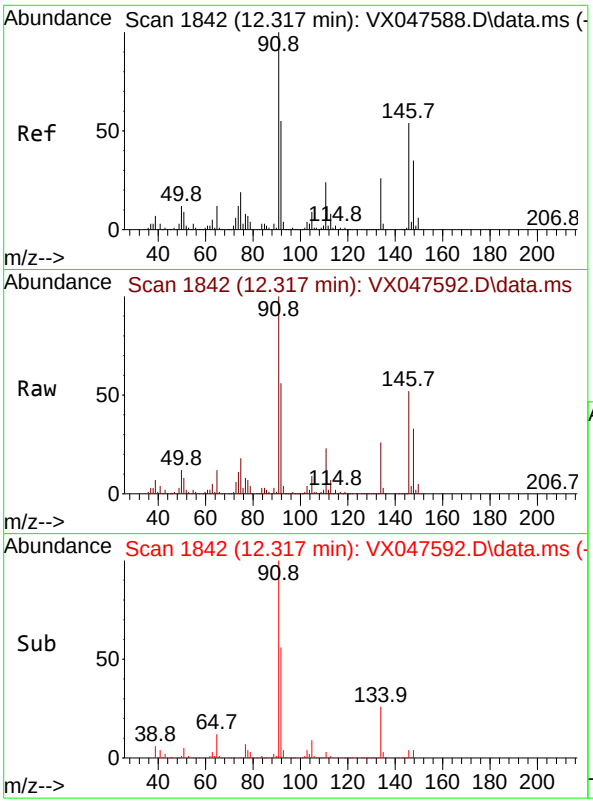


#90
Hexachloroethane
Concen: 50.732 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Tgt Ion:117 Resp: 79751

Ion	Ratio	Lower	Upper
117	100		
201	67.7	34.2	102.5



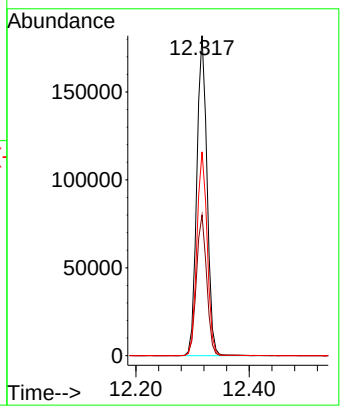


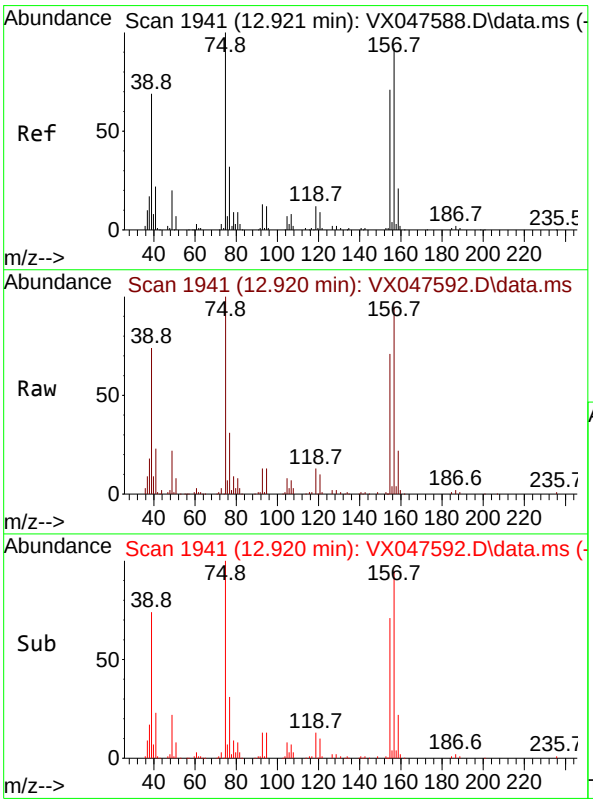
#91
1,2-Dichlorobenzene
Concen: 49.304 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:146 Resp: 227493

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.2	66.6
148	64.1	31.8	95.4

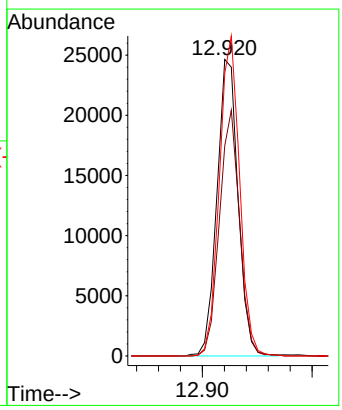


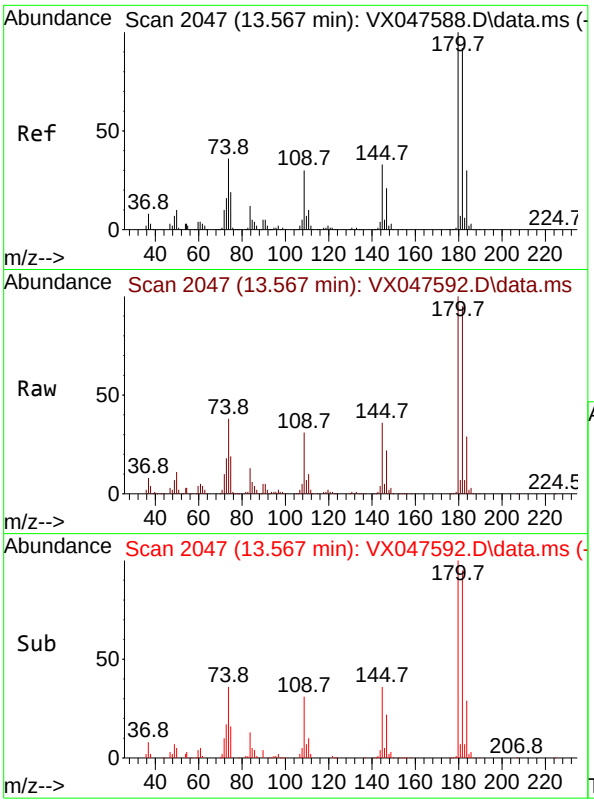


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.918 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



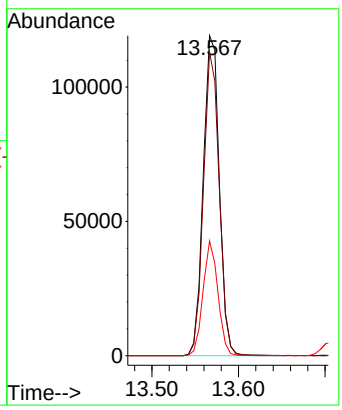


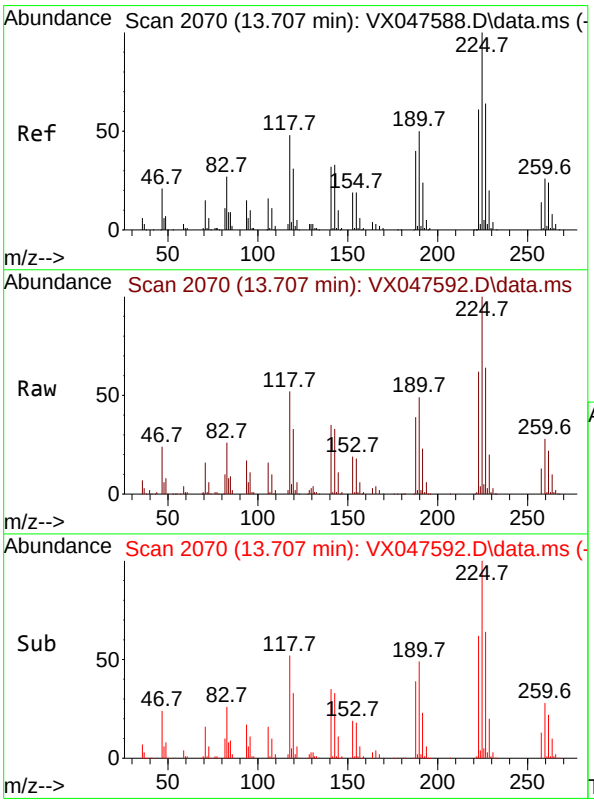
#93
1,2,4-Trichlorobenzene
Concen: 51.133 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:180 Resp: 153333

Ion	Ratio	Lower	Upper
180	100		
182	93.1	46.6	139.8
145	33.3	16.4	49.1

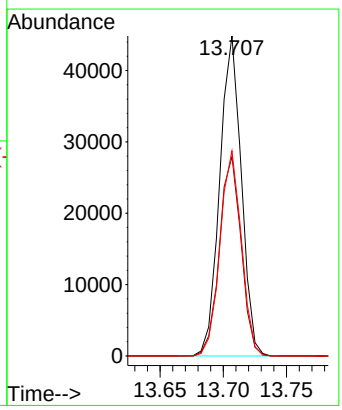


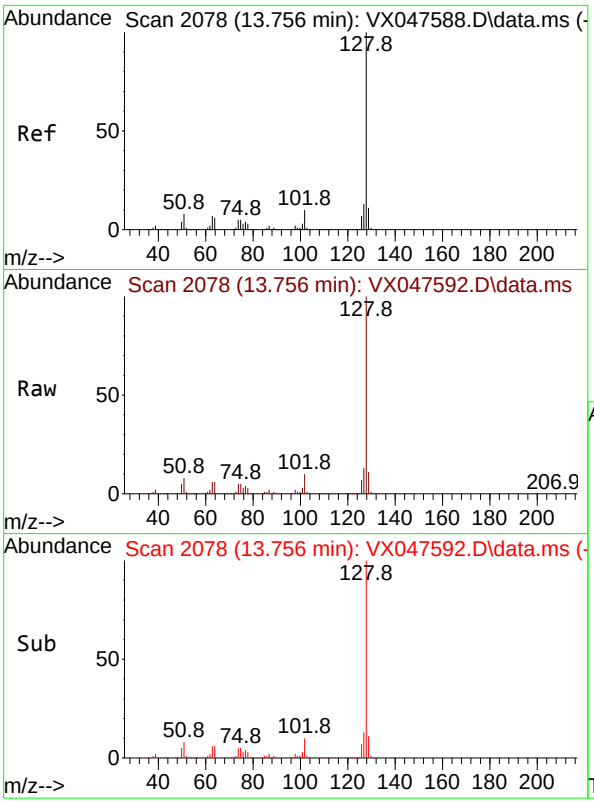


#94
Hexachlorobutadiene
Concen: 52.131 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



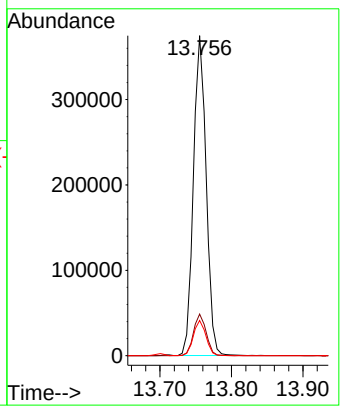


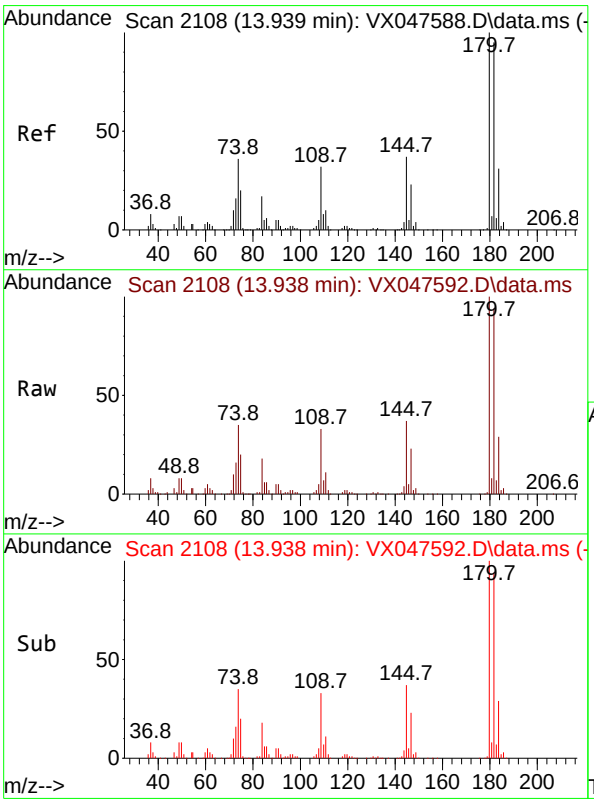
#95
Naphthalene
Concen: 50.836 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091625

Tgt Ion:128 Resp: 464206

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2

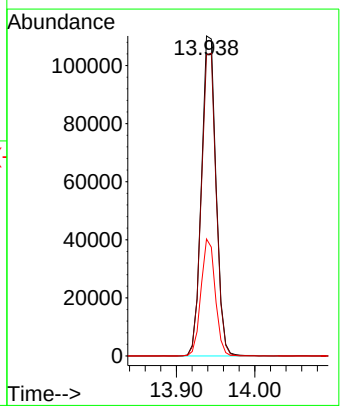




#96
1,2,3-Trichlorobenzene
Concen: 51.054 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX047592.D
Acq: 16 Sep 2025 13:35

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



Quantitation Report (Not Reviewed)

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
ClientSampleId :
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

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

Quantitation Report (Not Reviewed)

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
ClientSampleId :
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

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	122956	62.747	ug/l	93
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

Quantitation Report (Not Reviewed)

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
ClientSampleId :
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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

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
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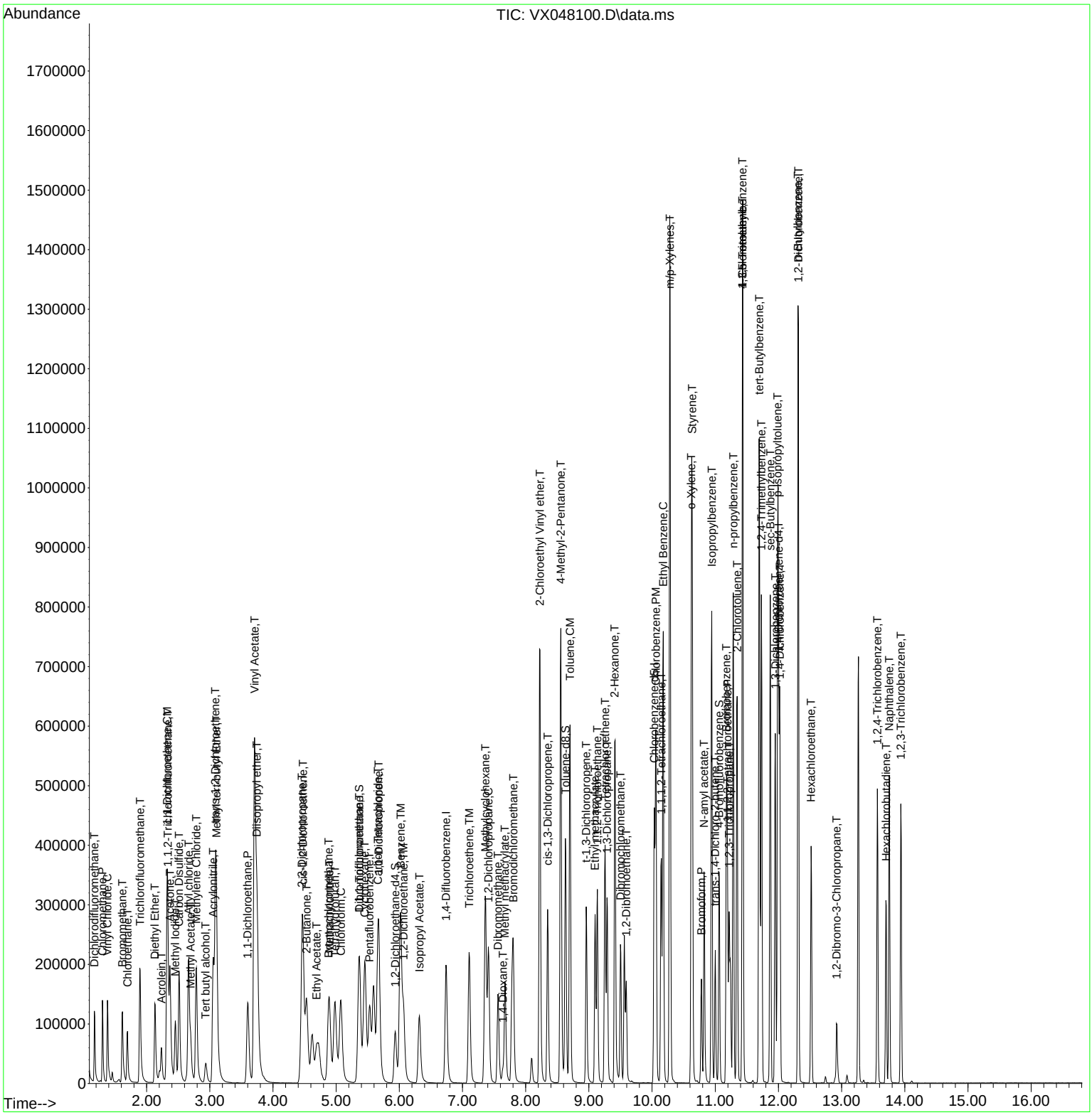
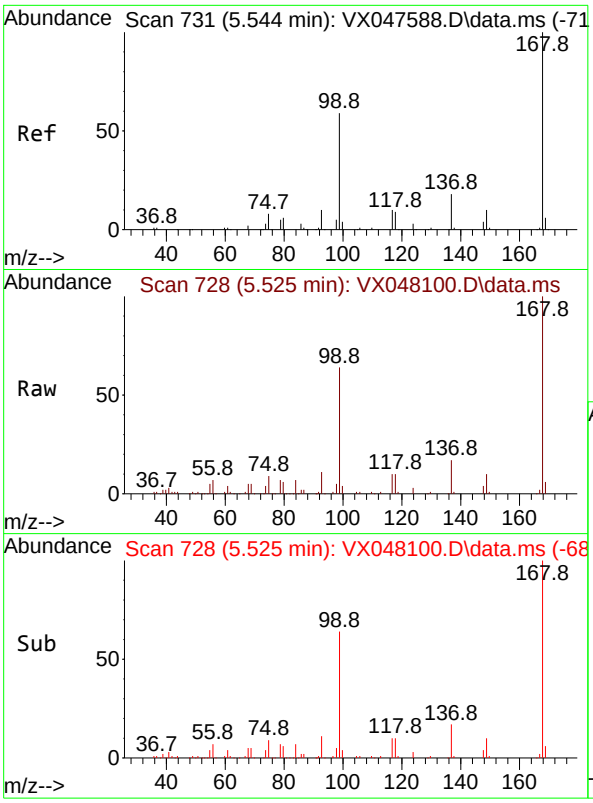
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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



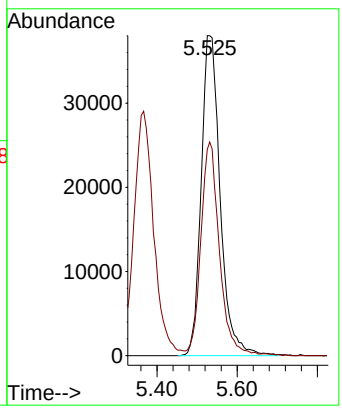


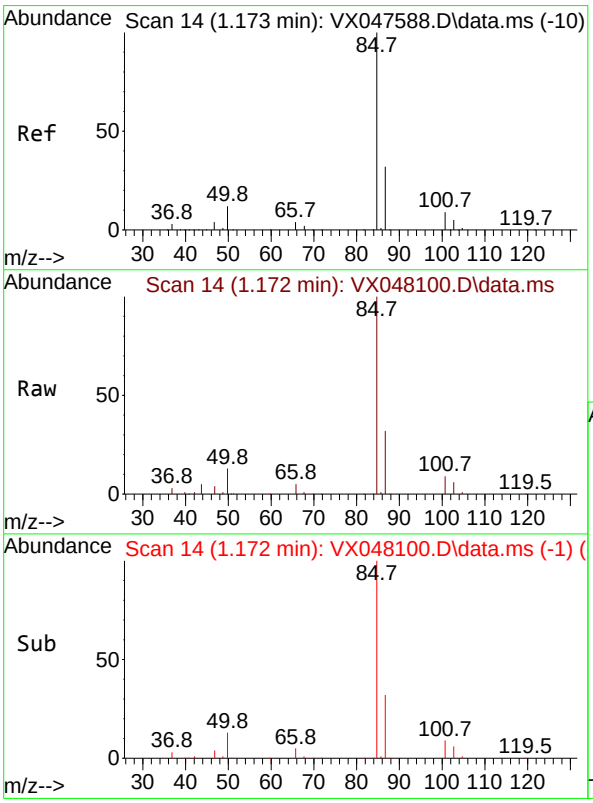
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 7
Delta R.T. -0.019 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 124915

Ion	Ratio	Lower	Upper
168	100		
99	64.1	48.8	73.2

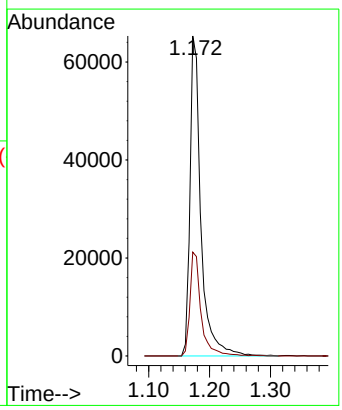


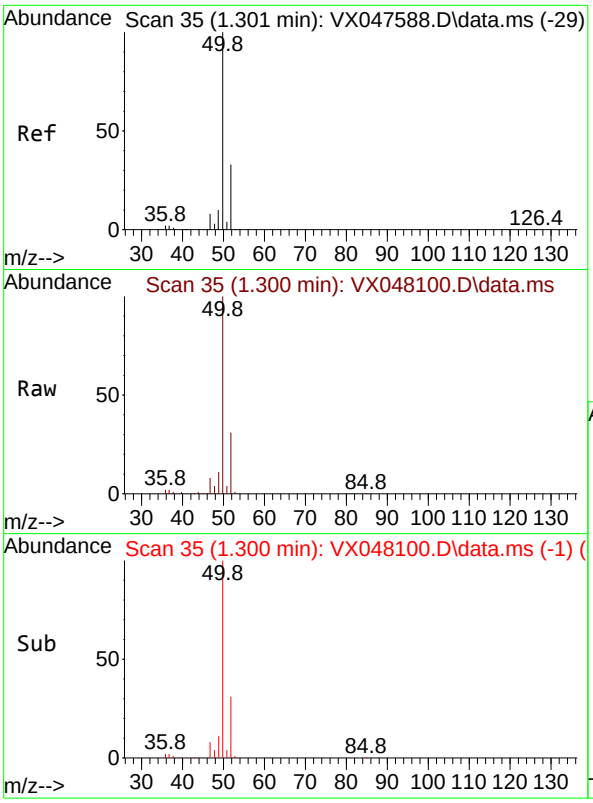


#2
Dichlorodifluoromethane
Concen: 62.704 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 85 Resp: 81109

Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.8	47.3



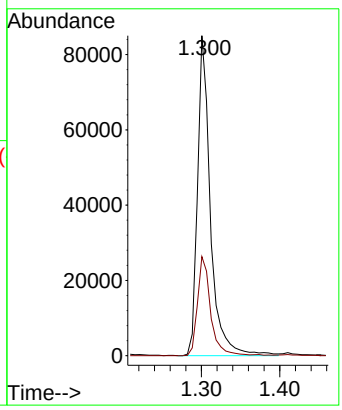


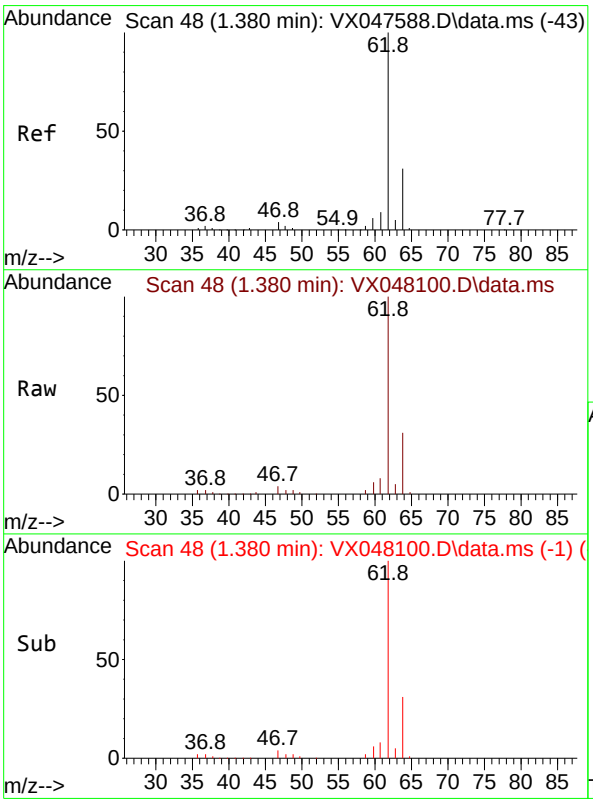
#3
Chloromethane
Concen: 57.574 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 97878

Ion	Ratio	Lower	Upper
50	100		
52	31.0	26.1	39.1

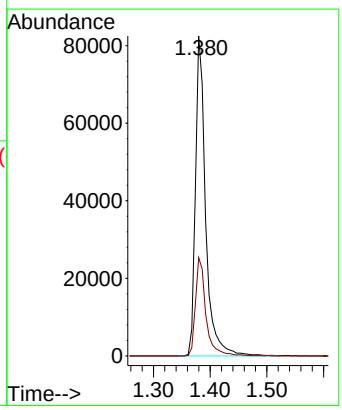


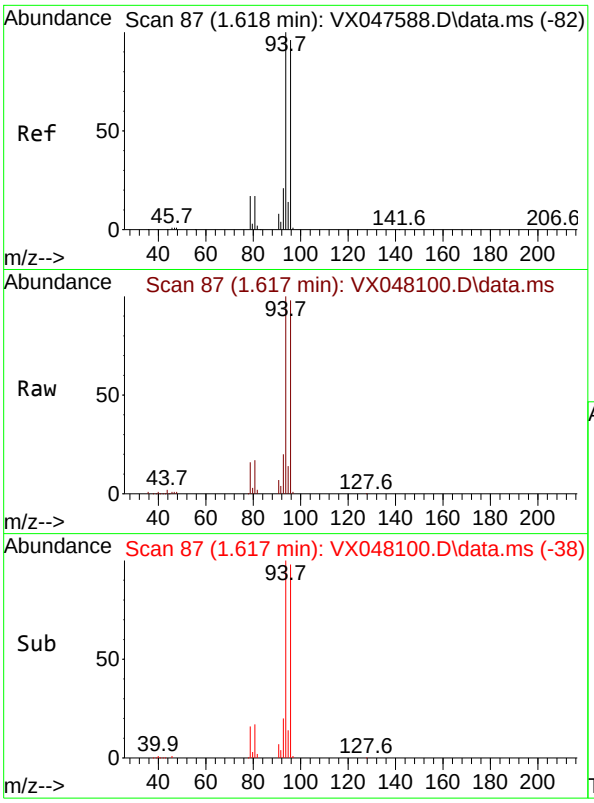


#4
Vinyl Chloride
Concen: 61.811 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 62 Resp: 102862

Ion	Ratio	Lower	Upper
62	100		
64	30.7	24.9	37.3



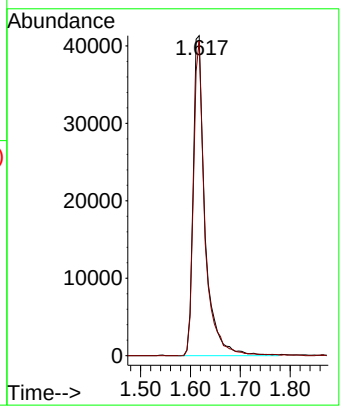


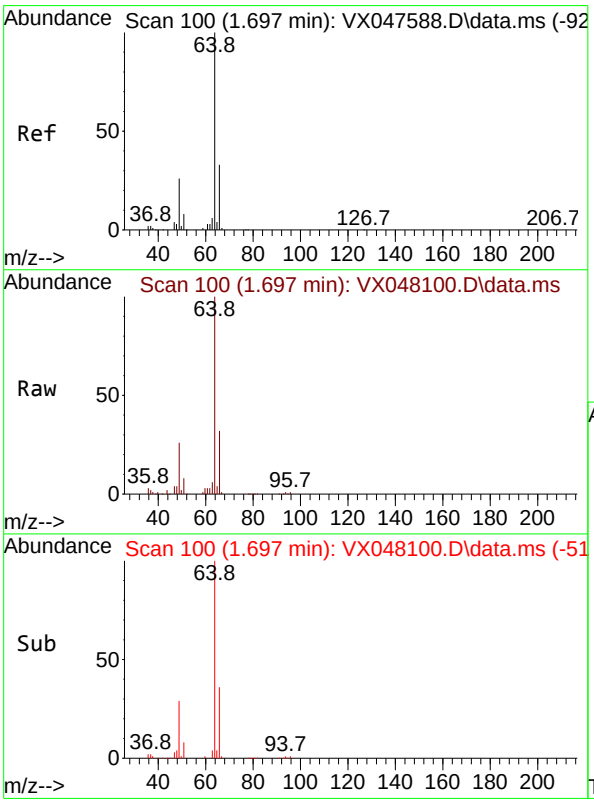
#5
Bromomethane
Concen: 64.930 ug/l
RT: 1.617 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 68518

Ion	Ratio	Lower	Upper
94	100		
96	98.4	76.6	115.0

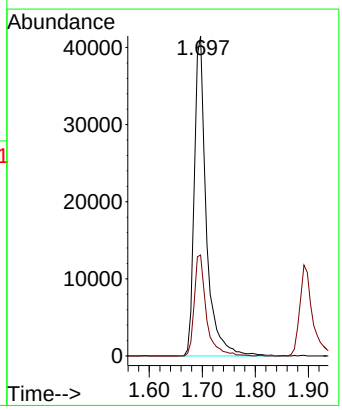


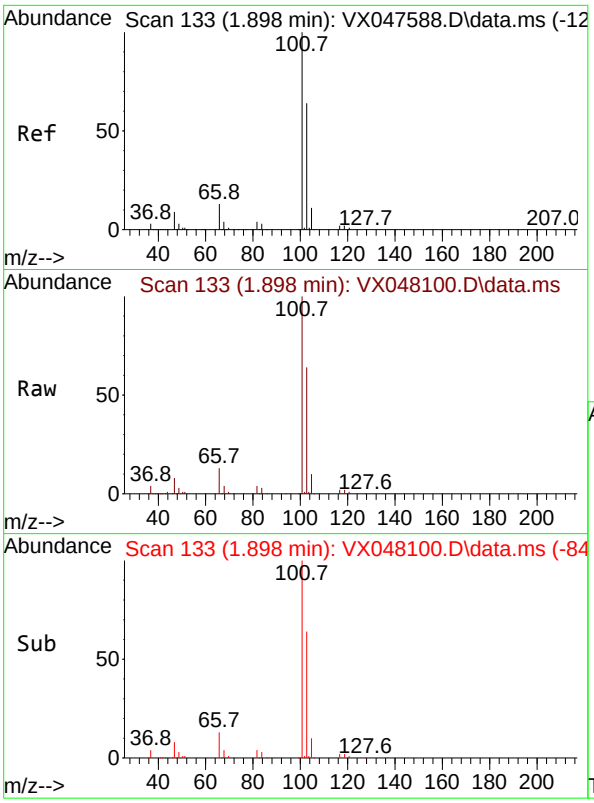


#6
Chloroethane
Concen: 58.479 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 64 Resp: 65044

Ion	Ratio	Lower	Upper
64	100		
66	31.6	26.1	39.1



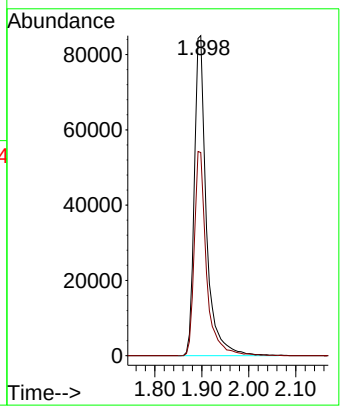


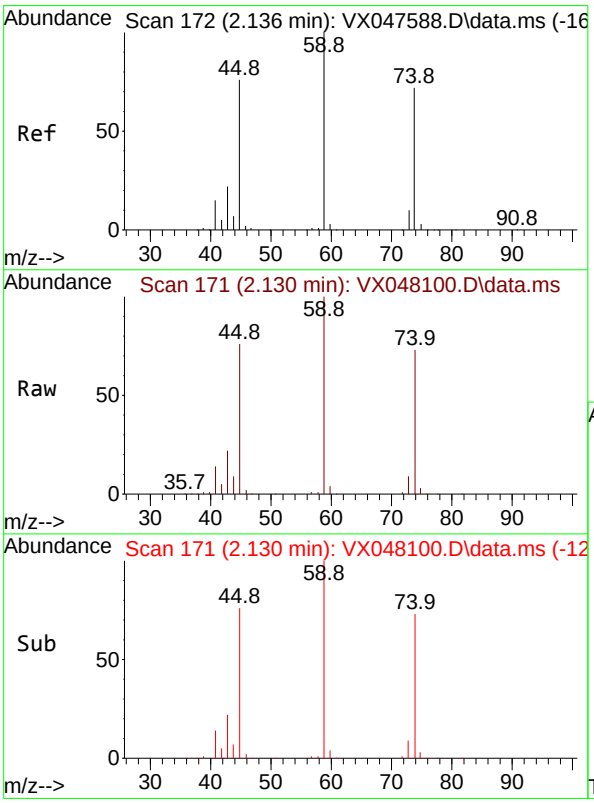
#7
Trichlorofluoromethane
Concen: 61.671 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 152384

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.4	77.2

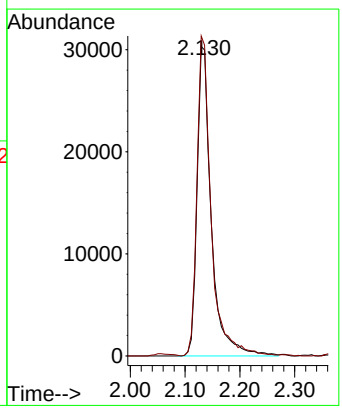


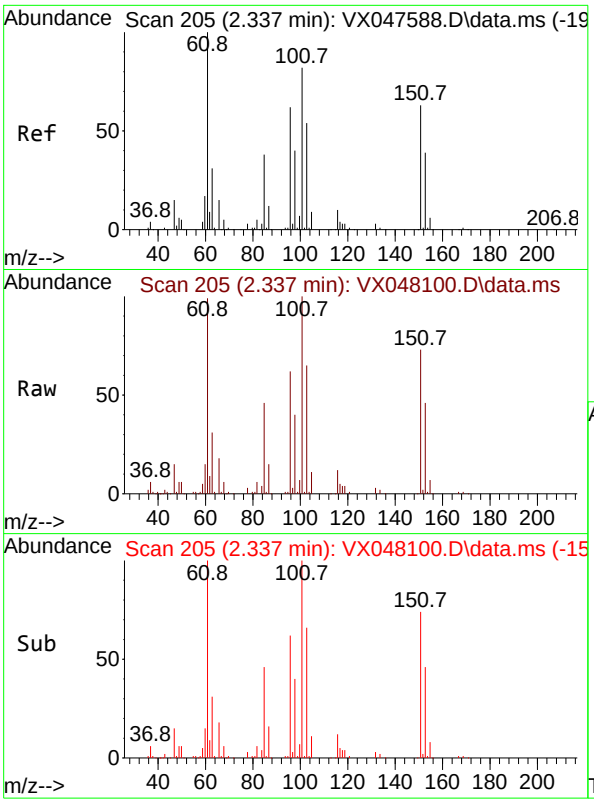


#8
Diethyl Ether
Concen: 54.366 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 74 Resp: 54952

Ion	Ratio	Lower	Upper
74	100		
45	103.0	52.3	156.8



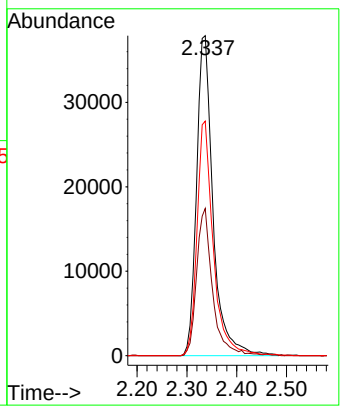


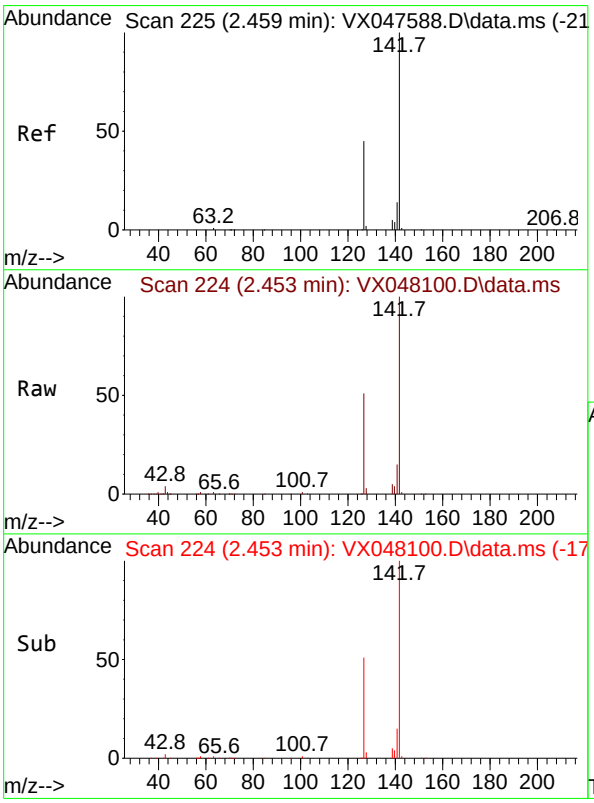
#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.150 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 86905

Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	72.6	59.4	89.0

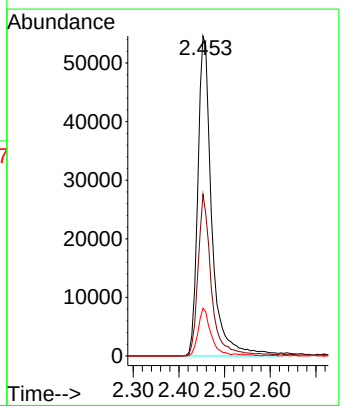


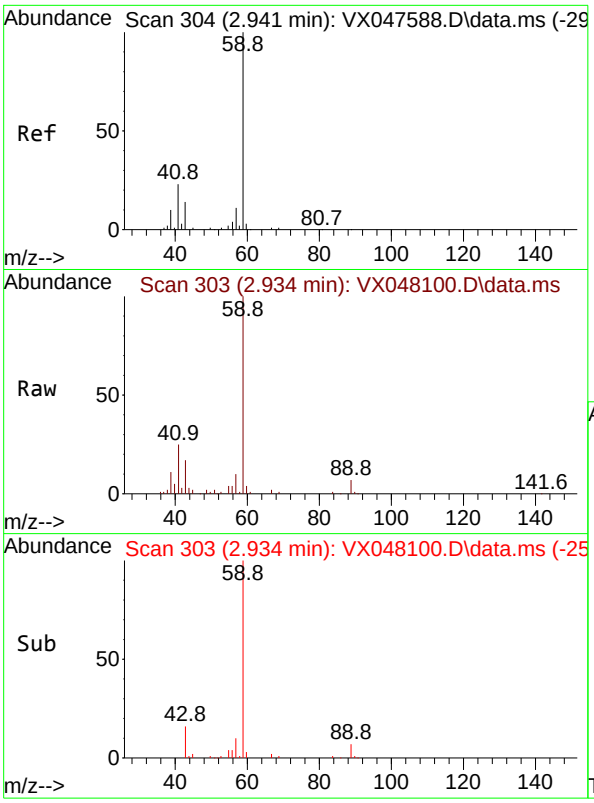


#10
Methyl Iodide
Concen: 51.534 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



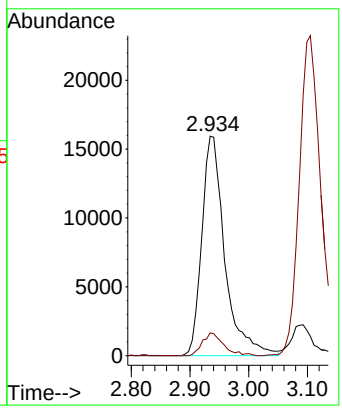


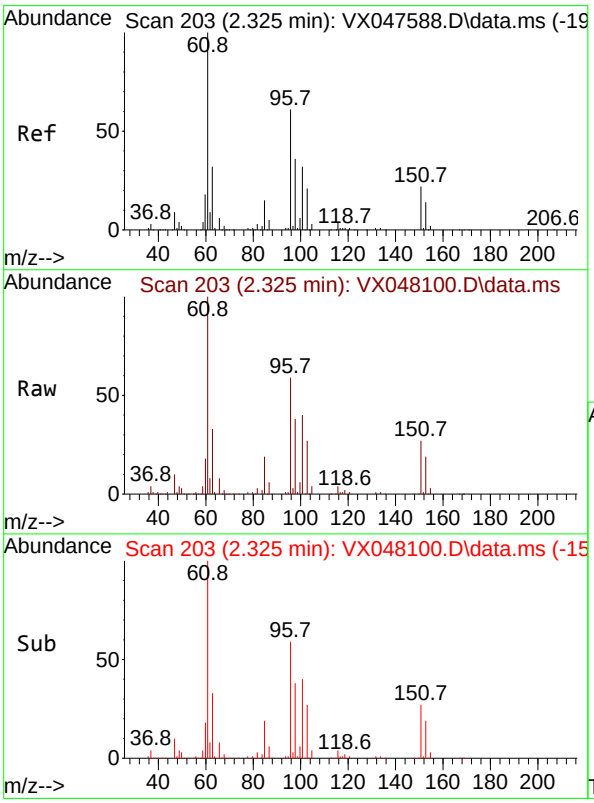
#11
Tert butyl alcohol
Concen: 195.898 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 43381

Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.3	12.5

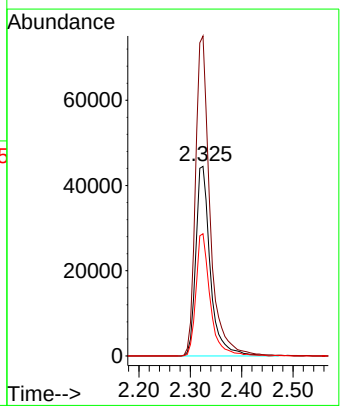


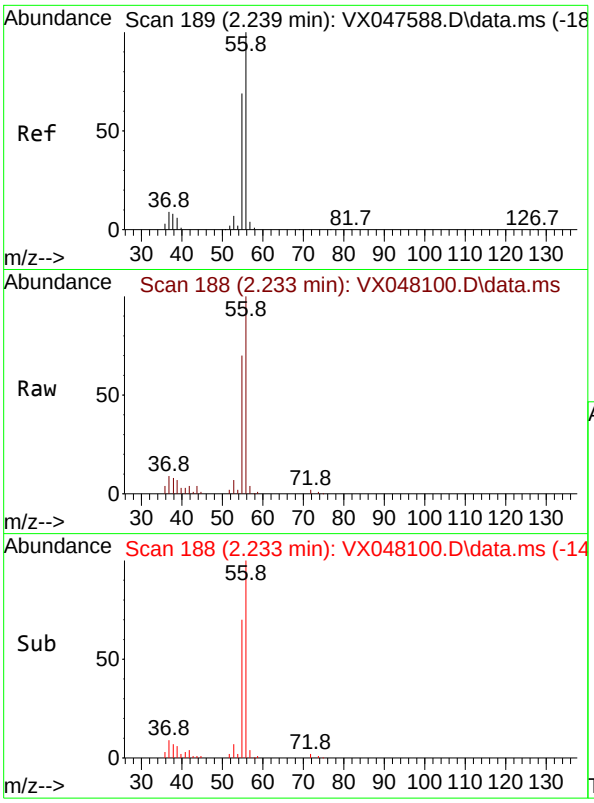


#12
1,1-Dichloroethene
Concen: 58.907 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



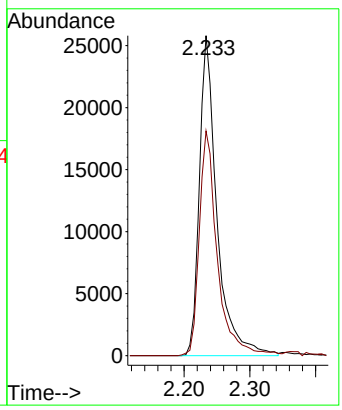


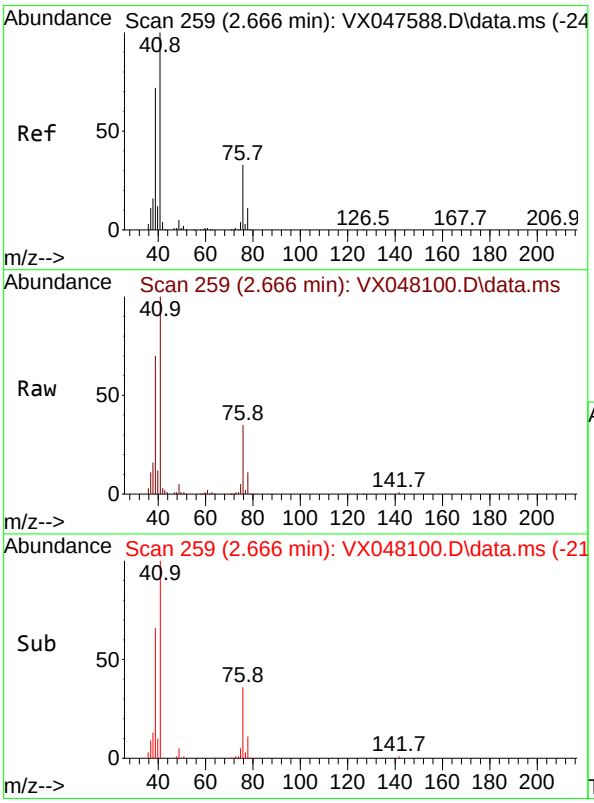
#13
Acrolein
Concen: 234.408 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 47835

Ion	Ratio	Lower	Upper
56	100		
55	72.2	57.2	85.8

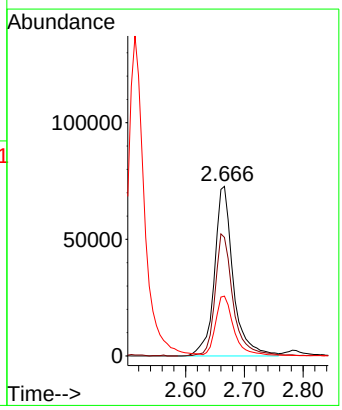


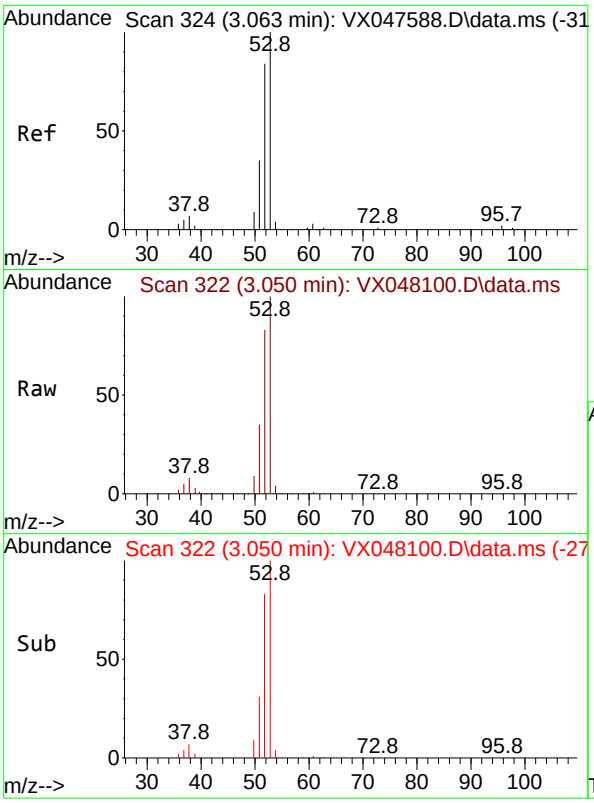


#14
Allyl chloride
Concen: 52.773 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



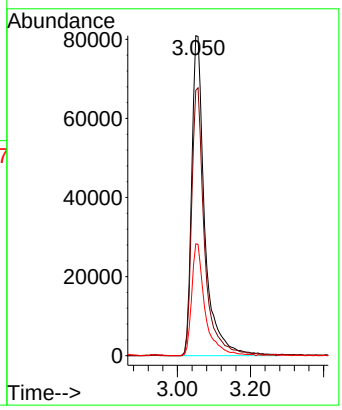


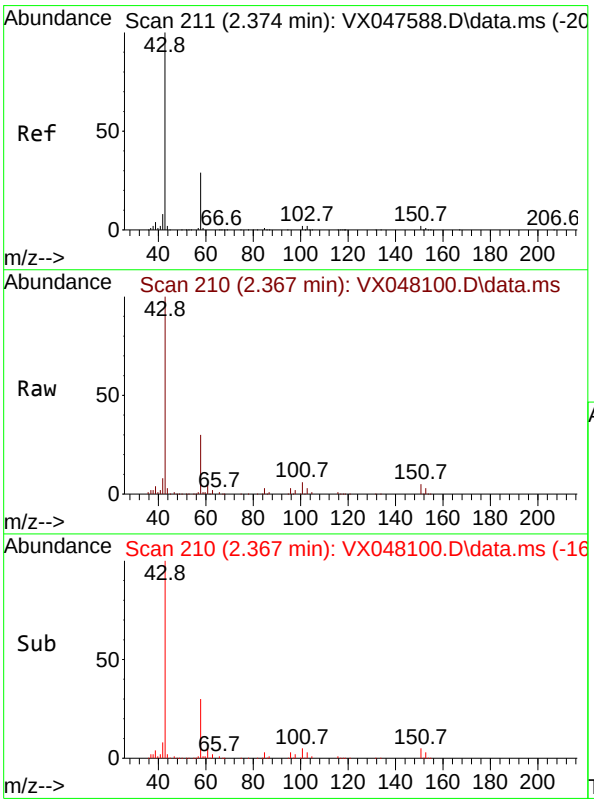
#15
Acrylonitrile
Concen: 246.526 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 202214

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.4	99.6
51	35.9	29.5	44.3

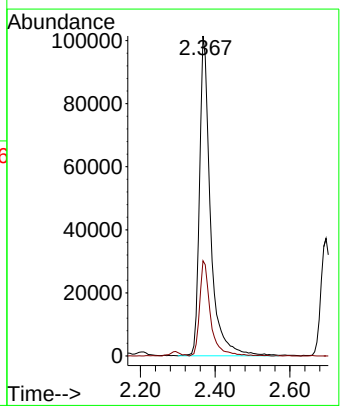


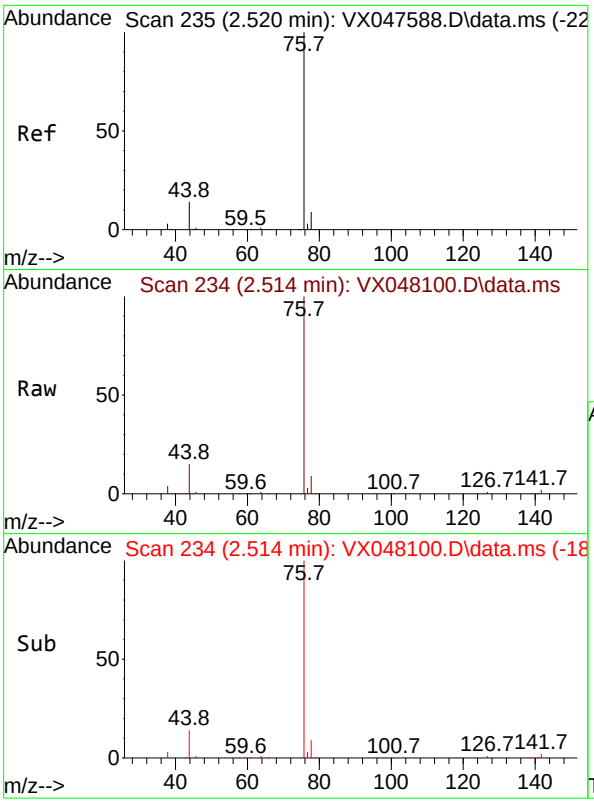


#16
Acetone
Concen: 237.922 ug/l
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 205691

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.4	35.0



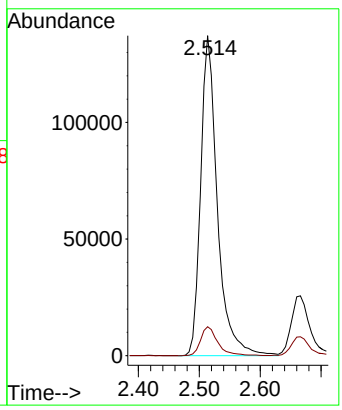


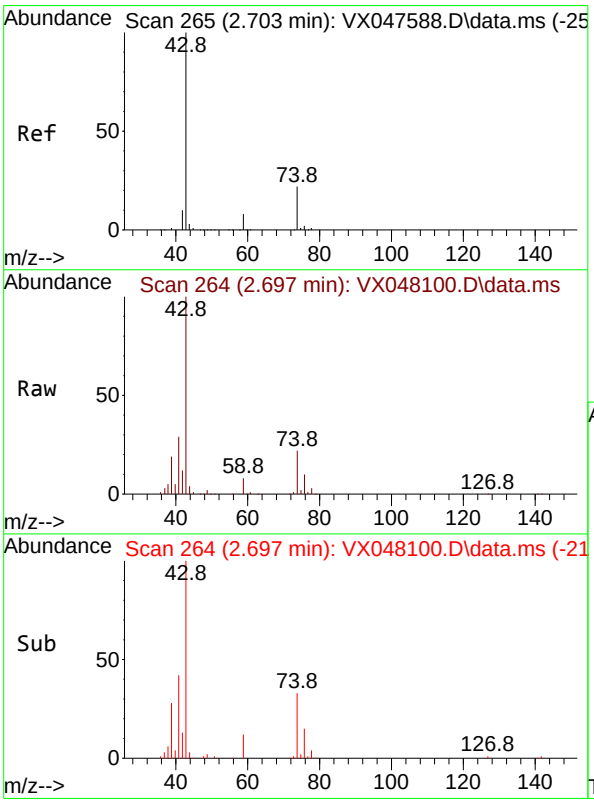
#17
Carbon Disulfide
Concen: 64.504 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 262076

Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.8	10.2

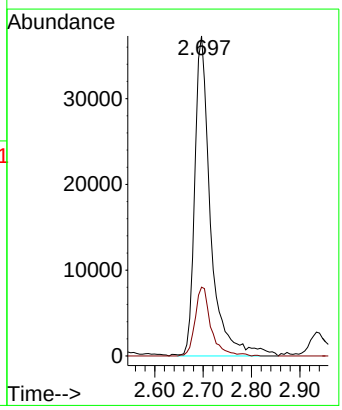


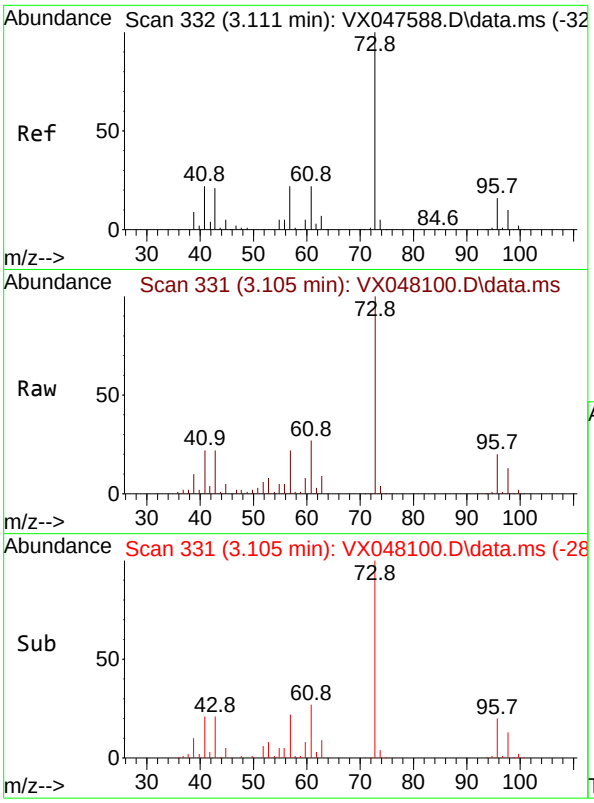


#18
Methyl Acetate
Concen: 44.124 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 43 Resp: 84895

Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.4	26.2



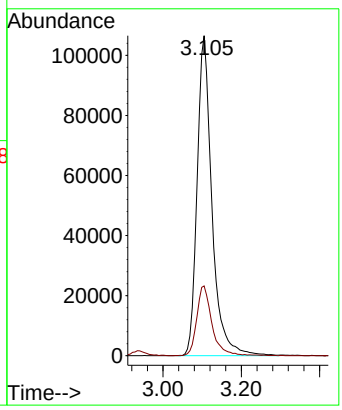


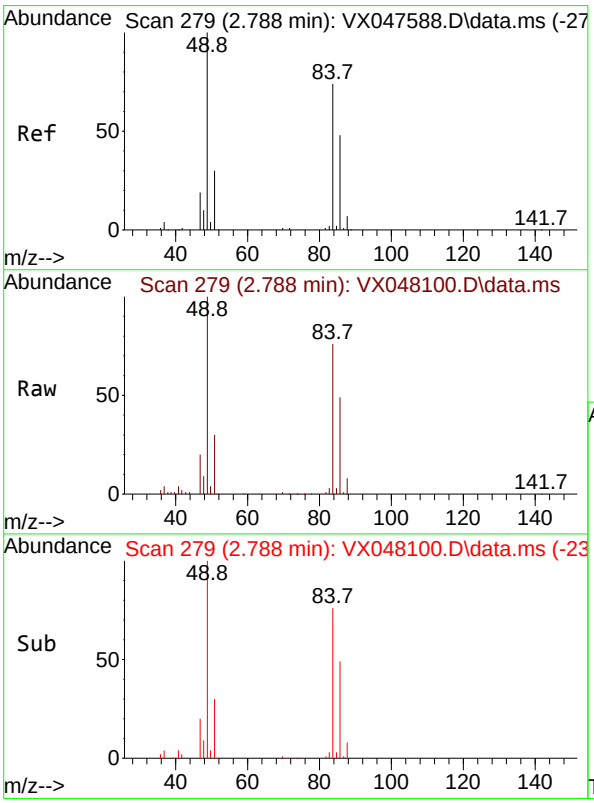
#19
Methyl tert-butyl Ether
Concen: 51.761 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 280425

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.4	26.2

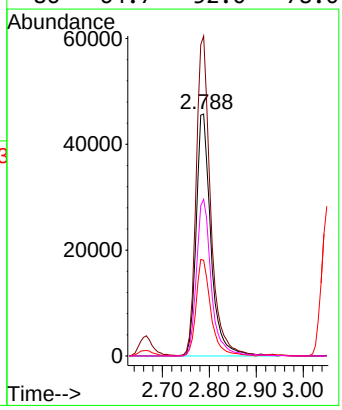


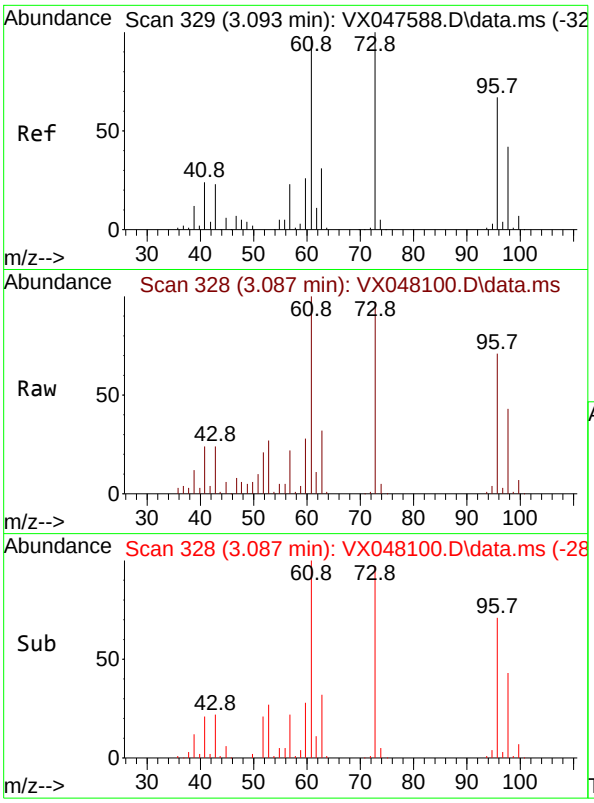


#20
Methylene Chloride
Concen: 54.423 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



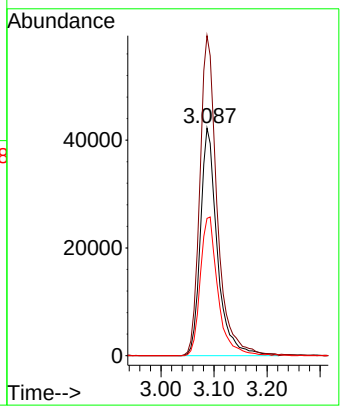


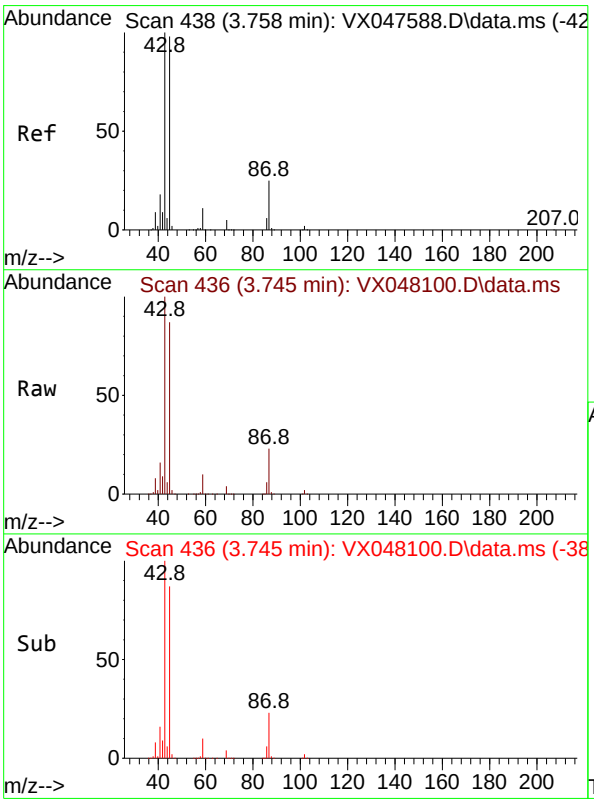
#21
trans-1,2-Dichloroethene
Concen: 58.612 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 93653

Ion	Ratio	Lower	Upper
96	100		
61	140.7	116.2	174.2
98	60.3	49.3	73.9

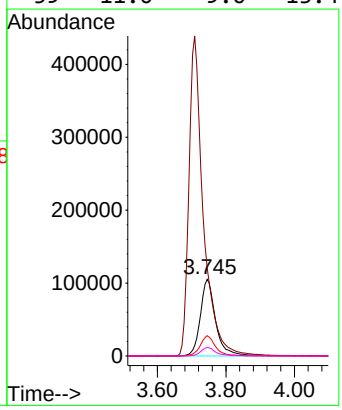


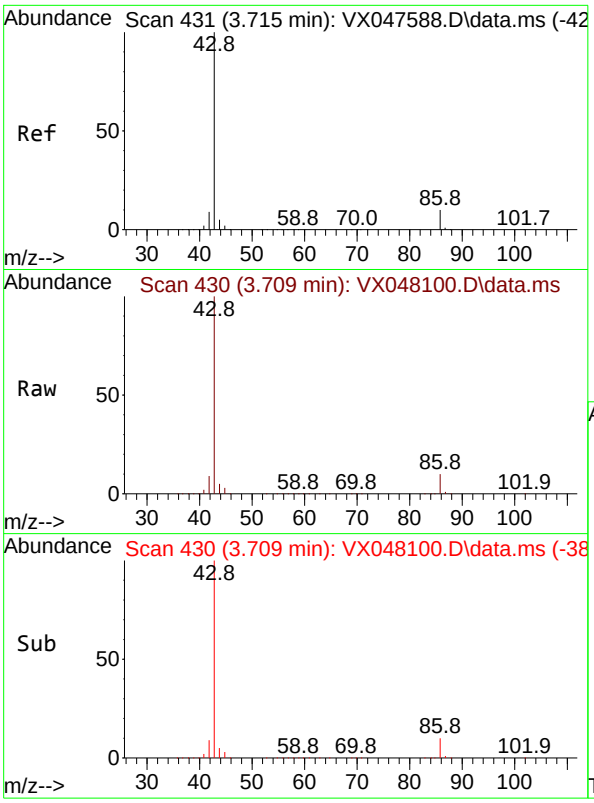


#22
Diisopropyl ether
Concen: 54.941 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



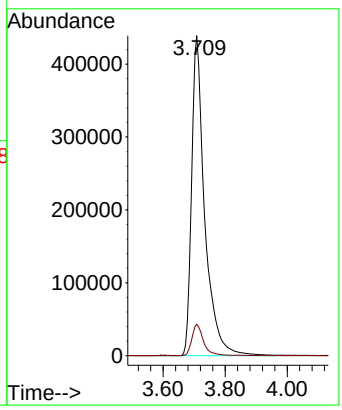


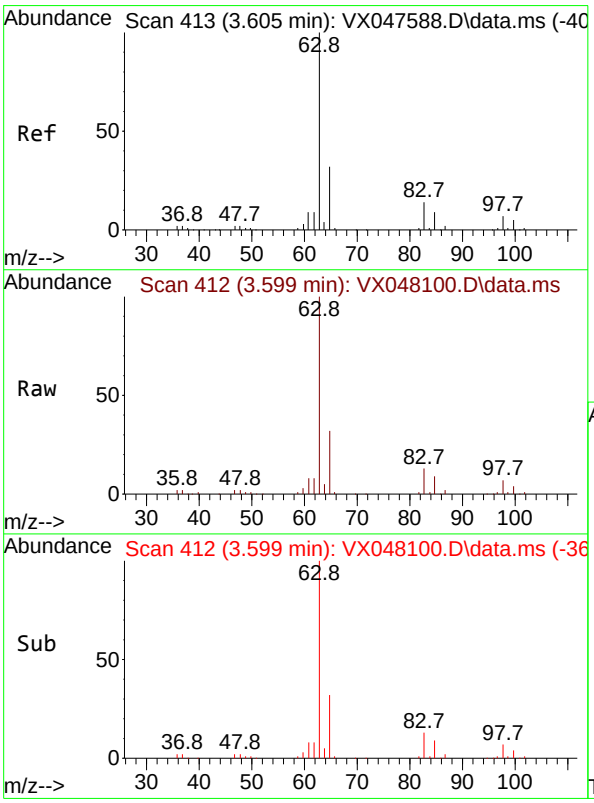
#23
Vinyl Acetate
Concen: 271.021 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1287419

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

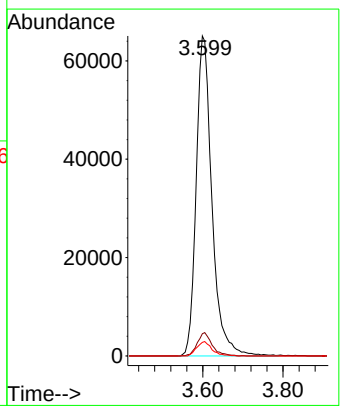


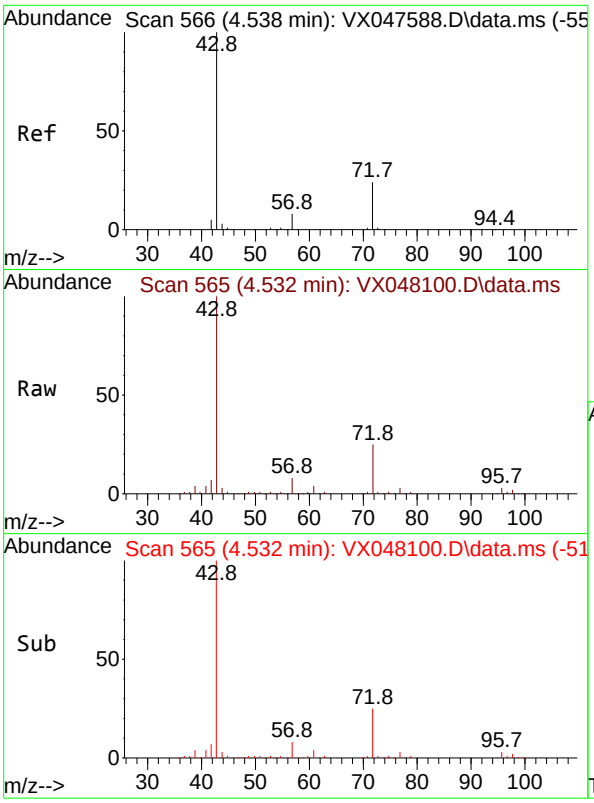


#24
1,1-Dichloroethane
Concen: 56.138 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



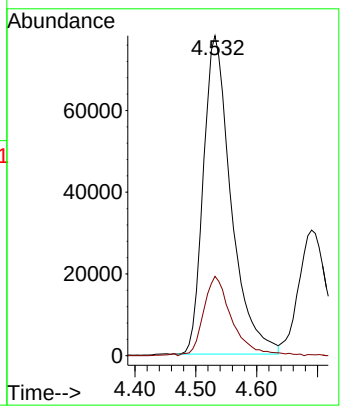


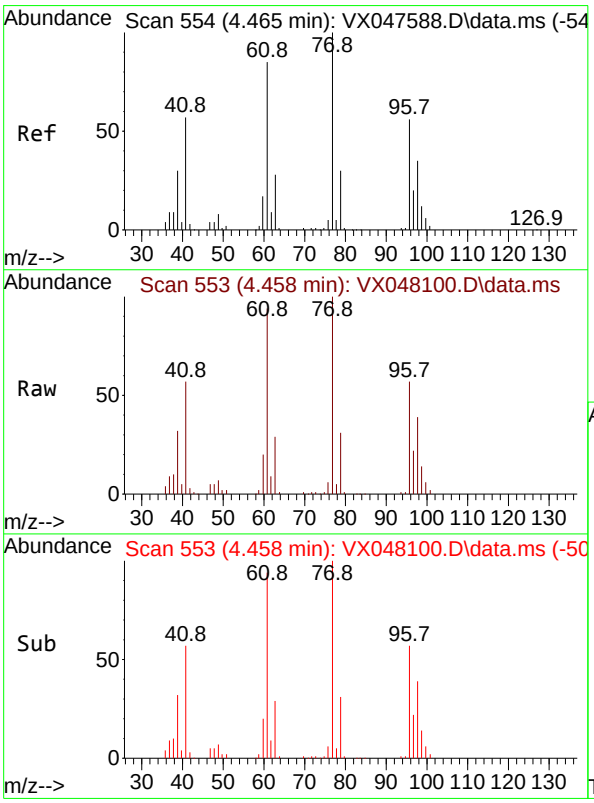
#25
2-Butanone
Concen: 228.417 ug/l
RT: 4.532 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 246324

Ion	Ratio	Lower	Upper
43	100		
72	25.7	20.1	30.1

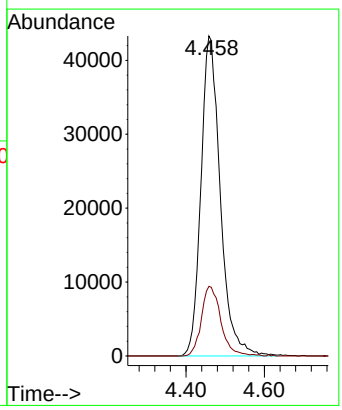


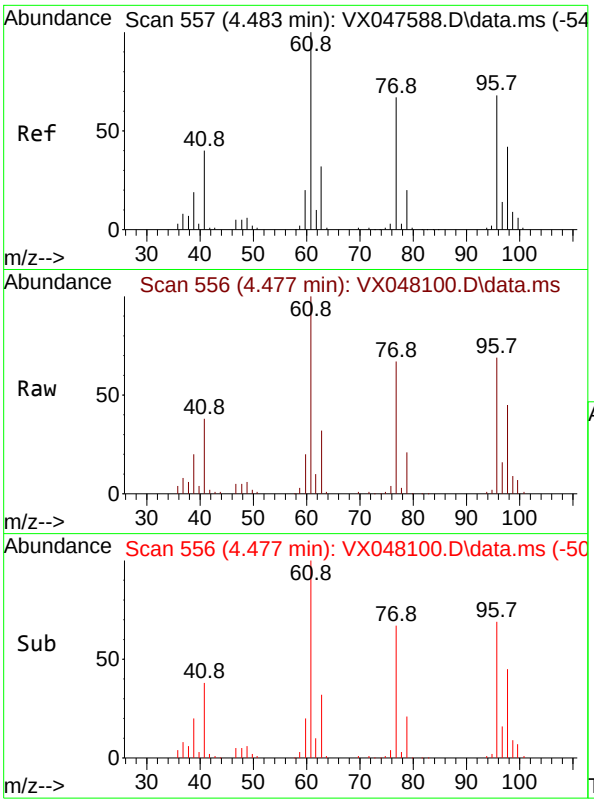


#26
2,2-Dichloropropane
Concen: 56.601 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 77 Resp: 148425

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7



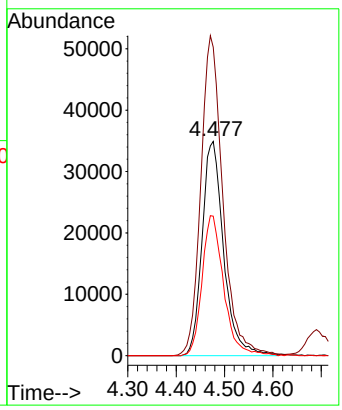


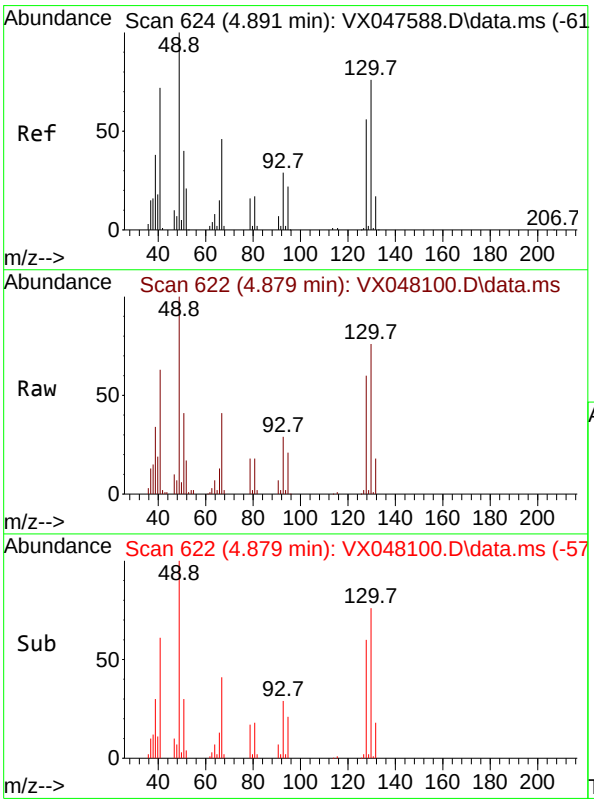
#27
cis-1,2-Dichloroethene
Concen: 55.148 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 107914

Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	303.2
98	65.6	0.0	127.8

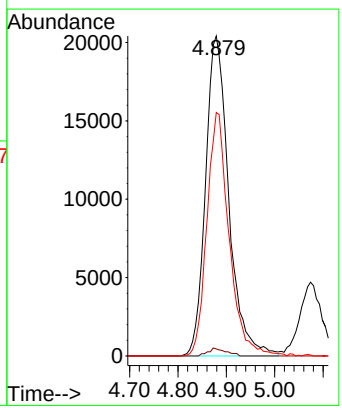


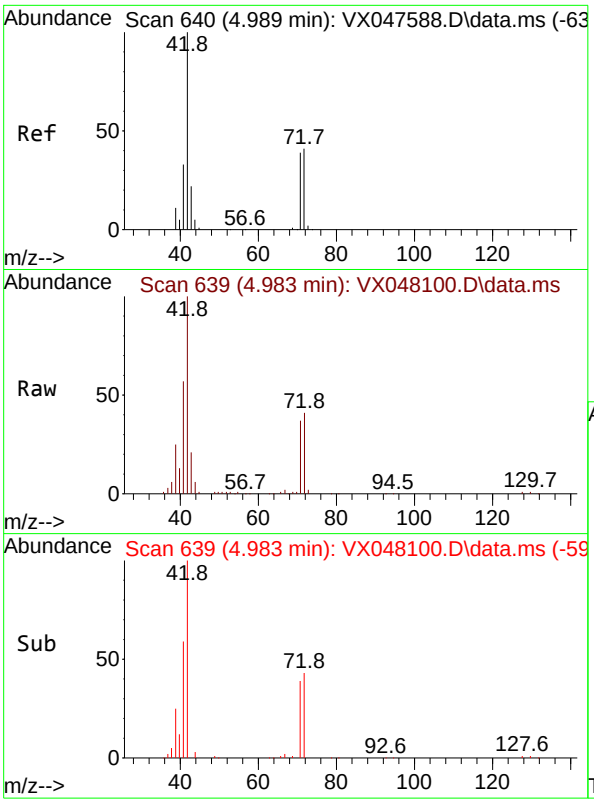


#28
Bromochloromethane
Concen: 49.437 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



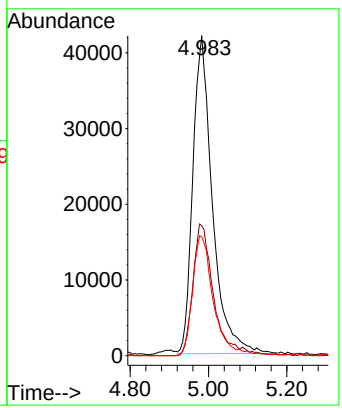


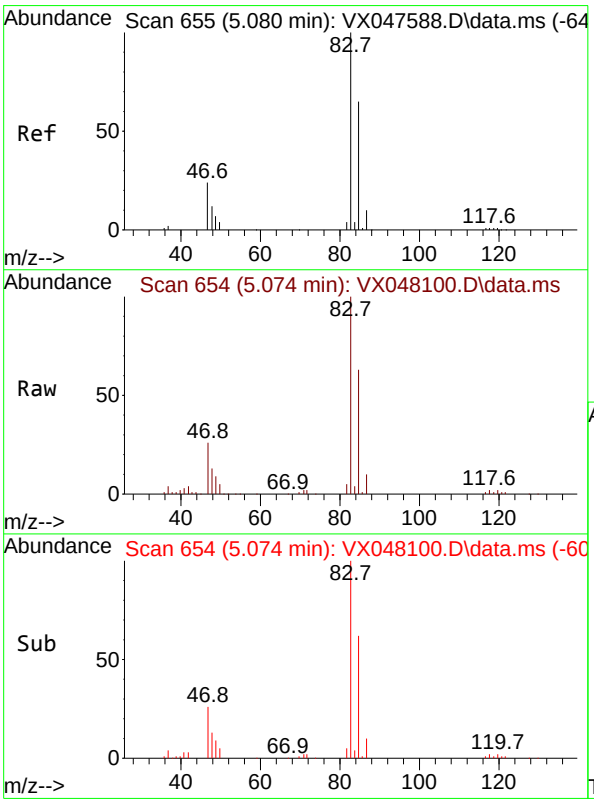
#29
Tetrahydrofuran
Concen: 225.327 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 146178

Ion	Ratio	Lower	Upper
42	100		
72	43.9	34.2	51.2
71	40.0	31.9	47.9

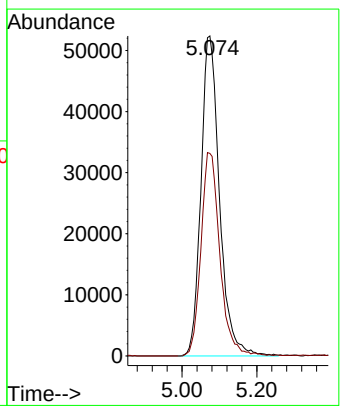


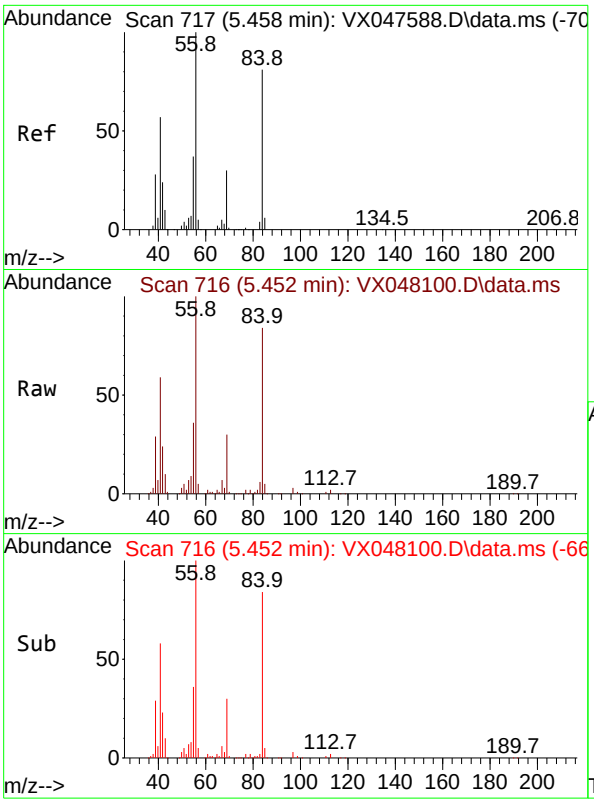


#30
Chloroform
Concen: 56.575 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 83 Resp: 180351

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.6



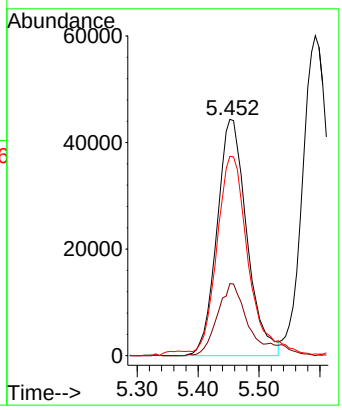


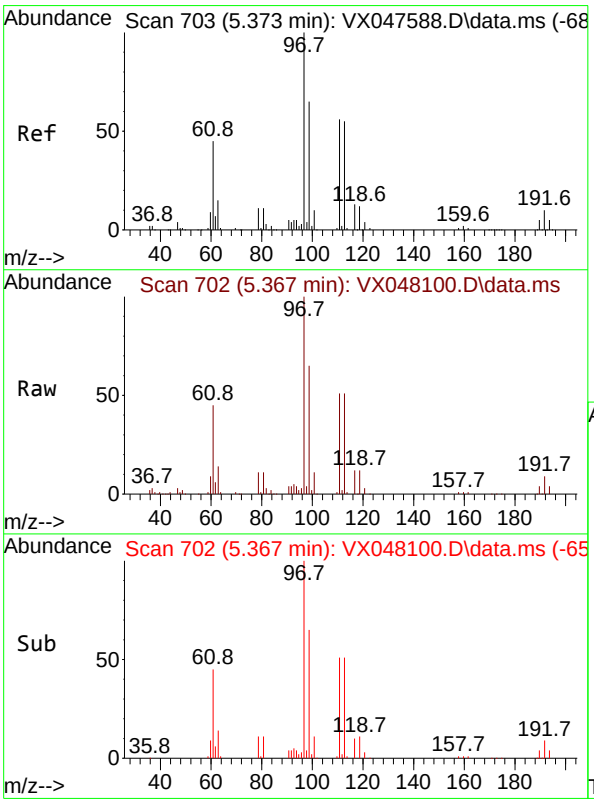
#31
Cyclohexane
Concen: 57.468 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 150992

Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.8	35.8
84	82.4	64.6	97.0

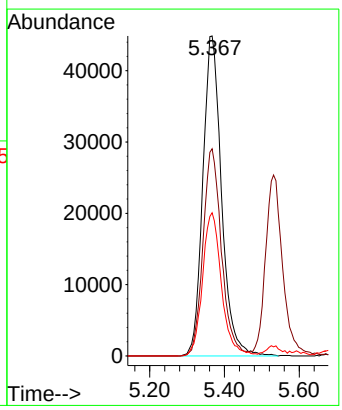


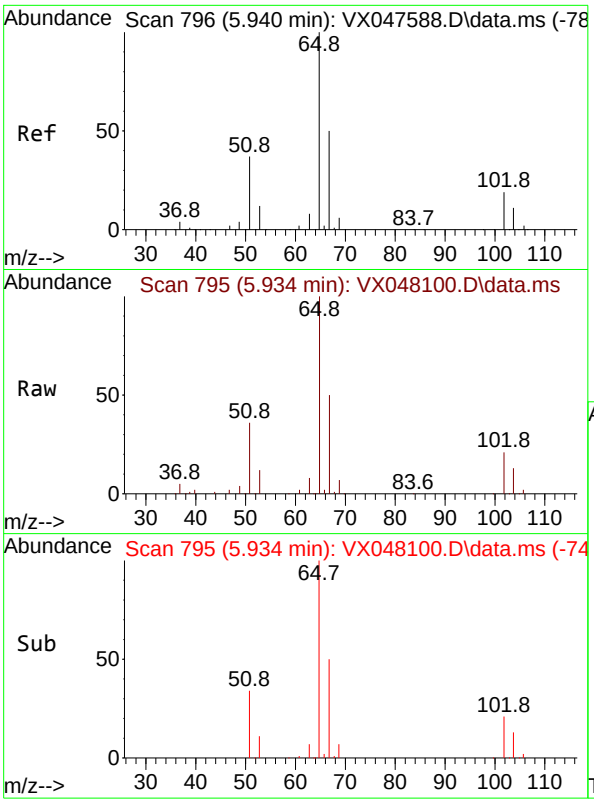


#32
1,1,1-Trichloroethane
Concen: 57.701 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



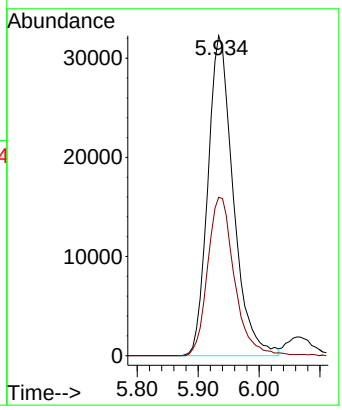


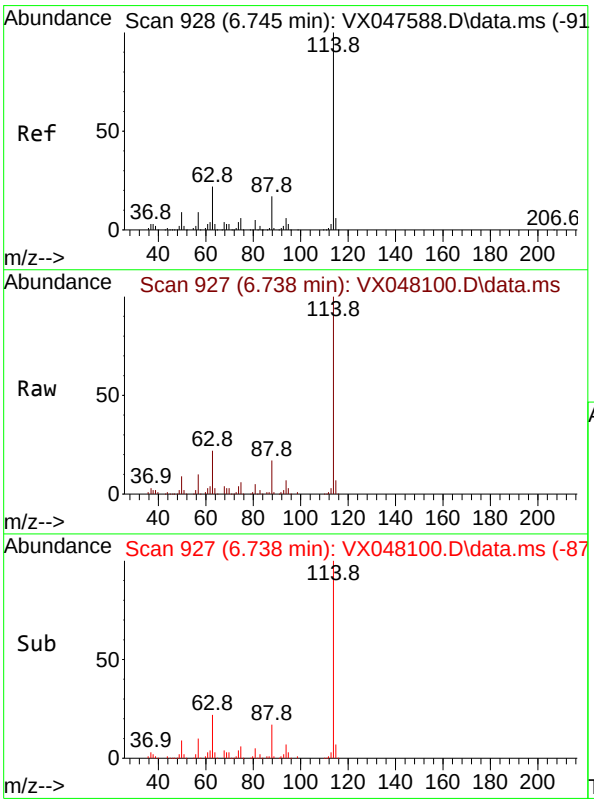
#33
1,2-Dichloroethane-d4
Concen: 47.002 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 93456

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

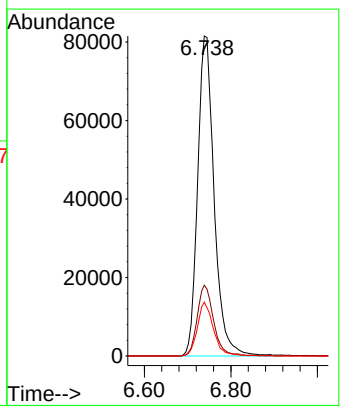


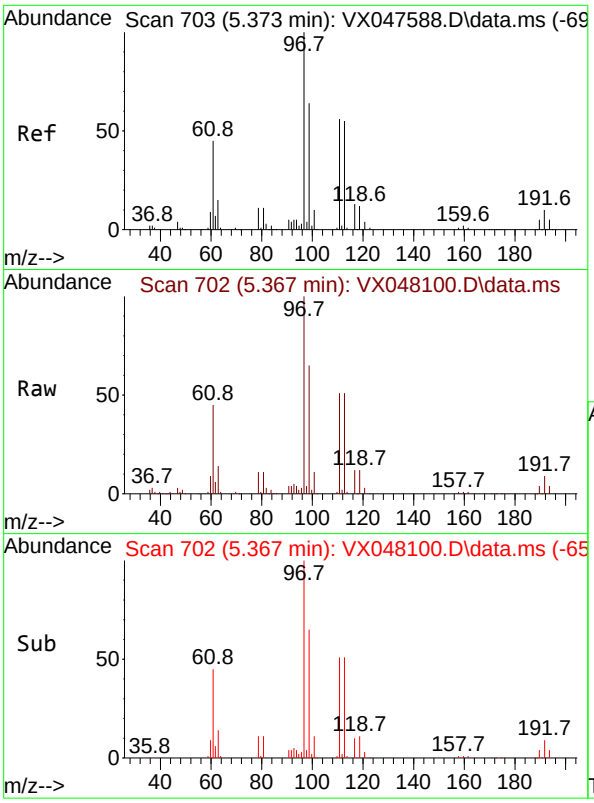


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.738 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



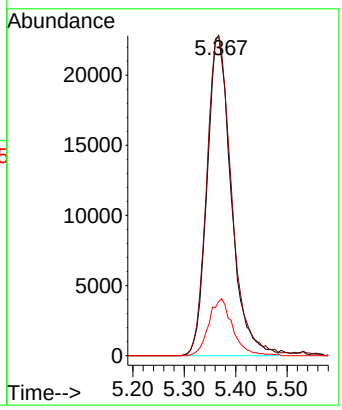


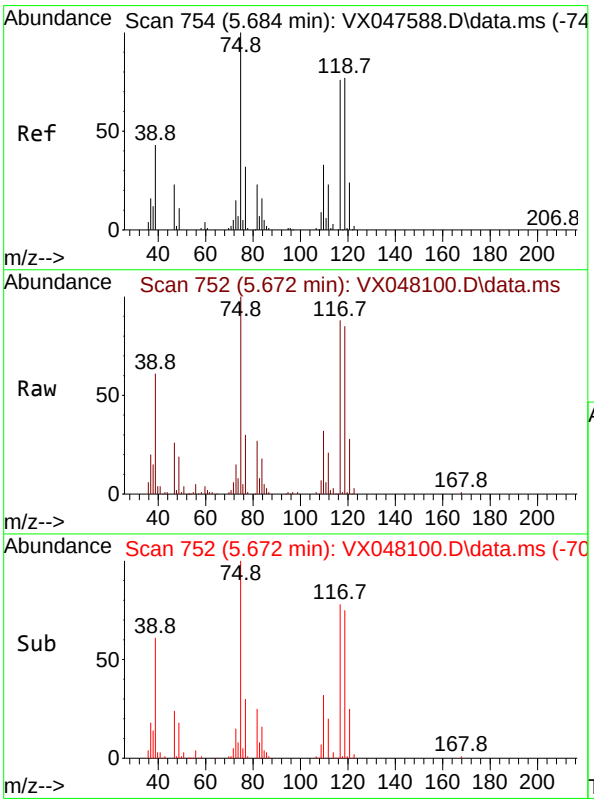
#35
Dibromofluoromethane
Concen: 51.088 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 74051

Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.9	121.3
192	17.8	14.2	21.4

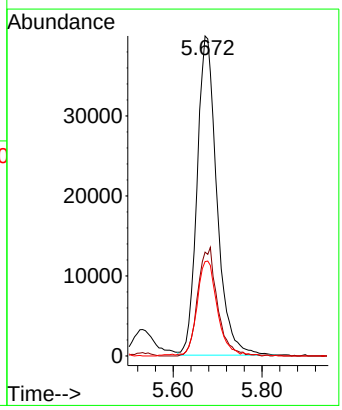


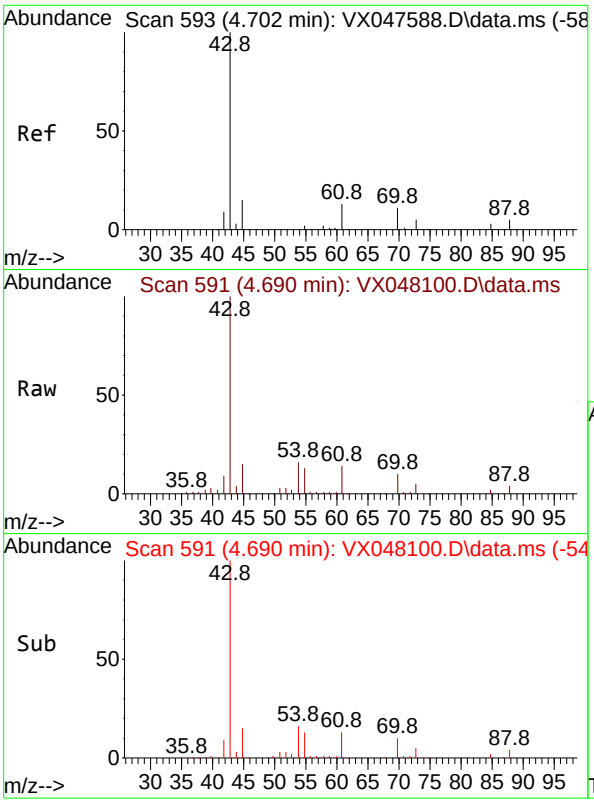


#36
1,1-Dichloropropene
Concen: 58.352 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



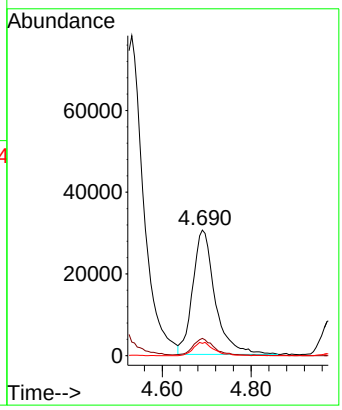


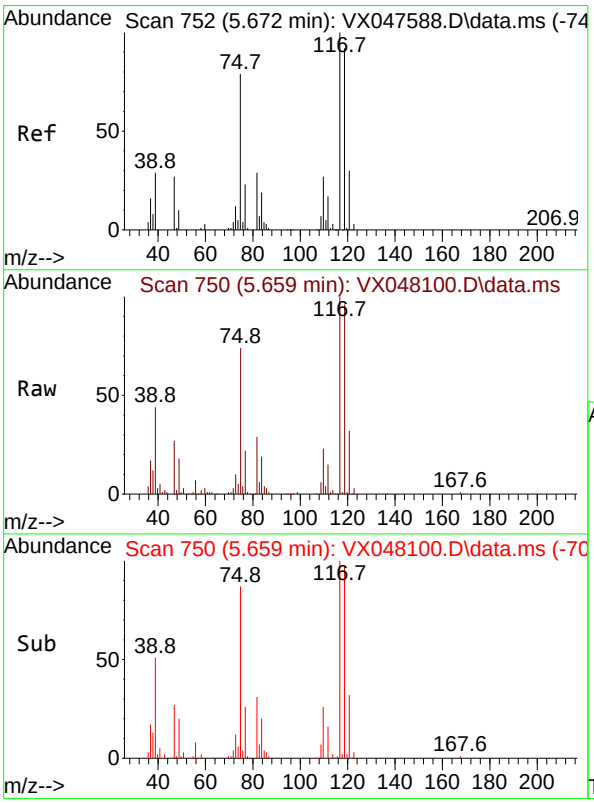
#37
Ethyl Acetate
Concen: 46.745 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 106007

Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.8	14.8
70	9.8	7.9	11.9

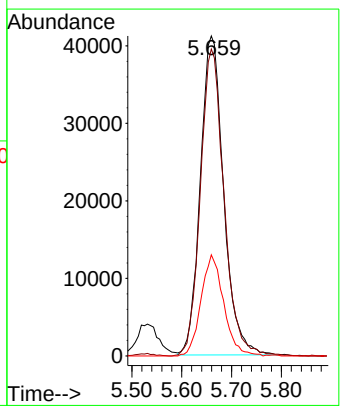


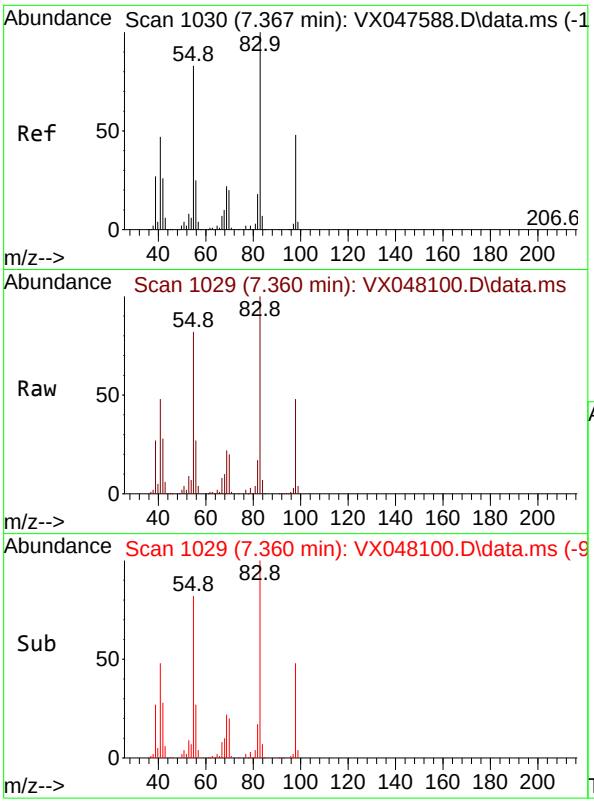


#38
Carbon Tetrachloride
Concen: 58.053 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



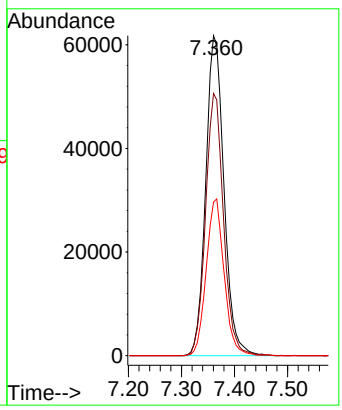


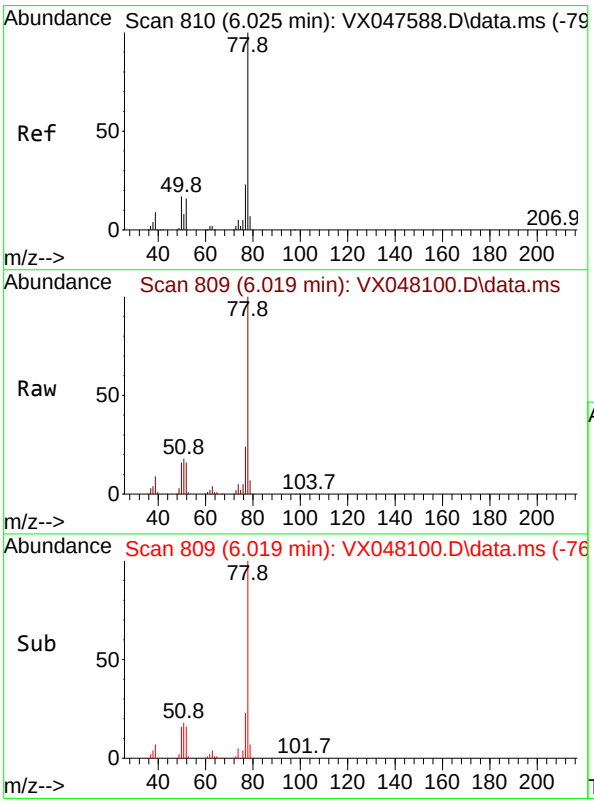
#39
Methylcyclohexane
Concen: 61.418 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 147663

Ion	Ratio	Lower	Upper
83	100		
55	82.0	66.4	99.6
98	48.0	38.1	57.1

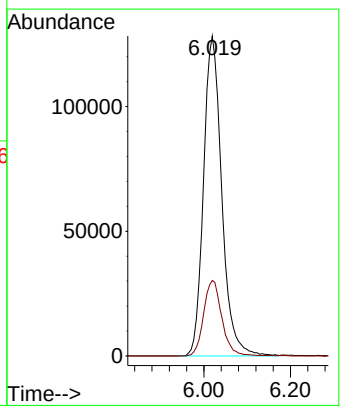


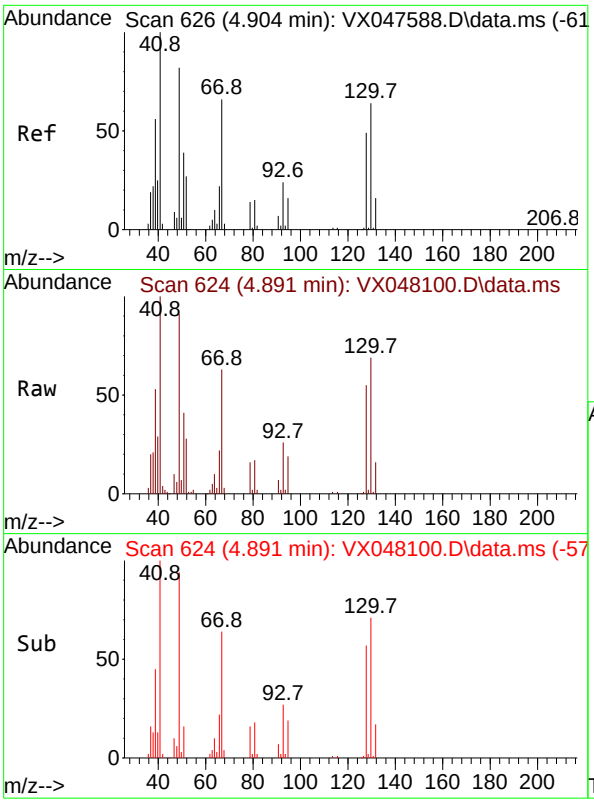


#40
Benzene
Concen: 58.350 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 78 Resp: 375362

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2



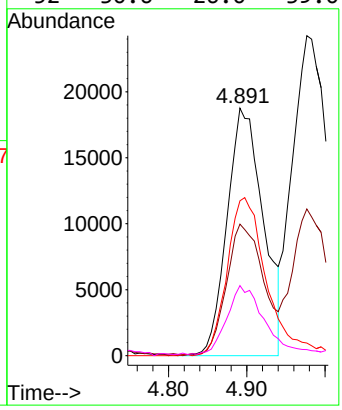


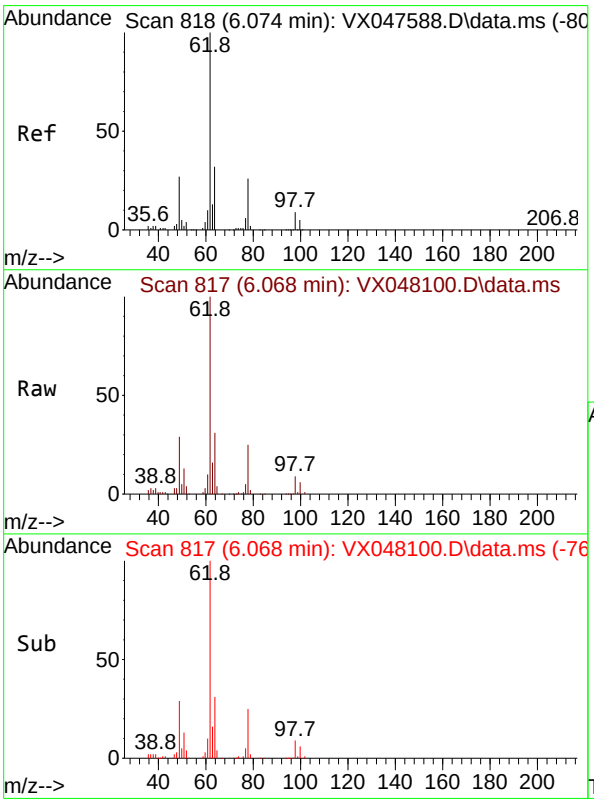
#41
Methacrylonitrile
Concen: 51.510 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 60306

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

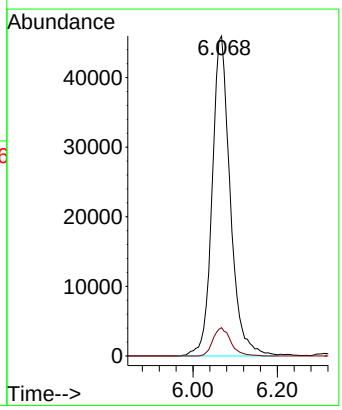


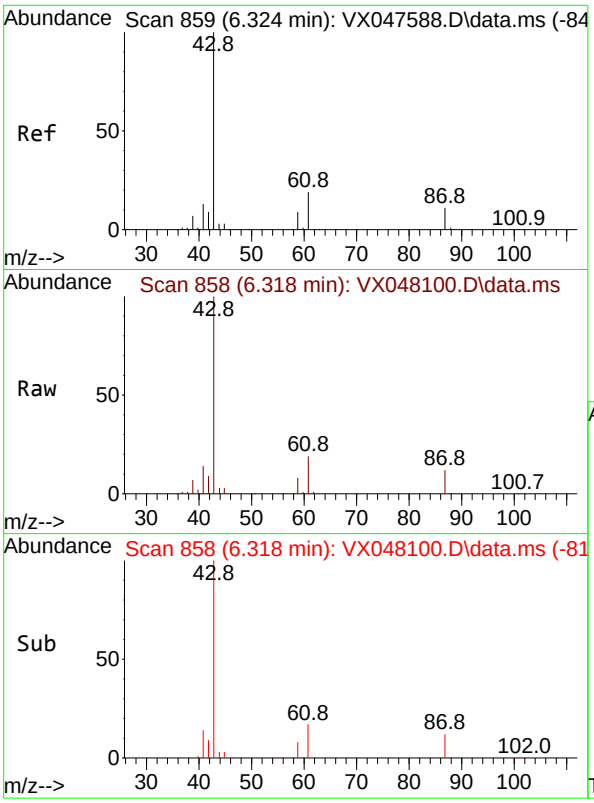


#42
1,2-Dichloroethane
Concen: 55.892 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 62 Resp: 136805

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



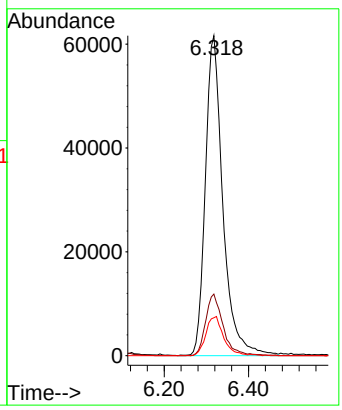


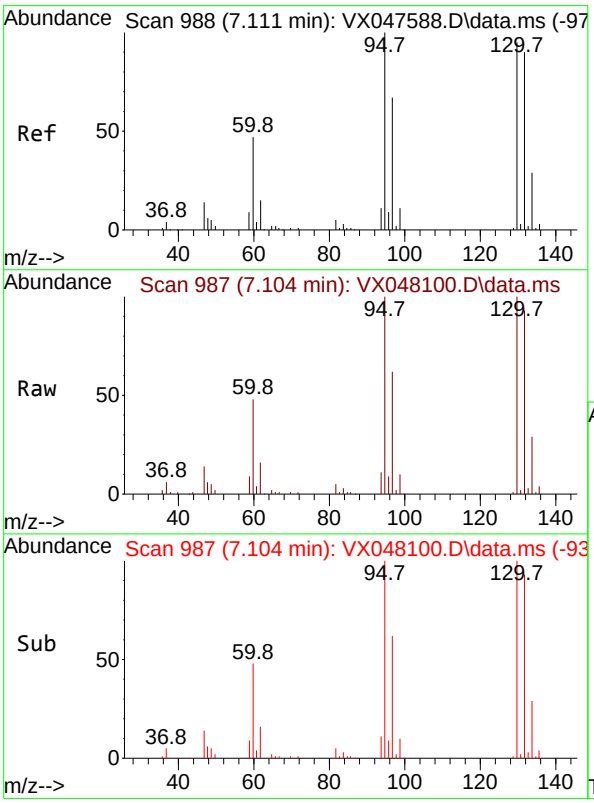
#43
Isopropyl Acetate
Concen: 47.975 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 178436

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.5	9.6	14.4

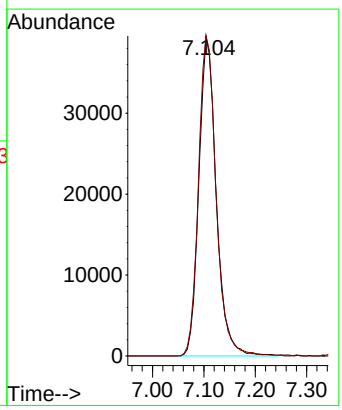


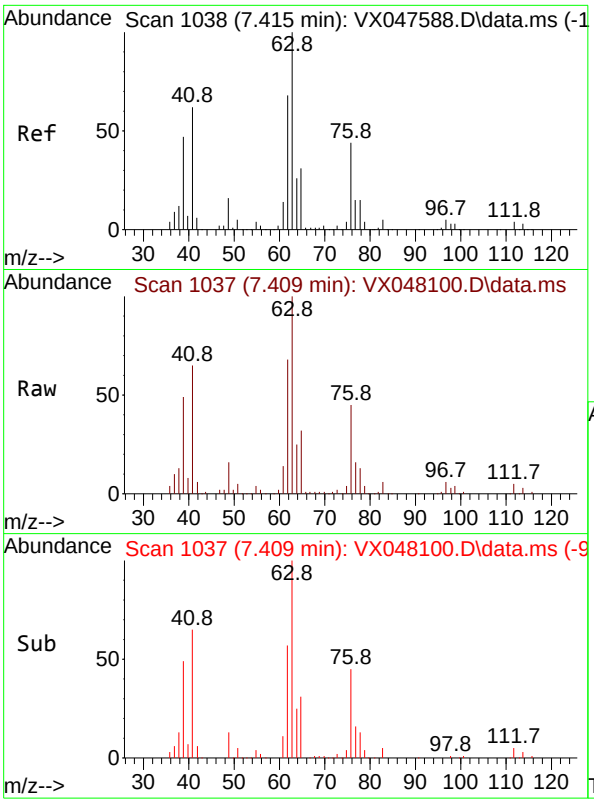


#44
Trichloroethene
Concen: 59.475 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:130 Resp: 92498

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	210.8



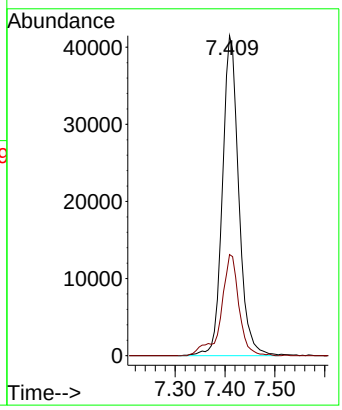


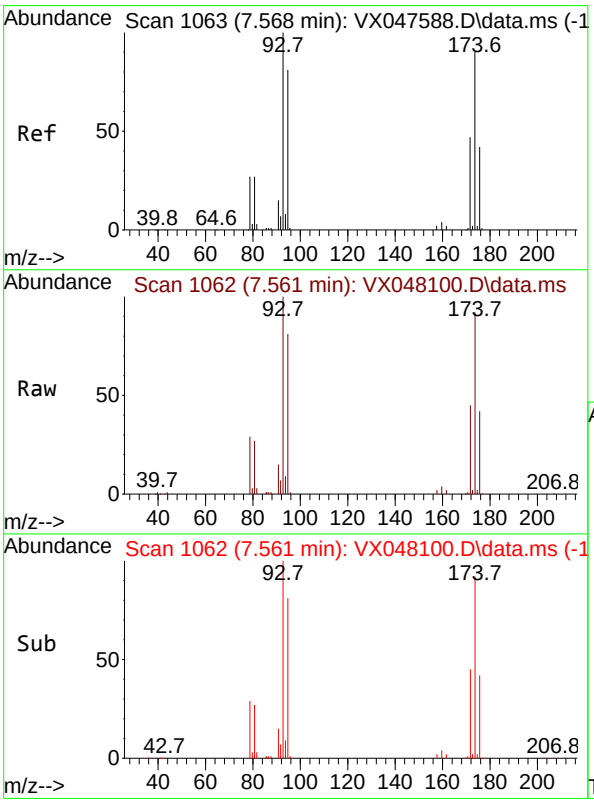
#45
1,2-Dichloropropane
Concen: 57.281 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 94355

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.7	37.1

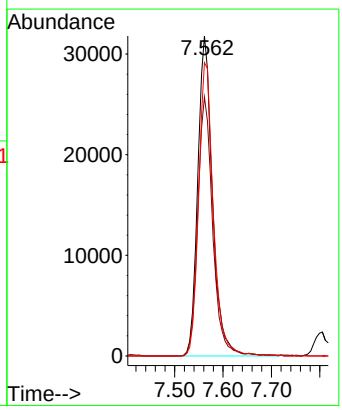


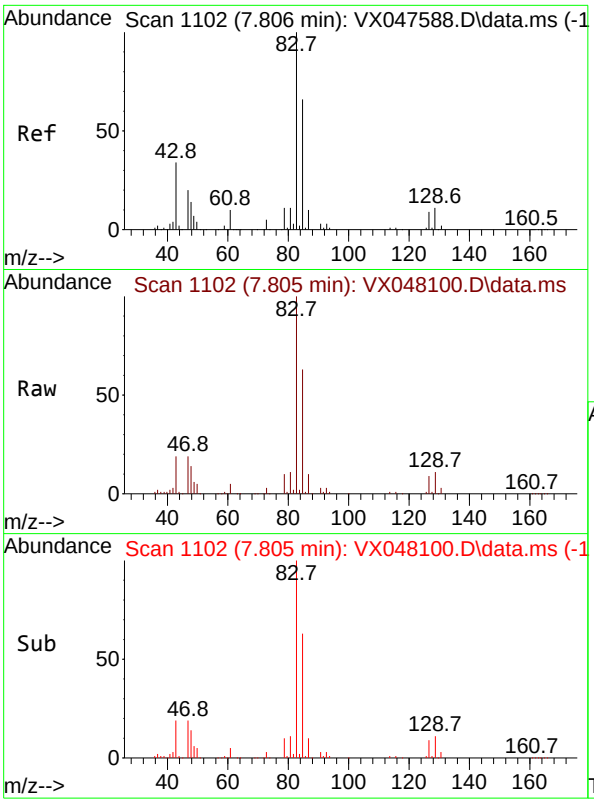


#46
Dibromomethane
Concen: 56.040 ug/l
RT: 7.561 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



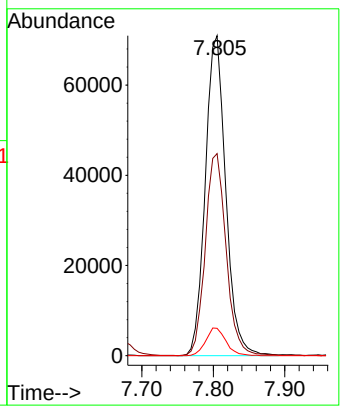


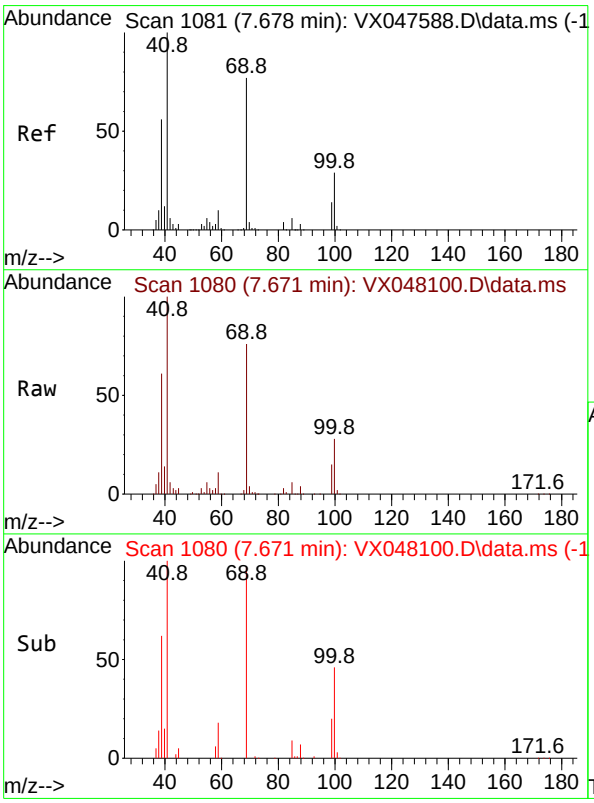
#47
Bromodichloromethane
Concen: 57.029 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 141066

Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.5	78.7
127	8.5	6.9	10.3

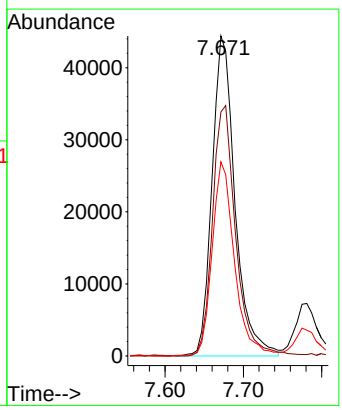


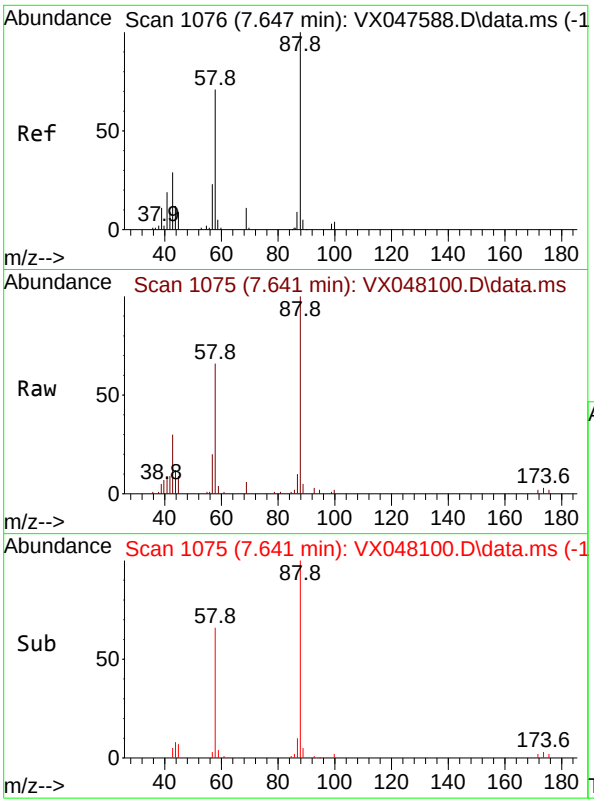


#48
Methyl methacrylate
Concen: 48.949 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



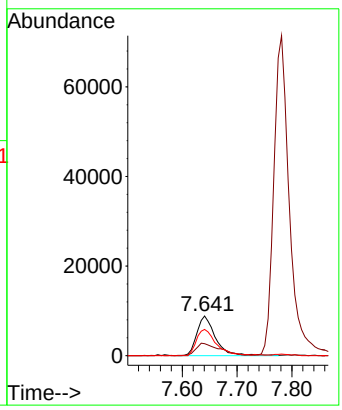


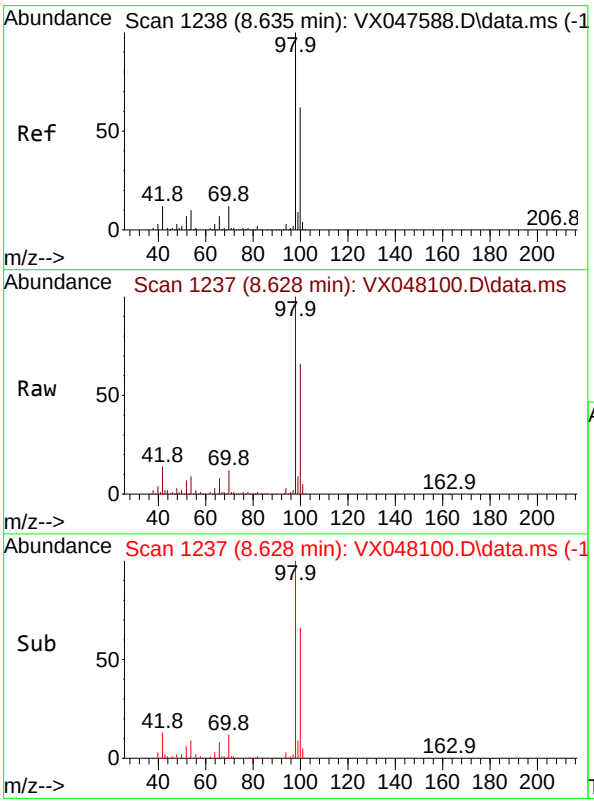
#49
1,4-Dioxane
Concen: 1112.974 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 20838

Ion	Ratio	Lower	Upper
88	100		
43	40.9	30.2	45.2
58	70.5	59.5	89.3

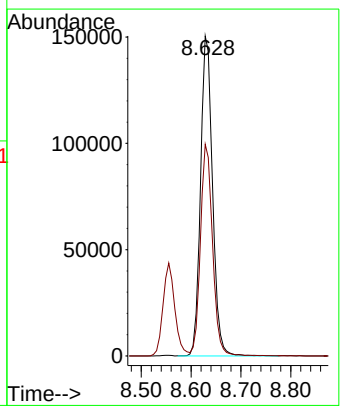


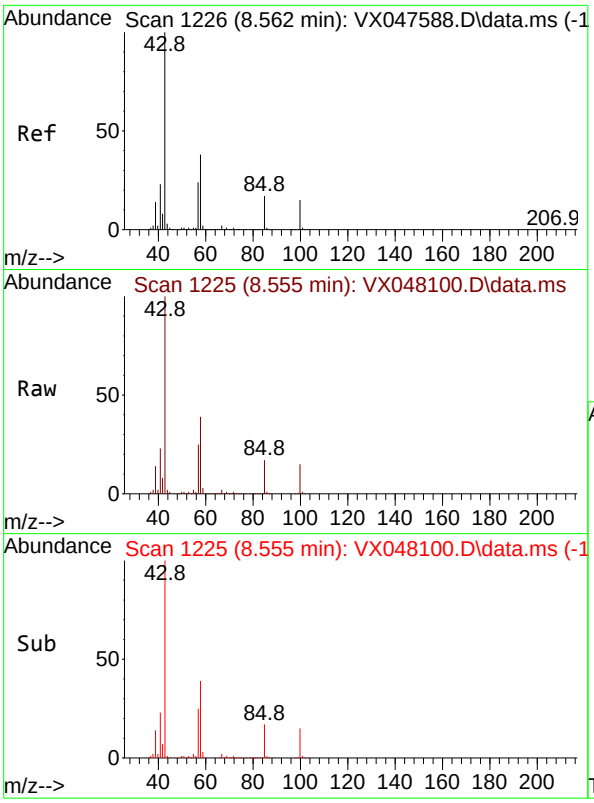


#50
Toluene-d8
Concen: 50.093 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 98 Resp: 251236

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4



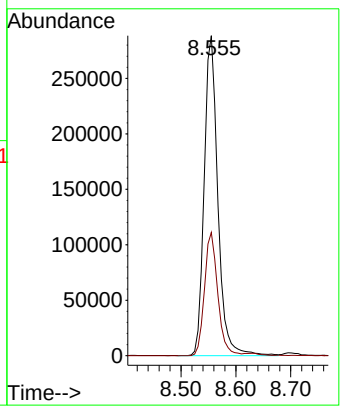


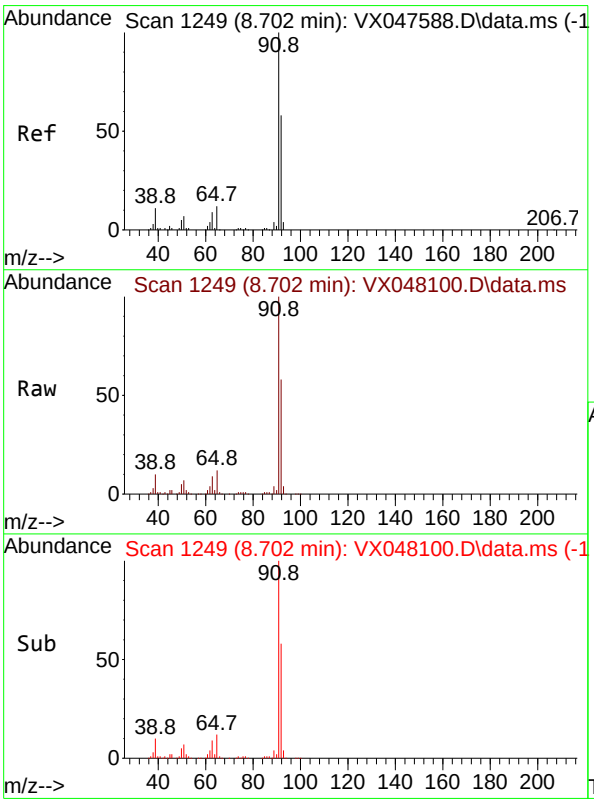
#51
4-Methyl-2-Pentanone
Concen: 241.298 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 497592

Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.3	45.5

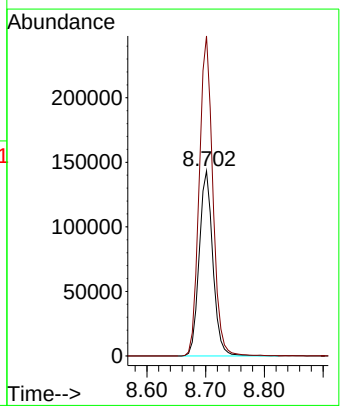


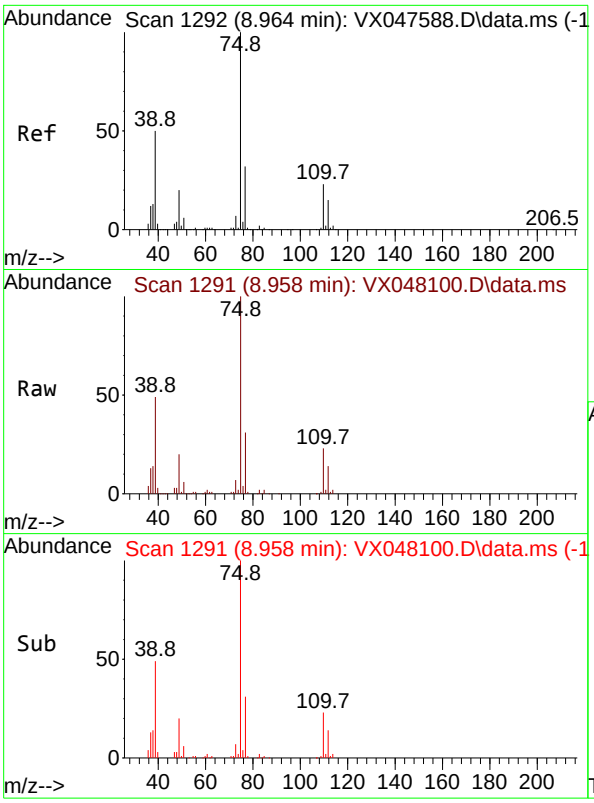


#52
Toluene
Concen: 58.265 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 92 Resp: 230924

Ion	Ratio	Lower	Upper
92	100		
91	172.8	137.1	205.7



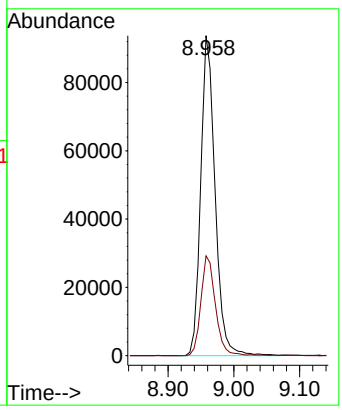


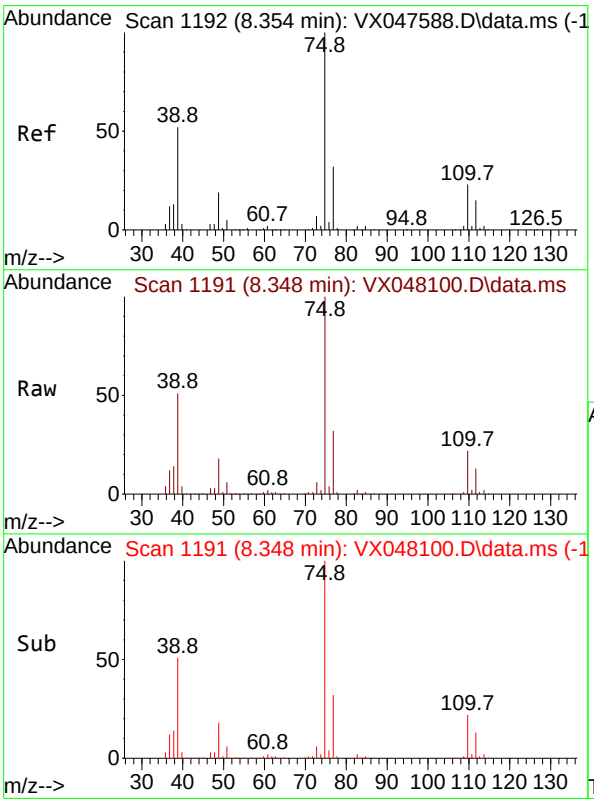
#53
t-1,3-Dichloropropene
Concen: 56.386 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 142267

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2

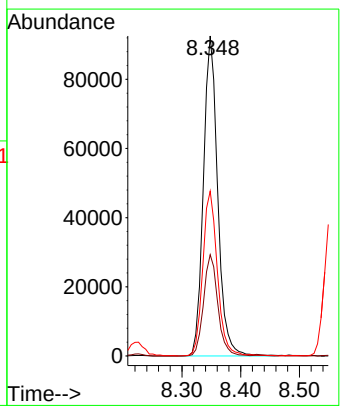


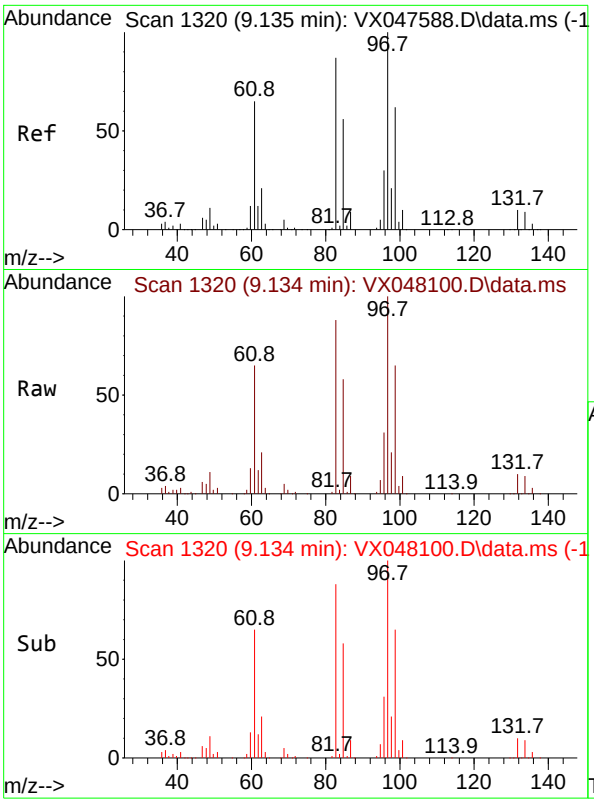


#54
cis-1,3-Dichloropropene
Concen: 58.227 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



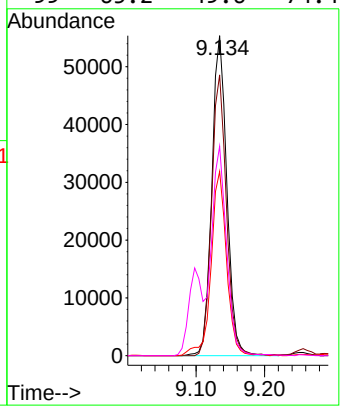


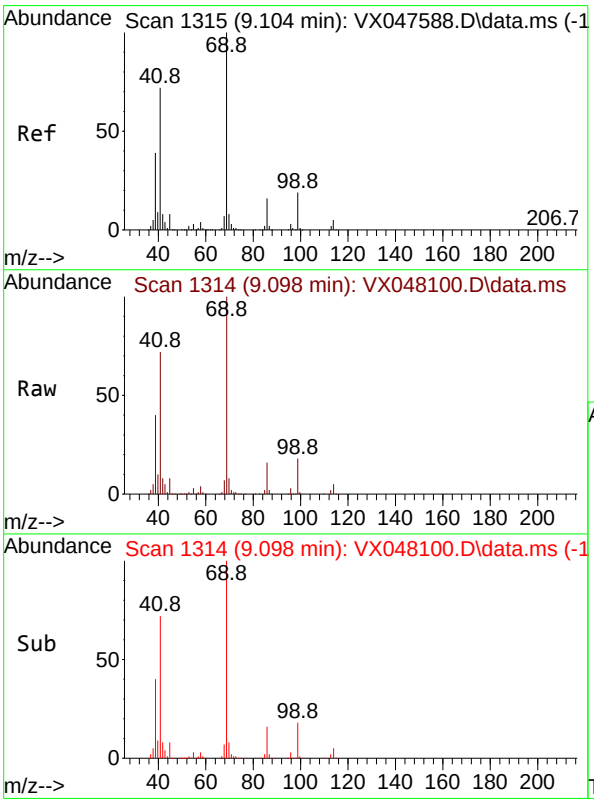
#55
1,1,2-Trichloroethane
Concen: 55.112 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 84224

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

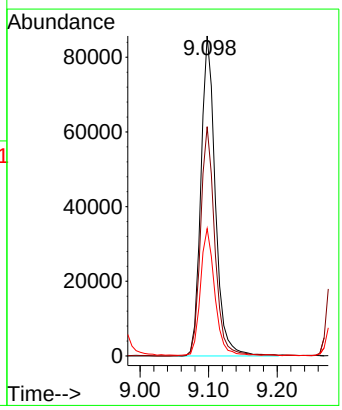


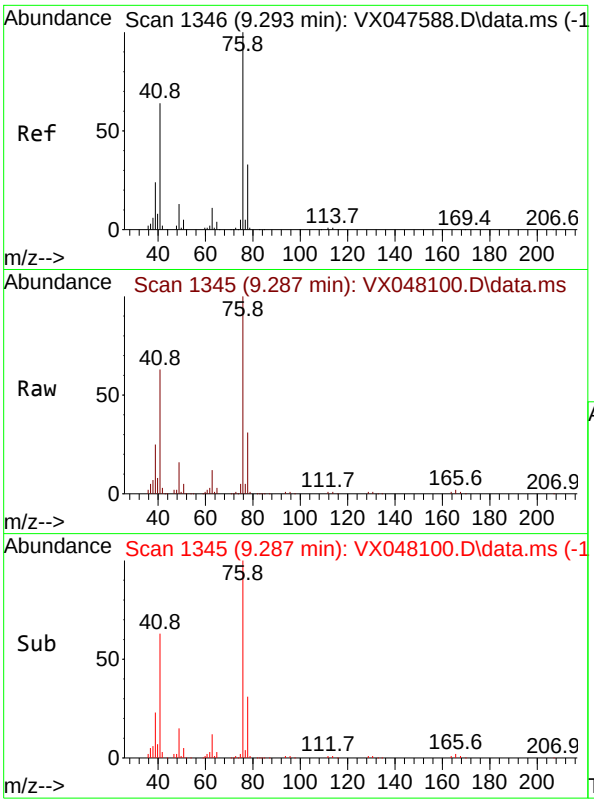


#56
Ethyl methacrylate
Concen: 52.366 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



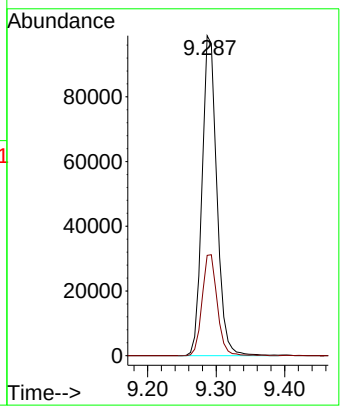


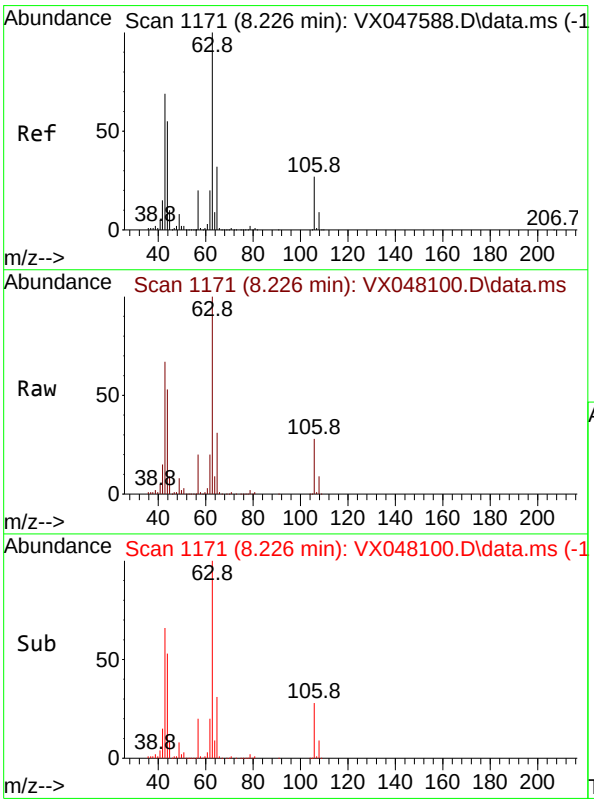
#57
1,3-Dichloropropane
Concen: 56.528 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 148399

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4

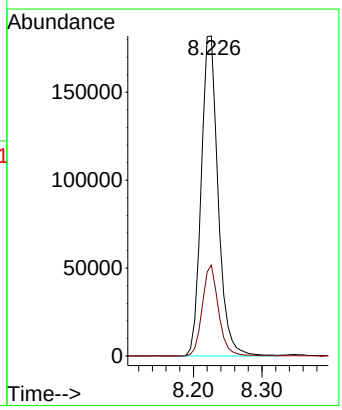


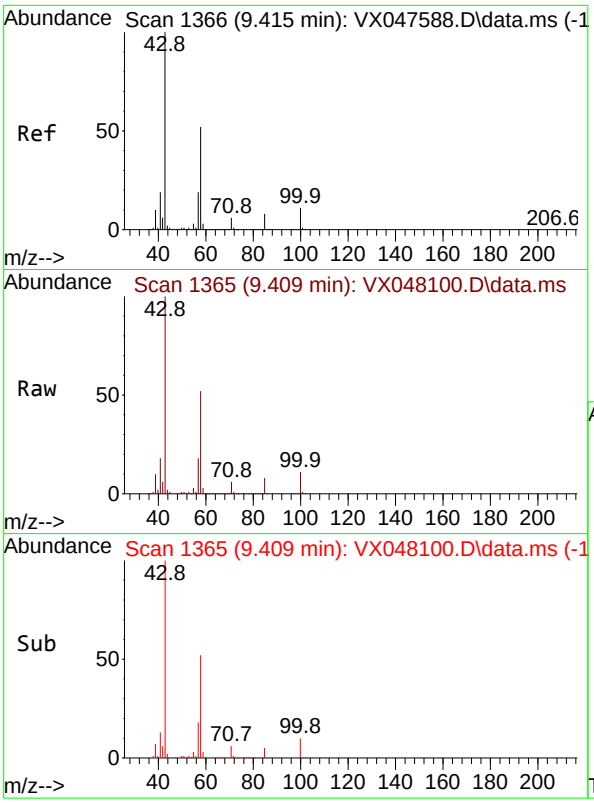


#58
2-Chloroethyl Vinyl ether
Concen: 271.315 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 63 Resp: 312902

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.9	32.9



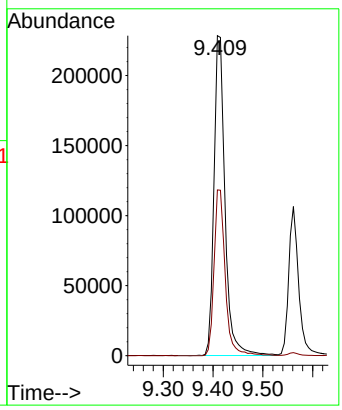


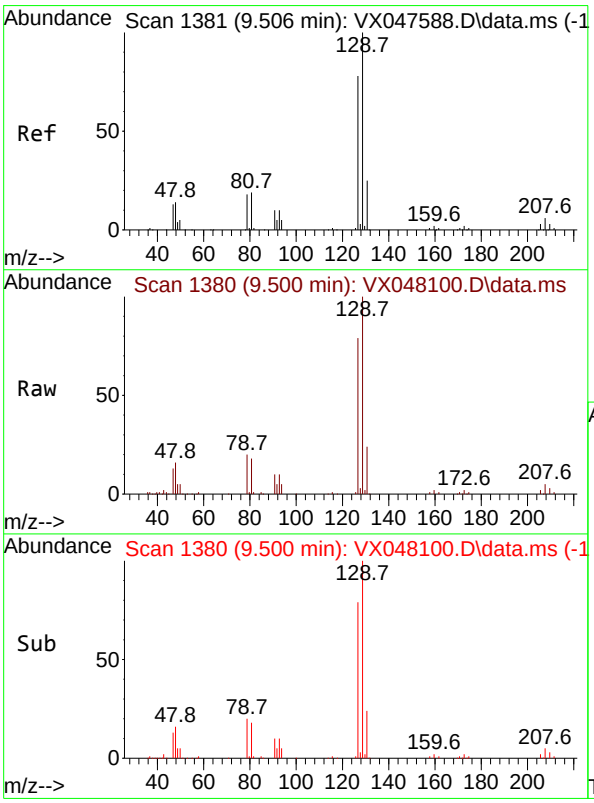
#59
2-Hexanone
Concen: 237.813 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 352211

Ion	Ratio	Lower	Upper
43	100		
58	52.3	26.1	78.2

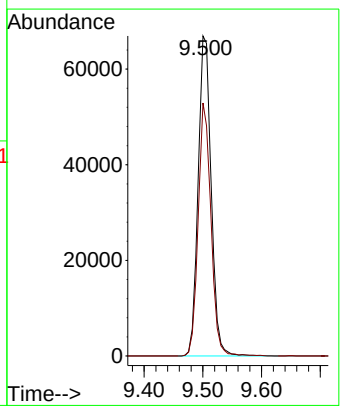


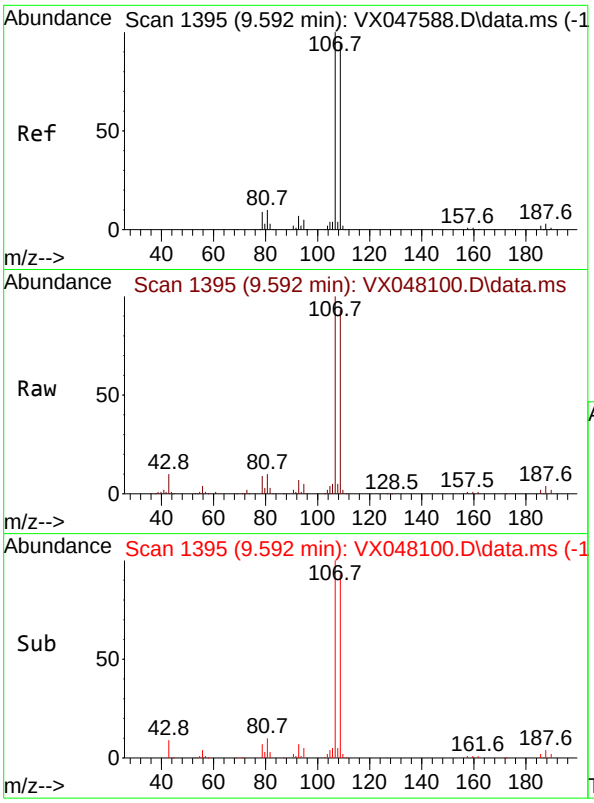


#60
Dibromochloromethane
Concen: 58.645 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:129 Resp: 103266

Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.4	115.2



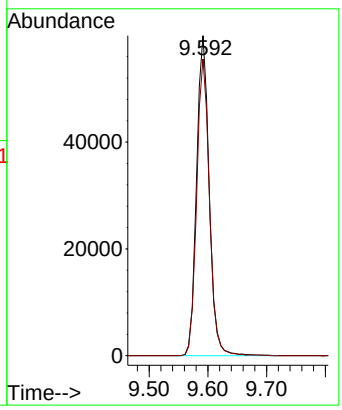


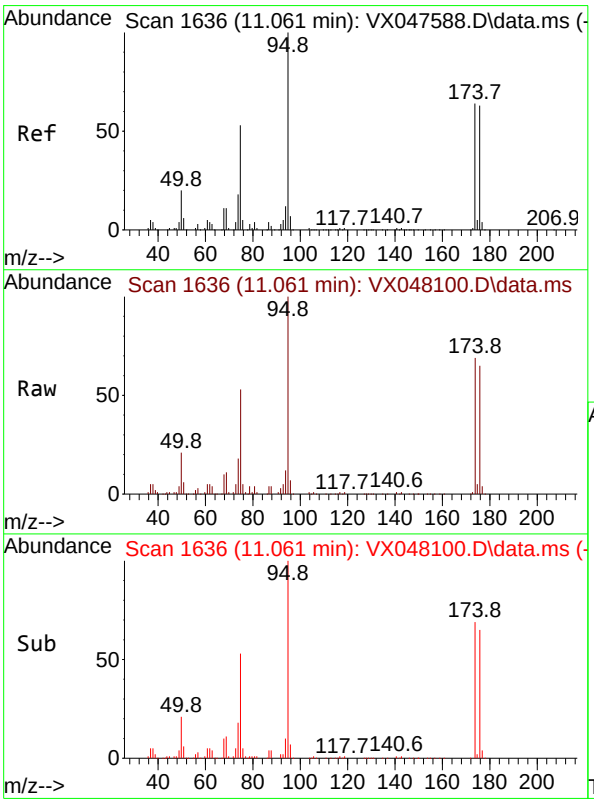
#61
1,2-Dibromoethane
Concen: 57.338 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 89251

Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.3	112.9

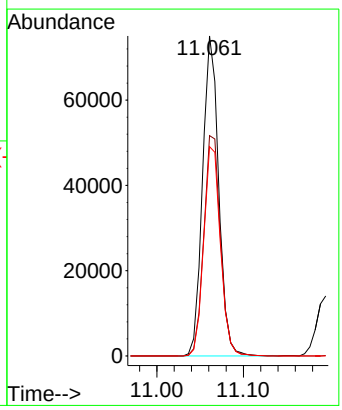


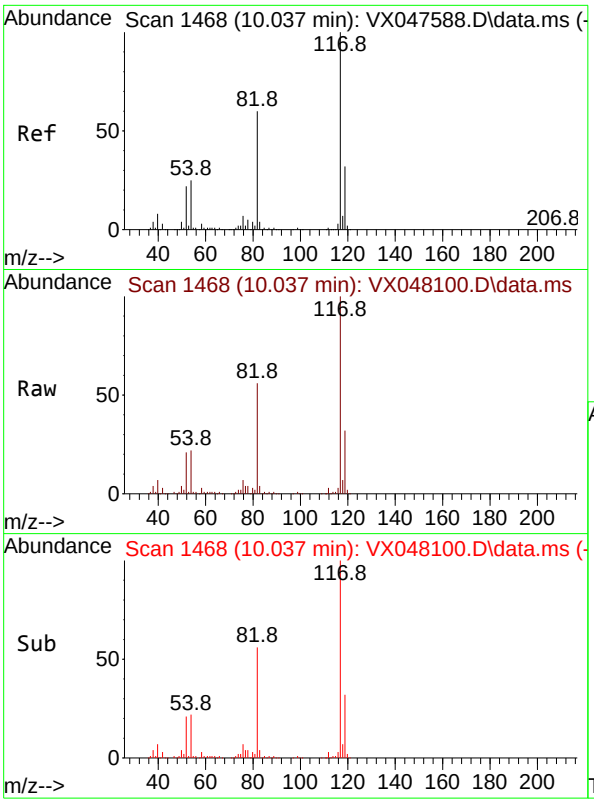


#62
4-Bromofluorobenzene
Concen: 51.012 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



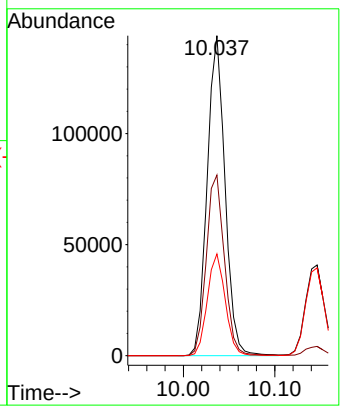


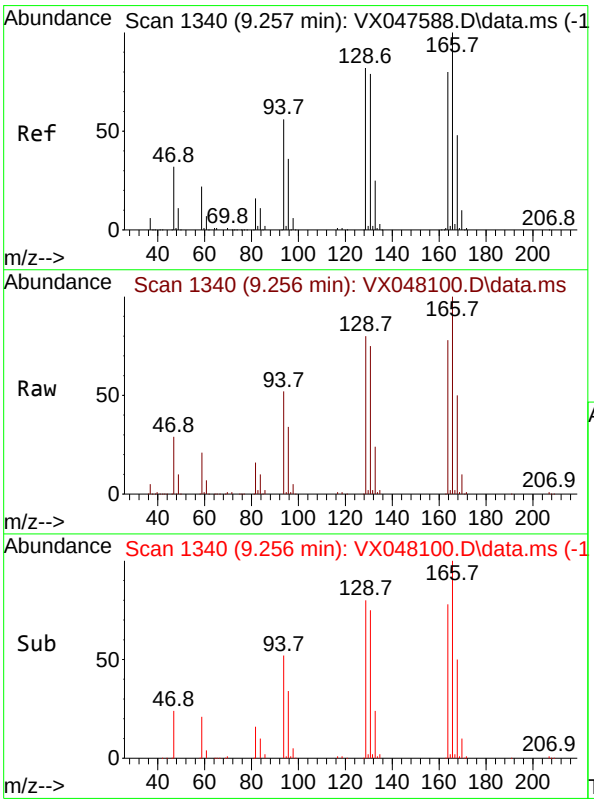
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 194988

Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.8	71.6
119	31.8	25.2	37.8

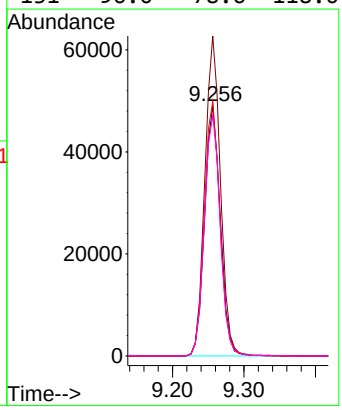


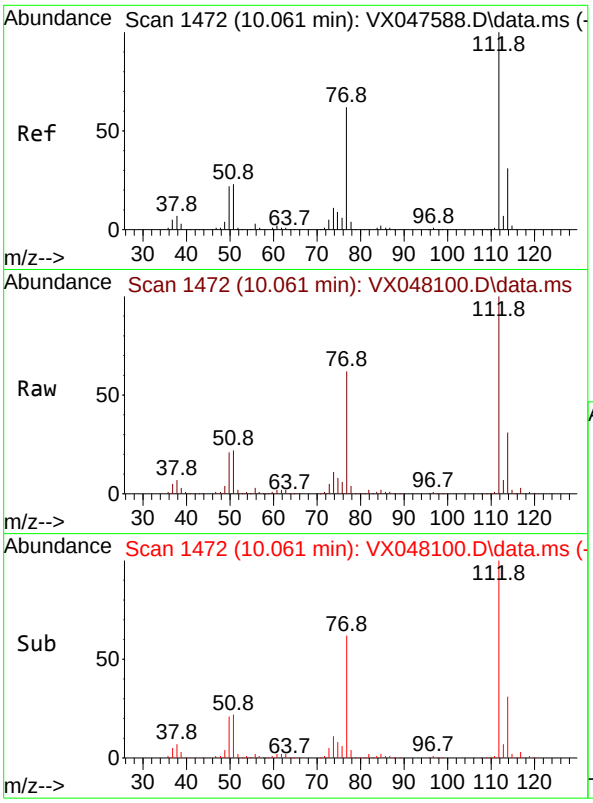


#64
Tetrachloroethene
Concen: 59.002 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



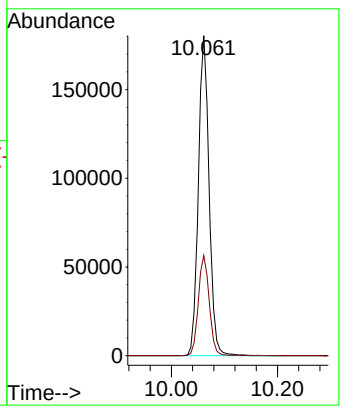


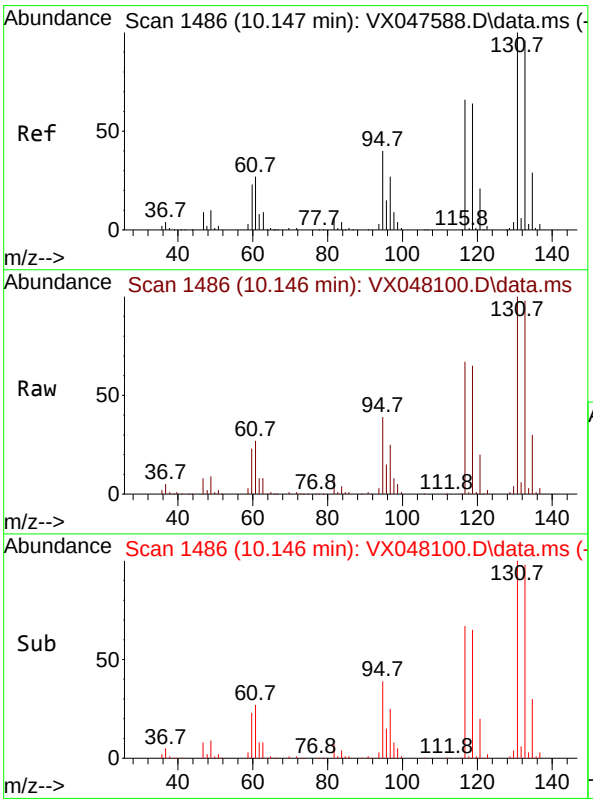
#65
Chlorobenzene
Concen: 57.202 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 253389

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.1	37.7

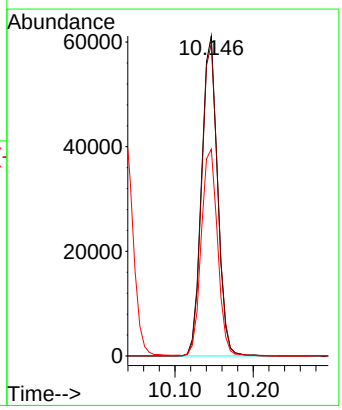


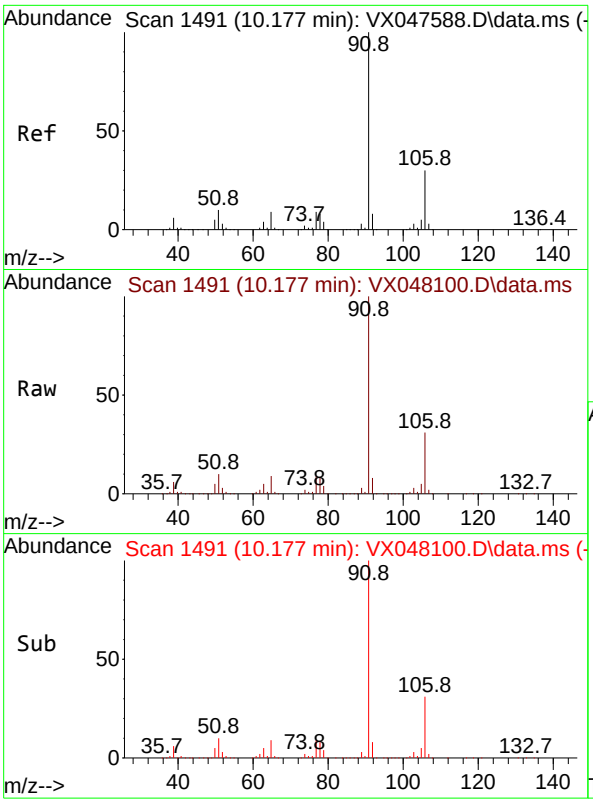


#66
1,1,1,2-Tetrachloroethane
Concen: 56.355 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



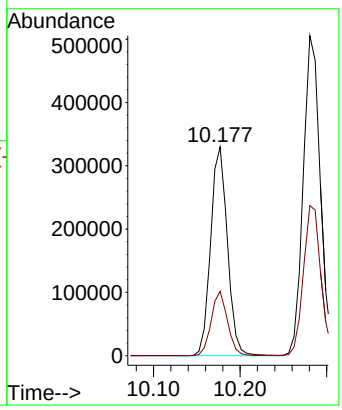


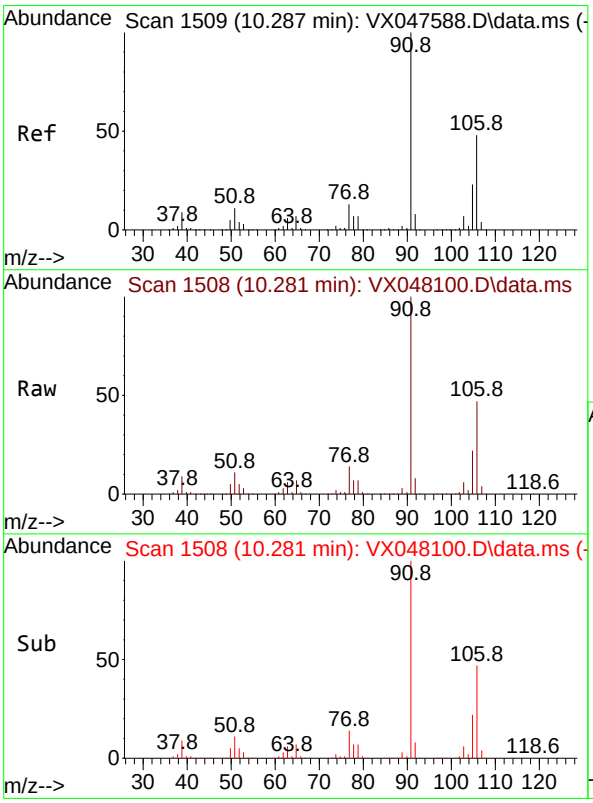
#67
Ethyl Benzene
Concen: 58.052 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 443706

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.3	36.5

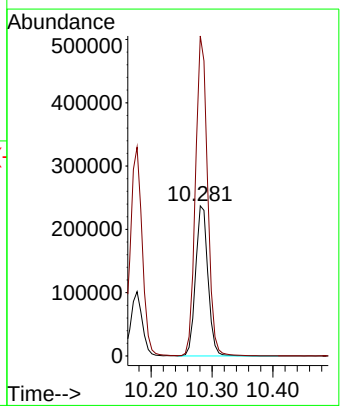


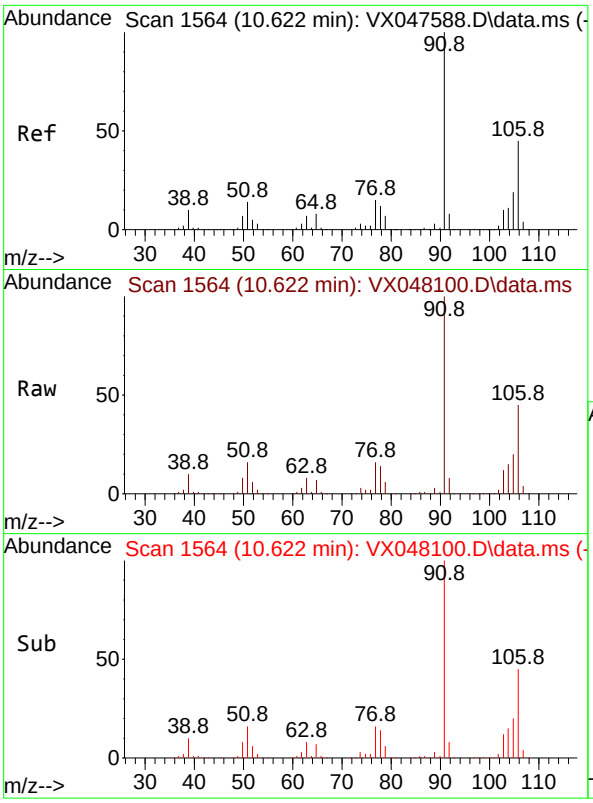


#68
m/p-Xylenes
Concen: 117.368 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:106 Resp: 333897

Ion	Ratio	Lower	Upper
106	100		
91	208.1	167.8	251.8



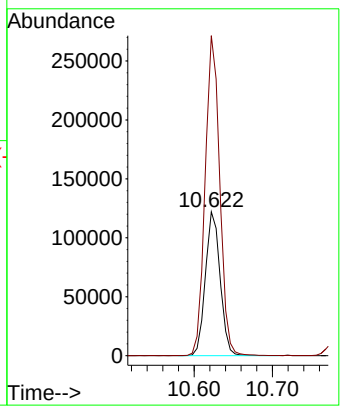


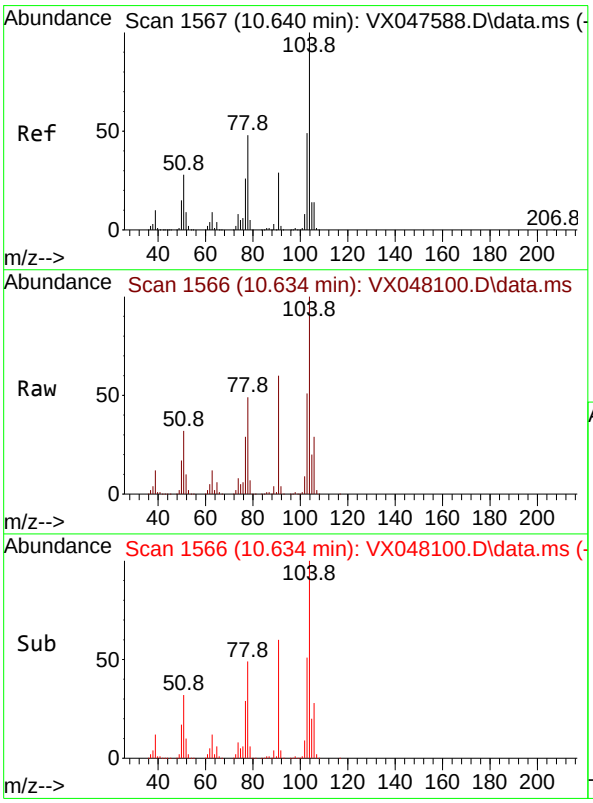
#69
o-Xylene
Concen: 57.817 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 159091

Ion	Ratio	Lower	Upper
106	100		
91	220.4	111.1	333.4

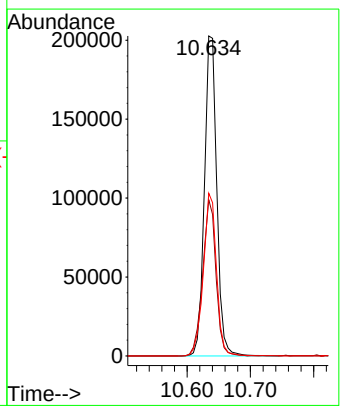


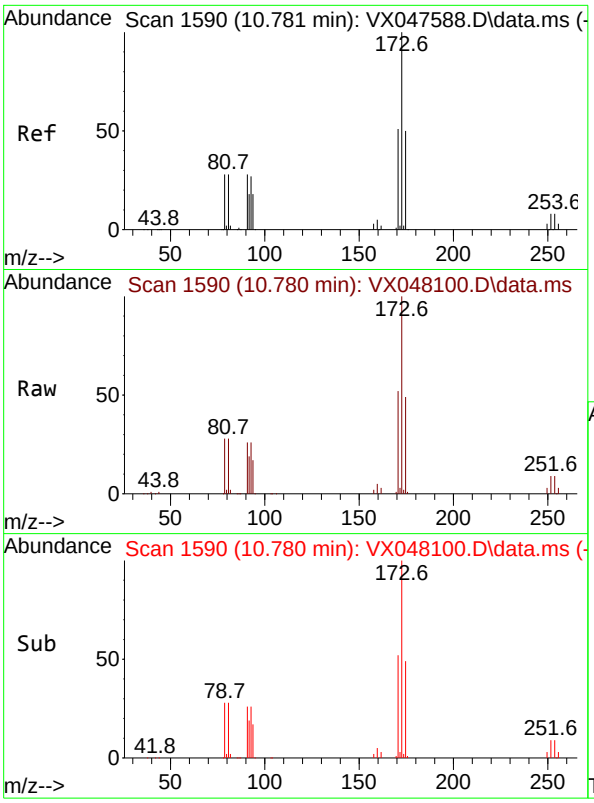


#70
Styrene
Concen: 57.245 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



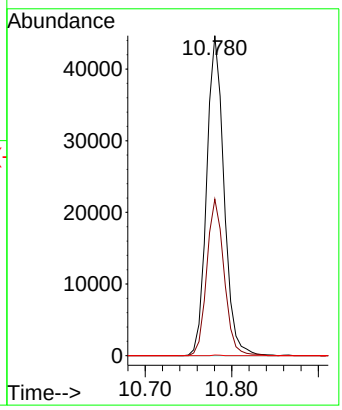


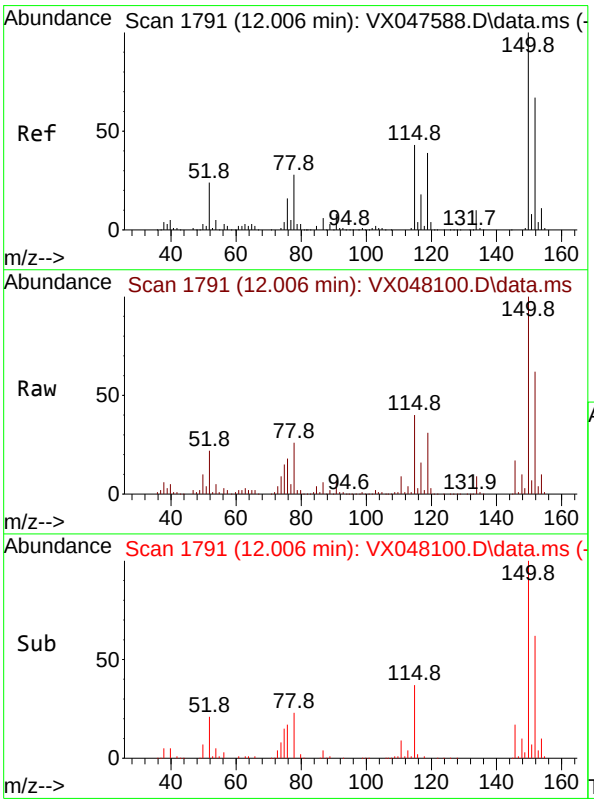
#71
Bromoform
Concen: 54.395 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 62086

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.9	74.6
254	0.1	0.1	0.1

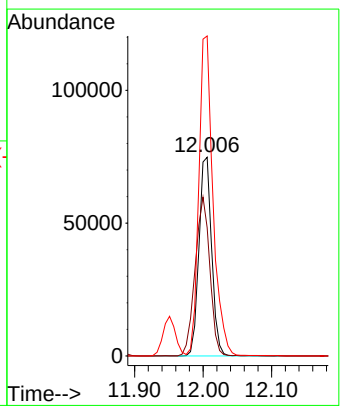


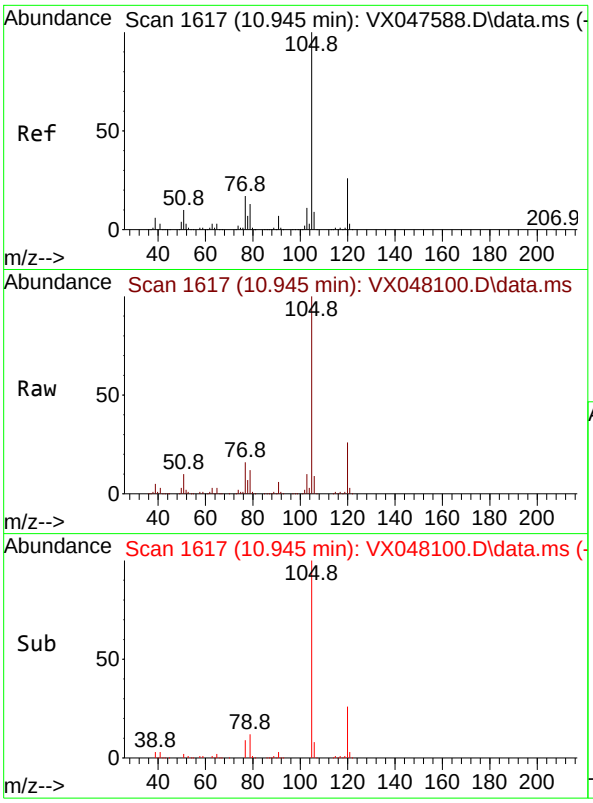


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



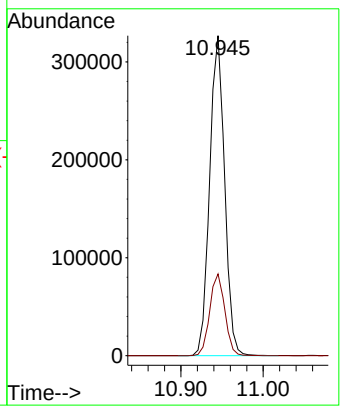


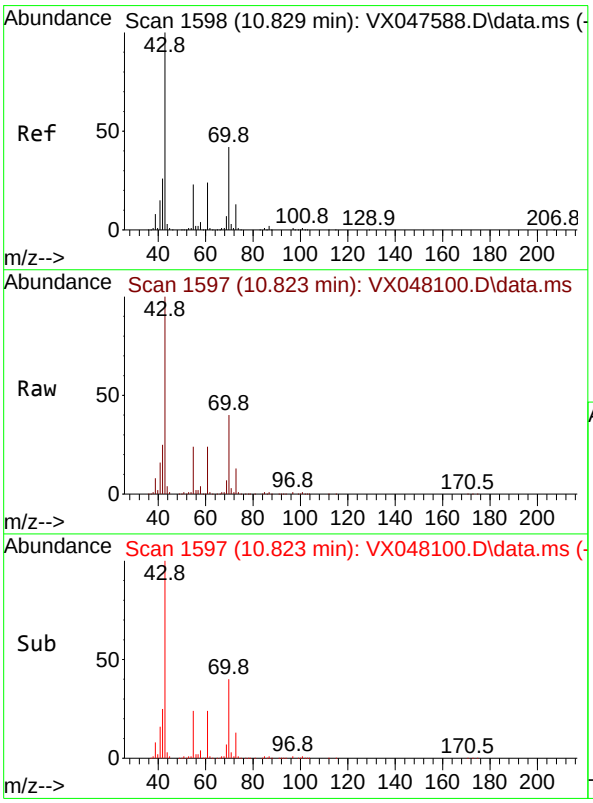
#73
Isopropylbenzene
Concen: 55.989 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 411969

Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.8	38.4

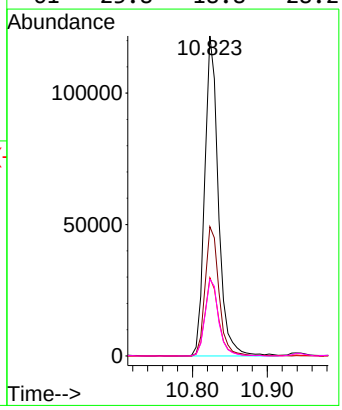


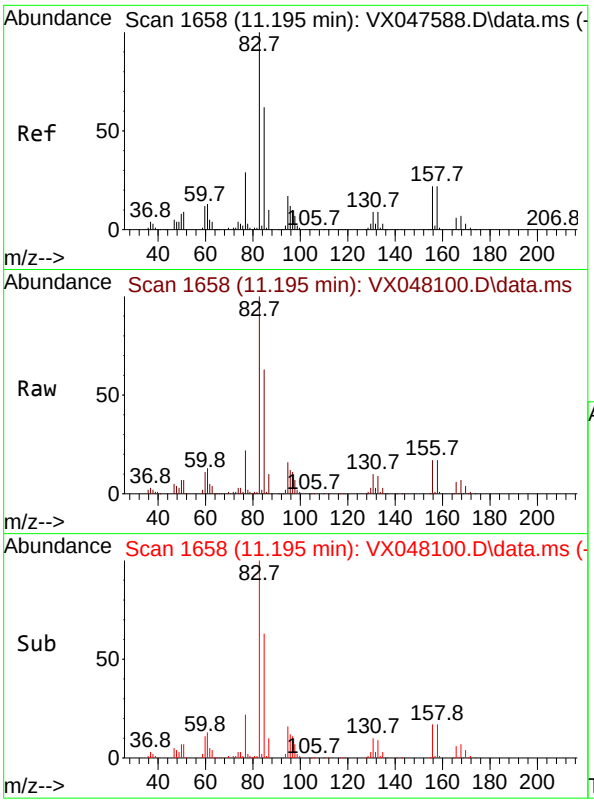


#74
N-amyl acetate
Concen: 46.230 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



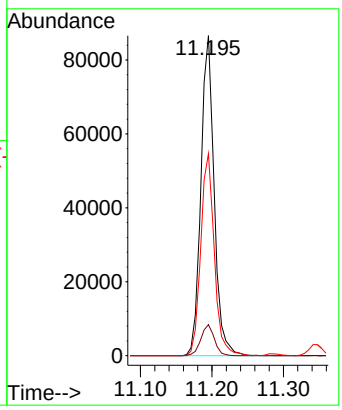


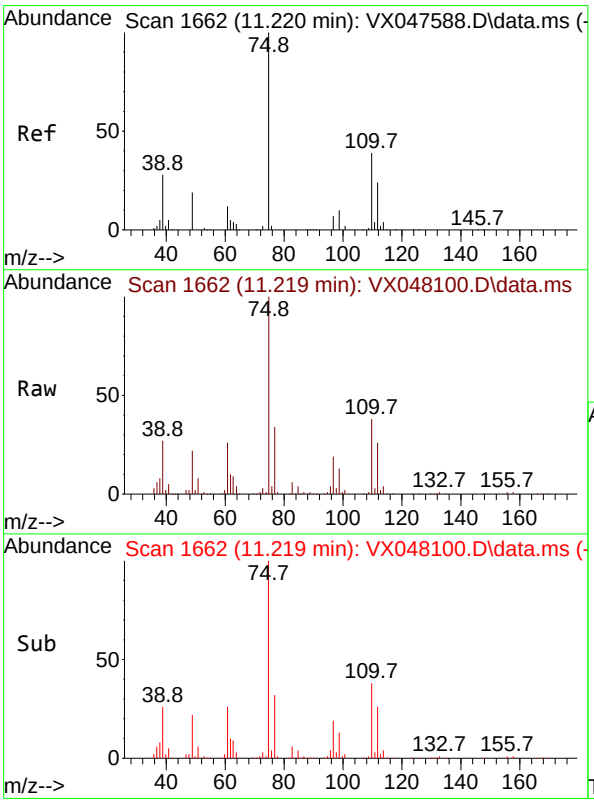
#75
1,1,2,2-Tetrachloroethane
Concen: 50.181 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 111713

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	14.9
85	64.4	31.6	95.0

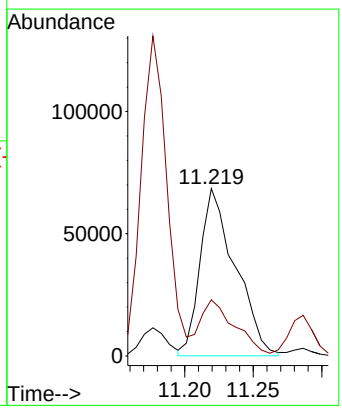


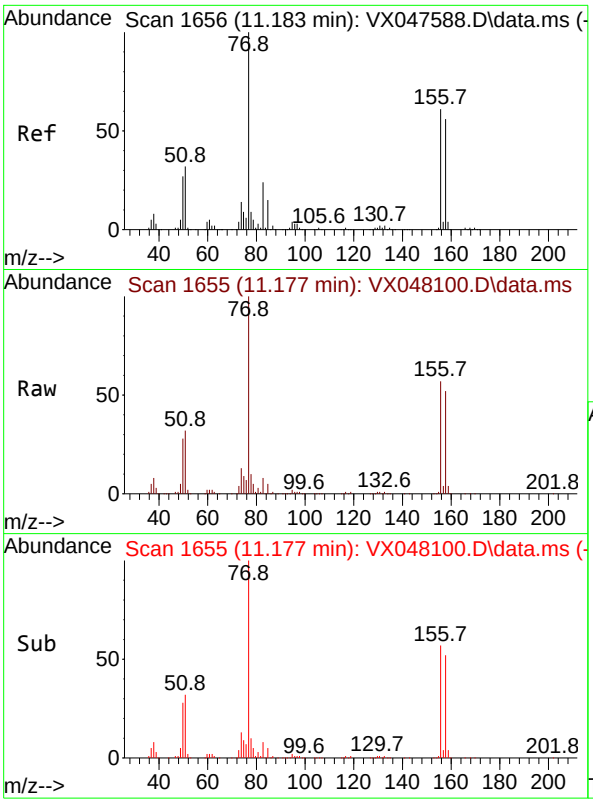


#76
1,2,3-Trichloropropane
Concen: 62.747 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 75 Resp: 122956

Ion	Ratio	Lower	Upper
75	100		
77	33.6	18.8	56.4



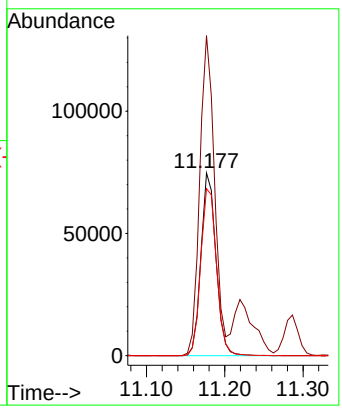


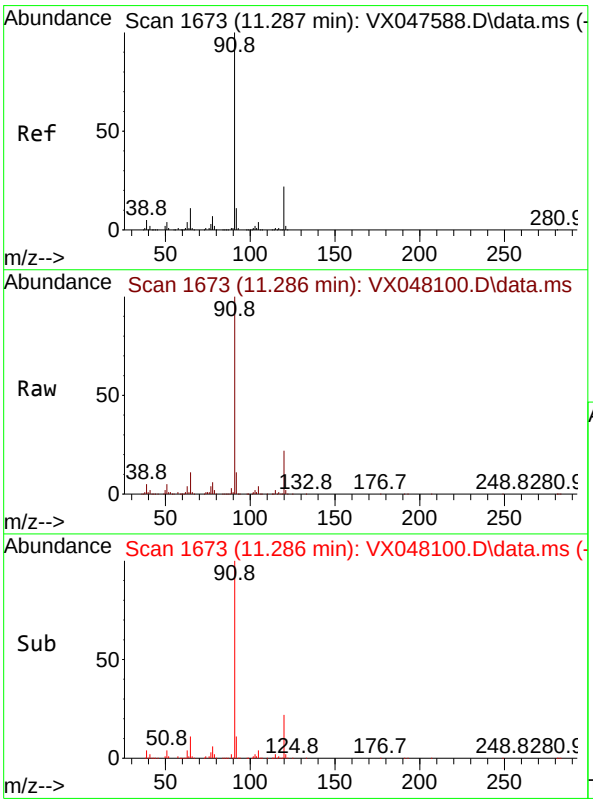
#77
Bromobenzene
Concen: 54.799 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 99309

Ion	Ratio	Lower	Upper
156	100		
77	172.1	89.7	269.1
158	96.1	47.9	143.6

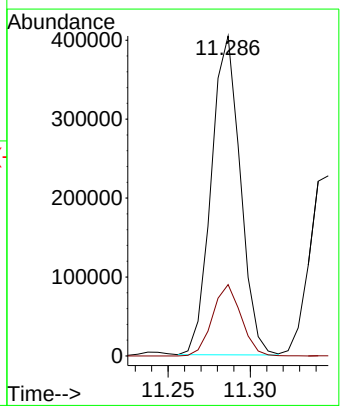


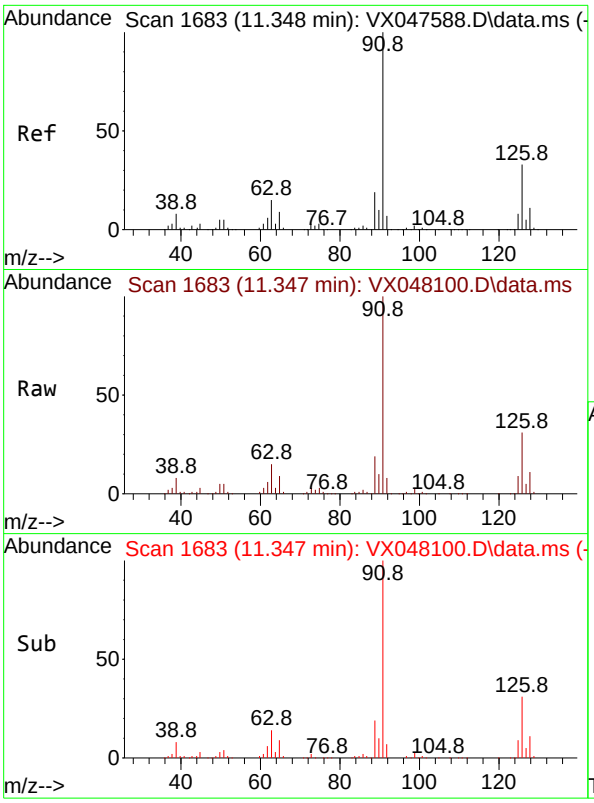


#78
n-propylbenzene
Concen: 57.121 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 91 Resp: 496845

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.1



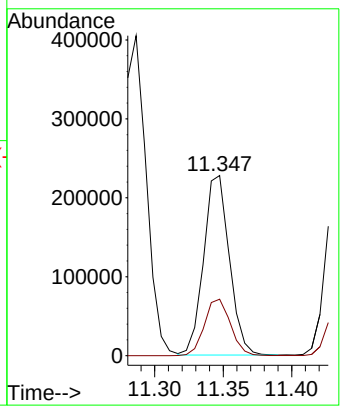


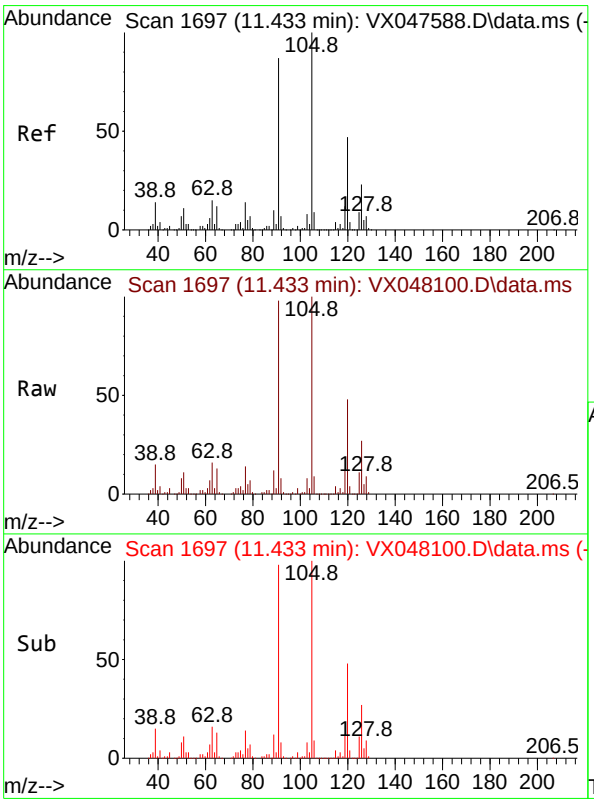
#79
2-Chlorotoluene
Concen: 55.758 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 297049

Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.1	48.3

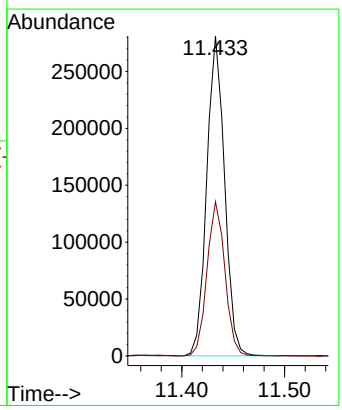


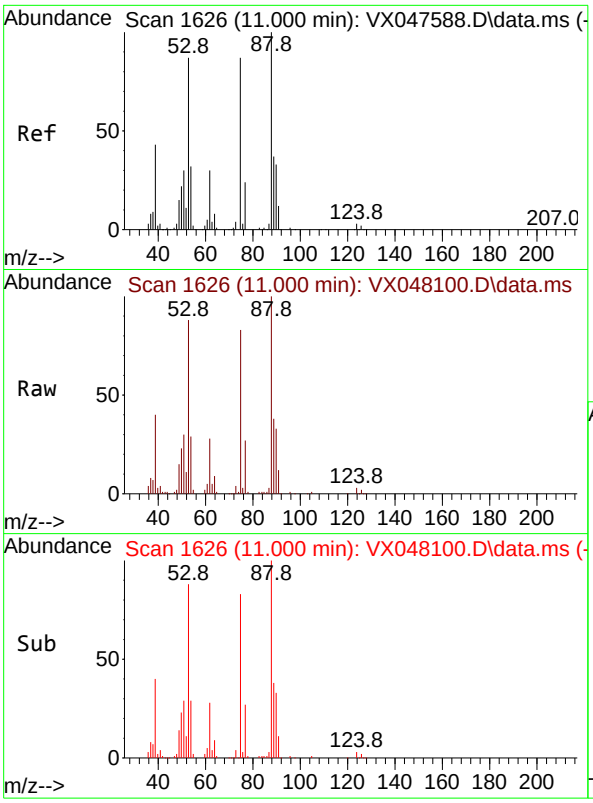


#80
1,3,5-Trimethylbenzene
Concen: 55.914 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 338016

Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.6	70.8



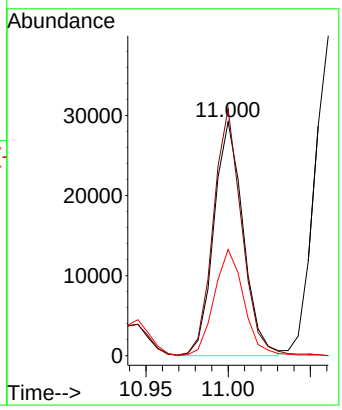


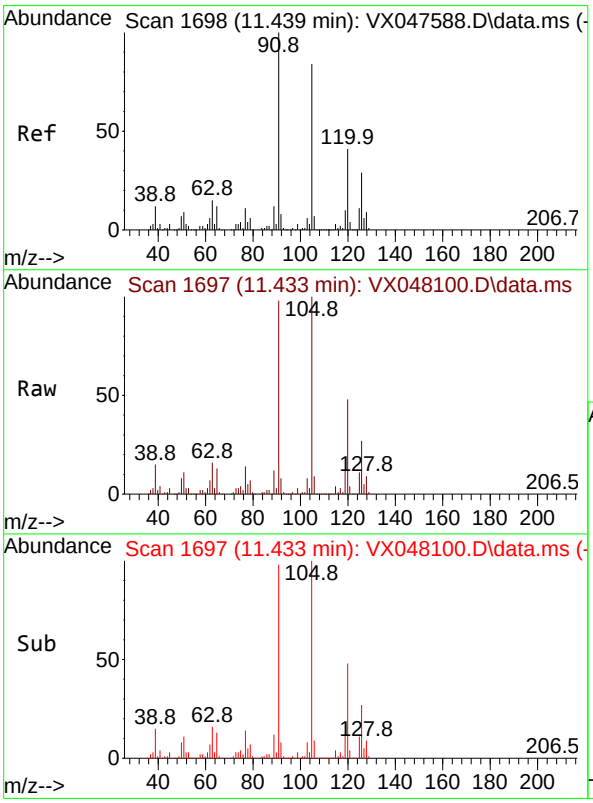
#81
trans-1,4-Dichloro-2-butene
Concen: 47.261 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 36316

Ion	Ratio	Lower	Upper
75	100		
53	102.6	83.4	125.2
89	45.9	36.3	54.5

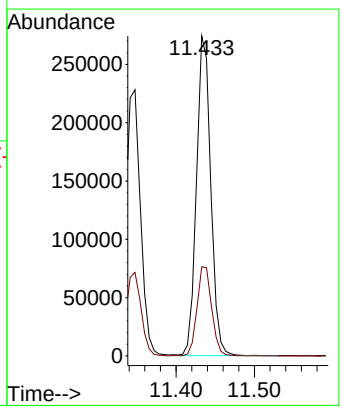


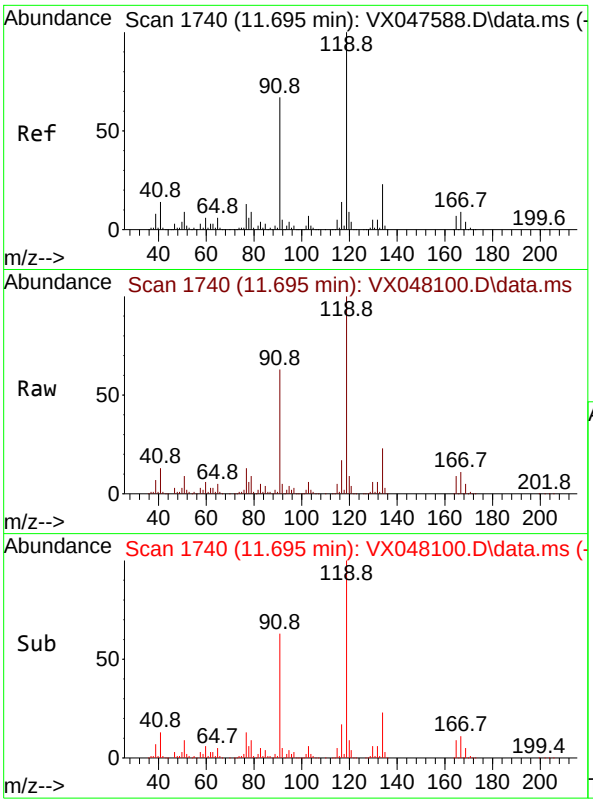


#82
4-Chlorotoluene
Concen: 55.281 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion: 91 Resp: 347825

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6



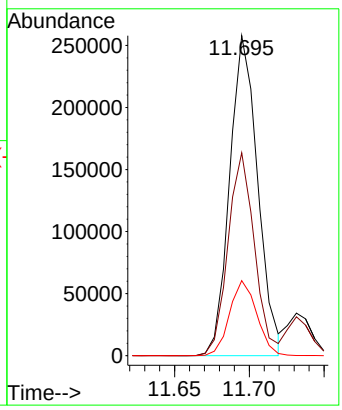


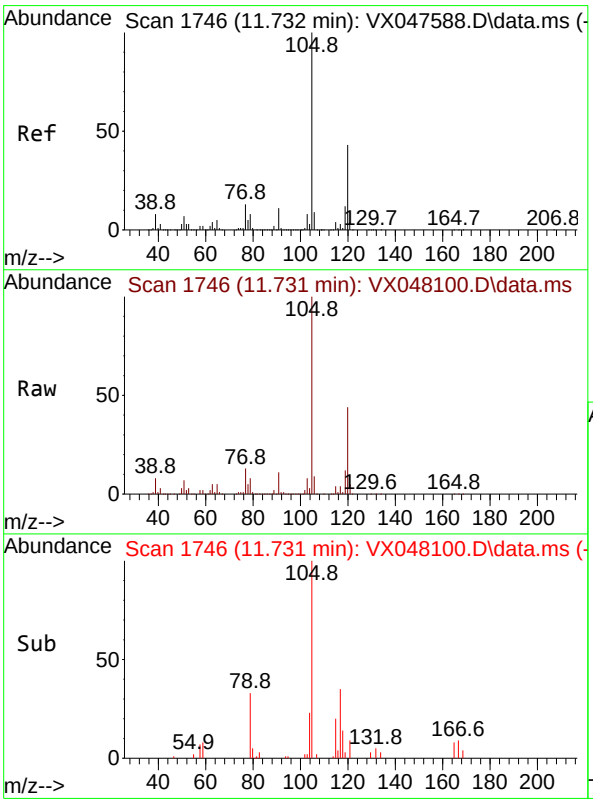
#83
tert-Butylbenzene
Concen: 54.322 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 336170

Ion	Ratio	Lower	Upper
119	100		
91	60.0	29.6	88.8
134	22.8	11.0	33.0

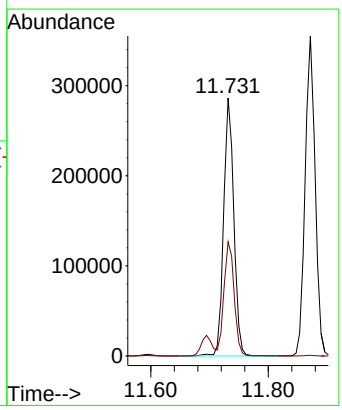


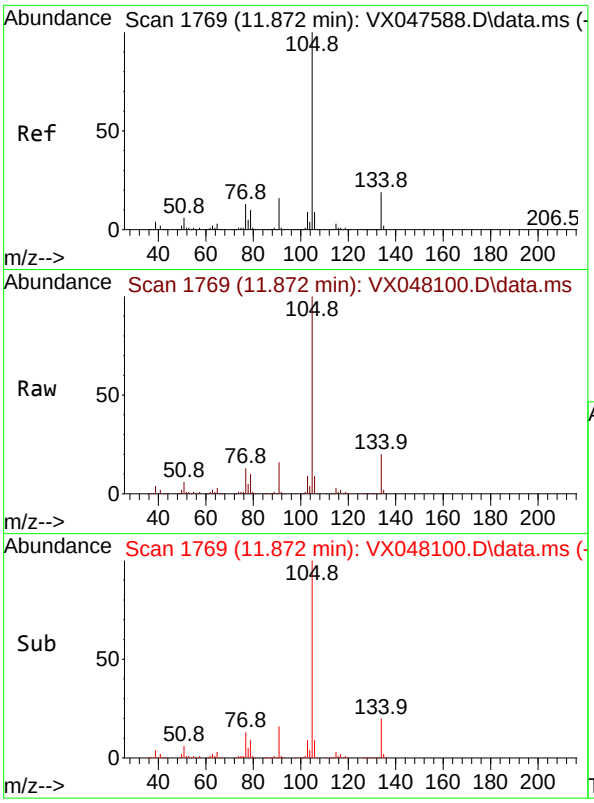


#84
1,2,4-Trimethylbenzene
Concen: 56.322 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:105 Resp: 345195

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1



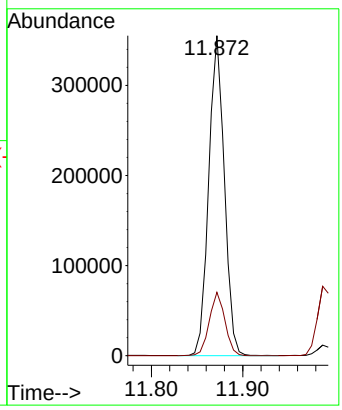


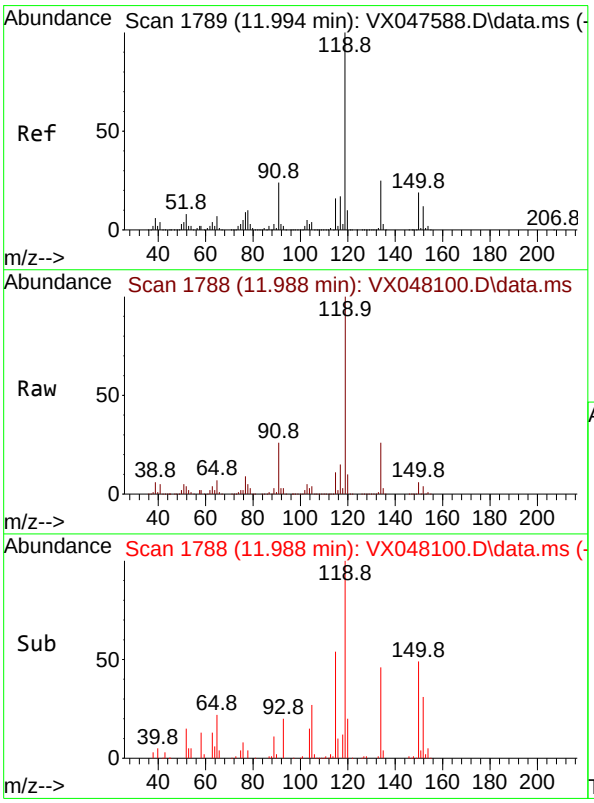
#85
sec-Butylbenzene
Concen: 57.181 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 420318

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.5

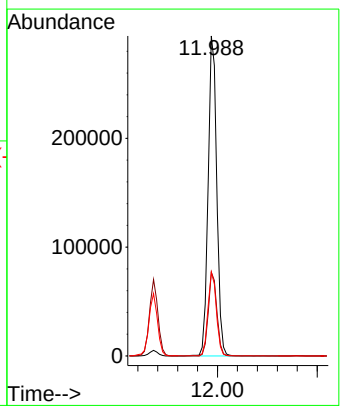


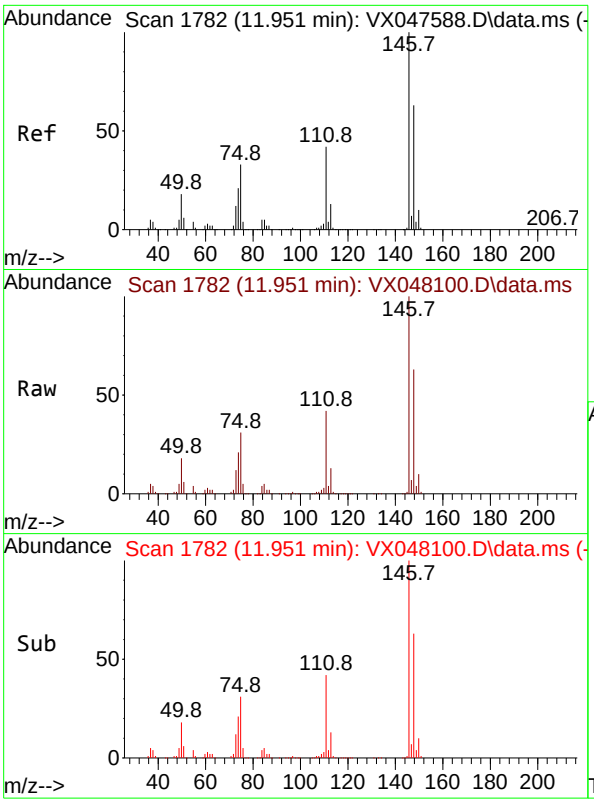


#86
p-Isopropyltoluene
Concen: 56.570 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



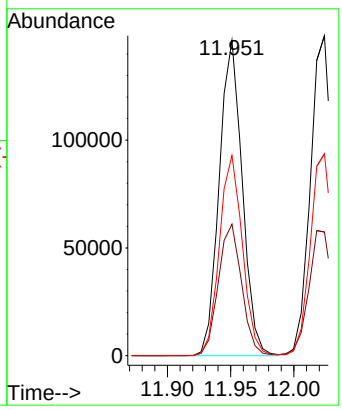


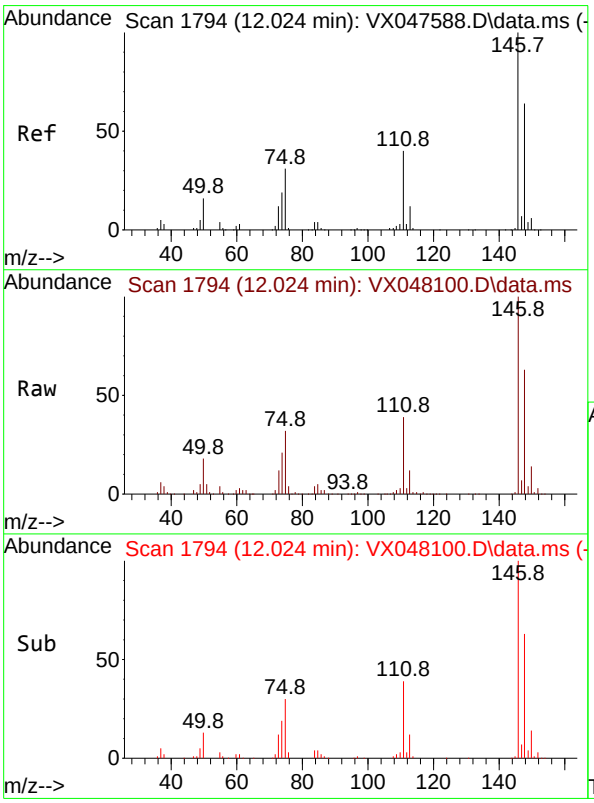
#87
1,3-Dichlorobenzene
Concen: 54.956 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 184986

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.5	64.5
148	63.6	32.0	96.0

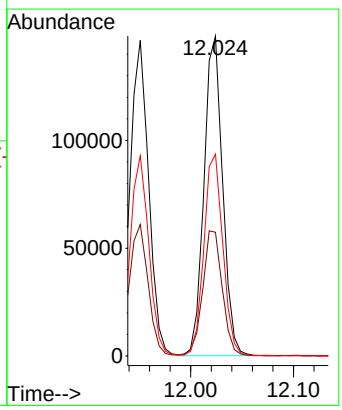


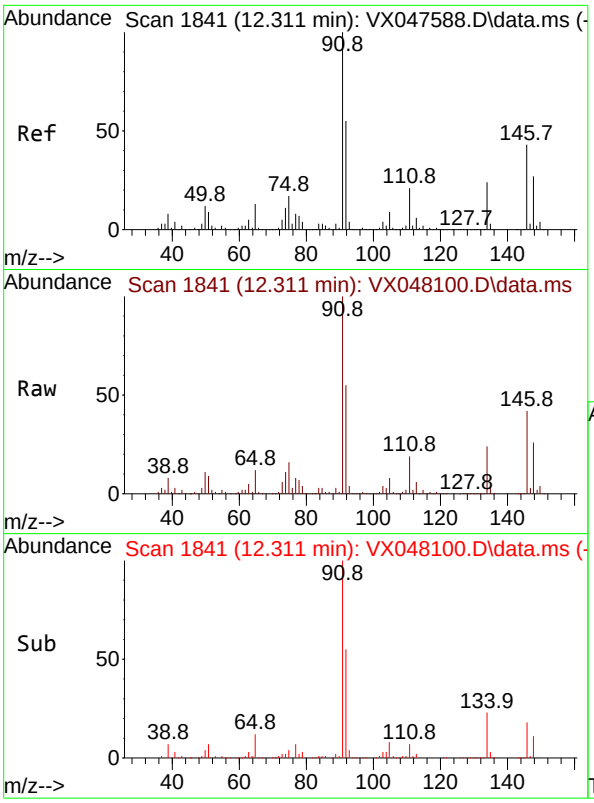


#88
1,4-Dichlorobenzene
Concen: 54.079 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



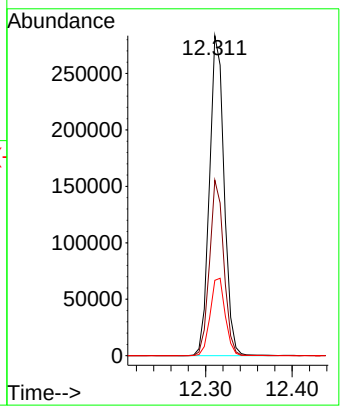


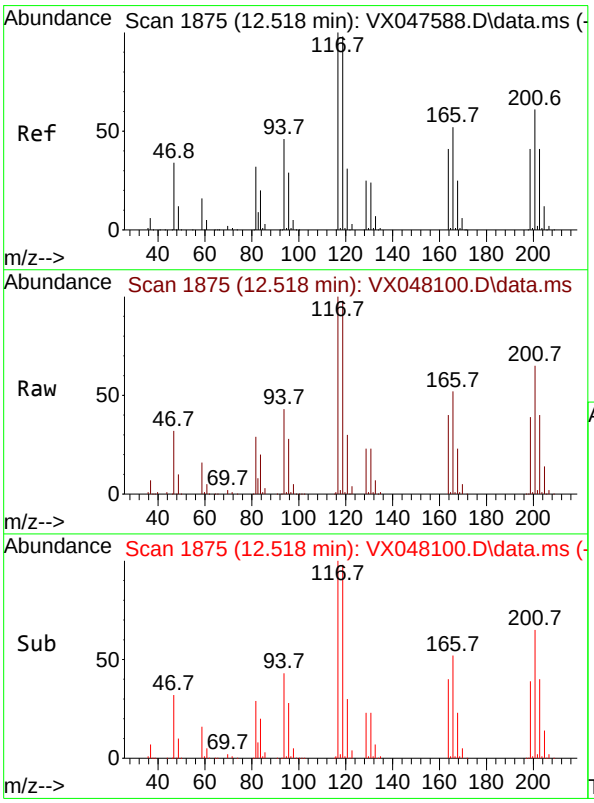
#89
n-Butylbenzene
Concen: 57.851 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 333120

Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.6	82.7
134	25.0	12.6	37.8

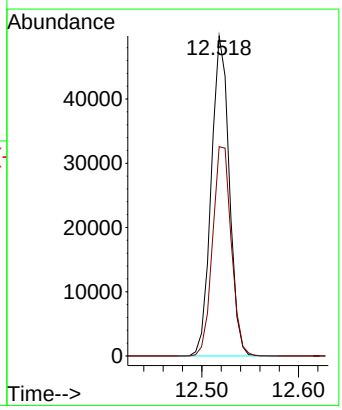


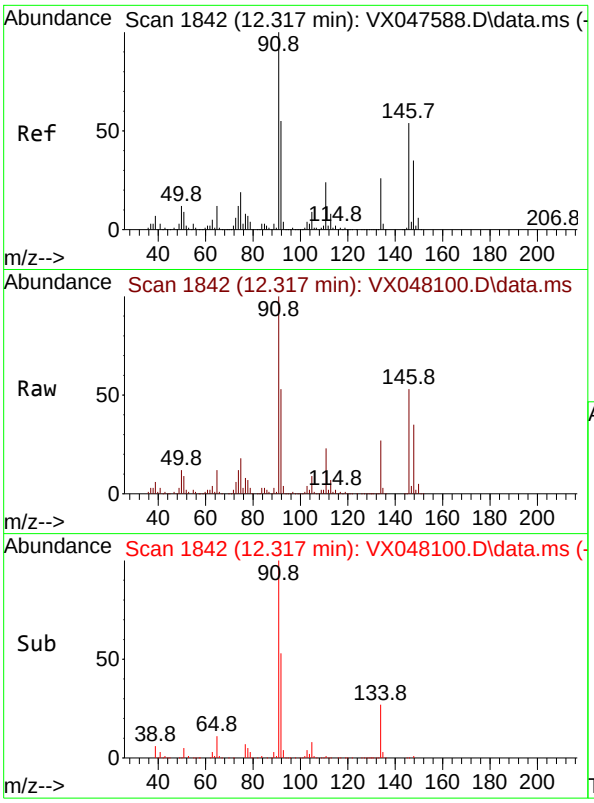


#90
Hexachloroethane
Concen: 58.920 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Tgt Ion:117 Resp: 64375

Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.2	102.5



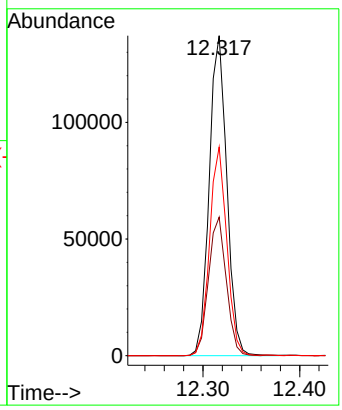


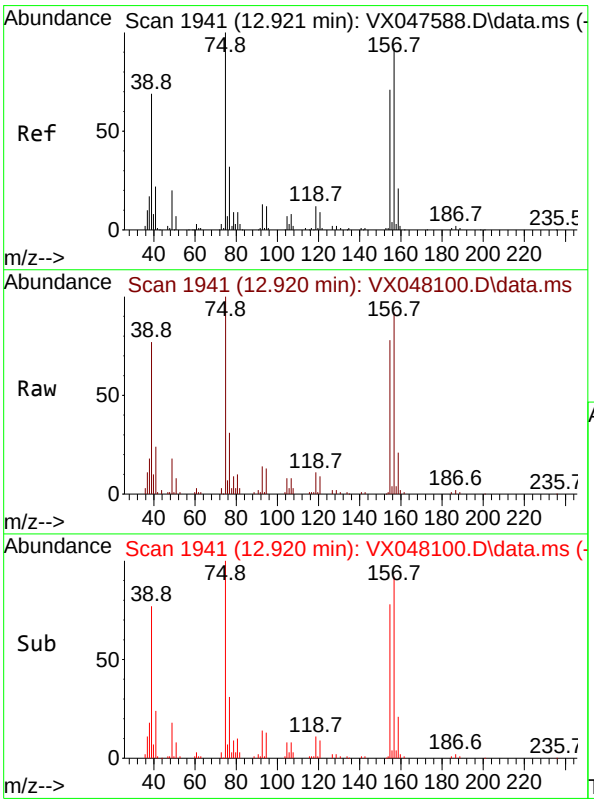
#91
1,2-Dichlorobenzene
Concen: 54.103 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 173500

Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	64.0	31.8	95.4

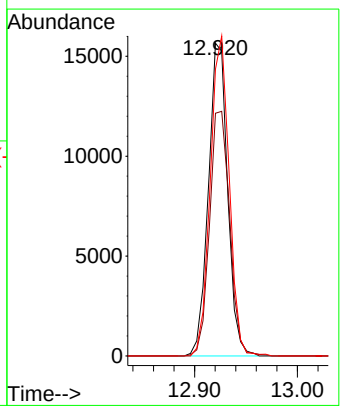


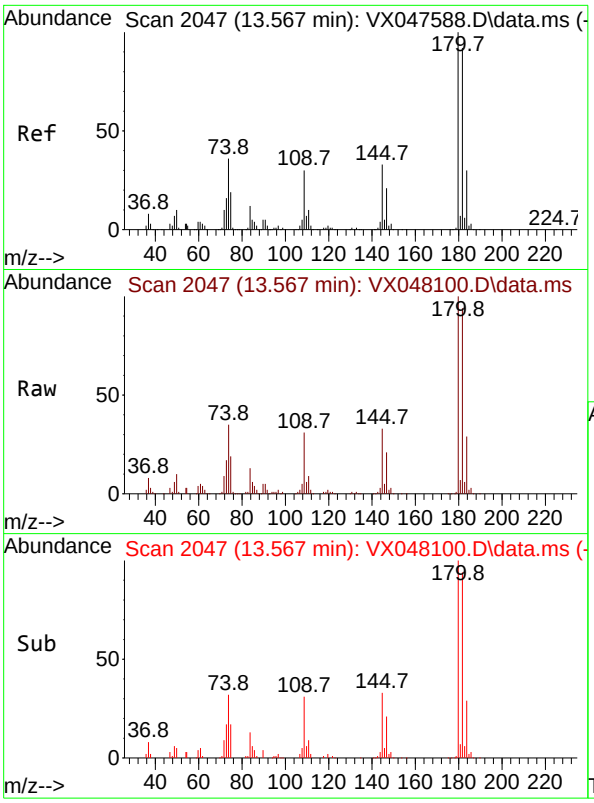


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.201 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



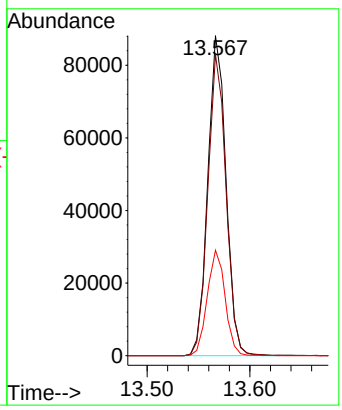


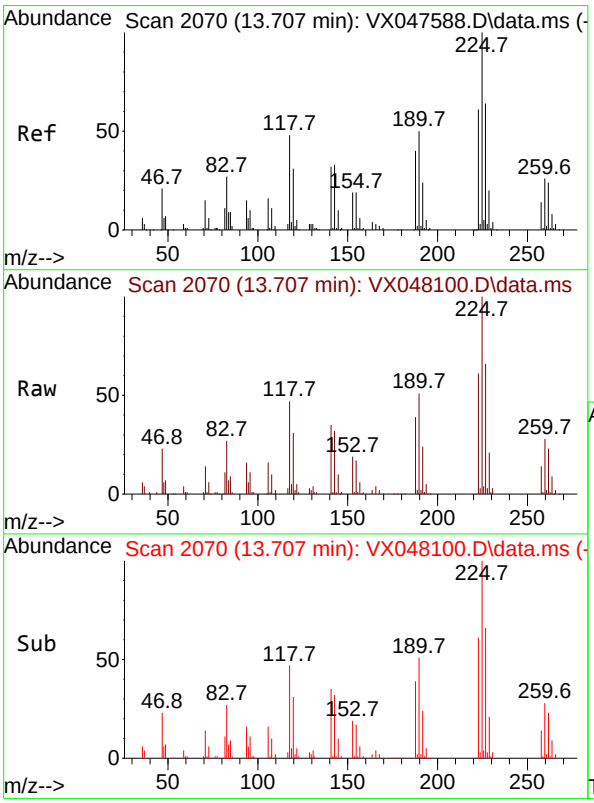
#93
1,2,4-Trichlorobenzene
Concen: 52.181 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 108755

Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.6	139.8
145	32.4	16.4	49.1

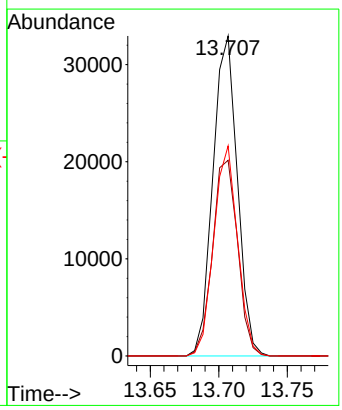


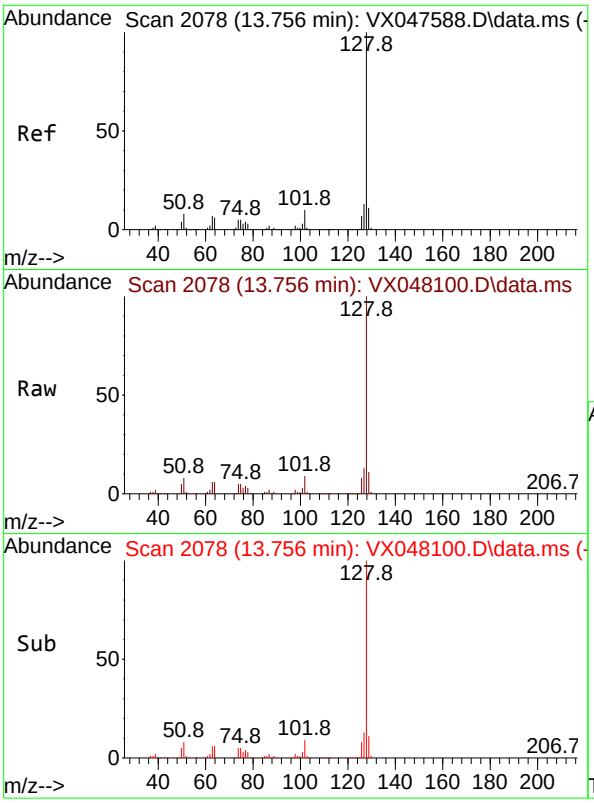


#94
Hexachlorobutadiene
Concen: 57.698 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



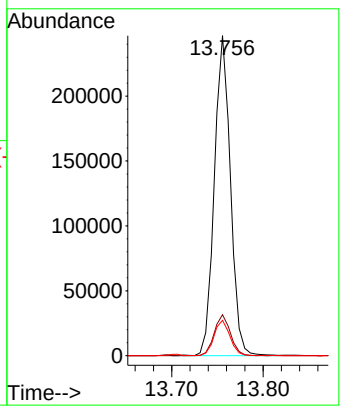


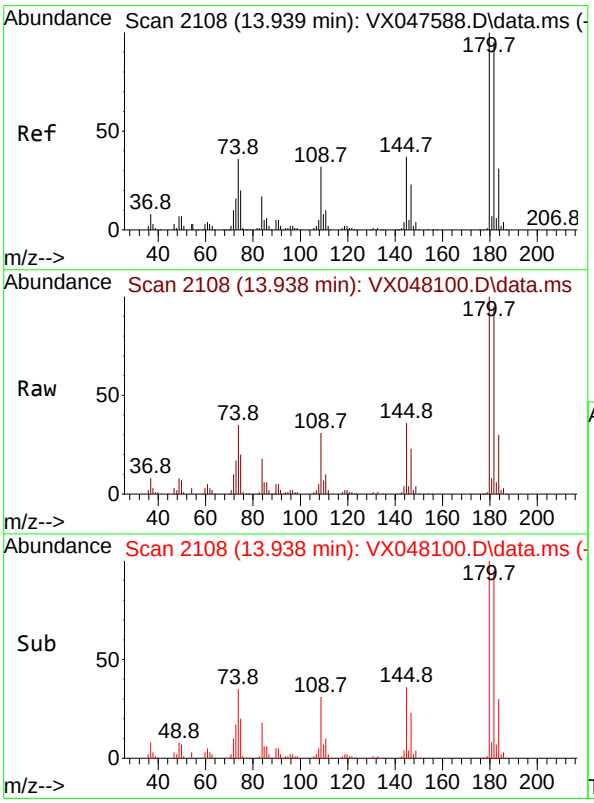
#95
Naphthalene
Concen: 47.508 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 301510

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.8	13.2

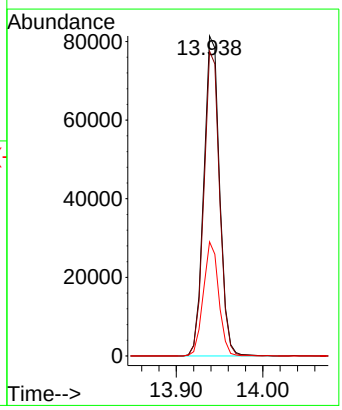




#96
1,2,3-Trichlorobenzene
Concen: 53.220 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048100.D
Acq: 10 Oct 2025 10:45

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



Quantitation Report (Not Reviewed)

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

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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

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

Quantitation Report (Not Reviewed)

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

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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

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	41305	19.079	ug/l		92
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

Quantitation Report (Not Reviewed)

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

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

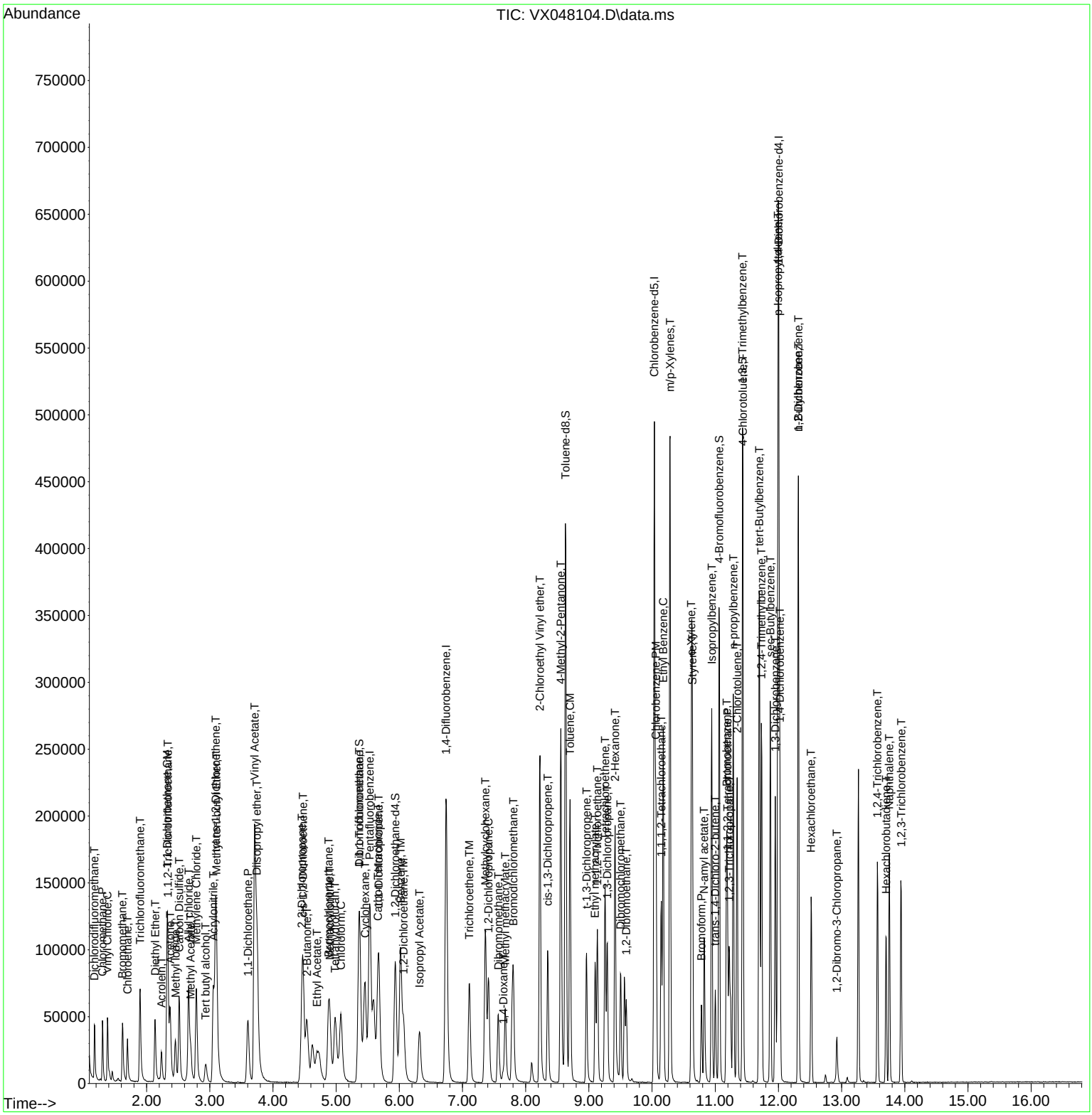
(#) = qualifier out of range (m) = manual integration (+) = signals summed

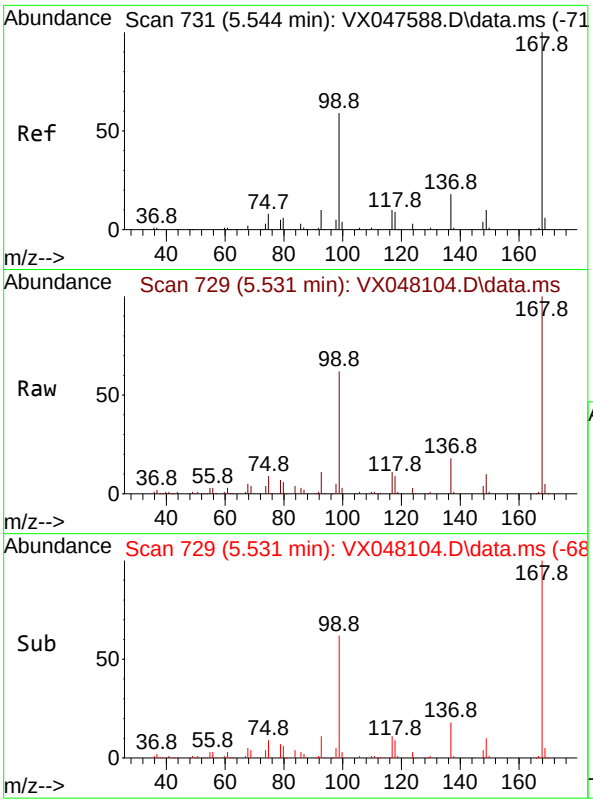
Quantitation Report (Not Reviewed)

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

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

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



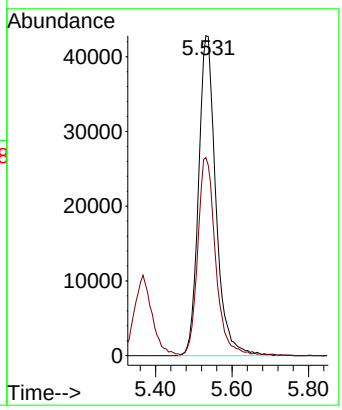


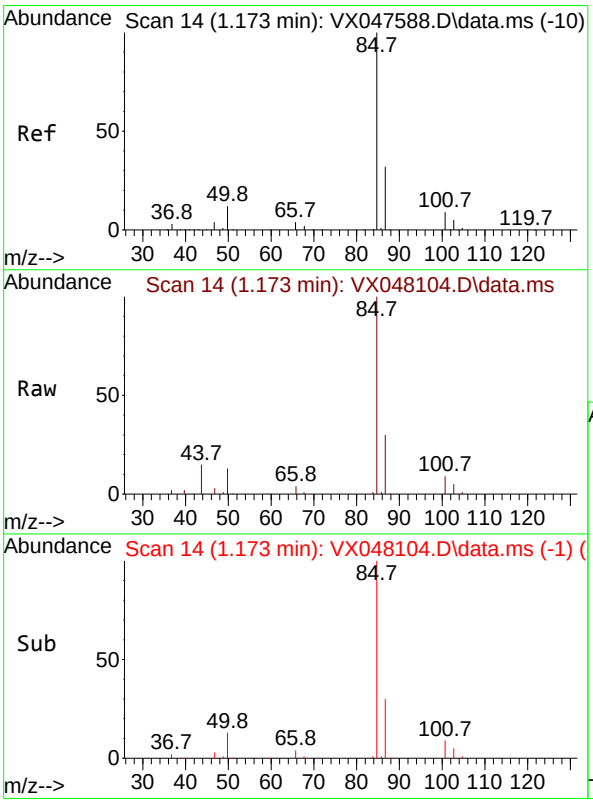
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:168 Resp: 134840

Ion	Ratio	Lower	Upper
168	100		
99	61.7	48.8	73.2

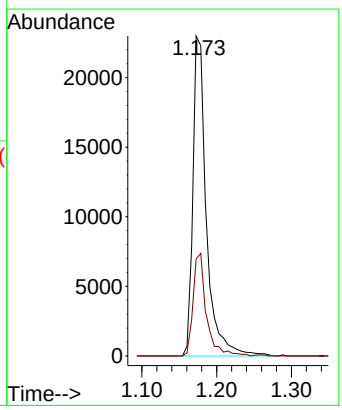


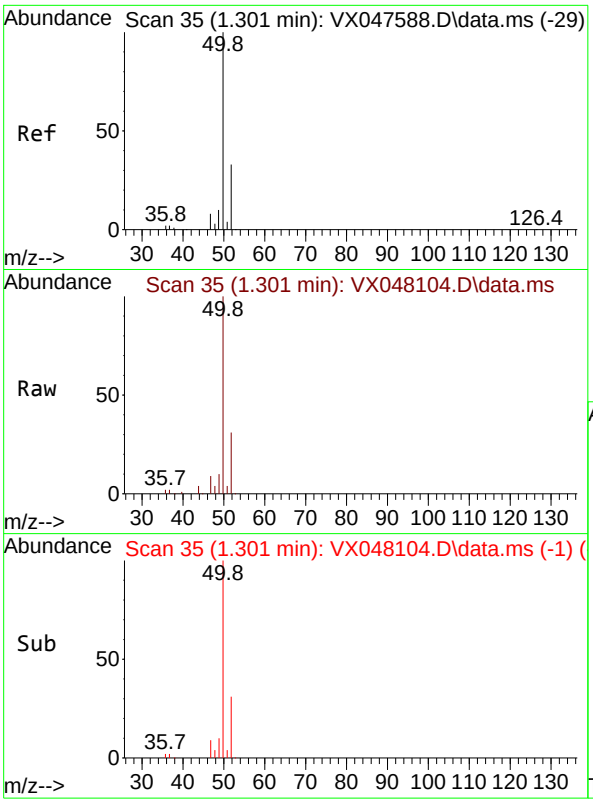


#2
Dichlorodifluoromethane
Concen: 20.662 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 85 Resp: 28850

Ion	Ratio	Lower	Upper
85	100		
87	30.3	15.8	47.3



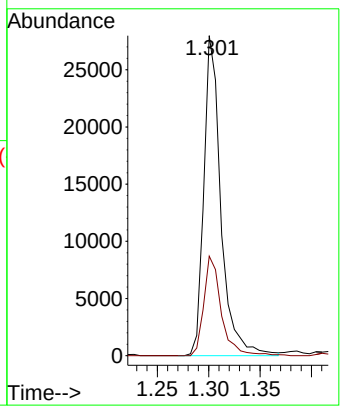


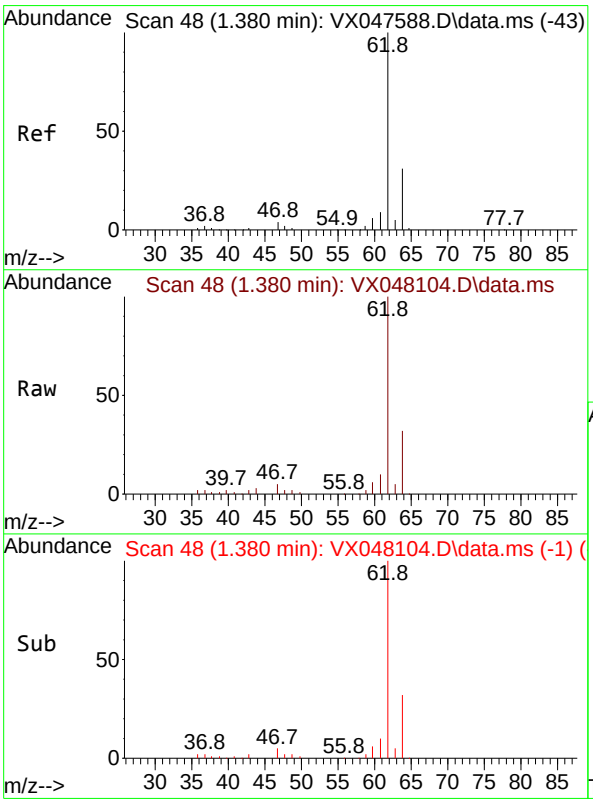
#3
Chloromethane
Concen: 17.646 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 50 Resp: 32383

Ion	Ratio	Lower	Upper
50	100		
52	31.1	26.1	39.1

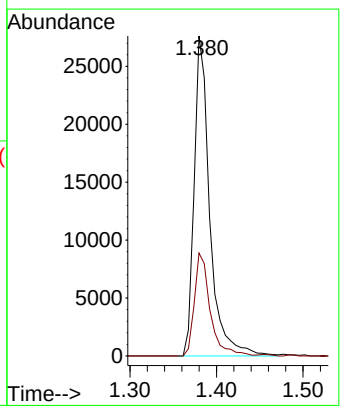


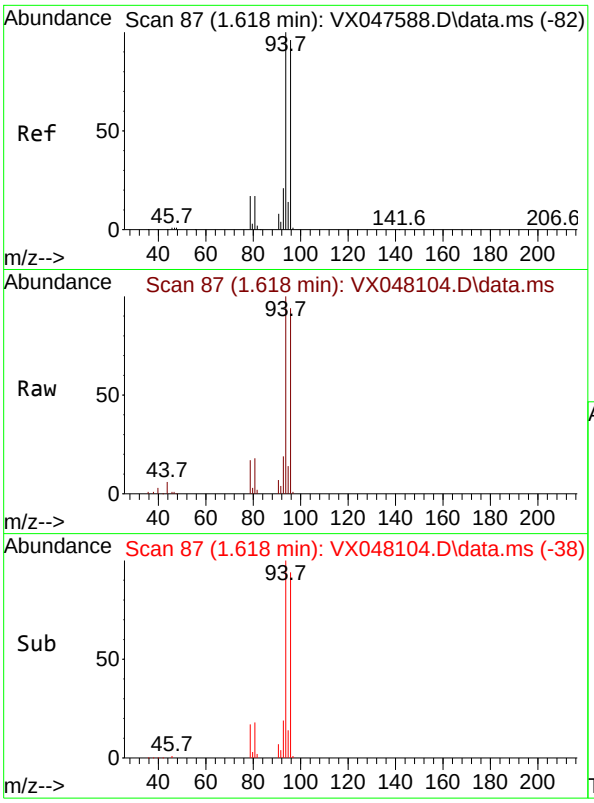


#4
Vinyl Chloride
Concen: 19.248 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 62 Resp: 34576

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.9	37.3



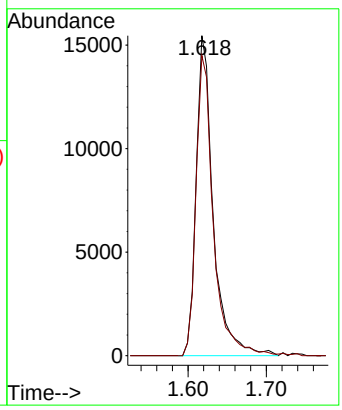


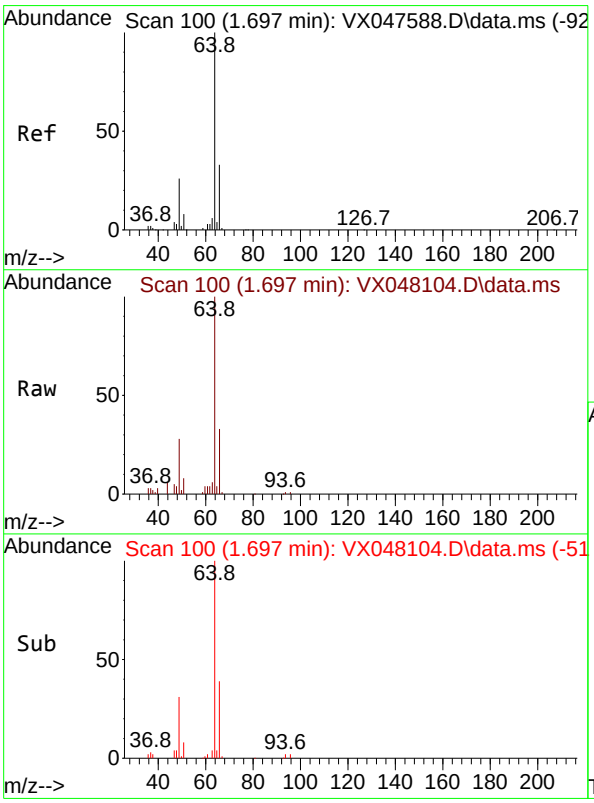
#5
Bromomethane
Concen: 20.591 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 94 Resp: 23455

Ion	Ratio	Lower	Upper
94	100		
96	93.7	76.6	115.0

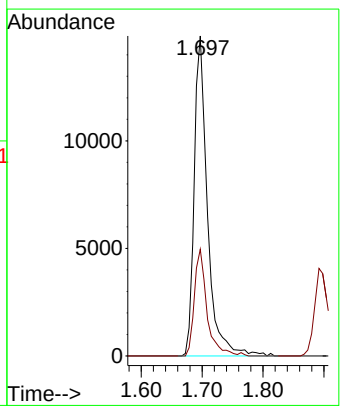


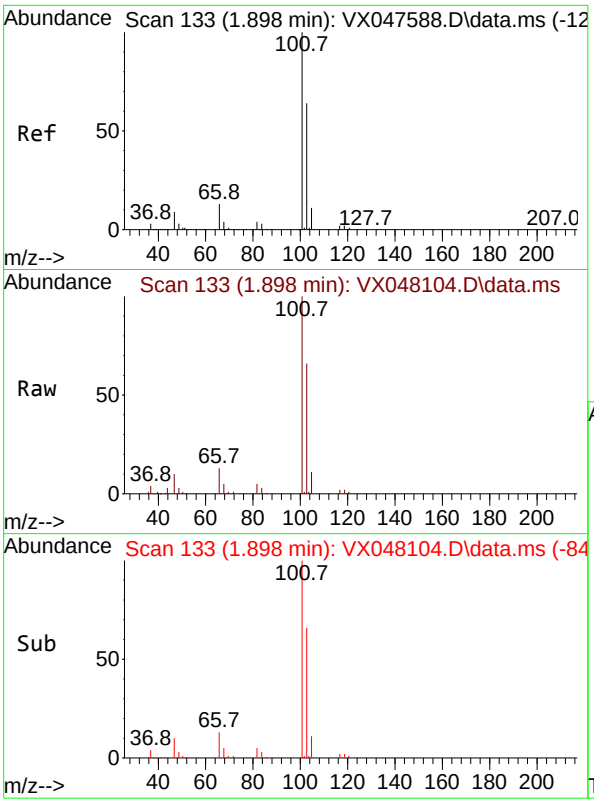


#6
Chloroethane
Concen: 18.718 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 64 Resp: 22473

Ion	Ratio	Lower	Upper
64	100		
66	33.3	26.1	39.1



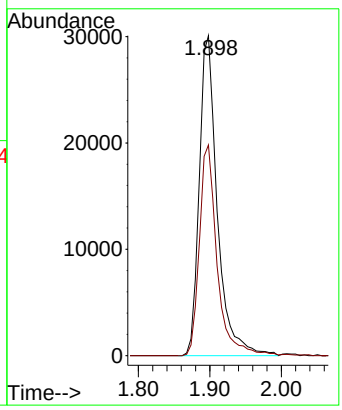


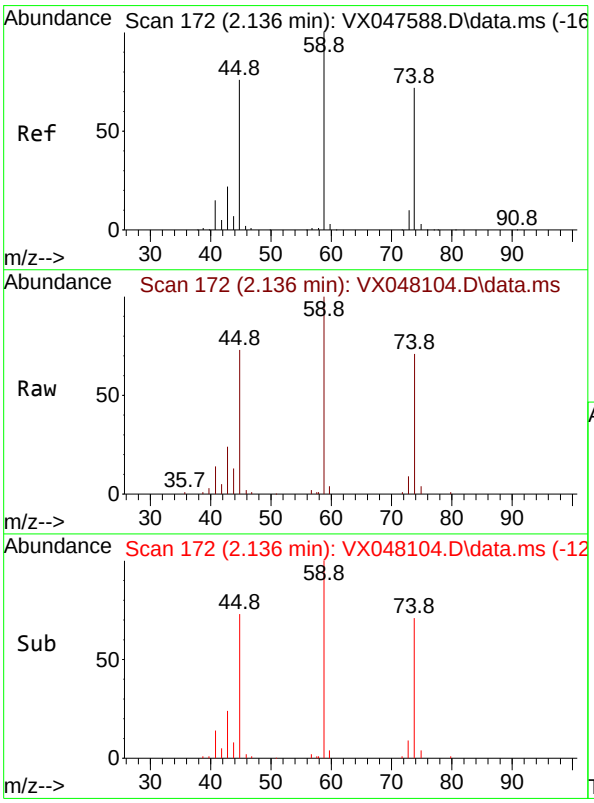
#7
Trichlorofluoromethane
Concen: 19.832 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:101 Resp: 52897

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.4	77.2

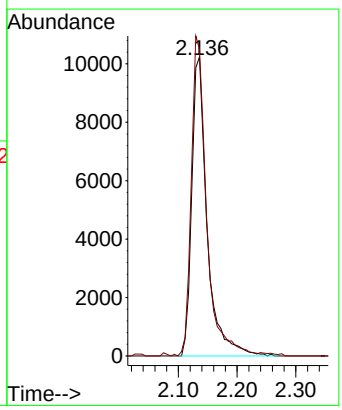


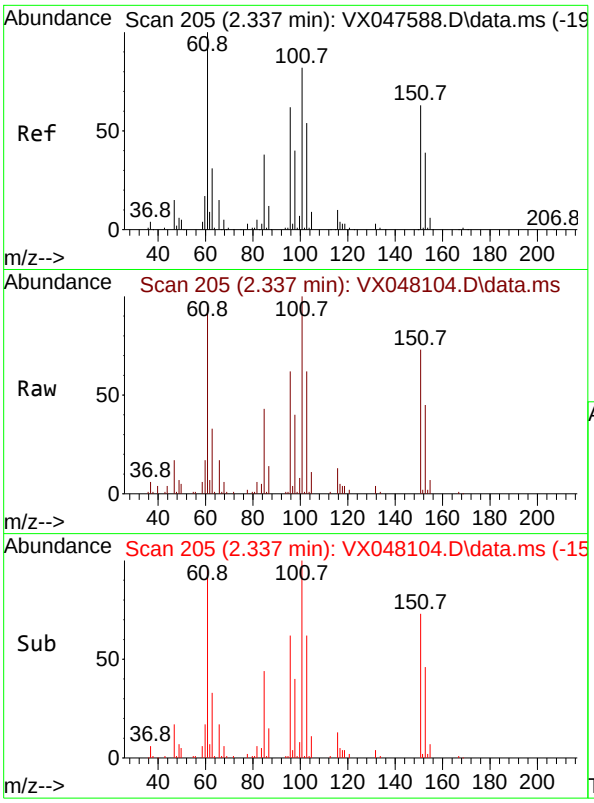


#8
Diethyl Ether
Concen: 17.025 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 74 Resp: 18576

Ion	Ratio	Lower	Upper
74	100		
45	106.5	52.3	156.8



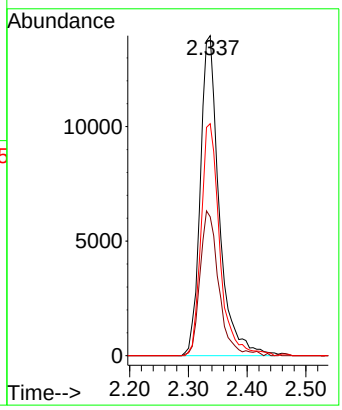


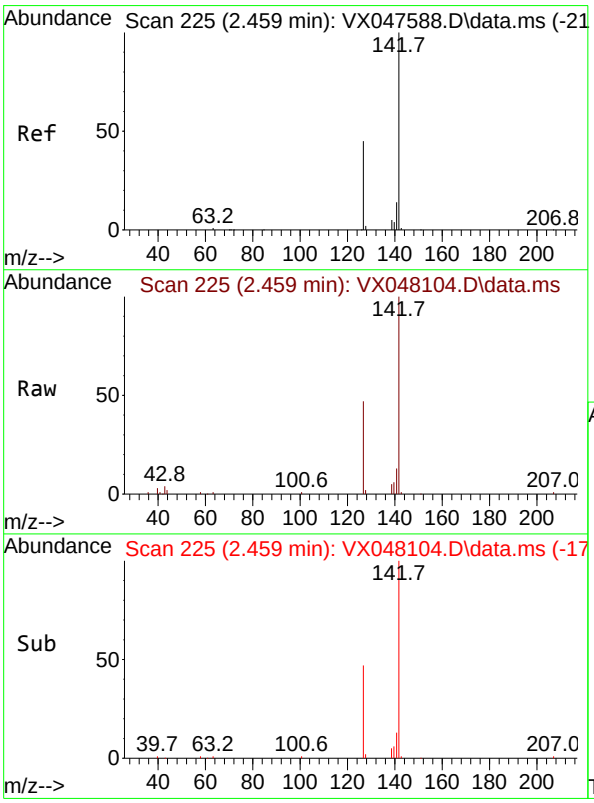
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.049 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:101 Resp: 31268

Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.5	53.3
151	71.6	59.4	89.0

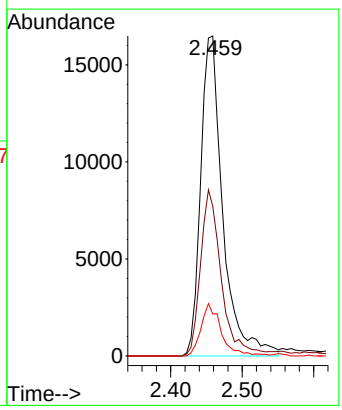


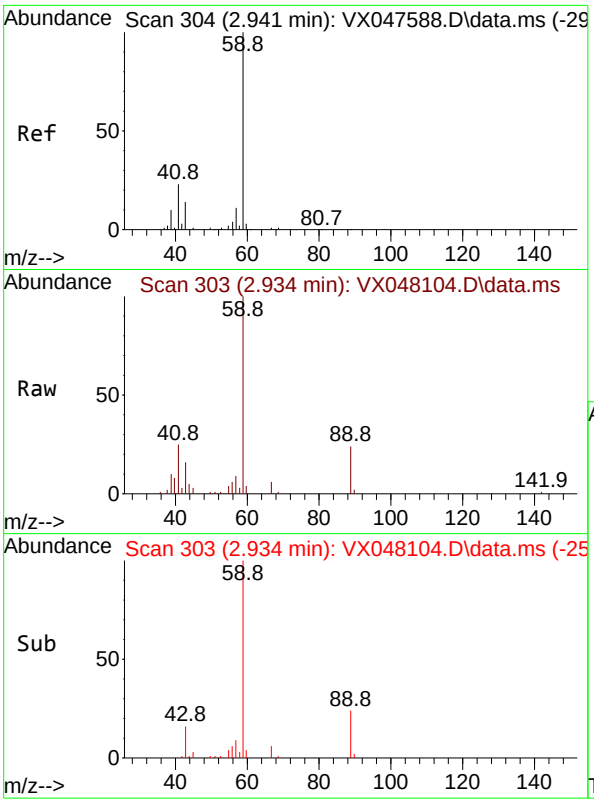


#10
Methyl Iodide
Concen: 14.551 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



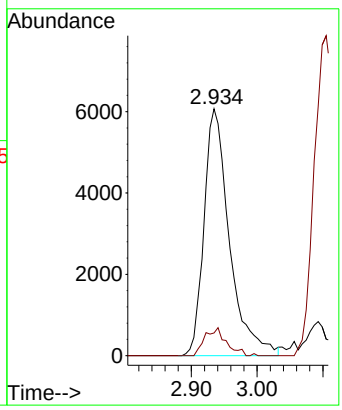


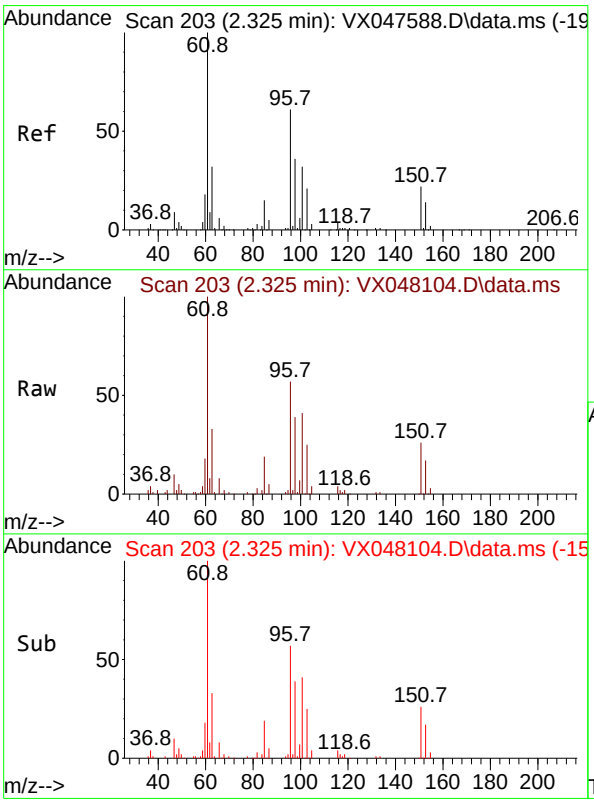
#11
Tert butyl alcohol
Concen: 68.302 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 59 Resp: 16327

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5

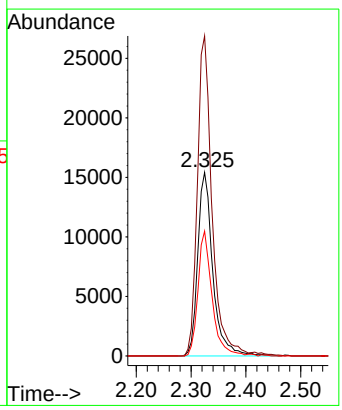


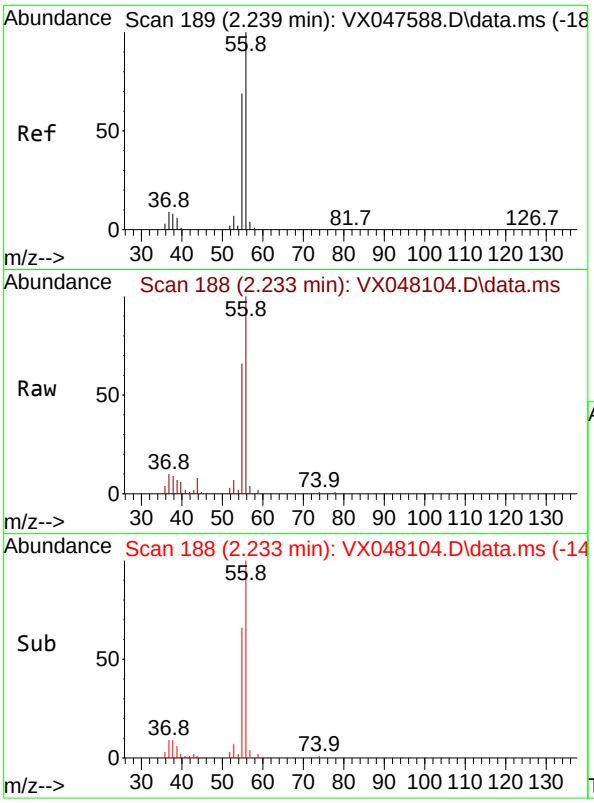


#12
1,1-Dichloroethene
Concen: 18.485 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



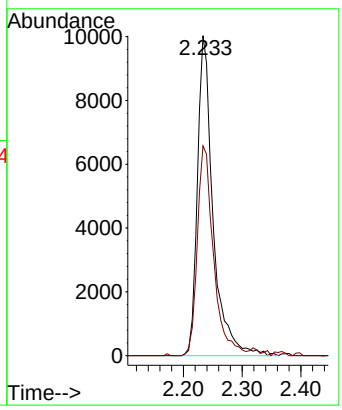


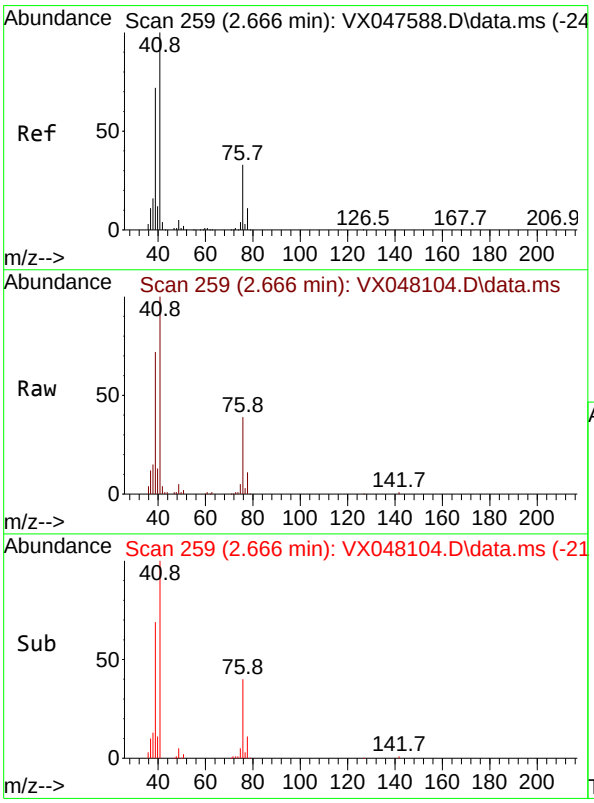
#13
Acrolein
Concen: 84.002 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 56 Resp: 18504

Ion	Ratio	Lower	Upper
56	100		
55	68.3	57.2	85.8

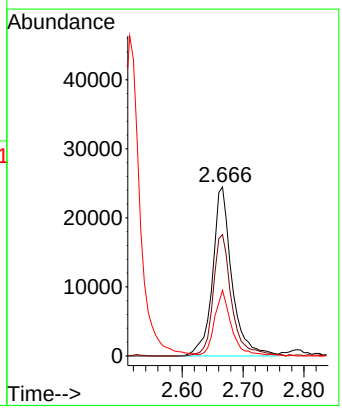


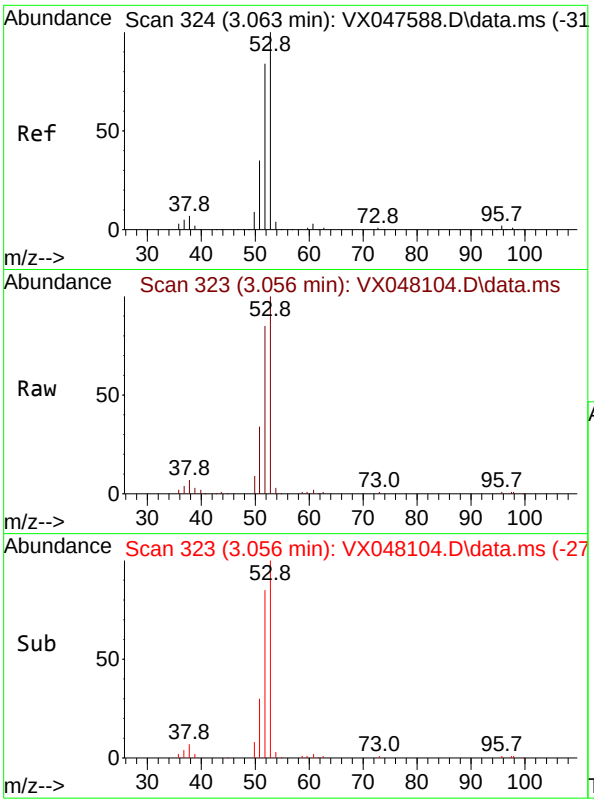


#14
Allyl chloride
Concen: 16.362 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



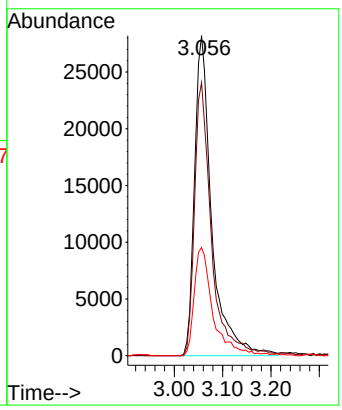


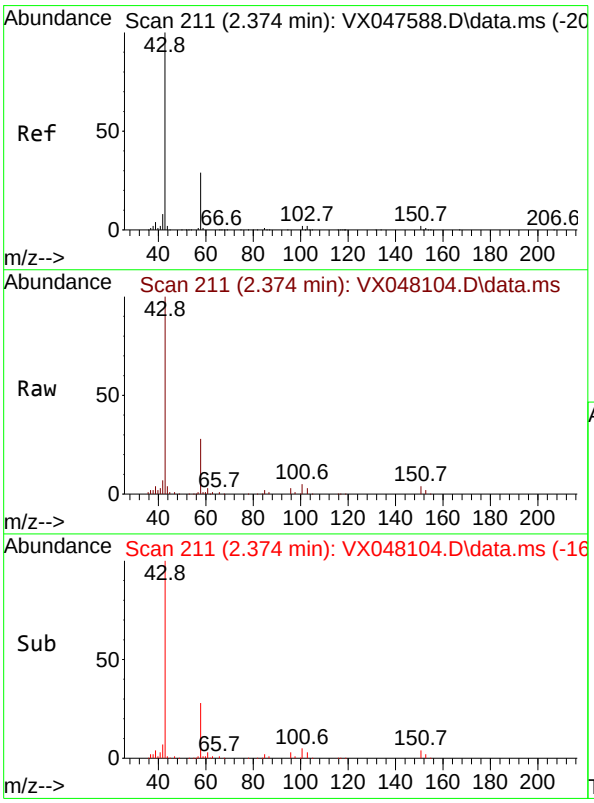
#15
Acrylonitrile
Concen: 78.767 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 53 Resp: 69742

Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.4	99.6
51	36.8	29.5	44.3

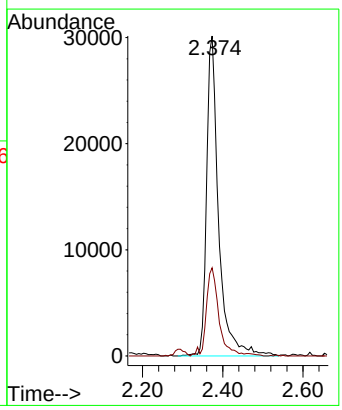


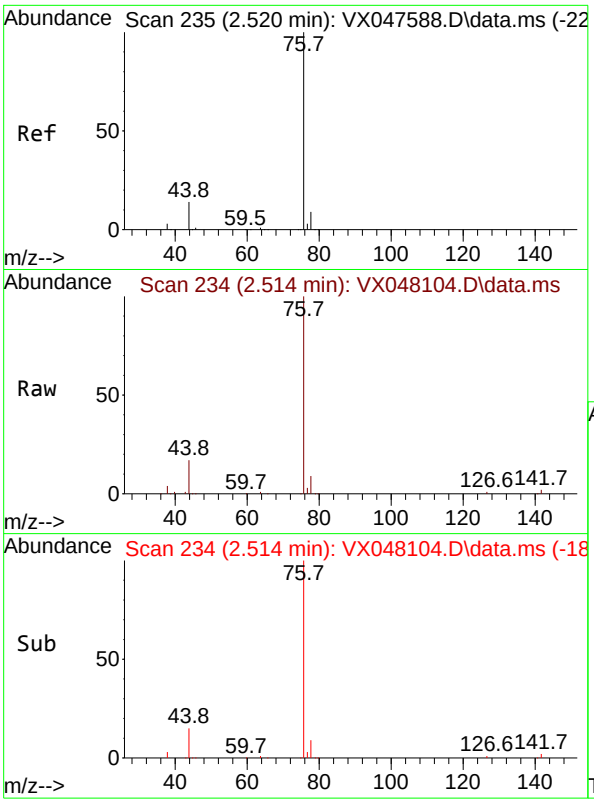


#16
Acetone
Concen: 67.084 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 62604

Ion	Ratio	Lower	Upper
43	100		
58	27.4	23.4	35.0



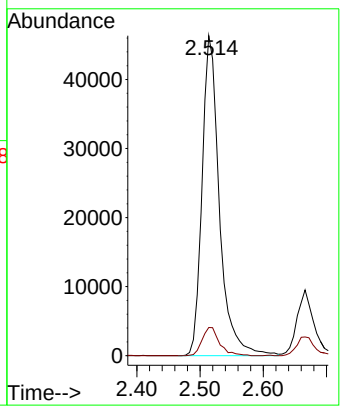


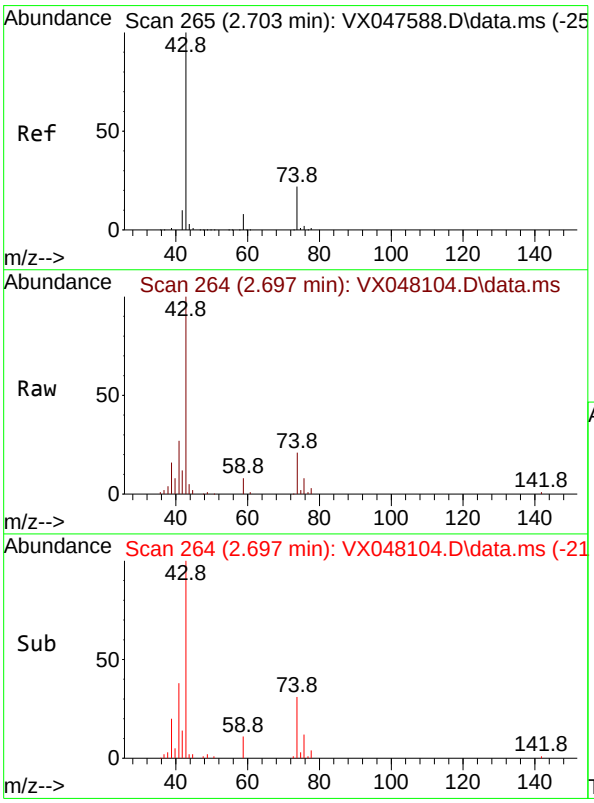
#17
Carbon Disulfide
Concen: 20.181 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 76 Resp: 88507

Ion	Ratio	Lower	Upper
76	100		
78	8.8	6.8	10.2

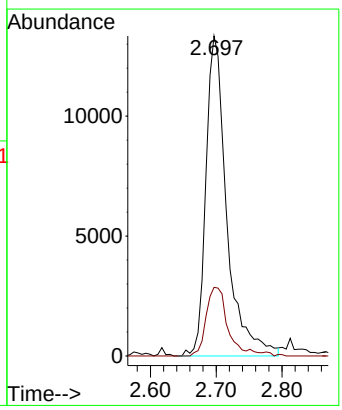


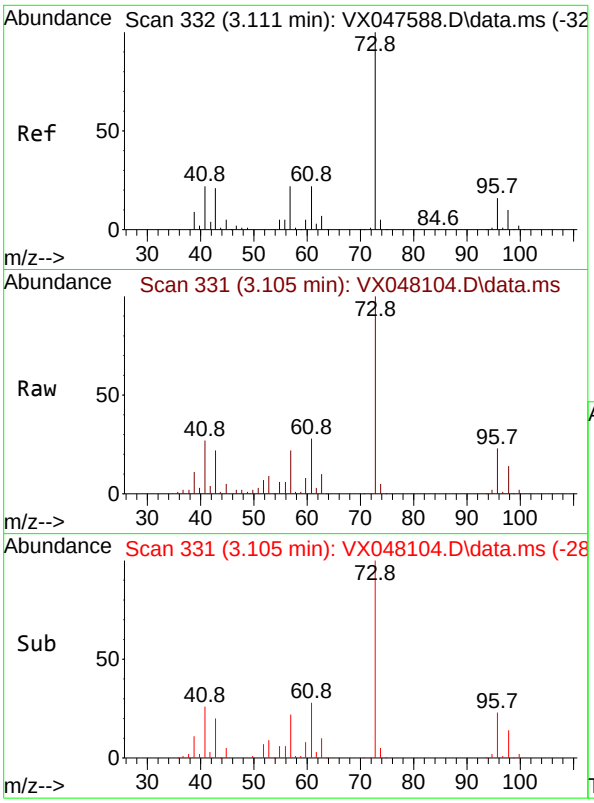


#18
Methyl Acetate
Concen: 14.186 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 43 Resp: 29463

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2



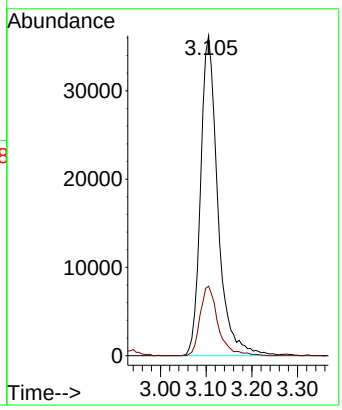


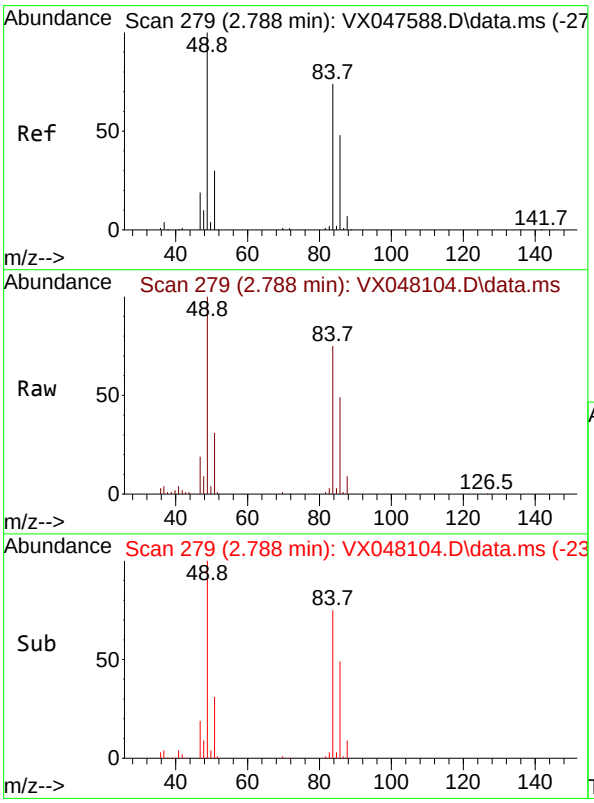
#19
Methyl tert-butyl Ether
Concen: 16.271 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 73 Resp: 95154

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.4	26.2

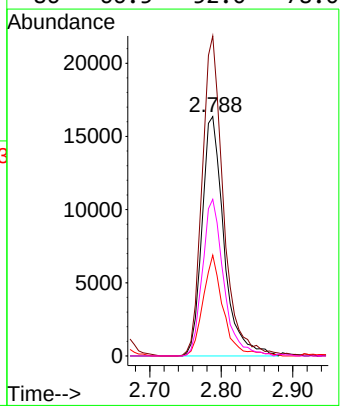


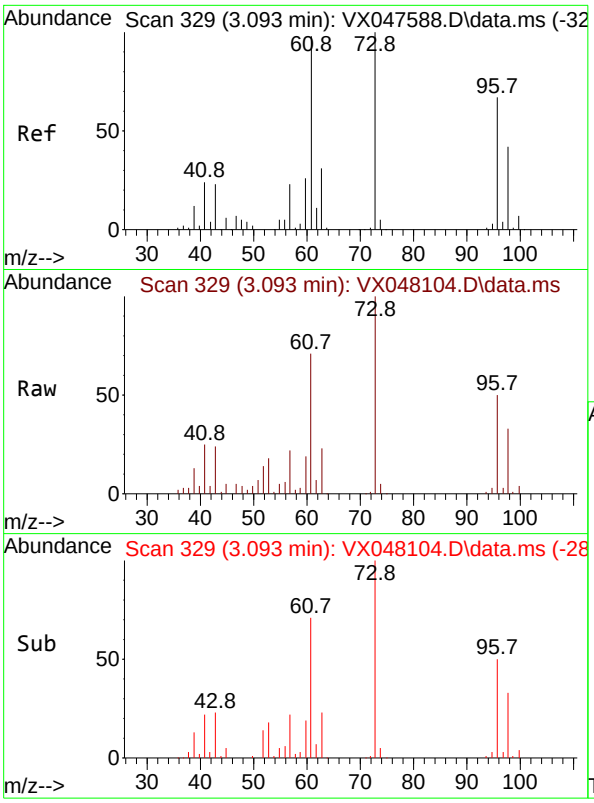


#20
Methylene Chloride
Concen: 17.616 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



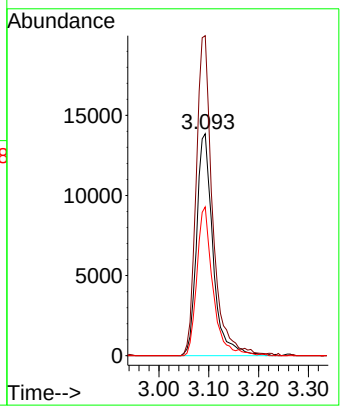


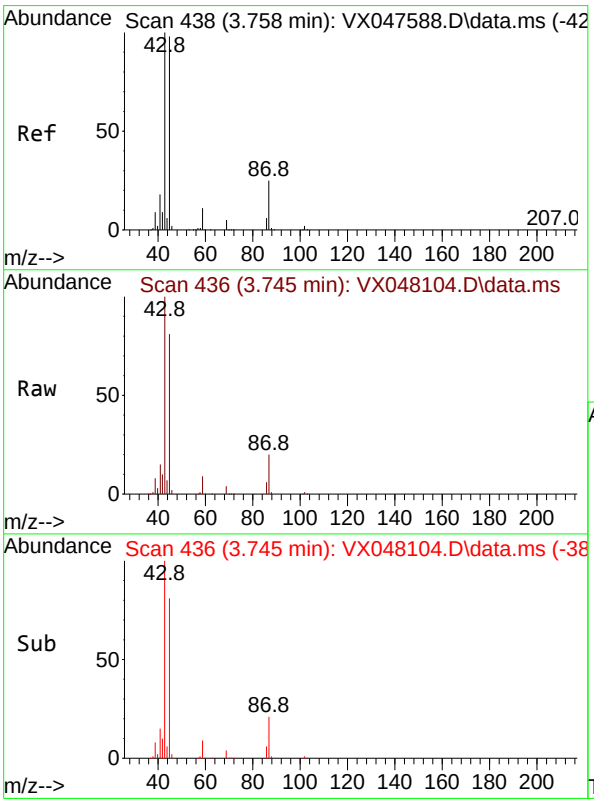
#21
trans-1,2-Dichloroethene
Concen: 18.275 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 96 Resp: 31520

Ion	Ratio	Lower	Upper
96	100		
61	144.2	116.2	174.2
98	69.2	49.3	73.9

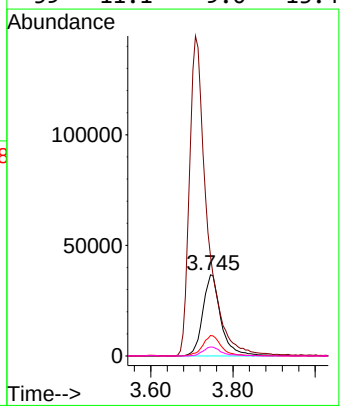


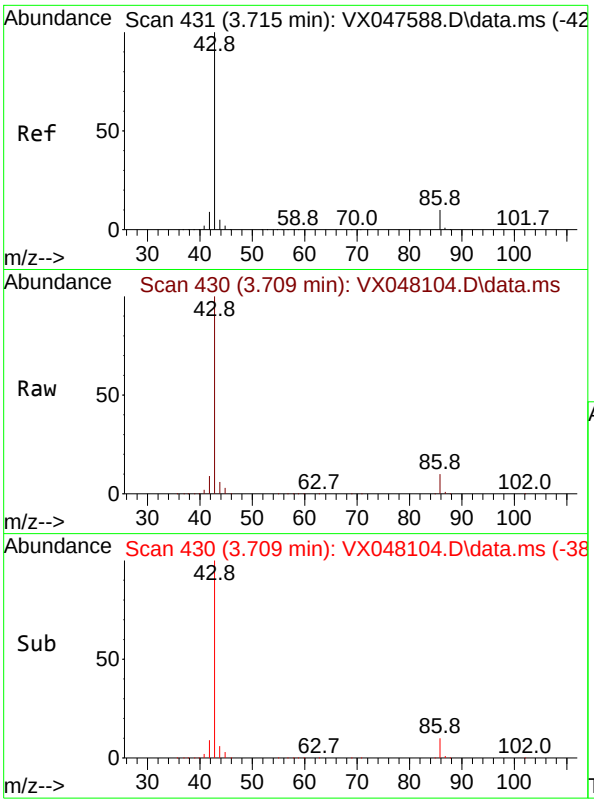


#22
Diisopropyl ether
Concen: 17.589 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



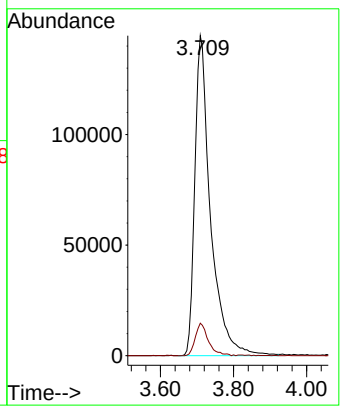


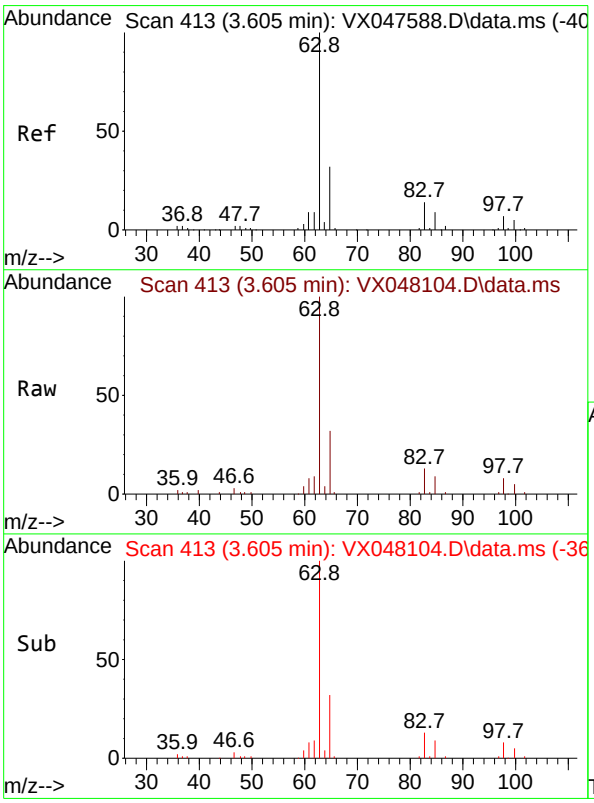
#23
Vinyl Acetate
Concen: 84.600 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 43 Resp: 433804

Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8

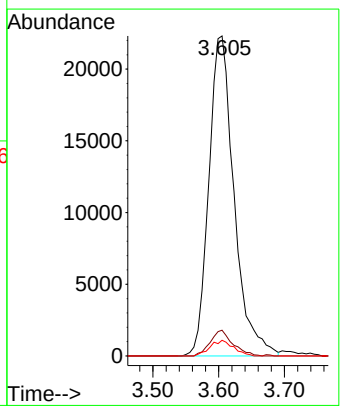


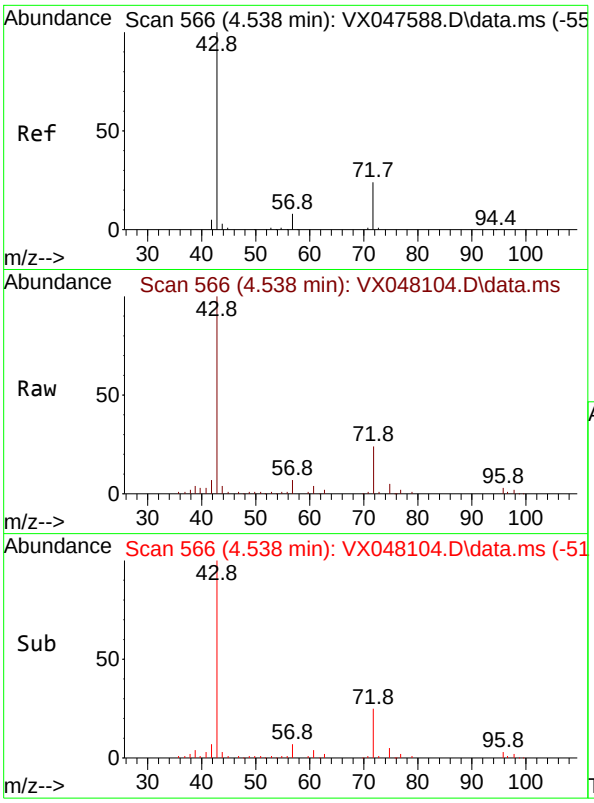


#24
1,1-Dichloroethane
Concen: 17.503 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



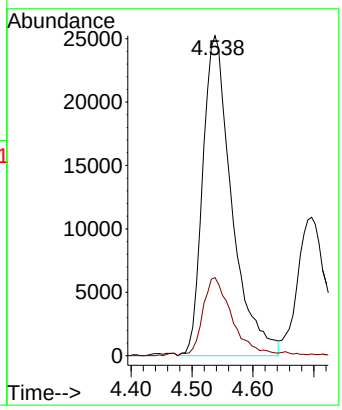


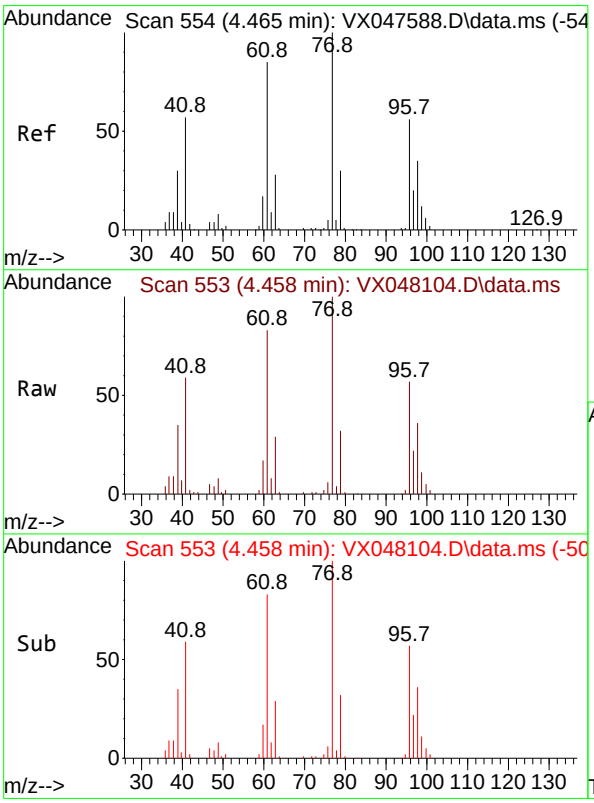
#25
2-Butanone
Concen: 71.893 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 43 Resp: 83689

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.1	30.1

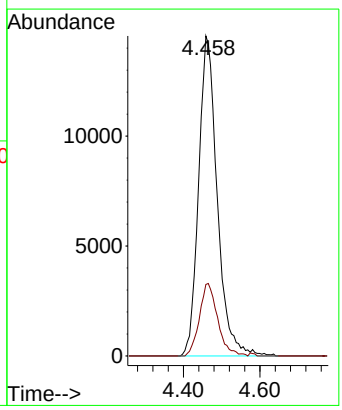


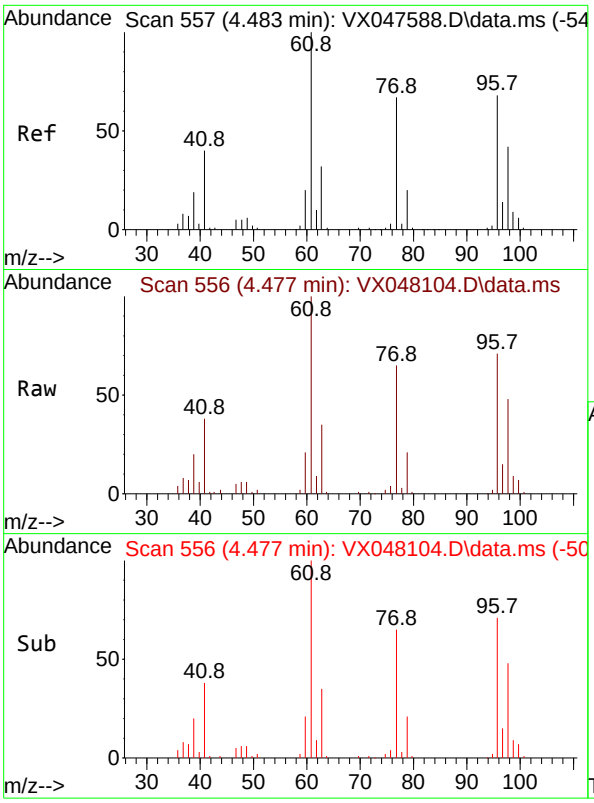


#26
2,2-Dichloropropane
Concen: 17.375 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 77 Resp: 49184

Ion	Ratio	Lower	Upper
77	100		
97	22.2	10.9	32.7



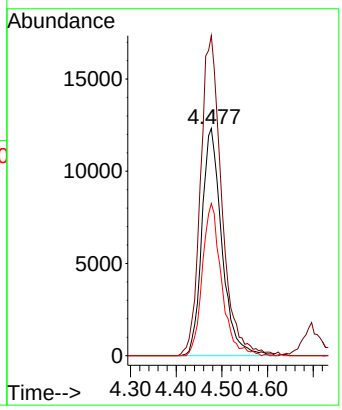


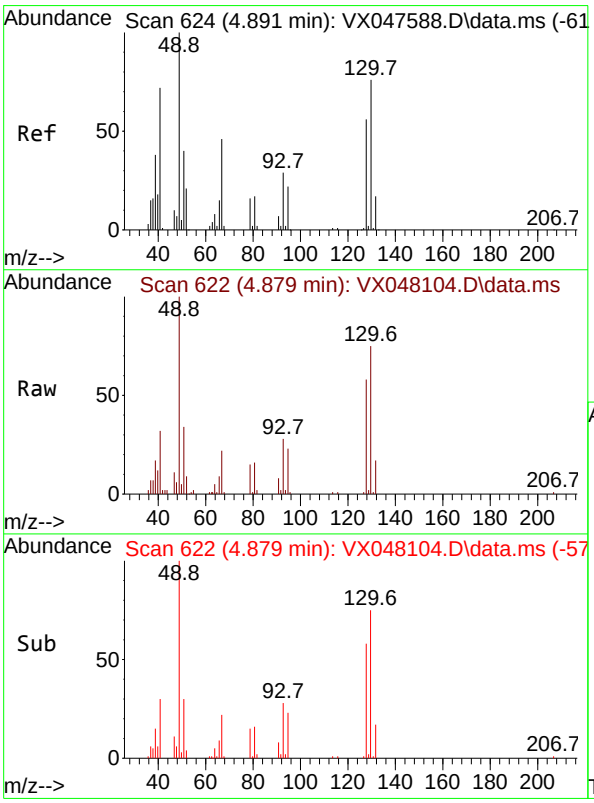
#27
cis-1,2-Dichloroethene
Concen: 17.724 ug/l
RT: 4.477 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 96 Resp: 37439

Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	303.2
98	64.3	0.0	127.8

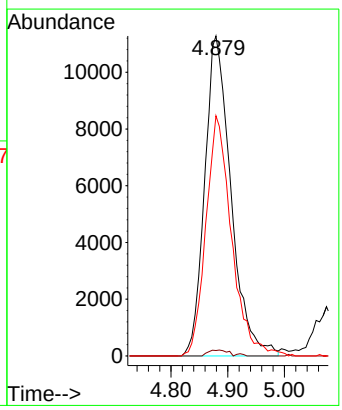


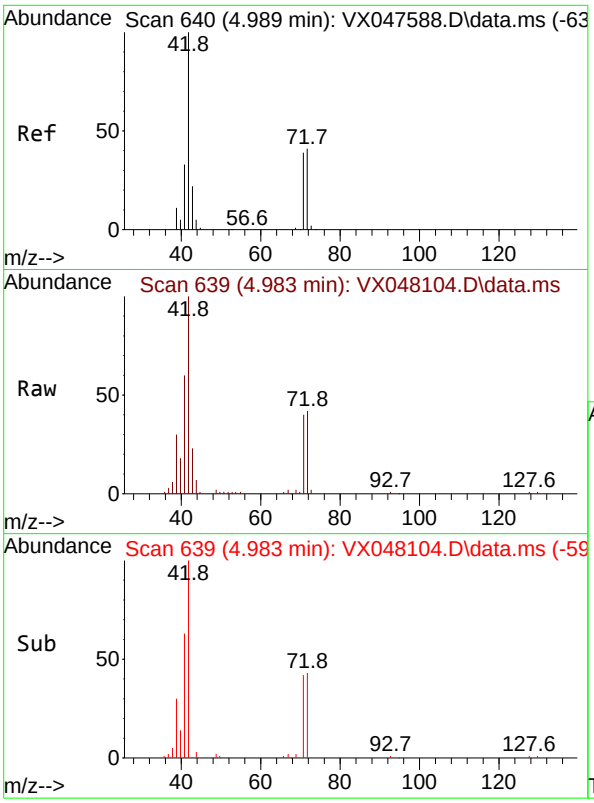


#28
Bromochloromethane
Concen: 24.409 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



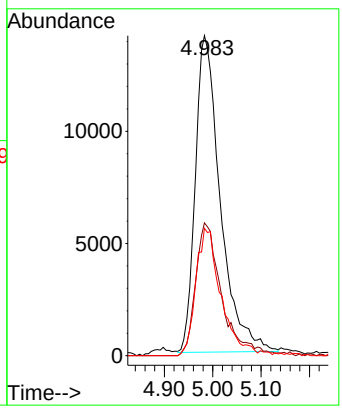


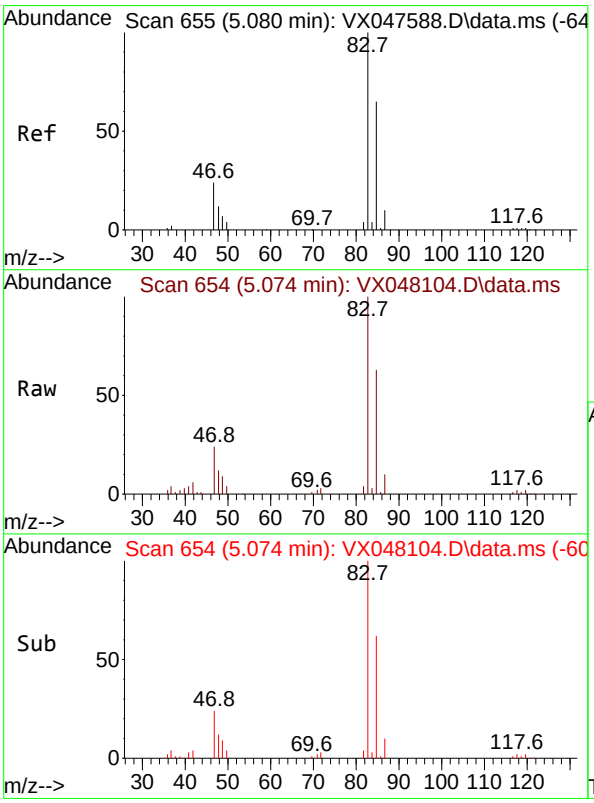
#29
Tetrahydrofuran
Concen: 72.274 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 42 Resp: 50612

Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.2	51.2
71	40.2	31.9	47.9

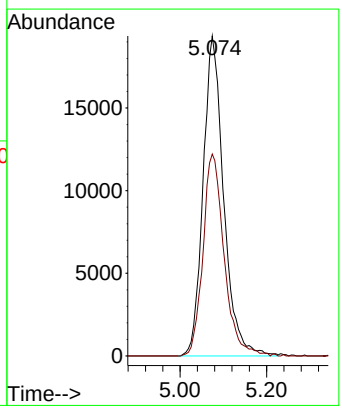


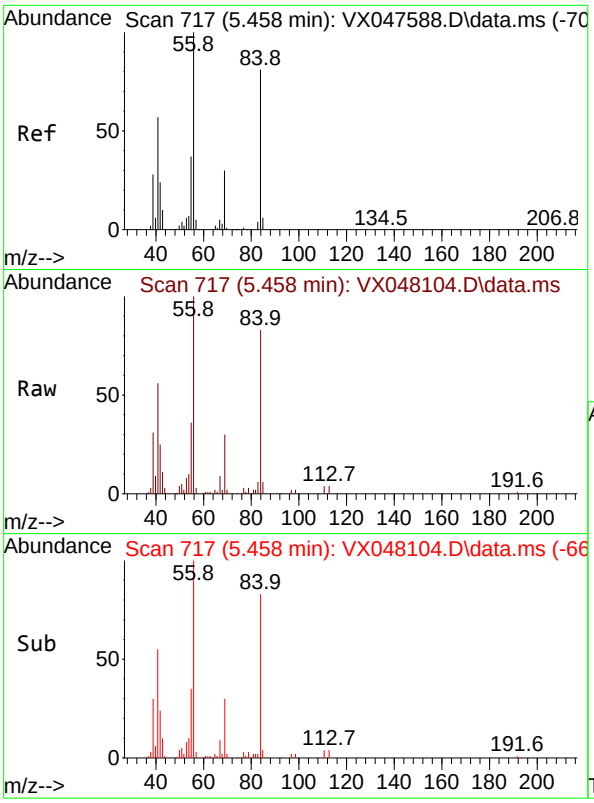


#30
Chloroform
Concen: 18.537 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 83 Resp: 63787

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.6



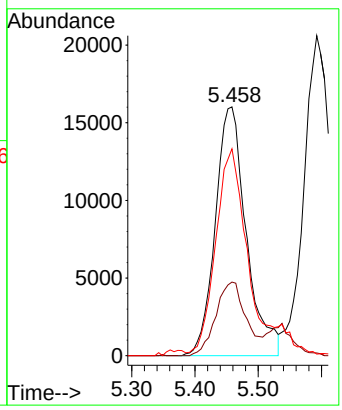


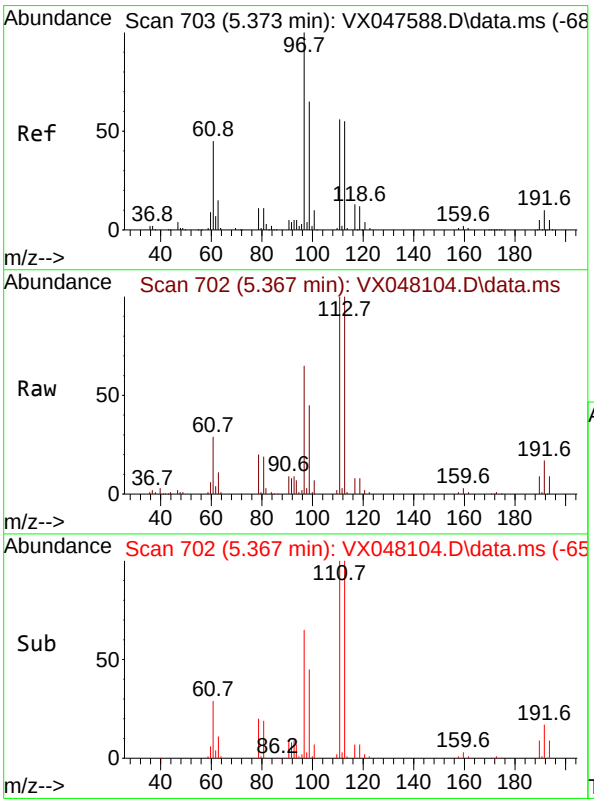
#31
Cyclohexane
Concen: 19.206 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 56 Resp: 54472

Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	81.0	64.6	97.0

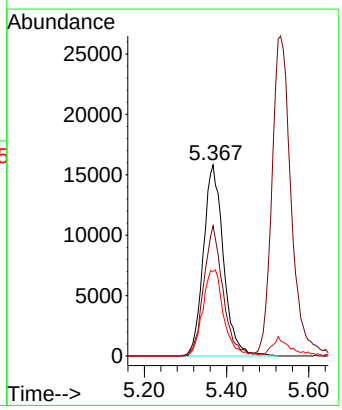


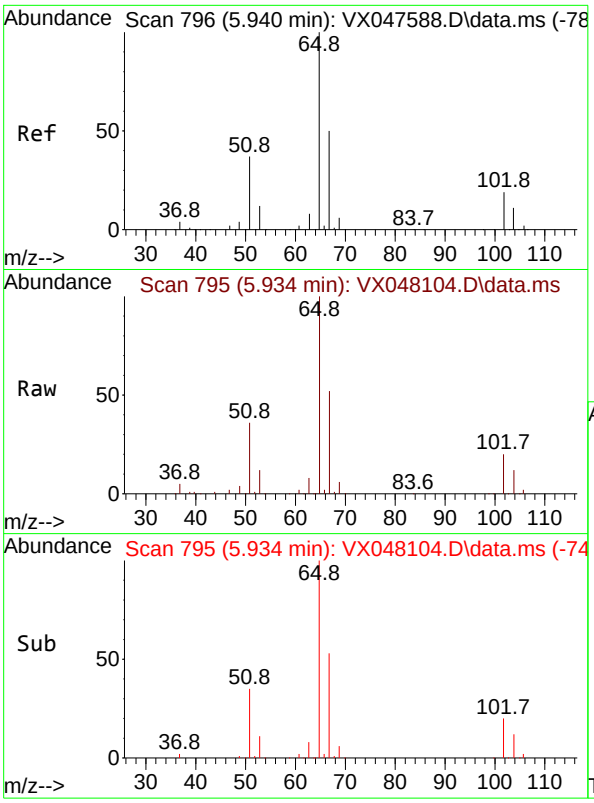


#32
1,1,1-Trichloroethane
Concen: 18.333 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



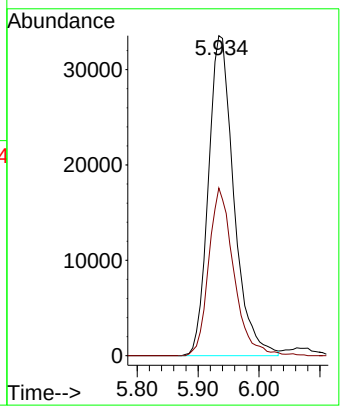


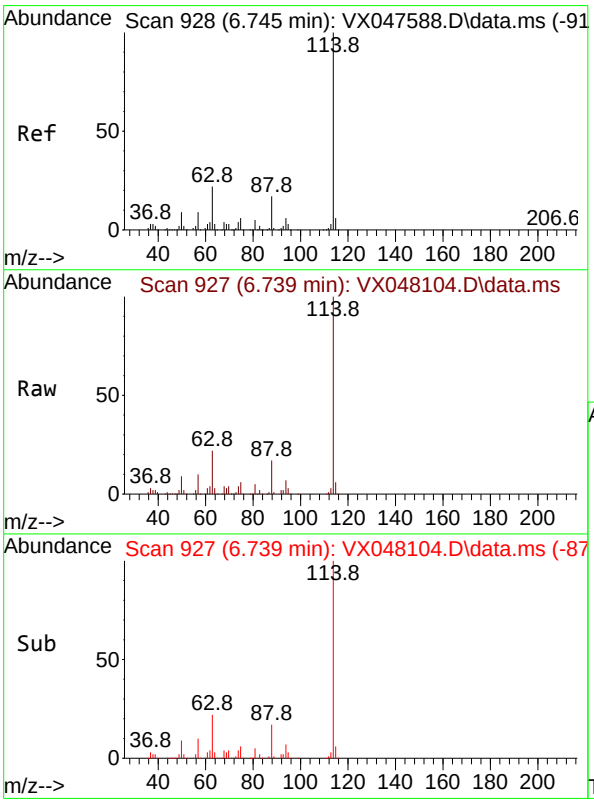
#33
1,2-Dichloroethane-d4
Concen: 45.360 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 65 Resp: 97357

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.0

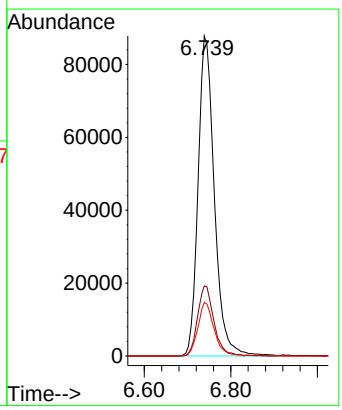


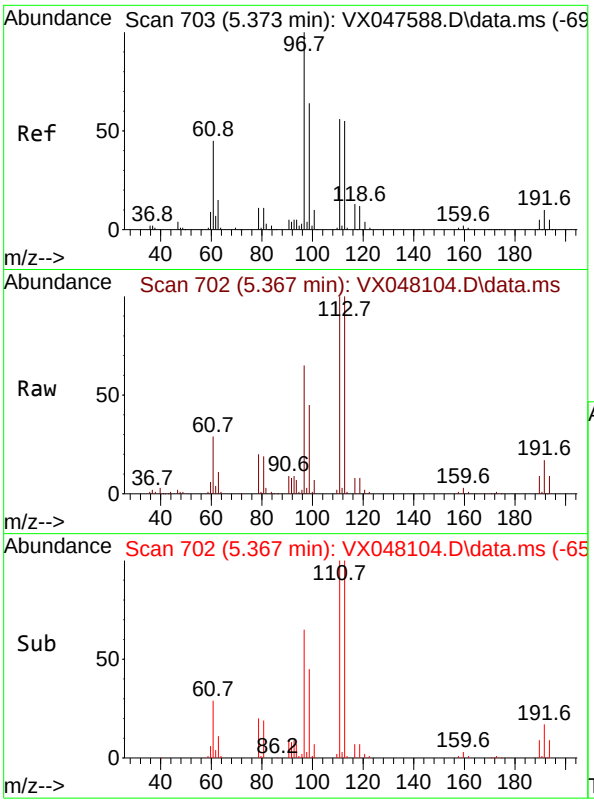


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



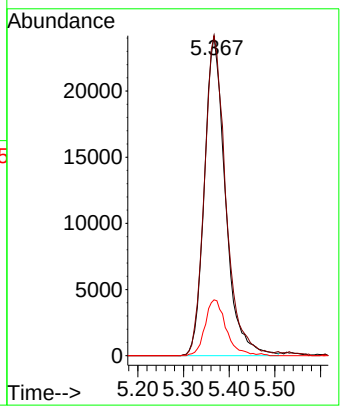


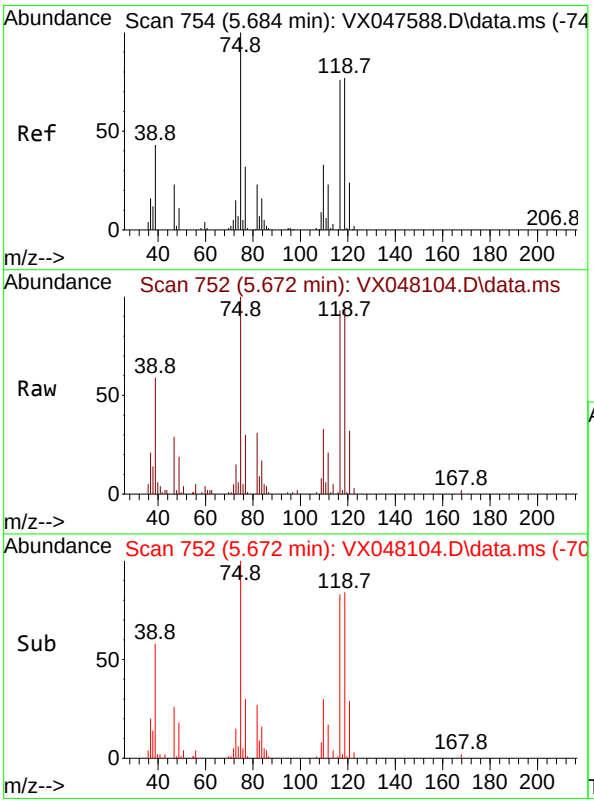
#35
Dibromofluoromethane
Concen: 50.106 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:113 Resp: 76905

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.9	121.3
192	17.7	14.2	21.4

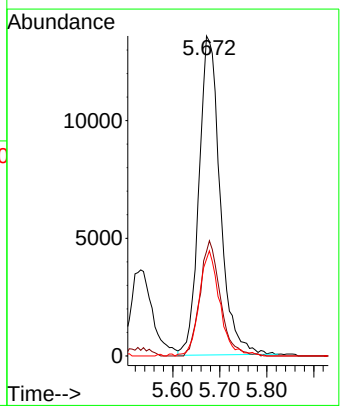


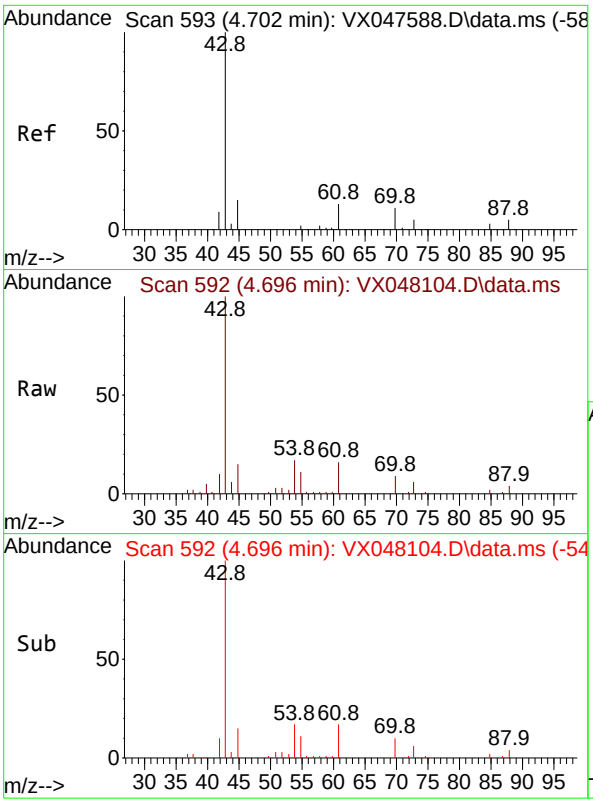


#36
1,1-Dichloropropene
Concen: 18.884 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



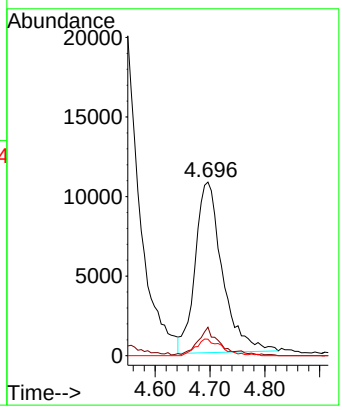


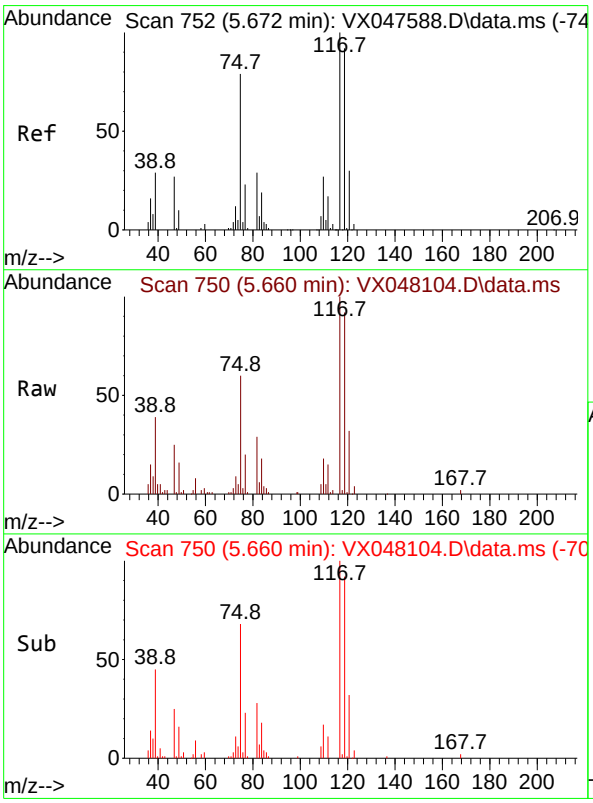
#37
Ethyl Acetate
Concen: 15.355 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 43 Resp: 36873

Ion	Ratio	Lower	Upper
43	100		
61	11.3	9.8	14.8
70	9.2	7.9	11.9

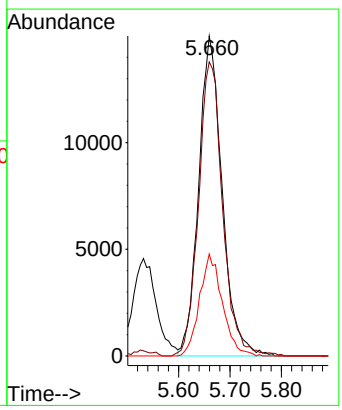


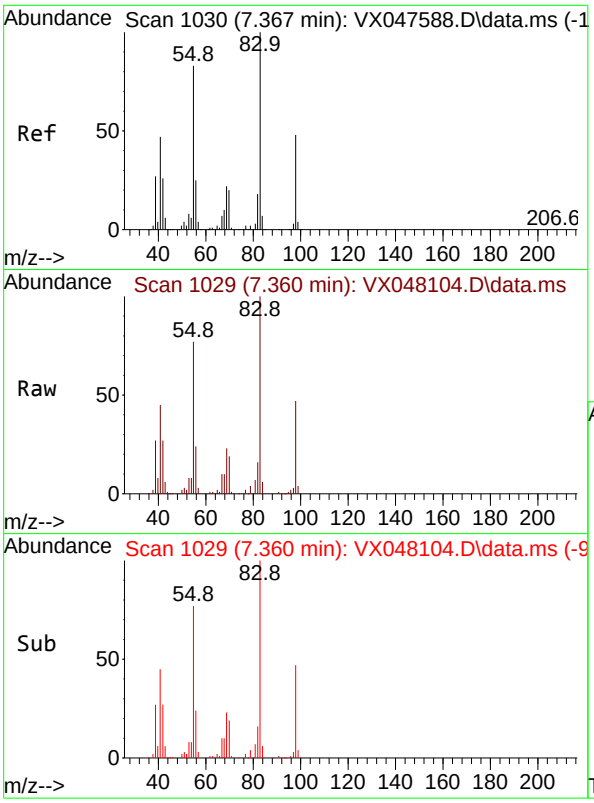


#38
Carbon Tetrachloride
Concen: 19.534 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



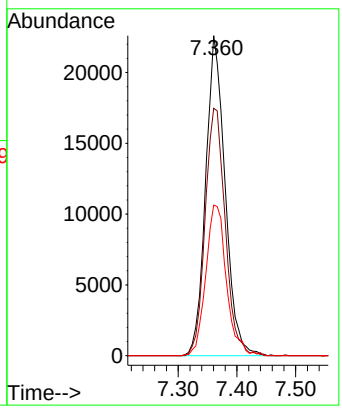


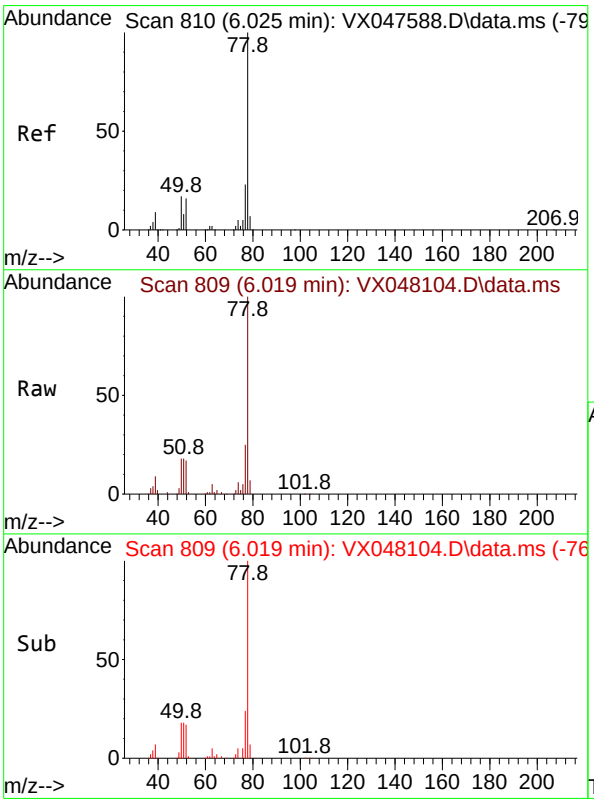
#39
Methylcyclohexane
Concen: 20.409 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 83 Resp: 51958

Ion	Ratio	Lower	Upper
83	100		
55	77.3	66.4	99.6
98	47.0	38.1	57.1

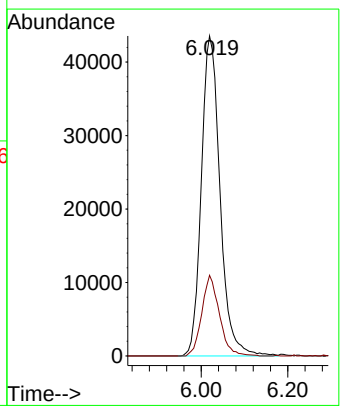


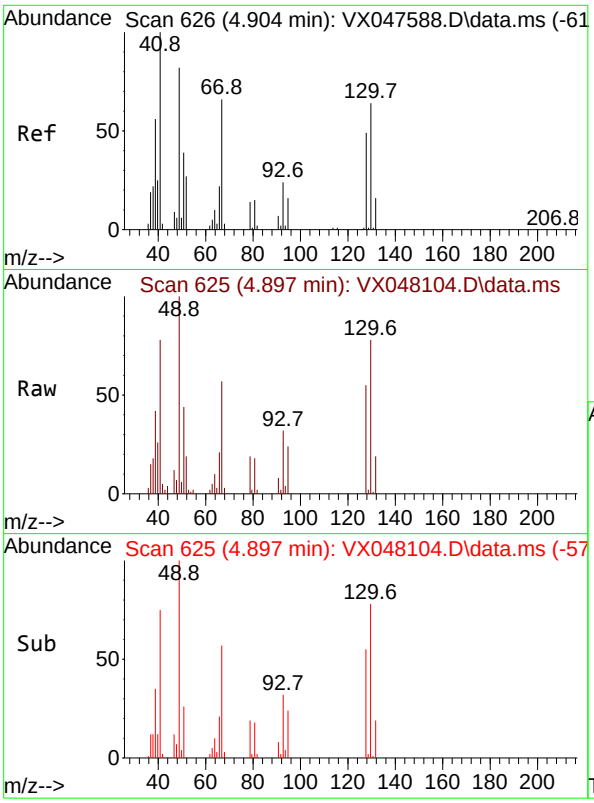


#40
Benzene
Concen: 19.151 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 78 Resp: 130453

Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.8	28.2



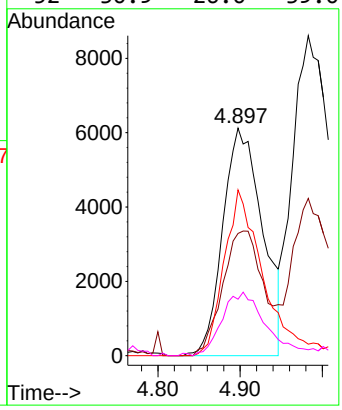


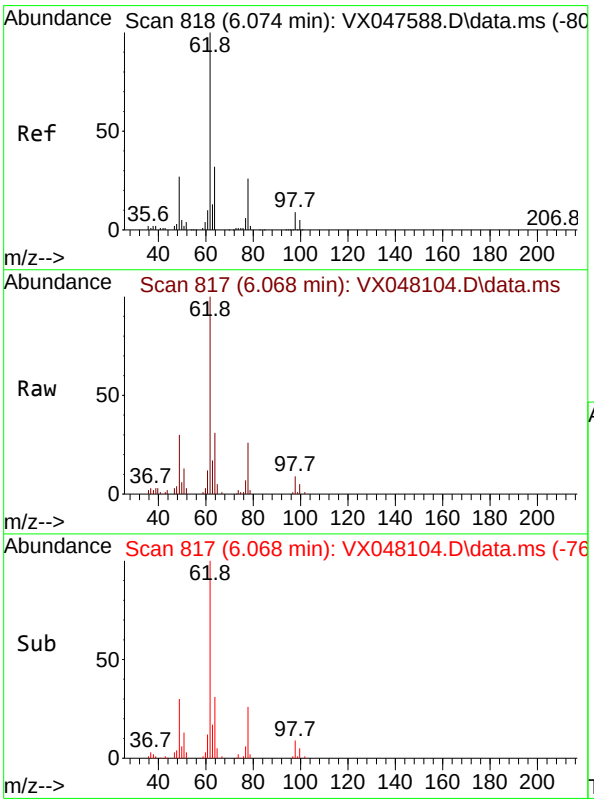
#41
Methacrylonitrile
Concen: 16.598 ug/l
RT: 4.897 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 41 Resp: 20577

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

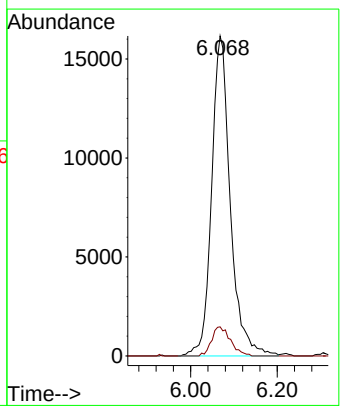


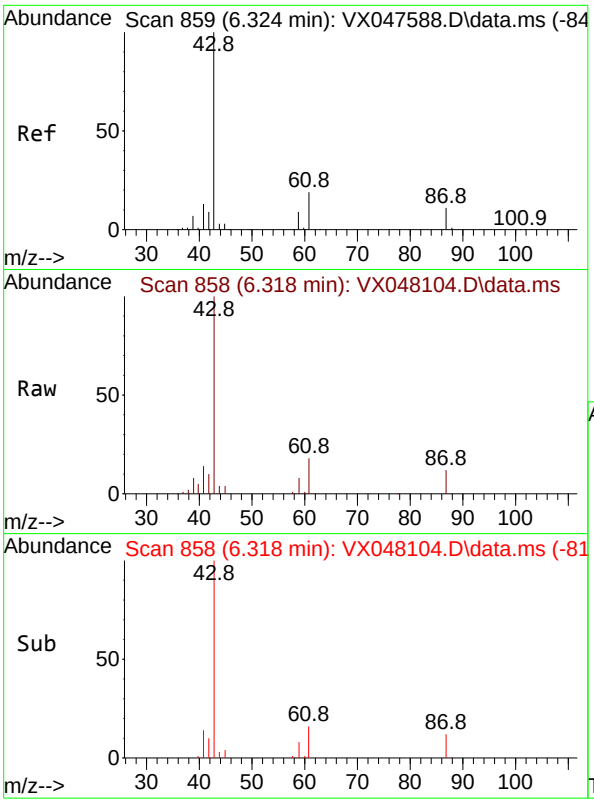


#42
1,2-Dichloroethane
Concen: 18.659 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 62 Resp: 48360

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.0



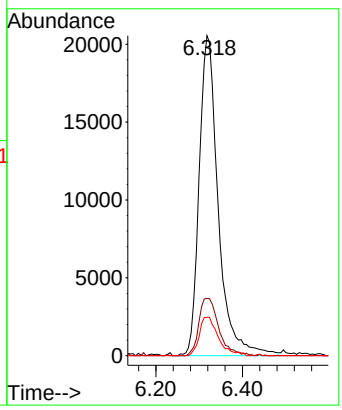


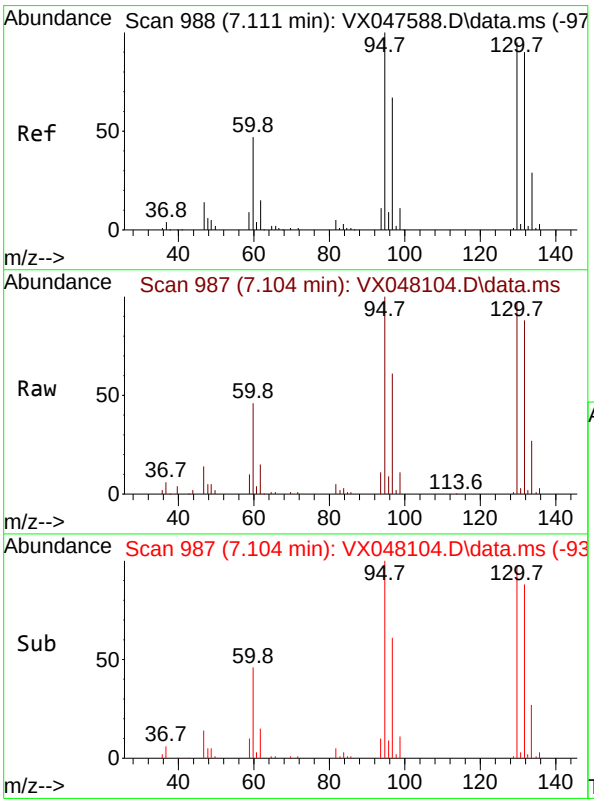
#43
Isopropyl Acetate
Concen: 15.959 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 43 Resp: 62854

Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.2	22.8
87	12.0	9.6	14.4

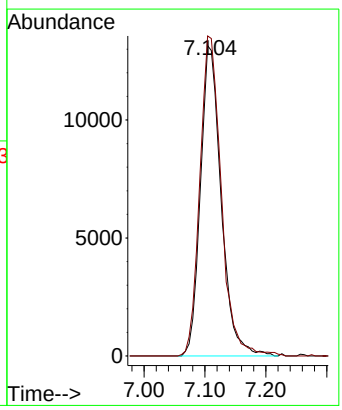


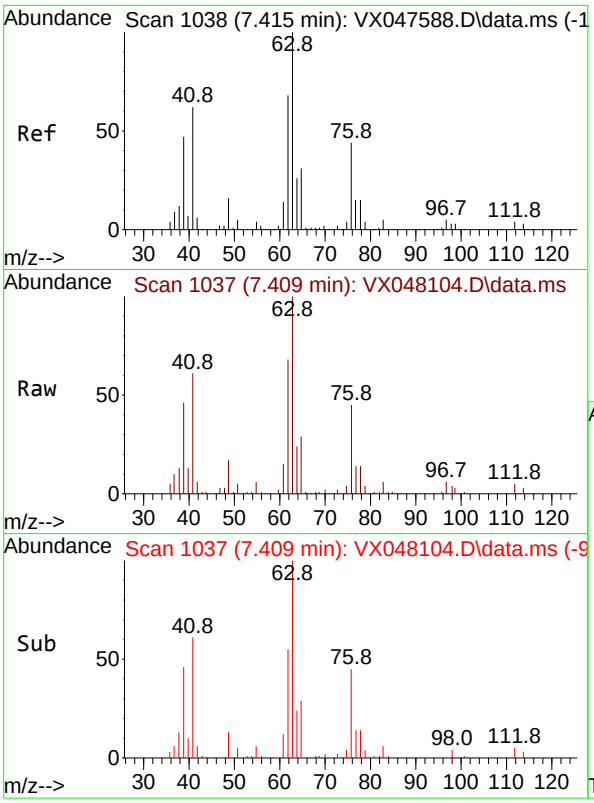


#44
Trichloroethene
Concen: 18.852 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:130 Resp: 31046

Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	210.8



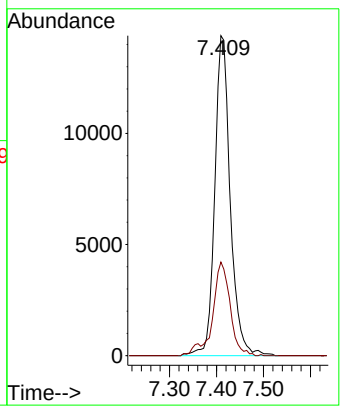


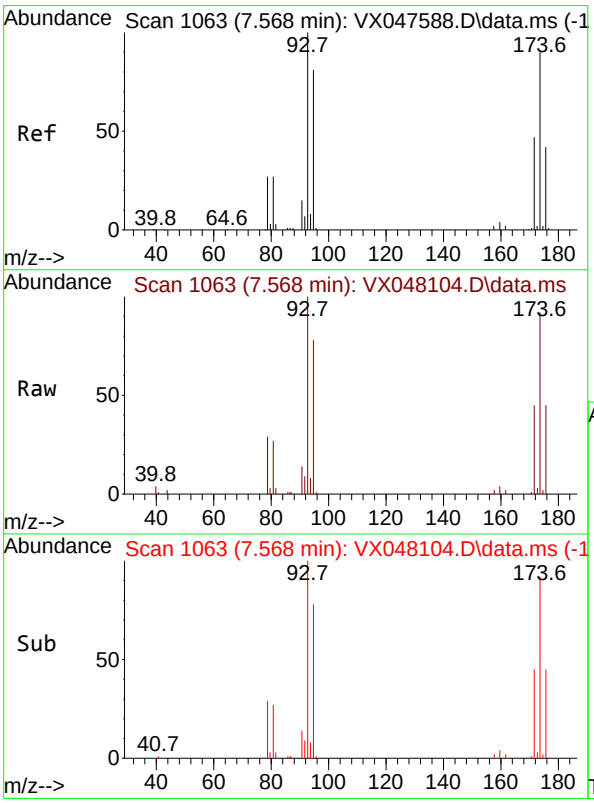
#45
1,2-Dichloropropane
Concen: 18.921 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 63 Resp: 33003

Ion	Ratio	Lower	Upper
63	100		
65	29.3	24.7	37.1

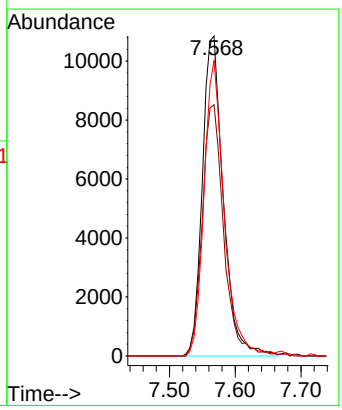


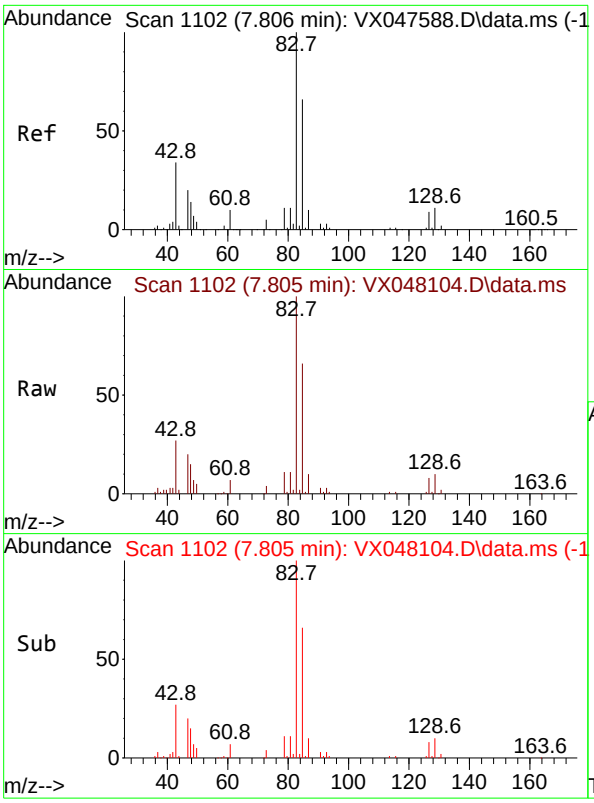


#46
Dibromomethane
Concen: 18.939 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



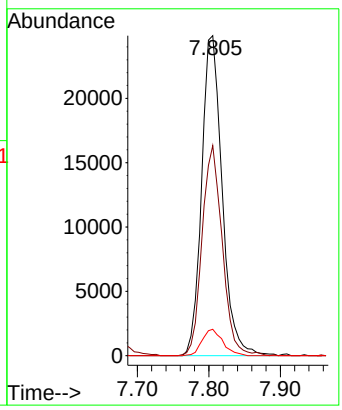


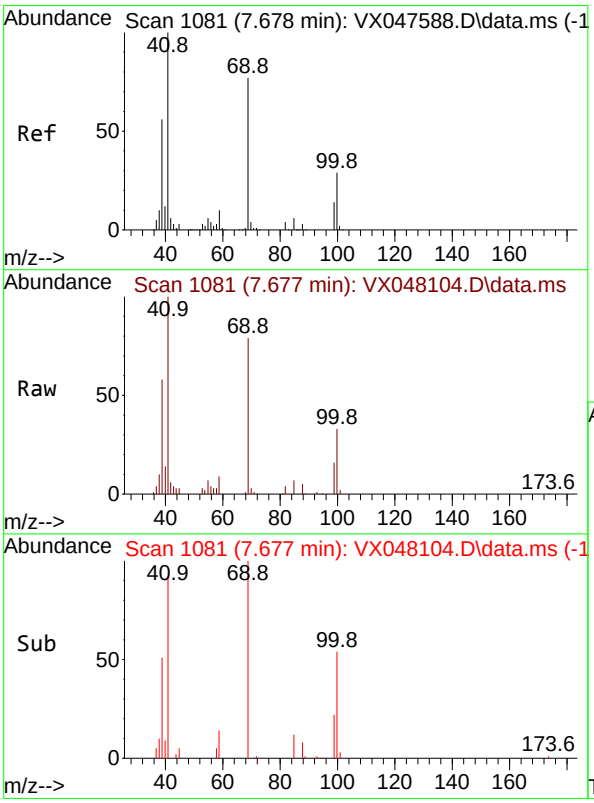
#47
Bromodichloromethane
Concen: 18.943 ug/l
RT: 7.805 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 83 Resp: 49617

Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.5	78.7
127	8.3	6.9	10.3

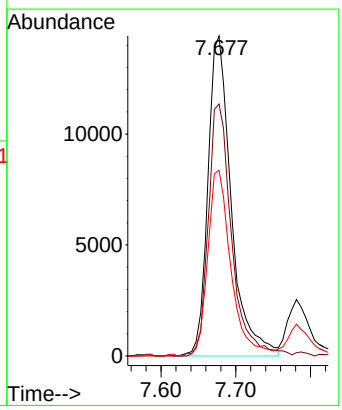


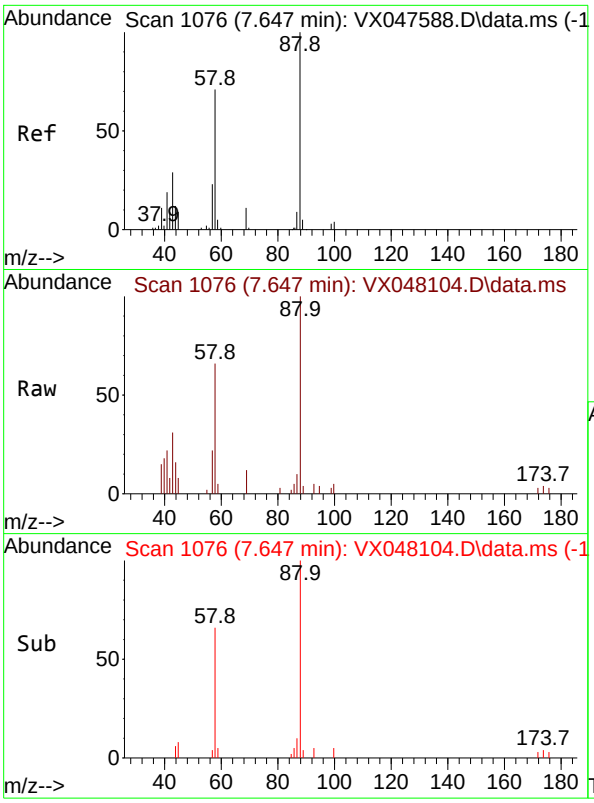


#48
Methyl methacrylate
Concen: 15.975 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



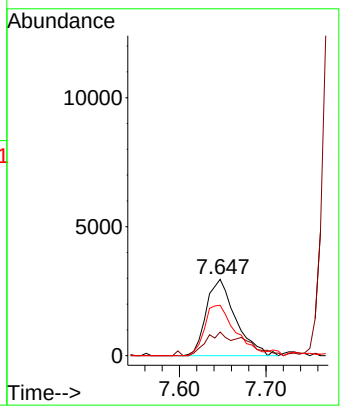


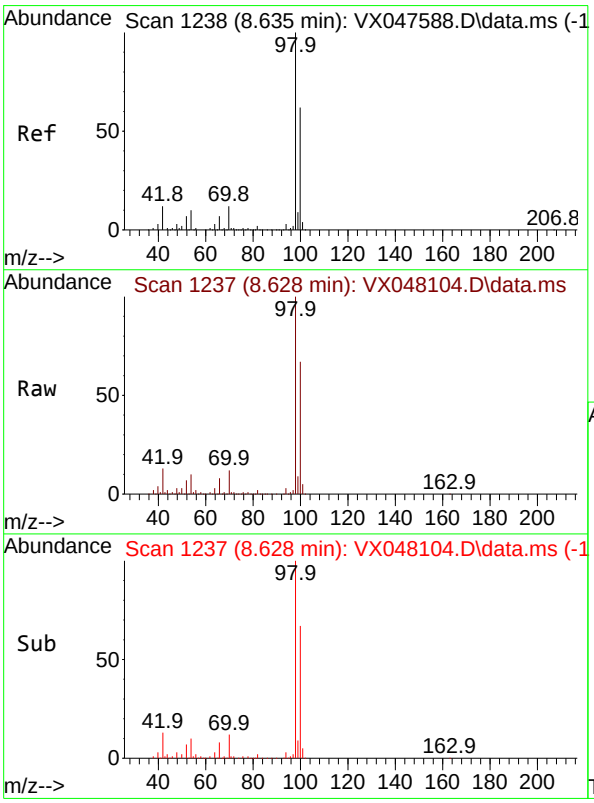
#49
1,4-Dioxane
Concen: 351.364 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 88 Resp: 6966

Ion	Ratio	Lower	Upper
88	100		
43	23.9	30.2	45.2#
58	68.6	59.5	89.3

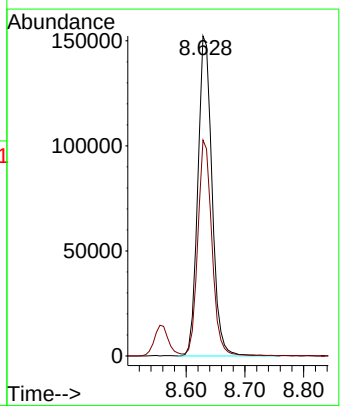


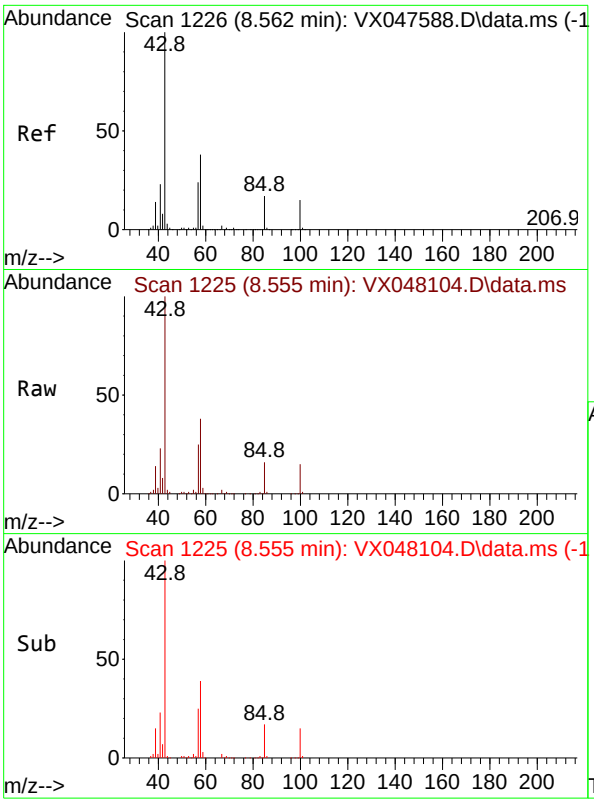


#50
Toluene-d8
Concen: 48.305 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 98 Resp: 256541

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



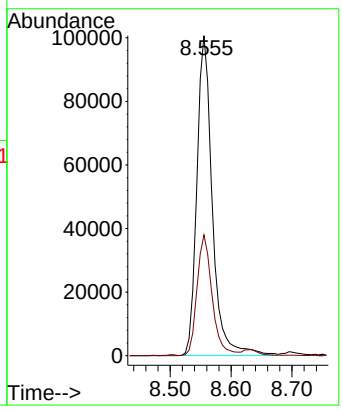


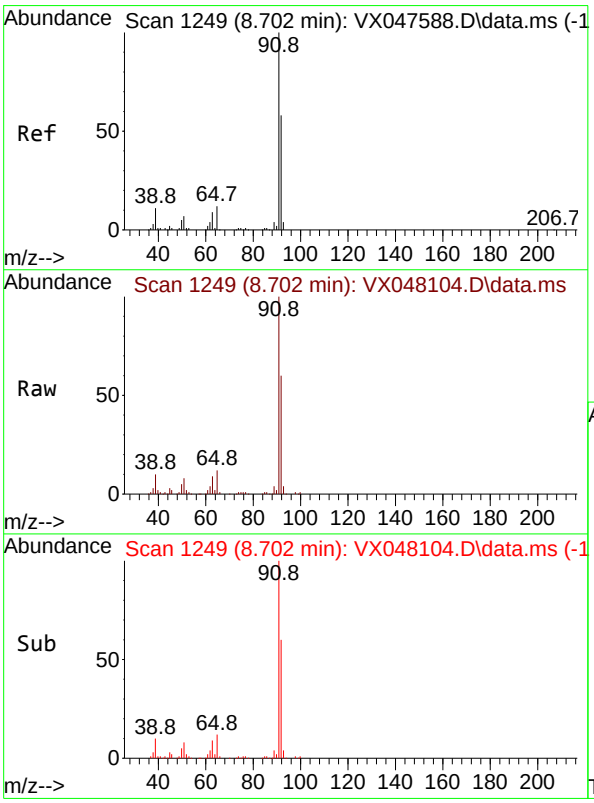
#51
4-Methyl-2-Pentanone
Concen: 81.312 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 43 Resp: 177554

Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.3	45.5

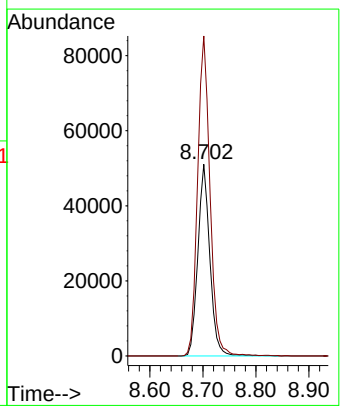


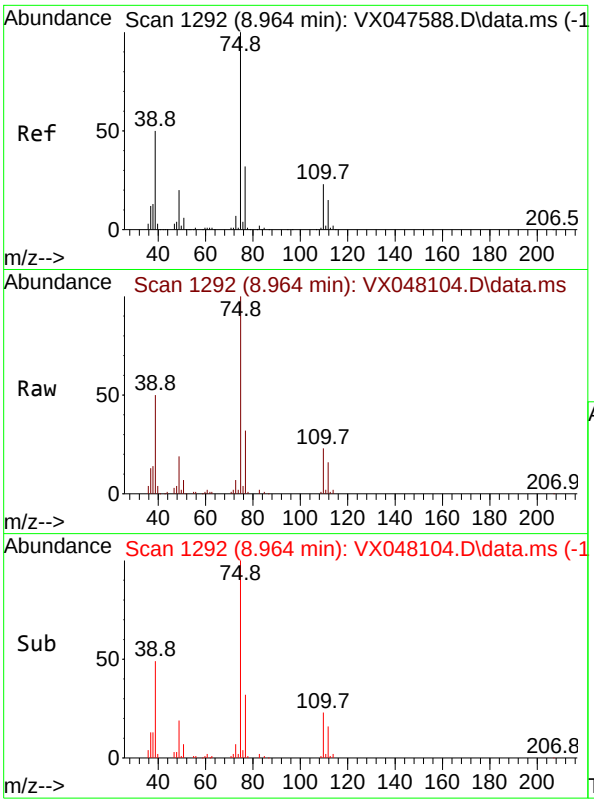


#52
Toluene
Concen: 19.147 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 92 Resp: 80356

Ion	Ratio	Lower	Upper
92	100		
91	172.0	137.1	205.7



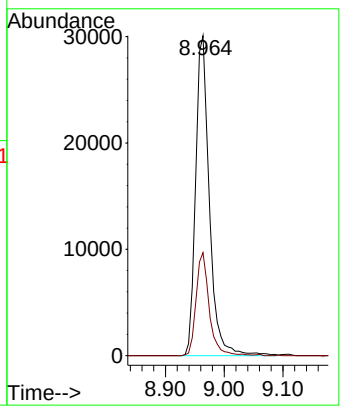


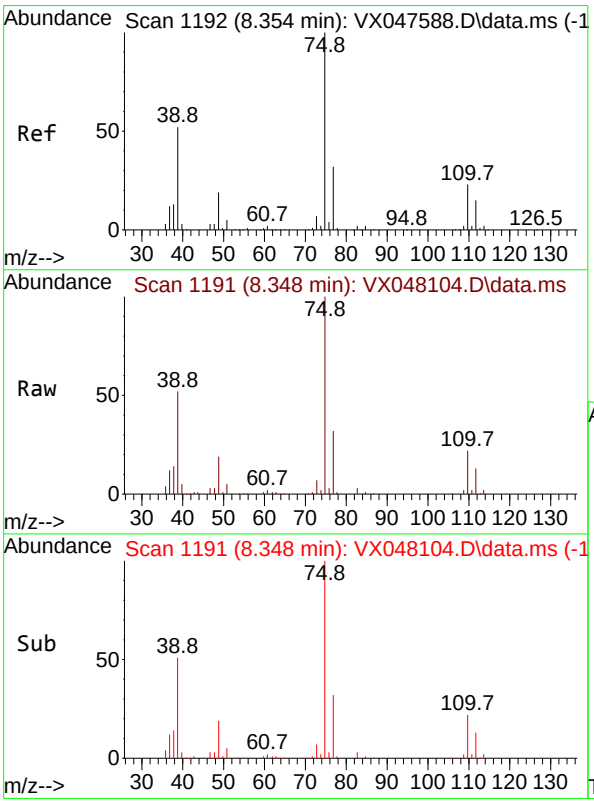
#53
t-1,3-Dichloropropene
Concen: 18.321 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 75 Resp: 48949

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2

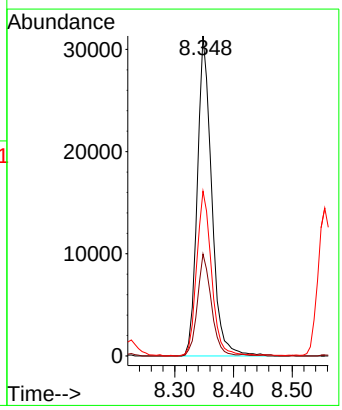


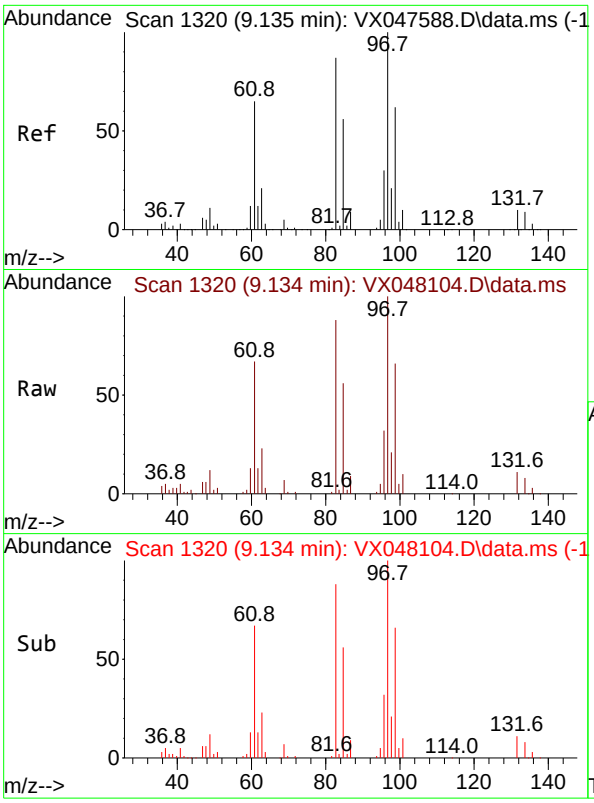


#54
cis-1,3-Dichloropropene
Concen: 18.695 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



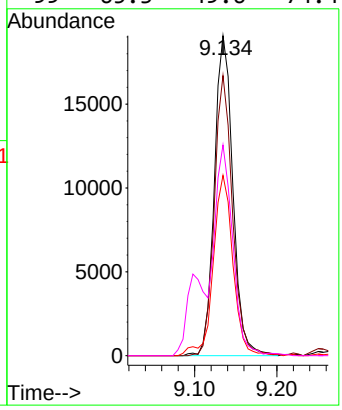


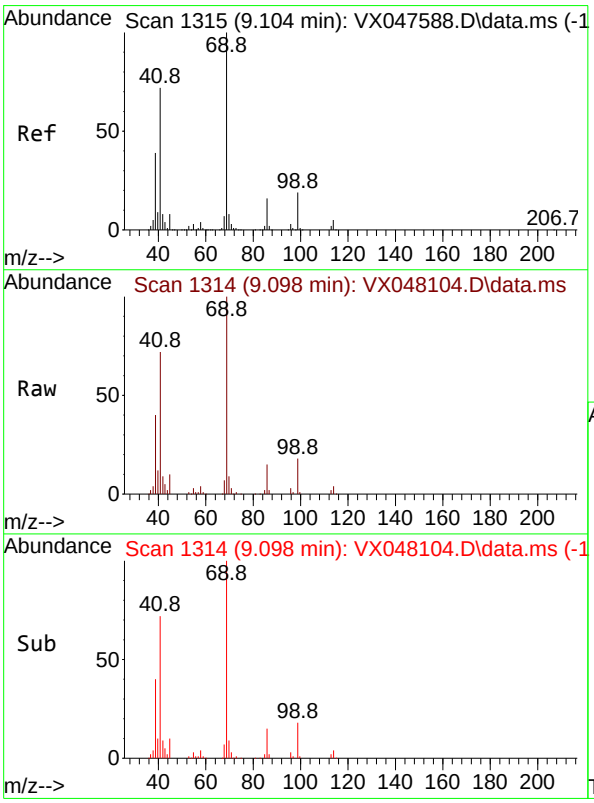
#55
1,1,2-Trichloroethane
Concen: 18.456 ug/l
RT: 9.134 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 97 Resp: 29866

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

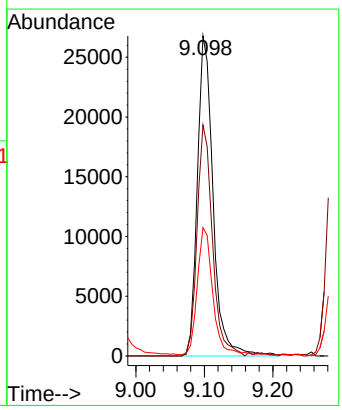


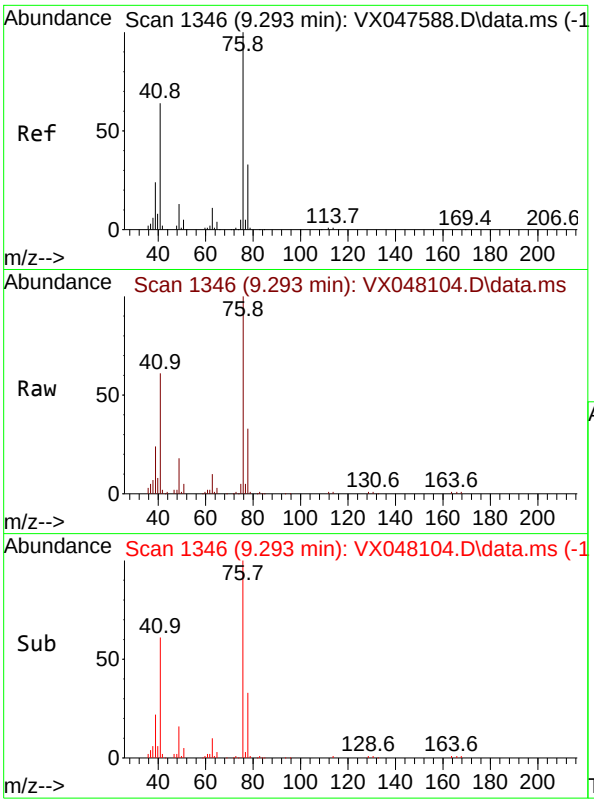


#56
Ethyl methacrylate
Concen: 16.829 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



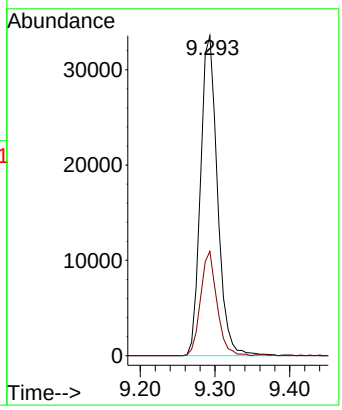


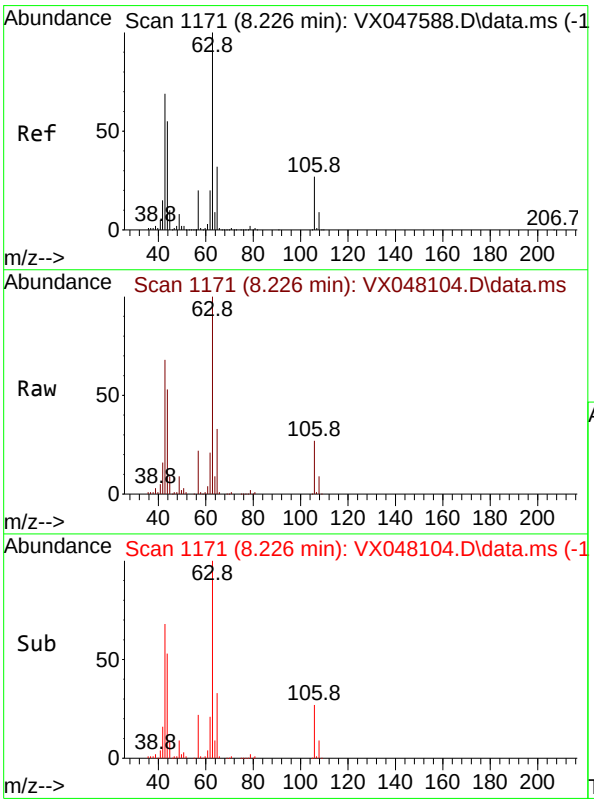
#57
1,3-Dichloropropane
Concen: 18.987 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 76 Resp: 52782

Ion	Ratio	Lower	Upper
76	100		
78	31.5	26.2	39.4

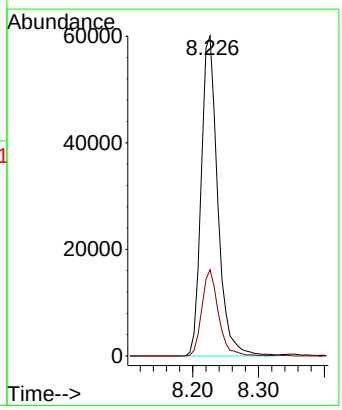


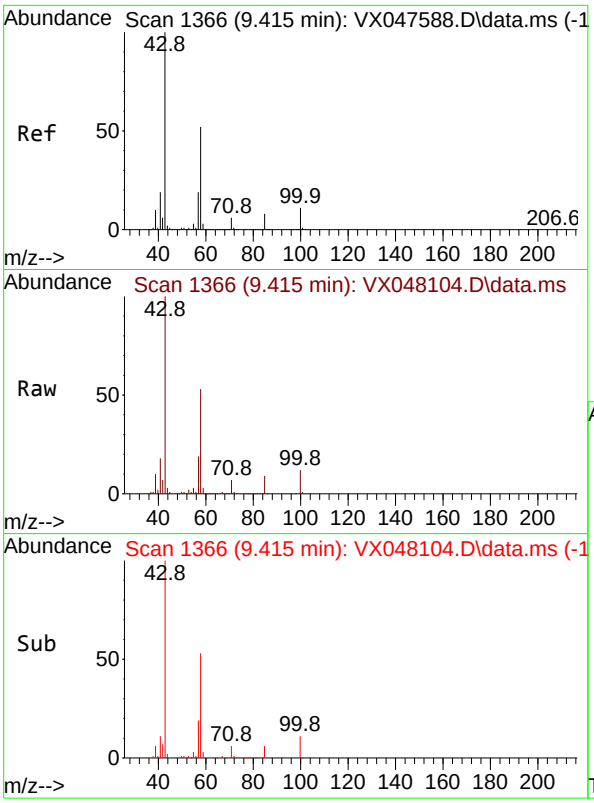


#58
2-Chloroethyl Vinyl ether
Concen: 93.585 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 63 Resp: 104857

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.9	32.9



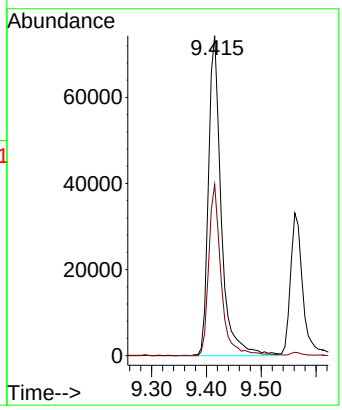


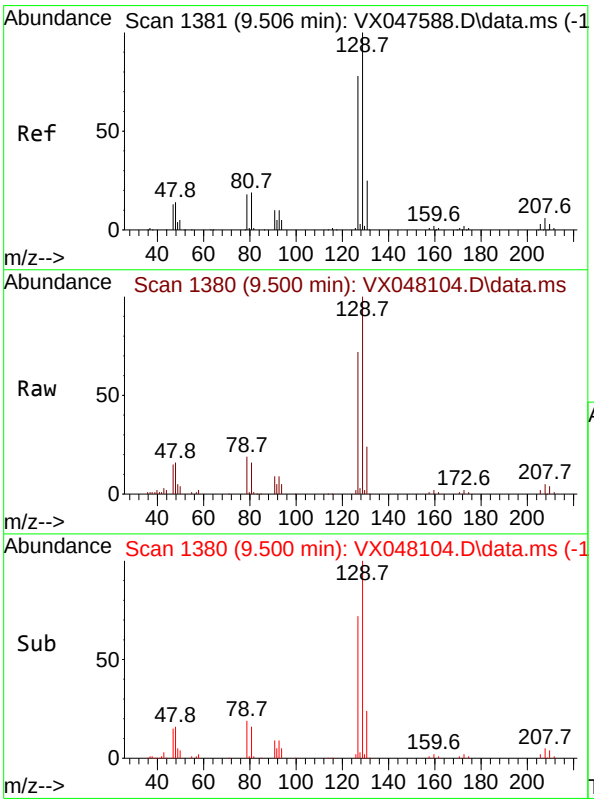
#59
2-Hexanone
Concen: 76.487 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 43 Resp: 119953

Ion	Ratio	Lower	Upper
43	100		
58	52.2	26.1	78.2

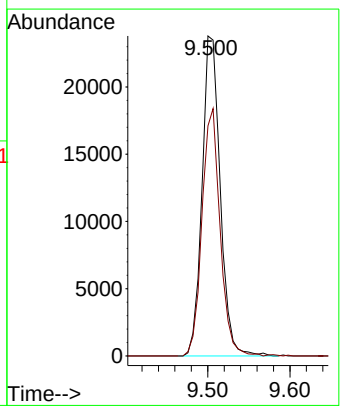


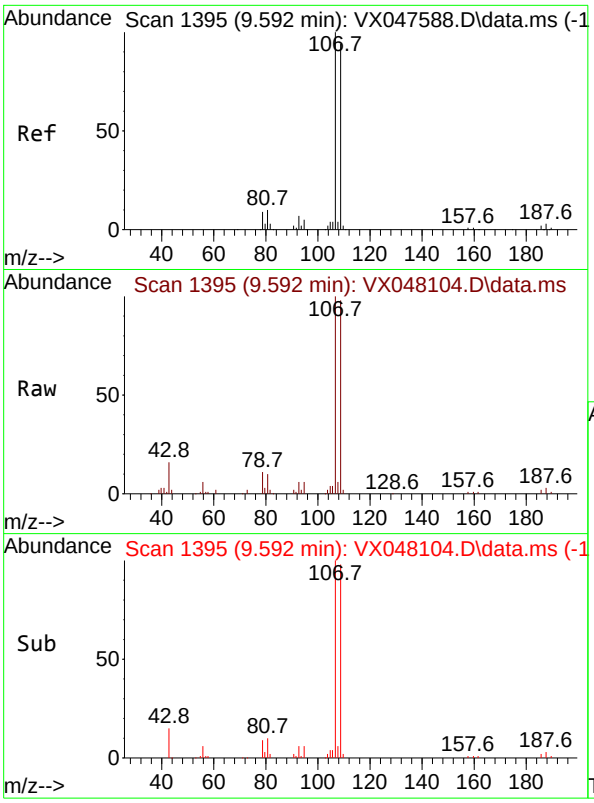


#60
Dibromochloromethane
Concen: 19.533 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:129 Resp: 36421

Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.4	115.2



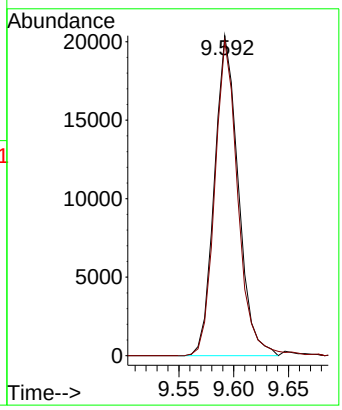


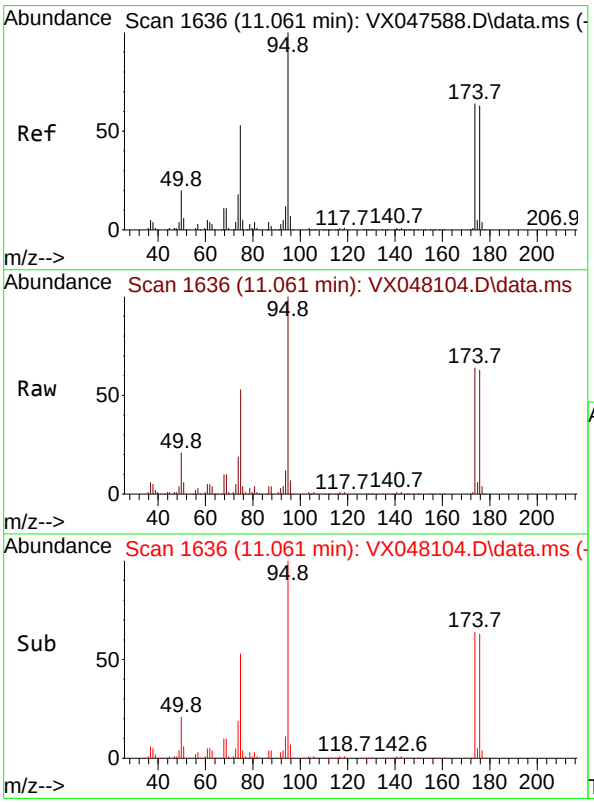
#61
1,2-Dibromoethane
Concen: 18.731 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:107 Resp: 30874

Ion	Ratio	Lower	Upper
107	100		
109	95.5	75.3	112.9

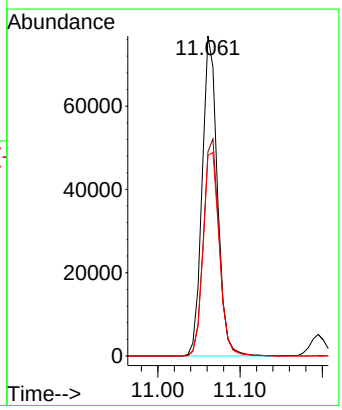


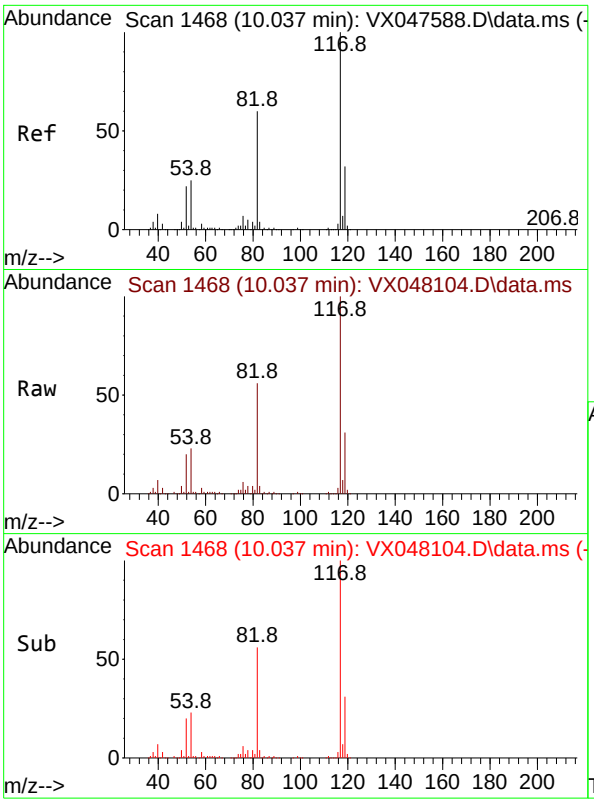


#62
4-Bromofluorobenzene
Concen: 49.215 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



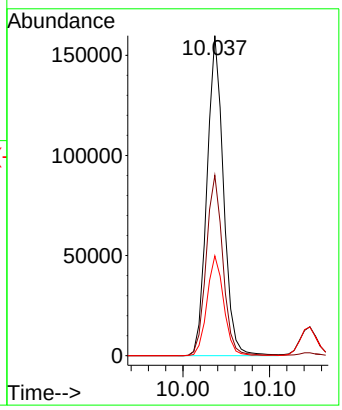


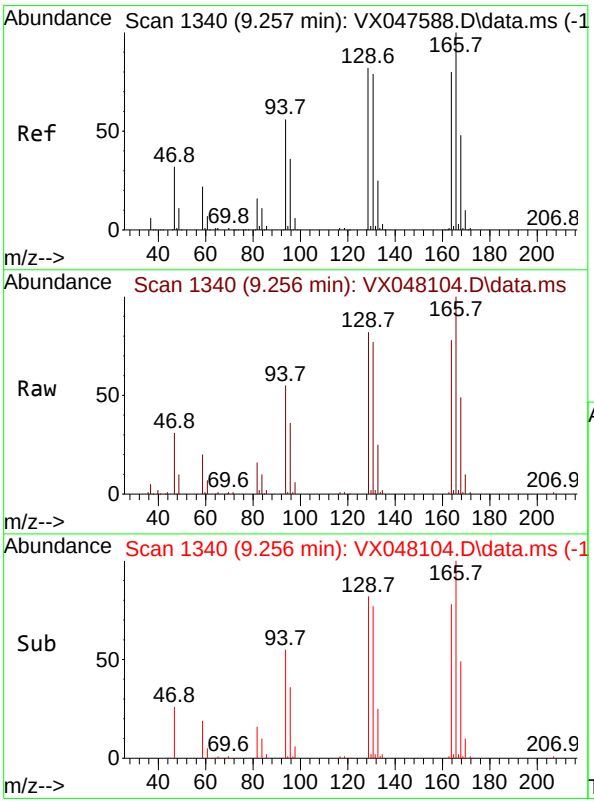
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:117 Resp: 211483

Ion	Ratio	Lower	Upper
117	100		
82	56.4	47.8	71.6
119	31.2	25.2	37.8

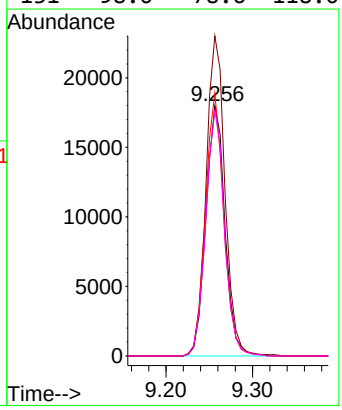


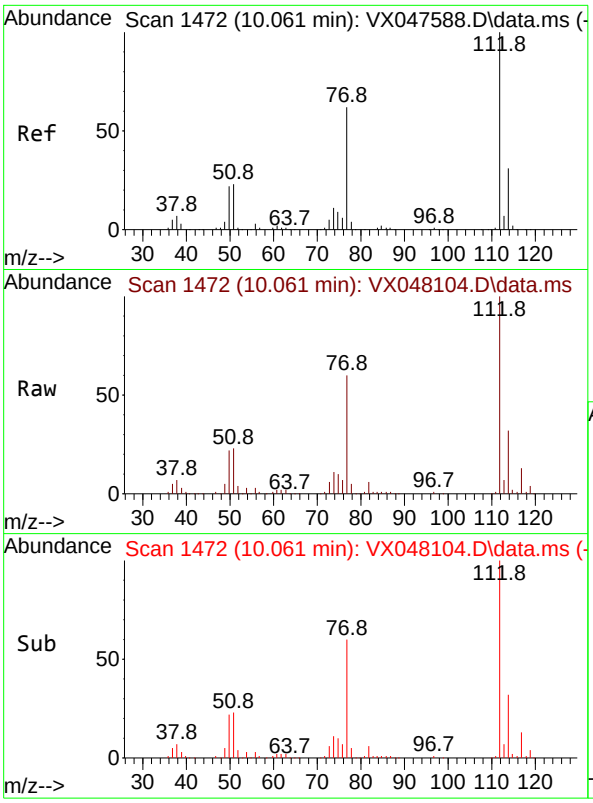


#64
Tetrachloroethene
Concen: 19.993 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



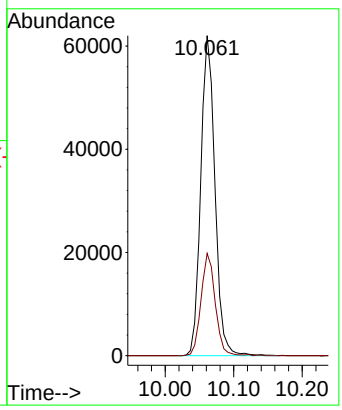


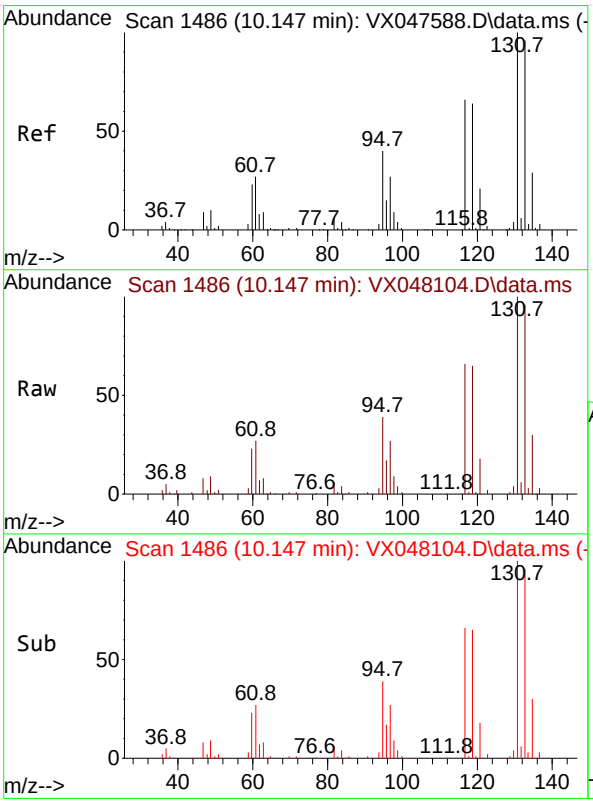
#65
Chlorobenzene
Concen: 18.614 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:112 Resp: 89429

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.1	37.7

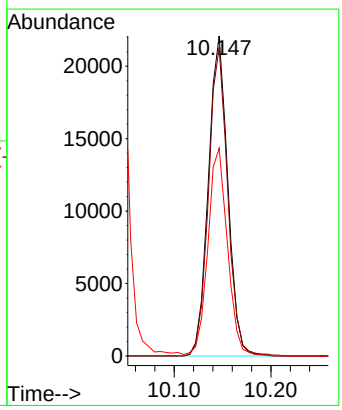


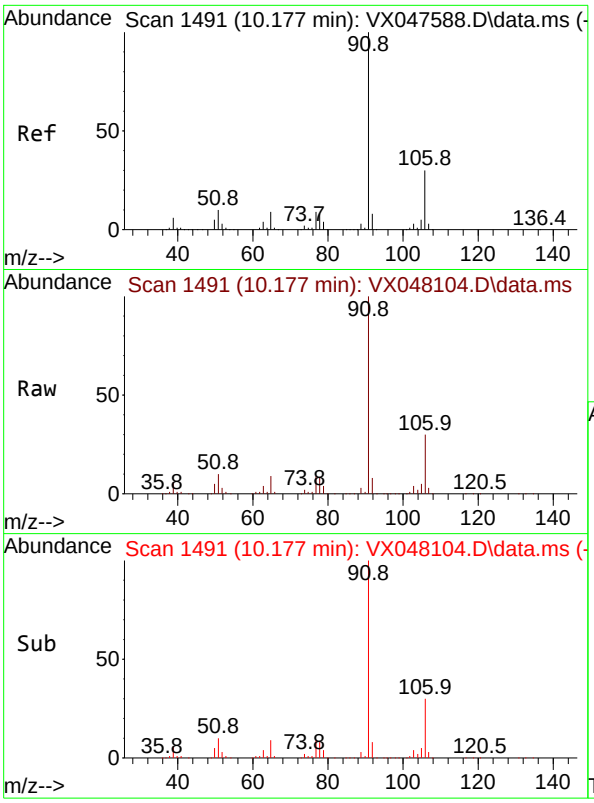


#66
1,1,1,2-Tetrachloroethane
Concen: 18.575 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



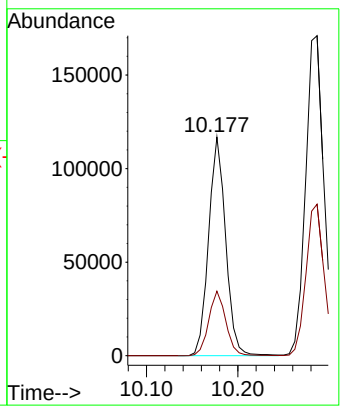


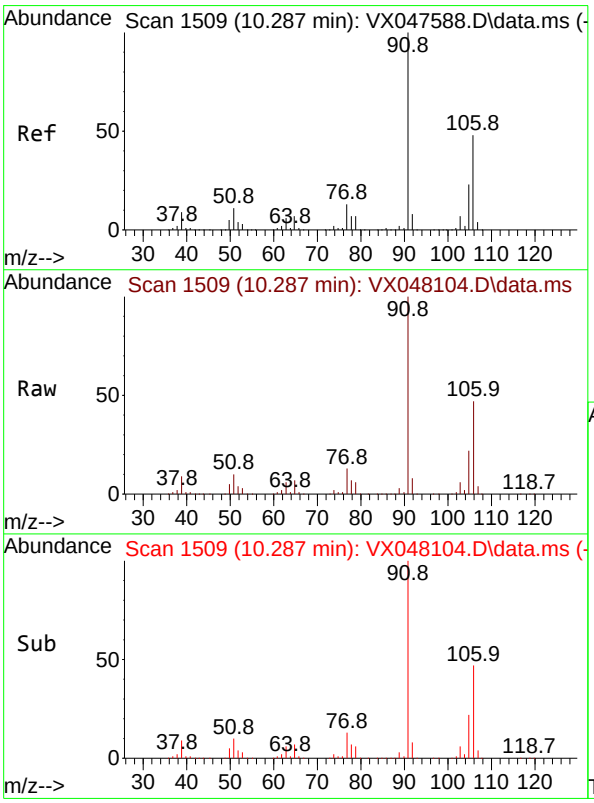
#67
Ethyl Benzene
Concen: 18.232 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 91 Resp: 151142

Ion	Ratio	Lower	Upper
91	100		
106	29.5	24.3	36.5

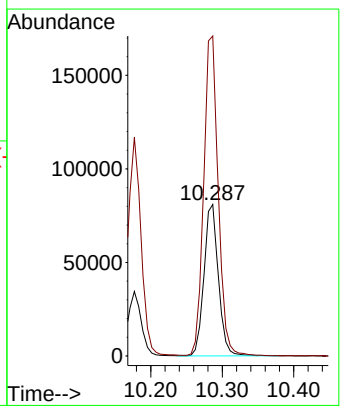


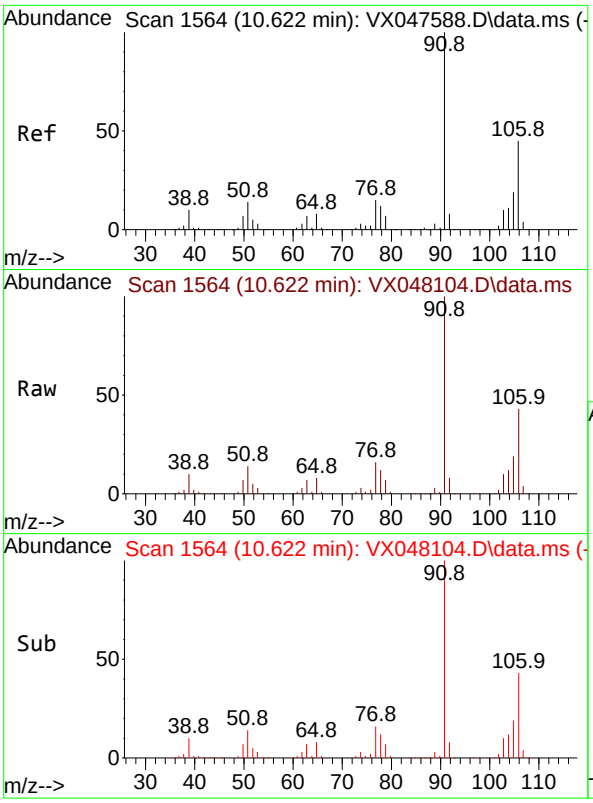


#68
m/p-Xylenes
Concen: 36.680 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:106 Resp: 113176

Ion	Ratio	Lower	Upper
106	100		
91	213.3	167.8	251.8



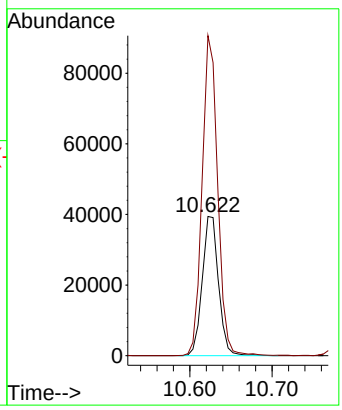


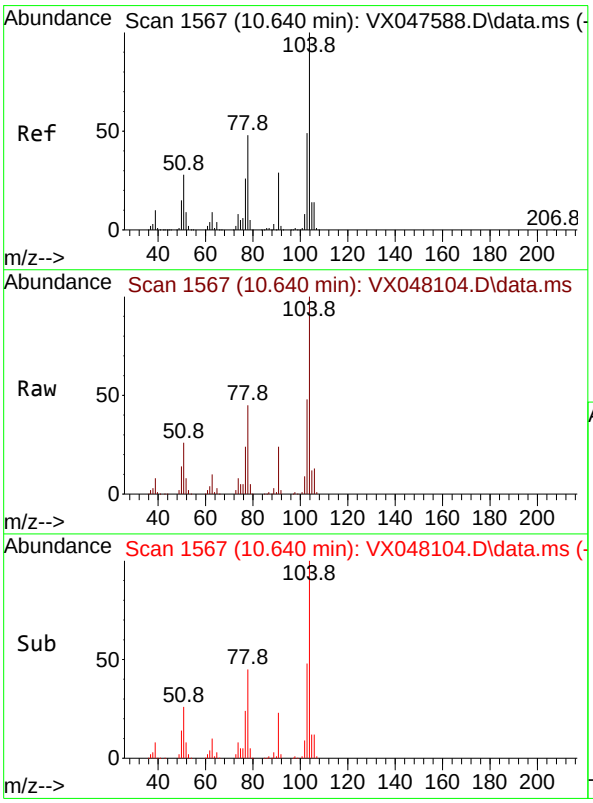
#69
o-Xylene
Concen: 18.169 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:106 Resp: 54224

Ion	Ratio	Lower	Upper
106	100		
91	219.5	111.1	333.4

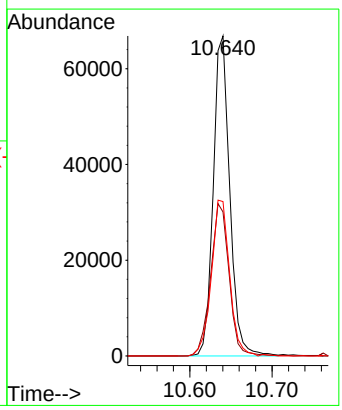


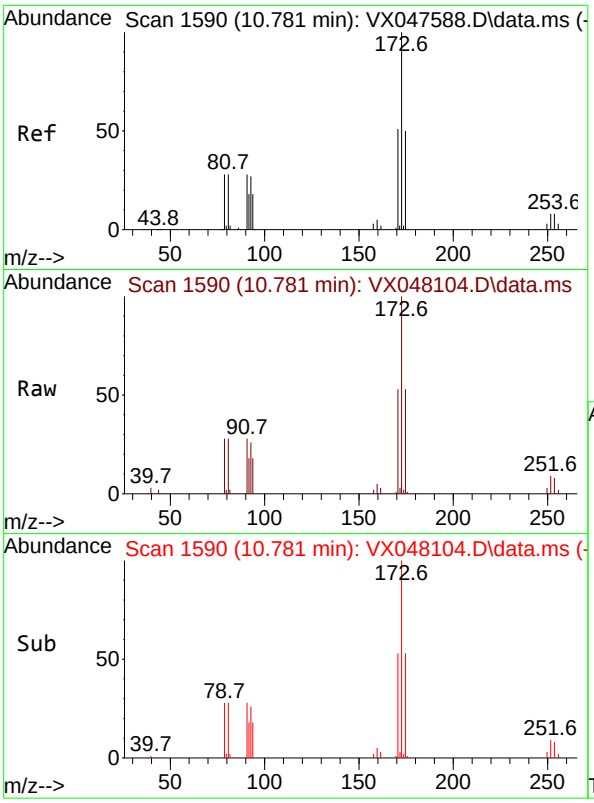


#70
Styrene
Concen: 17.854 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



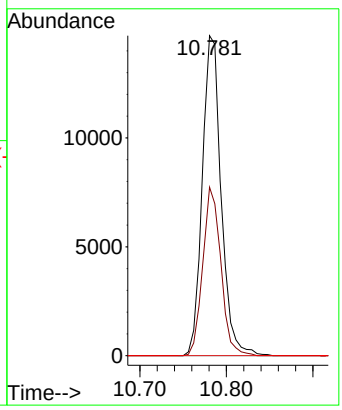


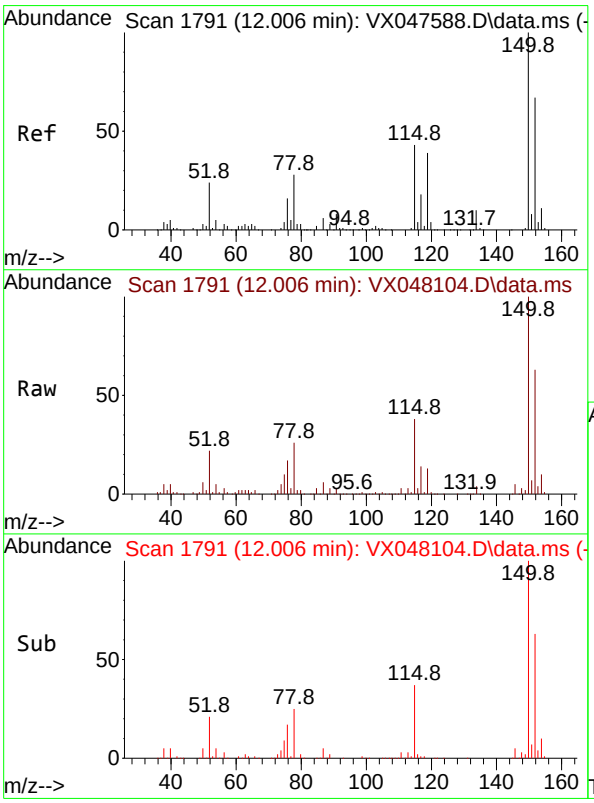
#71
Bromoform
Concen: 17.957 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:173 Resp: 22230

Ion	Ratio	Lower	Upper
173	100		
175	50.5	24.9	74.6
254	0.0	0.1	0.1#

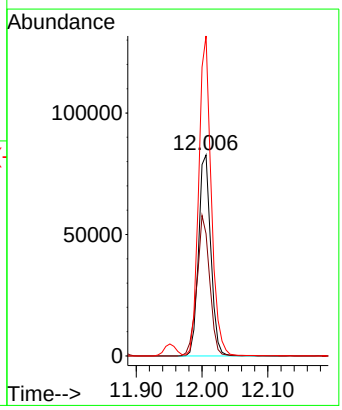


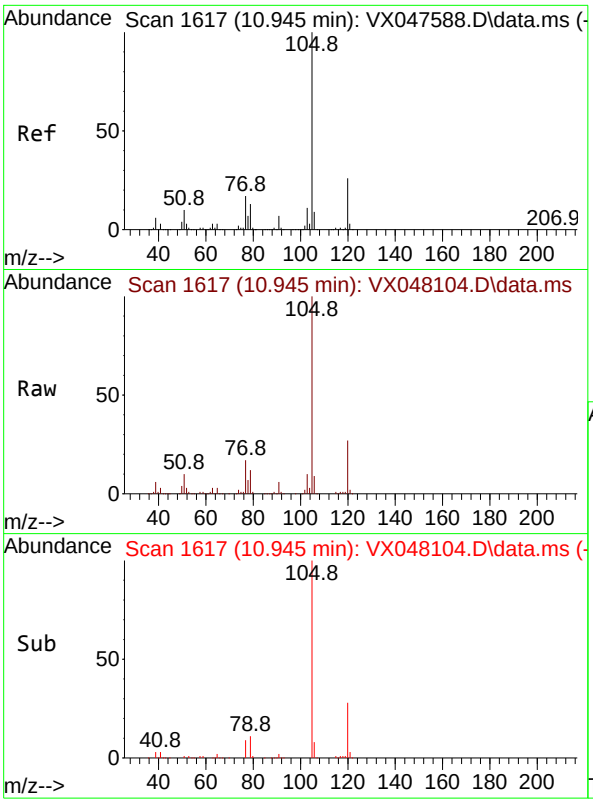


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



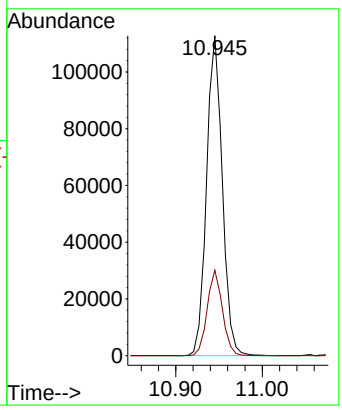


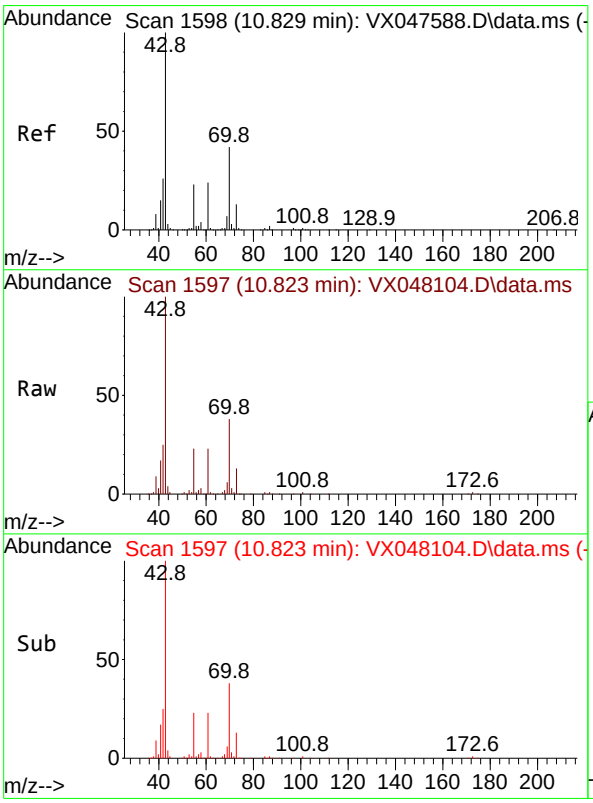
#73
Isopropylbenzene
Concen: 17.504 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:105 Resp: 142292

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4

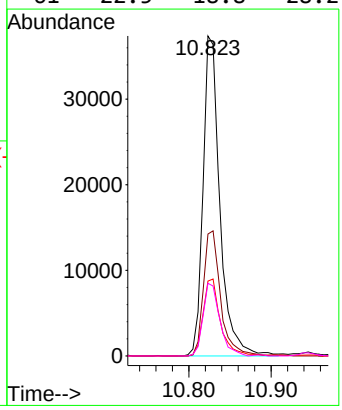


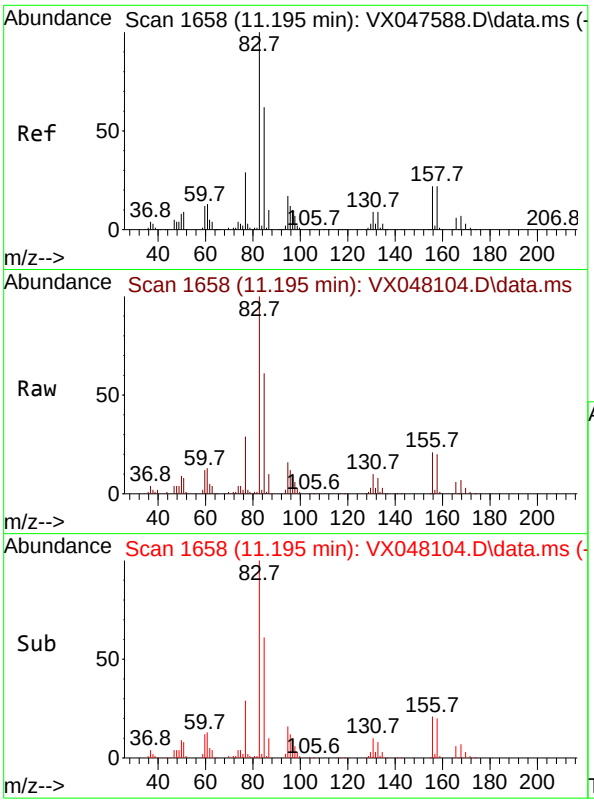


#74
N-amyl acetate
Concen: 14.385 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



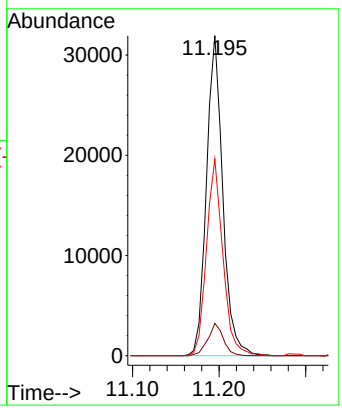


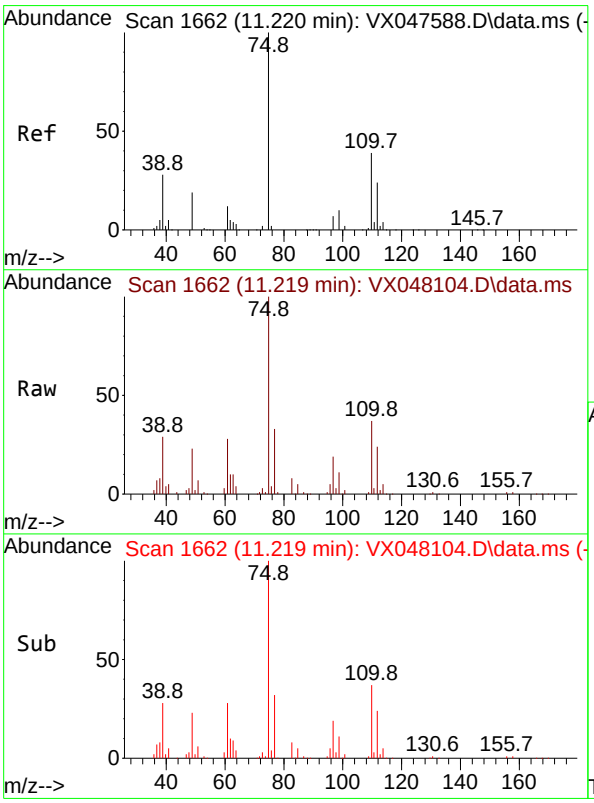
#75
1,1,2,2-Tetrachloroethane
Concen: 16.979 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 83 Resp: 41760

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	61.8	31.6	95.0

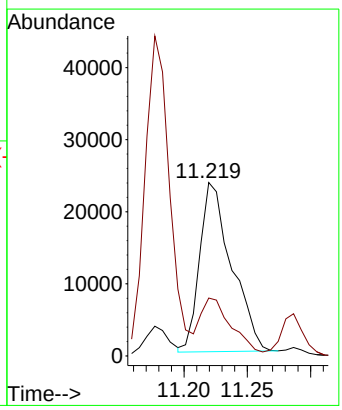


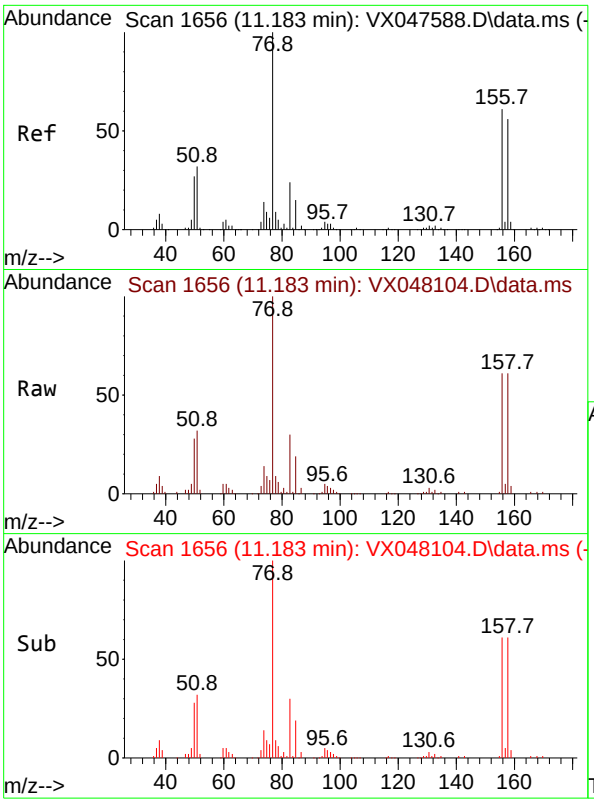


#76
1,2,3-Trichloropropane
Concen: 19.079 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 75 Resp: 41305

Ion	Ratio	Lower	Upper
75	100		
77	33.1	18.8	56.4



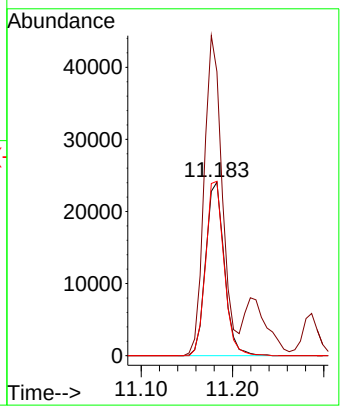


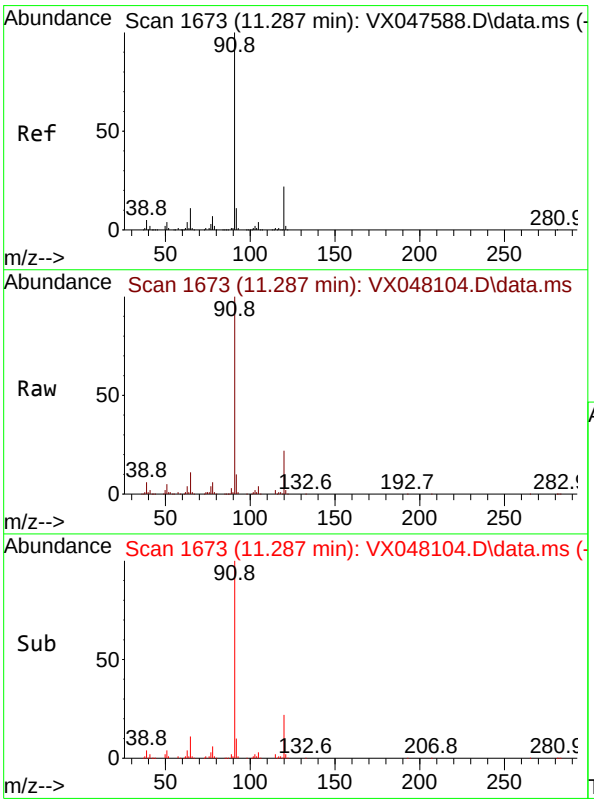
#77
Bromobenzene
Concen: 16.930 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:156 Resp: 33897

Ion	Ratio	Lower	Upper
156	100		
77	179.2	89.7	269.1
158	99.5	47.9	143.6

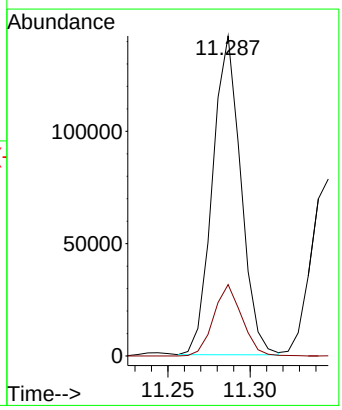


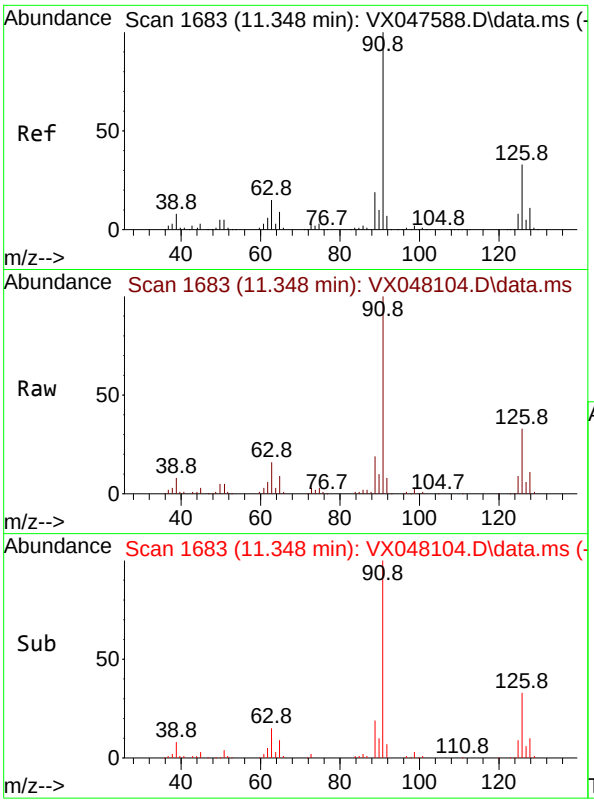


#78
n-propylbenzene
Concen: 17.715 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 91 Resp: 170232

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1



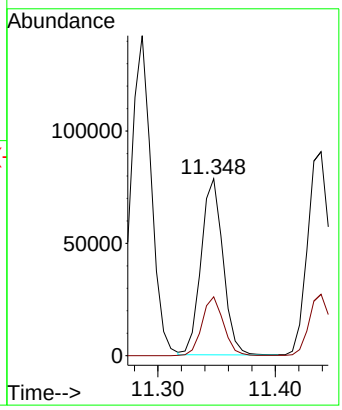


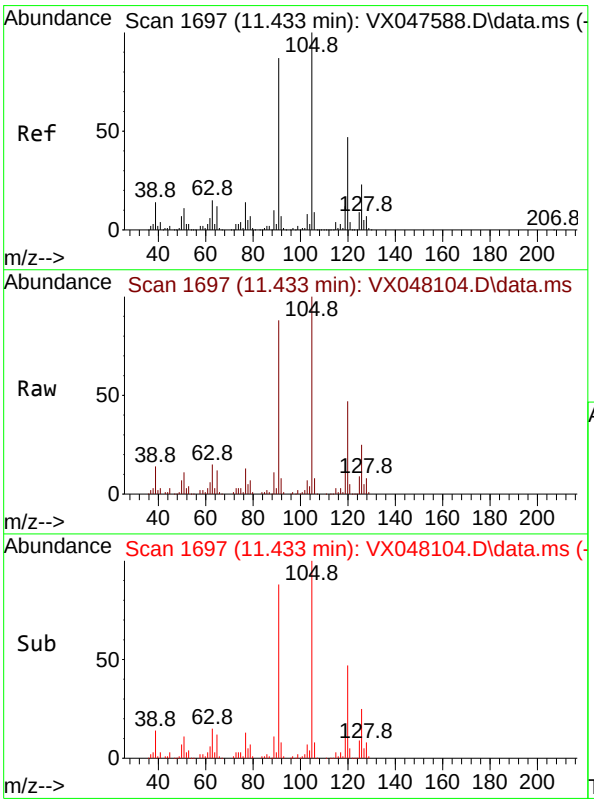
#79
2-Chlorotoluene
Concen: 17.275 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 91 Resp: 101673

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.1	48.3

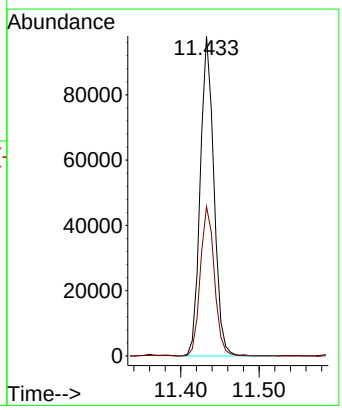


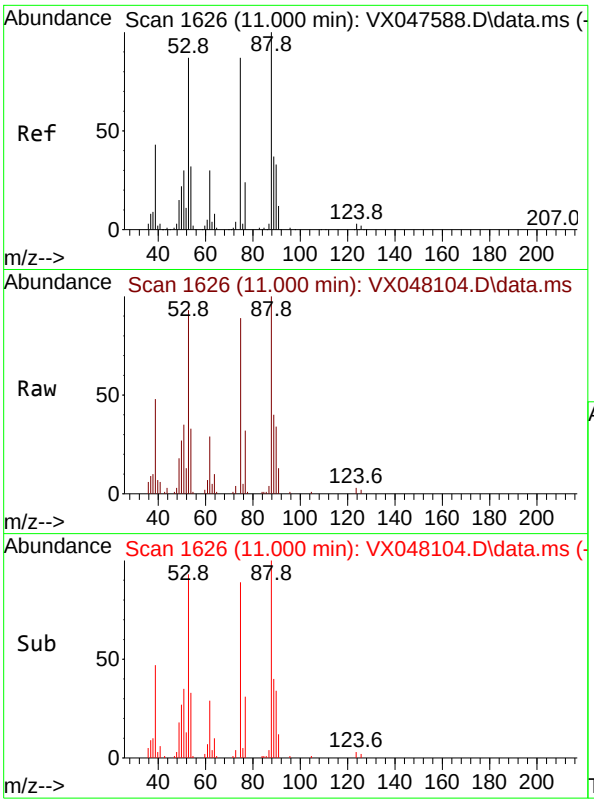


#80
1,3,5-Trimethylbenzene
Concen: 17.747 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:105 Resp: 118528

Ion	Ratio	Lower	Upper
105	100		
120	48.2	23.6	70.8



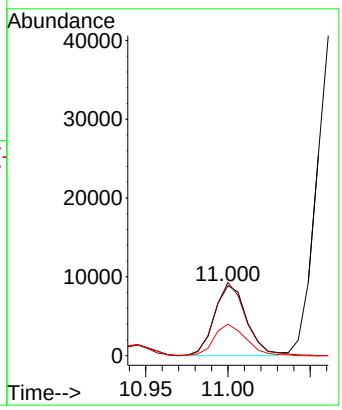


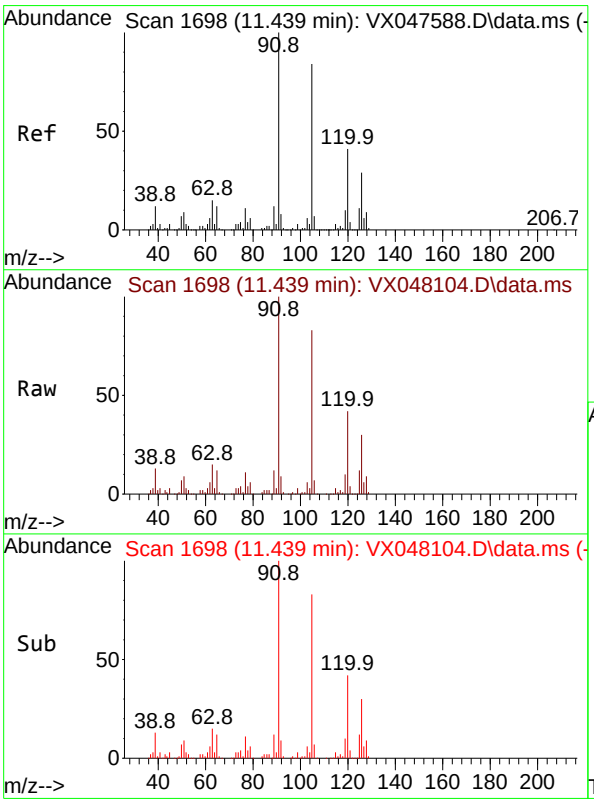
#81
trans-1,4-Dichloro-2-butene
Concen: 14.382 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 75 Resp: 12209

Ion	Ratio	Lower	Upper
75	100		
53	101.1	83.4	125.2
89	44.1	36.3	54.5

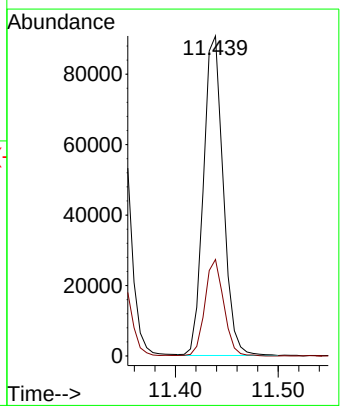


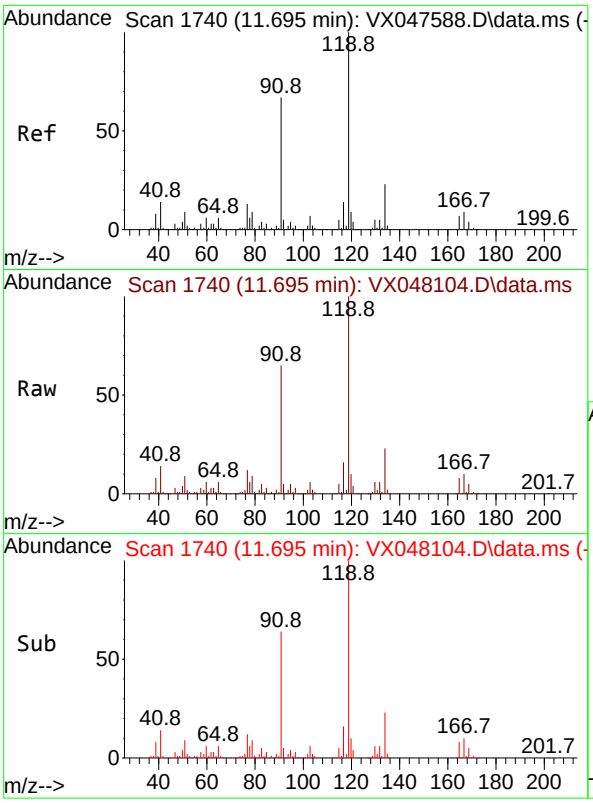


#82
4-Chlorotoluene
Concen: 17.437 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion: 91 Resp: 121212

Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.2	42.6



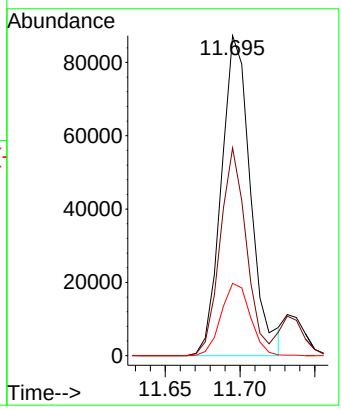


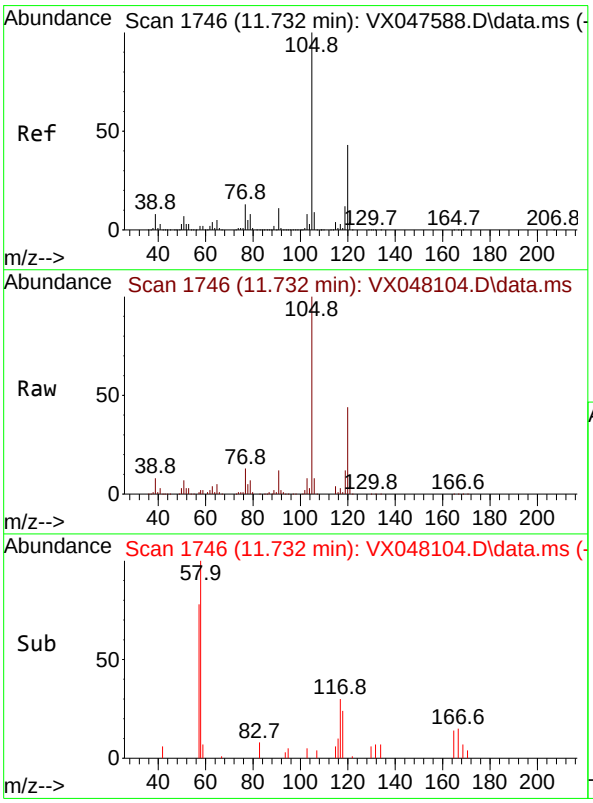
#83
tert-Butylbenzene
Concen: 17.331 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:119 Resp: 118494

Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.6	88.8
134	22.7	11.0	33.0

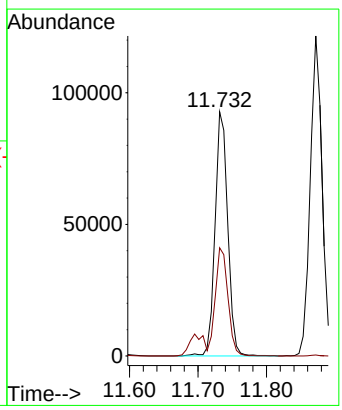


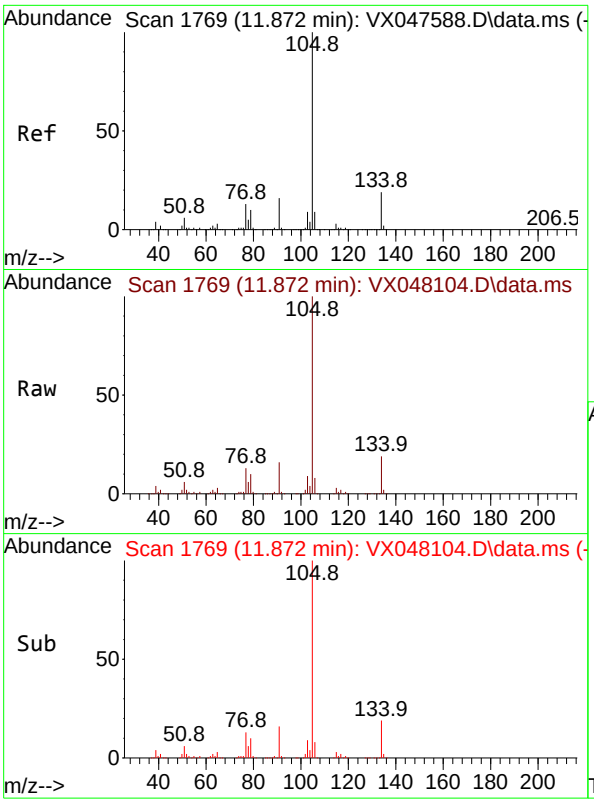


#84
1,2,4-Trimethylbenzene
Concen: 17.519 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:105 Resp: 118622

Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.1



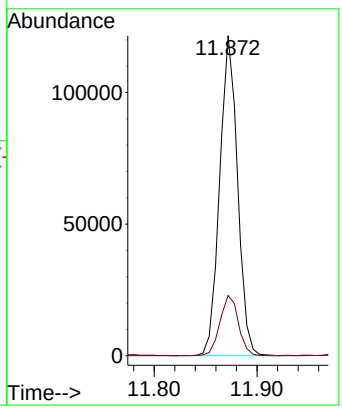


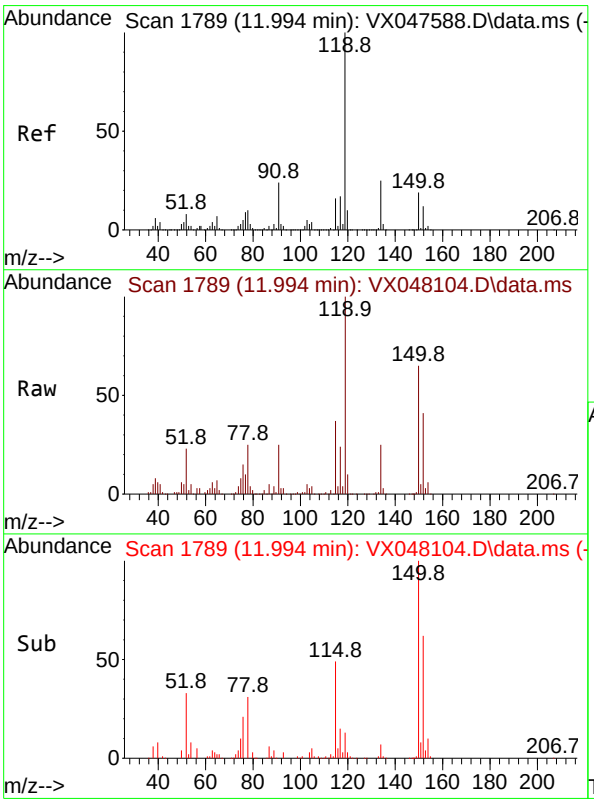
#85
sec-Butylbenzene
Concen: 18.015 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:105 Resp: 146302

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

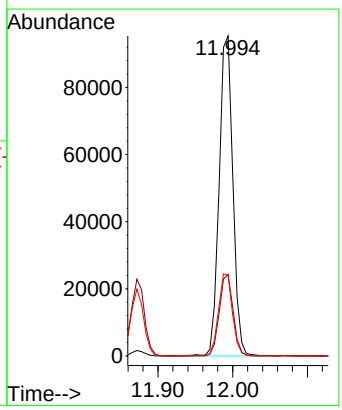


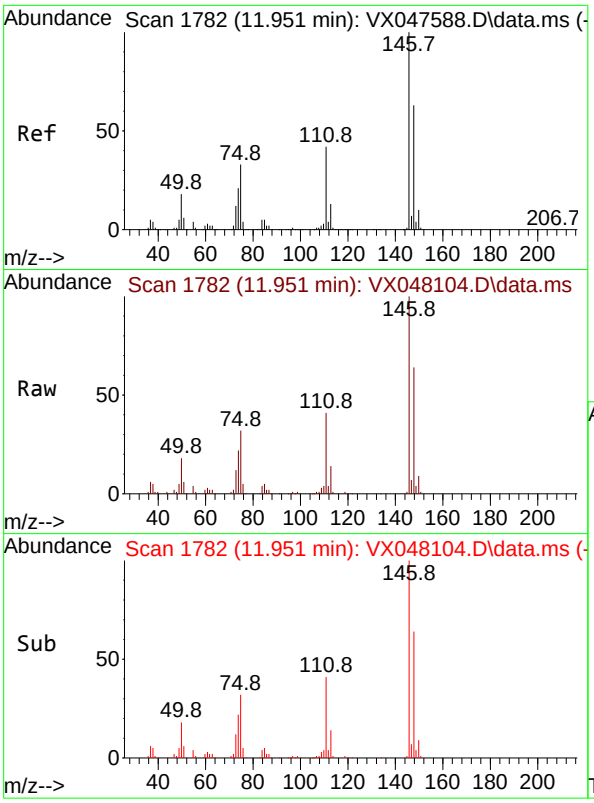


#86
p-Isopropyltoluene
Concen: 17.736 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



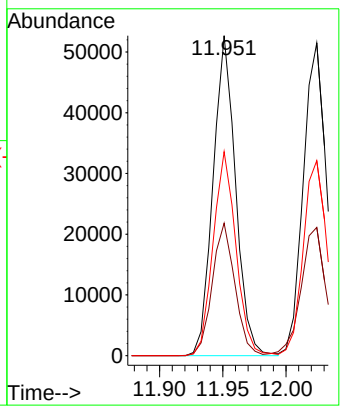


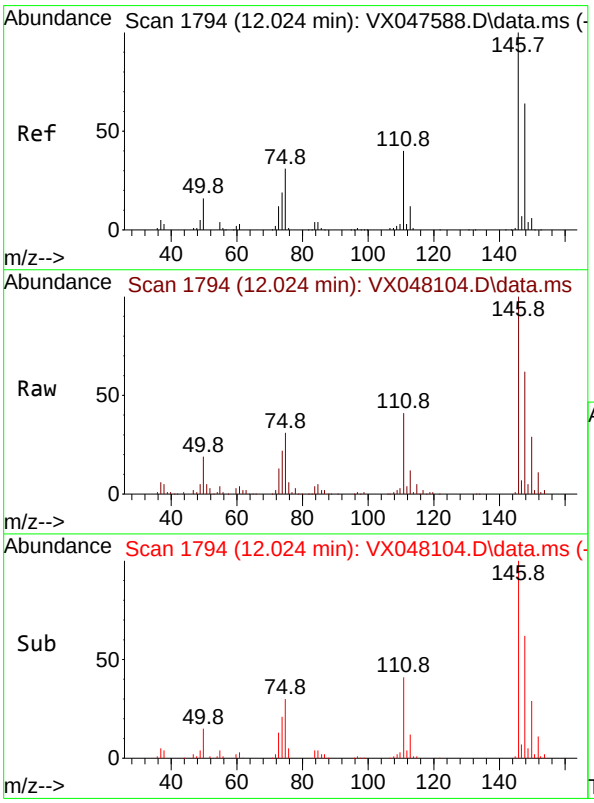
#87
1,3-Dichlorobenzene
Concen: 17.517 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:146 Resp: 65141

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.5	64.5
148	64.8	32.0	96.0

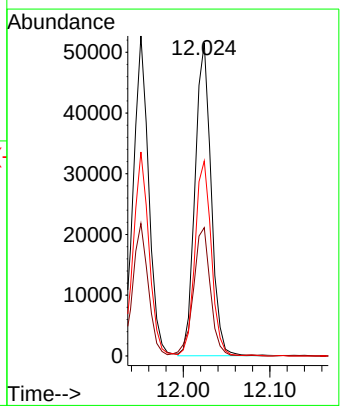


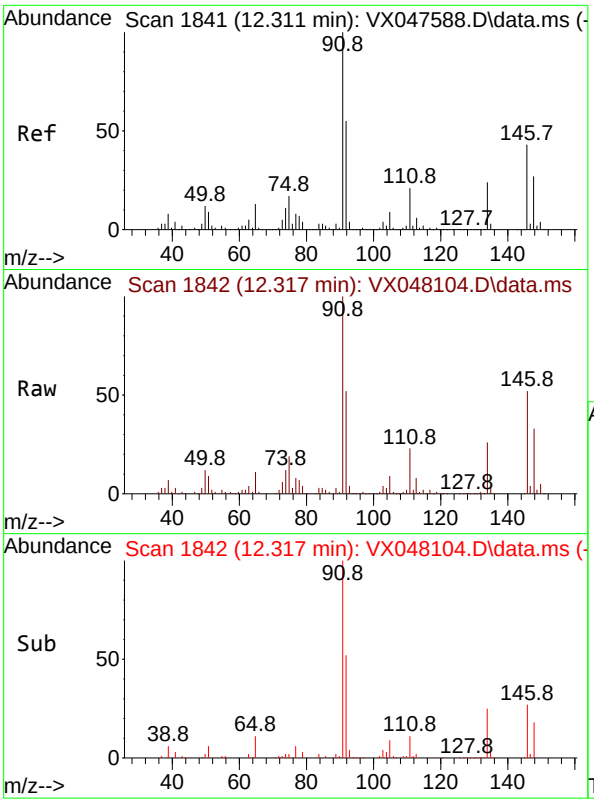


#88
1,4-Dichlorobenzene
Concen: 17.399 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



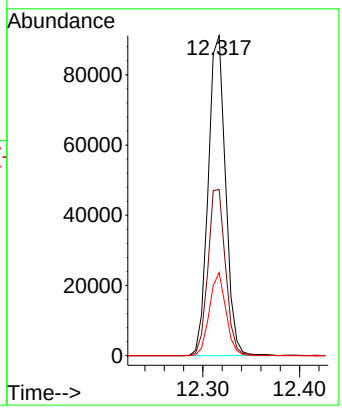


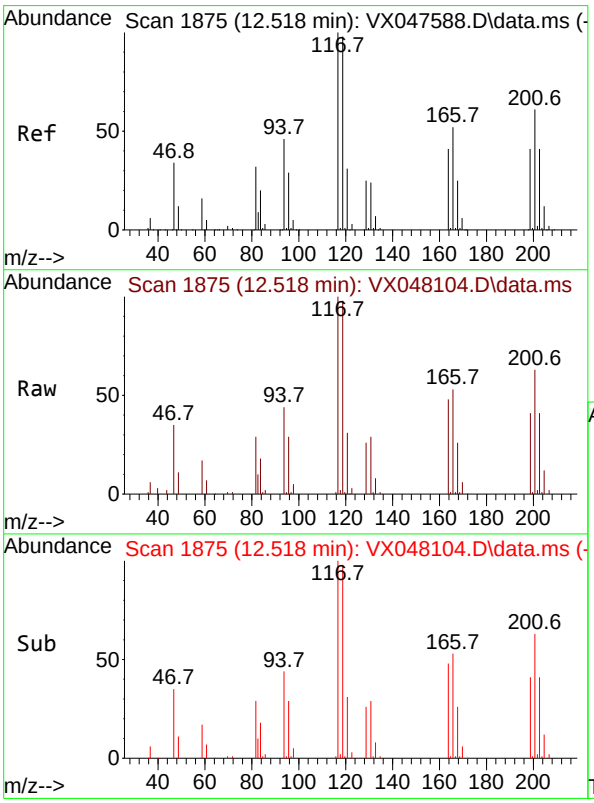
#89
n-Butylbenzene
Concen: 17.890 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion: 91 Resp: 113807

Ion	Ratio	Lower	Upper
91	100		
92	52.8	27.6	82.7
134	24.7	12.6	37.8

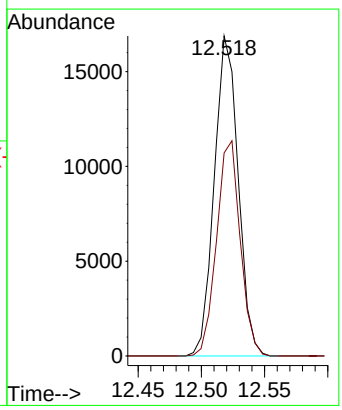


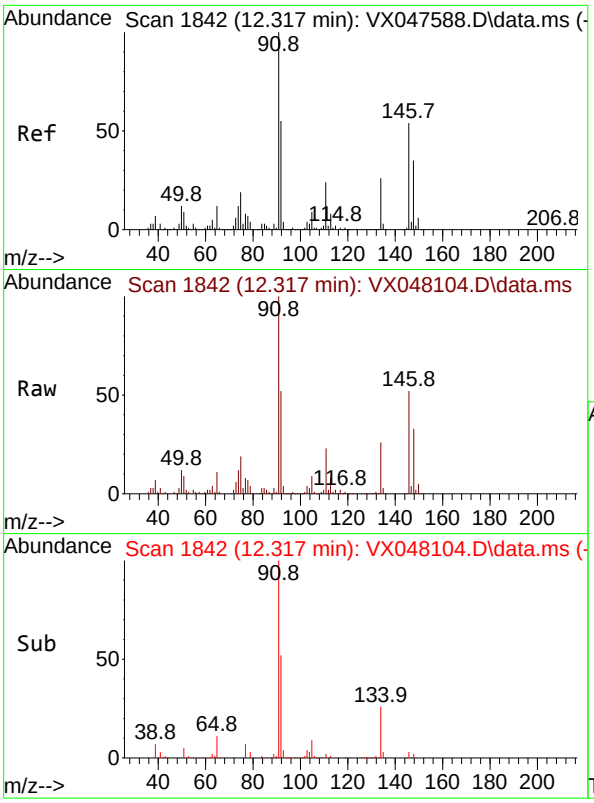


#90
Hexachloroethane
Concen: 18.342 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Tgt Ion:117 Resp: 22140

Ion	Ratio	Lower	Upper
117	100		
201	66.7	34.2	102.5



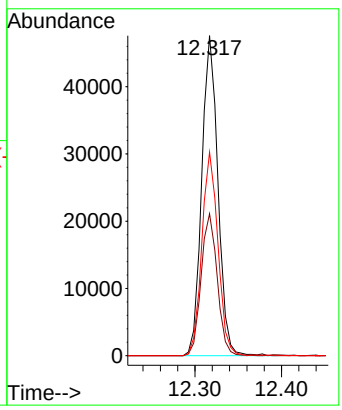


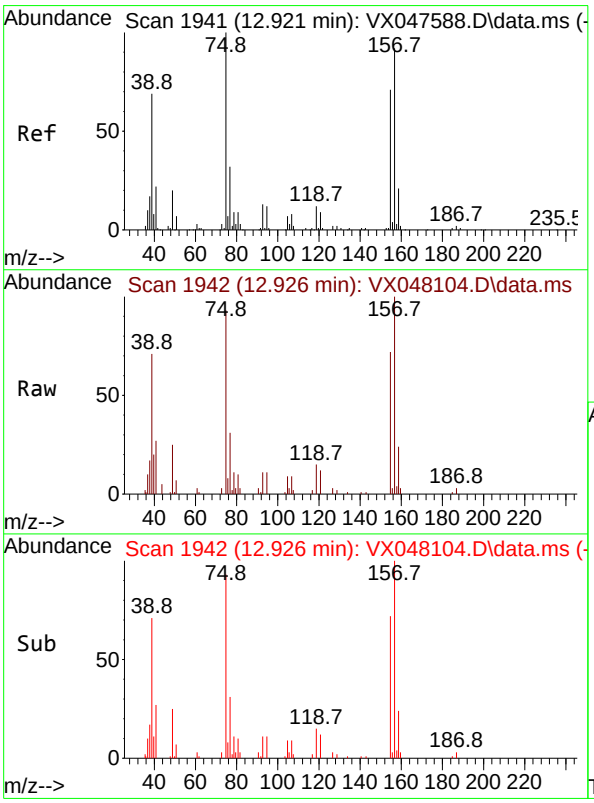
#91
1,2-Dichlorobenzene
Concen: 17.427 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:146 Resp: 61743

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	63.2	31.8	95.4

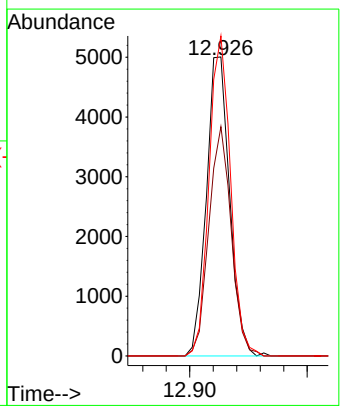


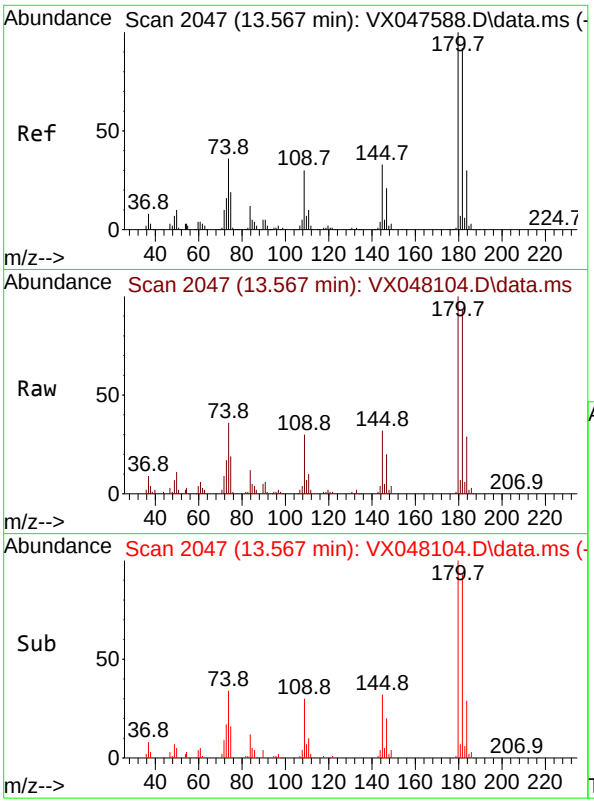


#92
1,2-Dibromo-3-Chloropropane
Concen: 13.877 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



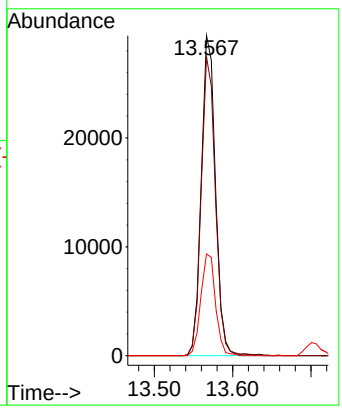


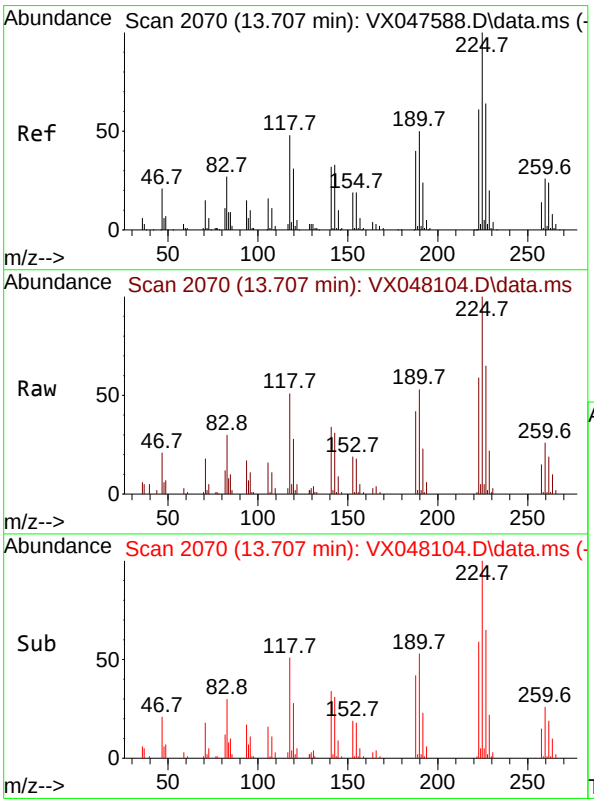
#93
1,2,4-Trichlorobenzene
Concen: 16.070 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:180 Resp: 37003

Ion	Ratio	Lower	Upper
180	100		
182	93.3	46.6	139.8
145	32.9	16.4	49.1

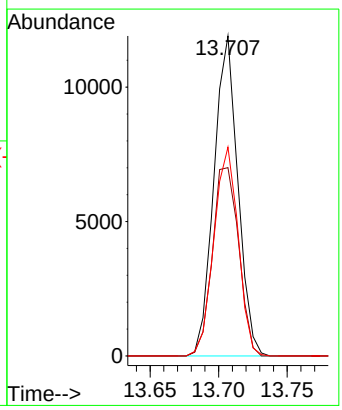


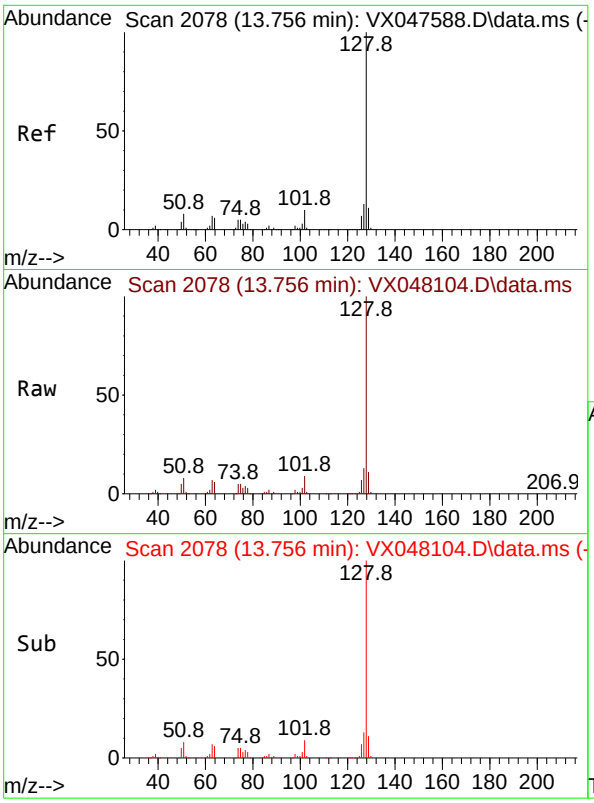


#94
Hexachlorobutadiene
Concen: 18.493 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



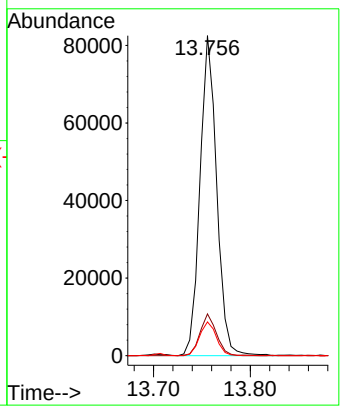


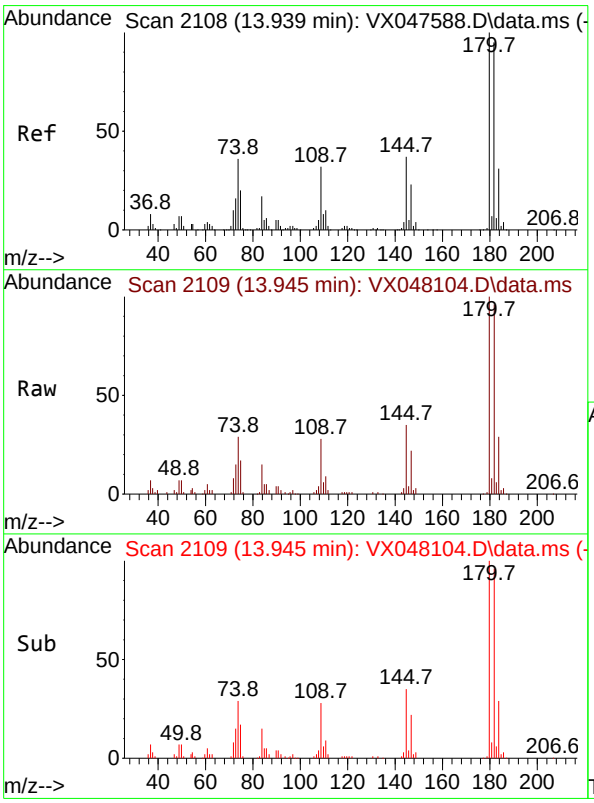
#95
Naphthalene
Concen: 14.169 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS01

Tgt Ion:128 Resp: 99347

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.6	8.8	13.2

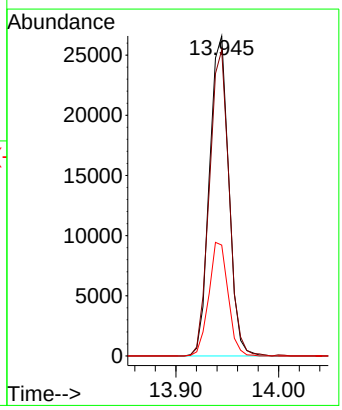




#96
1,2,3-Trichlorobenzene
Concen: 16.133 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048104.D
Acq: 10 Oct 2025 12:30

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



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048122.D
Acq On : 10 Oct 2025 18:59
Operator : JC/MD
Sample : VX1010WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Quant Time: Oct 10 22:57:26 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	122969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	213051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	198272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	102458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102286	52.257	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.520%			
35) Dibromofluoromethane	5.373	113	79482	55.627	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.260%			
50) Toluene-d8	8.634	98	269239	54.457	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.920%			
62) 4-Bromofluorobenzene	11.061	95	104255	55.562	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	28387	22.293	ug/l	100
3) Chloromethane	1.300	50	32306	19.304	ug/l	98
4) Vinyl Chloride	1.379	62	34653	21.153	ug/l	98
5) Bromomethane	1.623	94	22455	21.616	ug/l	93
6) Chloroethane	1.696	64	22906	20.920	ug/l	97
7) Trichlorofluoromethane	1.898	101	51989	21.373	ug/l	95
8) Diethyl Ether	2.135	74	19848	19.947	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	30562	21.488	ug/l	98
10) Methyl Iodide	2.459	142	35276	15.903	ug/l	99
11) Tert butyl alcohol	2.940	59	18117	83.107	ug/l	97
12) 1,1-Dichloroethene	2.324	96	29672	20.309	ug/l	93
13) Acrolein	2.239	56	19707	98.099	ug/l	96
14) Allyl chloride	2.672	41	54399	18.044	ug/l	99
15) Acrylonitrile	3.062	53	76456	94.685	ug/l	98
16) Acetone	2.379	43	58526	68.768	ug/l	93
17) Carbon Disulfide	2.519	76	89228	22.309	ug/l	99
18) Methyl Acetate	2.702	43	30779	16.250	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	99412	18.640	ug/l	98
20) Methylene Chloride	2.794	84	36764	20.408	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	31853	20.251	ug/l	100
22) Diisopropyl ether	3.757	45	113845	19.485	ug/l	99
23) Vinyl Acetate	3.721	43	445892	95.352	ug/l	100
24) 1,1-Dichloroethane	3.611	63	63188	20.347	ug/l	99
25) 2-Butanone	4.544	43	87525	82.447	ug/l	98
26) 2,2-Dichloropropane	4.470	77	42939	16.634	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	37868	19.658	ug/l	97
28) Bromochloromethane	4.891	49	34479	25.432	ug/l	98
29) Tetrahydrofuran	4.995	42	54657	85.585	ug/l	98
30) Chloroform	5.080	83	63817	20.336	ug/l	99
31) Cyclohexane	5.464	56	52815	20.420	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	54770	20.576	ug/l	99
36) 1,1-Dichloropropene	5.684	75	43313	20.745	ug/l	99
37) Ethyl Acetate	4.696	43	38813	17.362	ug/l	99
38) Carbon Tetrachloride	5.671	117	47951	21.138	ug/l	99
39) Methylcyclohexane	7.366	83	49771	21.000	ug/l	98
40) Benzene	6.025	78	132225	20.851	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048122.D
Acq On : 10 Oct 2025 18:59
Operator : JC/MD
Sample : VX1010WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Quant Time: Oct 10 22:57:26 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)
41) Methacrylonitrile	4.909	41	21336	18.487	ug/l		99
42) 1,2-Dichloroethane	6.074	62	49566	20.543	ug/l		100
43) Isopropyl Acetate	6.330	43	64119	17.488	ug/l		99
44) Trichloroethene	7.116	130	32373	21.116	ug/l		90
45) 1,2-Dichloropropane	7.415	63	33915	20.886	ug/l		100
46) Dibromomethane	7.567	93	24338	20.597	ug/l		96
47) Bromodichloromethane	7.811	83	51713	21.208	ug/l		99
48) Methyl methacrylate	7.677	41	32305	17.689	ug/l		97
49) 1,4-Dioxane	7.647	88	7099	384.638	ug/l		95
51) 4-Methyl-2-Pentanone	8.561	43	191826	94.365	ug/l		98
52) Toluene	8.707	92	82922	21.224	ug/l		98
53) t-1,3-Dichloropropene	8.963	75	48049	19.319	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	52911	19.903	ug/l		99
55) 1,1,2-Trichloroethane	9.140	97	31068	20.623	ug/l		99
56) Ethyl methacrylate	9.104	69	43362	18.328	ug/l		98
57) 1,3-Dichloropropane	9.293	76	55399	21.407	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.226	63	101928	97.319	ug/l		100
59) 2-Hexanone	9.415	43	128252	87.846	ug/l		100
60) Dibromochloromethane	9.506	129	37213	21.438	ug/l		97
61) 1,2-Dibromoethane	9.598	107	33204	21.639	ug/l		99
64) Tetrachloroethene	9.256	164	28329	21.918	ug/l		96
65) Chlorobenzene	10.061	112	90357	20.060	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.146	131	31346	20.167	ug/l		98
67) Ethyl Benzene	10.177	91	155443	20.001	ug/l		98
68) m/p-Xylenes	10.286	106	118146	40.842	ug/l		99
69) o-Xylene	10.628	106	55817	19.949	ug/l		99
70) Styrene	10.640	104	95886	19.558	ug/l		99
71) Bromoform	10.780	173	22879	19.713	ug/l	#	98
73) Isopropylbenzene	10.945	105	143317	18.399	ug/l		98
74) N-amyl acetate	10.829	43	56006	15.767	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	42709	18.122	ug/l		99
76) 1,2,3-Trichloropropane	11.219	75	46109	22.227	ug/l		89
77) Bromobenzene	11.183	156	36050	18.791	ug/l		97
78) n-propylbenzene	11.286	91	174677	18.970	ug/l		100
79) 2-Chlorotoluene	11.347	91	104492	18.528	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	121164	18.933	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.000	75	11723	14.411	ug/l		97
82) 4-Chlorotoluene	11.439	91	125288	18.809	ug/l		100
83) tert-Butylbenzene	11.701	119	120020	18.320	ug/l		99
84) 1,2,4-Trimethylbenzene	11.731	105	121236	18.685	ug/l		98
85) sec-Butylbenzene	11.871	105	146476	18.823	ug/l		100
86) p-Isopropyltoluene	11.993	119	125119	18.992	ug/l		100
87) 1,3-Dichlorobenzene	11.951	146	66760	18.735	ug/l		99
88) 1,4-Dichlorobenzene	12.024	146	67941	18.577	ug/l		98
89) n-Butylbenzene	12.317	91	113549	18.627	ug/l		98
90) Hexachloroethane	12.518	117	23252	20.103	ug/l		96
91) 1,2-Dichlorobenzene	12.317	146	63334	18.656	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	7858	16.469	ug/l		98
93) 1,2,4-Trichlorobenzene	13.566	180	37719	17.095	ug/l		99
94) Hexachlorobutadiene	13.707	225	14901	19.883	ug/l		96
95) Naphthalene	13.755	128	106235	15.812	ug/l		100
96) 1,2,3-Trichlorobenzene	13.938	180	36153	17.615	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048122.D
Acq On : 10 Oct 2025 18:59
Operator : JC/MD
Sample : VX1010WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Quant Time: Oct 10 22:57:26 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

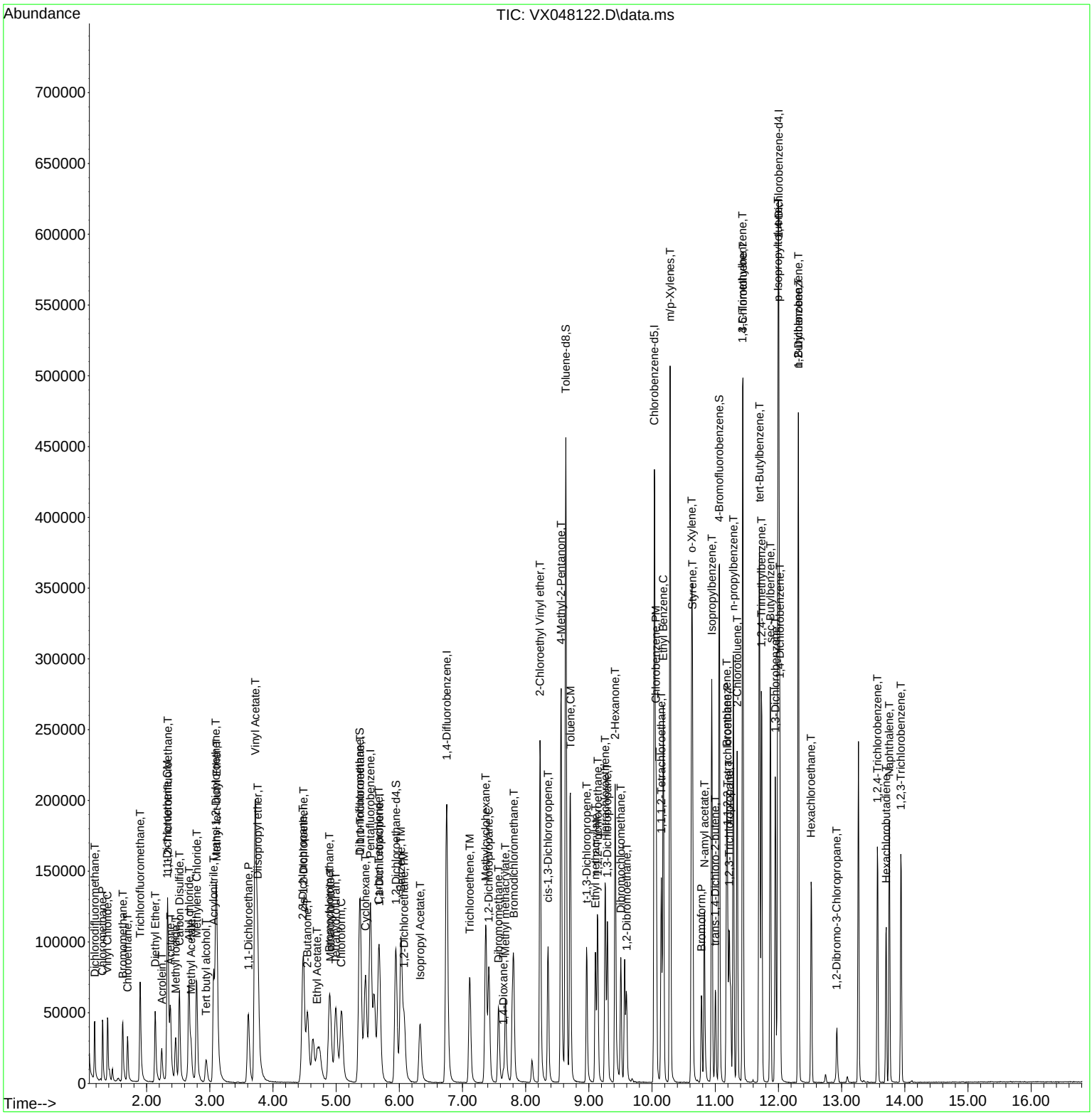
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

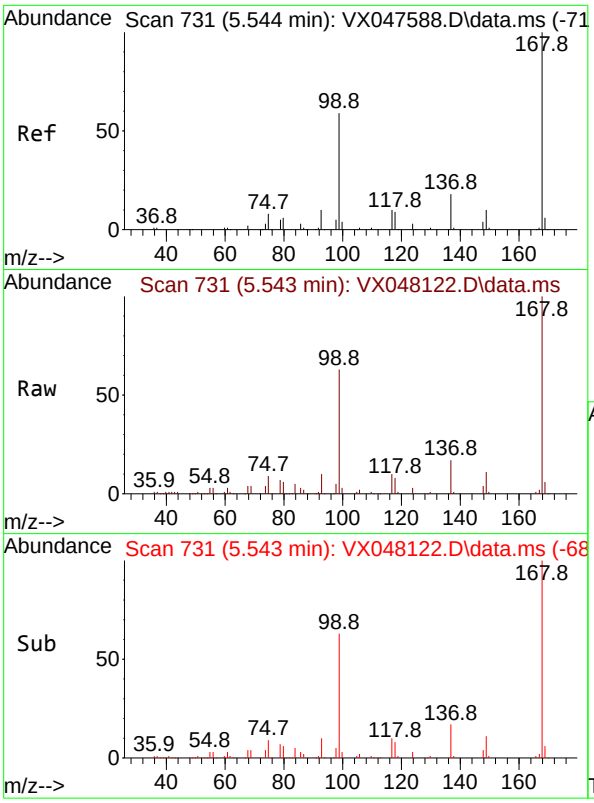
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048122.D
Acq On : 10 Oct 2025 18:59
Operator : JC/MD
Sample : VX1010WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Quant Time: Oct 10 22:57:26 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



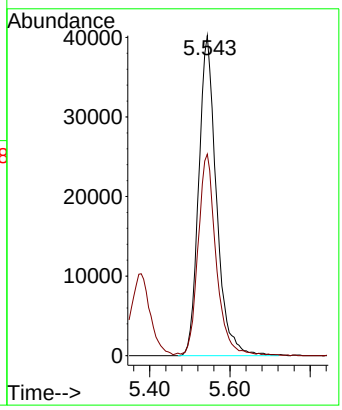


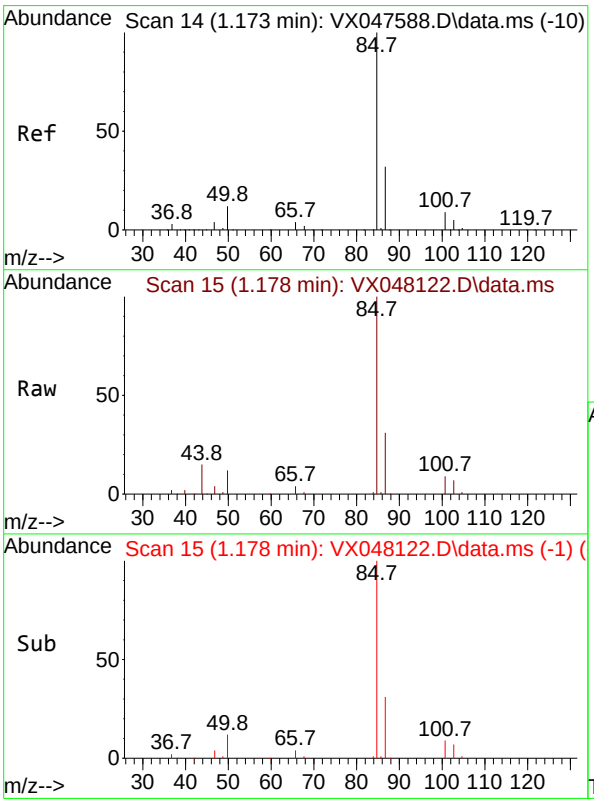
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:168 Resp: 122969

Ion	Ratio	Lower	Upper
168	100		
99	62.7	48.8	73.2

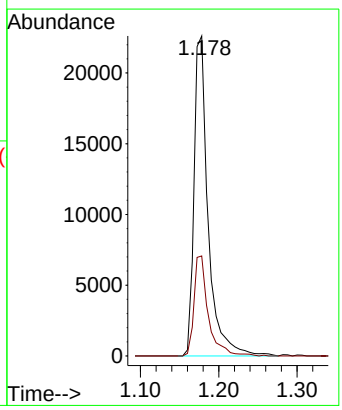


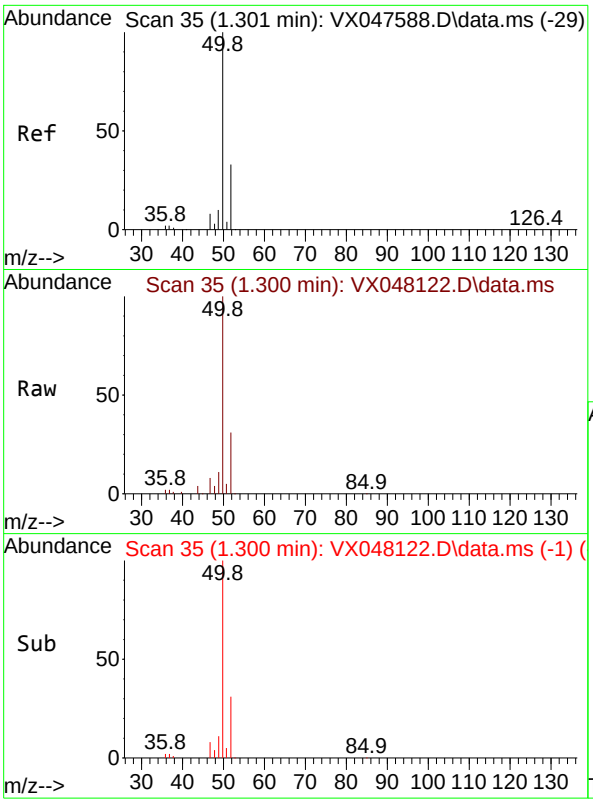


#2
Dichlorodifluoromethane
Concen: 22.293 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 85 Resp: 28387

Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.8	47.3



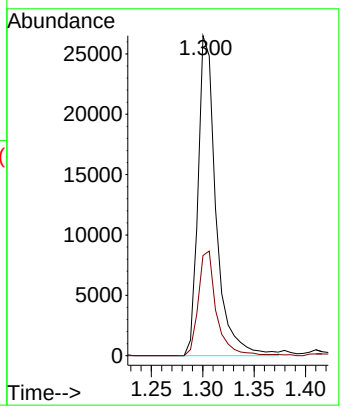


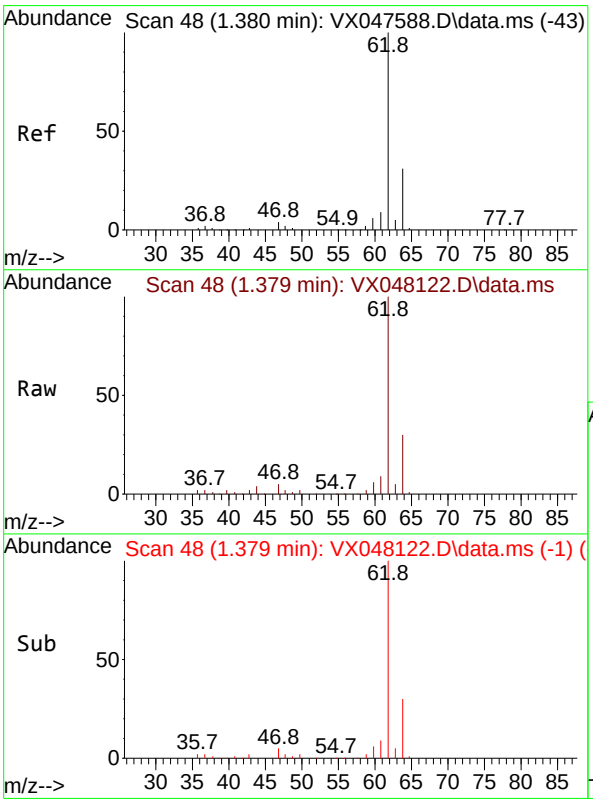
#3
Chloromethane
Concen: 19.304 ug/l
RT: 1.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 50 Resp: 32306

Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.1	39.1

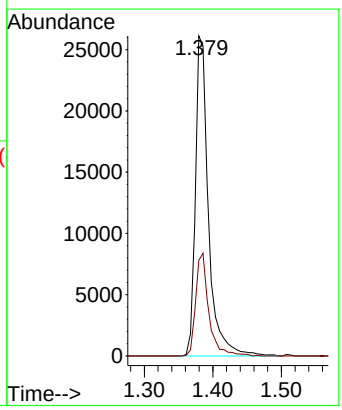


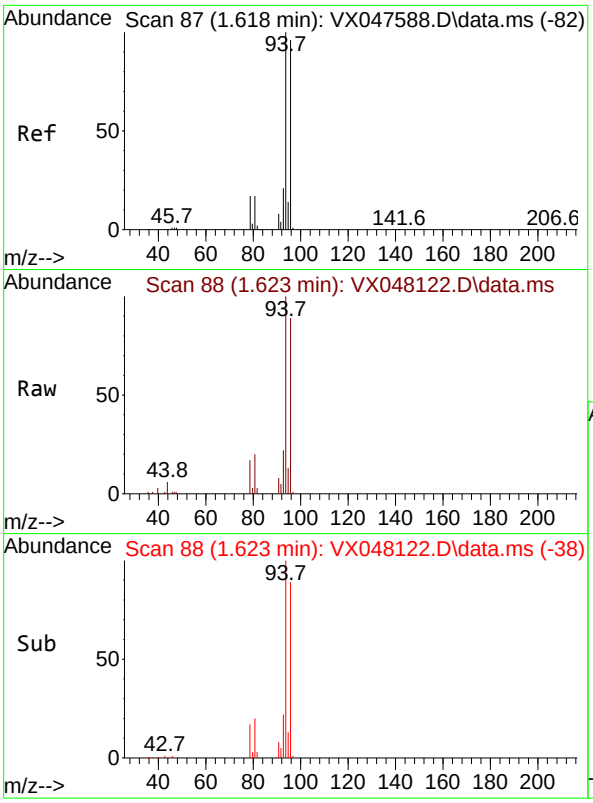


#4
Vinyl Chloride
Concen: 21.153 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 62 Resp: 34653

Ion	Ratio	Lower	Upper
62	100		
64	30.0	24.9	37.3



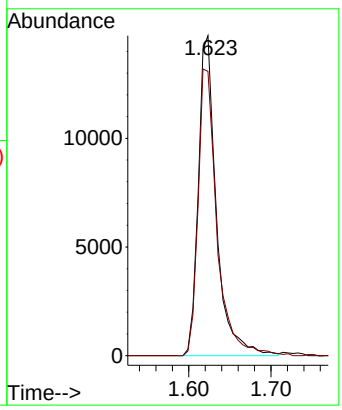


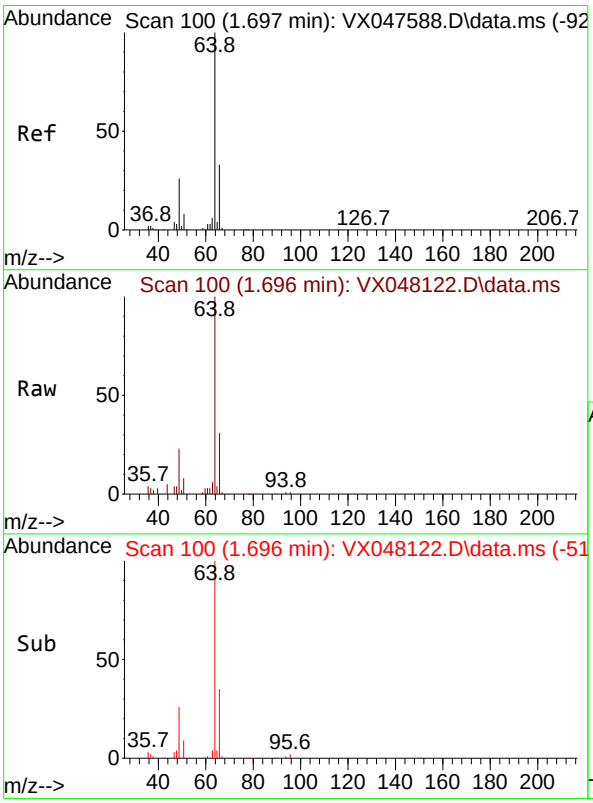
#5
Bromomethane
Concen: 21.616 ug/l
RT: 1.623 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 94 Resp: 22455

Ion	Ratio	Lower	Upper
94	100		
96	88.9	76.6	115.0

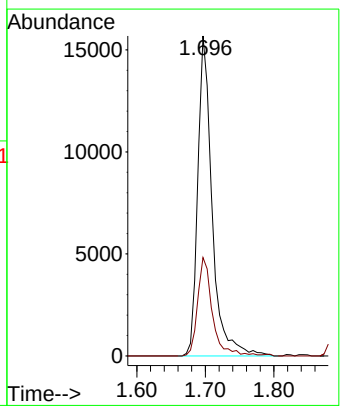


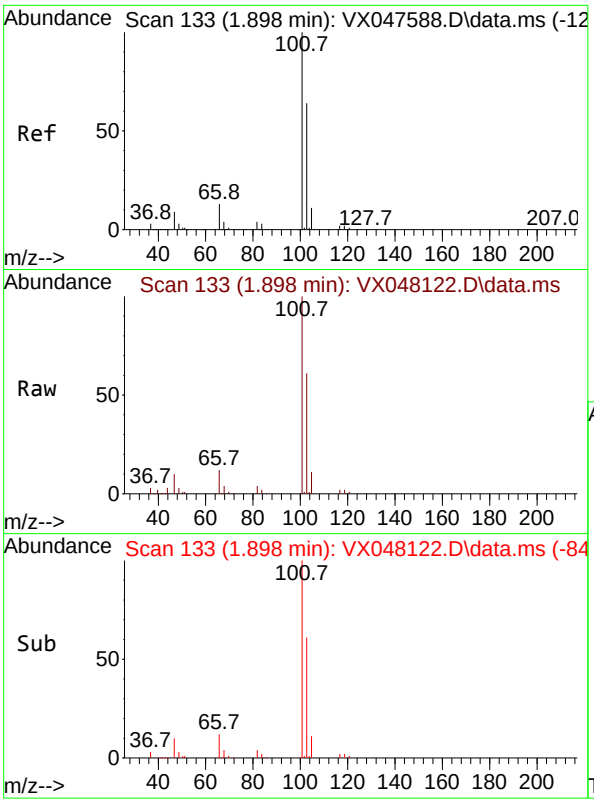


#6
Chloroethane
Concen: 20.920 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 64 Resp: 22906

Ion	Ratio	Lower	Upper
64	100		
66	30.8	26.1	39.1



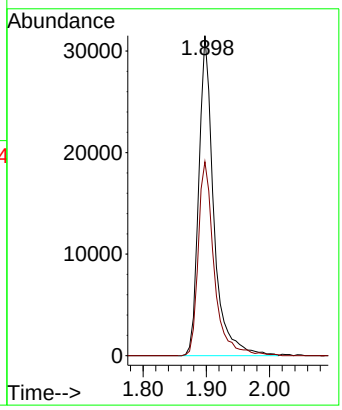


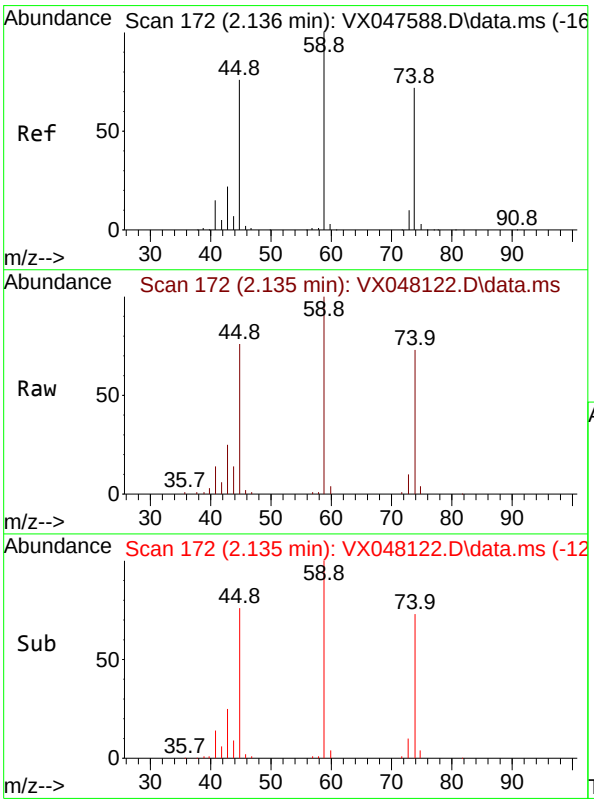
#7
Trichlorofluoromethane
Concen: 21.373 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:101 Resp: 51989

Ion	Ratio	Lower	Upper
101	100		
103	60.6	51.4	77.2

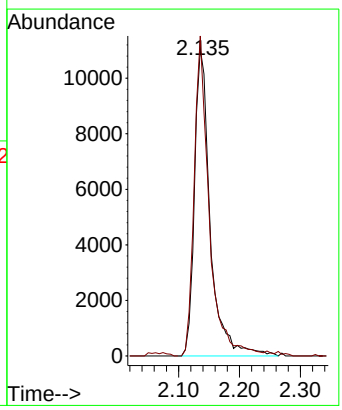


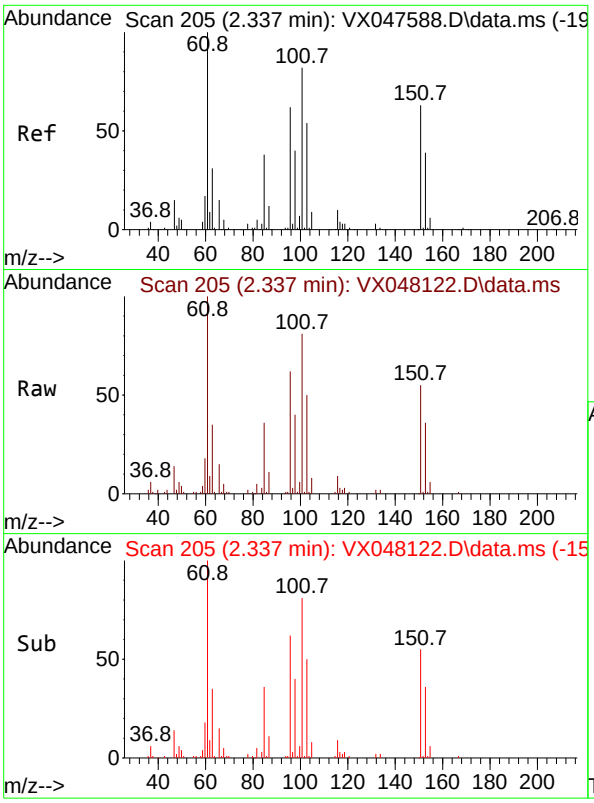


#8
Diethyl Ether
Concen: 19.947 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 74 Resp: 19848

Ion	Ratio	Lower	Upper
74	100		
45	99.1	52.3	156.8



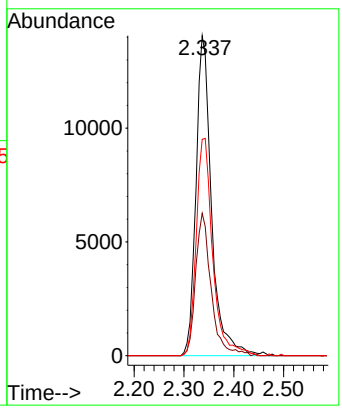


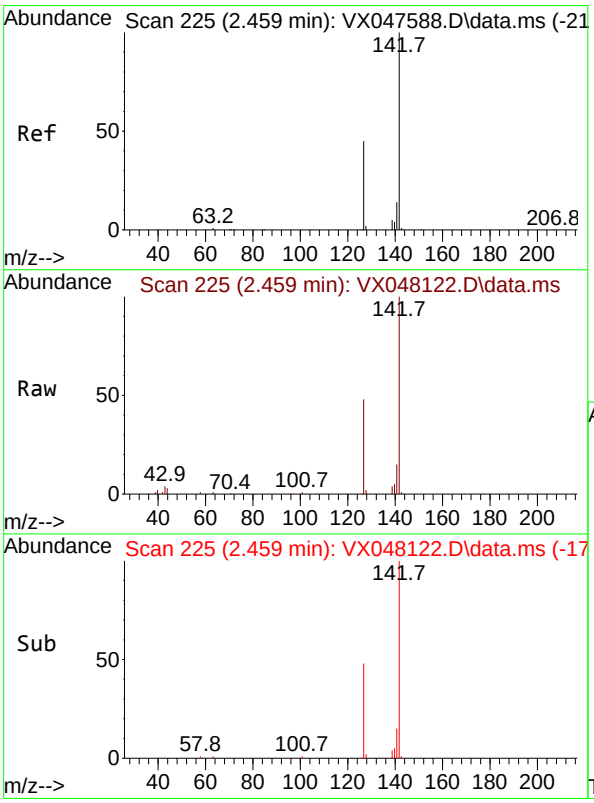
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.488 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:101 Resp: 30562

Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.5	53.3
151	71.7	59.4	89.0

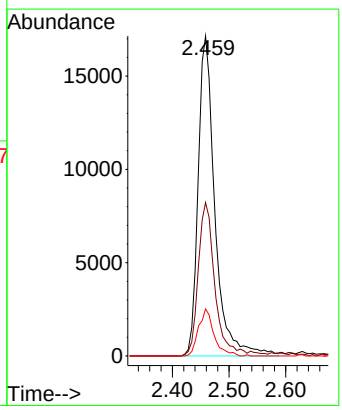


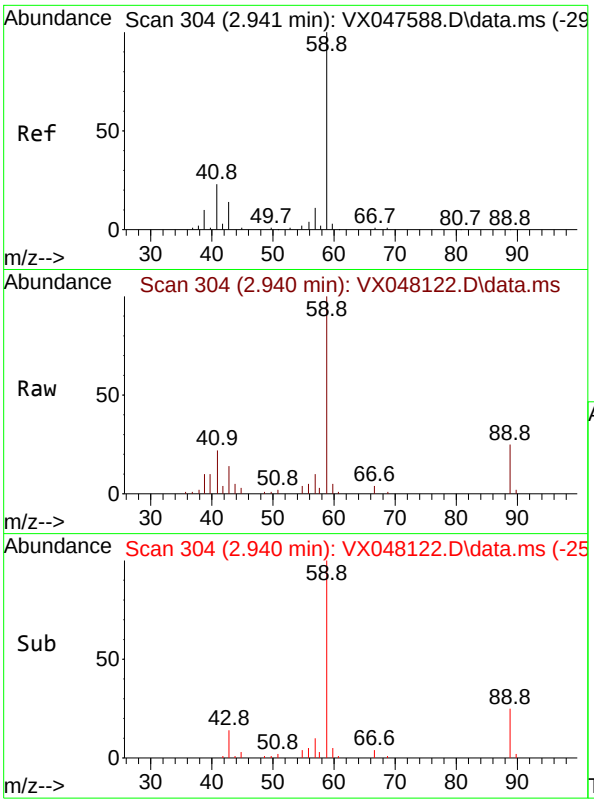


#10
Methyl Iodide
Concen: 15.903 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:142 Resp: 35276

Ion	Ratio	Lower	Upper
142	100		
127	47.0	37.2	55.8
141	13.5	11.4	17.0



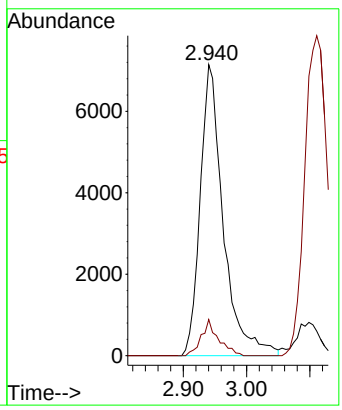


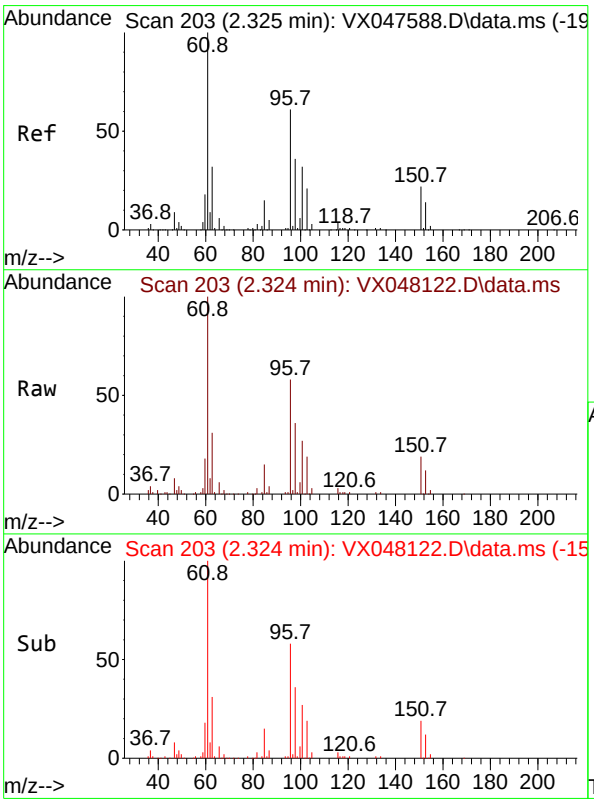
#11
Tert butyl alcohol
Concen: 83.107 ug/l
RT: 2.940 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 59 Resp: 18117

Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.3	12.5

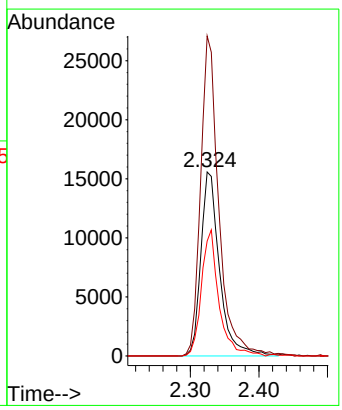


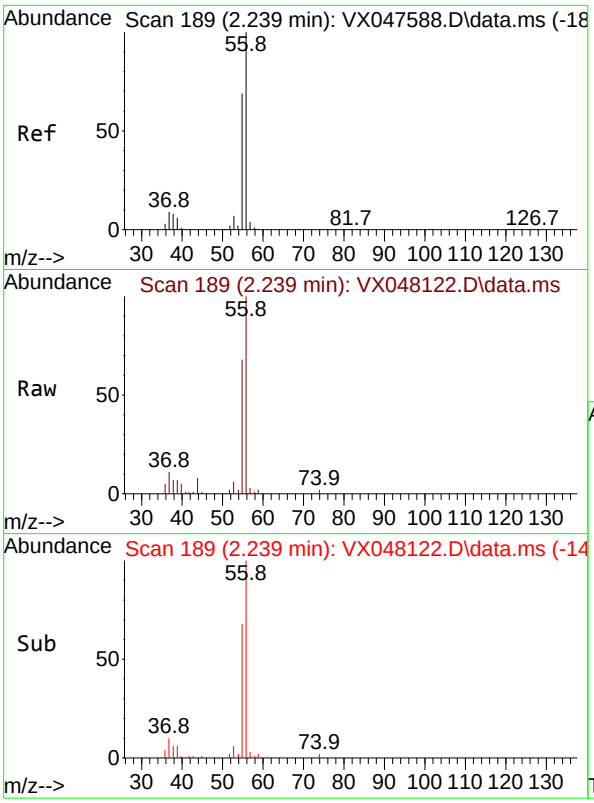


#12
1,1-Dichloroethene
Concen: 20.309 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 96 Resp: 29672

Ion	Ratio	Lower	Upper
96	100		
61	173.9	131.0	196.6
98	64.7	47.7	71.5



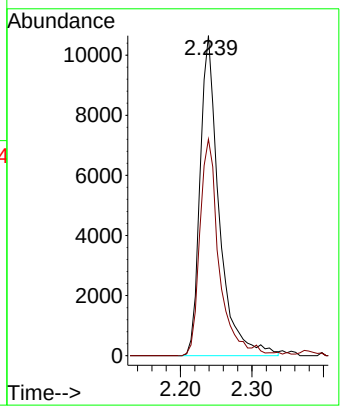


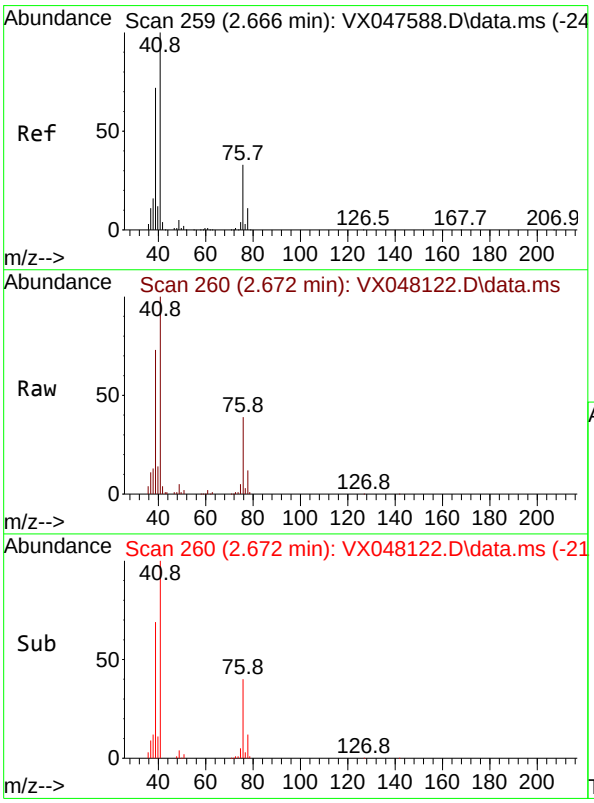
#13
Acrolein
Concen: 98.099 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 56 Resp: 19707

Ion	Ratio	Lower	Upper
56	100		
55	68.5	57.2	85.8

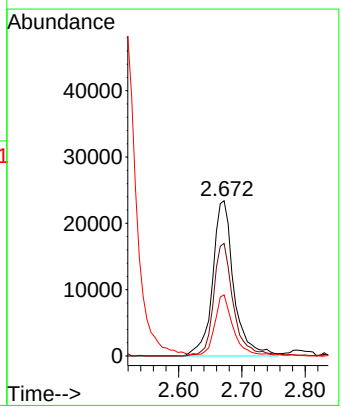


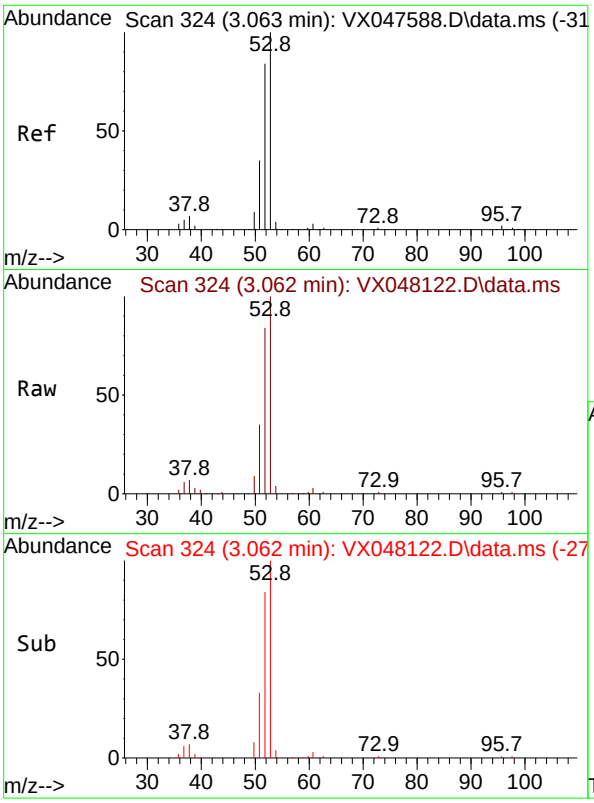


#14
Allyl chloride
Concen: 18.044 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 41 Resp: 54399

Ion	Ratio	Lower	Upper
41	100		
39	68.1	54.7	82.1
76	33.1	25.7	38.5



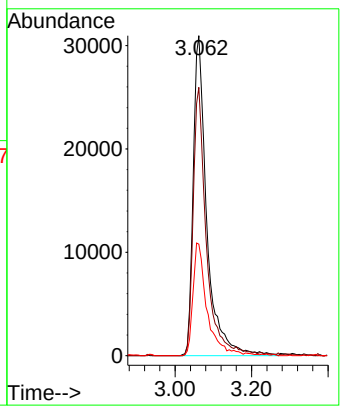


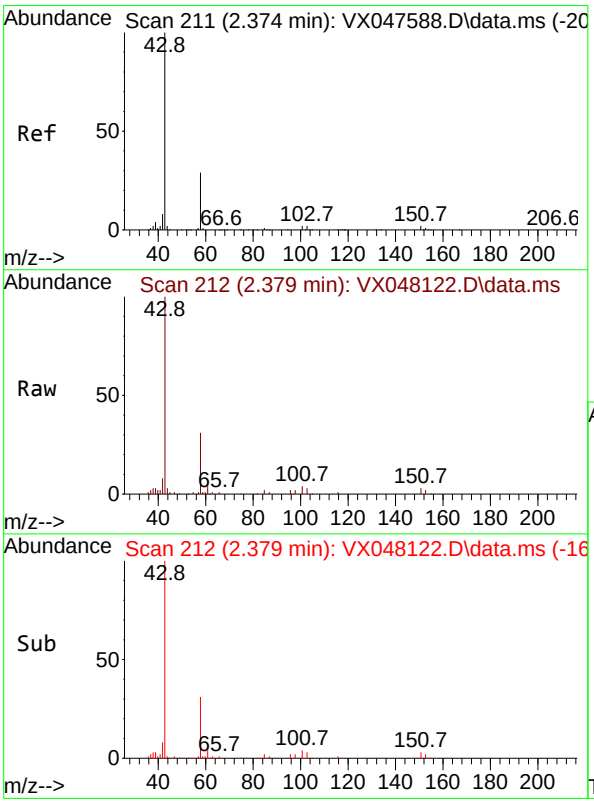
#15
Acrylonitrile
Concen: 94.685 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 53 Resp: 76456

Ion	Ratio	Lower	Upper
53	100		
52	80.7	66.4	99.6
51	36.1	29.5	44.3

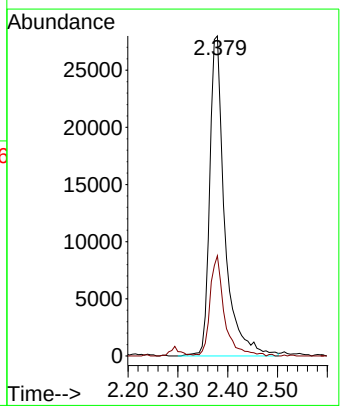


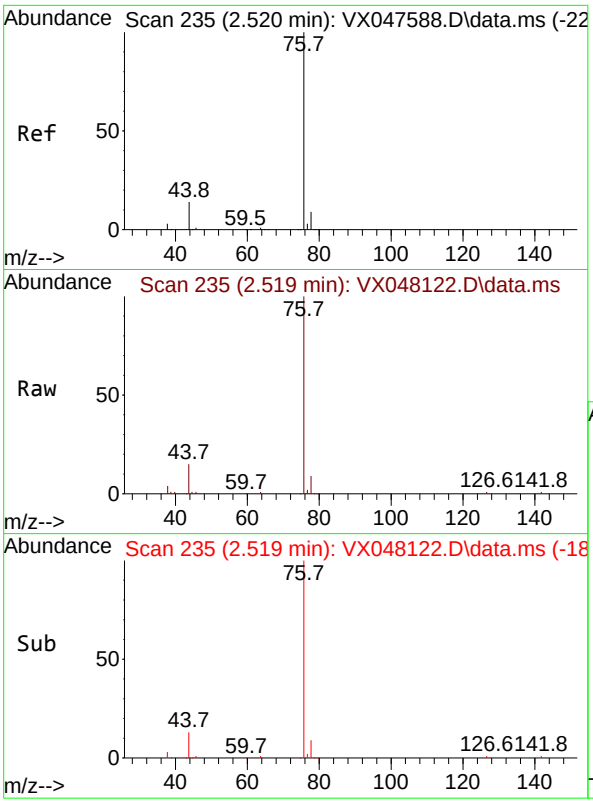


#16
Acetone
Concen: 68.768 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 58526

Ion	Ratio	Lower	Upper
43	100		
58	33.1	23.4	35.0



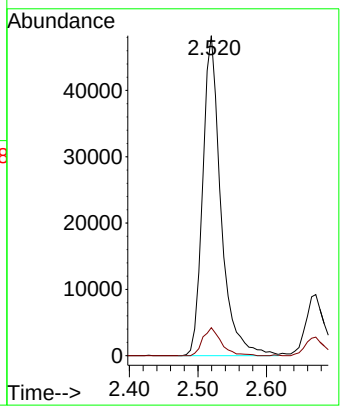


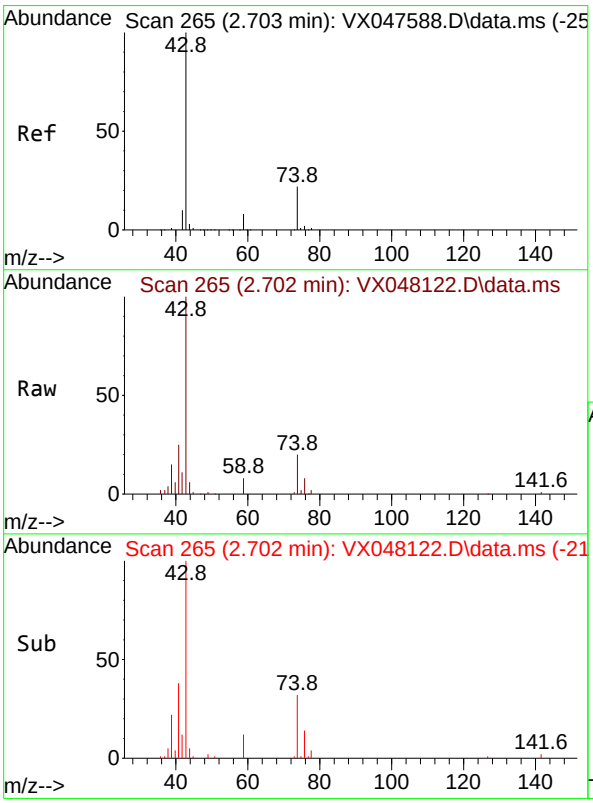
#17
Carbon Disulfide
Concen: 22.309 ug/l
RT: 2.519 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 76 Resp: 89228

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2

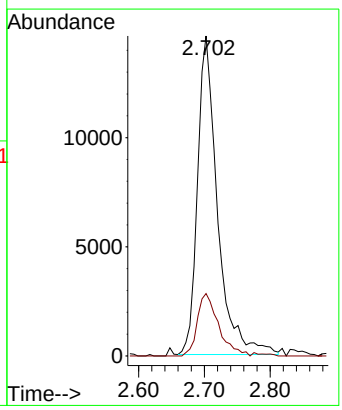


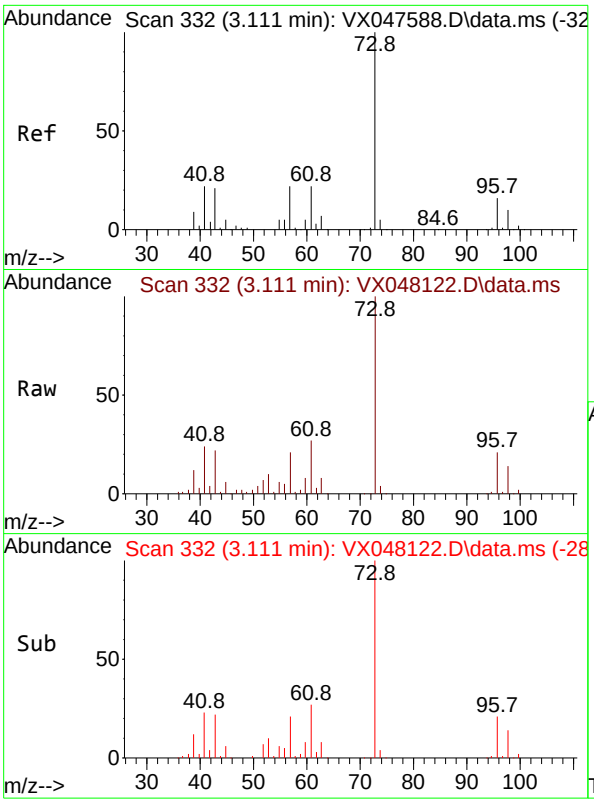


#18
Methyl Acetate
Concen: 16.250 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 30779

Ion	Ratio	Lower	Upper
43	100		
74	20.8	17.4	26.2



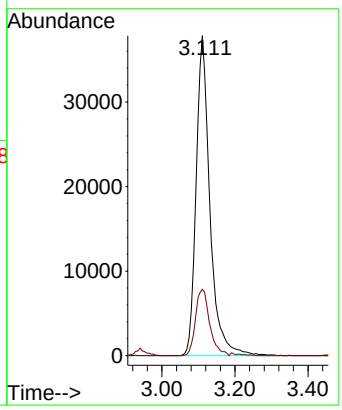


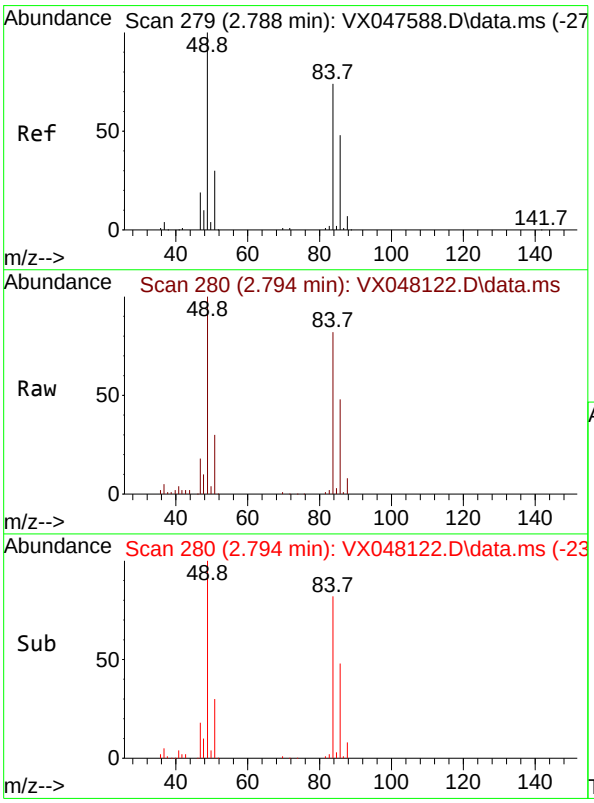
#19
Methyl tert-butyl Ether
Concen: 18.640 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 73 Resp: 99412

Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.4	26.2

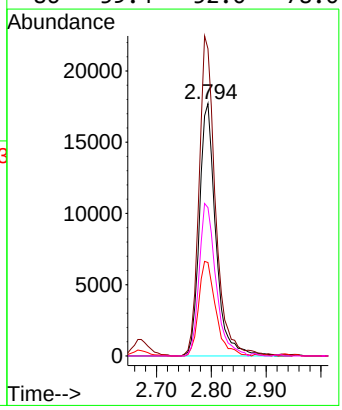


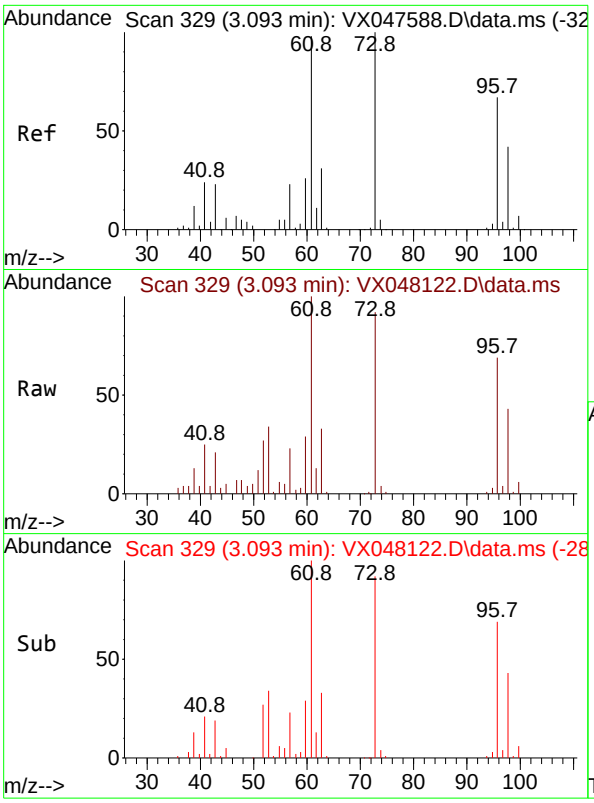


#20
Methylene Chloride
Concen: 20.408 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 84 Resp: 36764

Ion	Ratio	Lower	Upper
84	100		
49	121.7	108.6	162.8
51	37.0	32.6	48.8
86	59.4	52.0	78.0



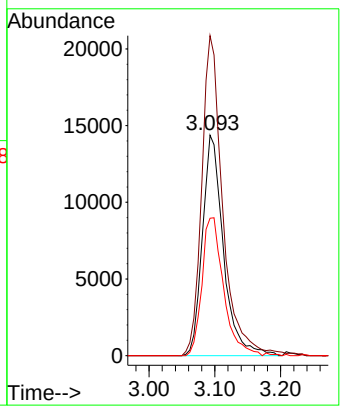


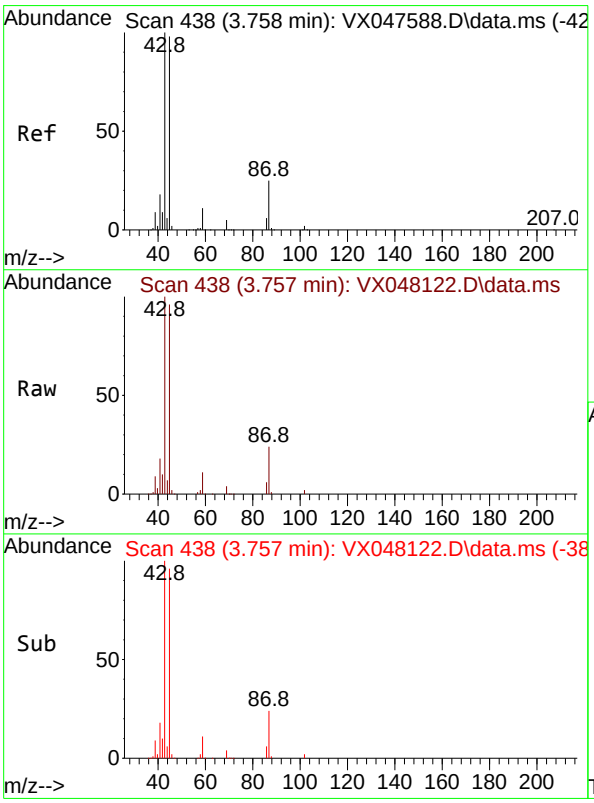
#21
trans-1,2-Dichloroethene
Concen: 20.251 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 96 Resp: 31853

Ion	Ratio	Lower	Upper
96	100		
61	145.2	116.2	174.2
98	62.3	49.3	73.9

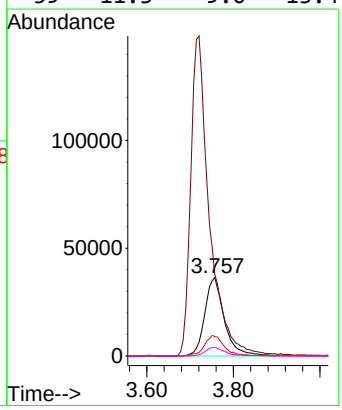


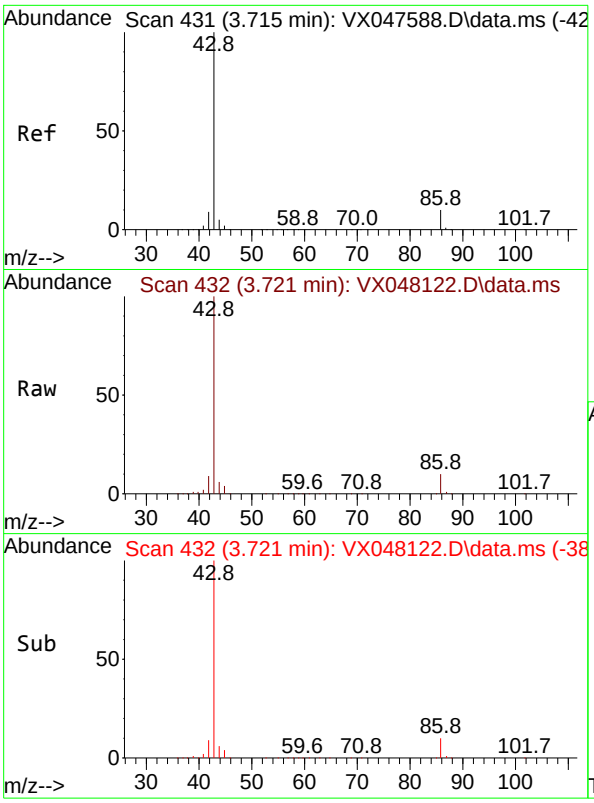


#22
Diisopropyl ether
Concen: 19.485 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 45 Resp: 113845

Ion	Ratio	Lower	Upper
45	100		
43	102.4	81.0	121.4
87	24.7	20.3	30.5
59	11.3	9.0	13.4



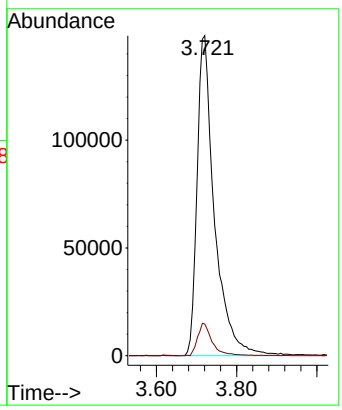


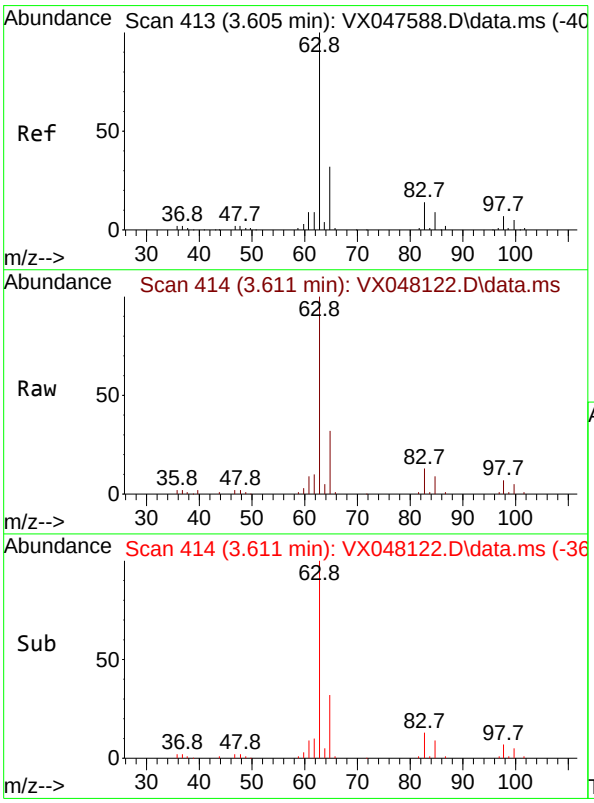
#23
Vinyl Acetate
Concen: 95.352 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 43 Resp: 445892

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.8	11.8

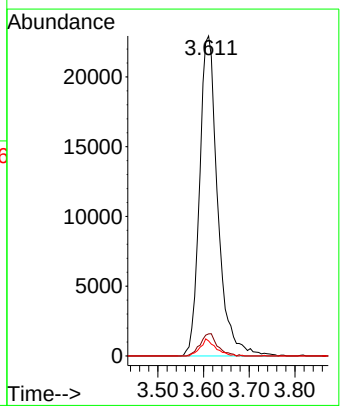


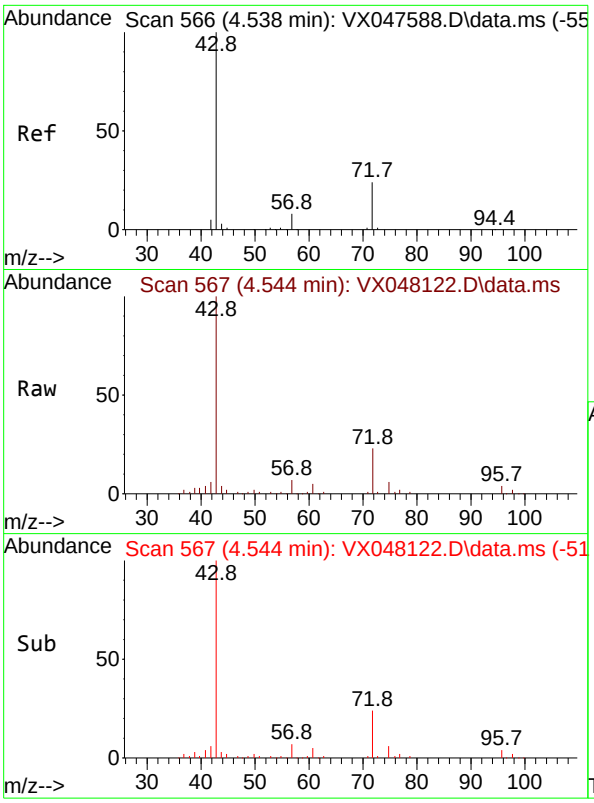


#24
1,1-Dichloroethane
Concen: 20.347 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 63 Resp: 63188

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.8	11.2
100	4.7	2.3	6.9



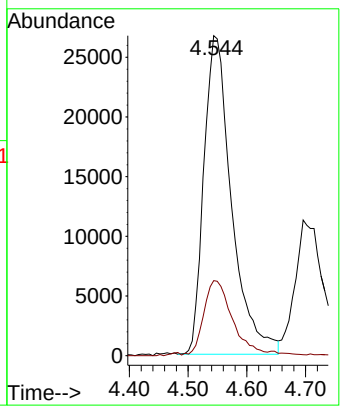


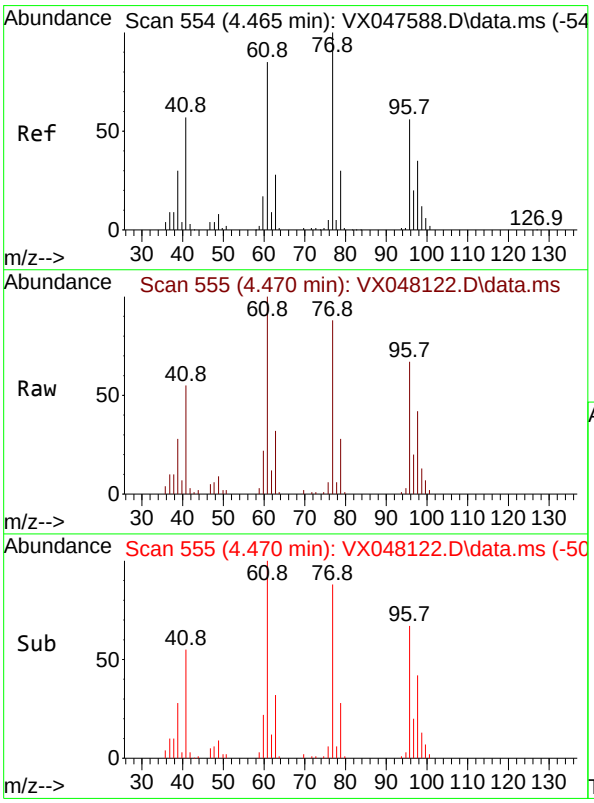
#25
2-Butanone
Concen: 82.447 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 43 Resp: 87525

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.1	30.1

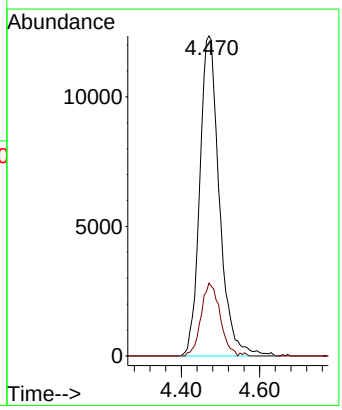


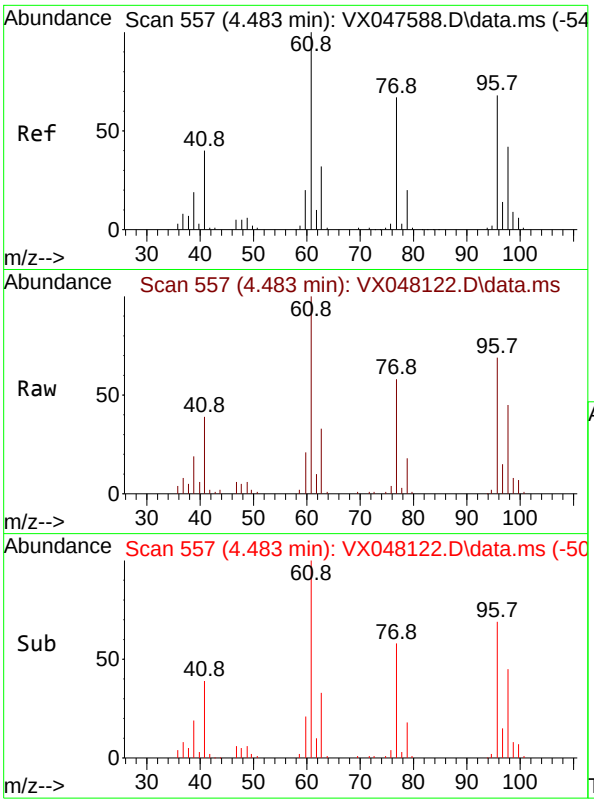


#26
2,2-Dichloropropane
Concen: 16.634 ug/l
RT: 4.470 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 77 Resp: 42939

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7



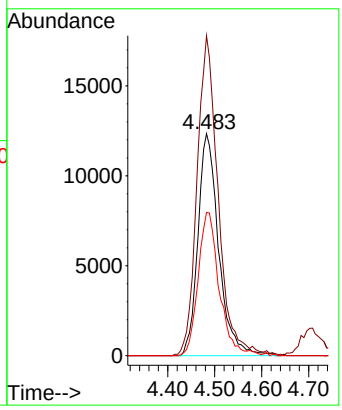


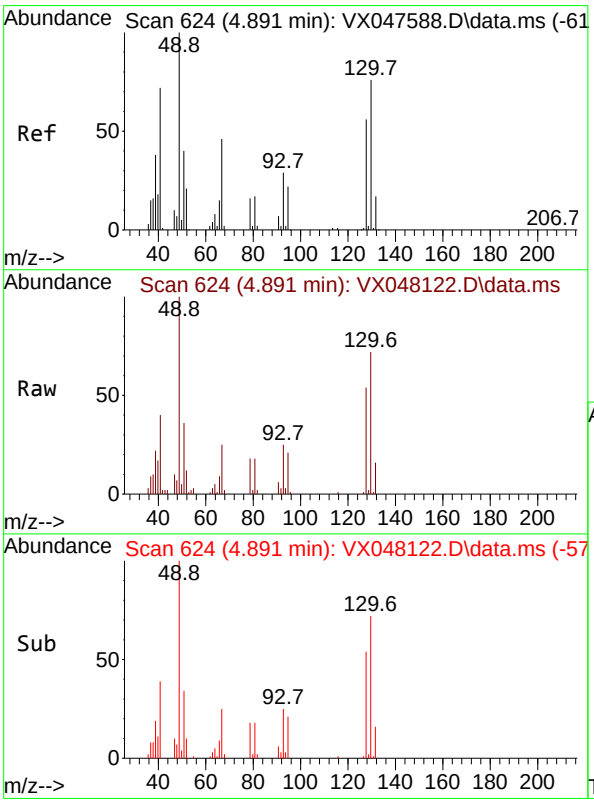
#27
cis-1,2-Dichloroethene
Concen: 19.658 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 96 Resp: 37868

Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	303.2
98	65.6	0.0	127.8

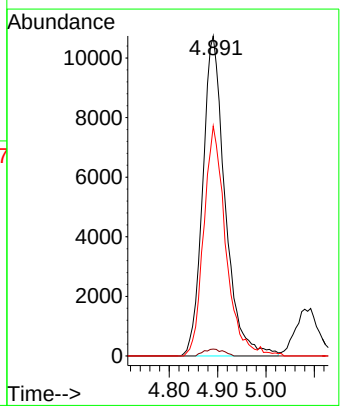


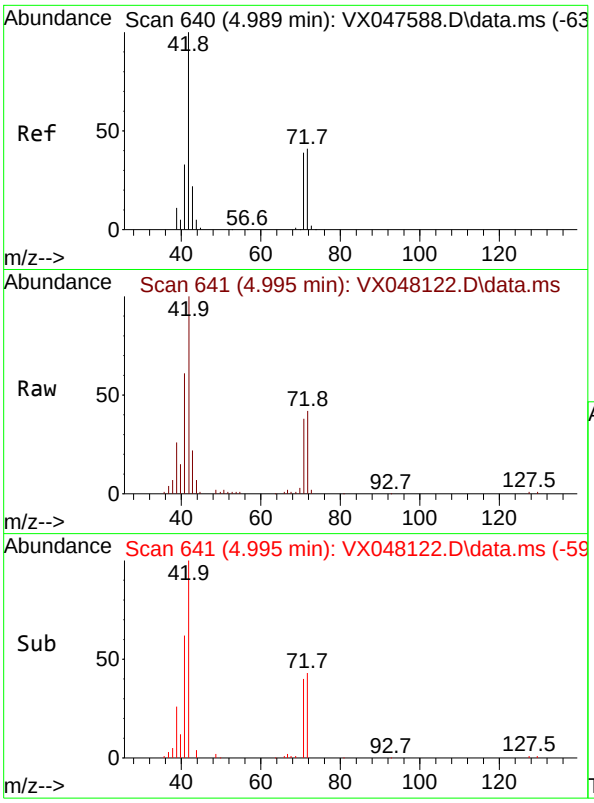


#28
Bromochloromethane
Concen: 25.432 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 49 Resp: 34479

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.2
130	70.8	57.8	86.8



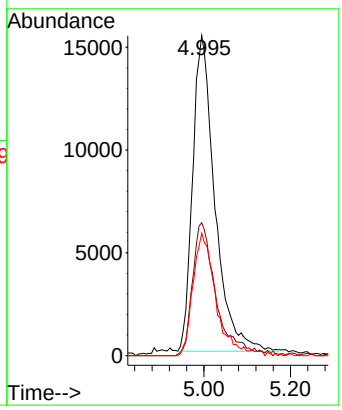


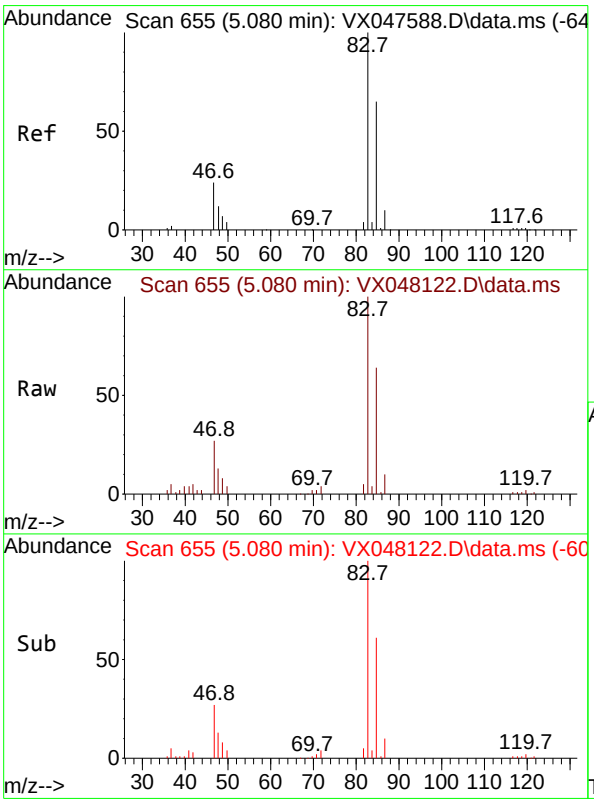
#29
Tetrahydrofuran
Concen: 85.585 ug/l
RT: 4.995 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 42 Resp: 54657

Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.2	51.2
71	39.1	31.9	47.9

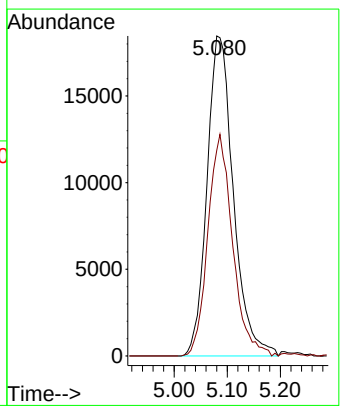


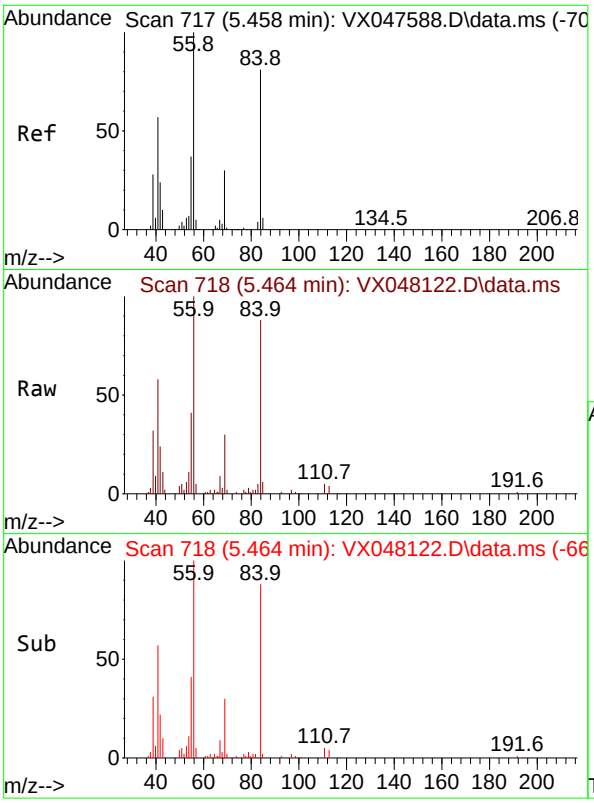


#30
Chloroform
Concen: 20.336 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 83 Resp: 63817

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6



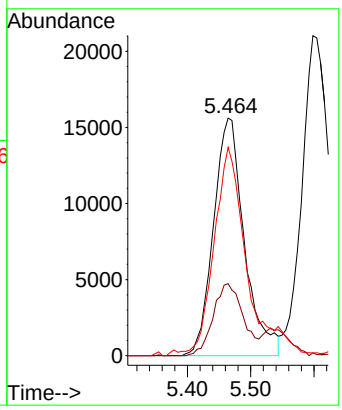


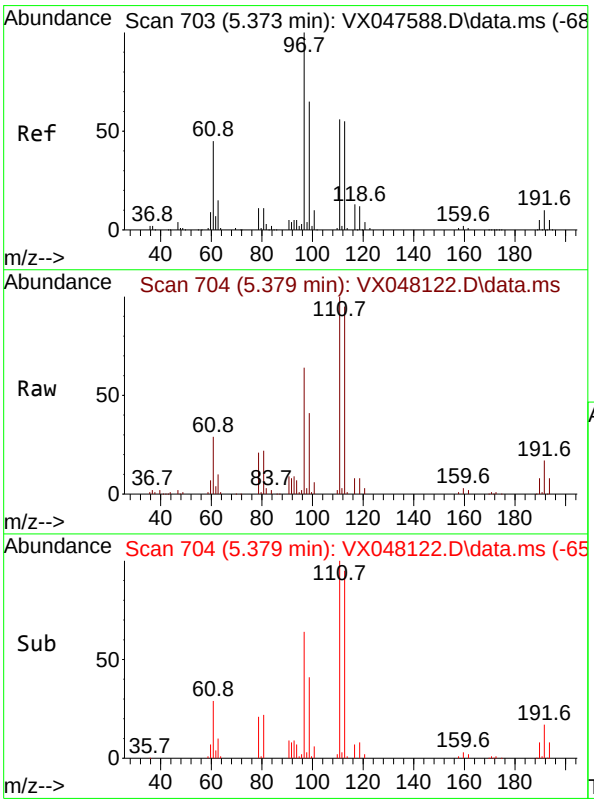
#31
Cyclohexane
Concen: 20.420 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 56 Resp: 52815

Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.8	35.8
84	86.3	64.6	97.0

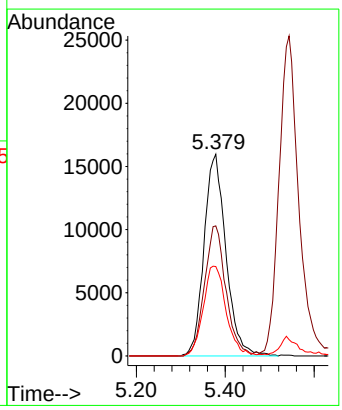


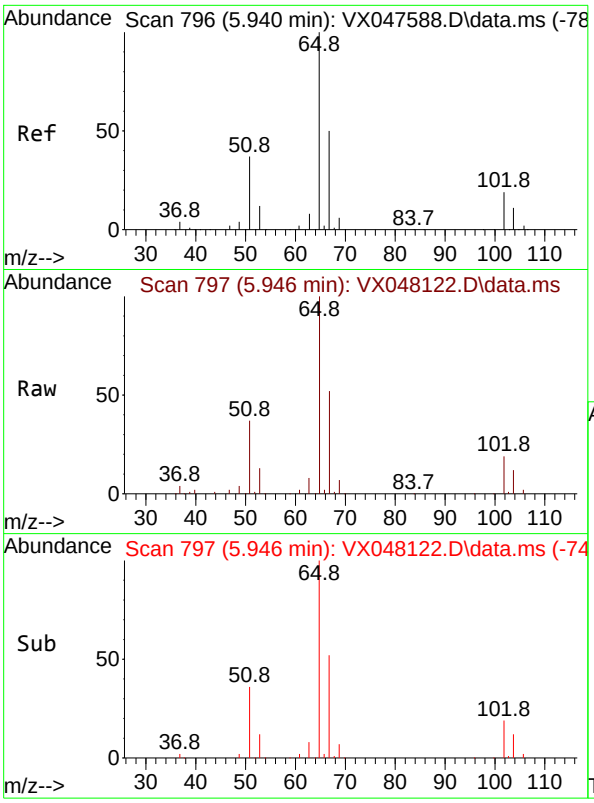


#32
1,1,1-Trichloroethane
Concen: 20.576 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 97 Resp: 54770

Ion	Ratio	Lower	Upper
97	100		
99	62.8	50.6	76.0
61	46.4	35.8	53.8



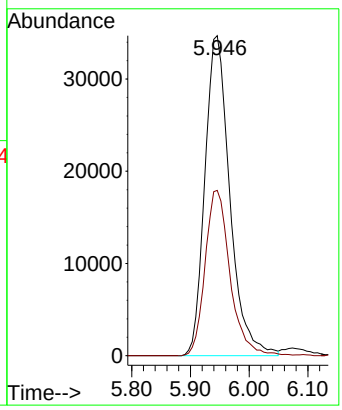


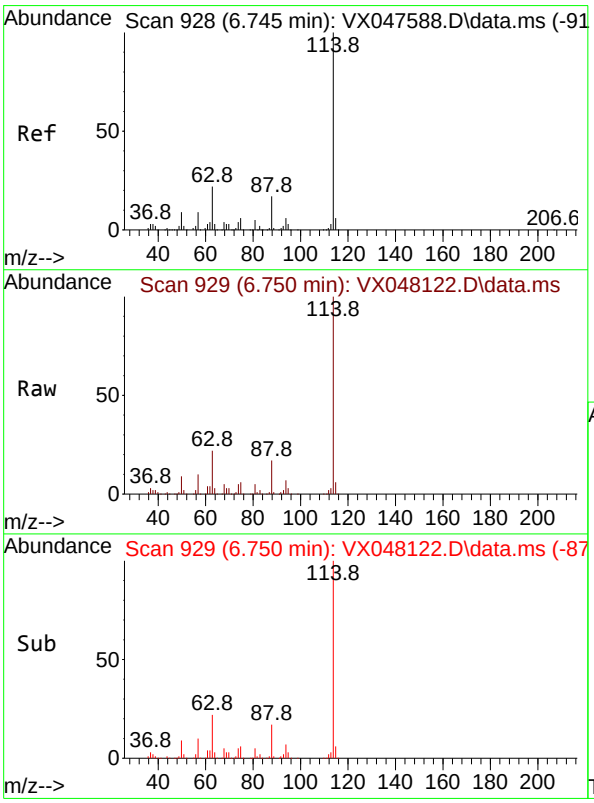
#33
1,2-Dichloroethane-d4
Concen: 52.257 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 65 Resp: 102286

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.0

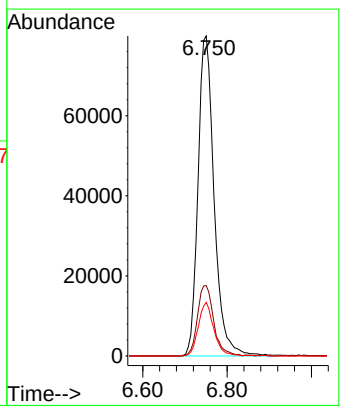


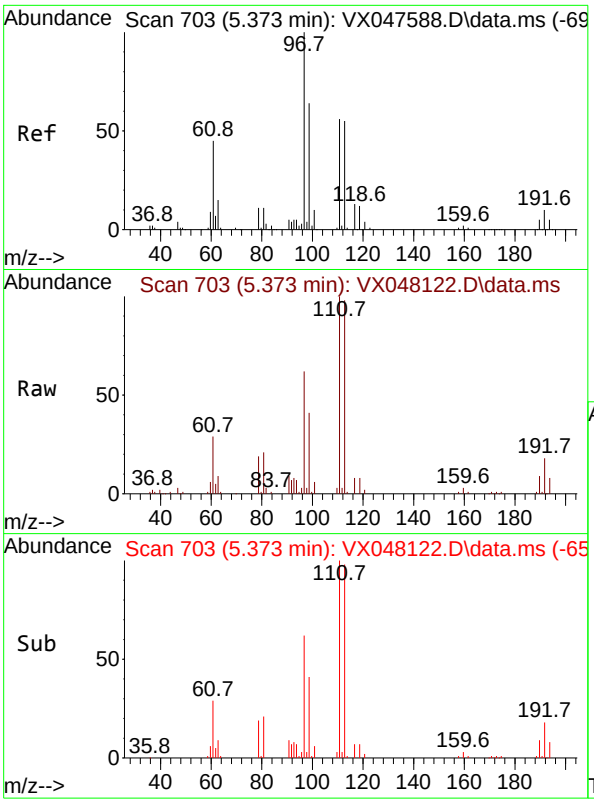


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:114 Resp: 213051

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	16.7	0.0	34.2



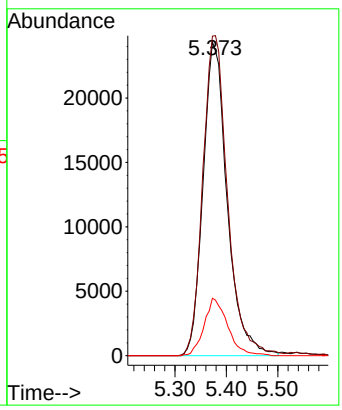


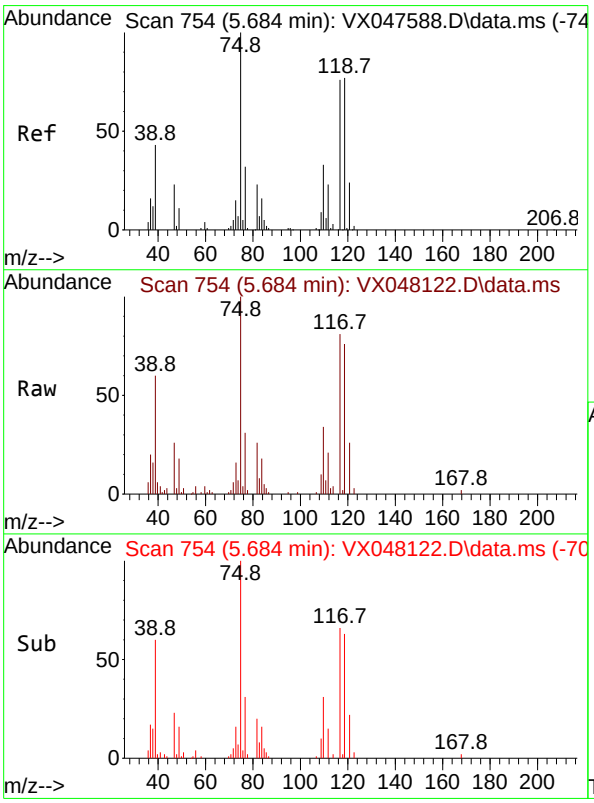
#35
Dibromofluoromethane
Concen: 55.627 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:113 Resp: 79482

Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.9	121.3
192	17.9	14.2	21.4

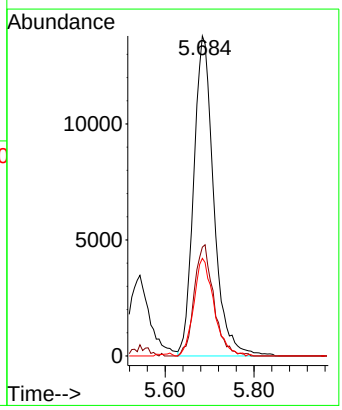


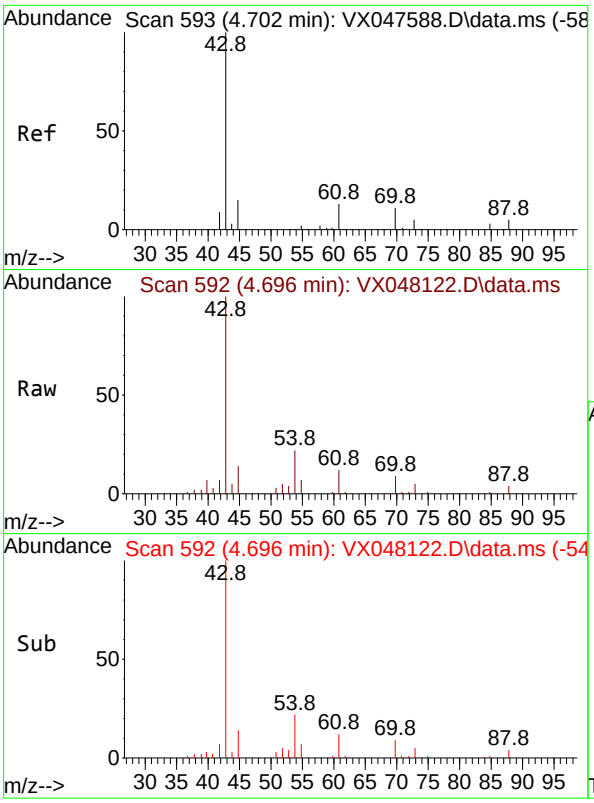


#36
1,1-Dichloropropene
Concen: 20.745 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 75 Resp: 43313

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.7	50.1
77	30.7	24.3	36.5



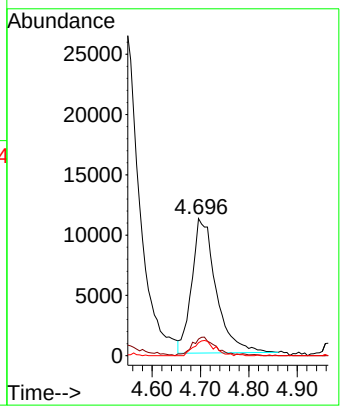


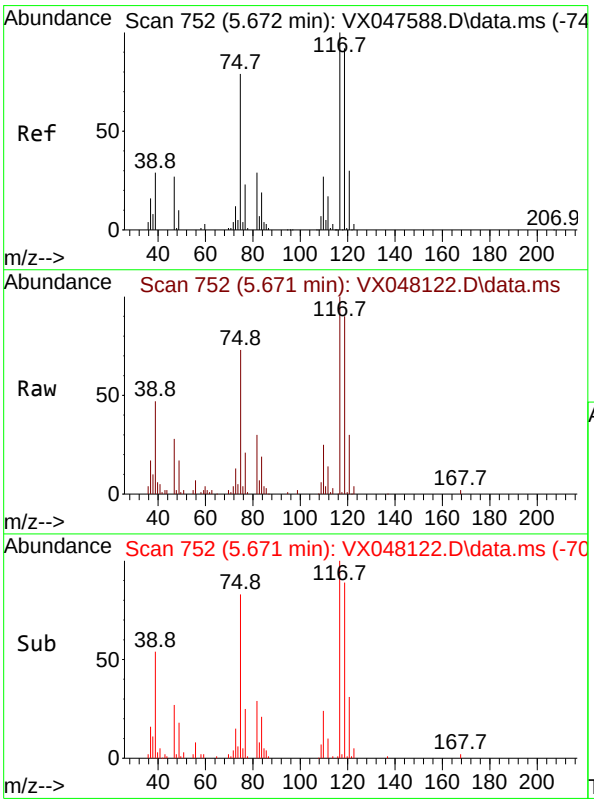
#37
Ethyl Acetate
Concen: 17.362 ug/l
RT: 4.696 min Scan# 5
Delta R.T. -0.007 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 43 Resp: 38813

Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.8	14.8
70	9.7	7.9	11.9

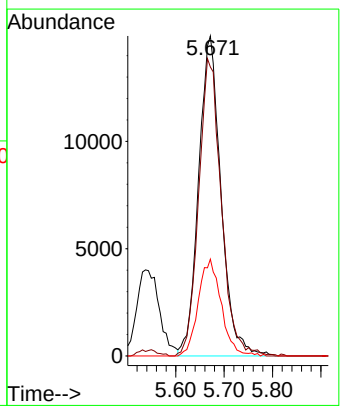


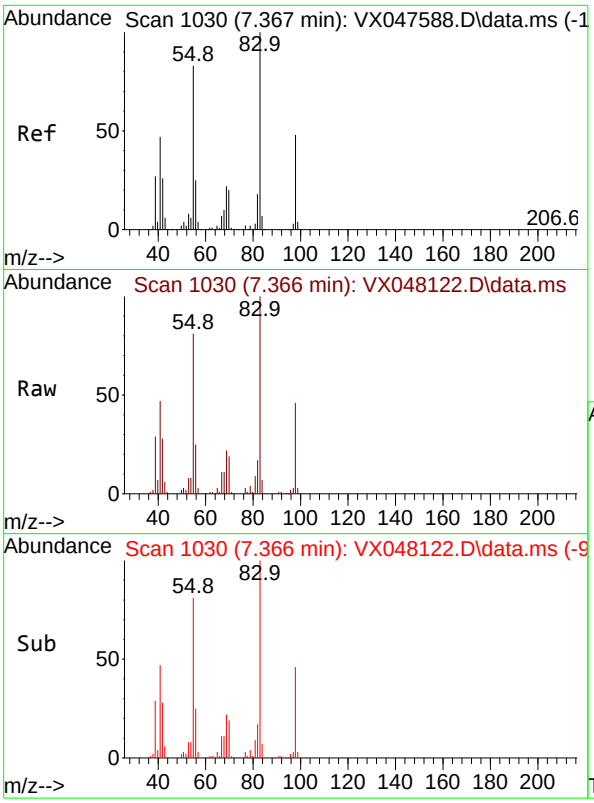


#38
Carbon Tetrachloride
Concen: 21.138 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:117 Resp: 47951

Ion	Ratio	Lower	Upper
117	100		
119	90.3	73.4	110.2
121	30.3	23.8	35.6



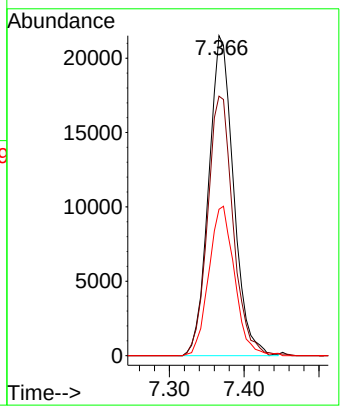


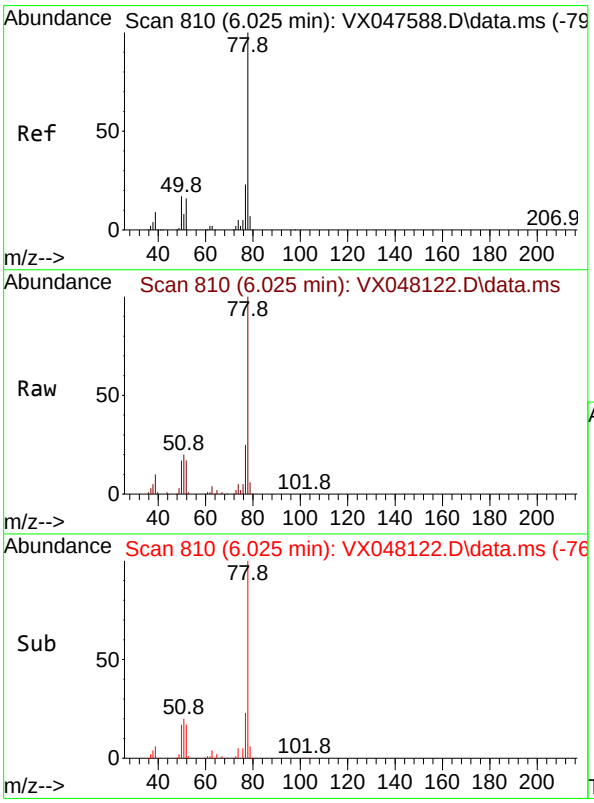
#39
Methylcyclohexane
Concen: 21.000 ug/l
RT: 7.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 83 Resp: 49771

Ion	Ratio	Lower	Upper
83	100		
55	81.1	66.4	99.6
98	45.8	38.1	57.1

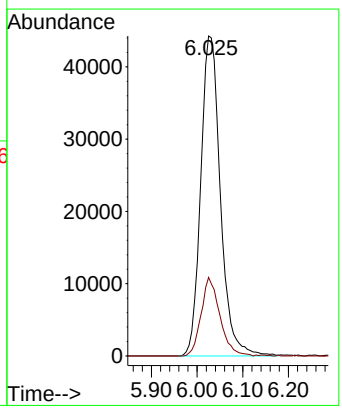


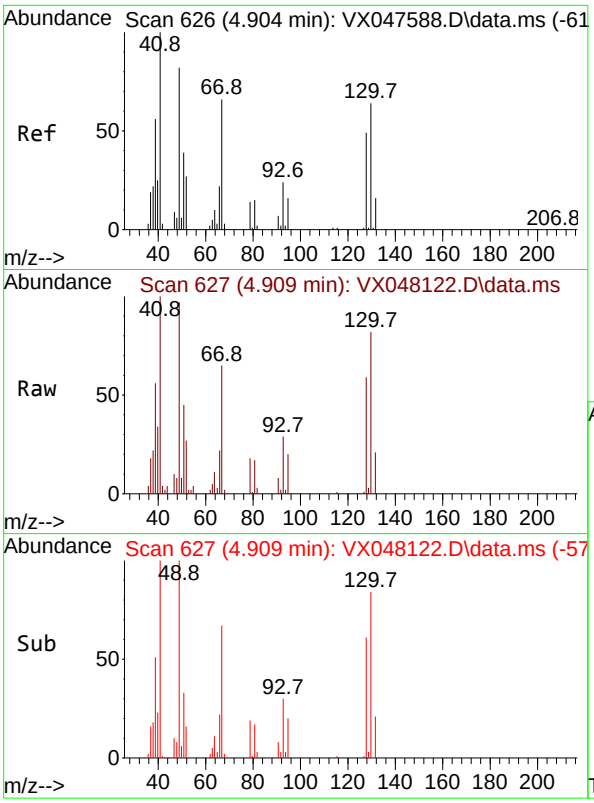


#40
Benzene
Concen: 20.851 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 78 Resp: 132225

Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2



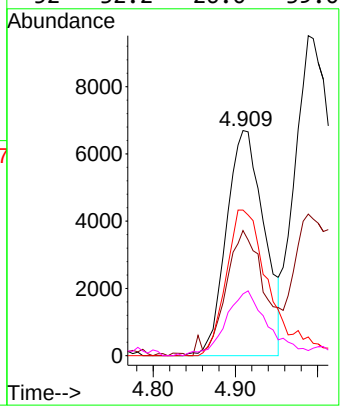


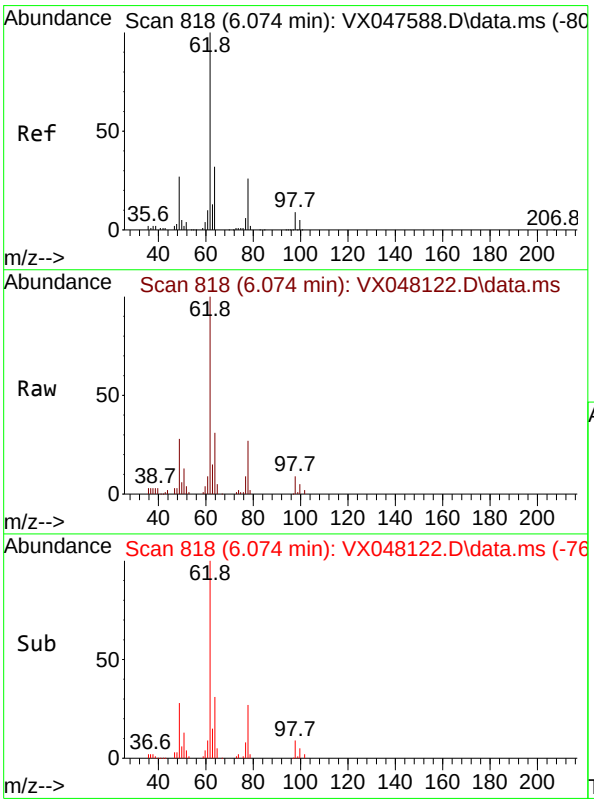
#41
Methacrylonitrile
Concen: 18.487 ug/l
RT: 4.909 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 41 Resp: 21336

Ion	Ratio	Lower	Upper
41	100		
39	54.8	43.3	64.9
67	74.5	58.6	87.8
52	32.2	26.0	39.0

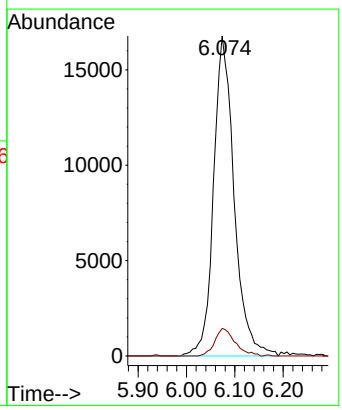


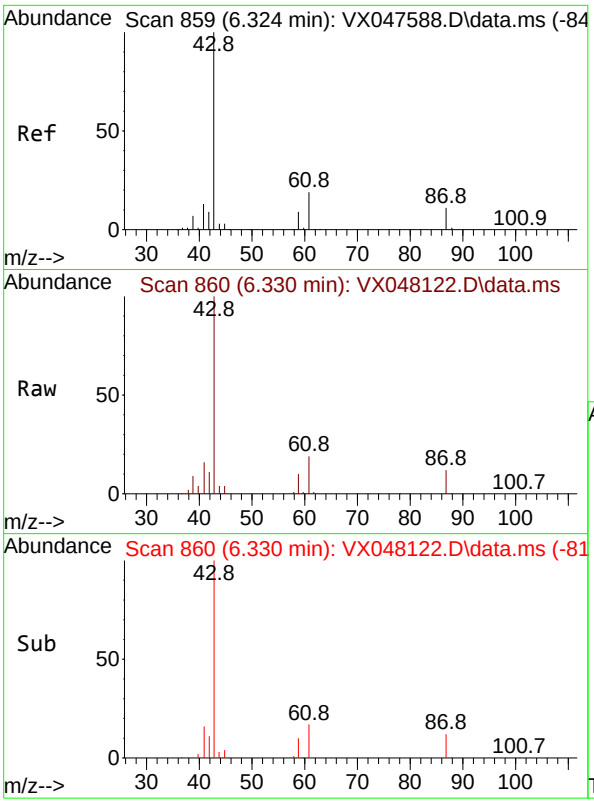


#42
1,2-Dichloroethane
Concen: 20.543 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 62 Resp: 49566

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0



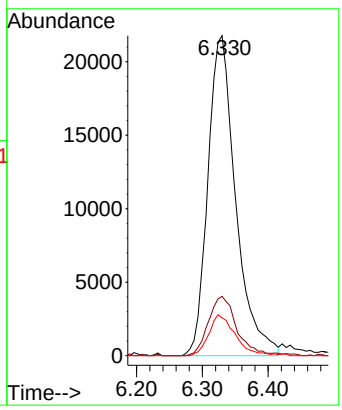


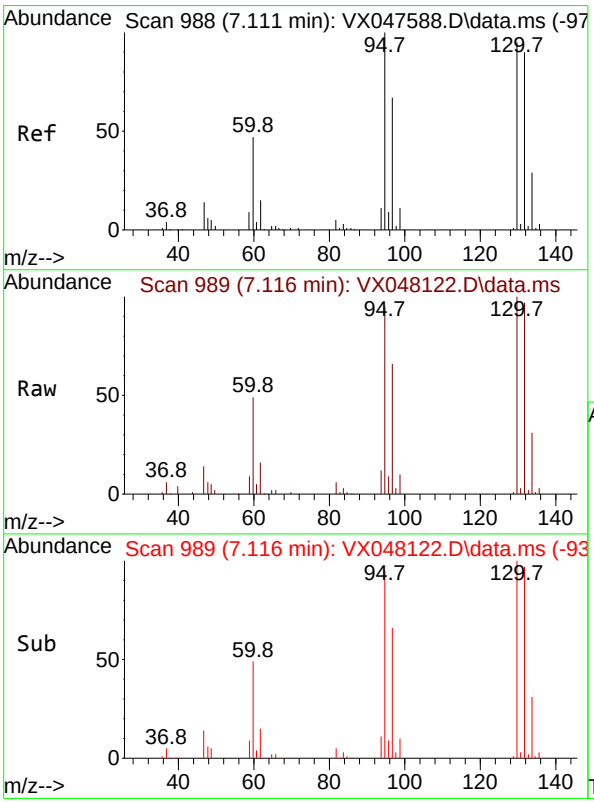
#43
Isopropyl Acetate
Concen: 17.488 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 43 Resp: 64119

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	12.3	9.6	14.4

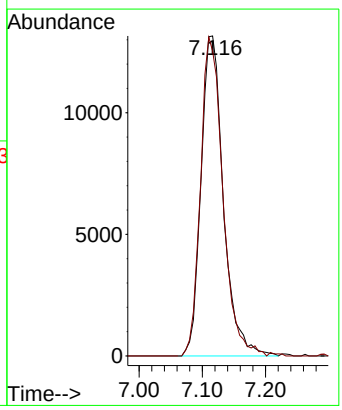


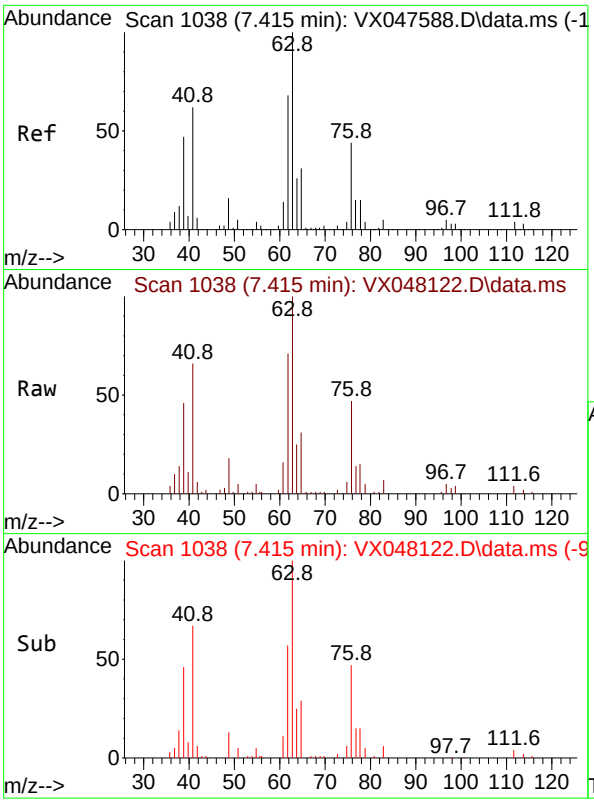


#44
Trichloroethene
Concen: 21.116 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:130 Resp: 32373

Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	210.8



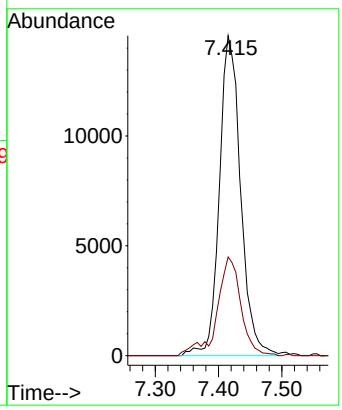


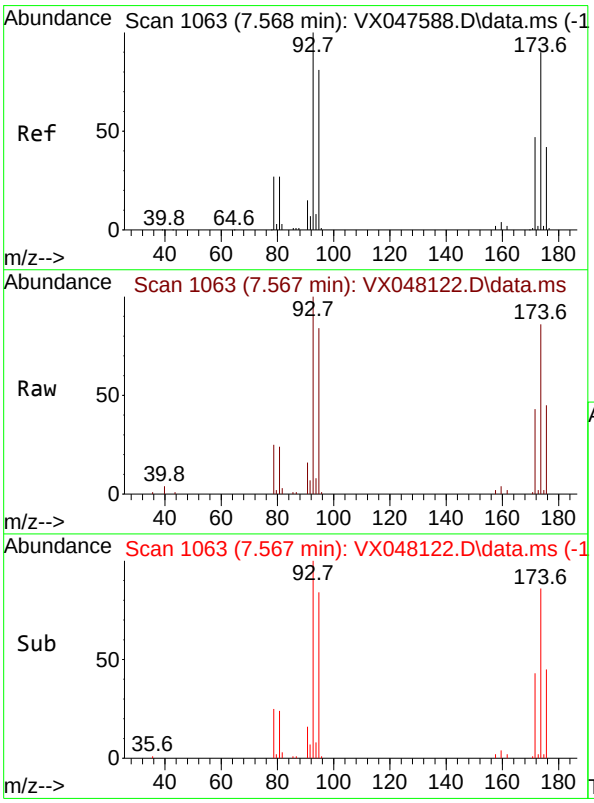
#45
1,2-Dichloropropane
Concen: 20.886 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 63 Resp: 33915

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

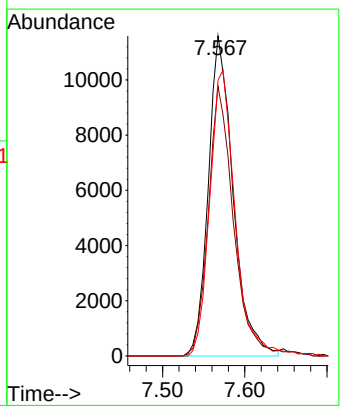


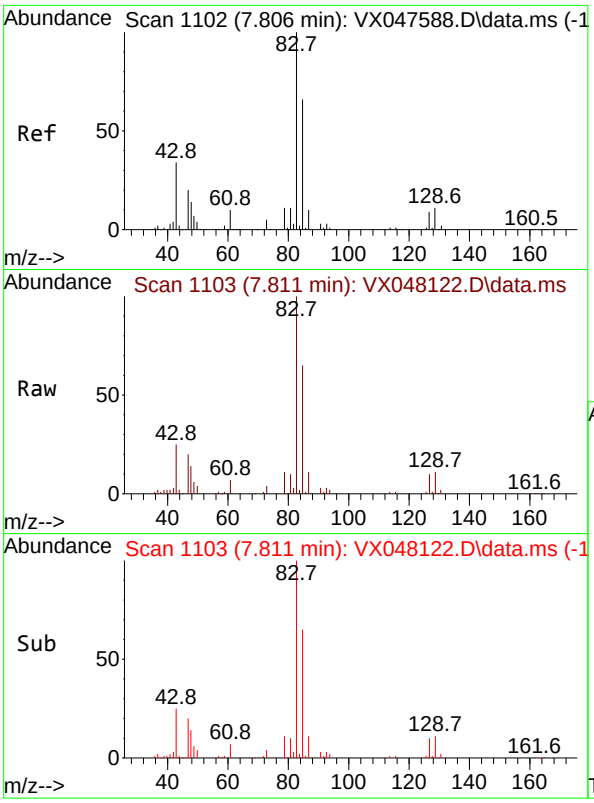


#46
Dibromomethane
Concen: 20.597 ug/l
RT: 7.567 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 93 Resp: 24338

Ion	Ratio	Lower	Upper
93	100		
95	86.0	65.0	97.6
174	91.7	71.6	107.4



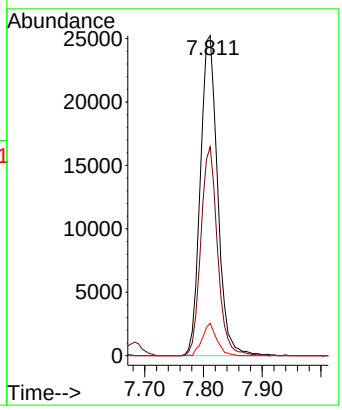


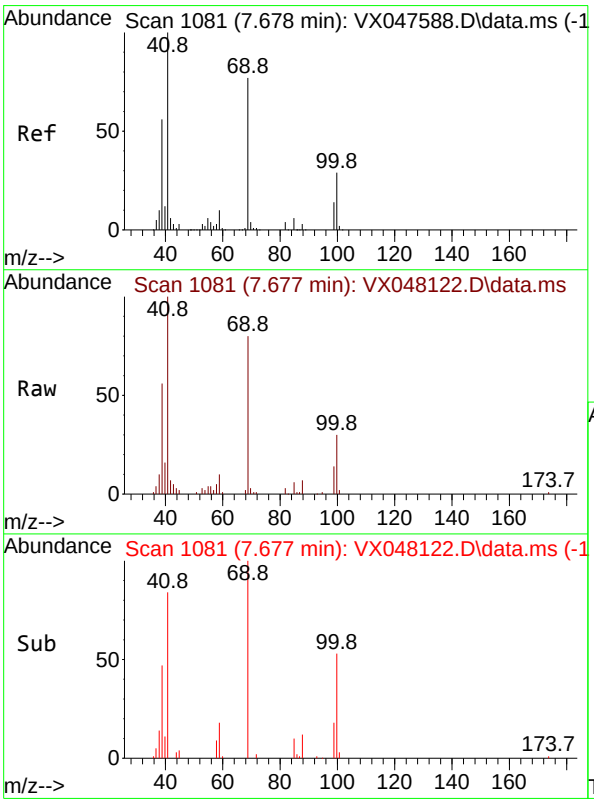
#47
Bromodichloromethane
Concen: 21.208 ug/l
RT: 7.811 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 83 Resp: 51713

Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.5	78.7
127	10.2	6.9	10.3

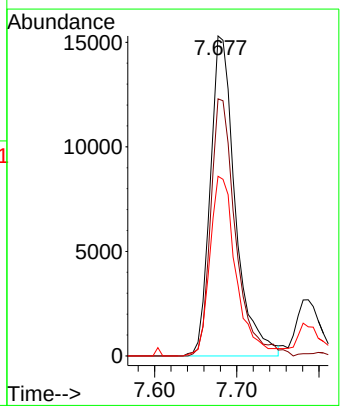


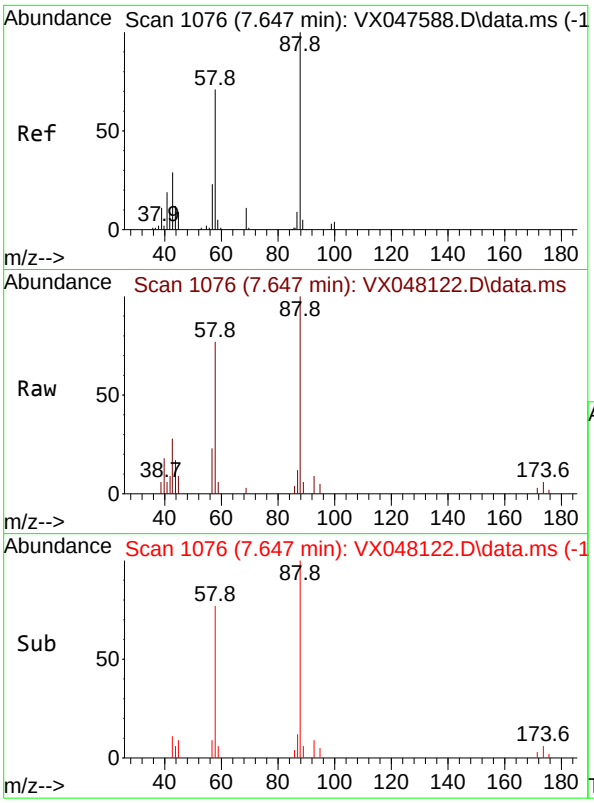


#48
Methyl methacrylate
Concen: 17.689 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 41 Resp: 32305

Ion	Ratio	Lower	Upper
41	100		
69	80.0	61.4	92.2
39	58.6	45.8	68.6



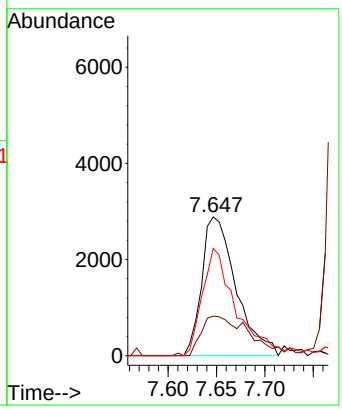


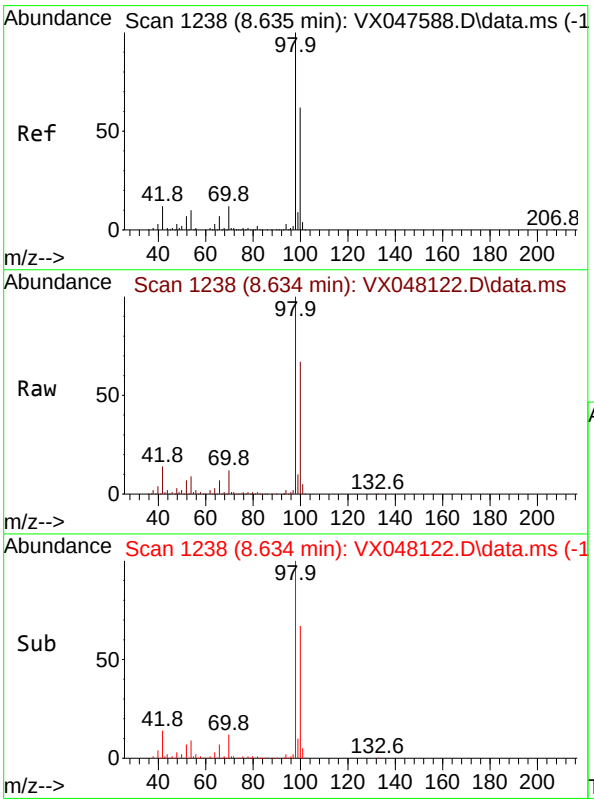
#49
1,4-Dioxane
Concen: 384.638 ug/l
RT: 7.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 88 Resp: 7099

Ion	Ratio	Lower	Upper
88	100		
43	40.5	30.2	45.2
58	78.3	59.5	89.3

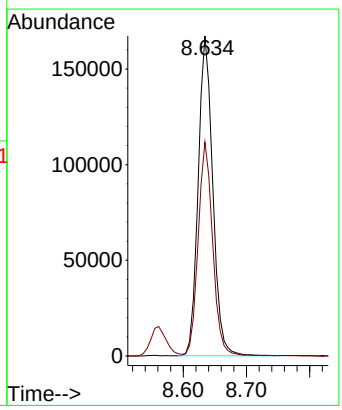


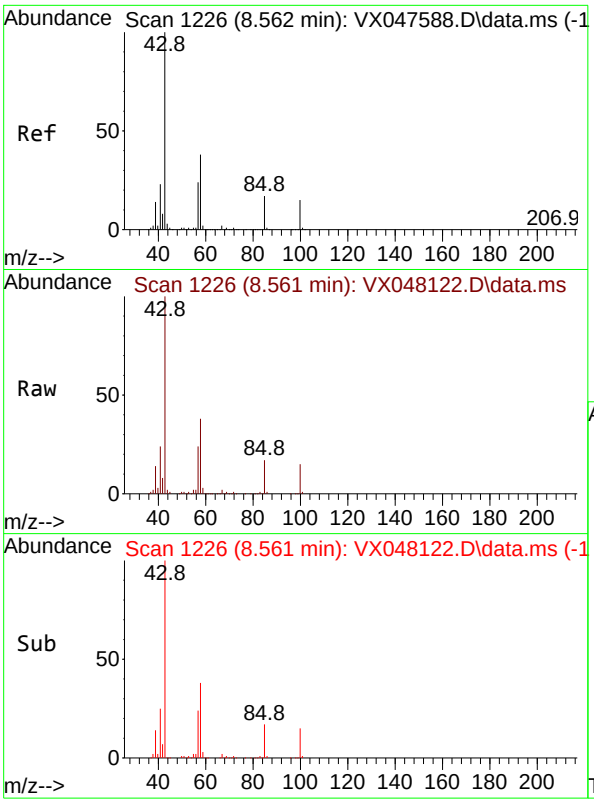


#50
Toluene-d8
Concen: 54.457 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 98 Resp: 269239

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4



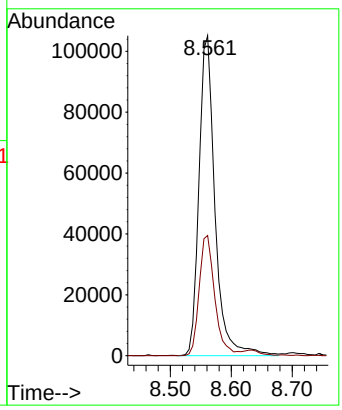


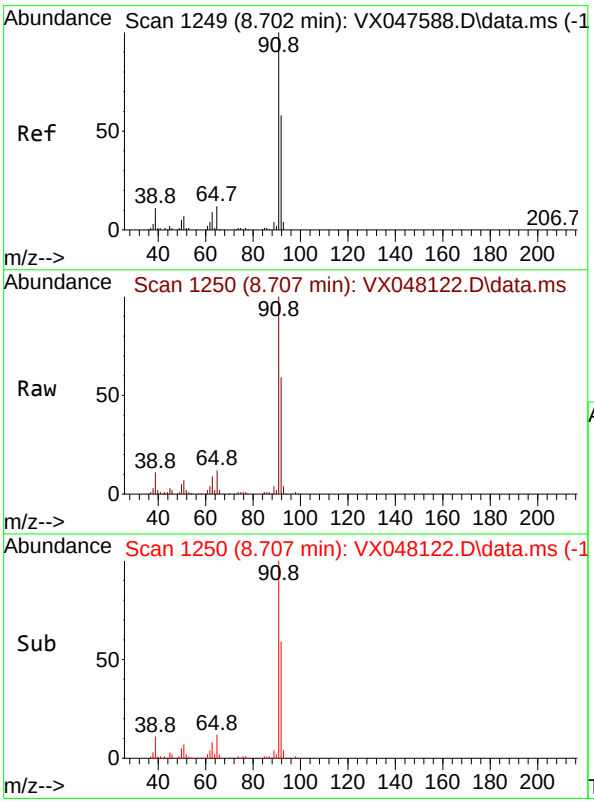
#51
4-Methyl-2-Pentanone
Concen: 94.365 ug/l
RT: 8.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 43 Resp: 191826

Ion	Ratio	Lower	Upper
43	100		
58	36.8	30.3	45.5

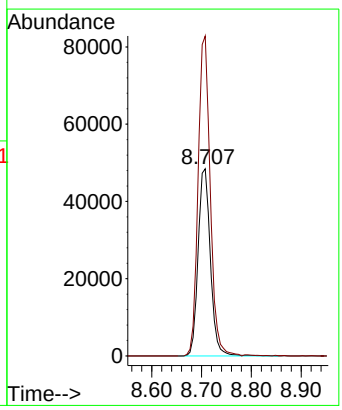


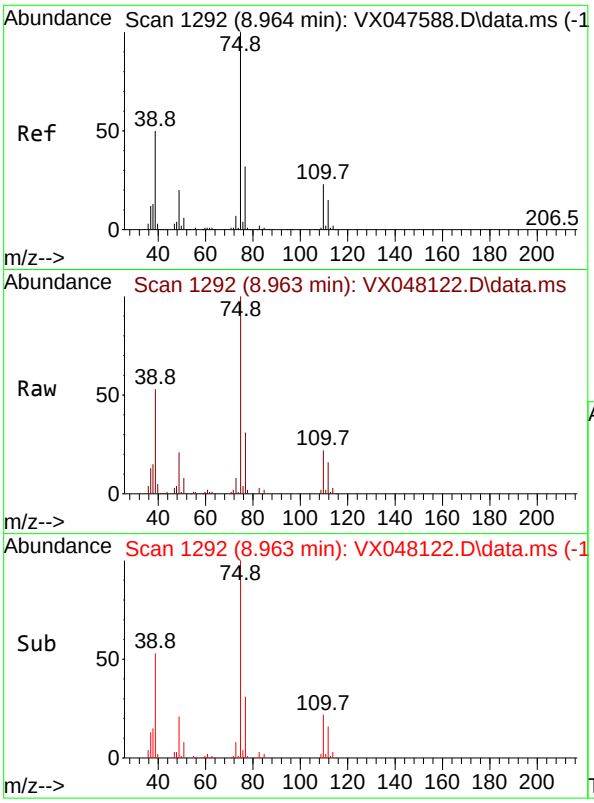


#52
Toluene
Concen: 21.224 ug/l
RT: 8.707 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 92 Resp: 82922

Ion	Ratio	Lower	Upper
92	100		
91	168.5	137.1	205.7



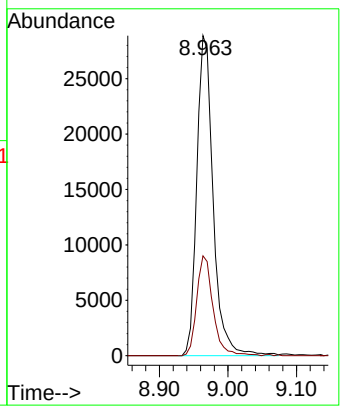


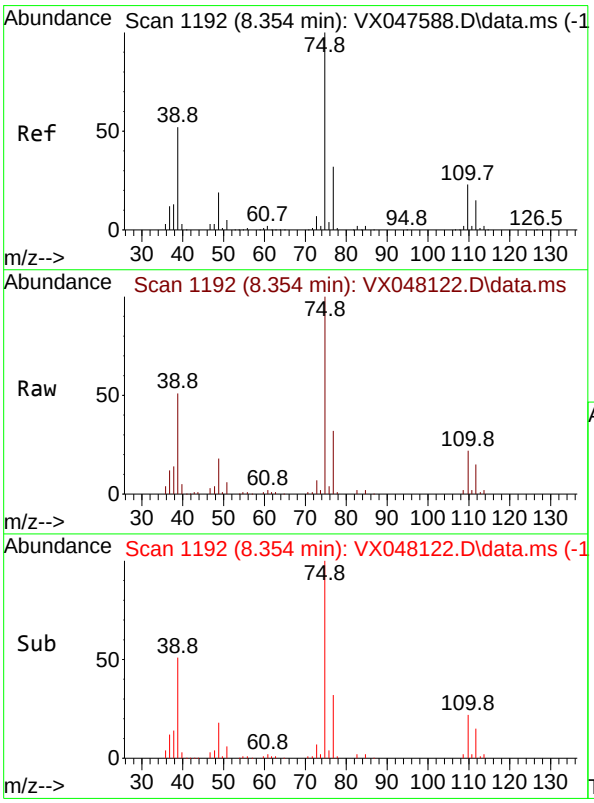
#53
t-1,3-Dichloropropene
Concen: 19.319 ug/l
RT: 8.963 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 75 Resp: 48049

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2

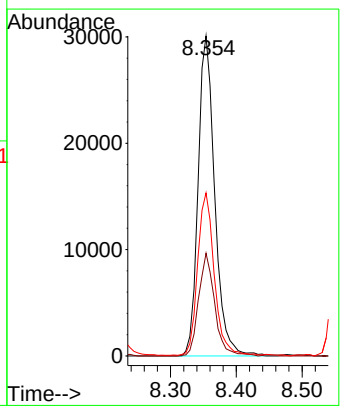


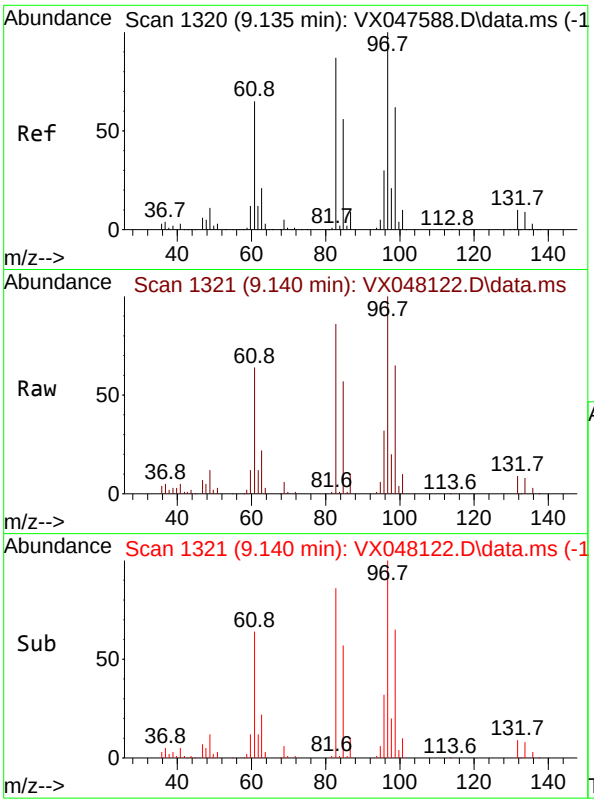


#54
cis-1,3-Dichloropropene
Concen: 19.903 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 75 Resp: 52911

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
39	50.8	41.4	62.2



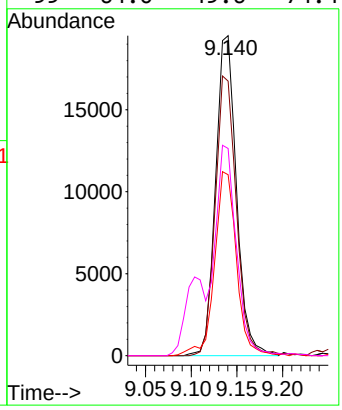


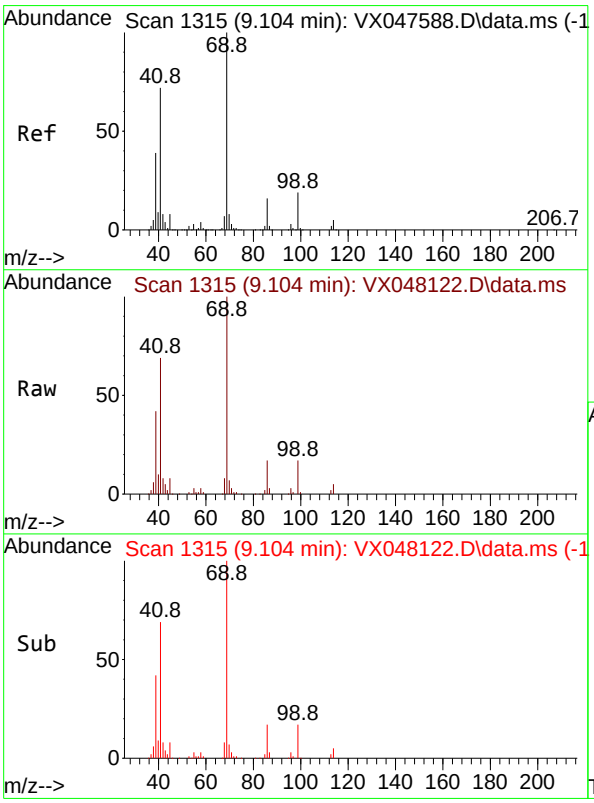
#55
1,1,2-Trichloroethane
Concen: 20.623 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 97 Resp: 31068

Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.6	104.4
85	56.2	45.0	67.6
99	64.0	49.6	74.4

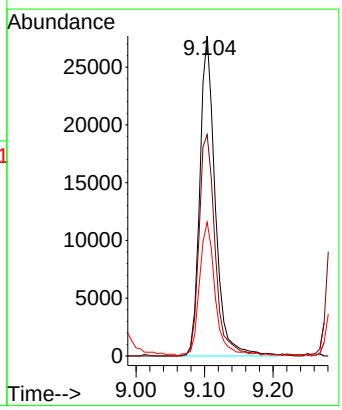


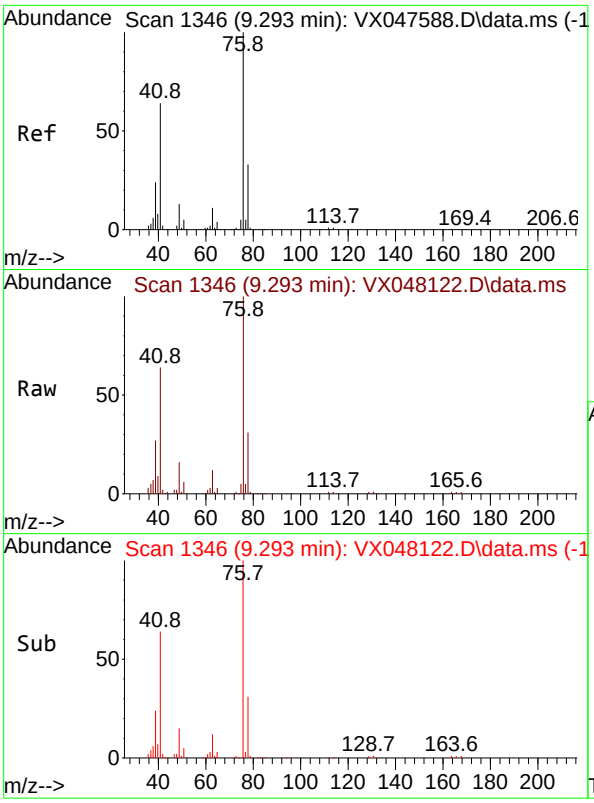


#56
Ethyl methacrylate
Concen: 18.328 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 69 Resp: 43362

Ion	Ratio	Lower	Upper
69	100		
41	73.3	58.6	87.8
39	43.2	31.5	47.3



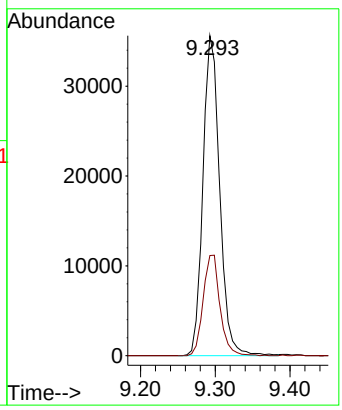


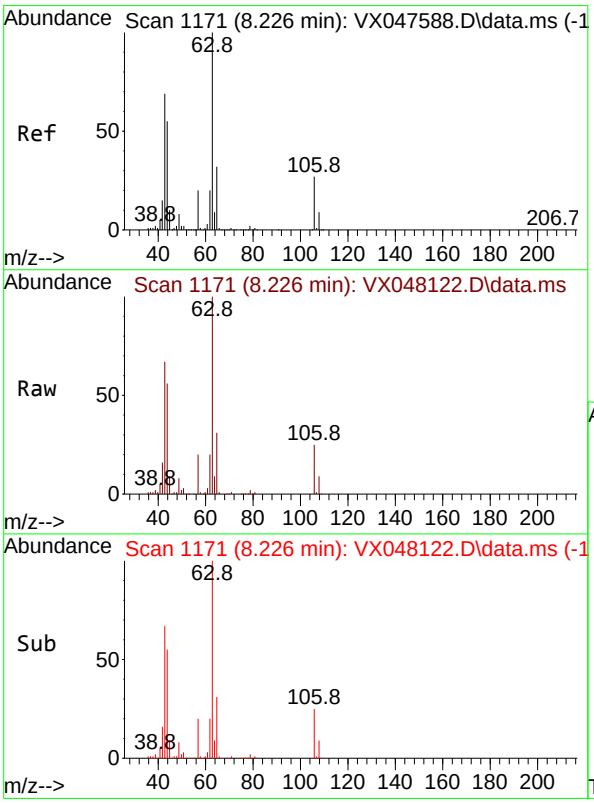
#57
1,3-Dichloropropane
Concen: 21.407 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 76 Resp: 55399

Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.2	39.4

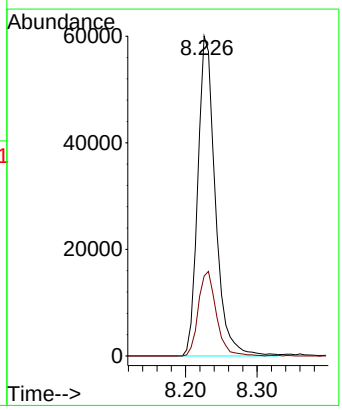


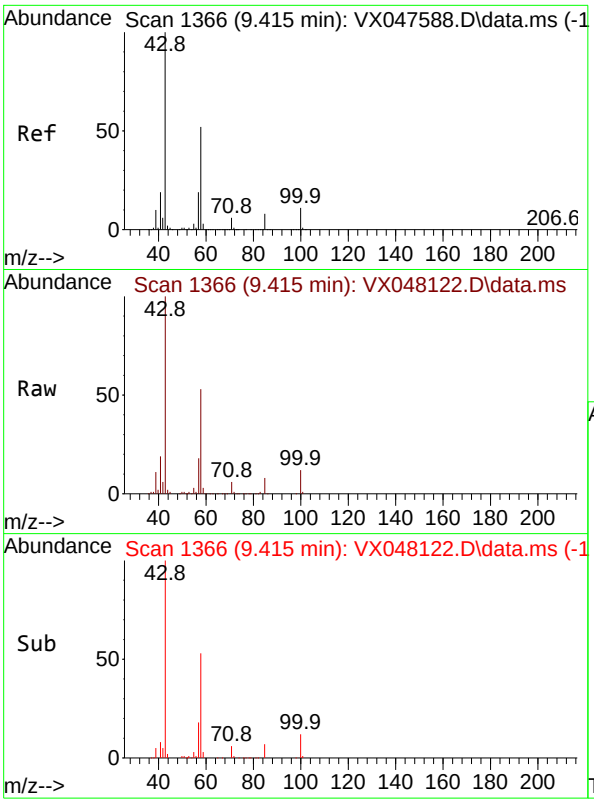


#58
2-Chloroethyl Vinyl ether
Concen: 97.319 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 63 Resp: 101928

Ion	Ratio	Lower	Upper
63	100		
106	27.2	21.9	32.9



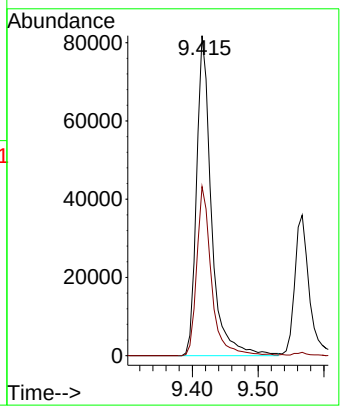


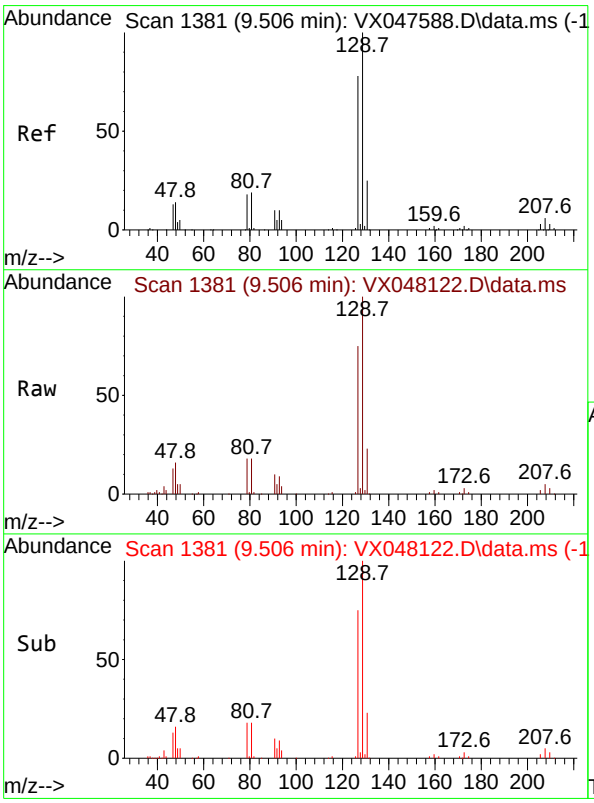
#59
2-Hexanone
Concen: 87.846 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 43 Resp: 128252

Ion	Ratio	Lower	Upper
43	100		
58	52.3	26.1	78.2

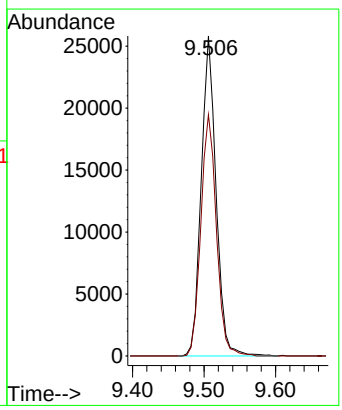


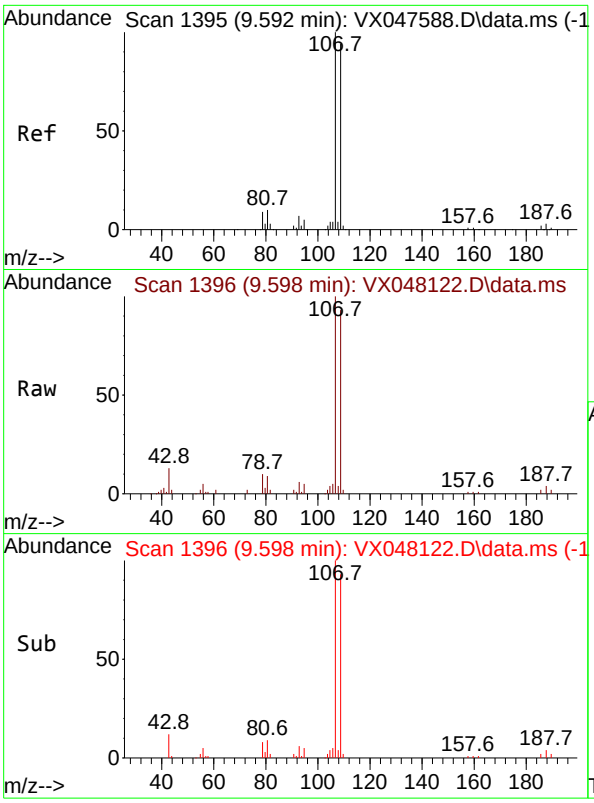


#60
Dibromochloromethane
Concen: 21.438 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:129 Resp: 37213

Ion	Ratio	Lower	Upper
129	100		
127	79.1	38.4	115.2



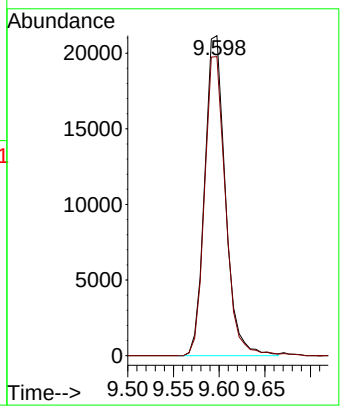


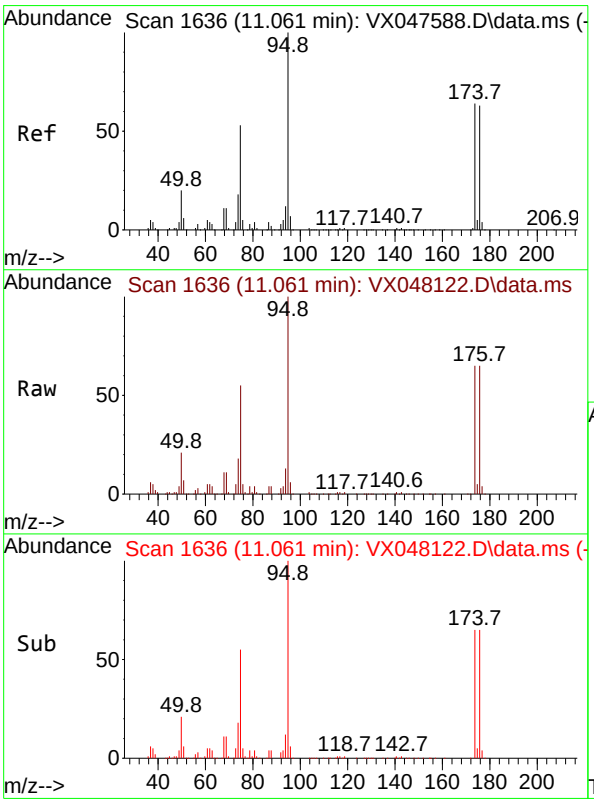
#61
1,2-Dibromoethane
Concen: 21.639 ug/l
RT: 9.598 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:107 Resp: 33204

Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.3	112.9

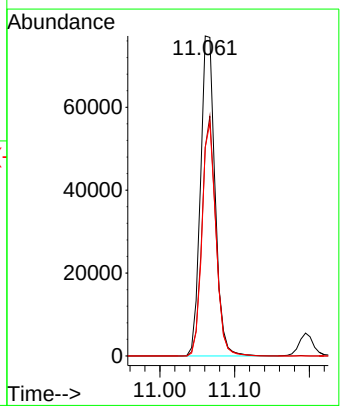


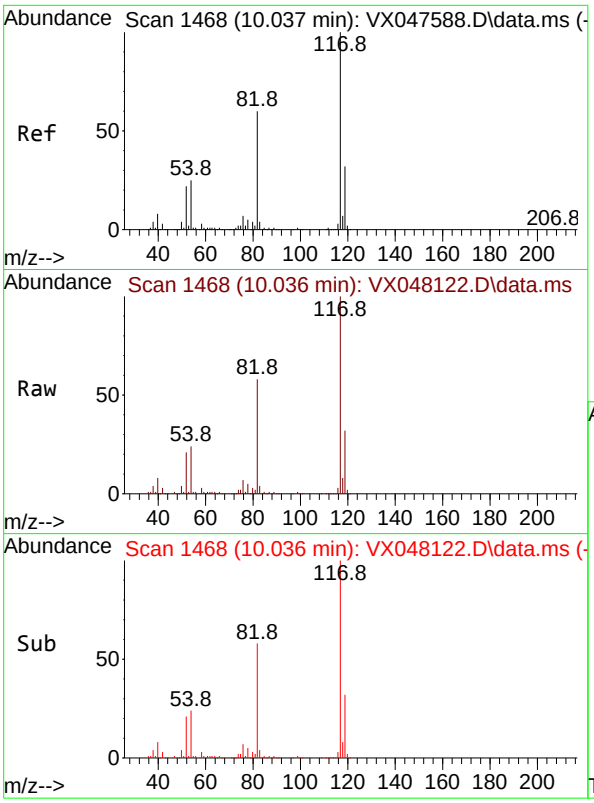


#62
4-Bromofluorobenzene
Concen: 55.562 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 95 Resp: 104255

Ion	Ratio	Lower	Upper
95	100		
174	71.2	0.0	141.6
176	69.5	0.0	138.4



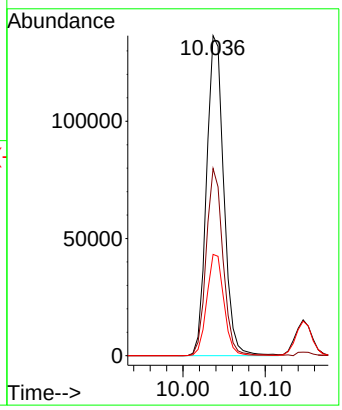


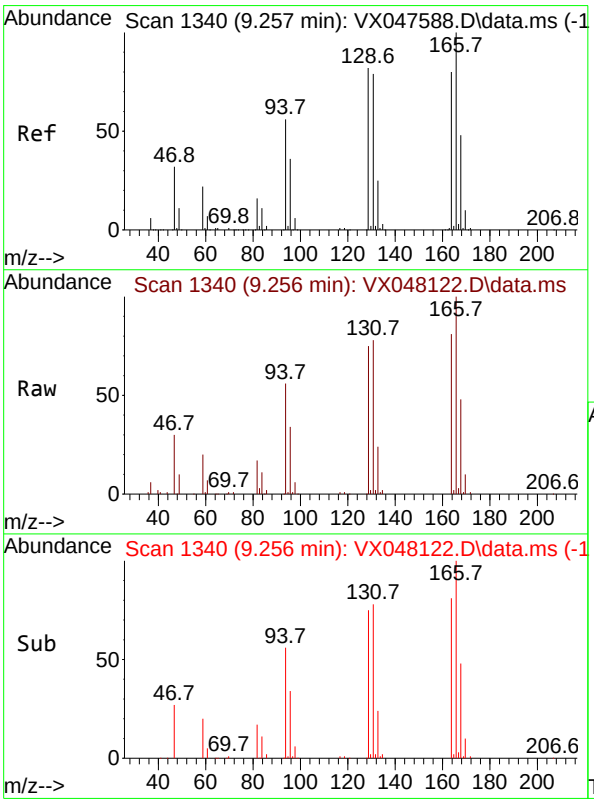
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:117 Resp: 198272

Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.8	71.6
119	31.7	25.2	37.8

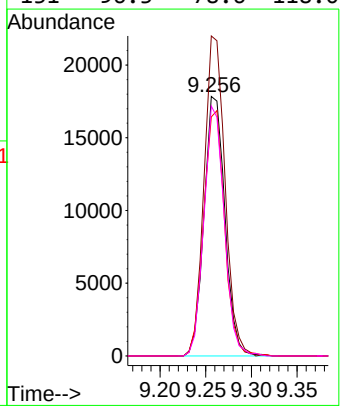


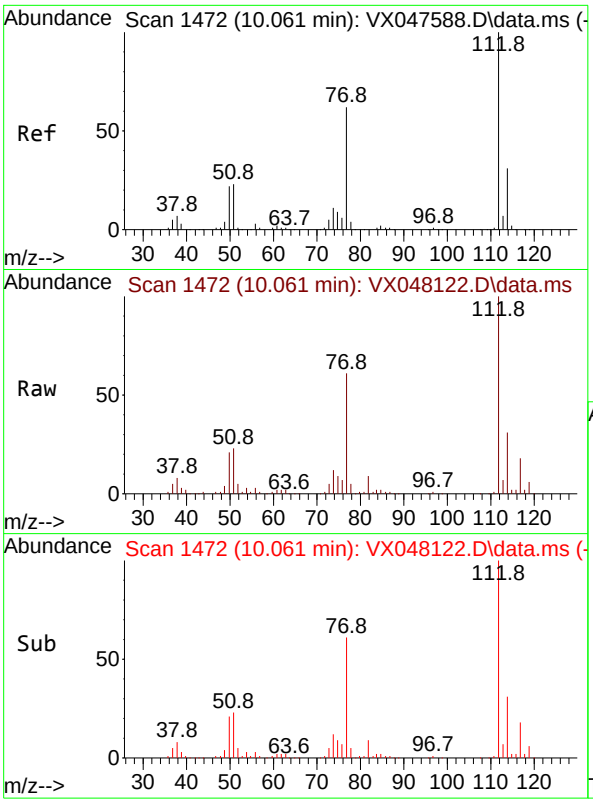


#64
Tetrachloroethene
Concen: 21.918 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:164 Resp: 28329

Ion	Ratio	Lower	Upper
164	100		
166	123.3	100.2	150.2
129	92.1	81.8	122.6
131	96.3	78.6	118.0



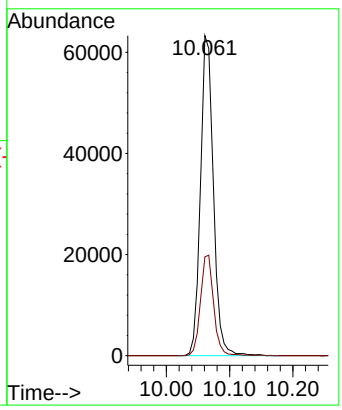


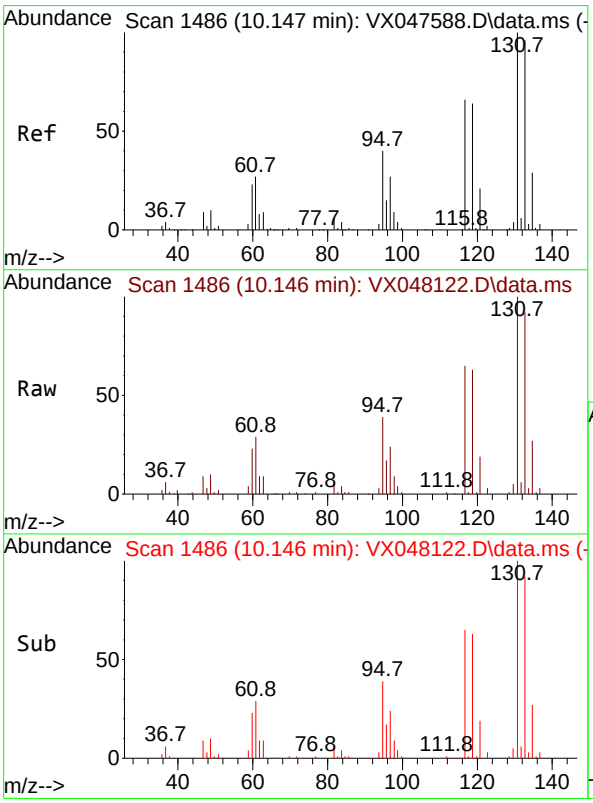
#65
Chlorobenzene
Concen: 20.060 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:112 Resp: 90357

Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.1	37.7

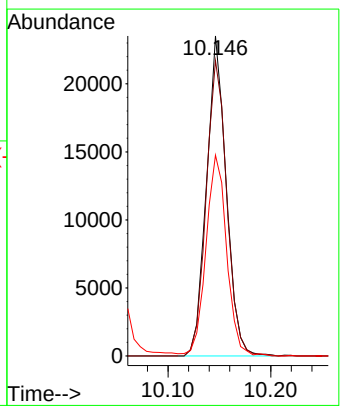


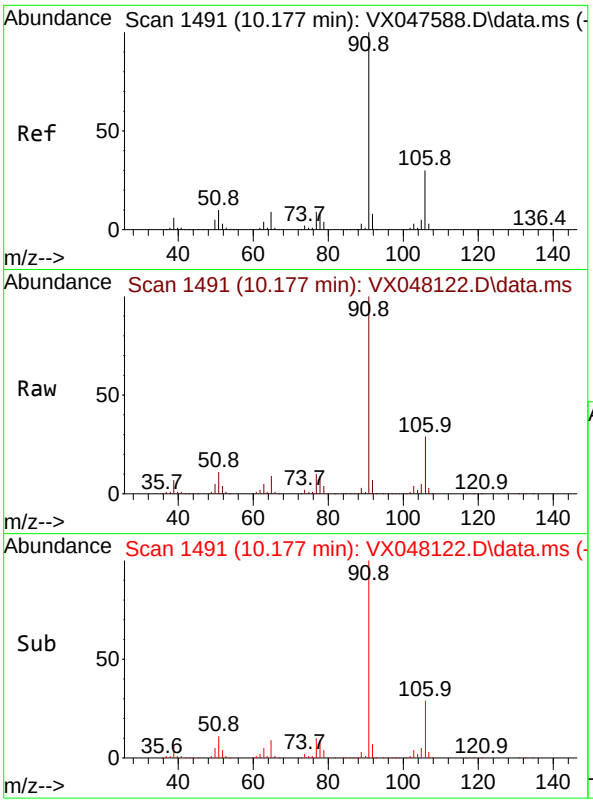


#66
1,1,1,2-Tetrachloroethane
Concen: 20.167 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:131 Resp: 31346

Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.3	142.0
119	65.8	32.0	96.0



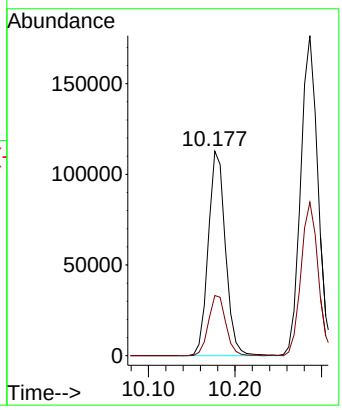


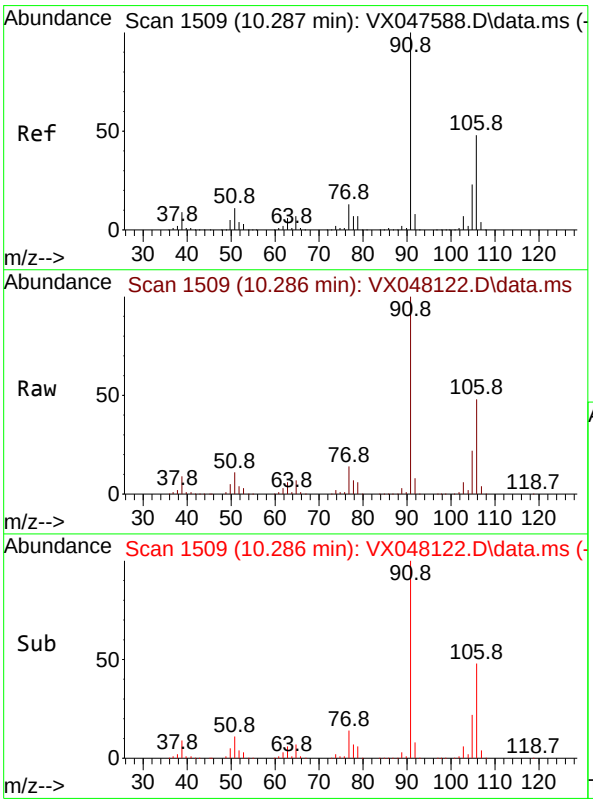
#67
Ethyl Benzene
Concen: 20.001 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 91 Resp: 155443

Ion	Ratio	Lower	Upper
91	100		
106	29.4	24.3	36.5

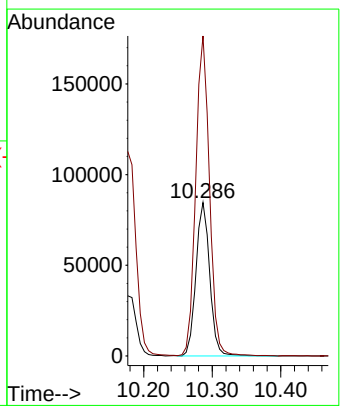


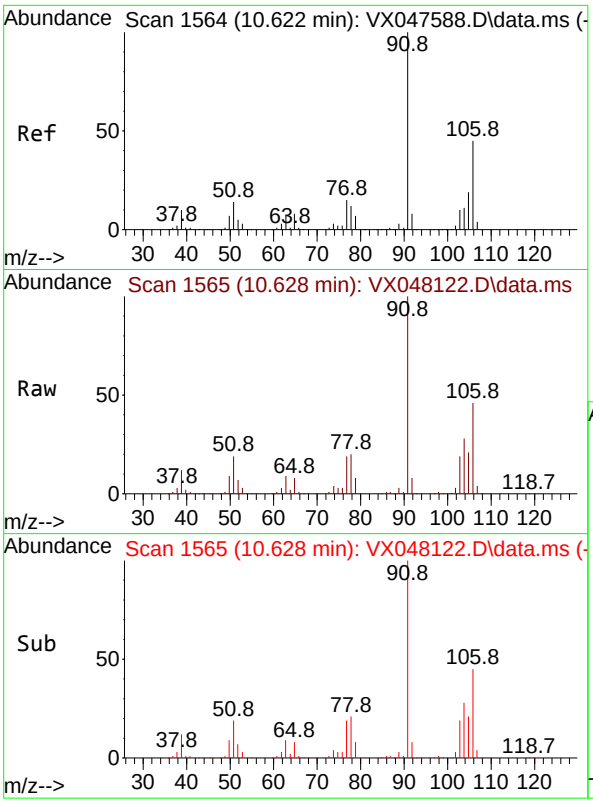


#68
m/p-Xylenes
Concen: 40.842 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:106 Resp: 118146

Ion	Ratio	Lower	Upper
106	100		
91	208.6	167.8	251.8



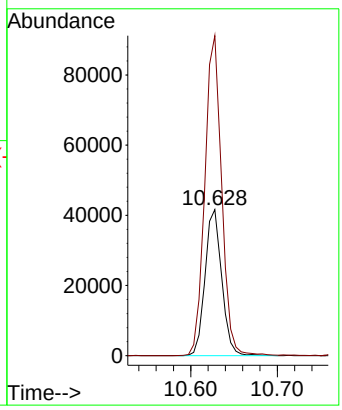


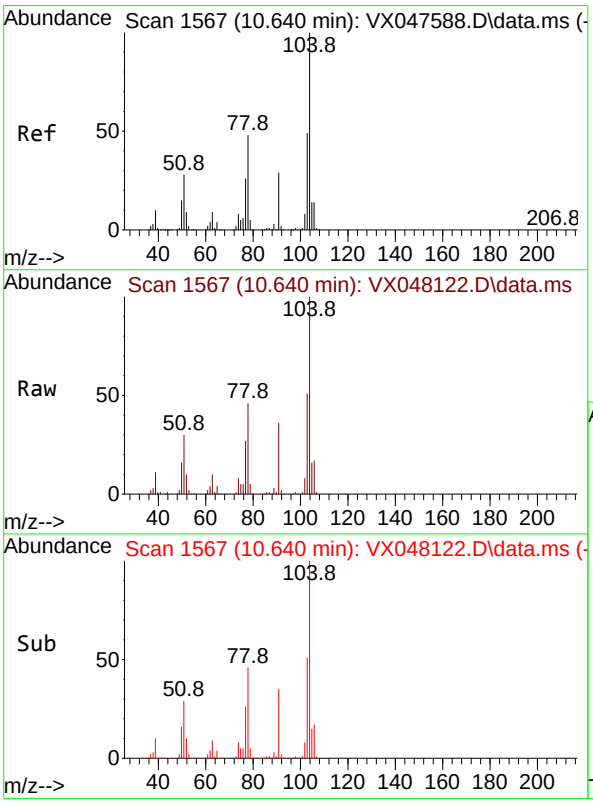
#69
o-Xylene
Concen: 19.949 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:106 Resp: 55817

Ion	Ratio	Lower	Upper
106	100		
91	220.8	111.1	333.4

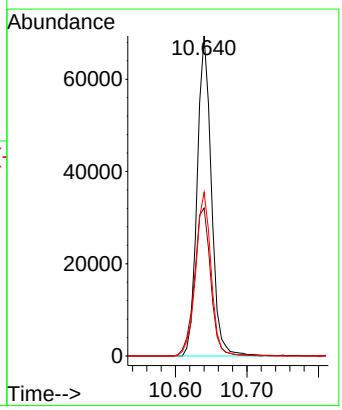


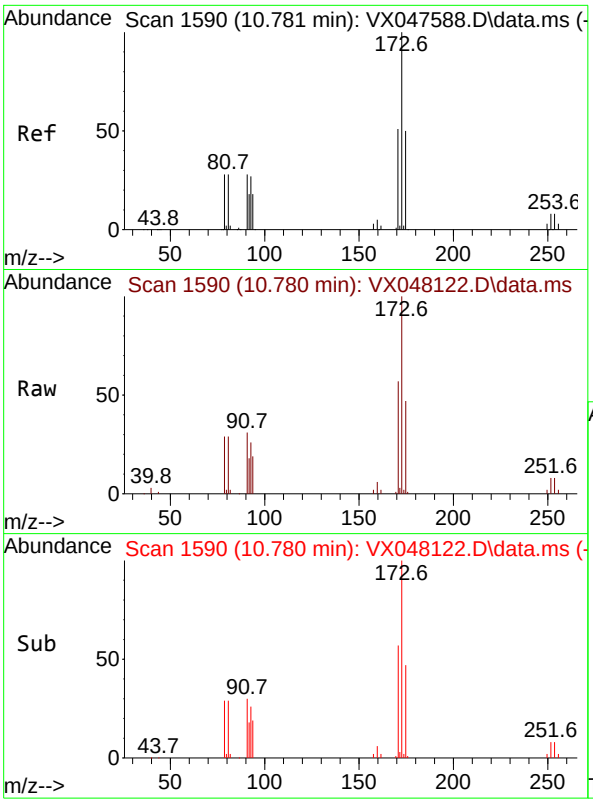


#70
Styrene
Concen: 19.558 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:104 Resp: 95886

Ion	Ratio	Lower	Upper
104	100		
78	53.1	43.1	64.7
103	55.2	43.1	64.7



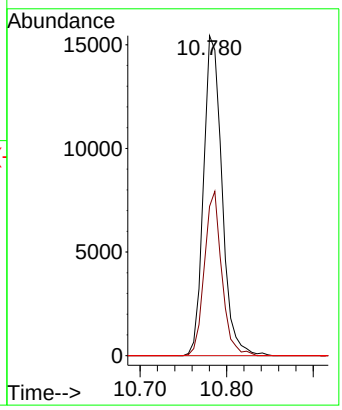


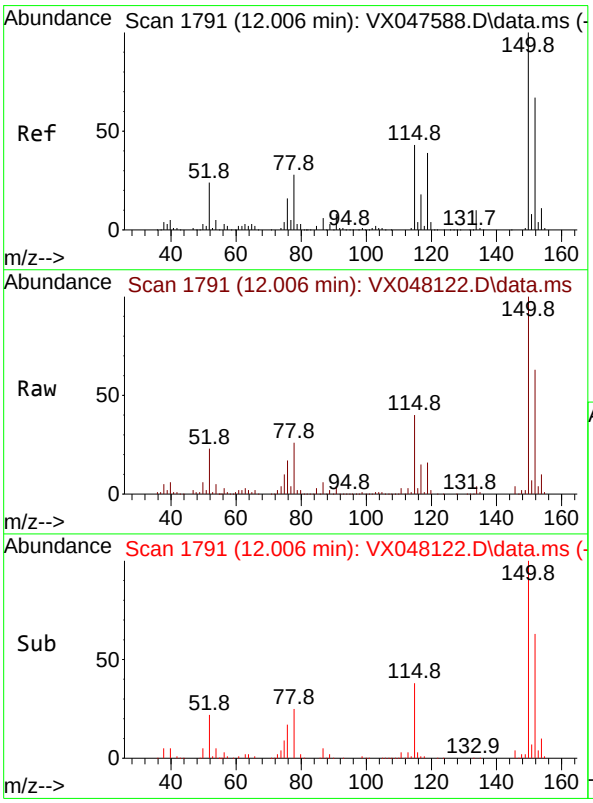
#71
Bromoform
Concen: 19.713 ug/l
RT: 10.780 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:173 Resp: 22879

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.9	74.6
254	0.0	0.1	0.1#

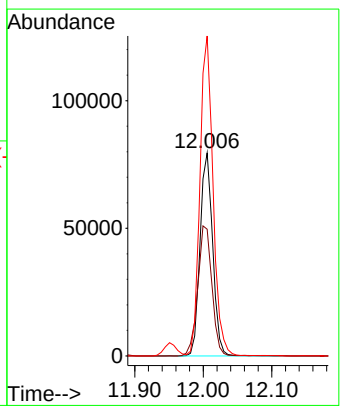


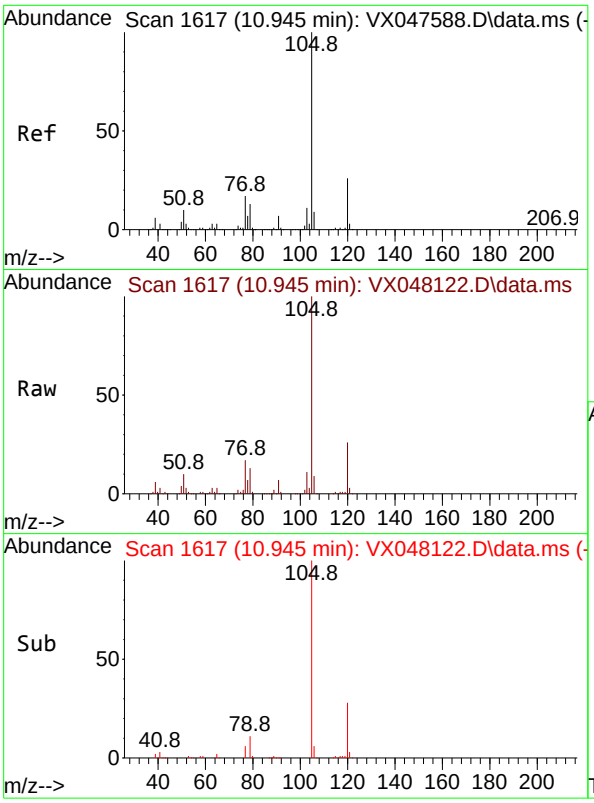


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:152 Resp: 102458

Ion	Ratio	Lower	Upper
152	100		
115	71.5	44.9	134.5
150	162.6	0.0	352.0



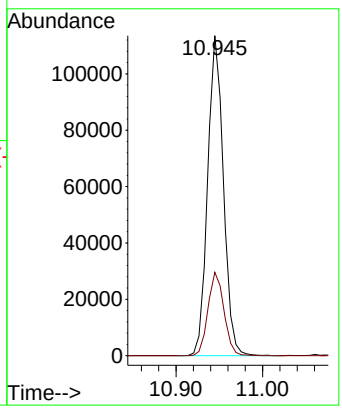


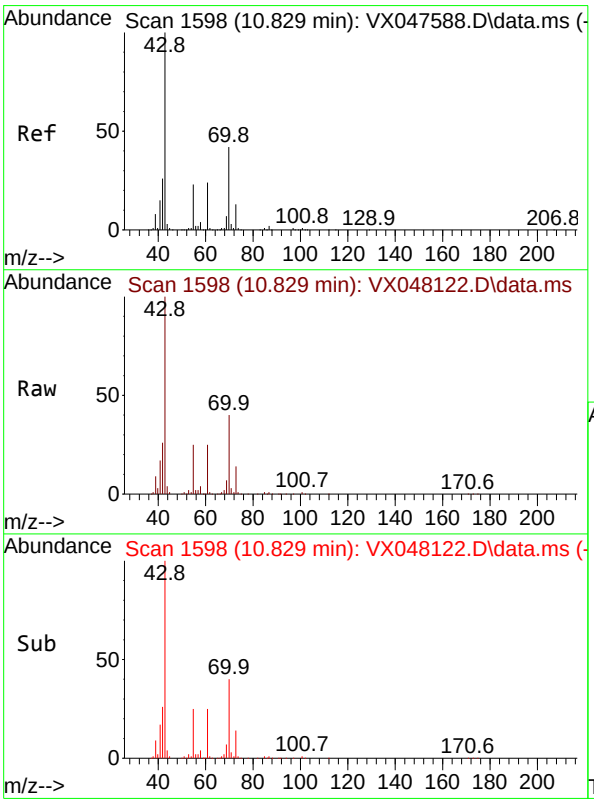
#73
Isopropylbenzene
Concen: 18.399 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:105 Resp: 143317

Ion	Ratio	Lower	Upper
105	100		
120	26.4	12.8	38.4

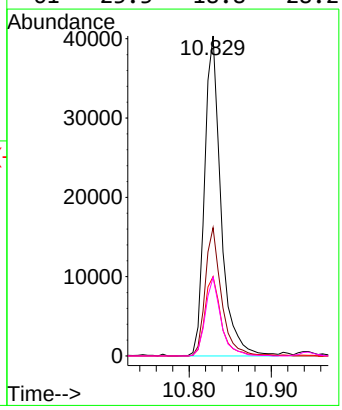


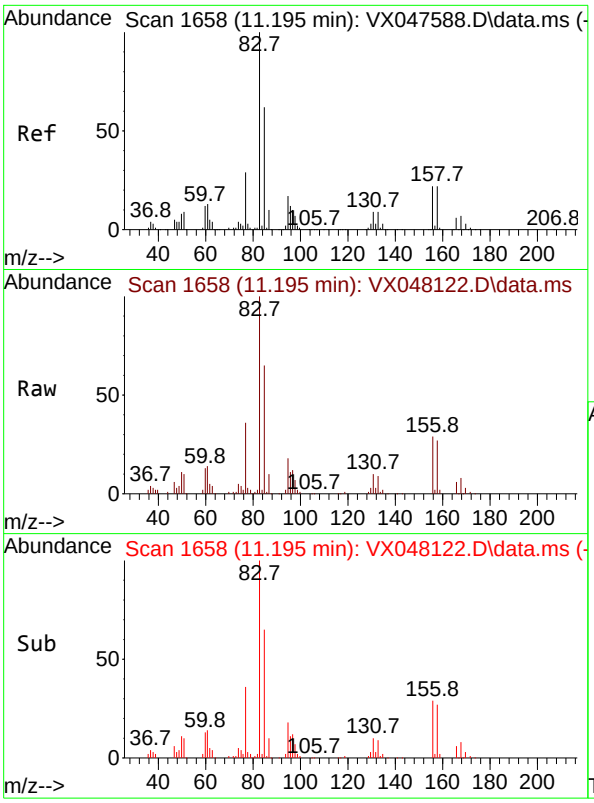


#74
N-amyl acetate
Concen: 15.767 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 43 Resp: 56006

Ion	Ratio	Lower	Upper
43	100		
70	39.7	32.0	48.0
55	25.0	18.9	28.3
61	23.3	18.8	28.2



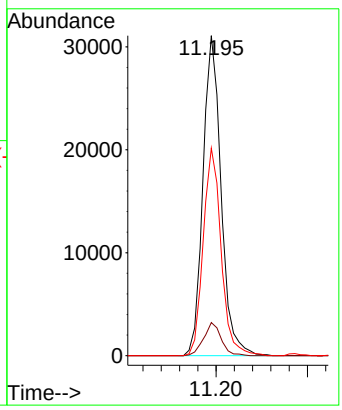


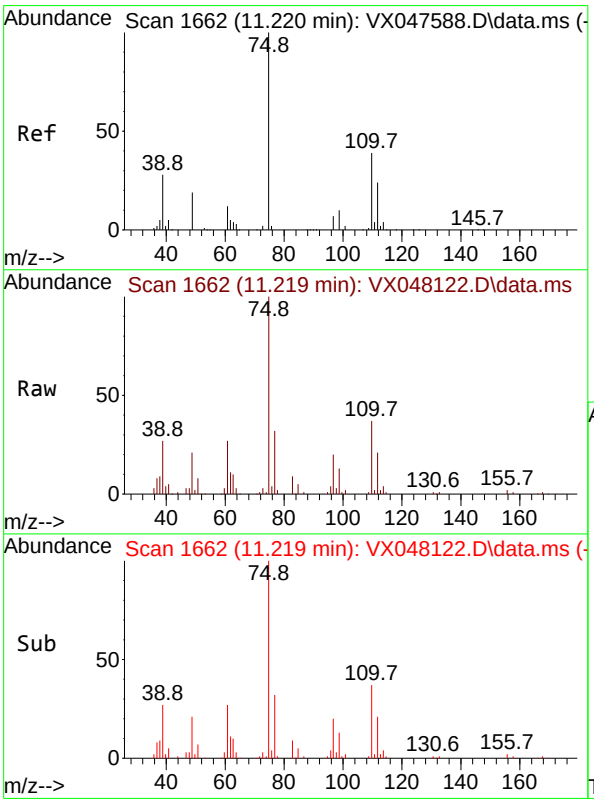
#75
1,1,2,2-Tetrachloroethane
Concen: 18.122 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 83 Resp: 42709

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.1	31.6	95.0

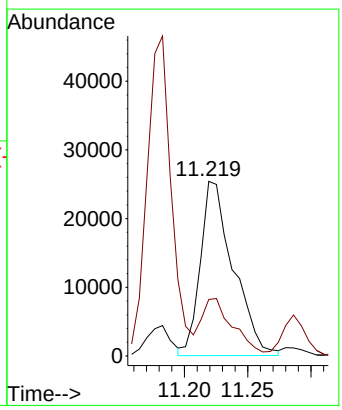


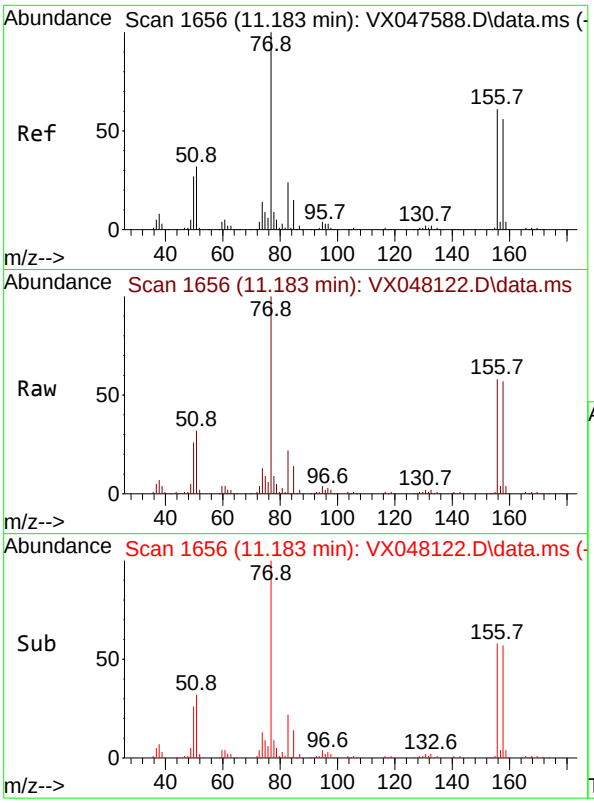


#76
1,2,3-Trichloropropane
Concen: 22.227 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 75 Resp: 46109

Ion	Ratio	Lower	Upper
75	100		
77	31.1	18.8	56.4



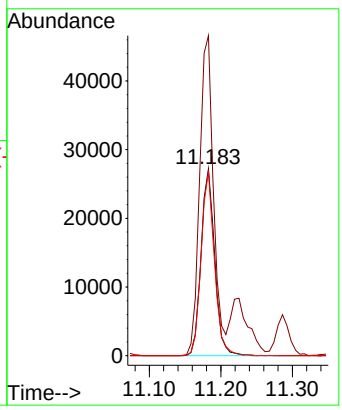


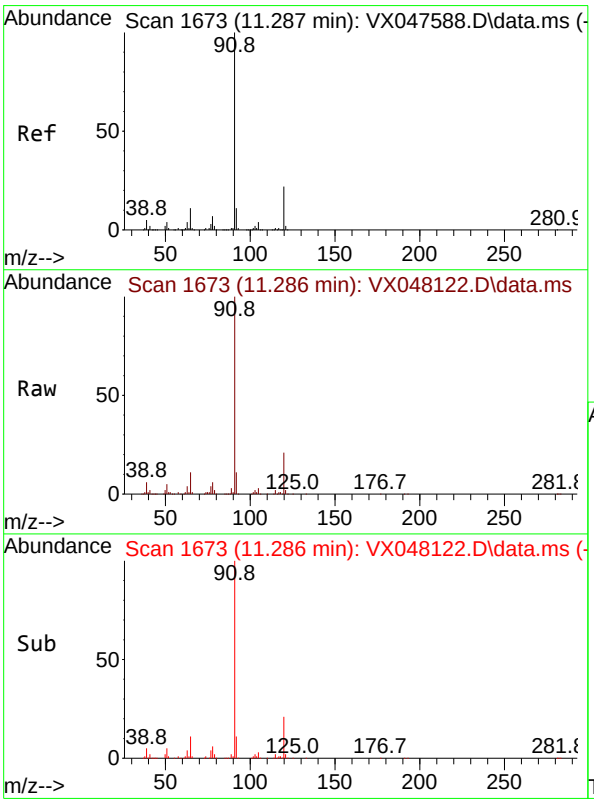
#77
Bromobenzene
Concen: 18.791 ug/l
RT: 11.183 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:156 Resp: 36050

Ion	Ratio	Lower	Upper
156	100		
77	174.3	89.7	269.1
158	96.2	47.9	143.6

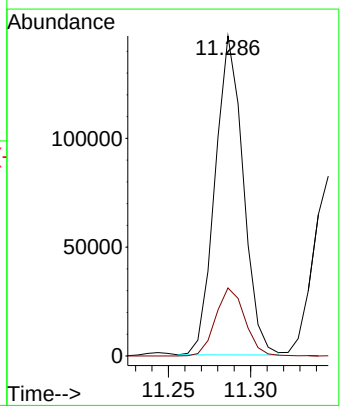


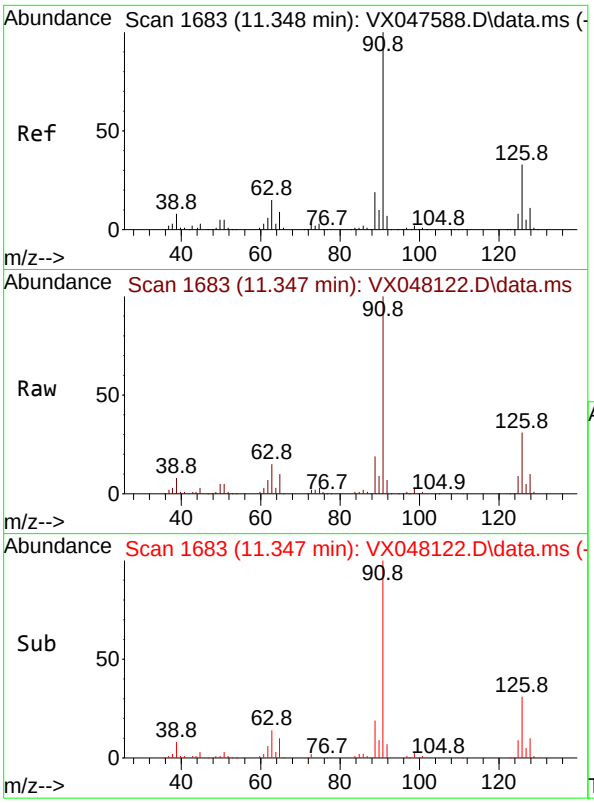


#78
n-propylbenzene
Concen: 18.970 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 91 Resp: 174677

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.1



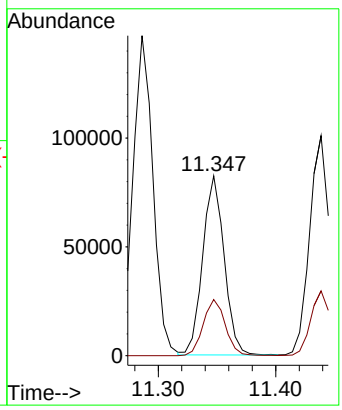


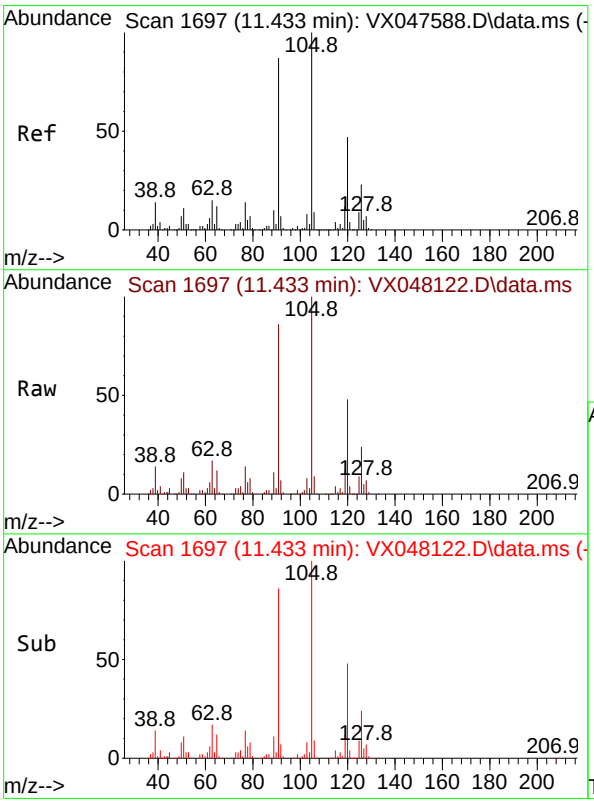
#79
2-Chlorotoluene
Concen: 18.528 ug/l
RT: 11.347 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 91 Resp: 104492

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3

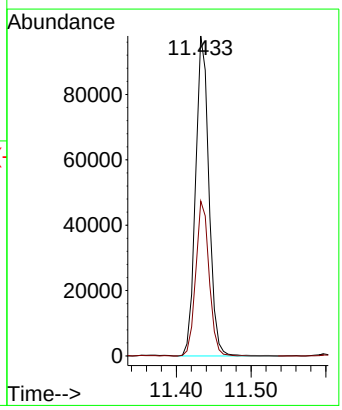


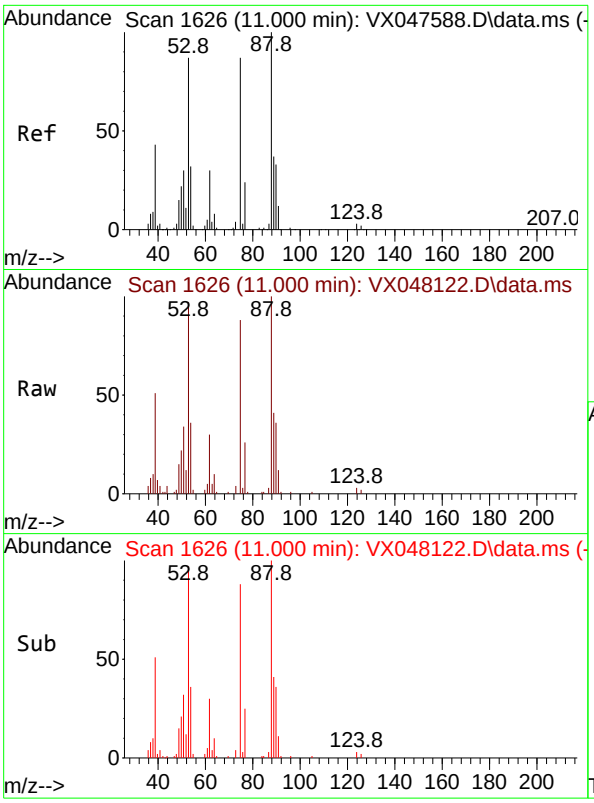


#80
1,3,5-Trimethylbenzene
Concen: 18.933 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:105 Resp: 121164

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.6	70.8



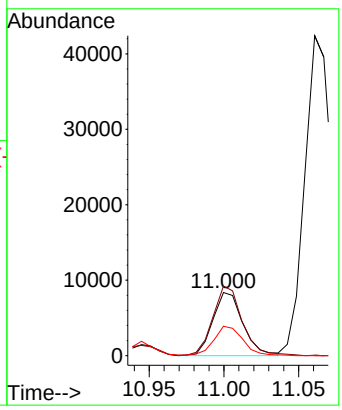


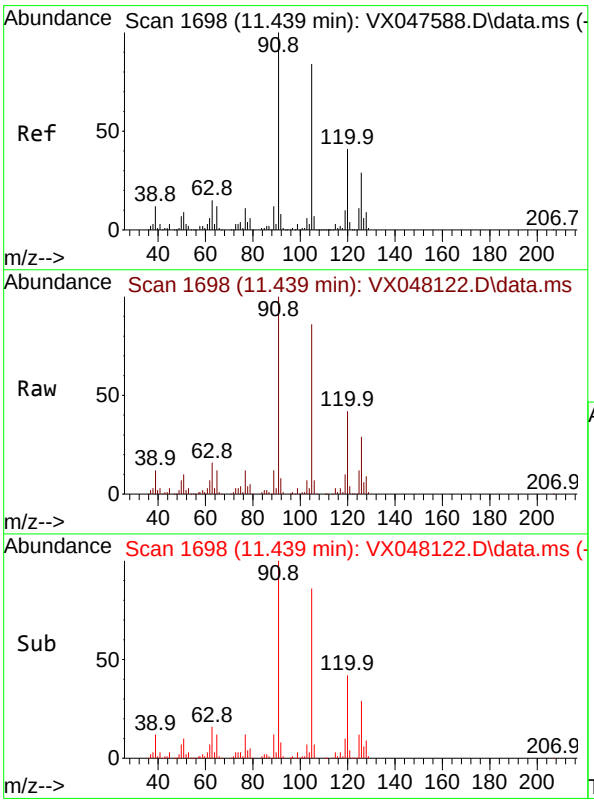
#81
trans-1,4-Dichloro-2-butene
Concen: 14.411 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 75 Resp: 11723

Ion	Ratio	Lower	Upper
75	100		
53	108.2	83.4	125.2
89	45.2	36.3	54.5

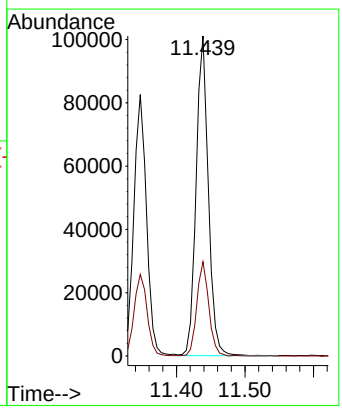


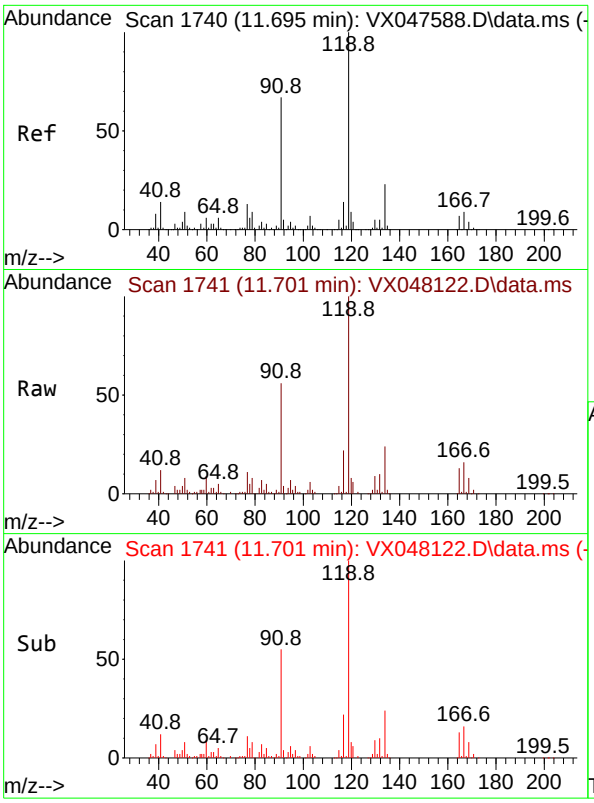


#82
4-Chlorotoluene
Concen: 18.809 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 91 Resp: 125288

Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.2	42.6



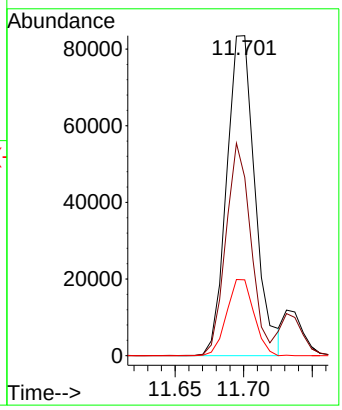


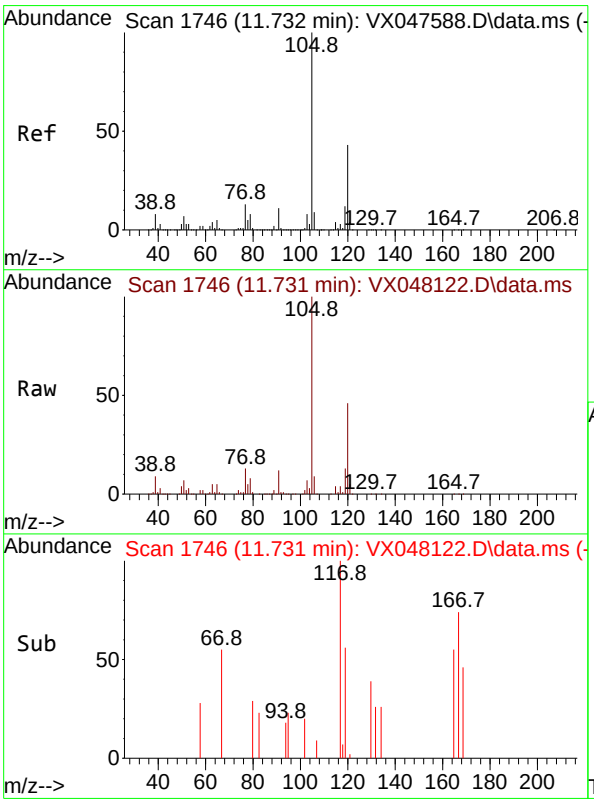
#83
tert-Butylbenzene
Concen: 18.320 ug/l
RT: 11.701 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:119 Resp: 120020

Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.6	88.8
134	22.9	11.0	33.0

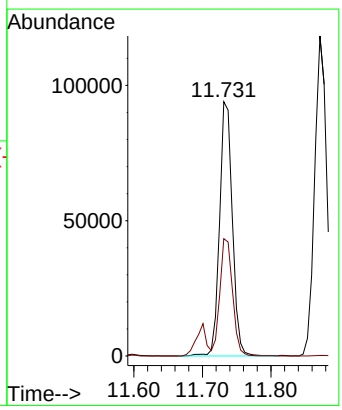


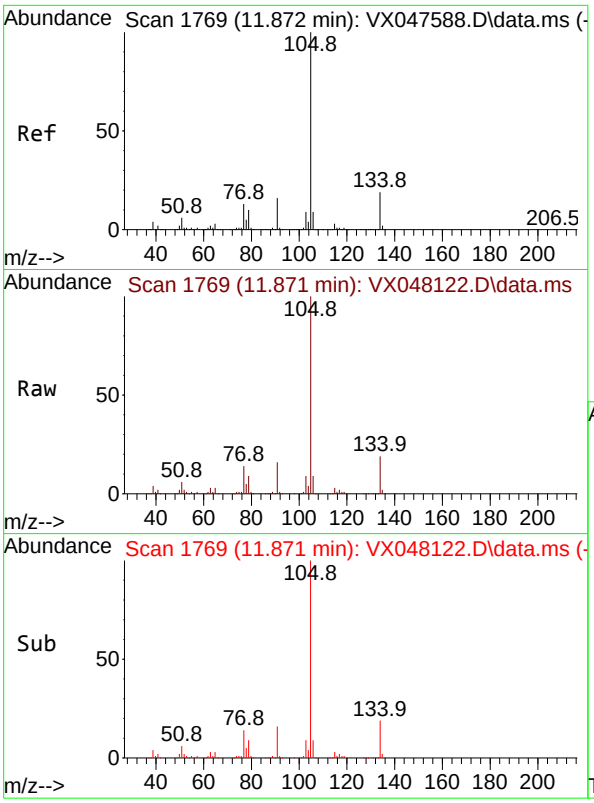


#84
1,2,4-Trimethylbenzene
Concen: 18.685 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:105 Resp: 121236

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.1	66.1



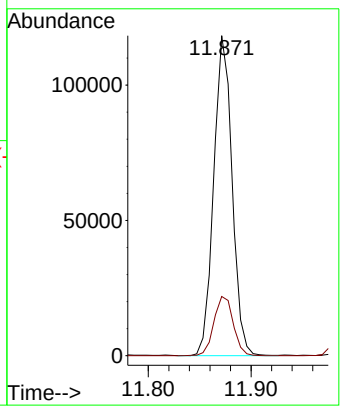


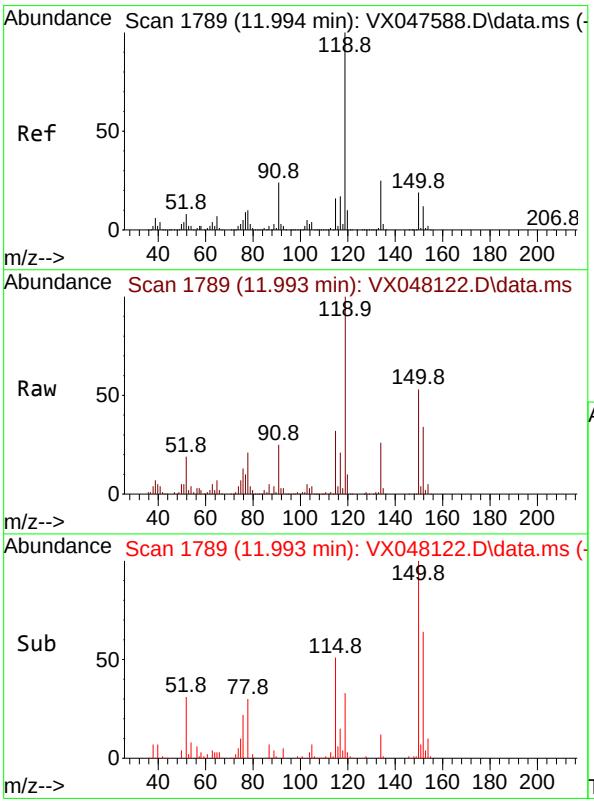
#85
sec-Butylbenzene
Concen: 18.823 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:105 Resp: 146476

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

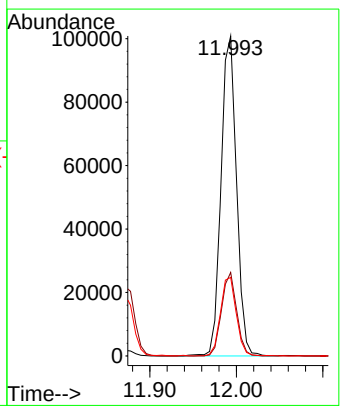


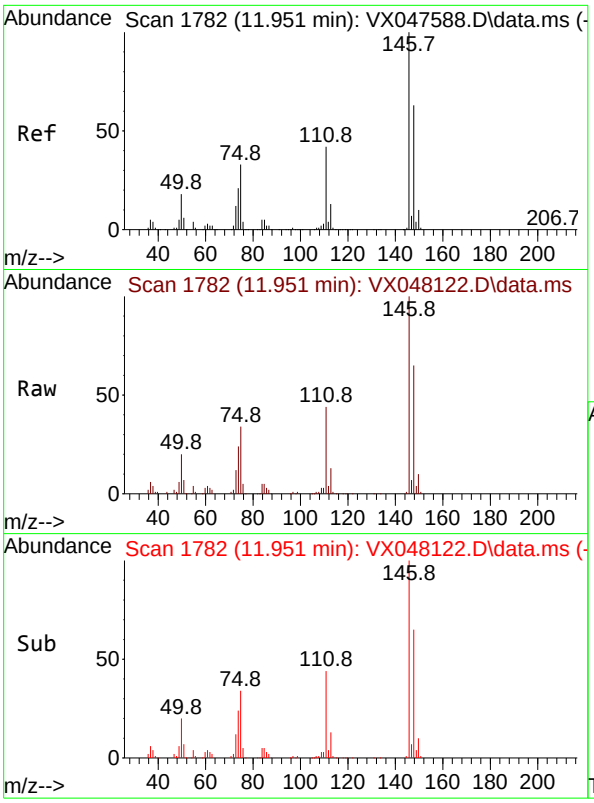


#86
p-Isopropyltoluene
Concen: 18.992 ug/l
RT: 11.993 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:119 Resp: 125119

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.6	37.8
91	25.2	12.6	37.6



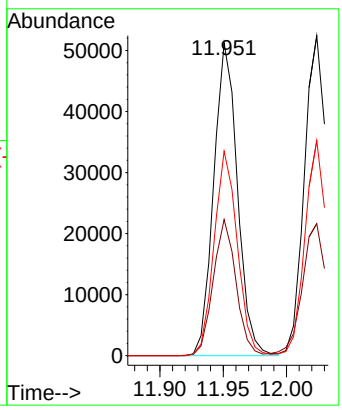


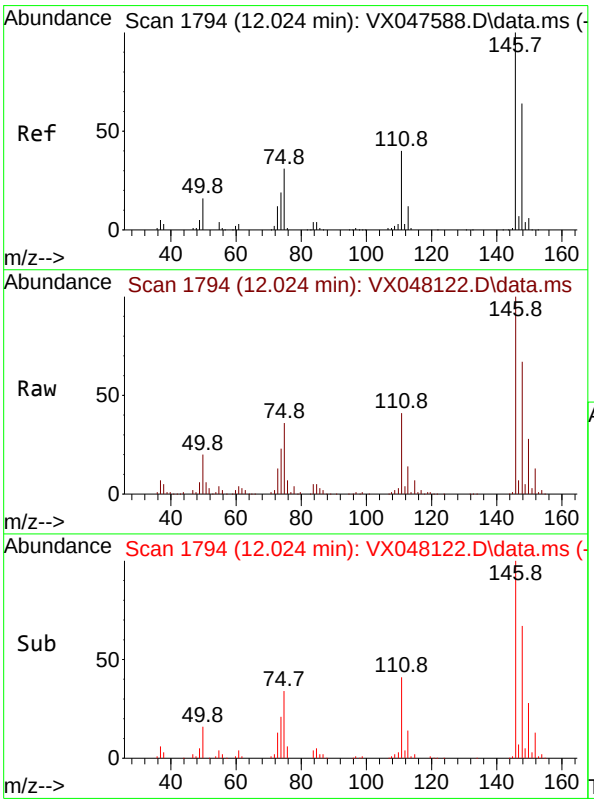
#87
1,3-Dichlorobenzene
Concen: 18.735 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:146 Resp: 66760

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.5	64.5
148	64.0	32.0	96.0

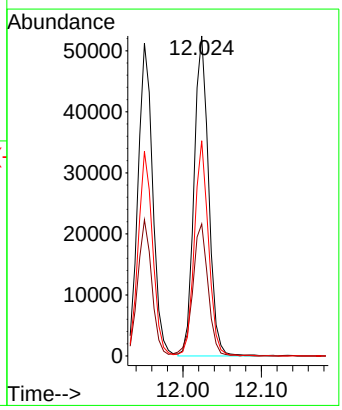


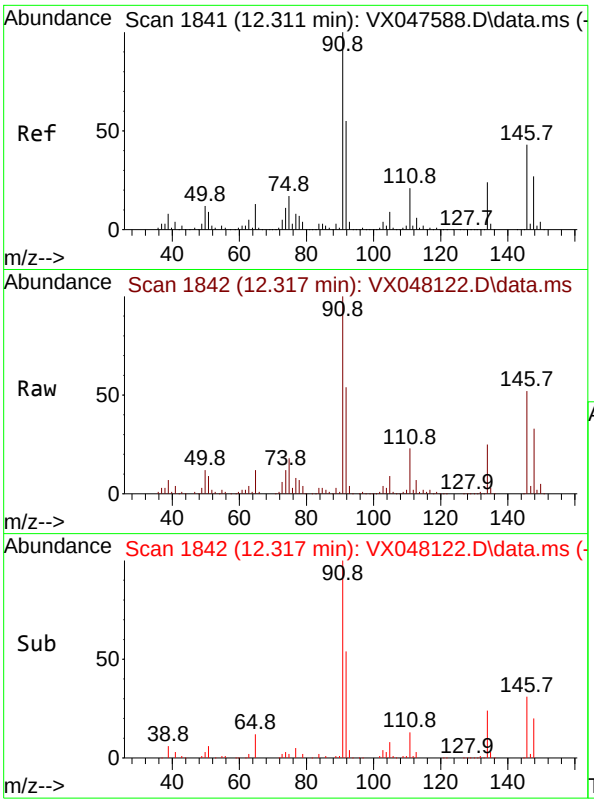


#88
1,4-Dichlorobenzene
Concen: 18.577 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:146 Resp: 67941

Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.8	62.4
148	64.9	31.7	95.1



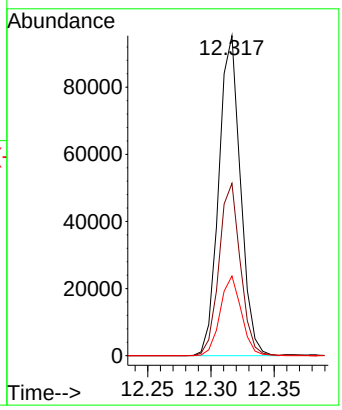


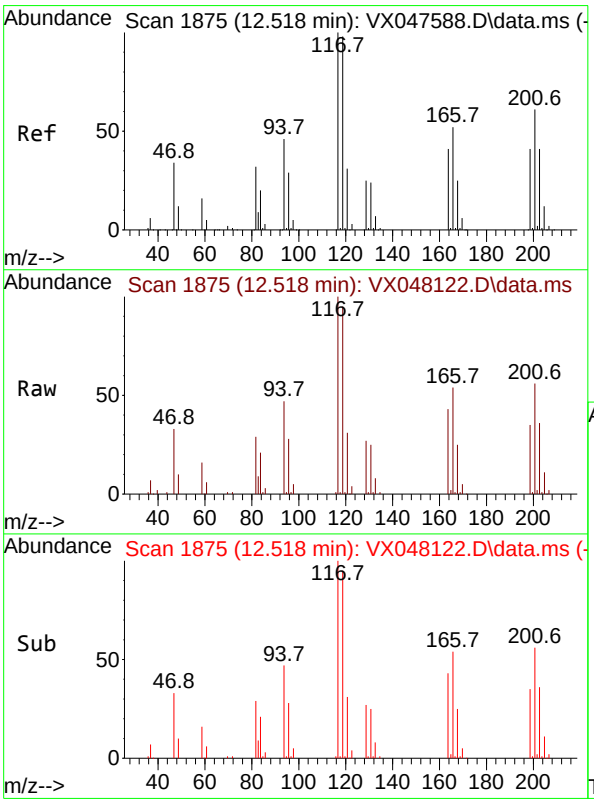
#89
n-Butylbenzene
Concen: 18.627 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion: 91 Resp: 113549

Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.6	82.7
134	24.3	12.6	37.8

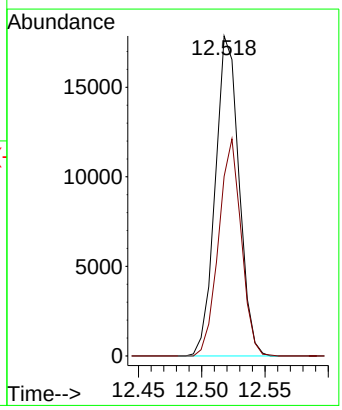


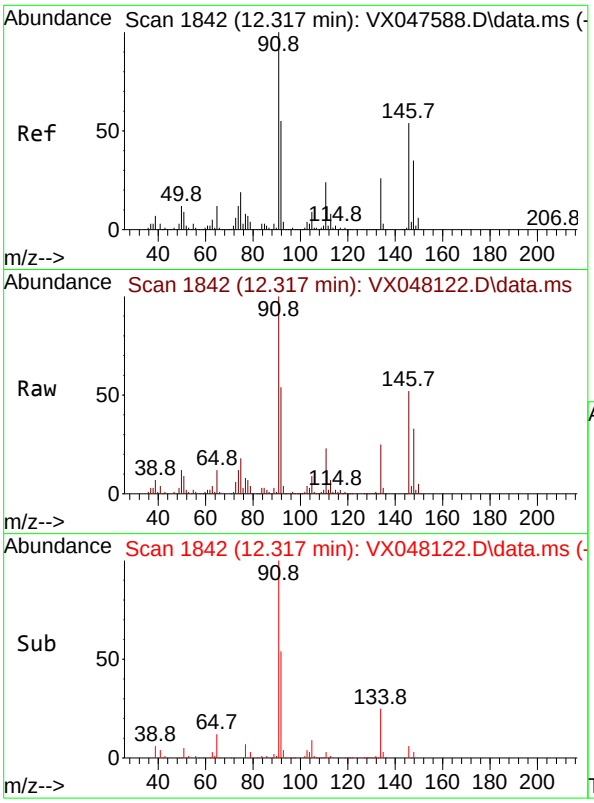


#90
Hexachloroethane
Concen: 20.103 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:117 Resp: 23252

Ion	Ratio	Lower	Upper
117	100		
201	64.7	34.2	102.5



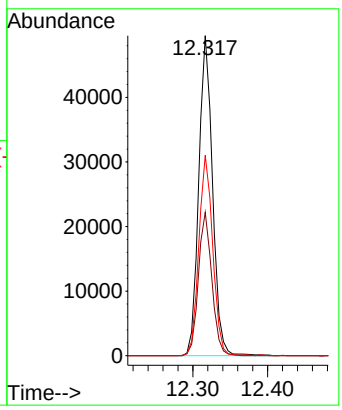


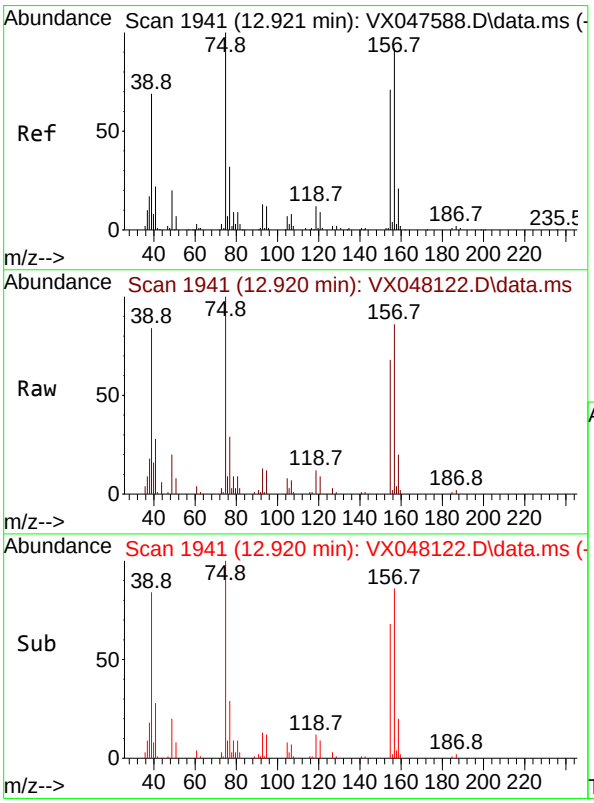
#91
1,2-Dichlorobenzene
Concen: 18.656 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:146 Resp: 63334

Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	63.2	31.8	95.4

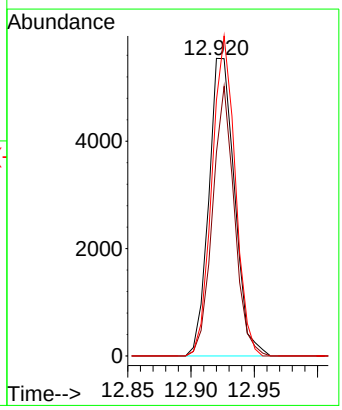


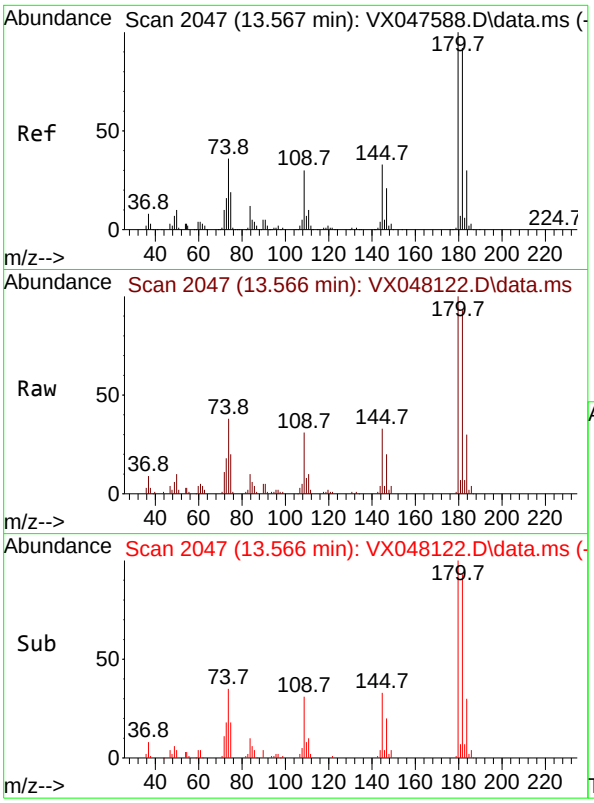


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.469 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion: 75 Resp: 7858

Ion	Ratio	Lower	Upper
75	100		
155	76.7	37.7	113.1
157	96.9	49.8	149.4



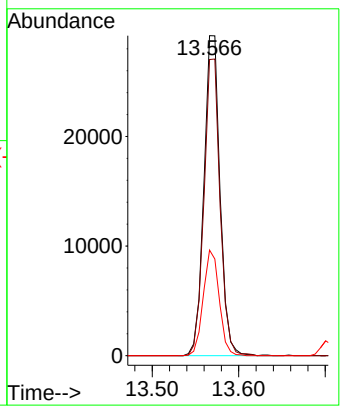


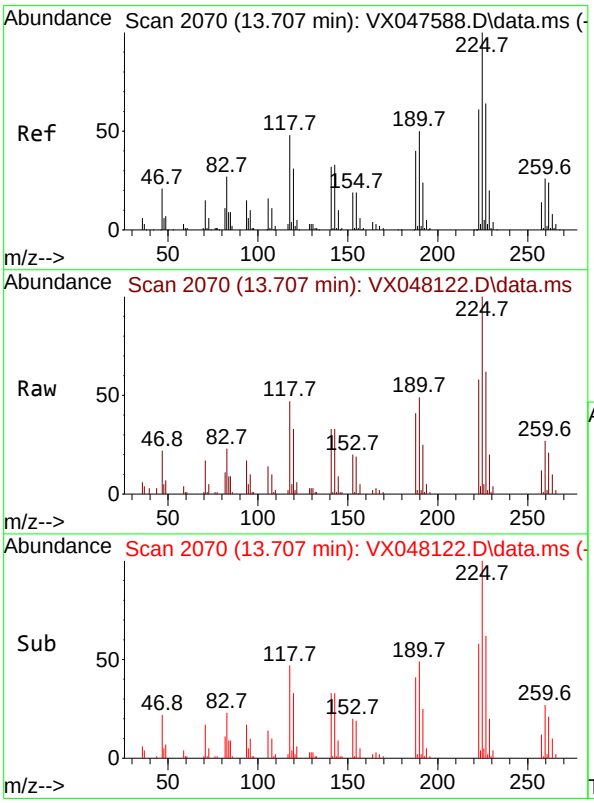
#93
1,2,4-Trichlorobenzene
Concen: 17.095 ug/l
RT: 13.566 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:180 Resp: 37719

Ion	Ratio	Lower	Upper
180	100		
182	92.6	46.6	139.8
145	32.6	16.4	49.1

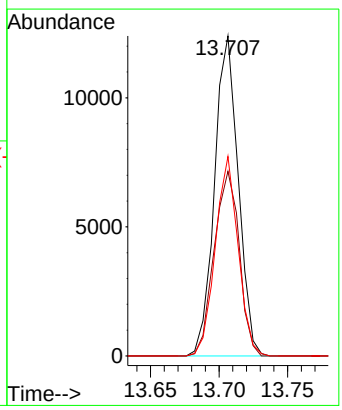


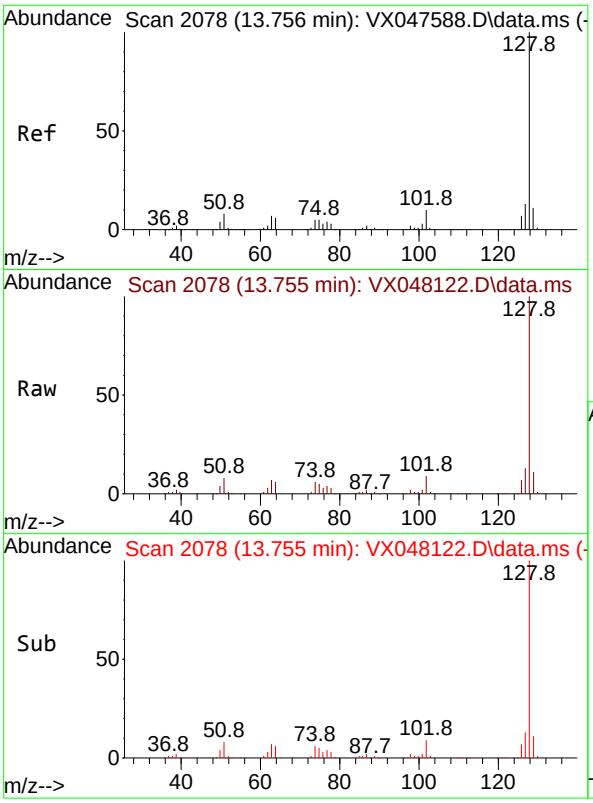


#94
Hexachlorobutadiene
Concen: 19.883 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:225 Resp: 14901

Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.7	95.1
227	60.0	32.0	96.0



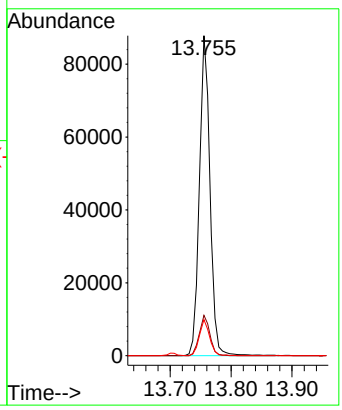


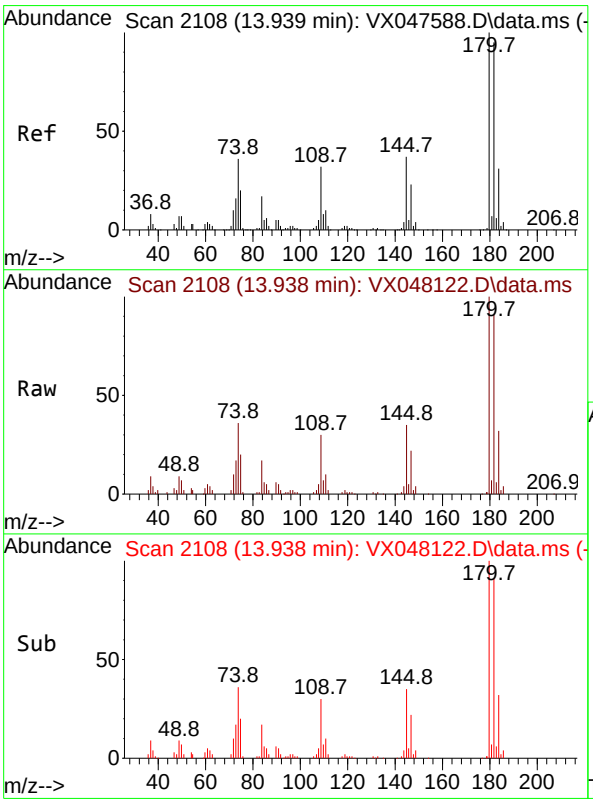
#95
Naphthalene
Concen: 15.812 ug/l
RT: 13.755 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBSD01

Tgt Ion:128 Resp: 106235

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.9	8.8	13.2

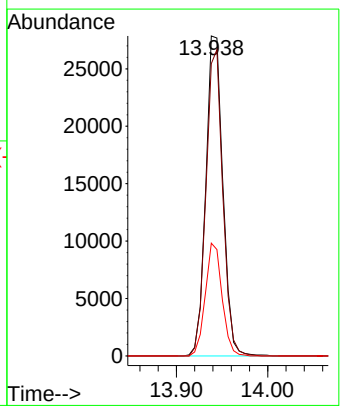




#96
1,2,3-Trichlorobenzene
Concen: 17.615 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048122.D
Acq: 10 Oct 2025 18:59

Tgt Ion:180 Resp: 36153

Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.6	142.8
145	34.5	17.9	53.7



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 10 23:54:14 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	115924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	213821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	202631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99304	53.817	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.640%			
35) Dibromofluoromethane	5.373	113	73813	51.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	8.635	98	247909	49.962	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.920%			
62) 4-Bromofluorobenzene	11.061	95	102307	54.328	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	71543	59.599	ug/l	99
3) Chloromethane	1.301	50	86176	54.622	ug/l	99
4) Vinyl Chloride	1.380	62	92443	59.858	ug/l	98
5) Bromomethane	1.612	94	59066	60.314	ug/l	95
6) Chloroethane	1.691	64	58887	57.050	ug/l	96
7) Trichlorofluoromethane	1.898	101	133569	58.249	ug/l	99
8) Diethyl Ether	2.136	74	51311	54.701	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	75360	56.204	ug/l	100
10) Methyl Iodide	2.459	142	108727	51.994	ug/l	98
11) Tert butyl alcohol	2.947	59	46469	226.118	ug/l	98
12) 1,1-Dichloroethene	2.325	96	78691	57.134	ug/l	95
13) Acrolein	2.240	56	48494	256.068	ug/l	99
14) Allyl chloride	2.666	41	146978	51.715	ug/l	99
15) Acrylonitrile	3.056	53	207552	272.659	ug/l	99
16) Acetone	2.374	43	162518	202.563	ug/l	98
17) Carbon Disulfide	2.514	76	227932	60.452	ug/l	100
18) Methyl Acetate	2.703	43	83613	46.828	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	272093	54.118	ug/l	98
20) Methylene Chloride	2.788	84	95705	56.354	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	85855	57.899	ug/l	98
22) Diisopropyl ether	3.751	45	308357	55.983	ug/l #	80
23) Vinyl Acetate	3.715	43	1250296	283.620	ug/l	100
24) 1,1-Dichloroethane	3.605	63	165382	56.491	ug/l	97
25) 2-Butanone	4.544	43	245843	245.652	ug/l	97
26) 2,2-Dichloropropane	4.471	77	120065	49.337	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	103270	56.868	ug/l	97
28) Bromochloromethane	4.885	49	75279	58.900	ug/l	99
29) Tetrahydrofuran	4.989	42	154067	255.907	ug/l	99
30) Chloroform	5.087	83	170257	57.550	ug/l	94
31) Cyclohexane	5.465	56	136213	55.864	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	142215	56.674	ug/l	99
36) 1,1-Dichloropropene	5.684	75	112448	53.664	ug/l	100
37) Ethyl Acetate	4.702	43	111112	49.524	ug/l	100
38) Carbon Tetrachloride	5.672	117	120916	53.110	ug/l	95
39) Methylcyclohexane	7.367	83	126913	53.357	ug/l	97
40) Benzene	6.025	78	353456	55.537	ug/l	98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 10 23:54:14 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)
41) Methacrylonitrile	4.904	41	58889	50.842	ug/l		99
42) 1,2-Dichloroethane	6.074	62	131974	54.500	ug/l		100
43) Isopropyl Acetate	6.324	43	182608	49.627	ug/l		99
44) Trichloroethene	7.111	130	83781	54.451	ug/l		98
45) 1,2-Dichloropropane	7.415	63	90070	55.269	ug/l		99
46) Dibromomethane	7.568	93	66354	55.952	ug/l		99
47) Bromodichloromethane	7.806	83	134946	55.144	ug/l		99
48) Methyl methacrylate	7.678	41	93383	50.949	ug/l		99
49) 1,4-Dioxane	7.647	88	20865	1126.435	ug/l		96
51) 4-Methyl-2-Pentanone	8.562	43	527706	258.661	ug/l		100
52) Toluene	8.702	92	220041	56.118	ug/l		99
53) t-1,3-Dichloropropene	8.964	75	133380	53.434	ug/l		100
54) cis-1,3-Dichloropropene	8.354	75	147096	55.133	ug/l		99
55) 1,1,2-Trichloroethane	9.135	97	82800	54.764	ug/l		96
56) Ethyl methacrylate	9.104	69	128555	54.141	ug/l		98
57) 1,3-Dichloropropane	9.293	76	146320	56.337	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.226	63	300624	263.994	ug/l		100
59) 2-Hexanone	9.415	43	359879	245.611	ug/l		99
60) Dibromochloromethane	9.507	129	99916	57.354	ug/l		100
61) 1,2-Dibromoethane	9.592	107	88086	57.200	ug/l		100
64) Tetrachloroethene	9.263	164	70394	53.291	ug/l		97
65) Chlorobenzene	10.061	112	242656	52.712	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	83378	52.488	ug/l		99
67) Ethyl Benzene	10.177	91	413625	52.075	ug/l		99
68) m/p-Xylenes	10.287	106	316828	107.168	ug/l		98
69) o-Xylene	10.622	106	149891	52.418	ug/l		99
70) Styrene	10.640	104	264817	52.853	ug/l		98
71) Bromoform	10.781	173	60646	51.130	ug/l	#	99
73) Isopropylbenzene	10.945	105	377029	45.514	ug/l		98
74) N-amyl acetate	10.829	43	162680	43.065	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	113538	45.302	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	124754	56.550	ug/l		90
77) Bromobenzene	11.183	156	96645	47.370	ug/l		97
78) n-propylbenzene	11.287	91	455204	46.485	ug/l		99
79) 2-Chlorotoluene	11.348	91	276346	46.076	ug/l		100
80) 1,3,5-Trimethylbenzene	11.433	105	316254	46.468	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.000	75	33955	39.251	ug/l		100
82) 4-Chlorotoluene	11.439	91	328330	46.351	ug/l		99
83) tert-Butylbenzene	11.695	119	315475	45.281	ug/l		99
84) 1,2,4-Trimethylbenzene	11.732	105	324439	47.020	ug/l		99
85) sec-Butylbenzene	11.872	105	379460	45.854	ug/l		100
86) p-Isopropyltoluene	11.994	119	319363	45.585	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	174074	45.935	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	175818	45.205	ug/l		100
89) n-Butylbenzene	12.317	91	293175	45.225	ug/l		99
90) Hexachloroethane	12.518	117	57744	46.945	ug/l		98
91) 1,2-Dichlorobenzene	12.317	146	167273	46.332	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.921	75	21745	42.854	ug/l		100
93) 1,2,4-Trichlorobenzene	13.567	180	102039	43.488	ug/l		98
94) Hexachlorobutadiene	13.707	225	34201	42.912	ug/l		99
95) Naphthalene	13.756	128	310337	43.435	ug/l		100
96) 1,2,3-Trichlorobenzene	13.939	180	95358	43.689	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 10 23:54:14 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)

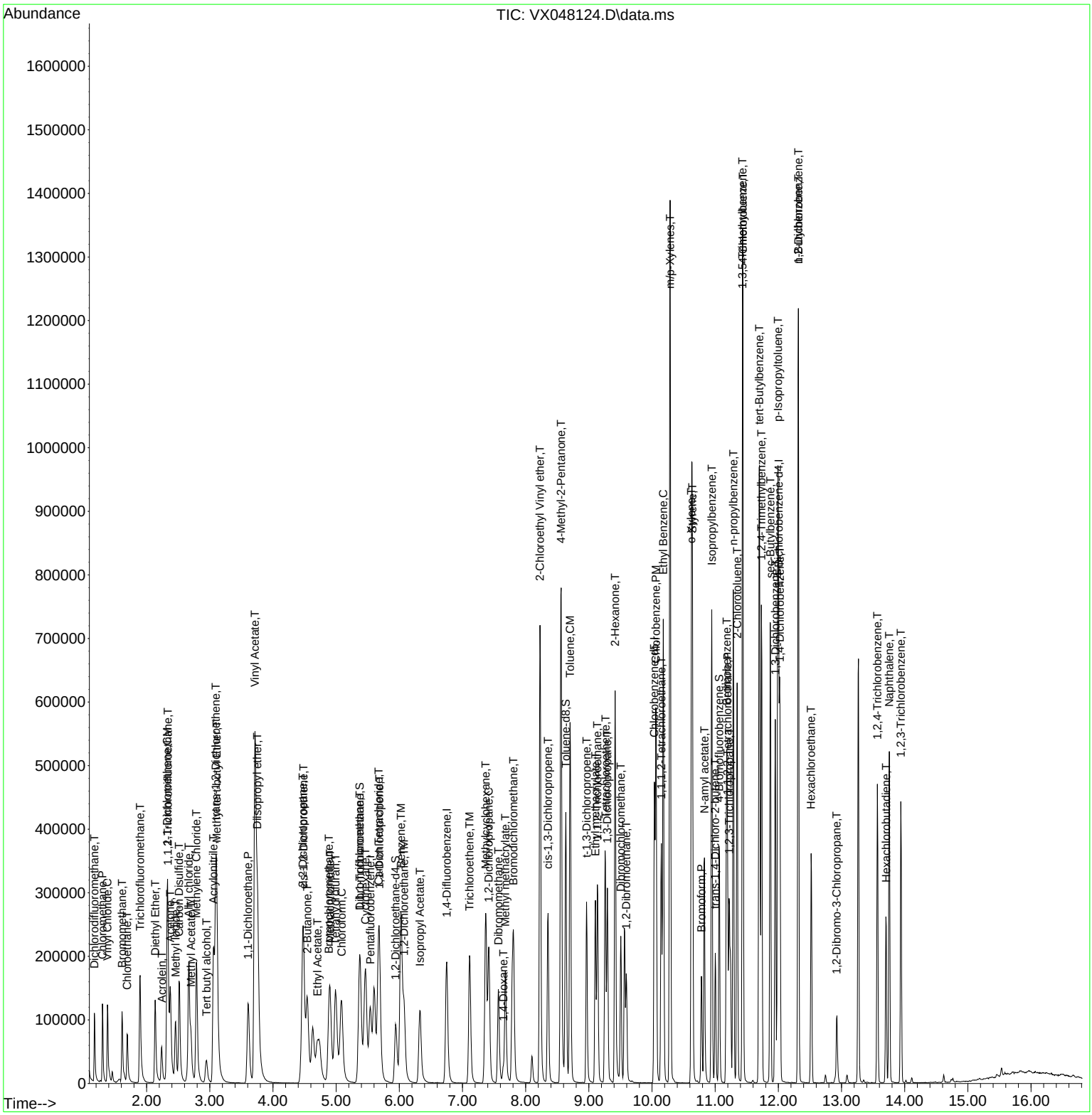
(#) = qualifier out of range (m) = manual integration (+) = signals summed

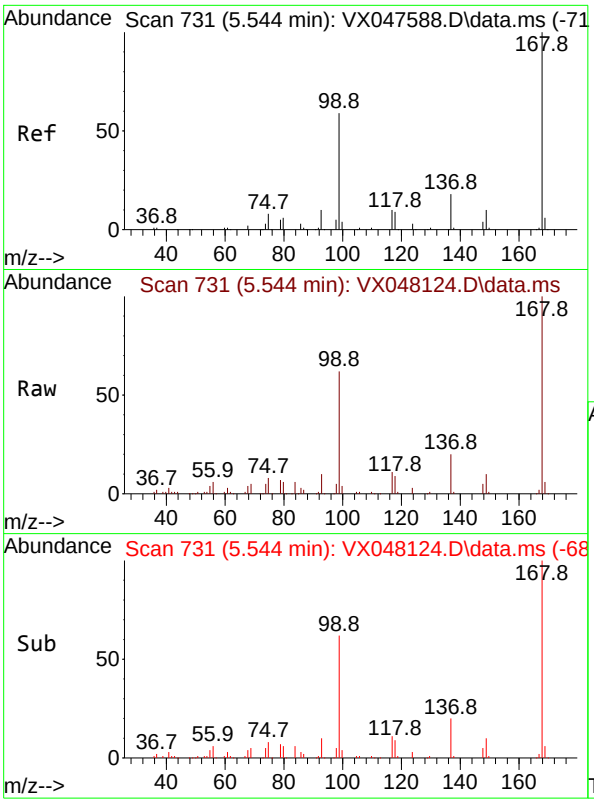
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048124.D
Acq On : 10 Oct 2025 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 10 23:54:14 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



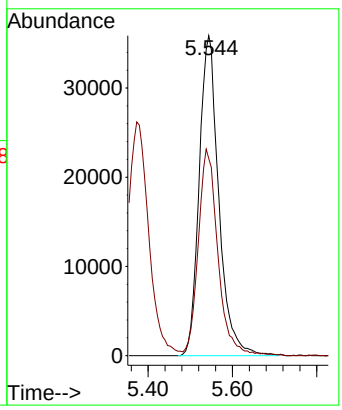


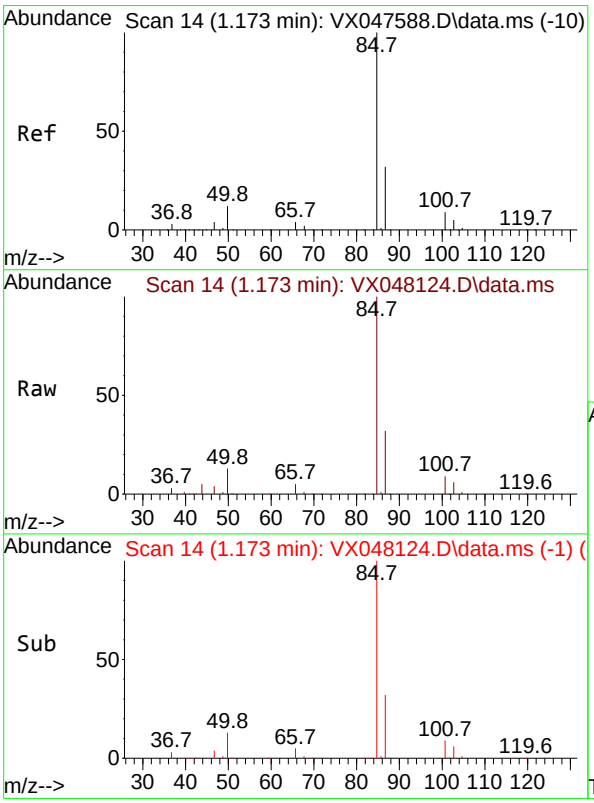
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 115924

Ion	Ratio	Lower	Upper
168	100		
99	61.3	48.8	73.2

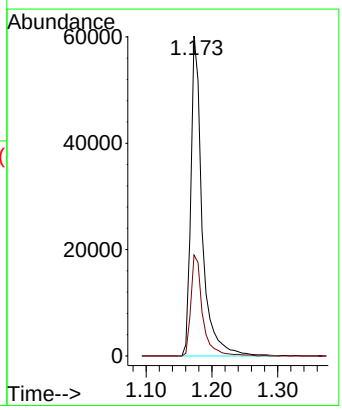


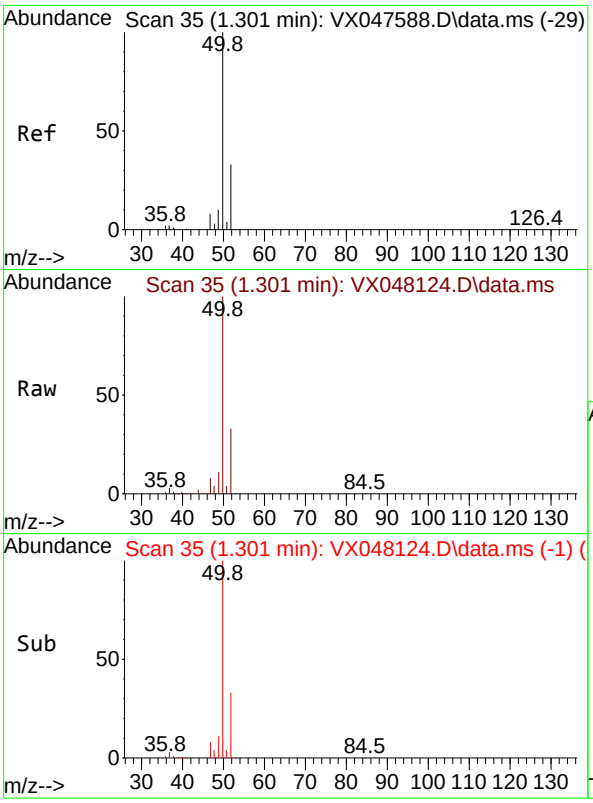


#2
Dichlorodifluoromethane
Concen: 59.599 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 85 Resp: 71543

Ion	Ratio	Lower	Upper
85	100		
87	32.0	15.8	47.3



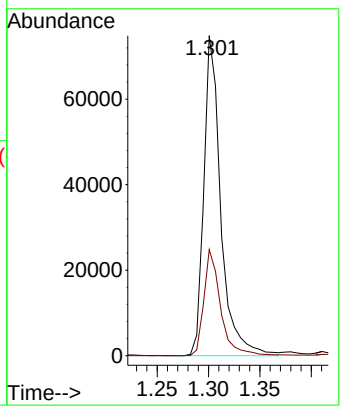


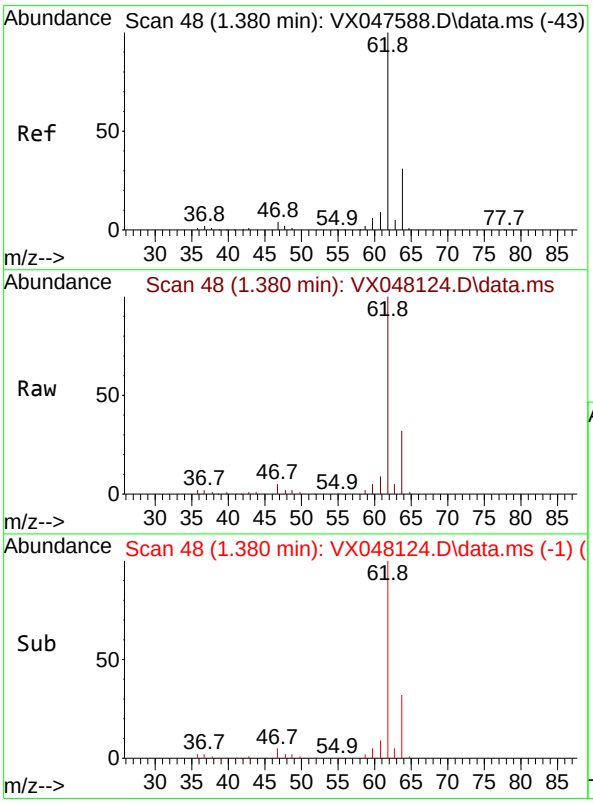
#3
Chloromethane
Concen: 54.622 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 86176

Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.1	39.1

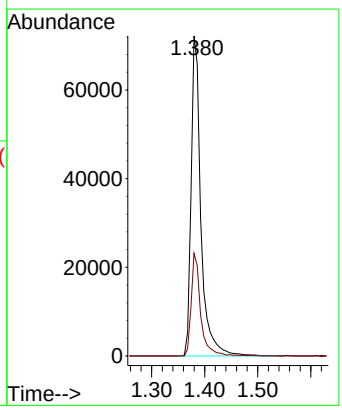


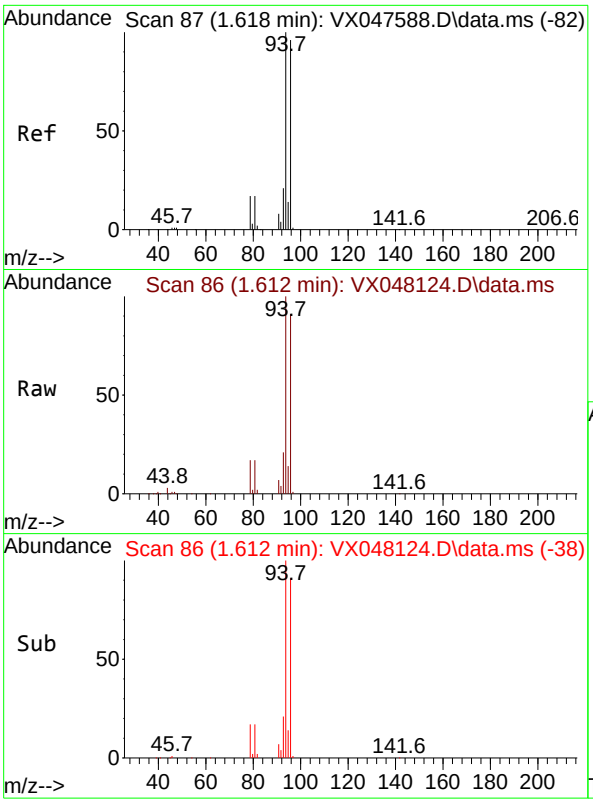


#4
Vinyl Chloride
Concen: 59.858 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 62 Resp: 92443

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.9	37.3



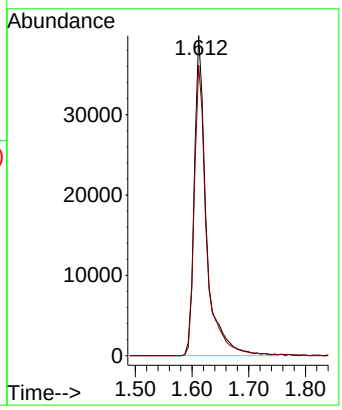


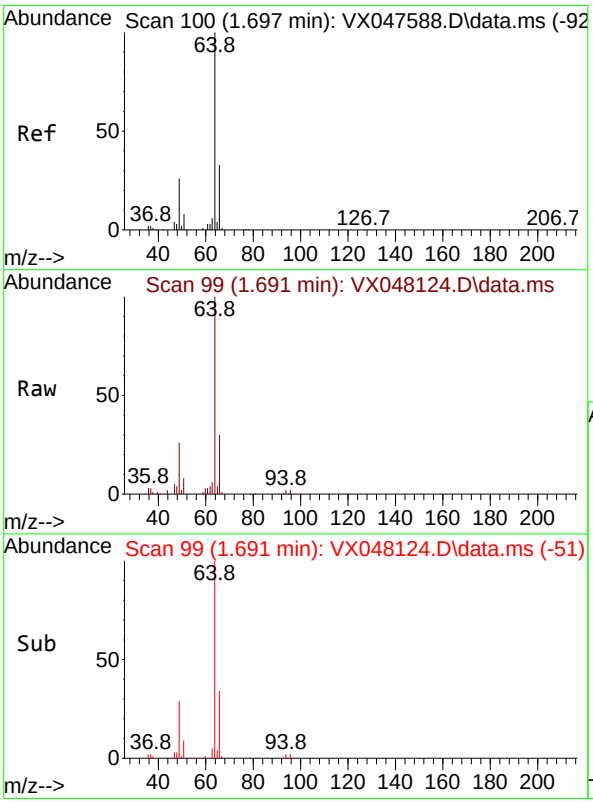
#5
Bromomethane
Concen: 60.314 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 59066

Ion	Ratio	Lower	Upper
94	100		
96	90.7	76.6	115.0

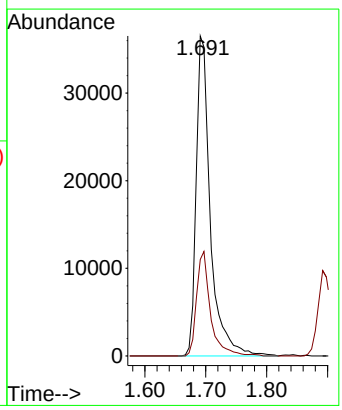


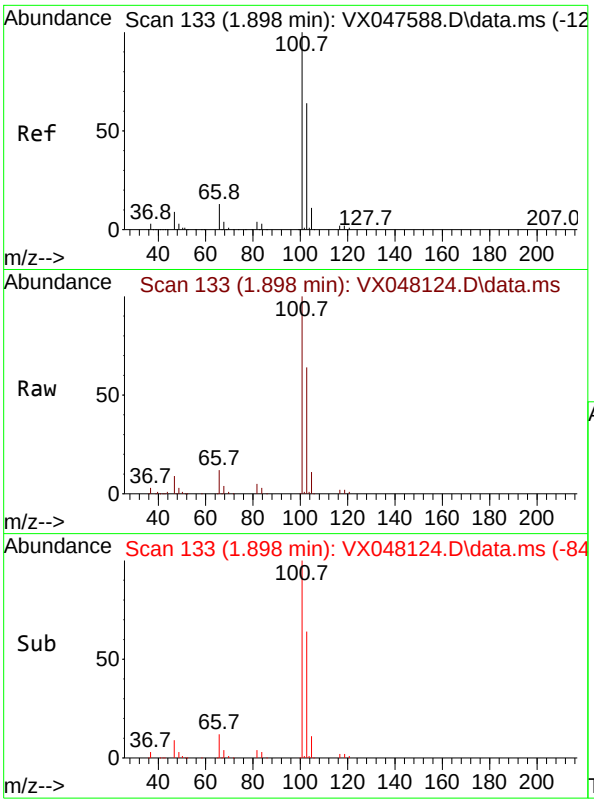


#6
Chloroethane
Concen: 57.050 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 64 Resp: 58887

Ion	Ratio	Lower	Upper
64	100		
66	30.1	26.1	39.1



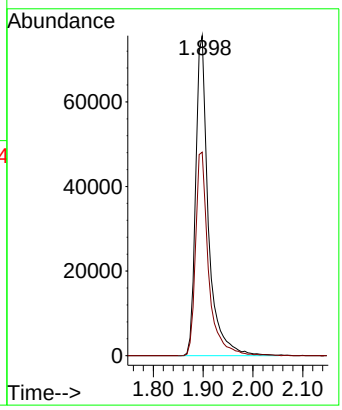


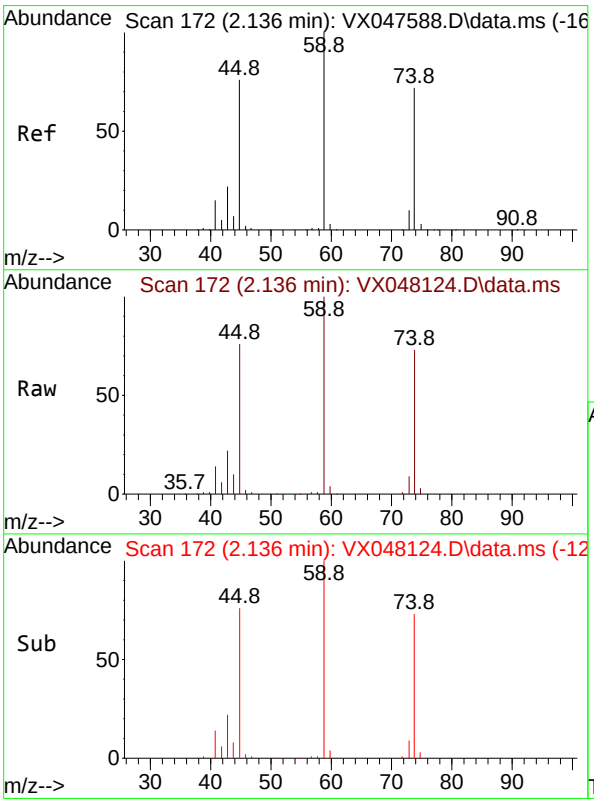
#7
Trichlorofluoromethane
Concen: 58.249 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 133569

Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.4	77.2

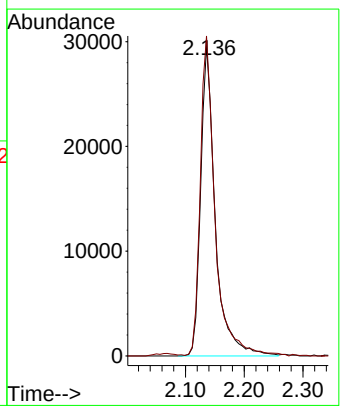


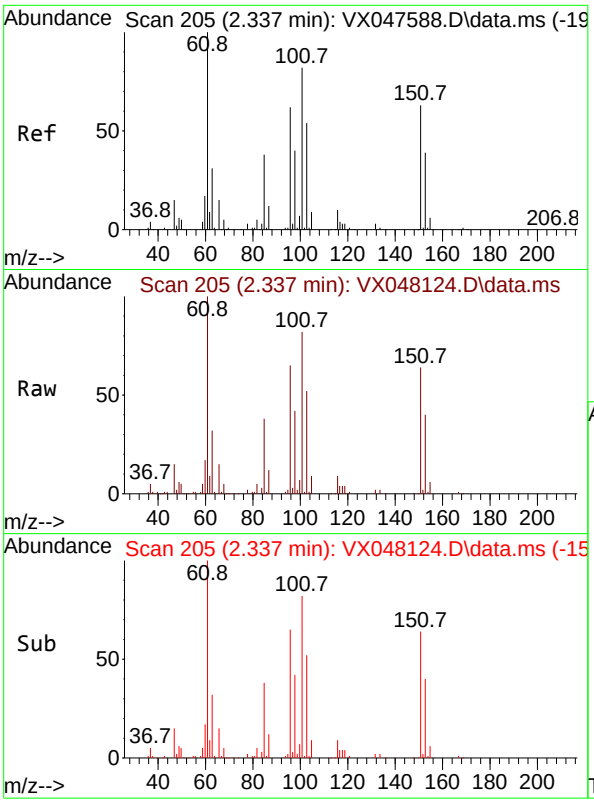


#8
Diethyl Ether
Concen: 54.701 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 74 Resp: 51311

Ion	Ratio	Lower	Upper
74	100		
45	104.5	52.3	156.8



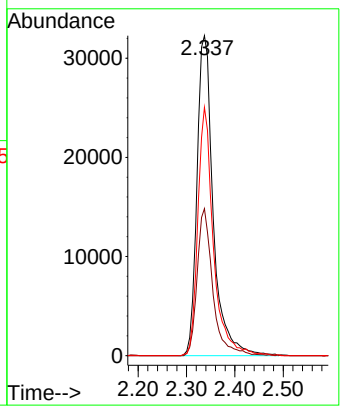


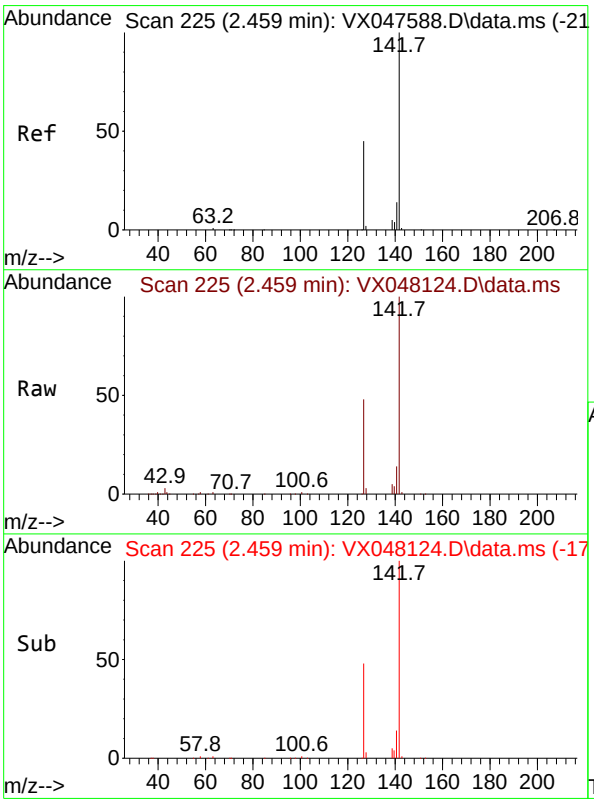
#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.204 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 75360

Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.5	53.3
151	74.6	59.4	89.0

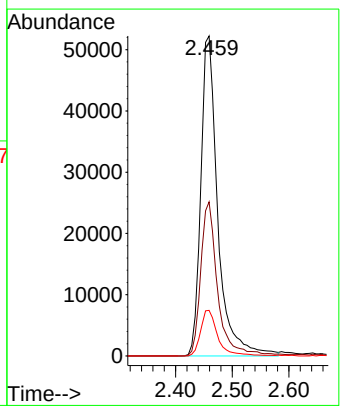


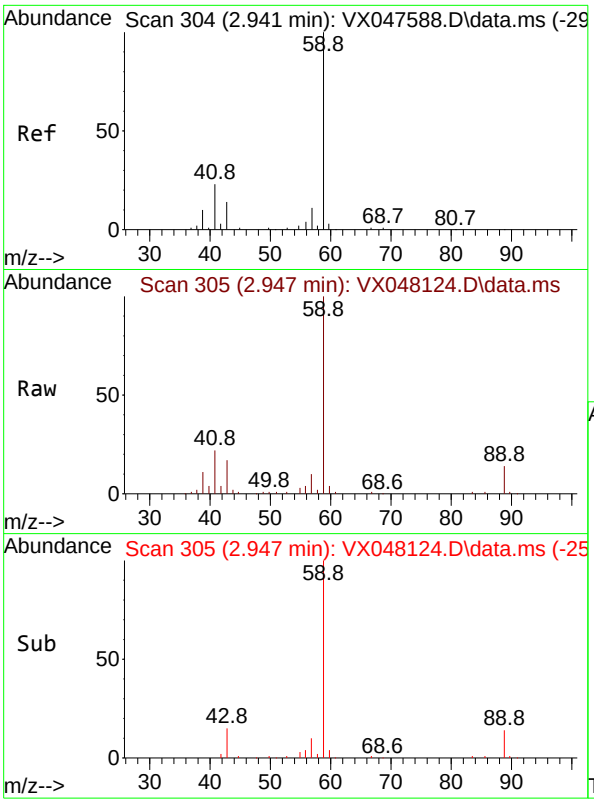


#10
Methyl Iodide
Concen: 51.994 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:142 Resp: 108727

Ion	Ratio	Lower	Upper
142	100		
127	48.1	37.2	55.8
141	14.4	11.4	17.0



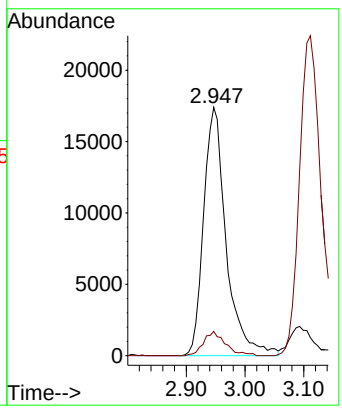


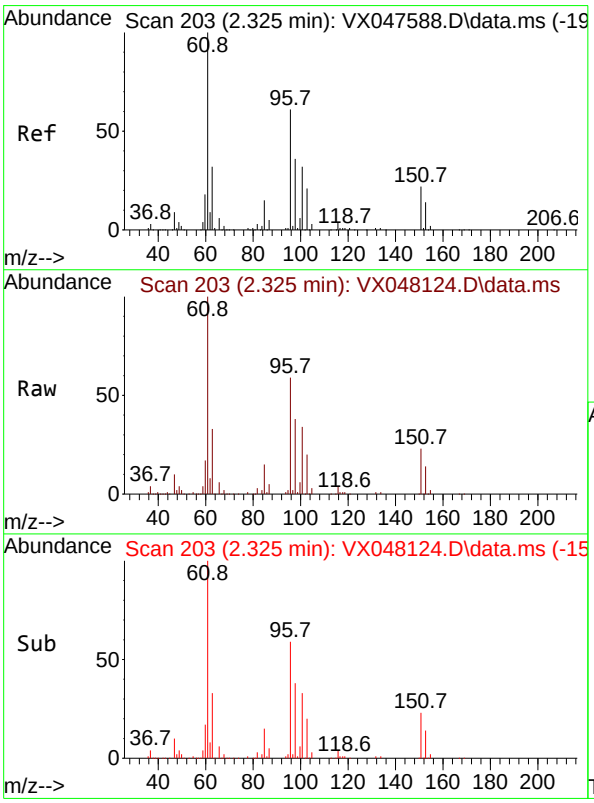
#11
Tert butyl alcohol
Concen: 226.118 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 46469

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5

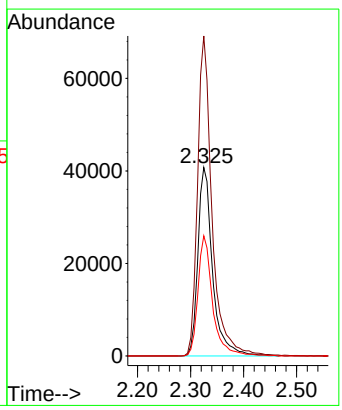


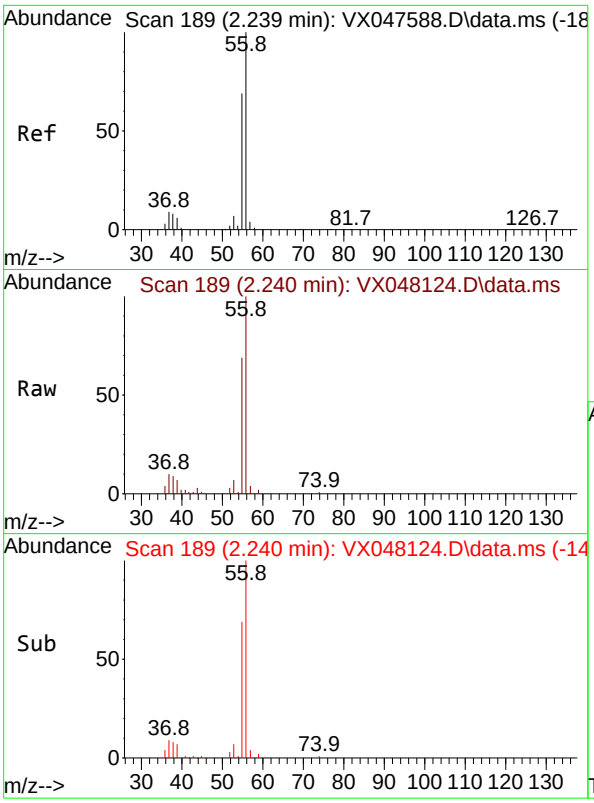


#12
1,1-Dichloroethene
Concen: 57.134 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 96 Resp: 78691

Ion	Ratio	Lower	Upper
96	100		
61	169.8	131.0	196.6
98	63.8	47.7	71.5



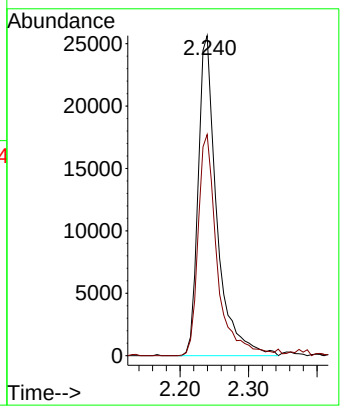


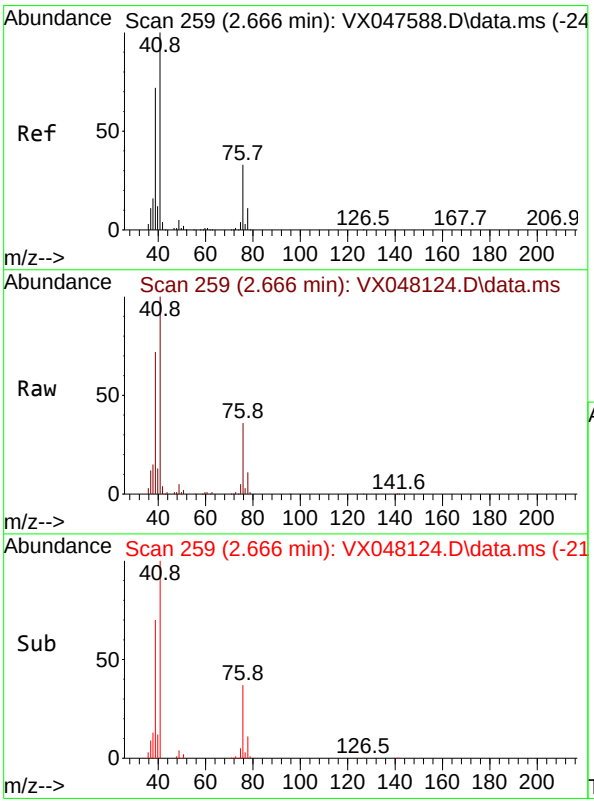
#13
Acrolein
Concen: 256.068 ug/l
RT: 2.240 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 48494

Ion	Ratio	Lower	Upper
56	100		
55	70.7	57.2	85.8

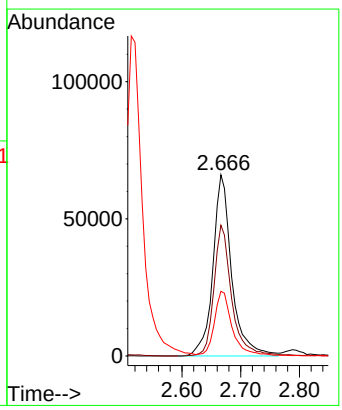


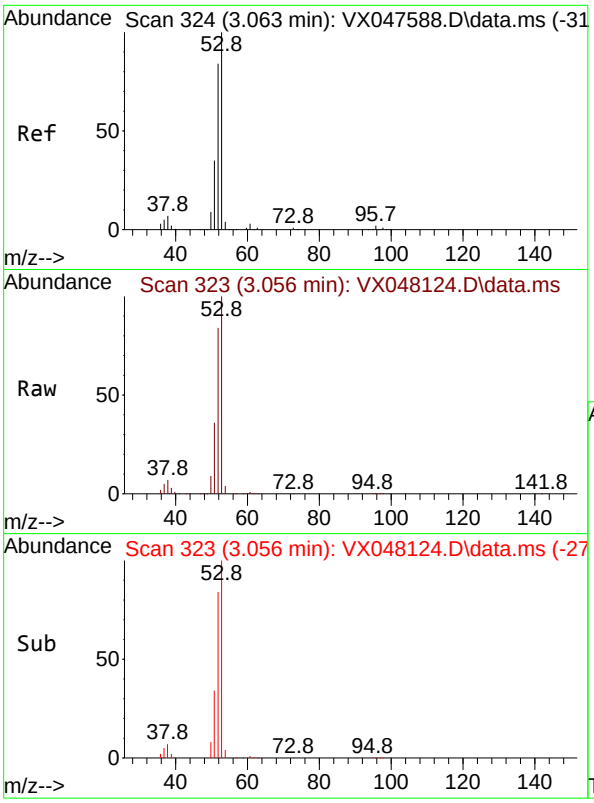


#14
Allyl chloride
Concen: 51.715 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 41 Resp: 146978

Ion	Ratio	Lower	Upper
41	100		
39	68.3	54.7	82.1
76	33.9	25.7	38.5



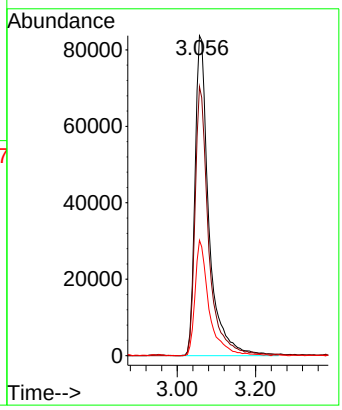


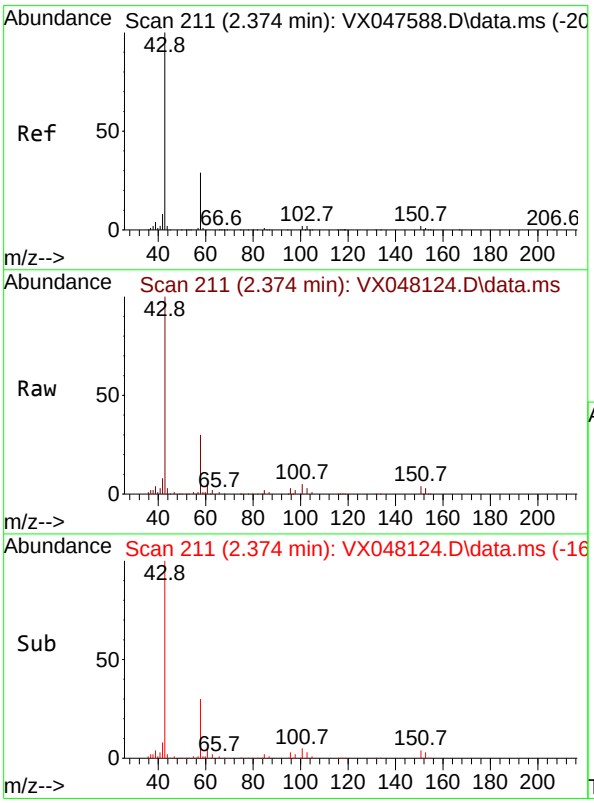
#15
Acrylonitrile
Concen: 272.659 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 207552

Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.4	99.6
51	36.6	29.5	44.3

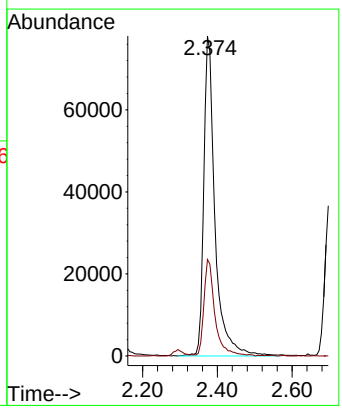


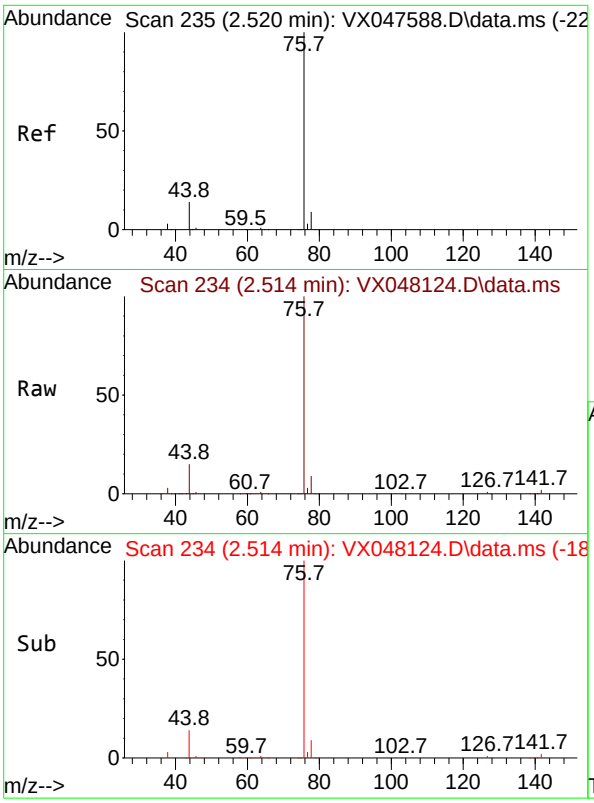


#16
Acetone
Concen: 202.563 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 162518

Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.4	35.0



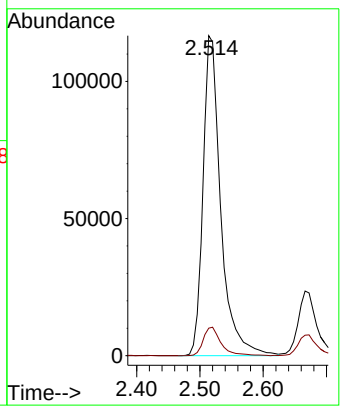


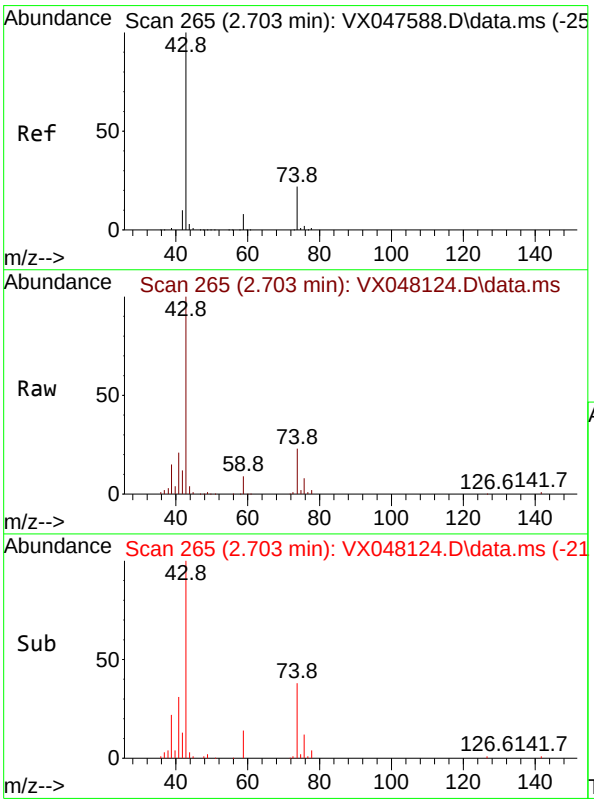
#17
Carbon Disulfide
Concen: 60.452 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 227932

Ion	Ratio	Lower	Upper
76	100		
78	8.6	6.8	10.2

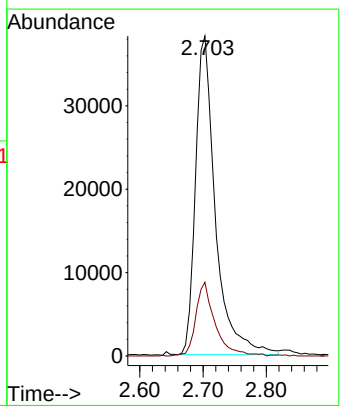


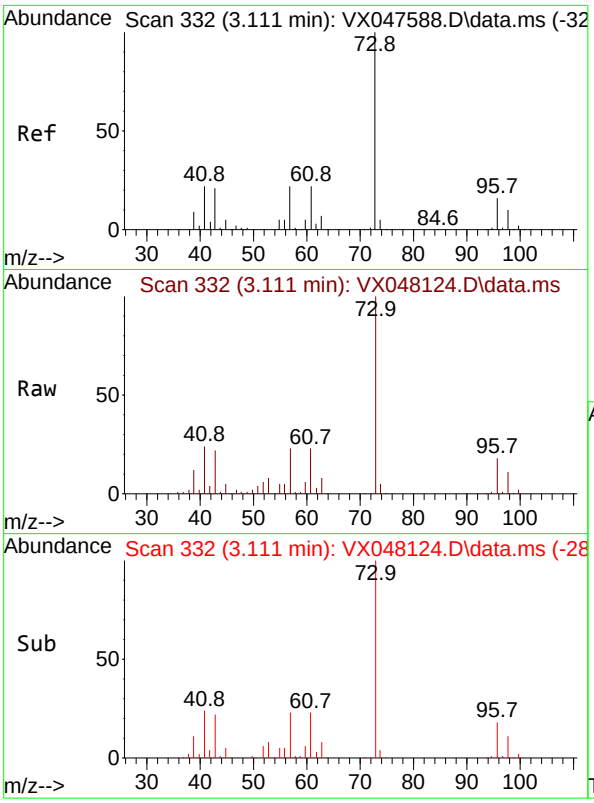


#18
Methyl Acetate
Concen: 46.828 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 83613

Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.4	26.2



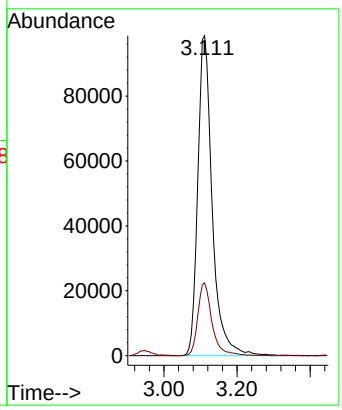


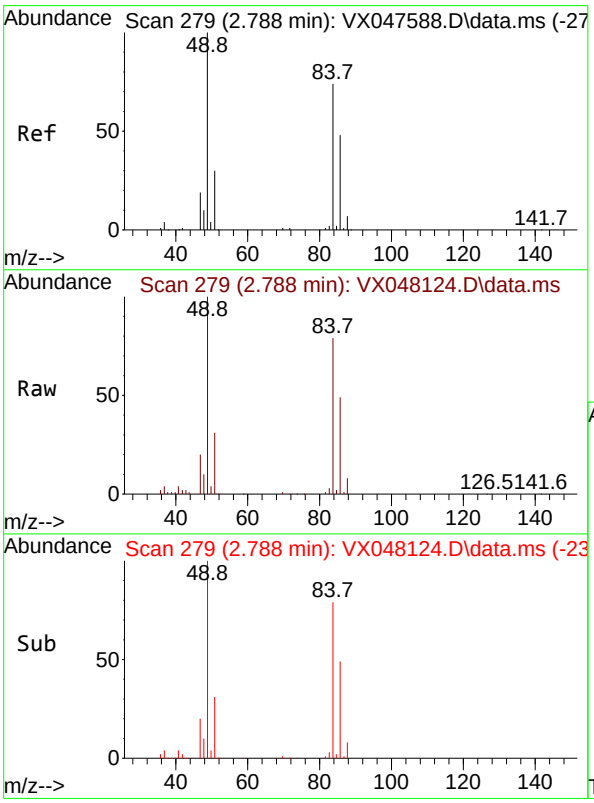
#19
Methyl tert-butyl Ether
Concen: 54.118 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 272093

Ion	Ratio	Lower	Upper
73	100		
57	22.7	17.4	26.2

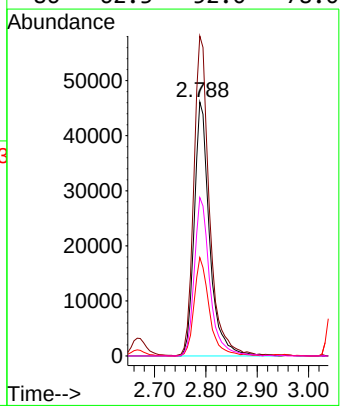


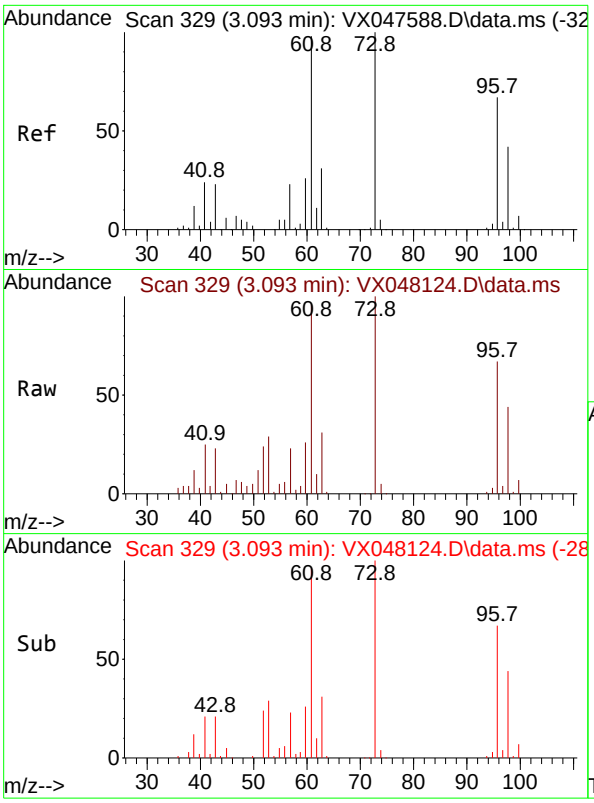


#20
Methylene Chloride
Concen: 56.354 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 84 Resp: 95705

Ion	Ratio	Lower	Upper
84	100		
49	125.6	108.6	162.8
51	38.6	32.6	48.8
86	62.3	52.0	78.0



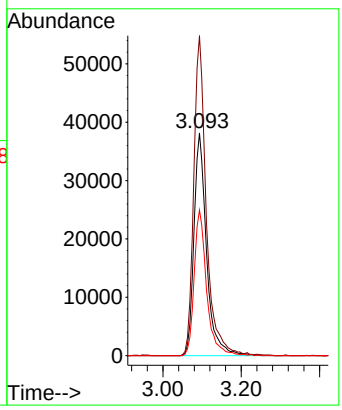


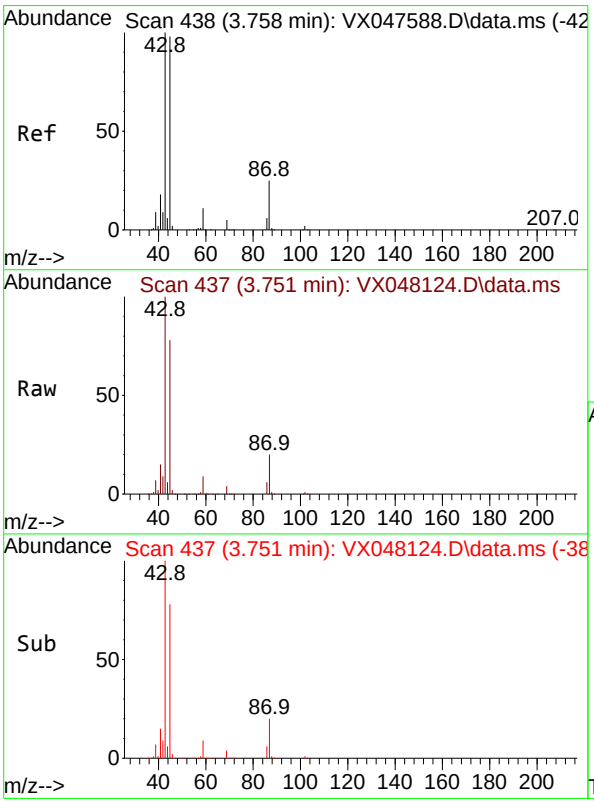
#21
trans-1,2-Dichloroethene
Concen: 57.899 ug/l
RT: 3.093 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 85855

Ion	Ratio	Lower	Upper
96	100		
61	143.7	116.2	174.2
98	65.4	49.3	73.9

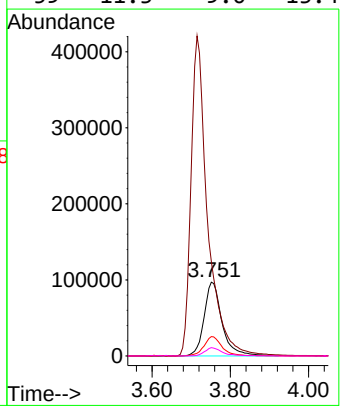


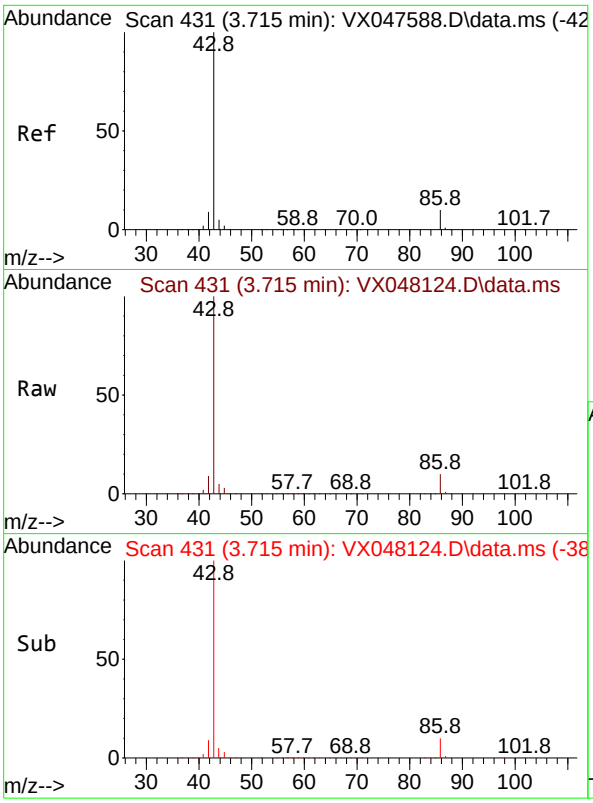


#22
Diisopropyl ether
Concen: 55.983 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 45 Resp: 308357

Ion	Ratio	Lower	Upper
45	100		
43	128.1	81.0	121.4#
87	26.3	20.3	30.5
59	11.3	9.0	13.4



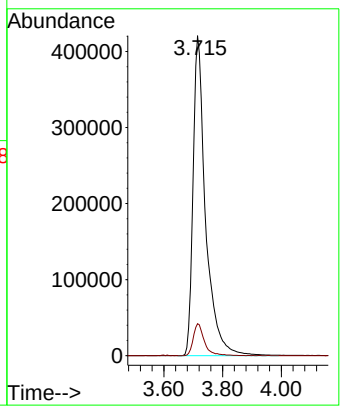


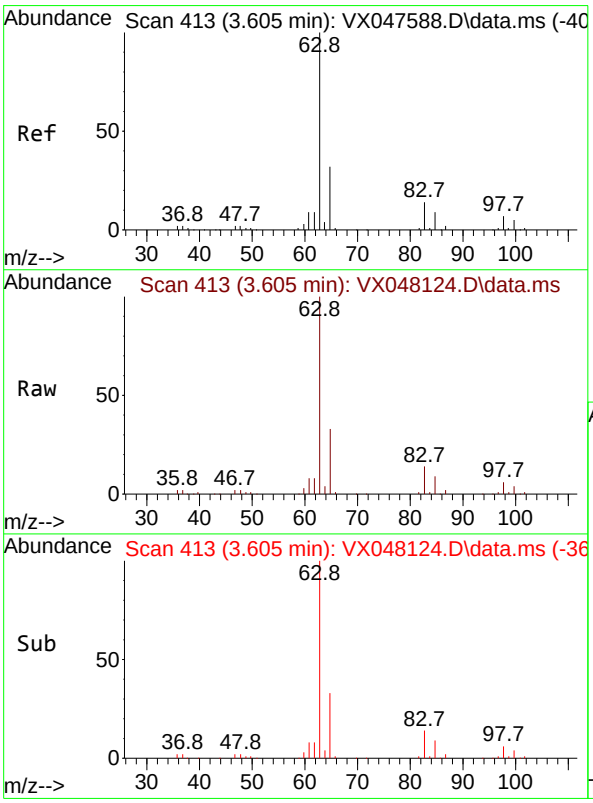
#23
Vinyl Acetate
Concen: 283.620 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1250296

Ion	Ratio	Lower	Upper
43	100		
86	10.0	7.8	11.8

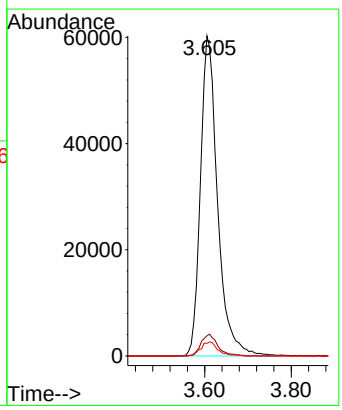


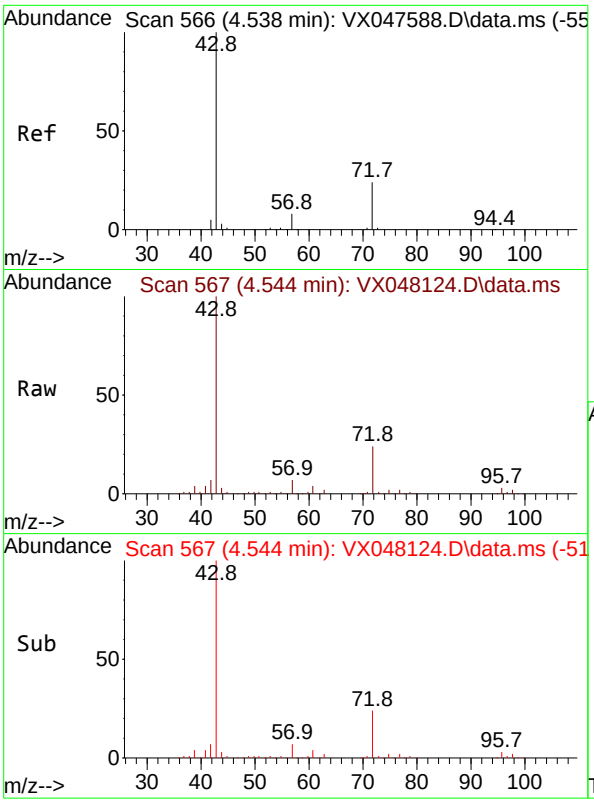


#24
1,1-Dichloroethane
Concen: 56.491 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 63 Resp: 165382

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.8	11.2
100	4.0	2.3	6.9



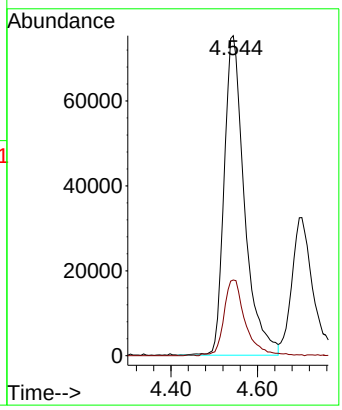


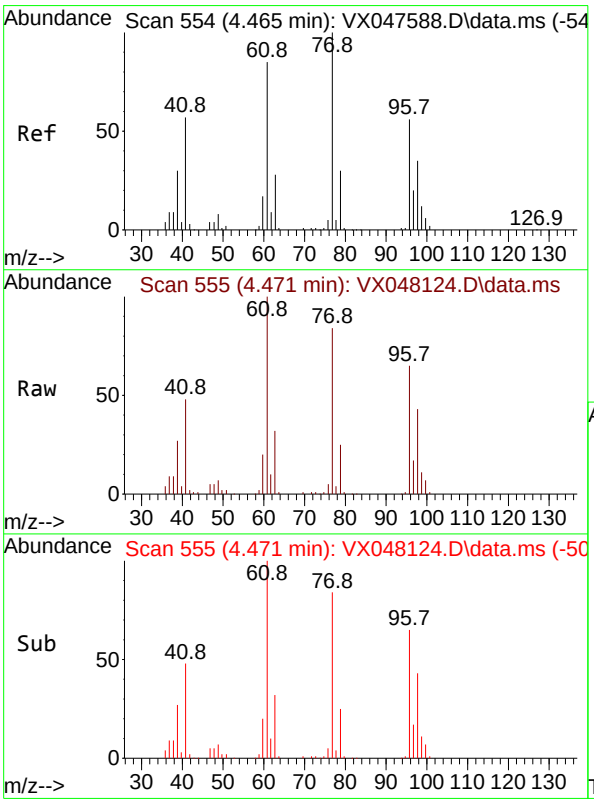
#25
2-Butanone
Concen: 245.652 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 245843

Ion	Ratio	Lower	Upper
43	100		
72	23.8	20.1	30.1

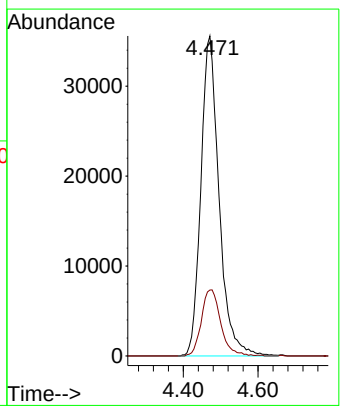


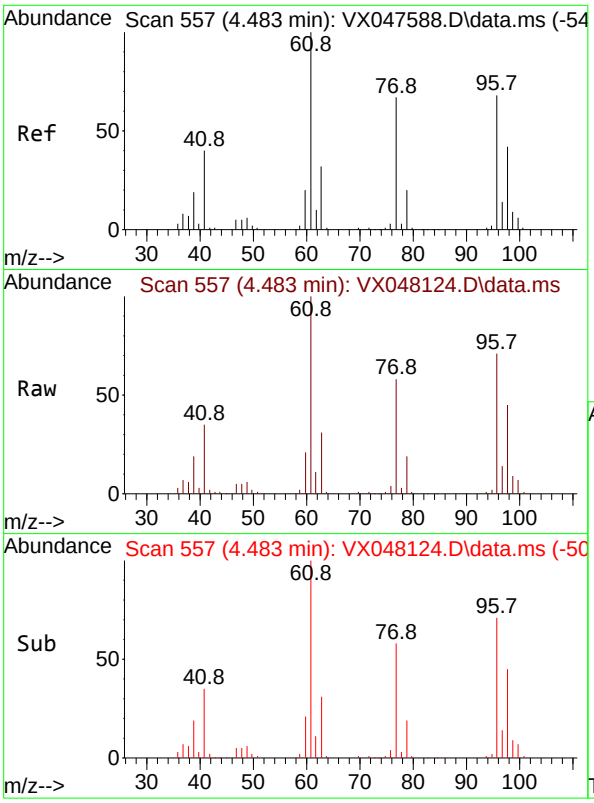


#26
2,2-Dichloropropane
Concen: 49.337 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 77 Resp: 120065

Ion	Ratio	Lower	Upper
77	100		
97	22.0	10.9	32.7



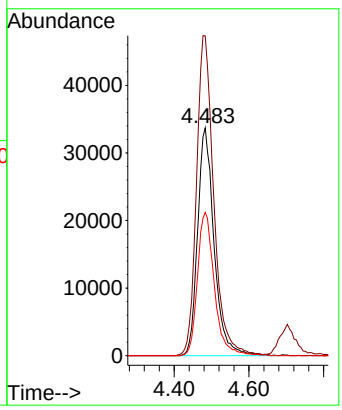


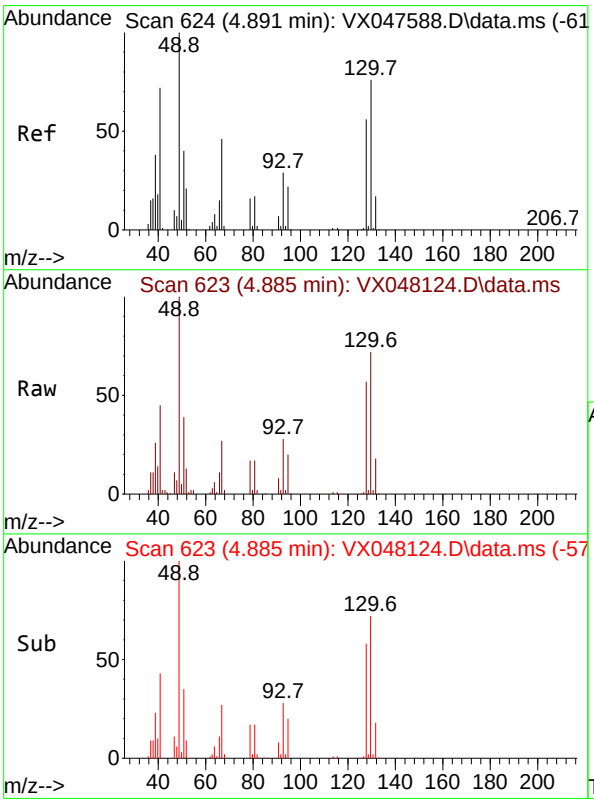
#27
cis-1,2-Dichloroethene
Concen: 56.868 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 103270

Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	303.2
98	64.4	0.0	127.8

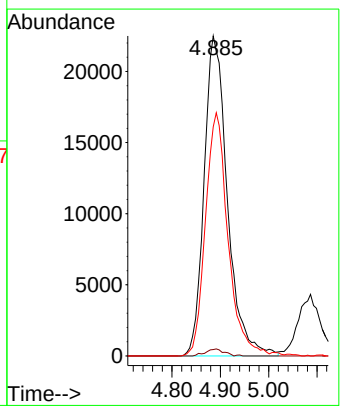


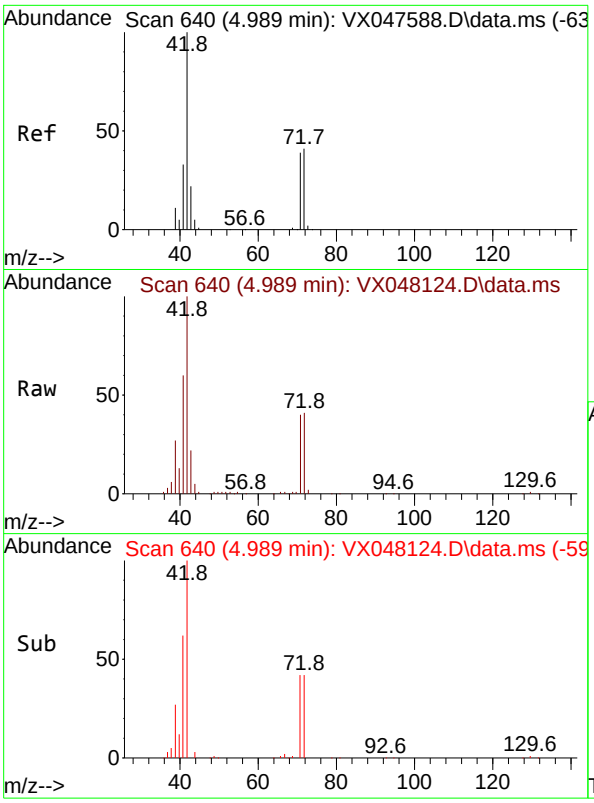


#28
Bromochloromethane
Concen: 58.900 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 49 Resp: 75279

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	73.5	57.8	86.8



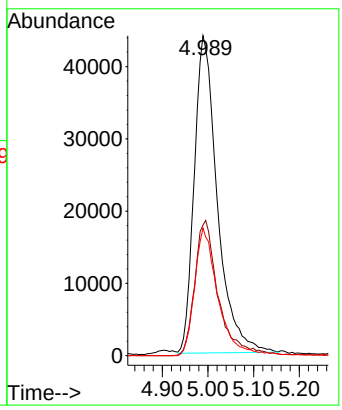


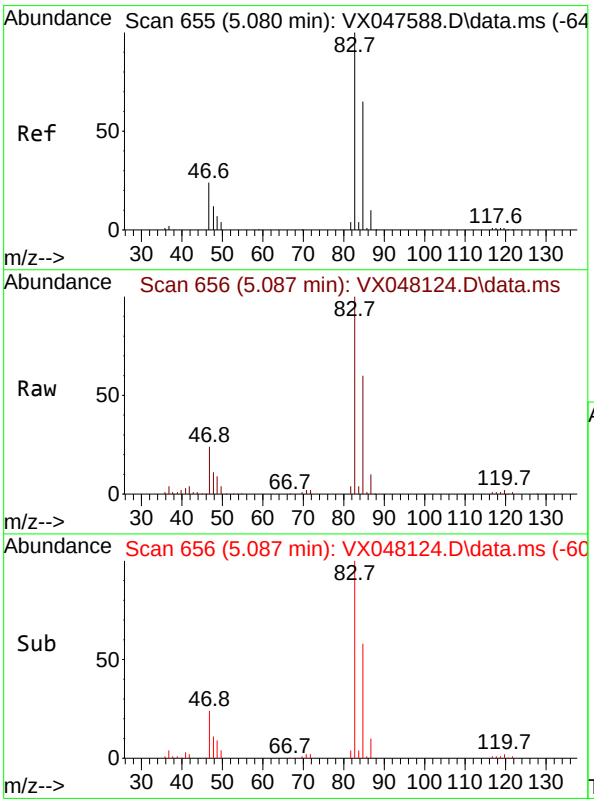
#29
Tetrahydrofuran
Concen: 255.907 ug/l
RT: 4.989 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 154067

Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.2	51.2
71	40.6	31.9	47.9

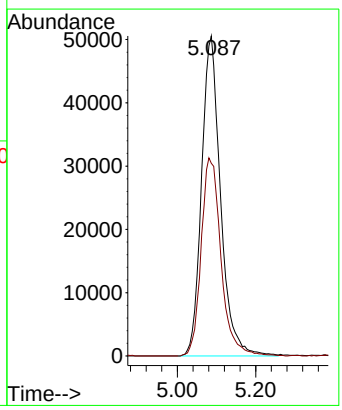


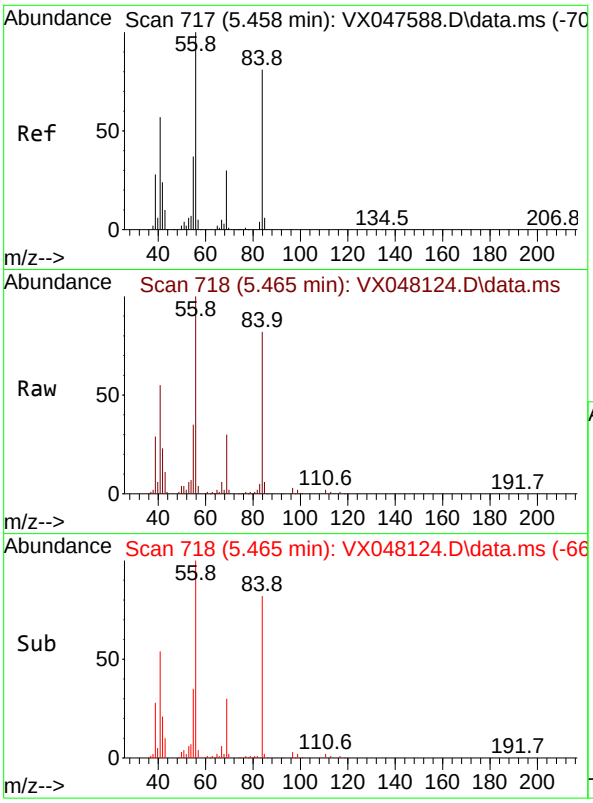


#30
Chloroform
Concen: 57.550 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 83 Resp: 170257

Ion	Ratio	Lower	Upper
83	100		
85	60.2	51.8	77.6



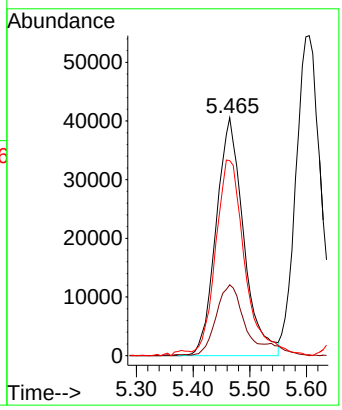


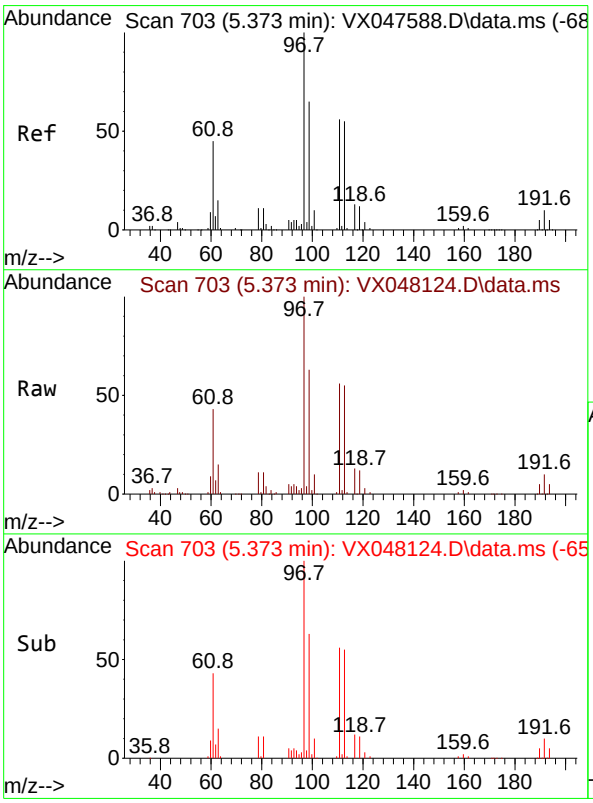
#31
Cyclohexane
Concen: 55.864 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 136213

Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.8	35.8
84	80.1	64.6	97.0

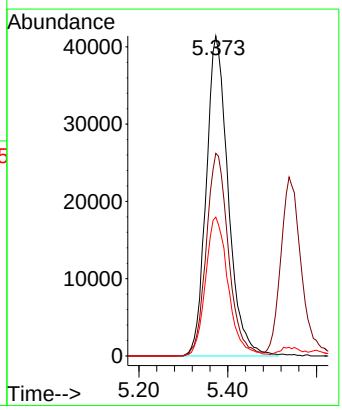


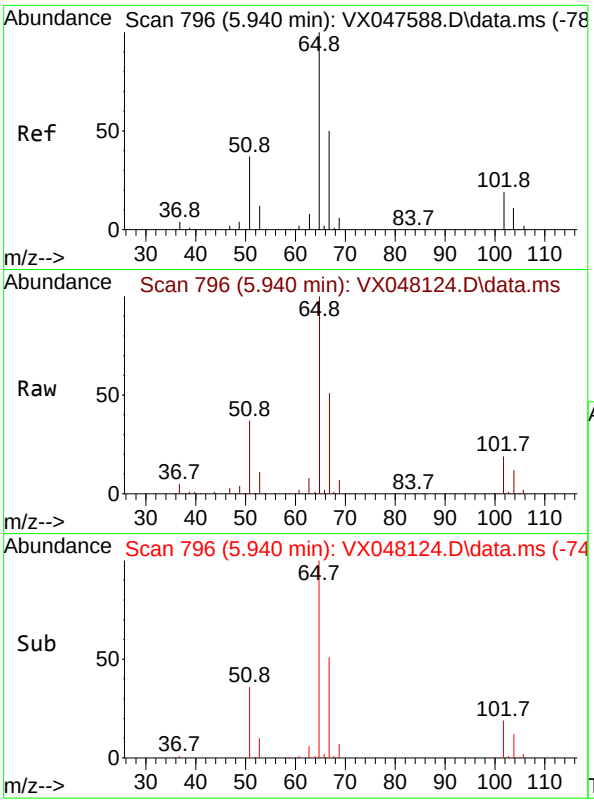


#32
1,1,1-Trichloroethane
Concen: 56.674 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 97 Resp: 142215

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	76.0
61	44.8	35.8	53.8



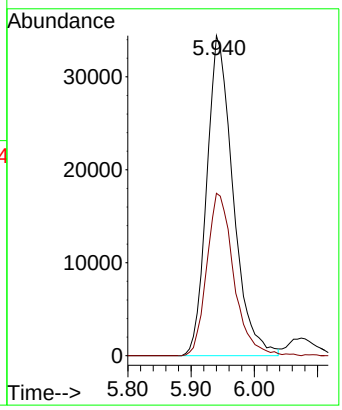


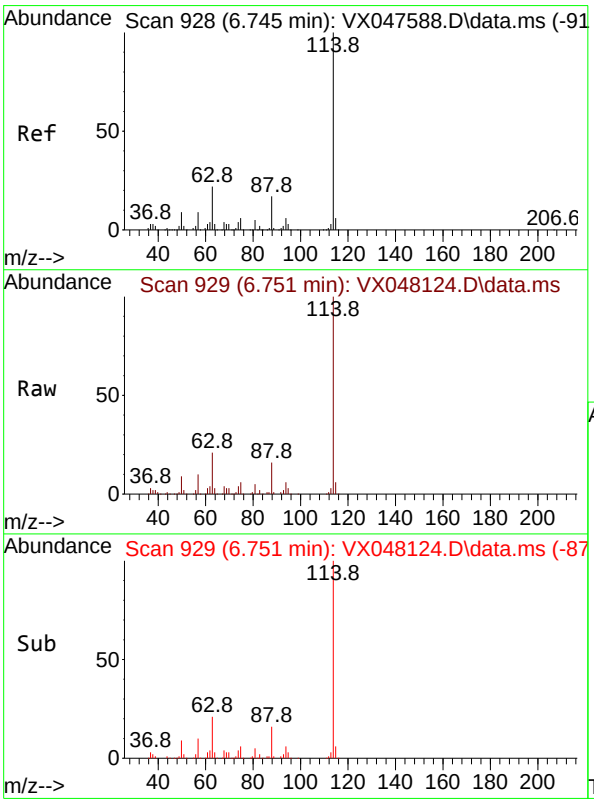
#33
1,2-Dichloroethane-d4
Concen: 53.817 ug/l
RT: 5.940 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 99304

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0

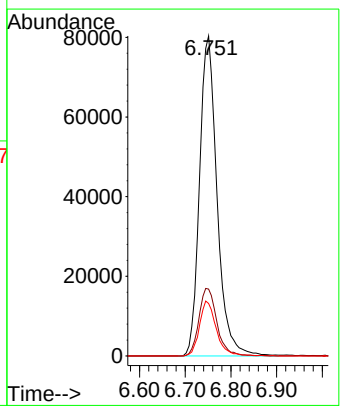


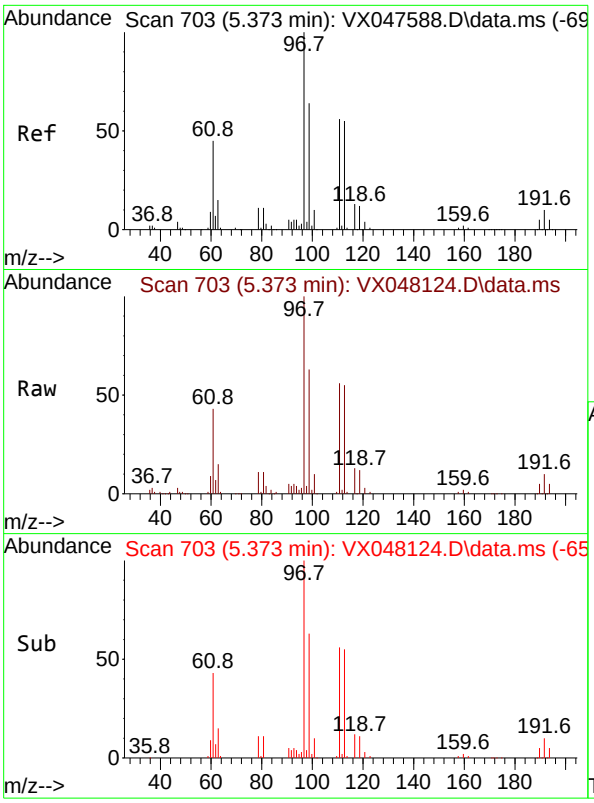


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:114 Resp: 213821

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	44.0
88	16.4	0.0	34.2



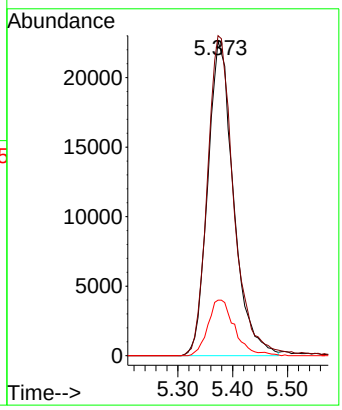


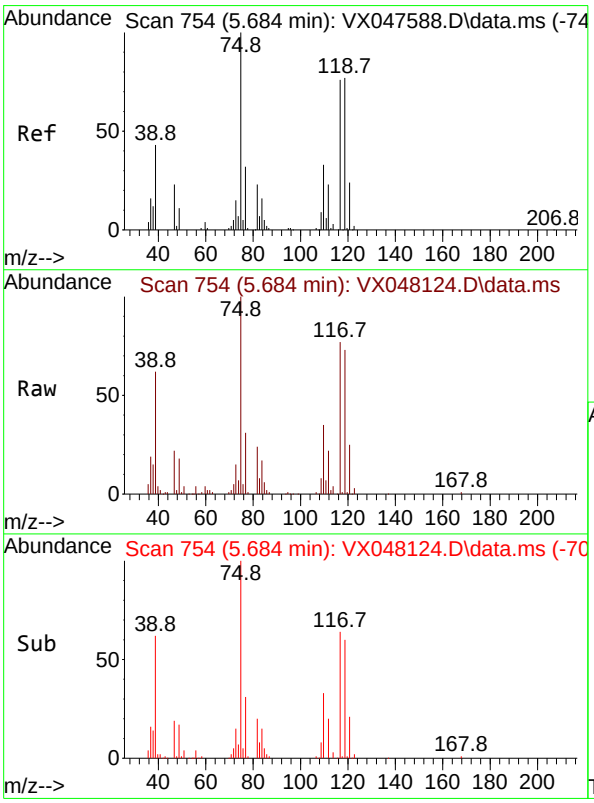
#35
Dibromofluoromethane
Concen: 51.473 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 73813

Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.9	121.3
192	18.4	14.2	21.4

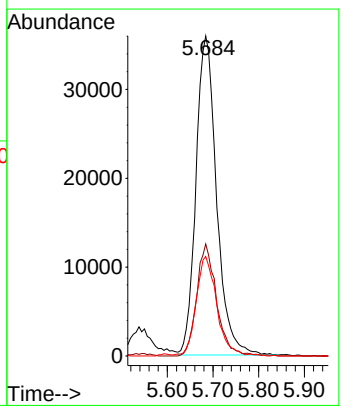


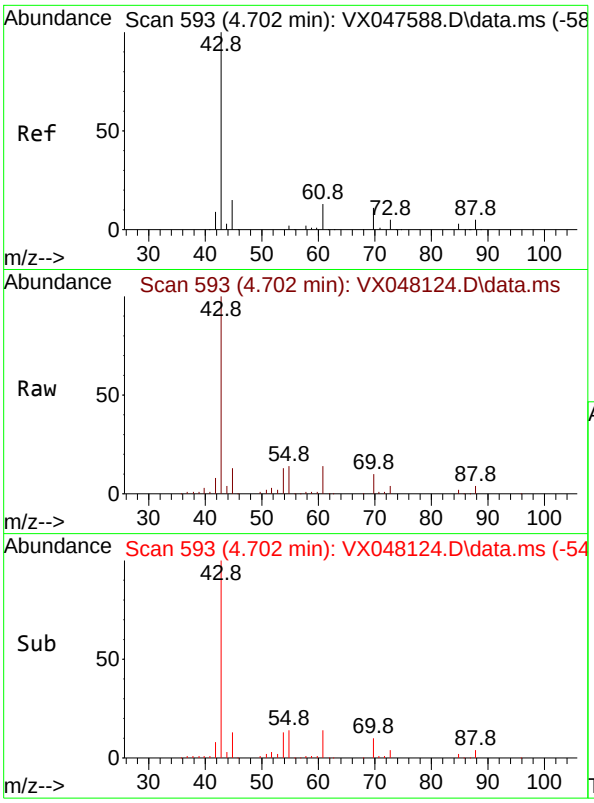


#36
1,1-Dichloropropene
Concen: 53.664 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 112448

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.7	50.1
77	30.4	24.3	36.5



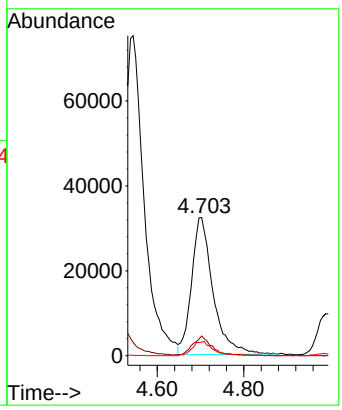


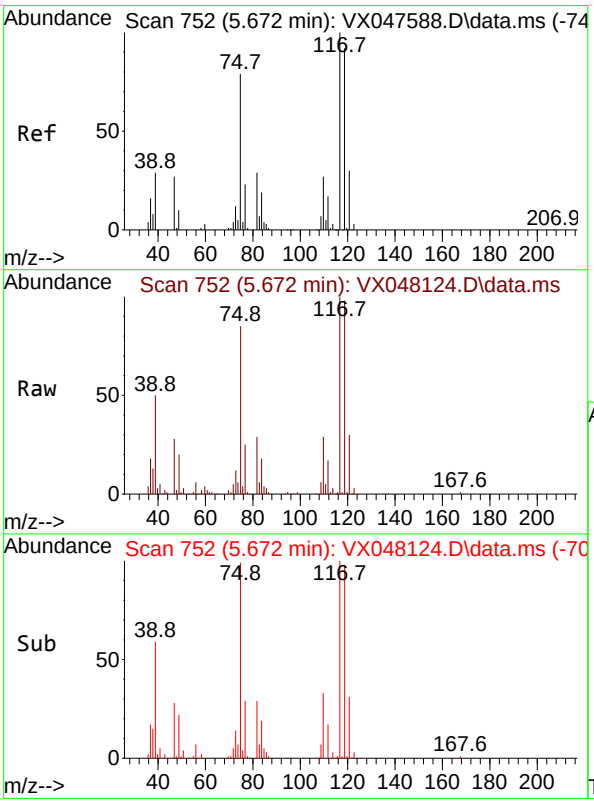
#37
Ethyl Acetate
Concen: 49.524 ug/l
RT: 4.702 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 111112

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.8
70	9.9	7.9	11.9

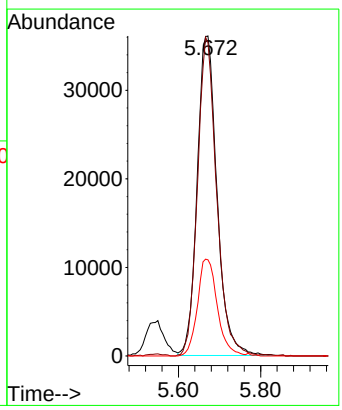


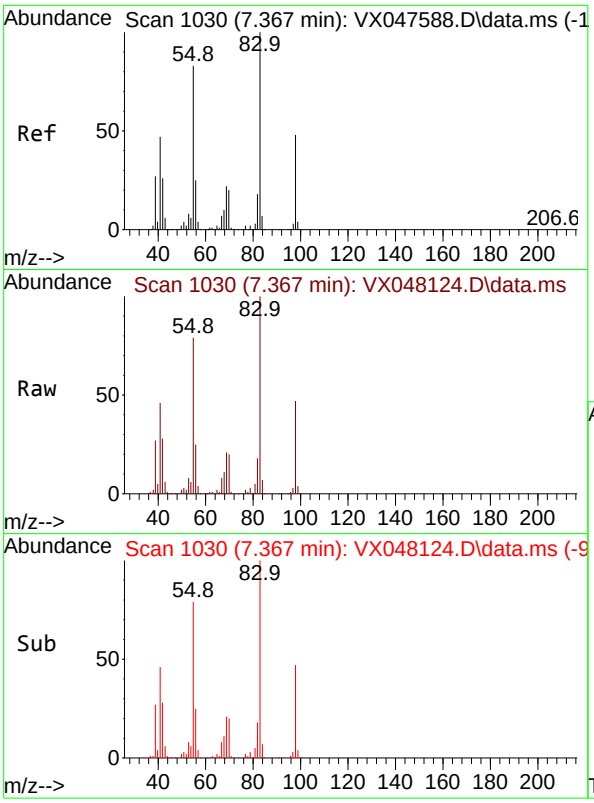


#38
Carbon Tetrachloride
Concen: 53.110 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:117 Resp: 120916

Ion	Ratio	Lower	Upper
117	100		
119	97.9	73.4	110.2
121	30.1	23.8	35.6



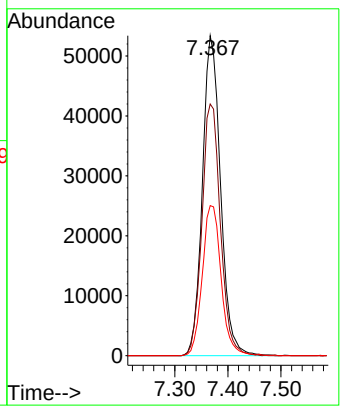


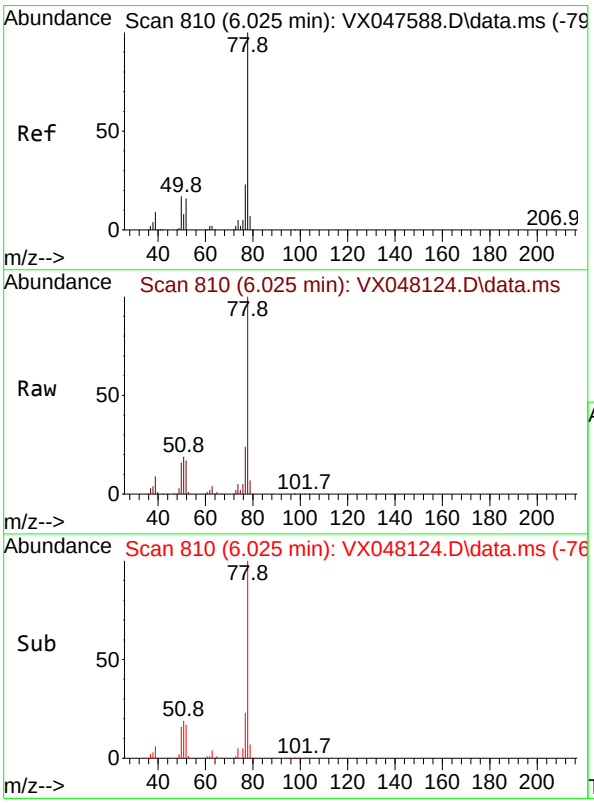
#39
Methylcyclohexane
Concen: 53.357 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 126913

Ion	Ratio	Lower	Upper
83	100		
55	78.6	66.4	99.6
98	46.9	38.1	57.1

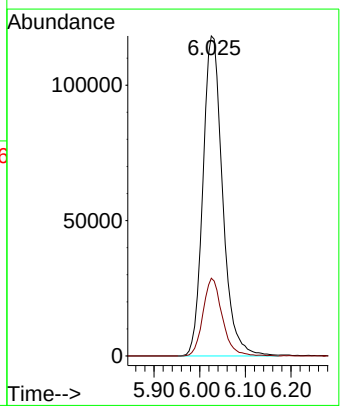


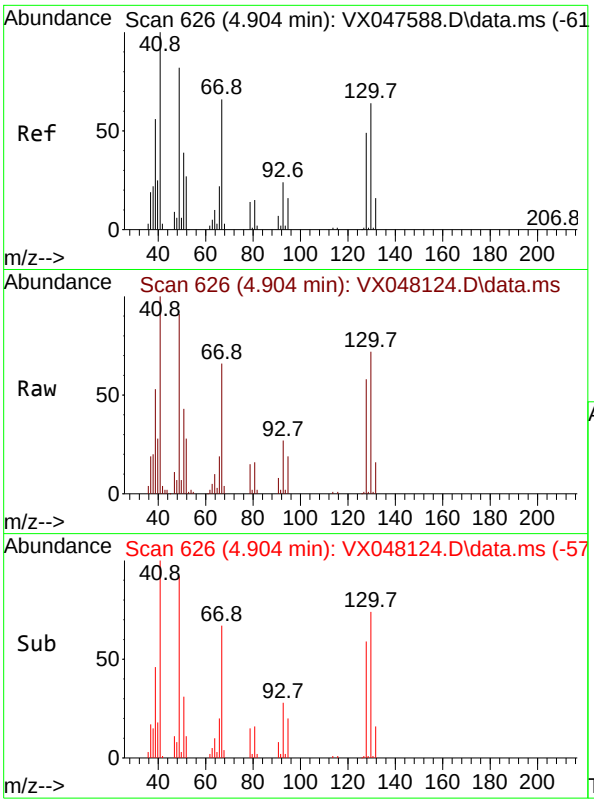


#40
Benzene
Concen: 55.537 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 78 Resp: 353456

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2



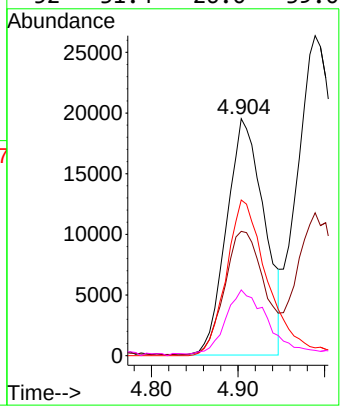


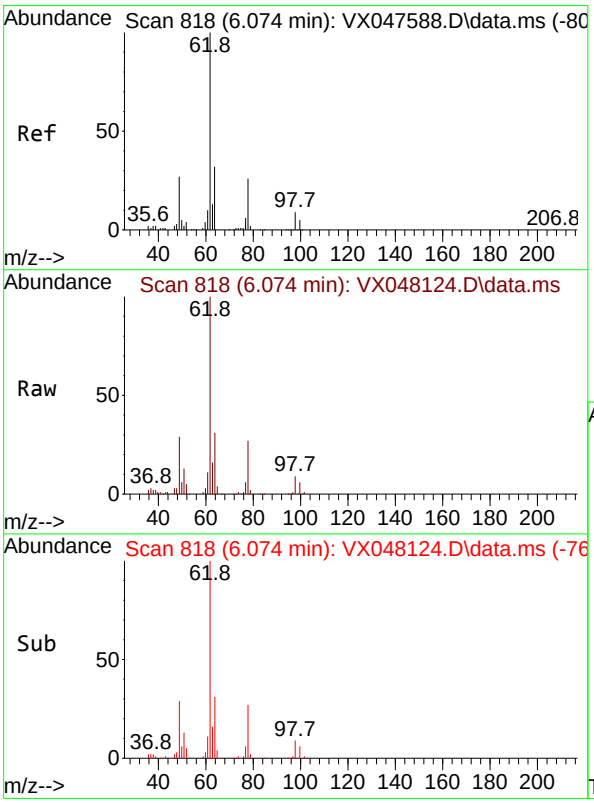
#41
Methacrylonitrile
Concen: 50.842 ug/l
RT: 4.904 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 58889

Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	73.6	58.6	87.8
52	31.4	26.0	39.0

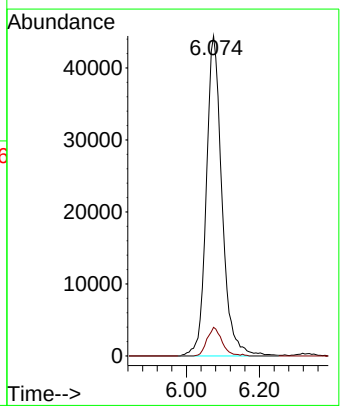


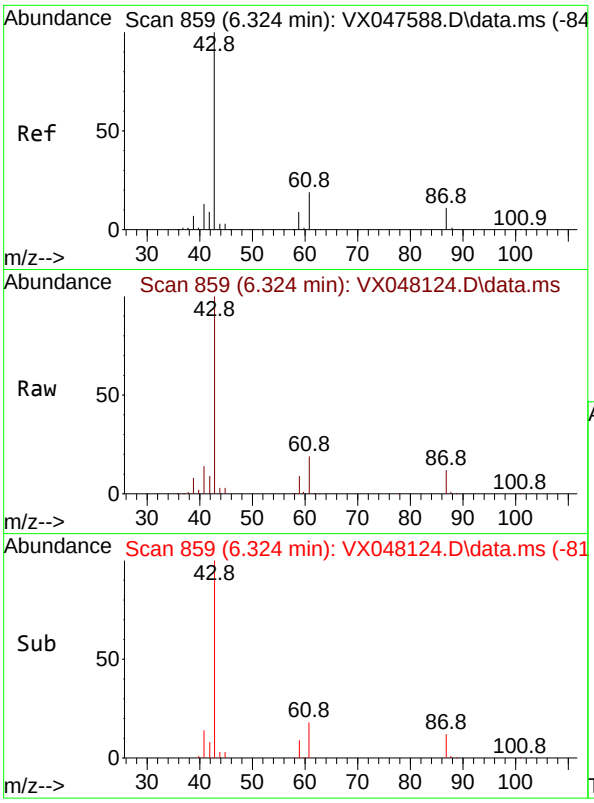


#42
1,2-Dichloroethane
Concen: 54.500 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 62 Resp: 131974

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0



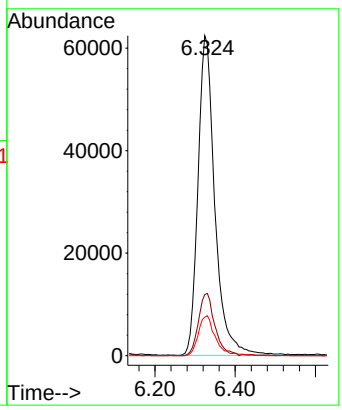


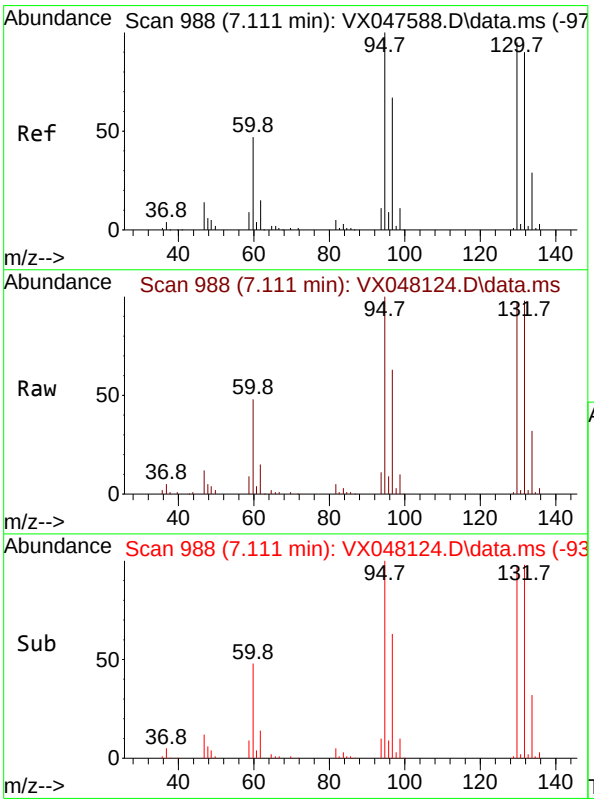
#43
Isopropyl Acetate
Concen: 49.627 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 182608

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.6	9.6	14.4

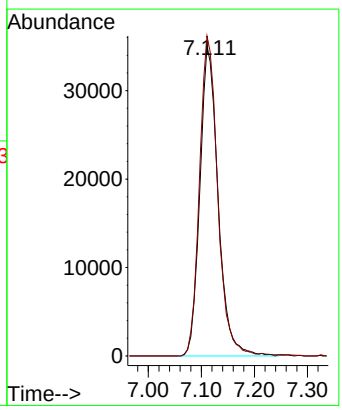


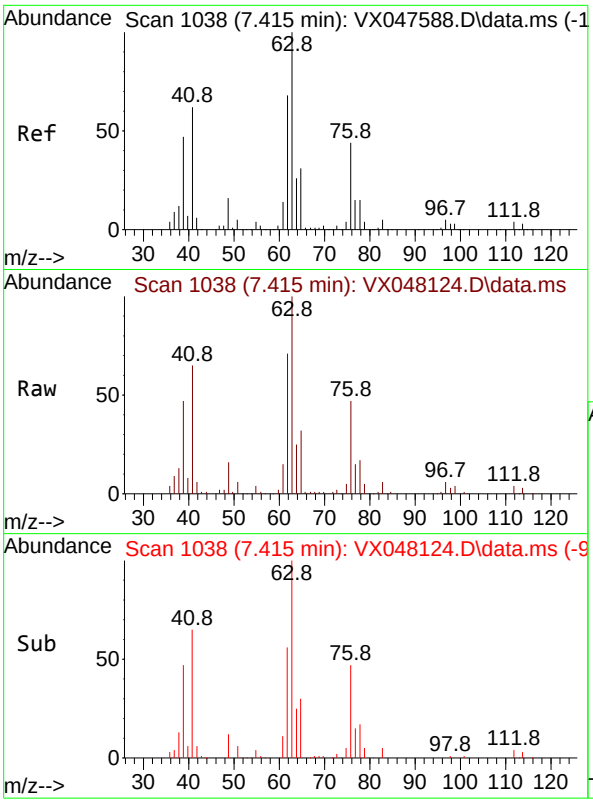


#44
Trichloroethene
Concen: 54.451 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:130 Resp: 83781

Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	210.8



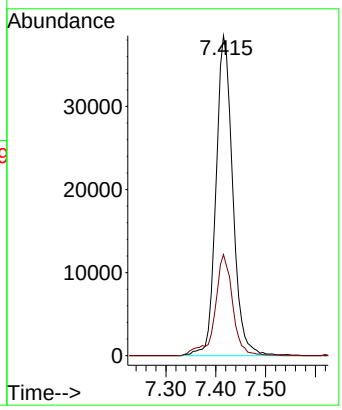


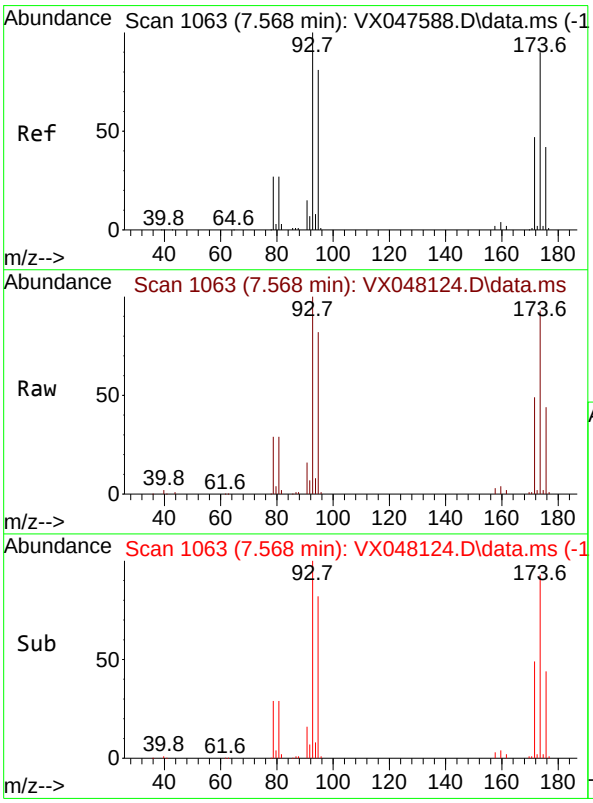
#45
1,2-Dichloropropane
Concen: 55.269 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 90070

Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.7	37.1

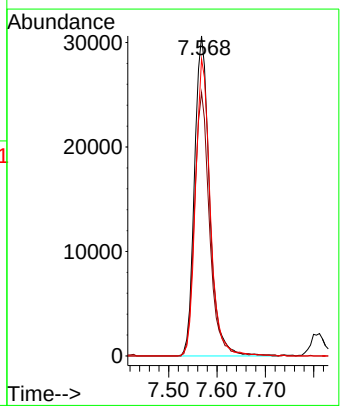


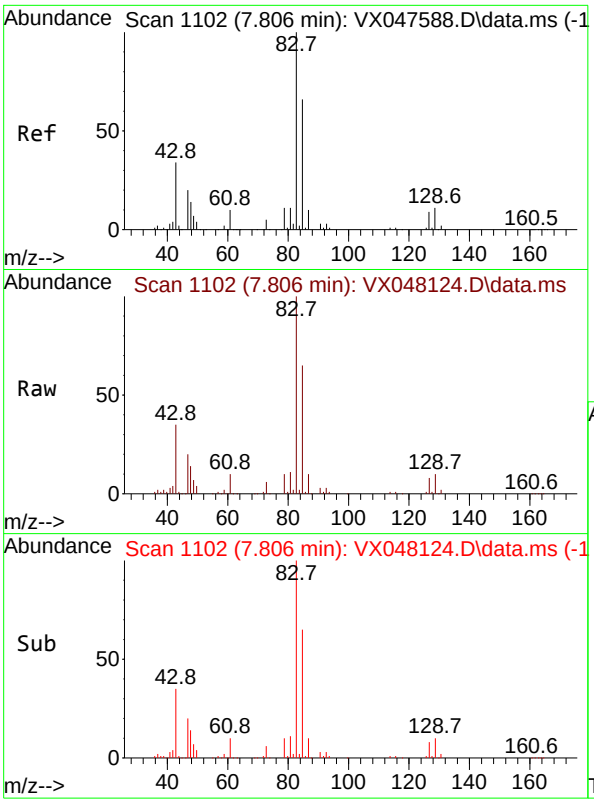


#46
Dibromomethane
Concen: 55.952 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 93 Resp: 66354

Ion	Ratio	Lower	Upper
93	100		
95	81.2	65.0	97.6
174	90.9	71.6	107.4



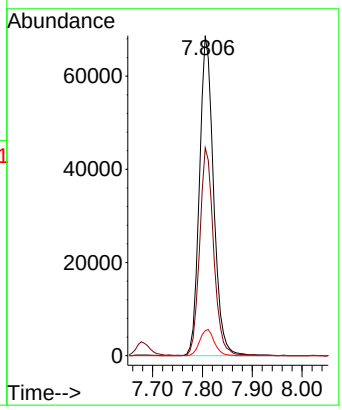


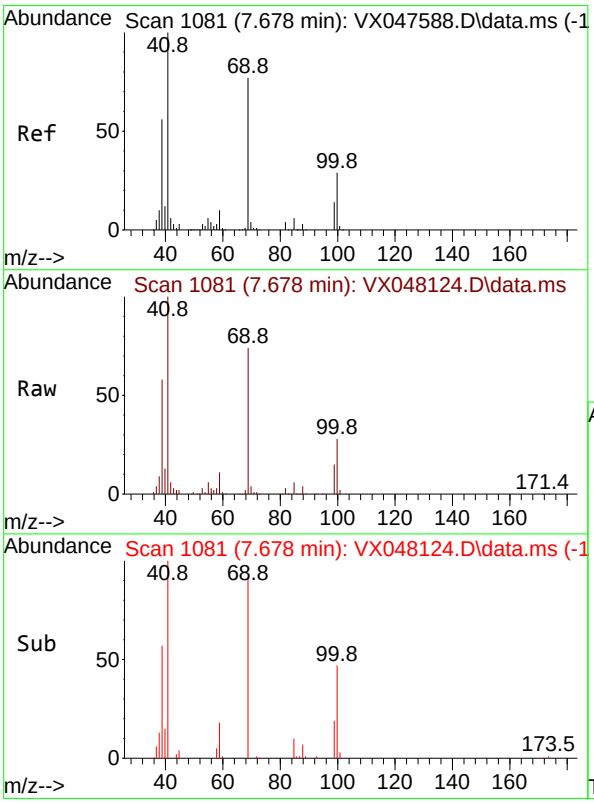
#47
Bromodichloromethane
Concen: 55.144 ug/l
RT: 7.806 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 134946

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7
127	7.8	6.9	10.3

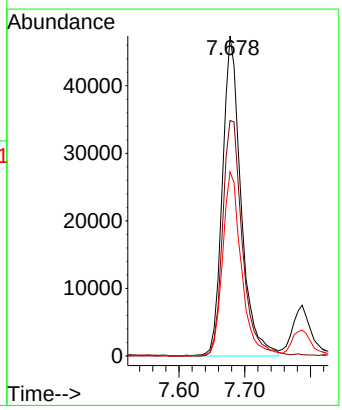


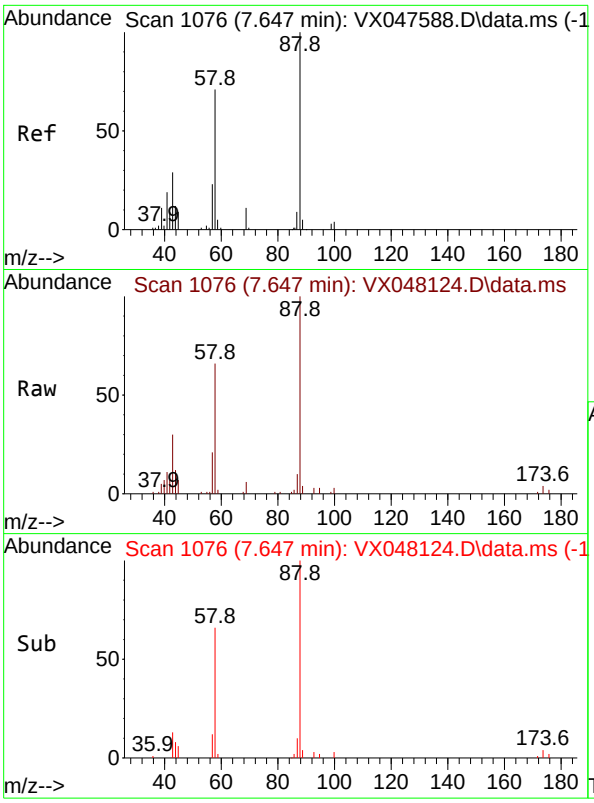


#48
Methyl methacrylate
Concen: 50.949 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 41 Resp: 93383

Ion	Ratio	Lower	Upper
41	100		
69	77.9	61.4	92.2
39	58.1	45.8	68.6



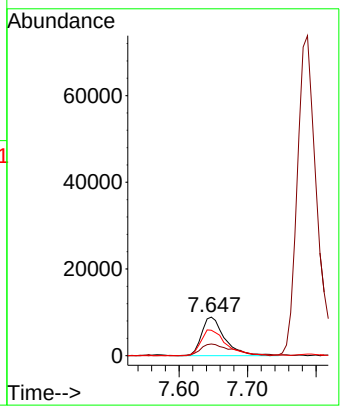


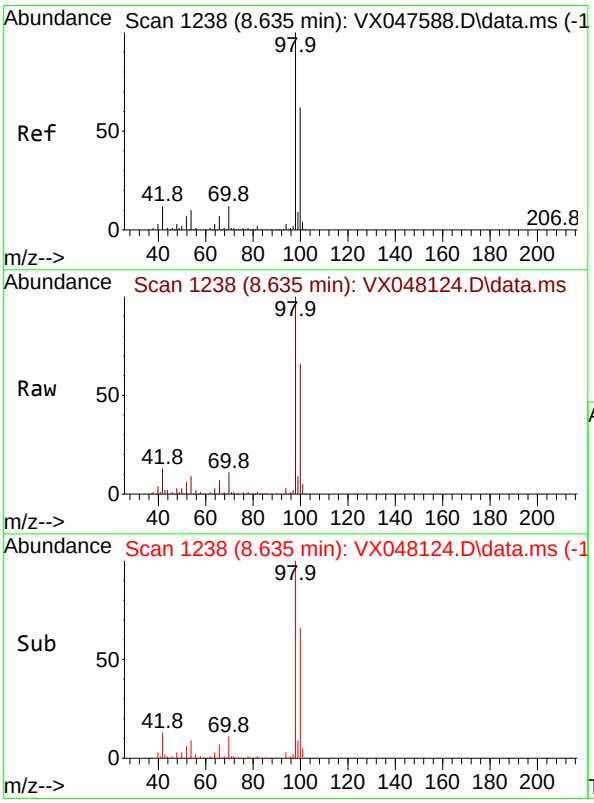
#49
1,4-Dioxane
Concen: 1126.435 ug/l
RT: 7.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 20865

Ion	Ratio	Lower	Upper
88	100		
43	41.4	30.2	45.2
58	72.6	59.5	89.3

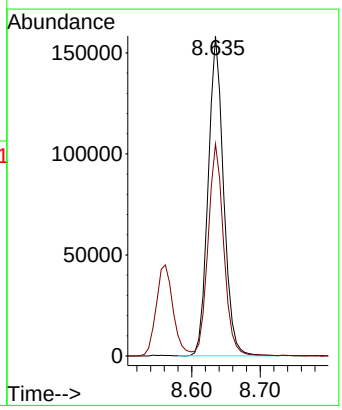


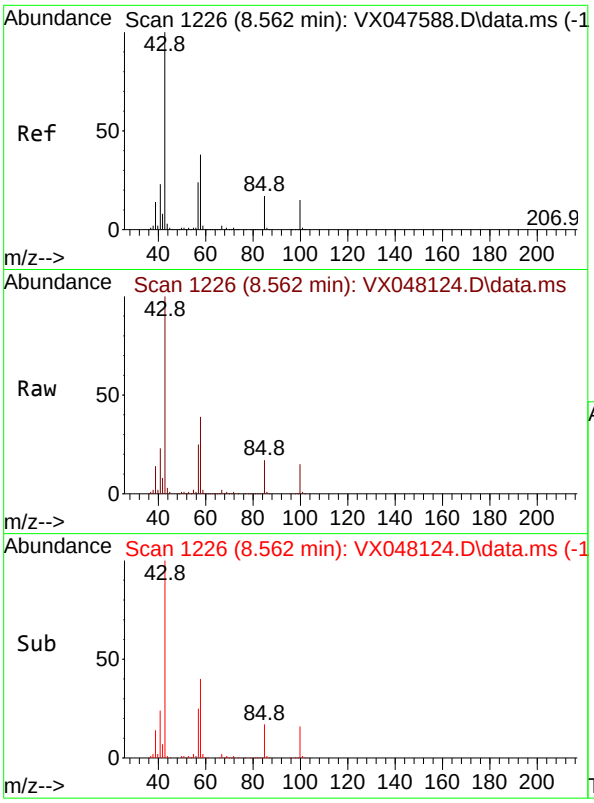


#50
Toluene-d8
Concen: 49.962 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 98 Resp: 247909

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.4



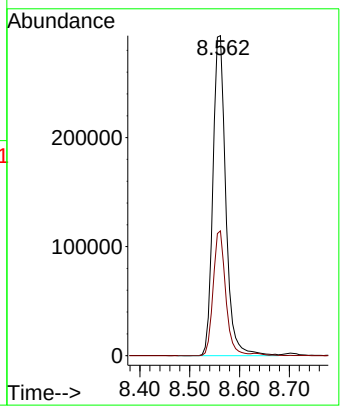


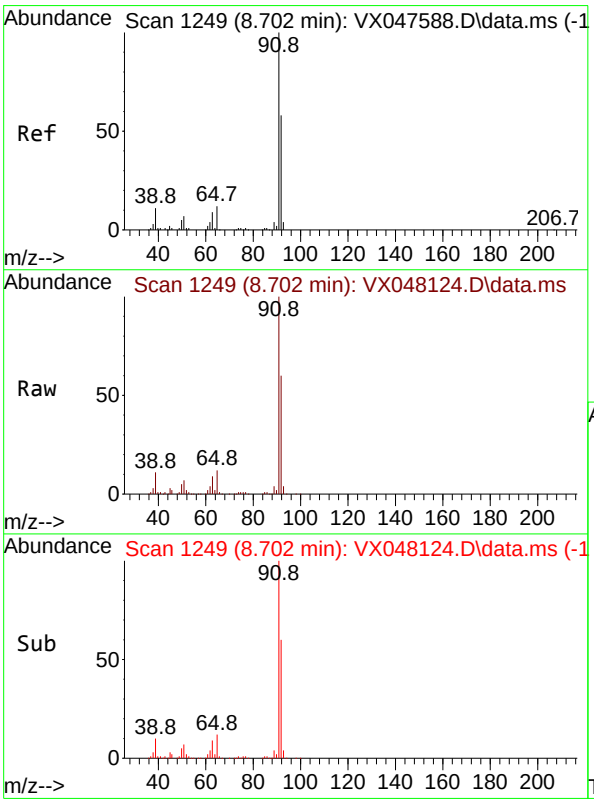
#51
4-Methyl-2-Pentanone
Concen: 258.661 ug/l
RT: 8.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 527706

Ion	Ratio	Lower	Upper
43	100		
58	37.8	30.3	45.5

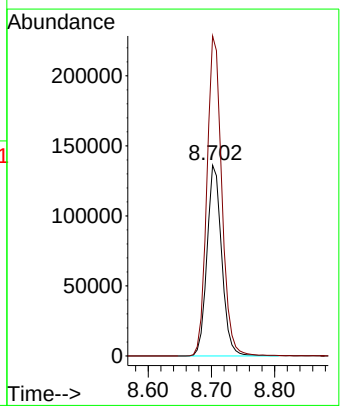


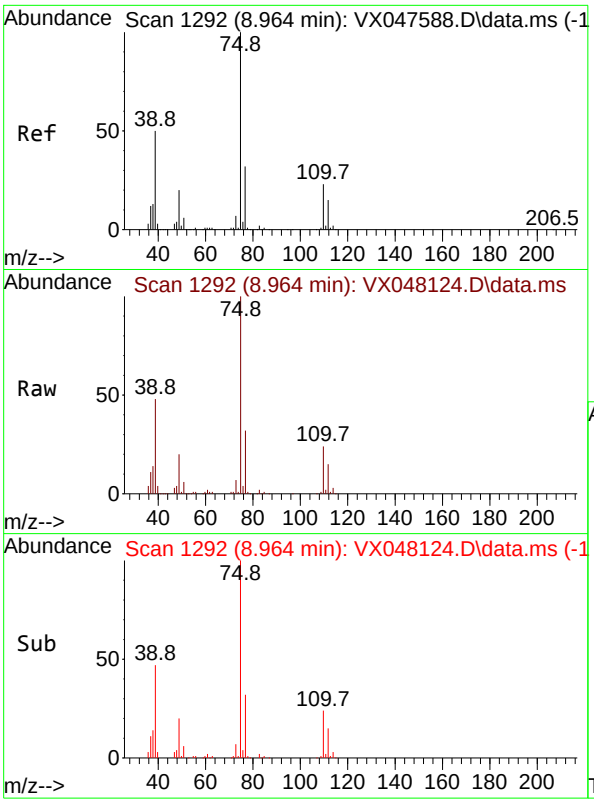


#52
Toluene
Concen: 56.118 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 92 Resp: 220041

Ion	Ratio	Lower	Upper
92	100		
91	170.0	137.1	205.7



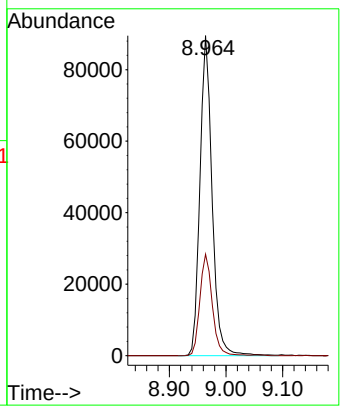


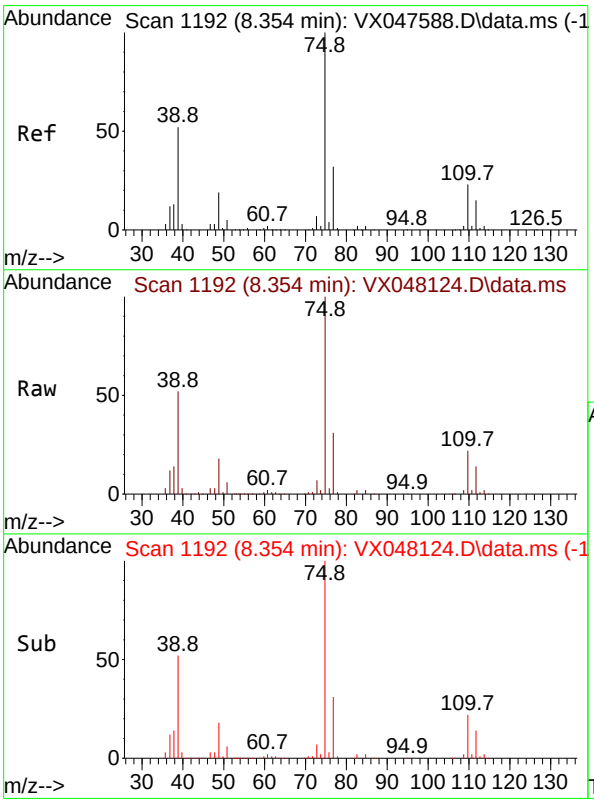
#53
t-1,3-Dichloropropene
Concen: 53.434 ug/l
RT: 8.964 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 133380

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.2

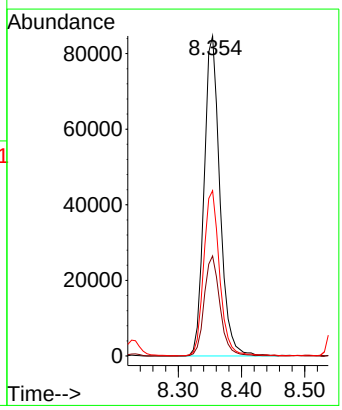


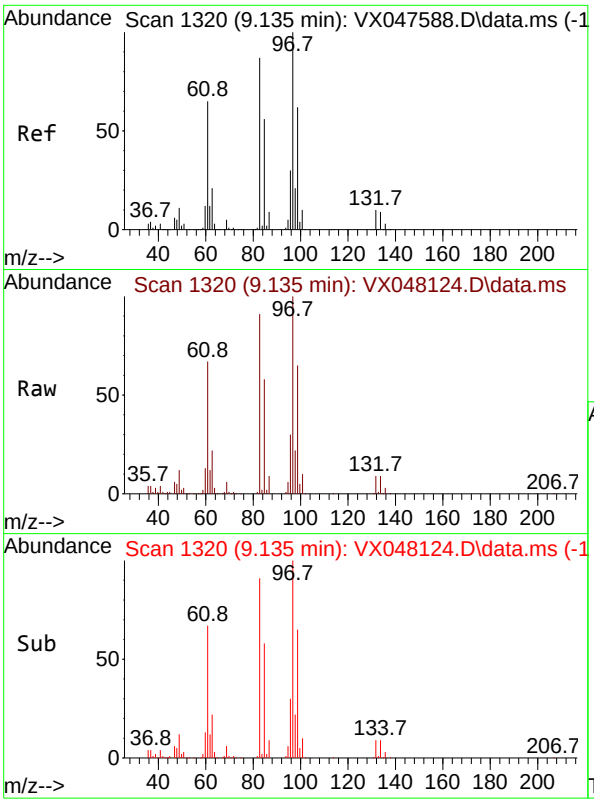


#54
cis-1,3-Dichloropropene
Concen: 55.133 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 147096

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.8	38.6
39	51.1	41.4	62.2



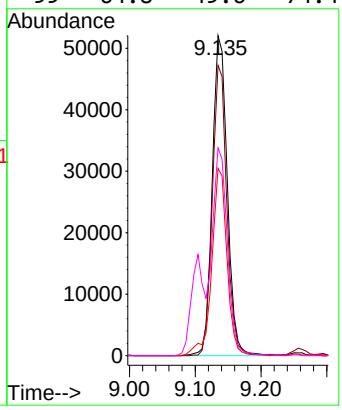


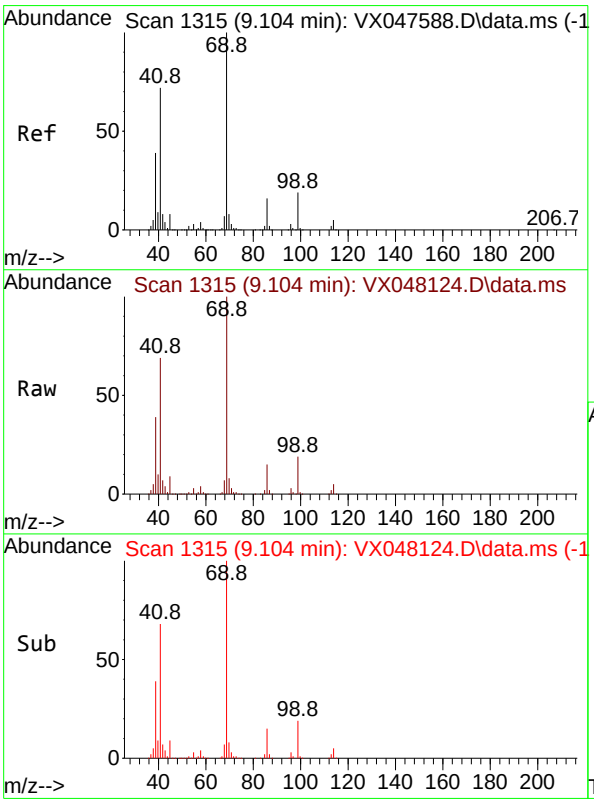
#55
1,1,2-Trichloroethane
Concen: 54.764 ug/l
RT: 9.135 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 82800

Ion	Ratio	Lower	Upper
97	100		
83	90.7	69.6	104.4
85	58.5	45.0	67.6
99	64.8	49.6	74.4

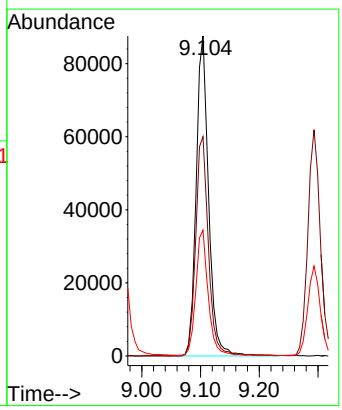


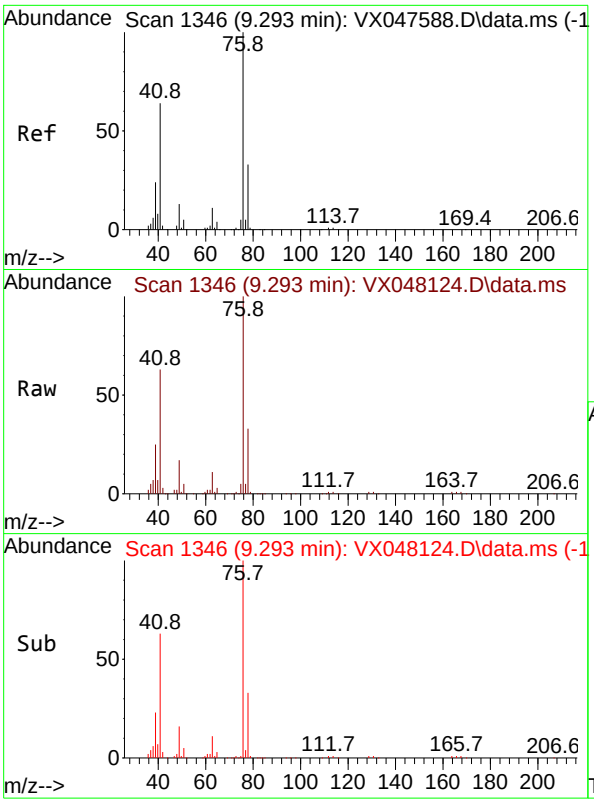


#56
Ethyl methacrylate
Concen: 54.141 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 69 Resp: 128555

Ion	Ratio	Lower	Upper
69	100		
41	70.7	58.6	87.8
39	39.0	31.5	47.3



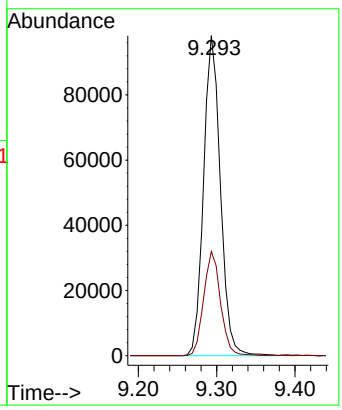


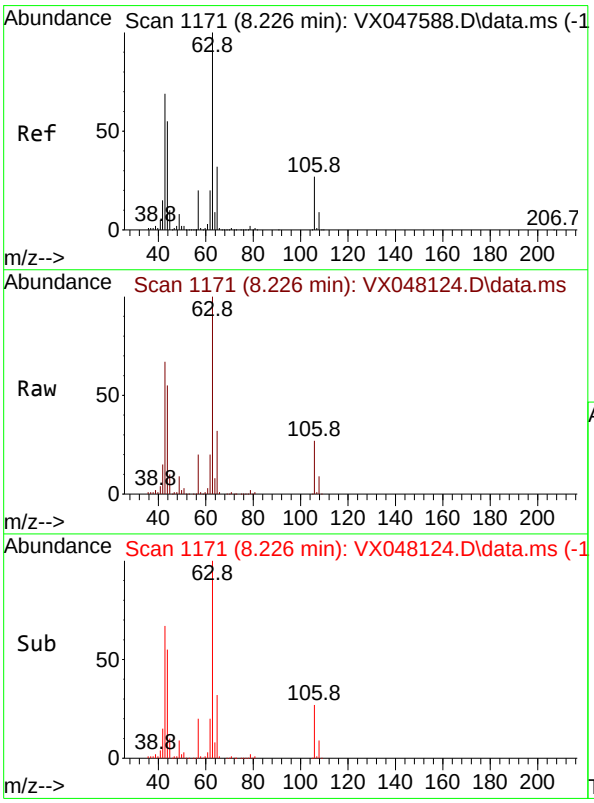
#57
1,3-Dichloropropane
Concen: 56.337 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 146320

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.4

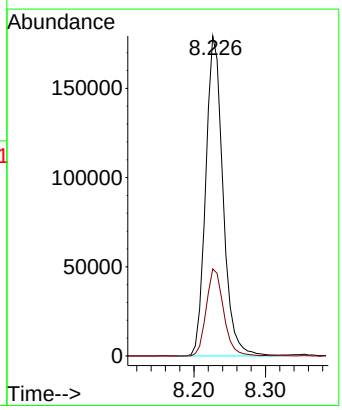


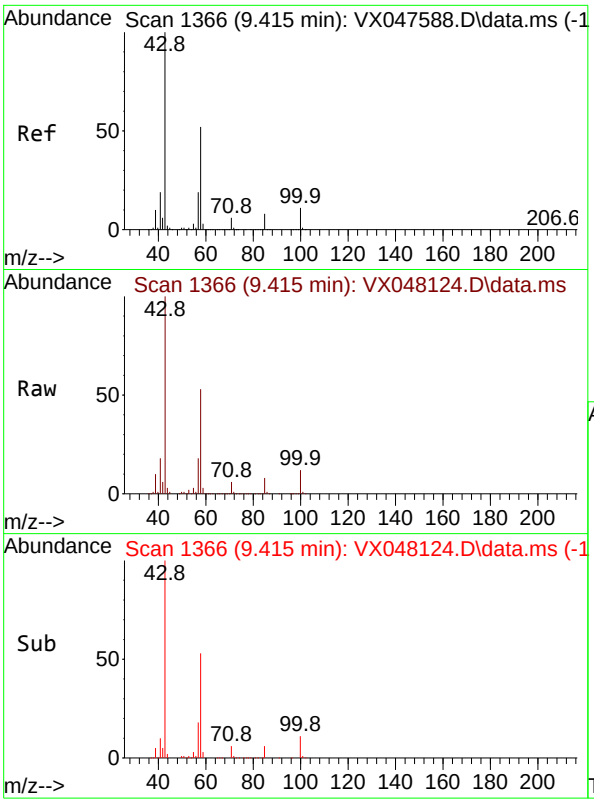


#58
2-Chloroethyl Vinyl ether
Concen: 263.994 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 63 Resp: 300624

Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.9	32.9



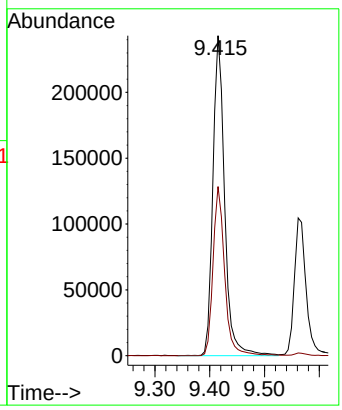


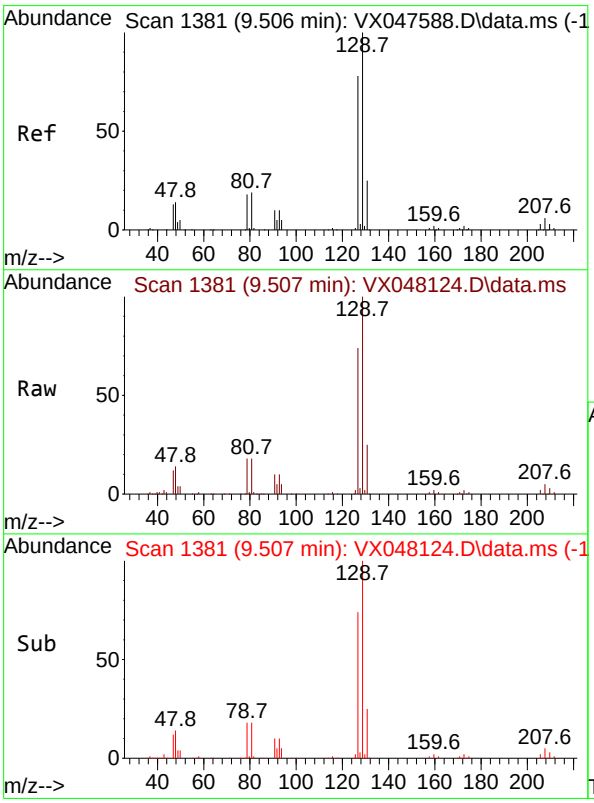
#59
2-Hexanone
Concen: 245.611 ug/l
RT: 9.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 359879

Ion	Ratio	Lower	Upper
43	100		
58	52.6	26.1	78.2

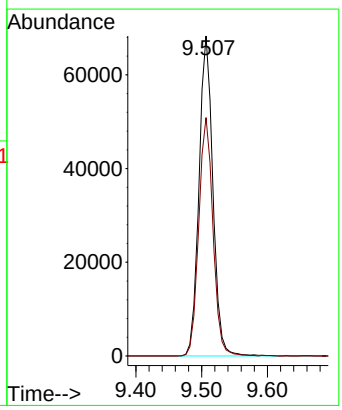


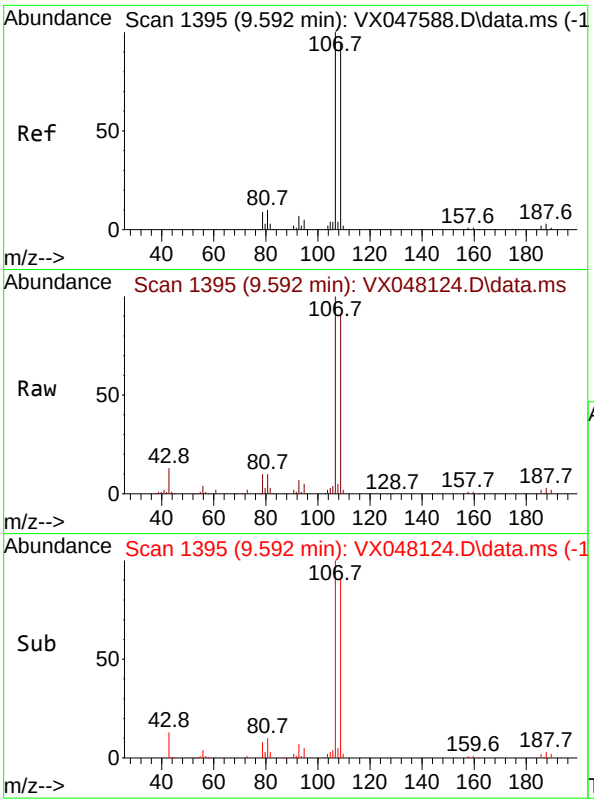


#60
Dibromochloromethane
Concen: 57.354 ug/l
RT: 9.507 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:129 Resp: 99916

Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.4	115.2



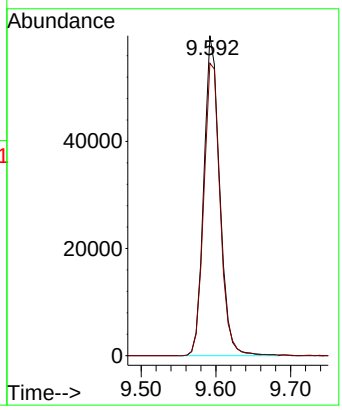


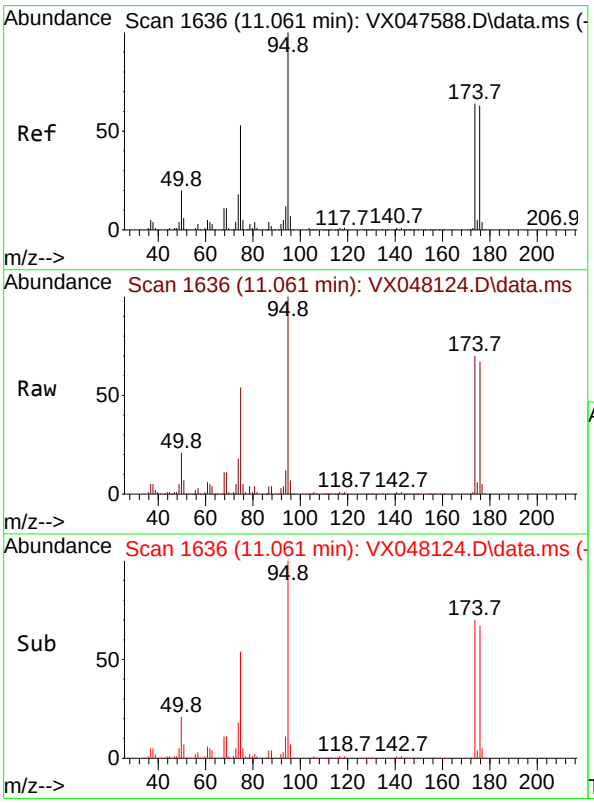
#61
1,2-Dibromoethane
Concen: 57.200 ug/l
RT: 9.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 88086

Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.3	112.9

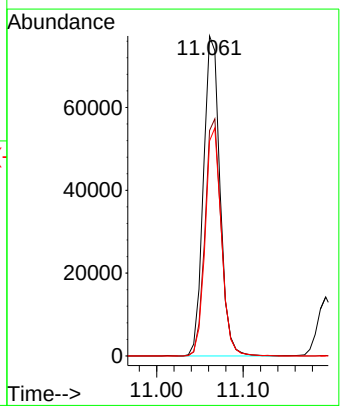


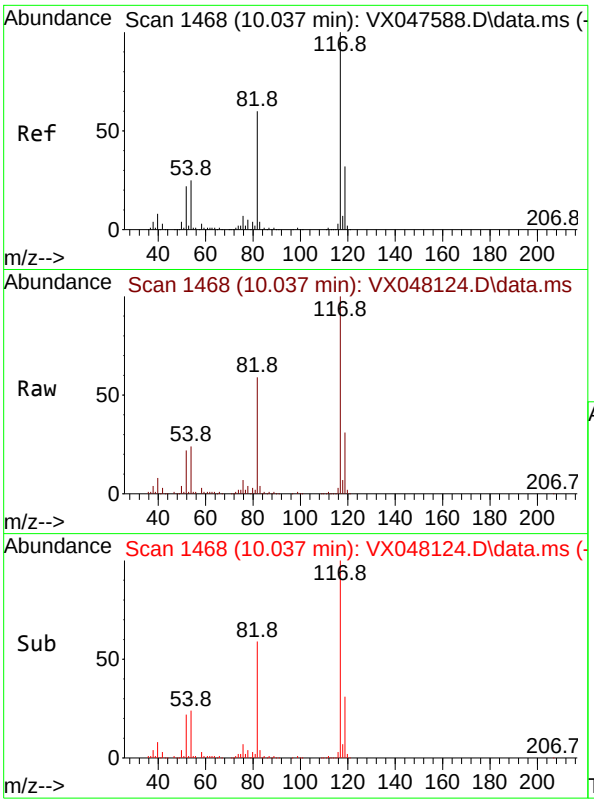


#62
4-Bromofluorobenzene
Concen: 54.328 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 95 Resp: 102307

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	141.6
176	70.0	0.0	138.4



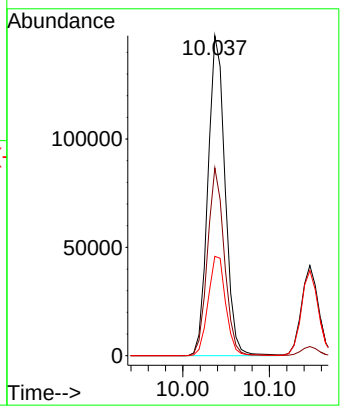


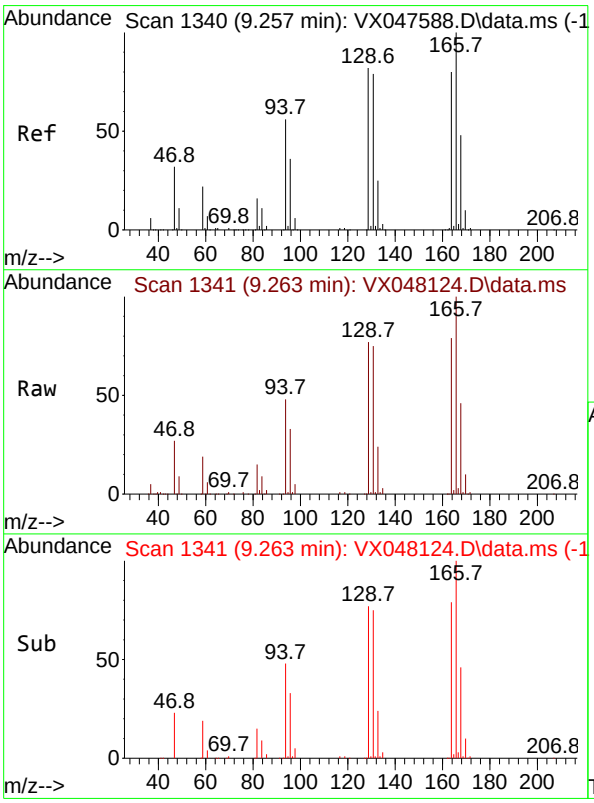
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 202631

Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.6
119	31.1	25.2	37.8

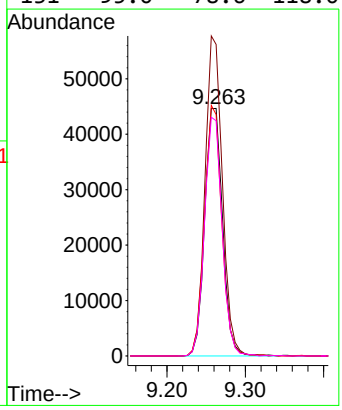


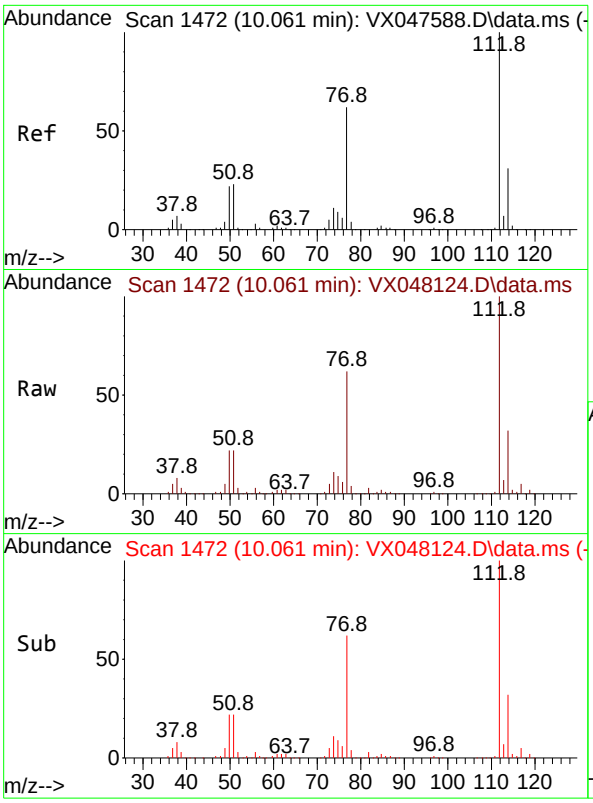


#64
Tetrachloroethene
Concen: 53.291 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:164 Resp: 70394

Ion	Ratio	Lower	Upper
164	100		
166	125.9	100.2	150.2
129	97.5	81.8	122.6
131	95.0	78.6	118.0



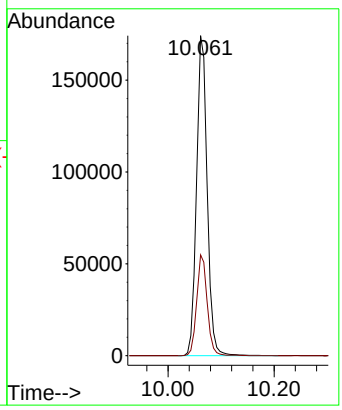


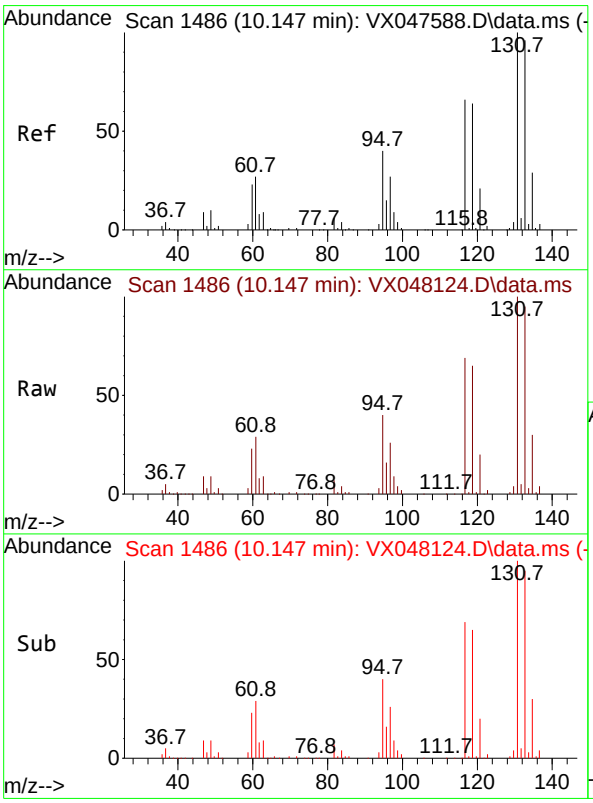
#65
Chlorobenzene
Concen: 52.712 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 242656

Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.1	37.7

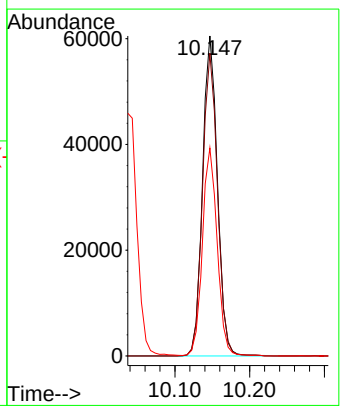


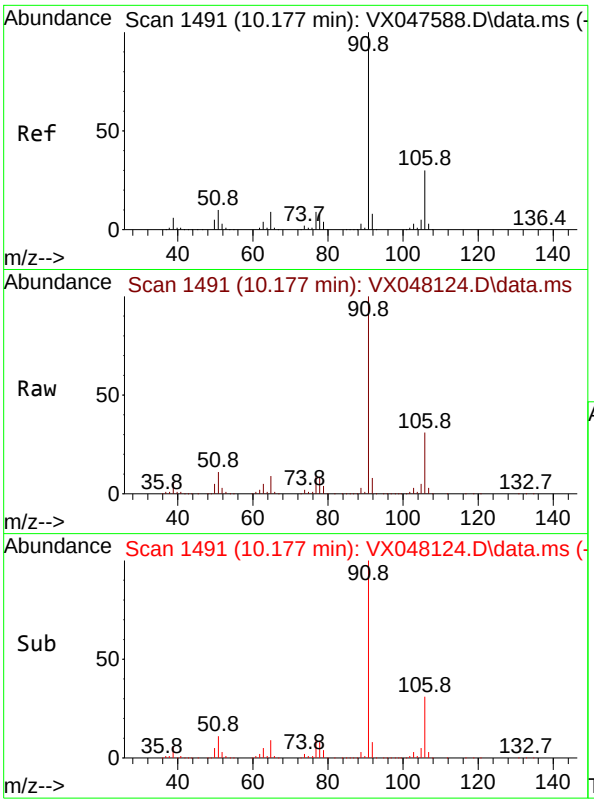


#66
1,1,1,2-Tetrachloroethane
Concen: 52.488 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:131 Resp: 83378

Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.3	142.0
119	64.9	32.0	96.0



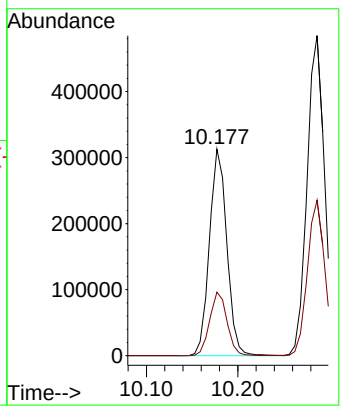


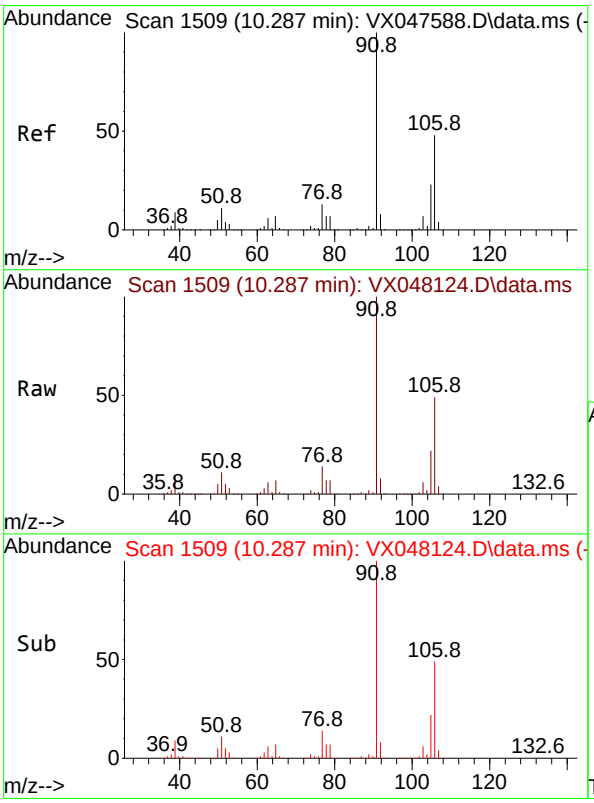
#67
Ethyl Benzene
Concen: 52.075 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 413625

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.3	36.5

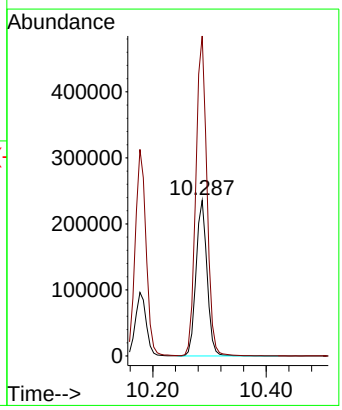


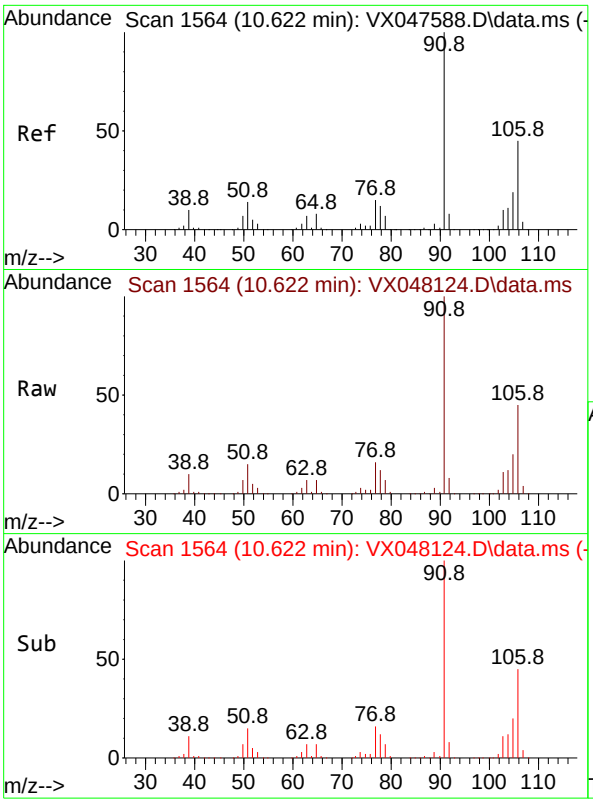


#68
m/p-Xylenes
Concen: 107.168 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:106 Resp: 316828

Ion	Ratio	Lower	Upper
106	100		
91	207.1	167.8	251.8



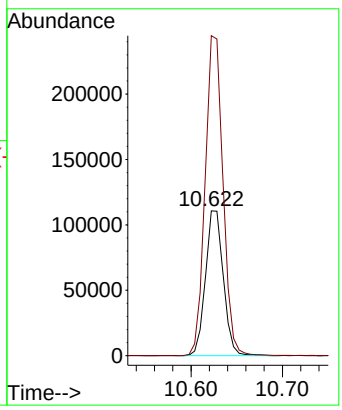


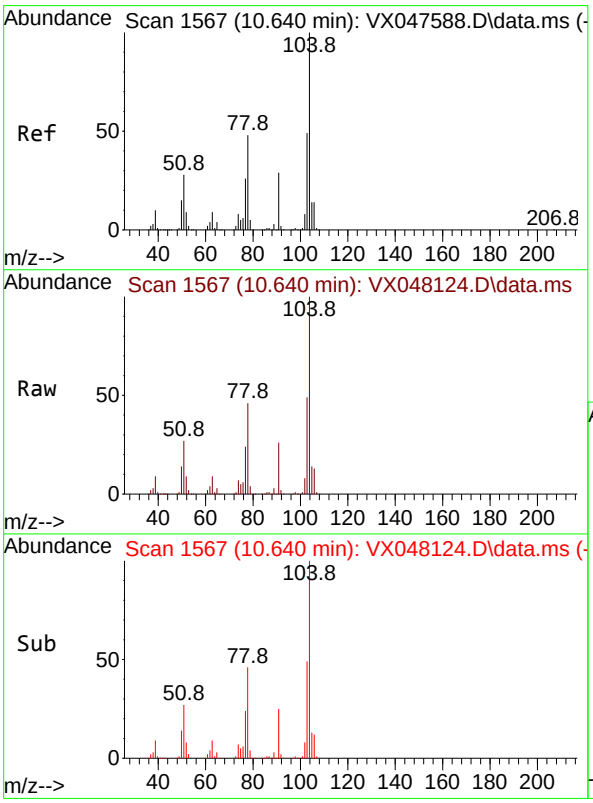
#69
o-Xylene
Concen: 52.418 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 149891

Ion	Ratio	Lower	Upper
106	100		
91	221.1	111.1	333.4

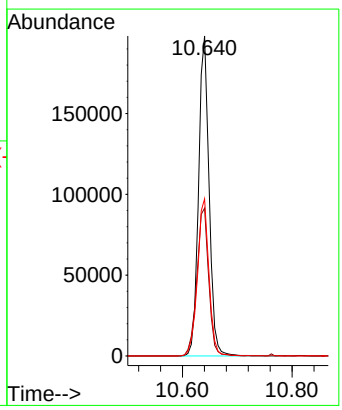


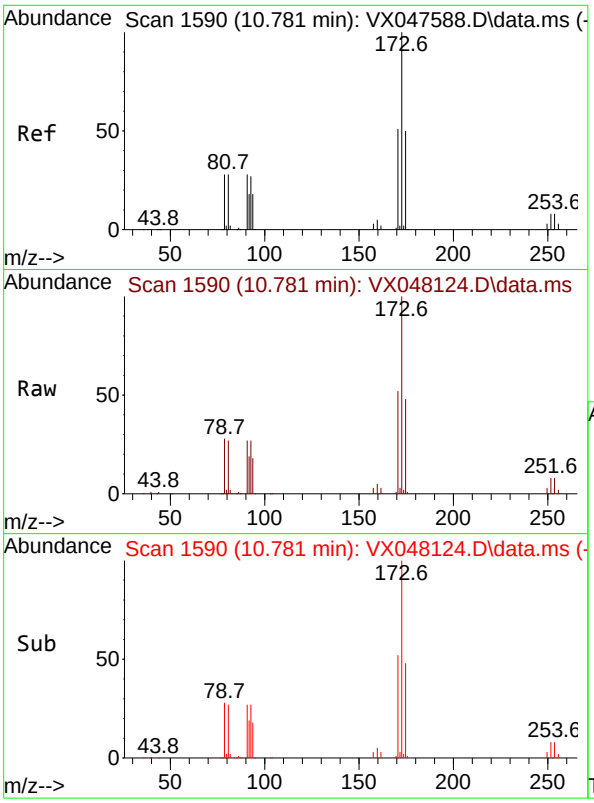


#70
Styrene
Concen: 52.853 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:104 Resp: 264817

Ion	Ratio	Lower	Upper
104	100		
78	52.1	43.1	64.7
103	53.5	43.1	64.7



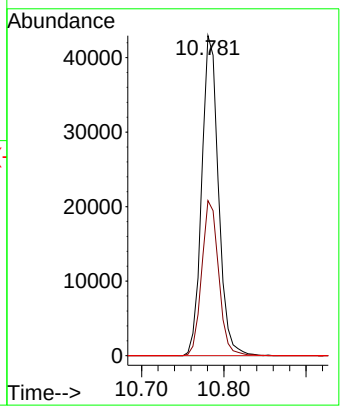


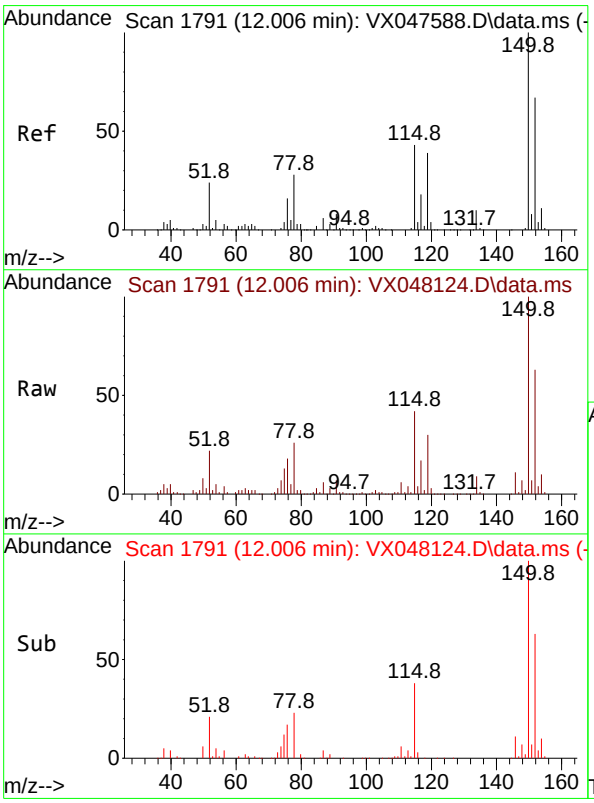
#71
Bromoform
Concen: 51.130 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 60646

Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.9	74.6
254	0.0	0.1	0.1#

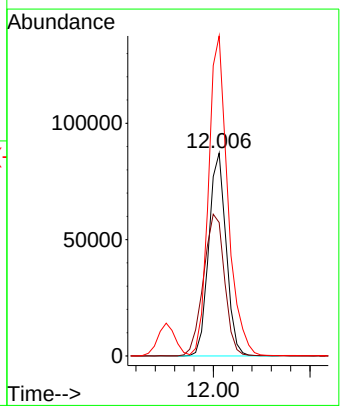


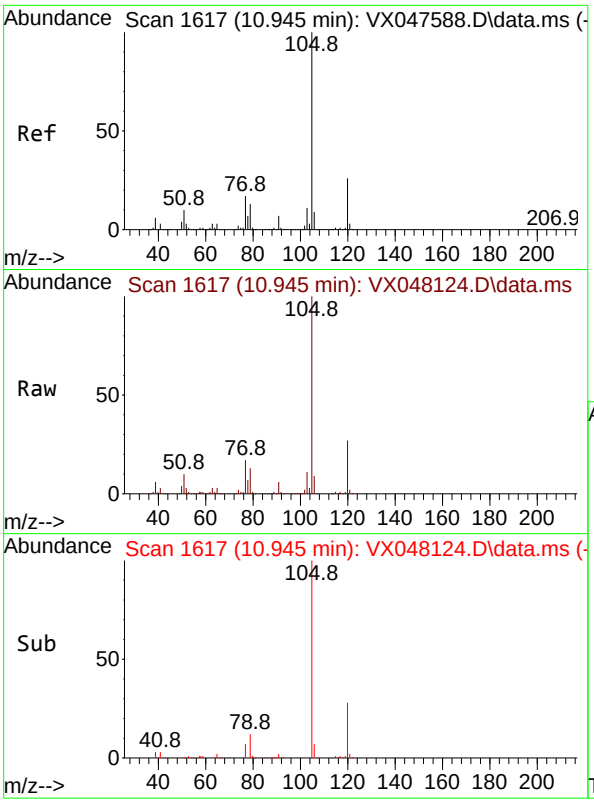


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:152 Resp: 108959

Ion	Ratio	Lower	Upper
152	100		
115	85.3	44.9	134.5
150	174.3	0.0	352.0



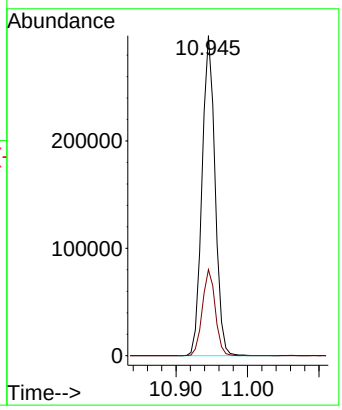


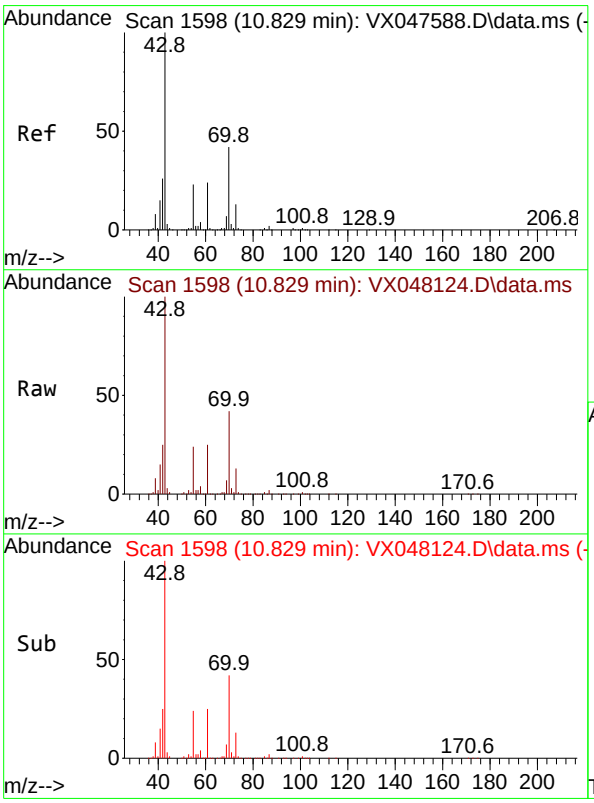
#73
Isopropylbenzene
Concen: 45.514 ug/l
RT: 10.945 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 377029

Ion	Ratio	Lower	Upper
105	100		
120	26.7	12.8	38.4

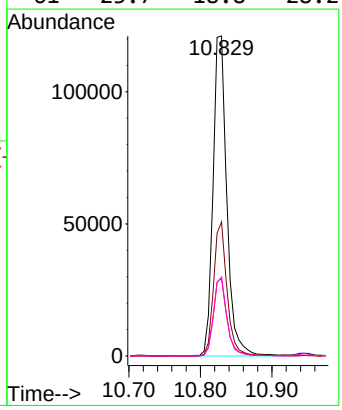


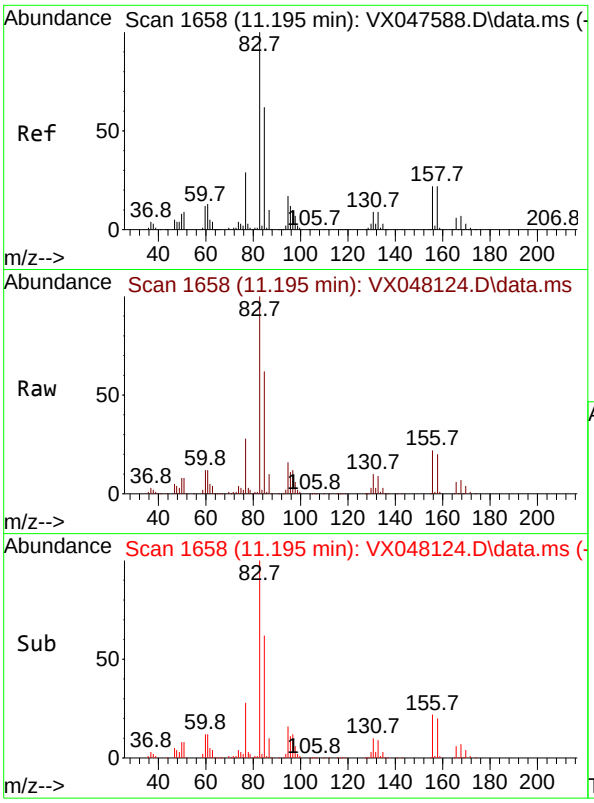


#74
N-amyl acetate
Concen: 43.065 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 43 Resp: 162680

Ion	Ratio	Lower	Upper
43	100		
70	40.5	32.0	48.0
55	24.0	18.9	28.3
61	23.7	18.8	28.2



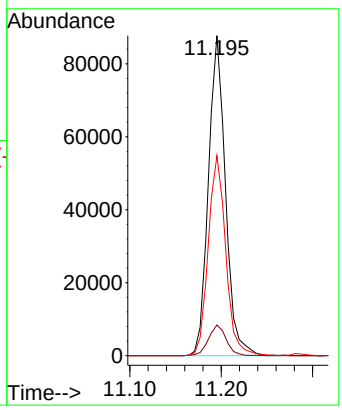


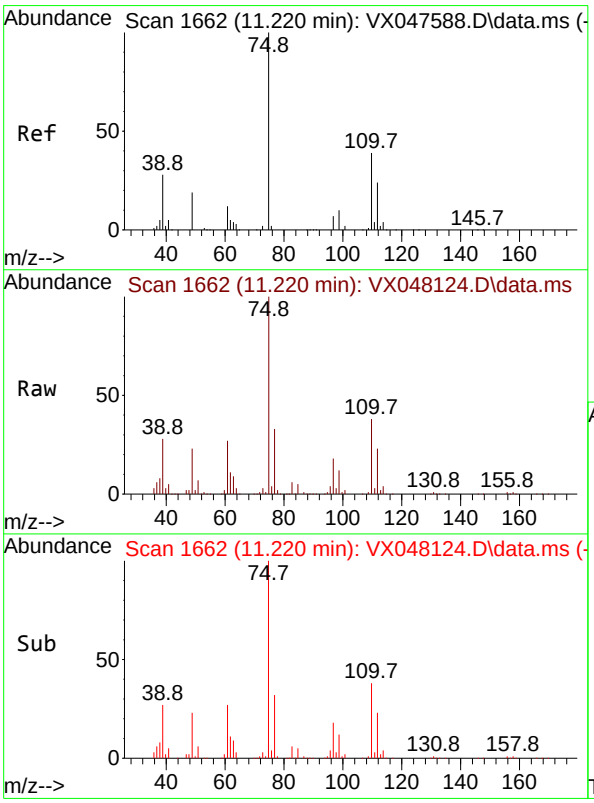
#75
1,1,2,2-Tetrachloroethane
Concen: 45.302 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 113538

Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	64.0	31.6	95.0

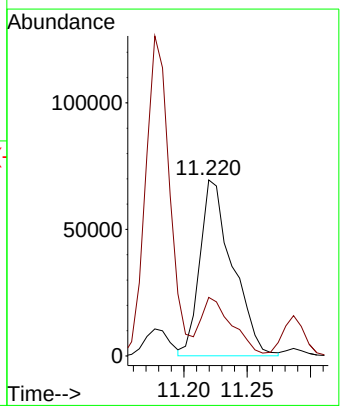


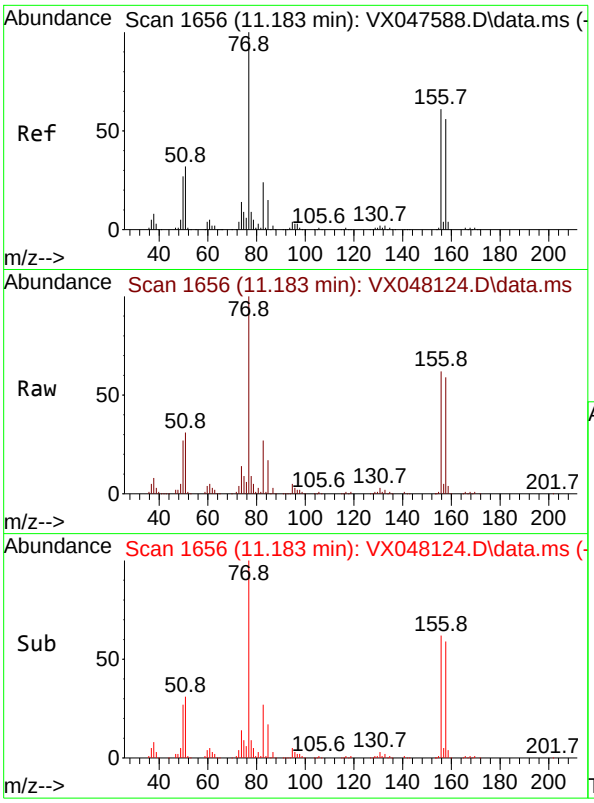


#76
1,2,3-Trichloropropane
Concen: 56.550 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 124754

Ion	Ratio	Lower	Upper
75	100		
77	31.4	18.8	56.4



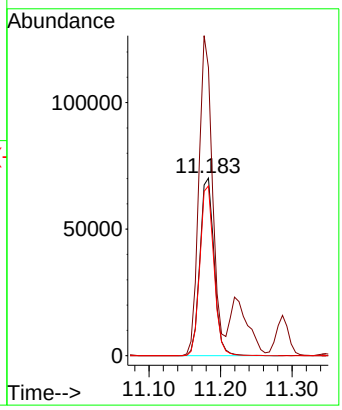


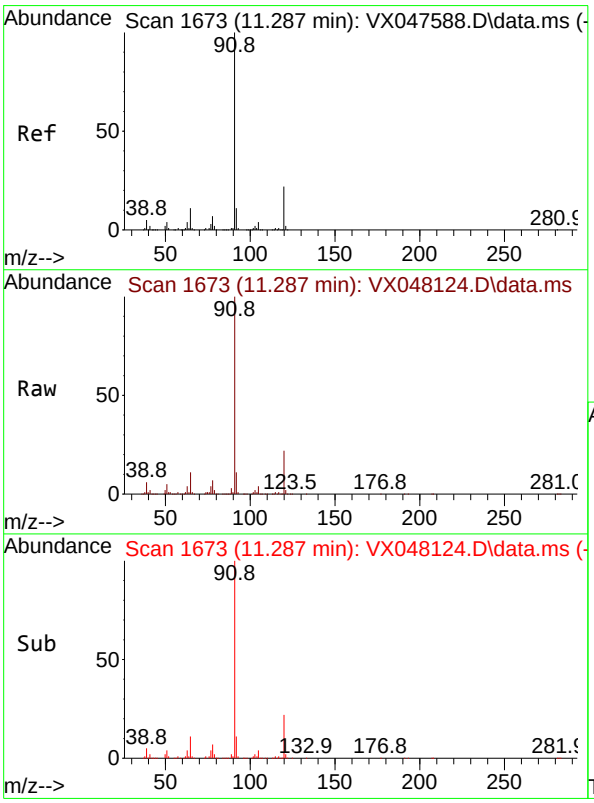
#77
Bromobenzene
Concen: 47.370 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 96645

Ion	Ratio	Lower	Upper
156	100		
77	174.1	89.7	269.1
158	94.7	47.9	143.6

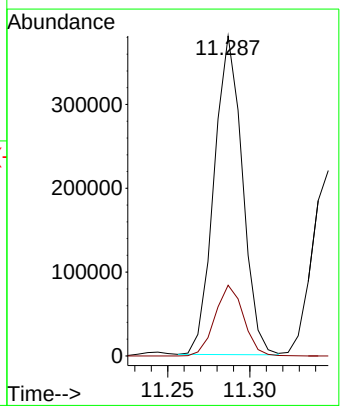


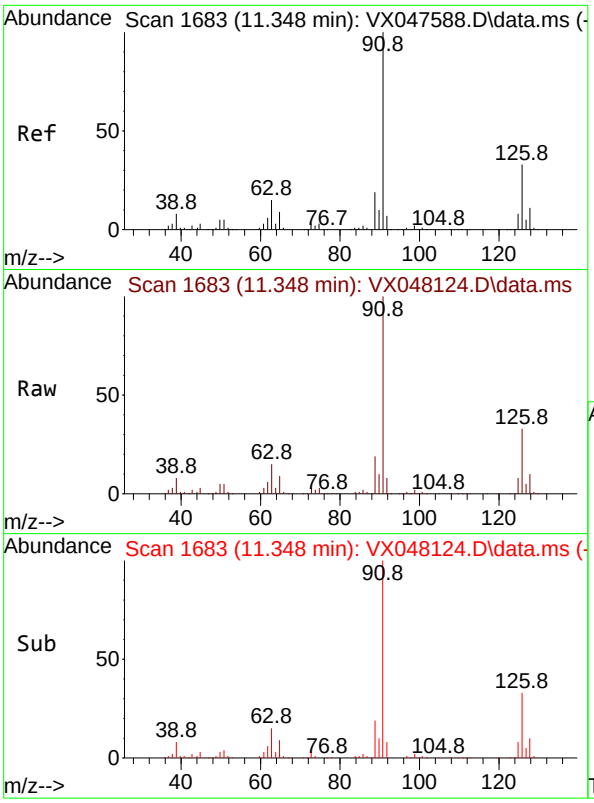


#78
n-propylbenzene
Concen: 46.485 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 91 Resp: 455204

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.1	33.1



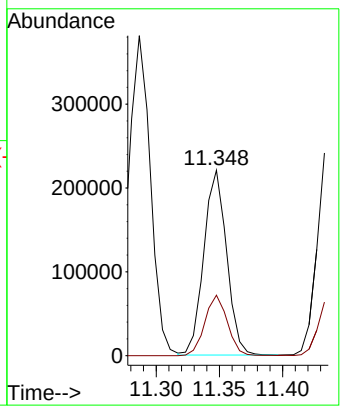


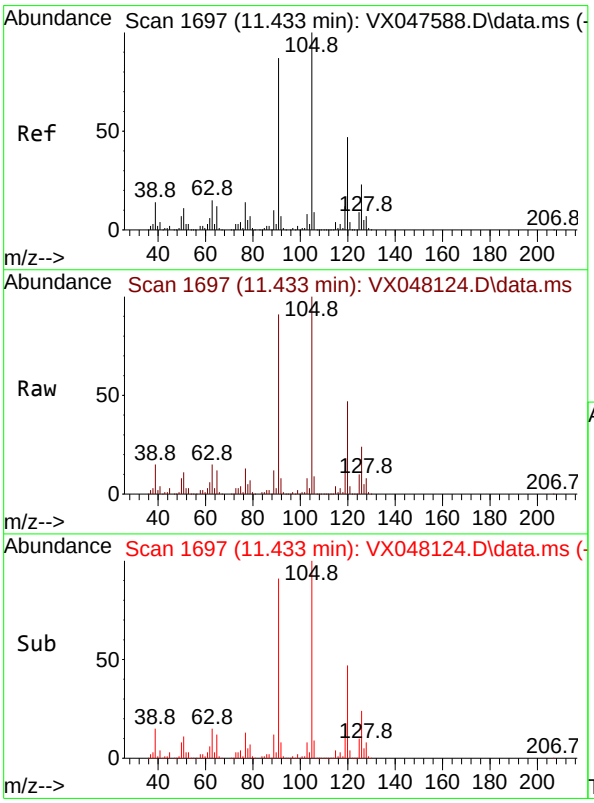
#79
2-Chlorotoluene
Concen: 46.076 ug/l
RT: 11.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 276346

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.3

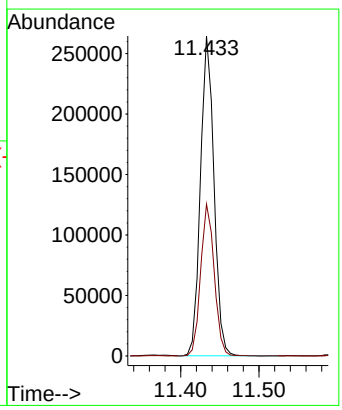


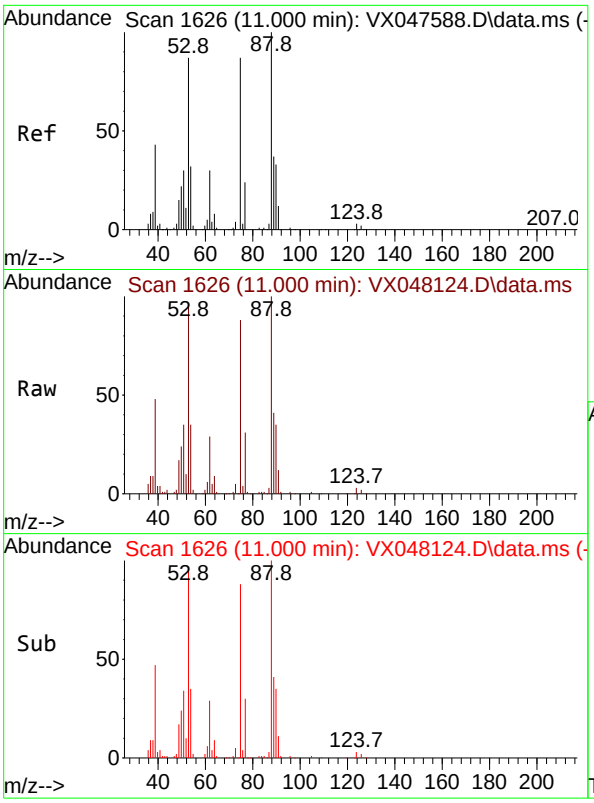


#80
1,3,5-Trimethylbenzene
Concen: 46.468 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:105 Resp: 316254

Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.6	70.8



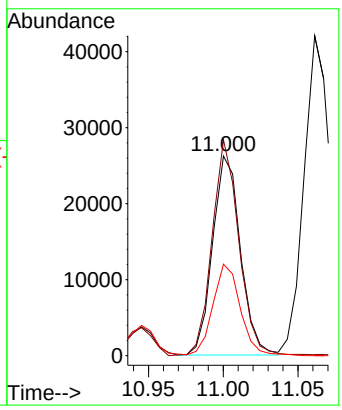


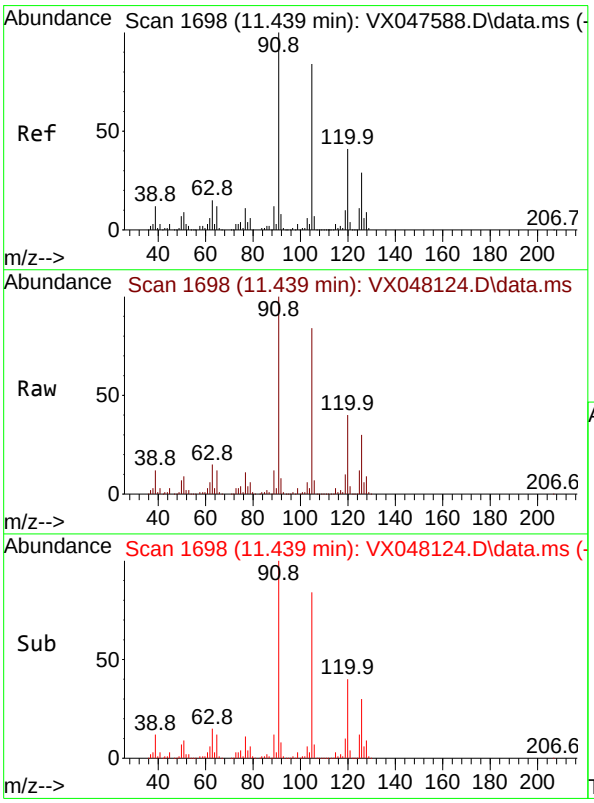
#81
trans-1,4-Dichloro-2-butene
Concen: 39.251 ug/l
RT: 11.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 33955

Ion	Ratio	Lower	Upper
75	100		
53	103.9	83.4	125.2
89	45.4	36.3	54.5

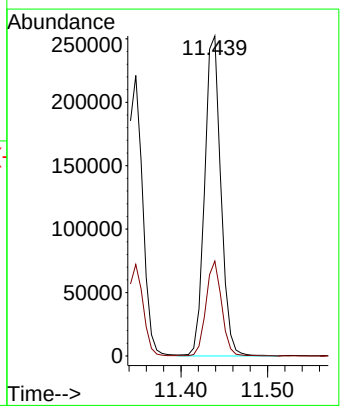


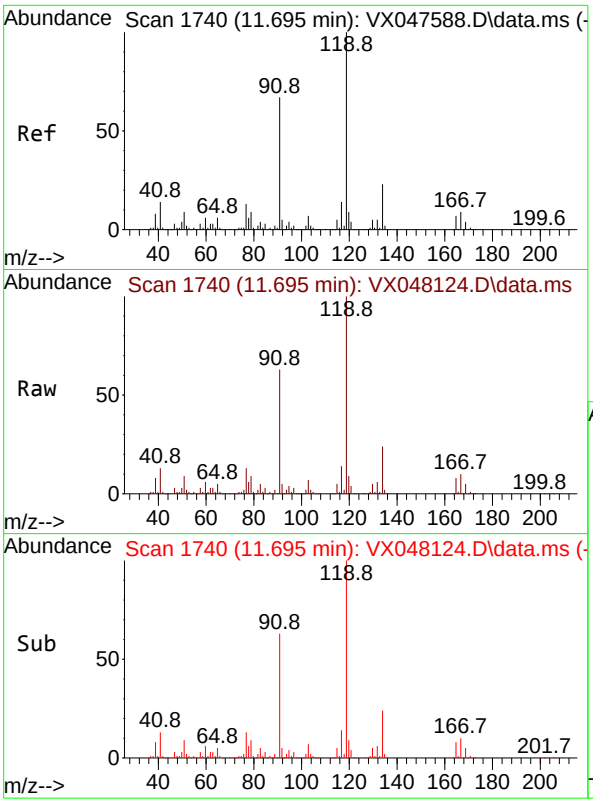


#82
4-Chlorotoluene
Concen: 46.351 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 91 Resp: 328330

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.2	42.6



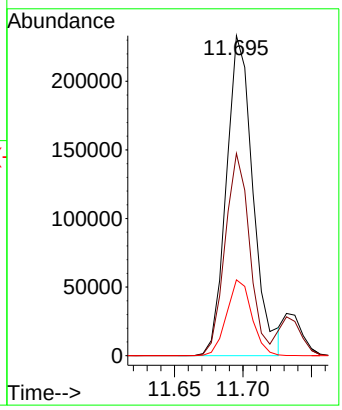


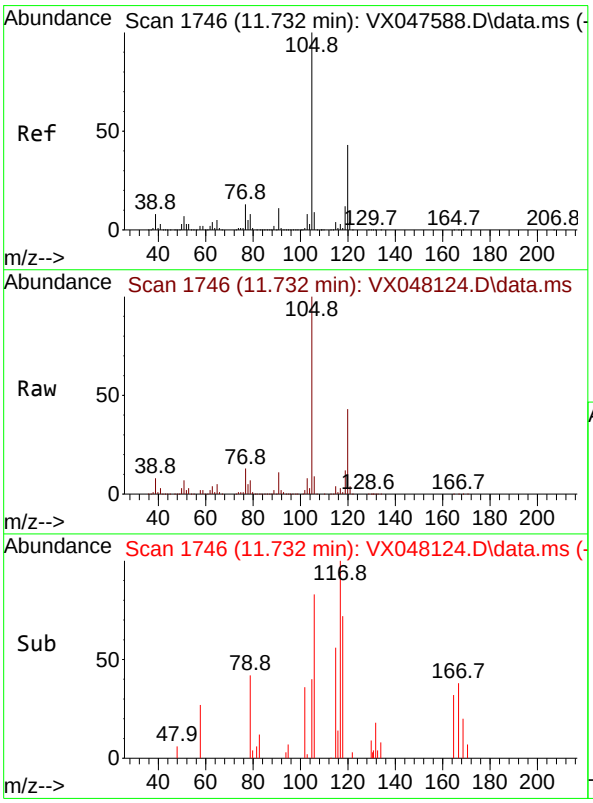
#83
tert-Butylbenzene
Concen: 45.281 ug/l
RT: 11.695 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 315475

Ion	Ratio	Lower	Upper
119	100		
91	58.5	29.6	88.8
134	22.4	11.0	33.0

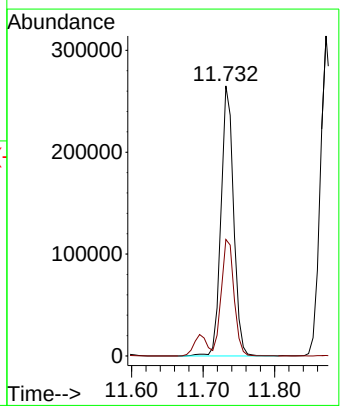


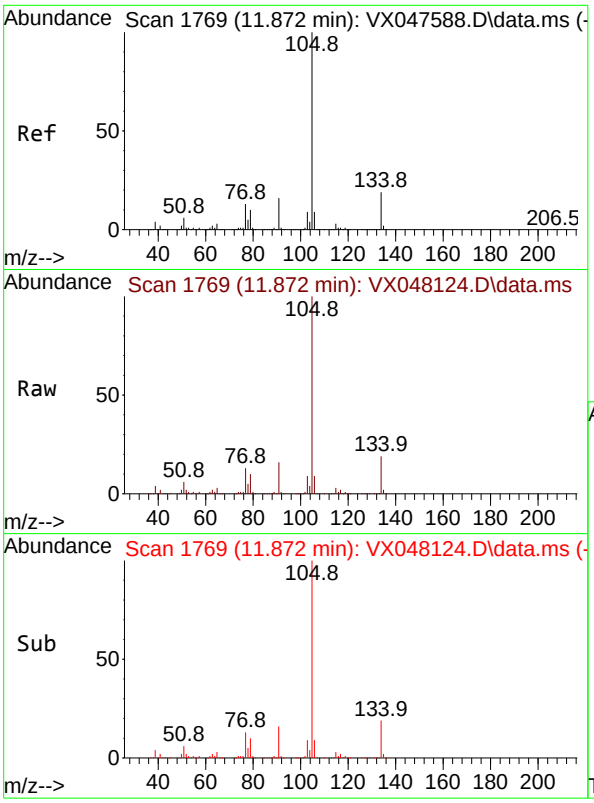


#84
1,2,4-Trimethylbenzene
Concen: 47.020 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:105 Resp: 324439

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.1	66.1



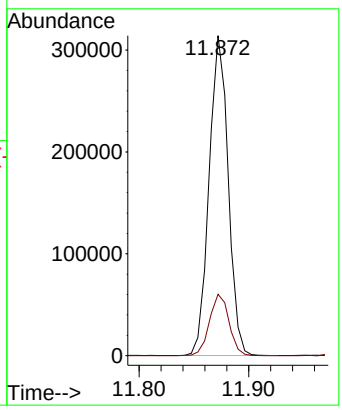


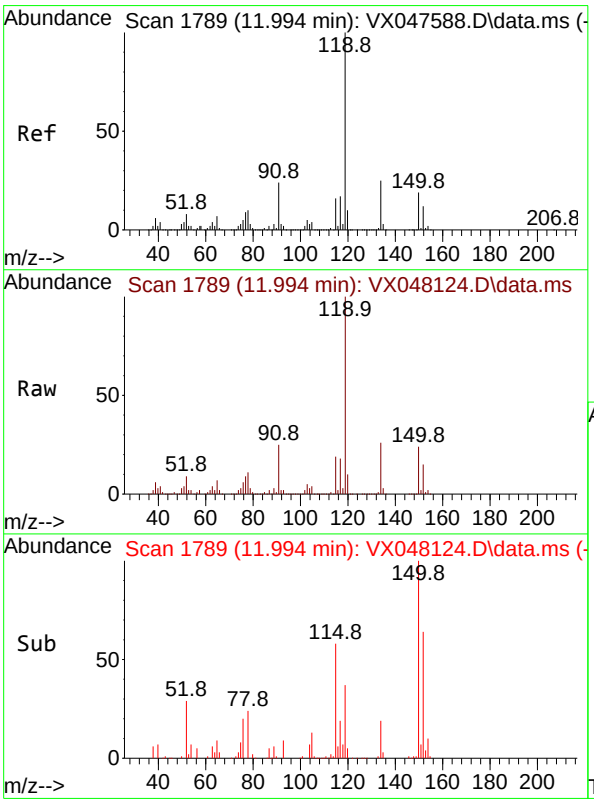
#85
sec-Butylbenzene
Concen: 45.854 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 379460

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

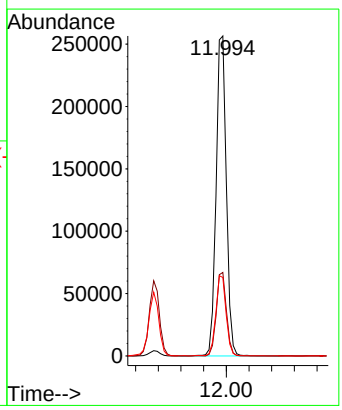


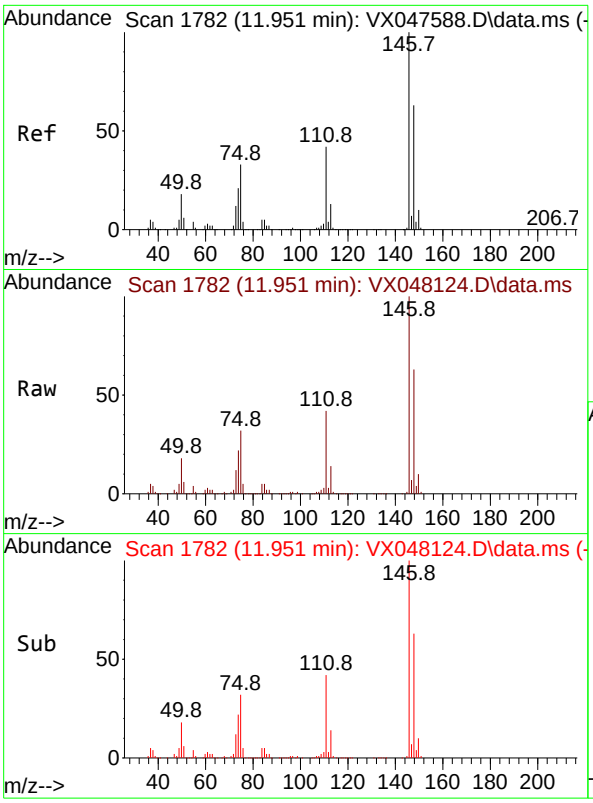


#86
p-Isopropyltoluene
Concen: 45.585 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:119 Resp: 319363

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	25.2	12.6	37.6



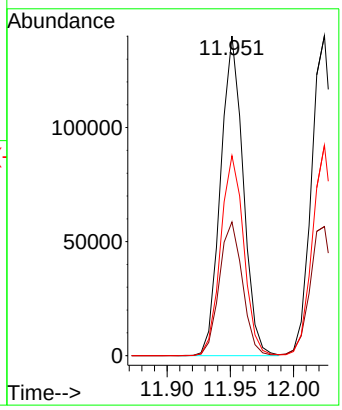


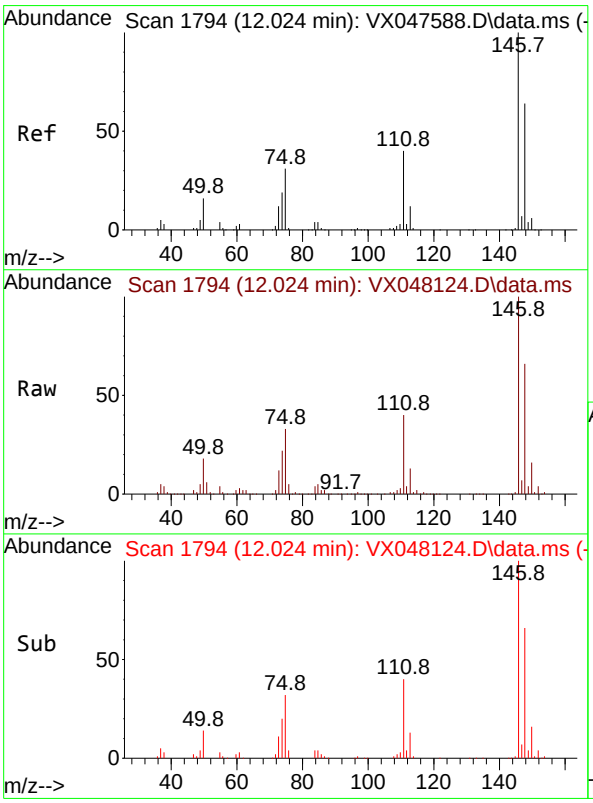
#87
1,3-Dichlorobenzene
Concen: 45.935 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 174074

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.5	64.5
148	64.2	32.0	96.0

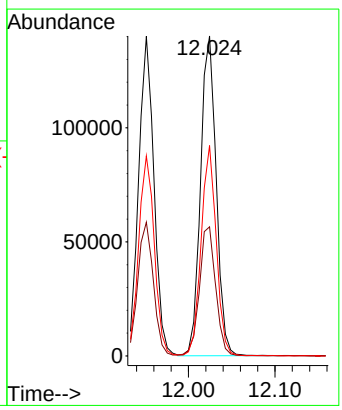


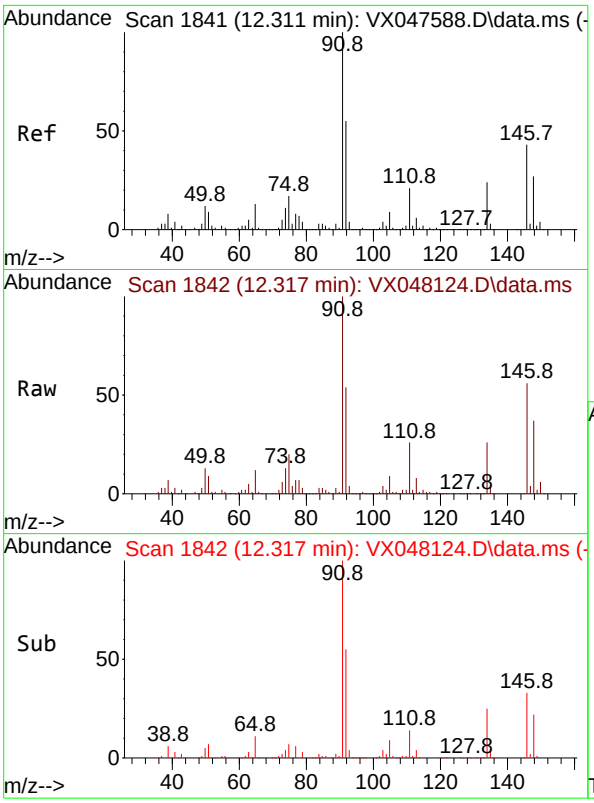


#88
1,4-Dichlorobenzene
Concen: 45.205 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:146 Resp: 175818

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.8	62.4
148	63.5	31.7	95.1



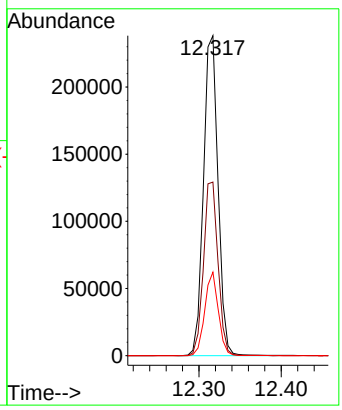


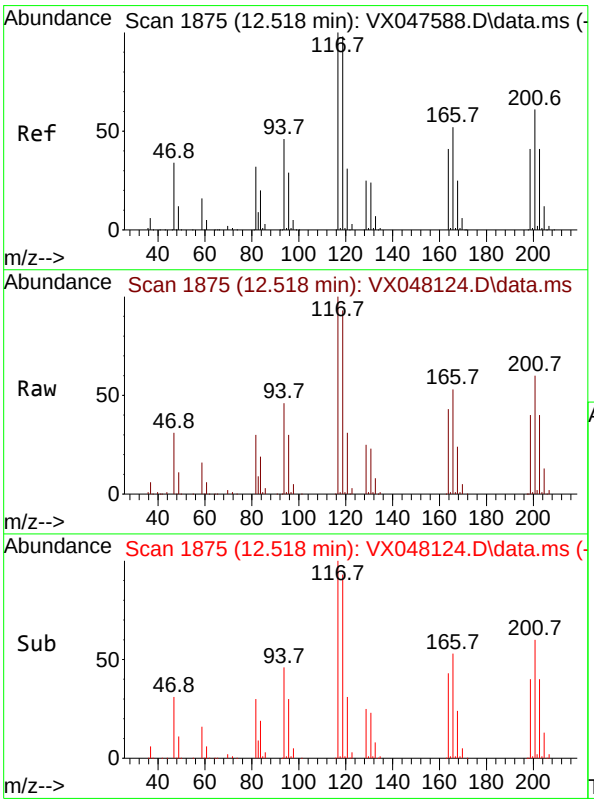
#89
n-Butylbenzene
Concen: 45.225 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 293175

Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.6	82.7
134	24.3	12.6	37.8

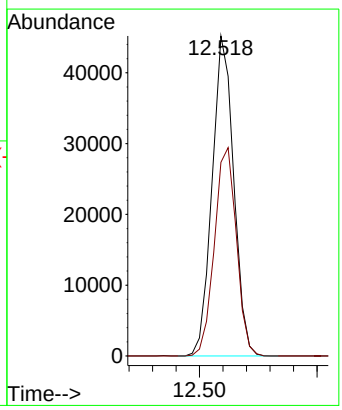


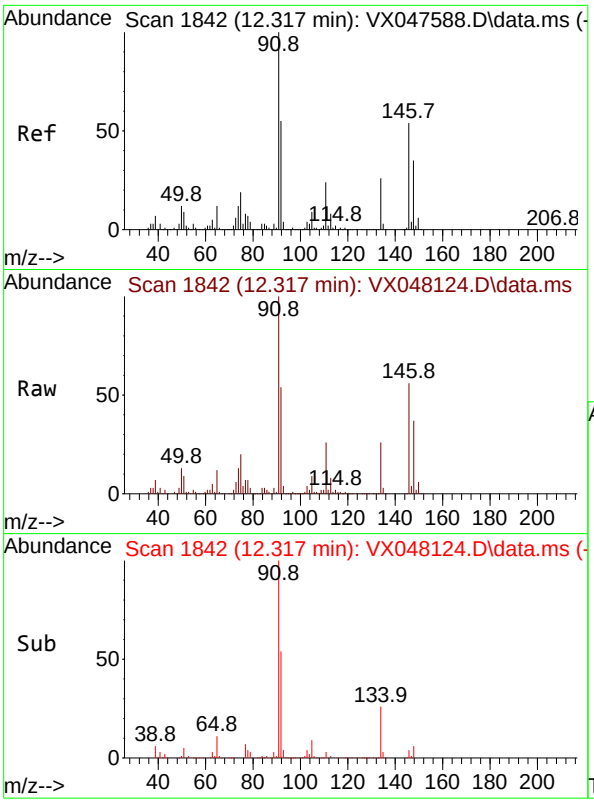


#90
Hexachloroethane
Concen: 46.945 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:117 Resp: 57744

Ion	Ratio	Lower	Upper
117	100		
201	66.3	34.2	102.5



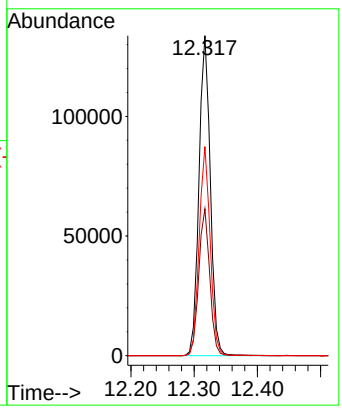


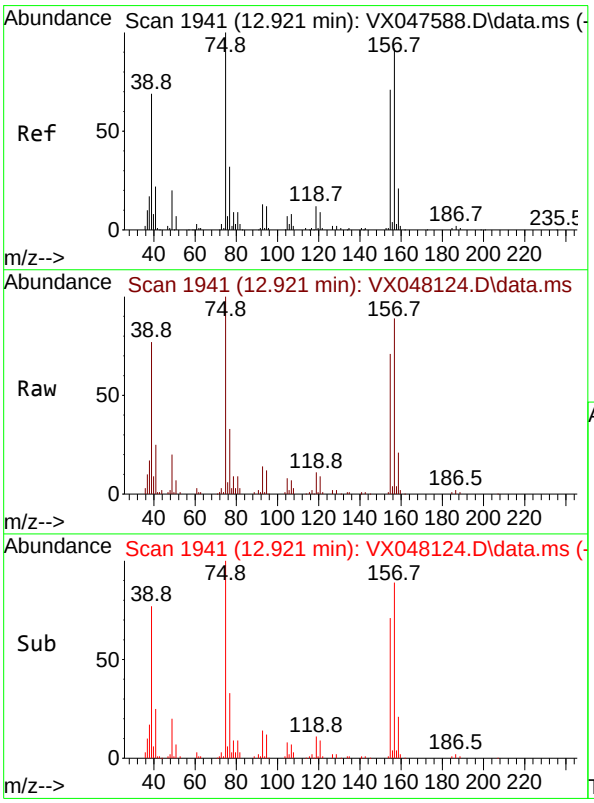
#91
1,2-Dichlorobenzene
Concen: 46.332 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 167273

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.2	66.6
148	63.5	31.8	95.4

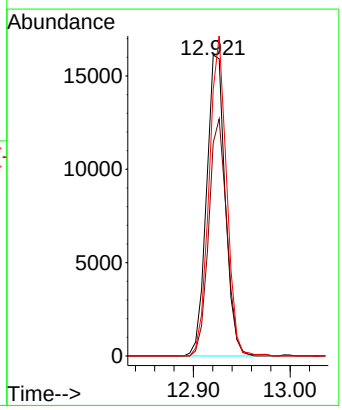


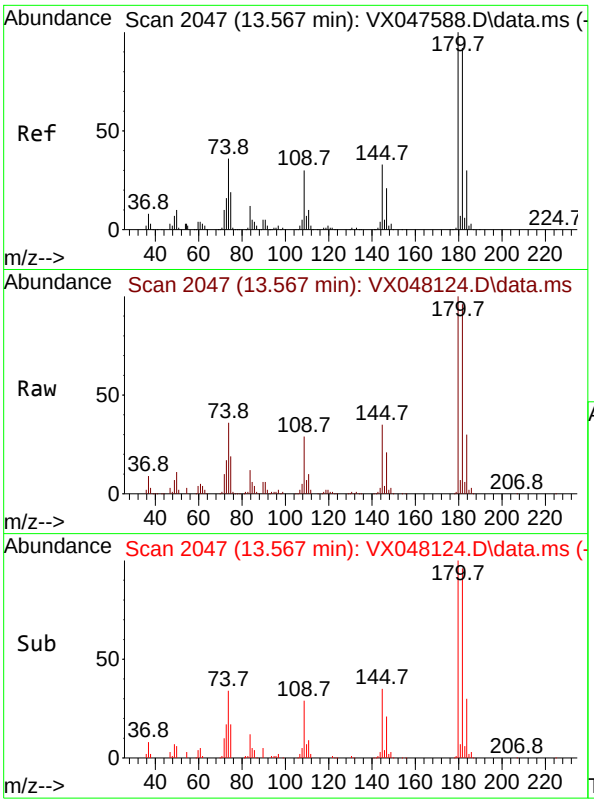


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.854 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion: 75 Resp: 21745

Ion	Ratio	Lower	Upper
75	100		
155	75.6	37.7	113.1
157	99.1	49.8	149.4



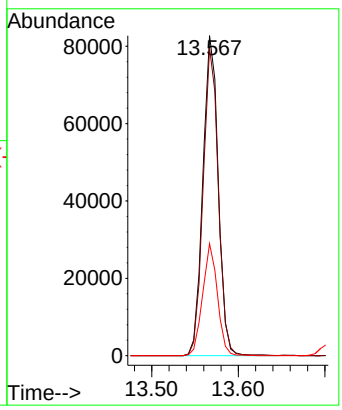


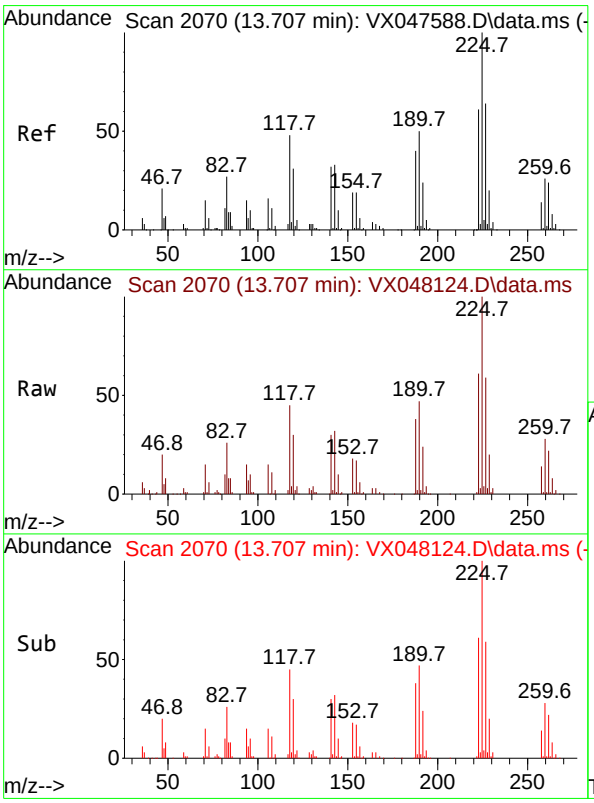
#93
1,2,4-Trichlorobenzene
Concen: 43.488 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 102039

Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.6	139.8
145	33.6	16.4	49.1

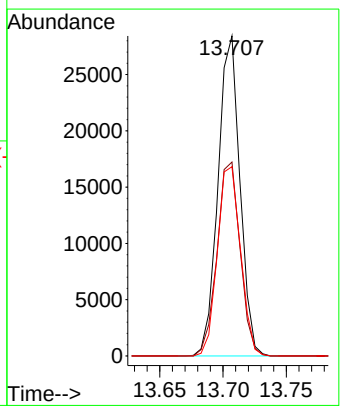


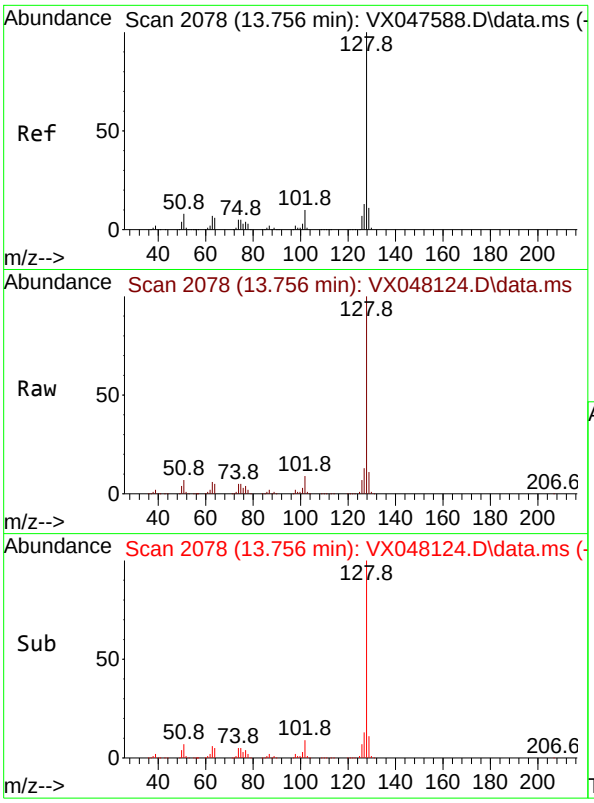


#94
Hexachlorobutadiene
Concen: 42.912 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:225 Resp: 34201

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.7	95.1
227	62.3	32.0	96.0



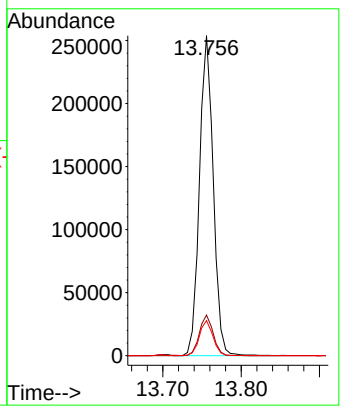


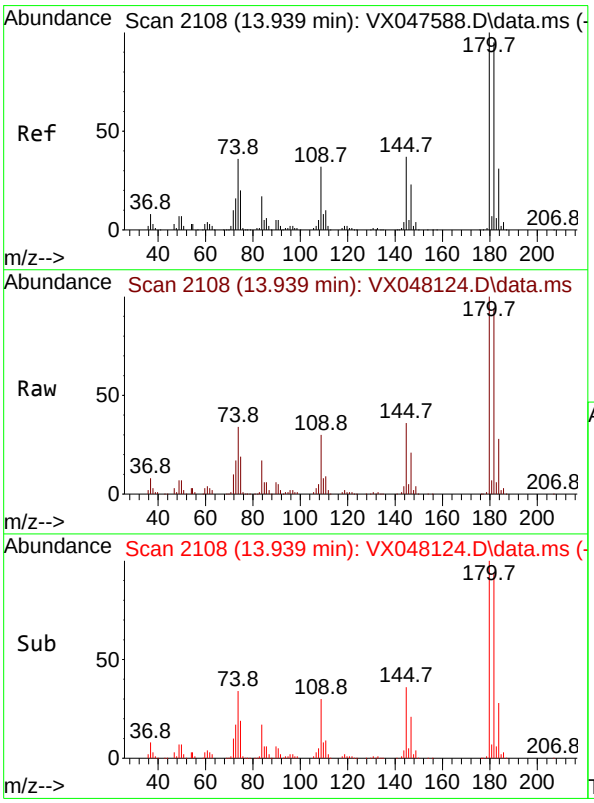
#95
Naphthalene
Concen: 43.435 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 310337

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.8	13.2

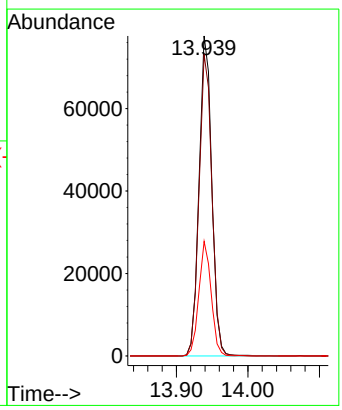




#96
1,2,3-Trichlorobenzene
Concen: 43.689 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048124.D
Acq: 10 Oct 2025 19:40

Tgt Ion:180 Resp: 95358

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	34.9	17.9	53.7



Quantitation Report (Not Reviewed)

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
ClientSampleId :
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

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

Quantitation Report (Not Reviewed)

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
ClientSampleId :
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

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	135581	61.075	ug/l		92
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

Quantitation Report (Not Reviewed)

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
ClientSampleId :
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

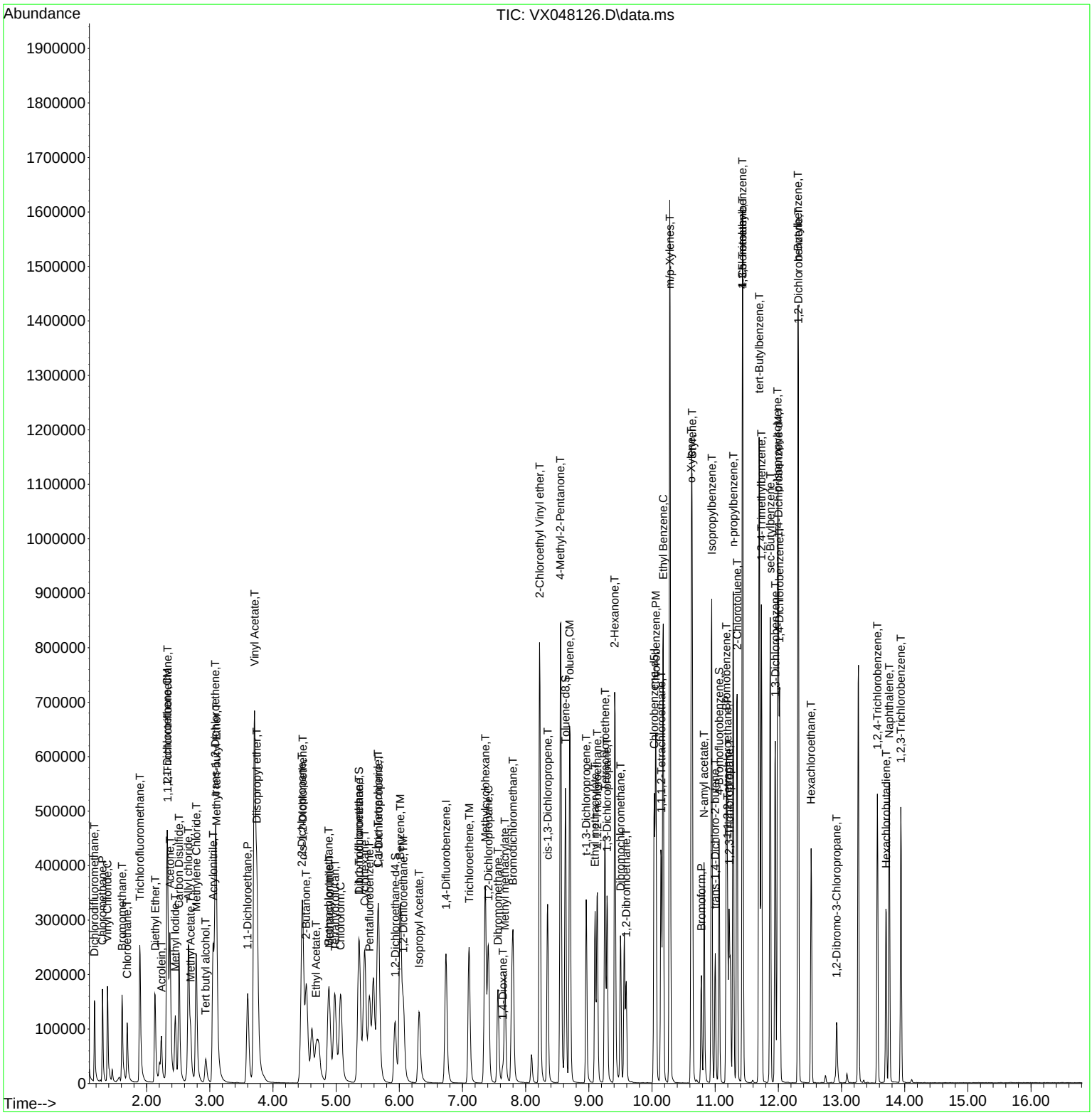
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

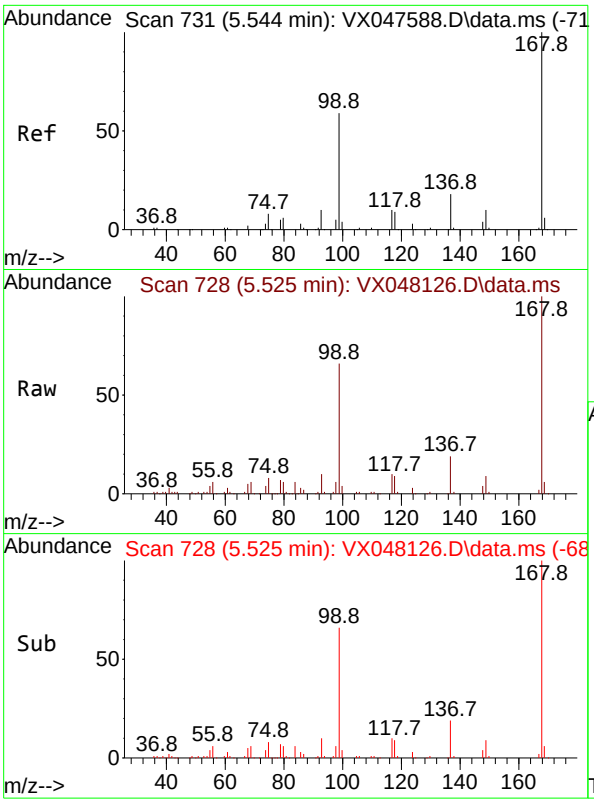
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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



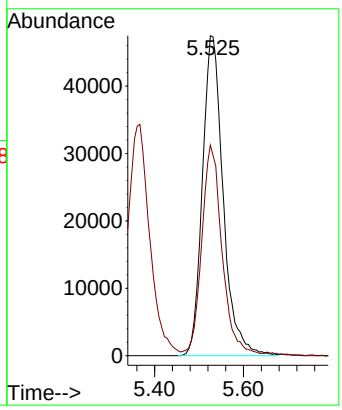


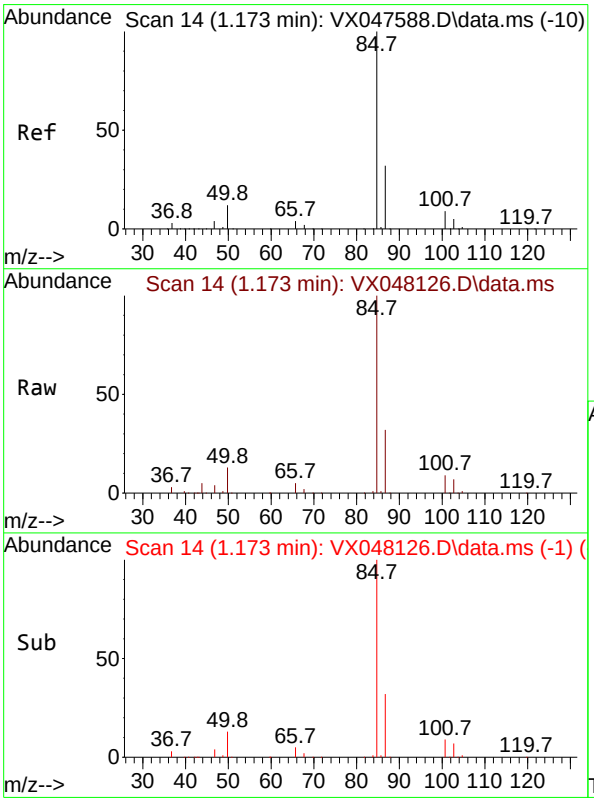
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 7
Delta R.T. -0.019 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 154232

Ion	Ratio	Lower	Upper
168	100		
99	65.2	48.8	73.2

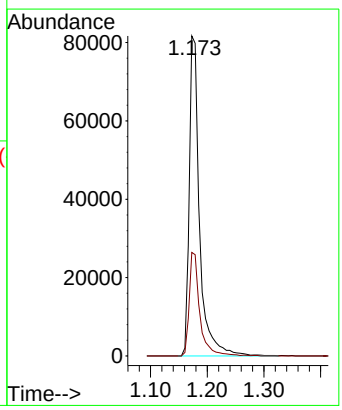


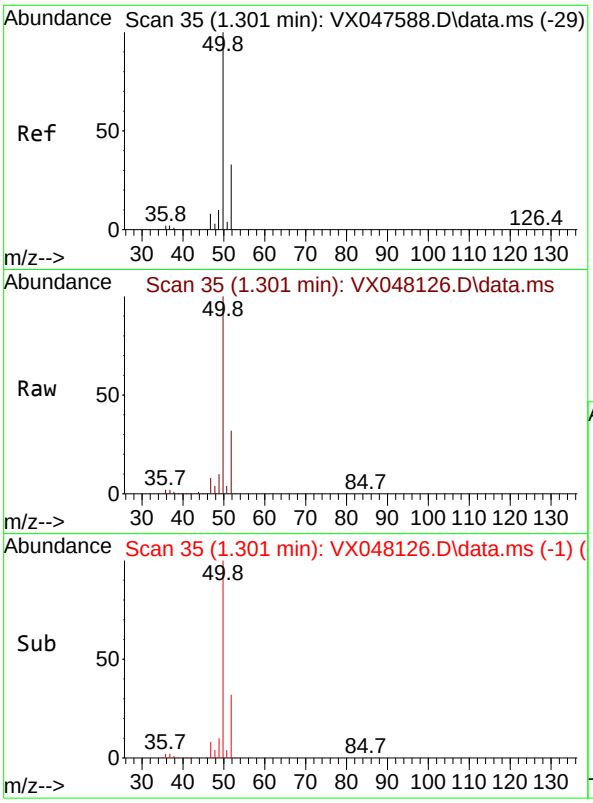


#2
Dichlorodifluoromethane
Concen: 64.782 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 85 Resp: 103463

Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.8	47.3



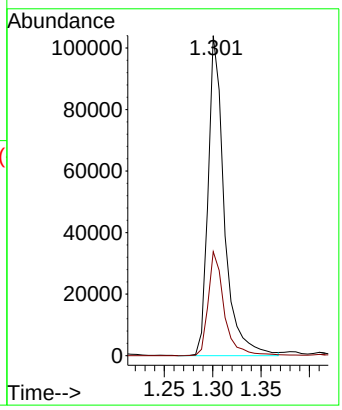


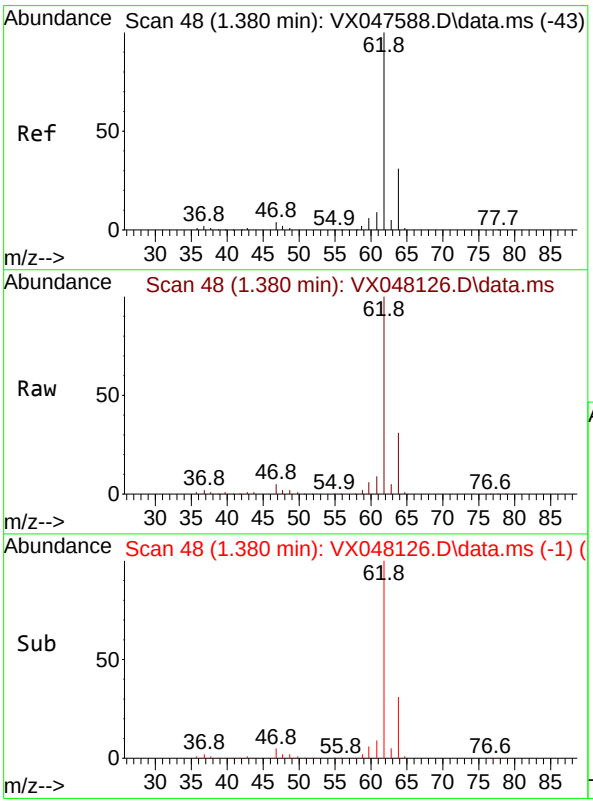
#3
Chloromethane
Concen: 57.677 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 121065

Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.1	39.1

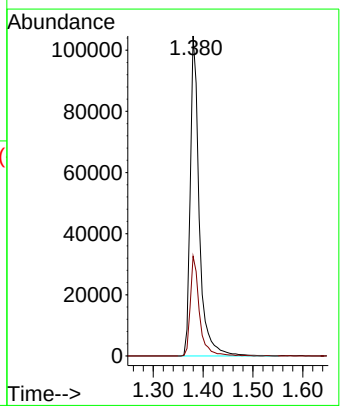


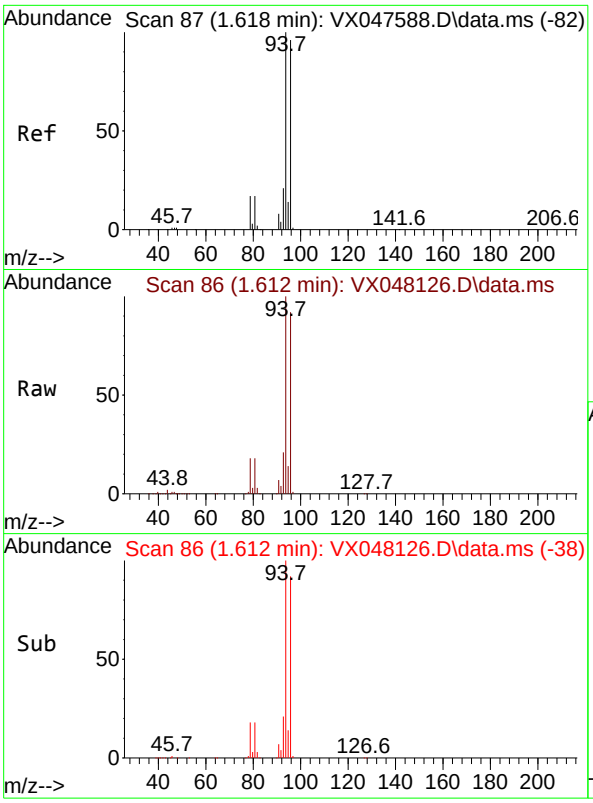


#4
Vinyl Chloride
Concen: 63.944 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 62 Resp: 131386

Ion	Ratio	Lower	Upper
62	100		
64	31.2	24.9	37.3



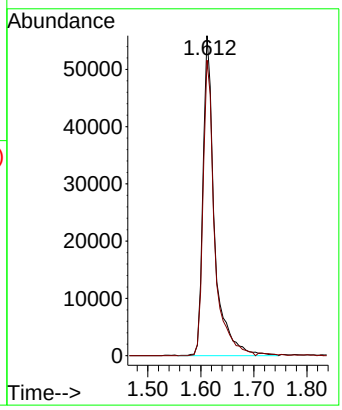


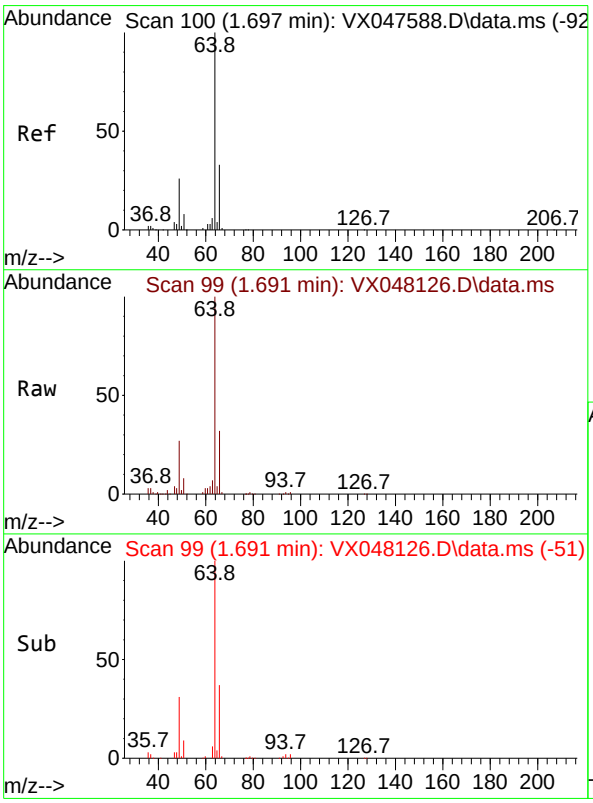
#5
Bromomethane
Concen: 65.021 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 84717

Ion	Ratio	Lower	Upper
94	100		
96	92.3	76.6	115.0

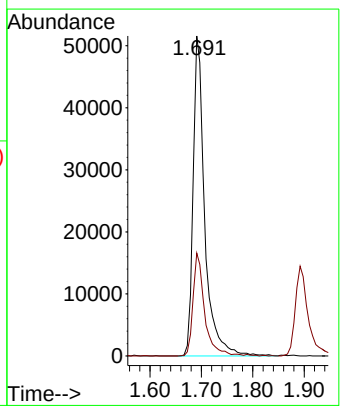


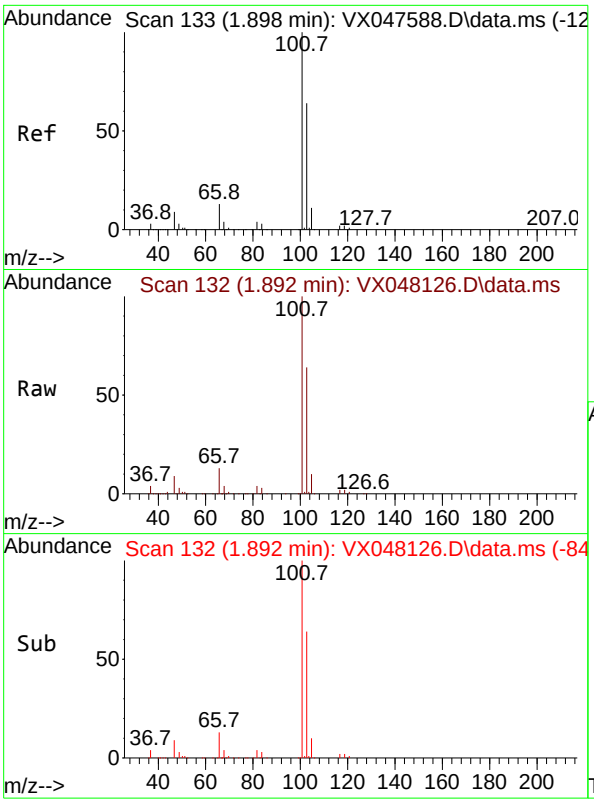


#6
Chloroethane
Concen: 59.077 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 64 Resp: 81130

Ion	Ratio	Lower	Upper
64	100		
66	32.2	26.1	39.1



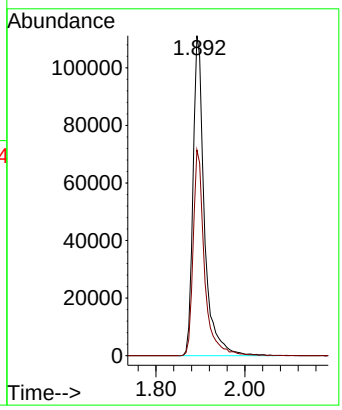


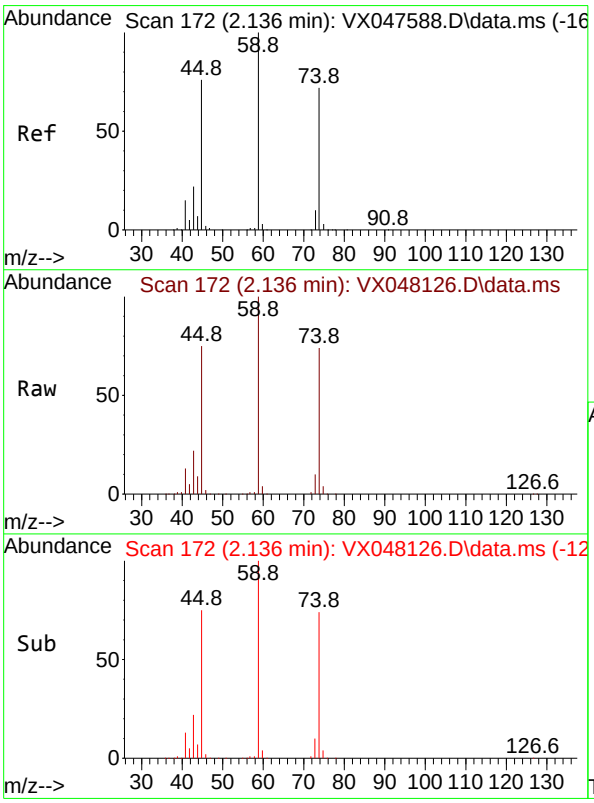
#7
Trichlorofluoromethane
Concen: 64.492 ug/l
RT: 1.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 196755

Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.4	77.2

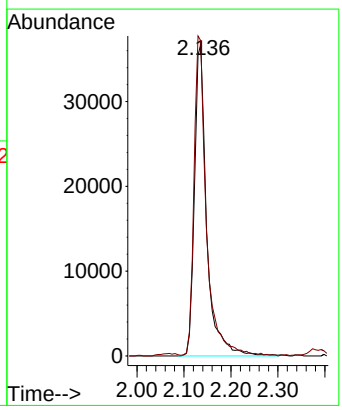


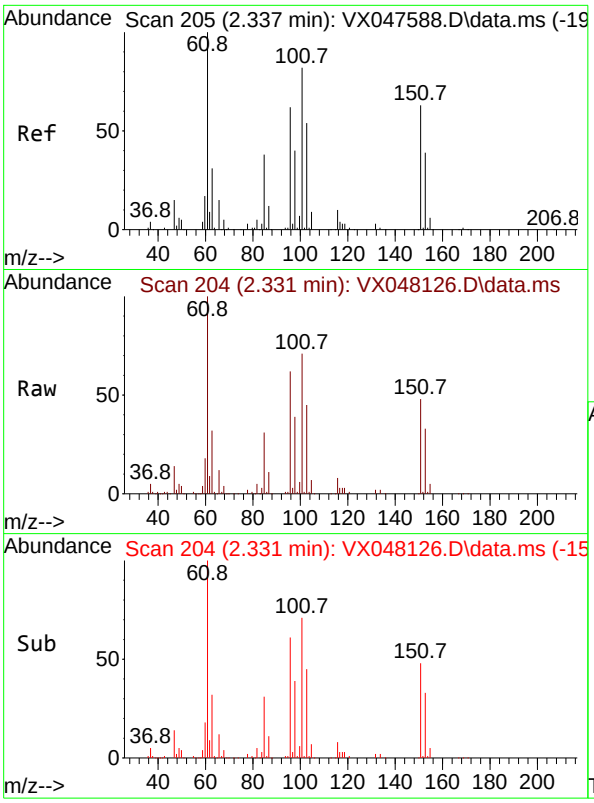


#8
Diethyl Ether
Concen: 53.511 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 74 Resp: 66781

Ion	Ratio	Lower	Upper
74	100		
45	105.1	52.3	156.8



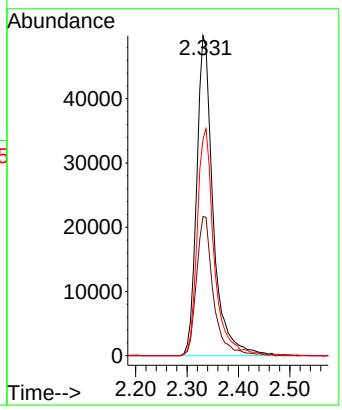


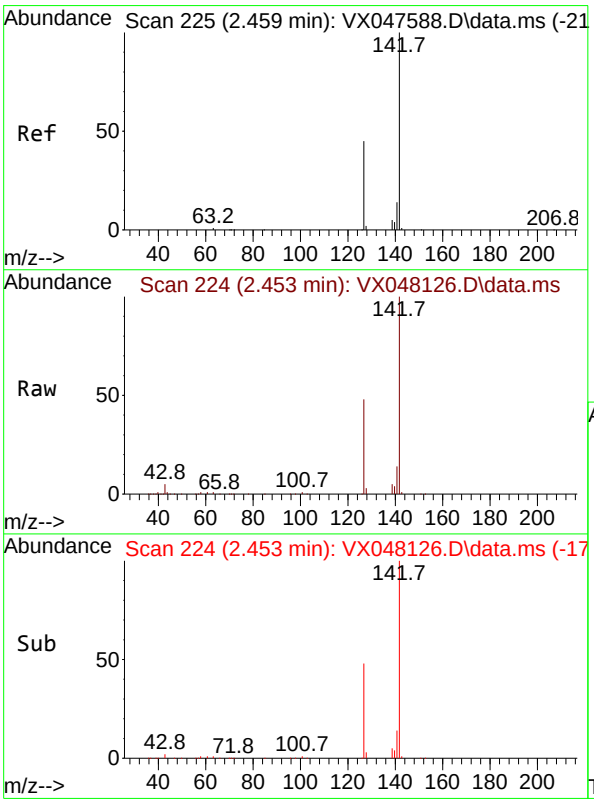
#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.189 ug/l
RT: 2.331 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 110939

Ion	Ratio	Lower	Upper
101	100		
85	44.7	35.5	53.3
151	72.9	59.4	89.0

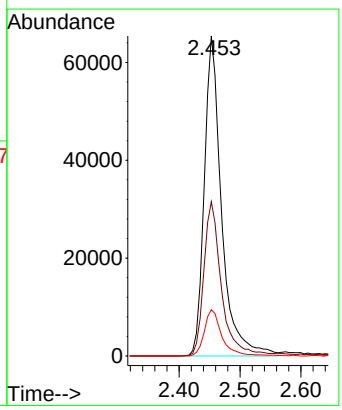


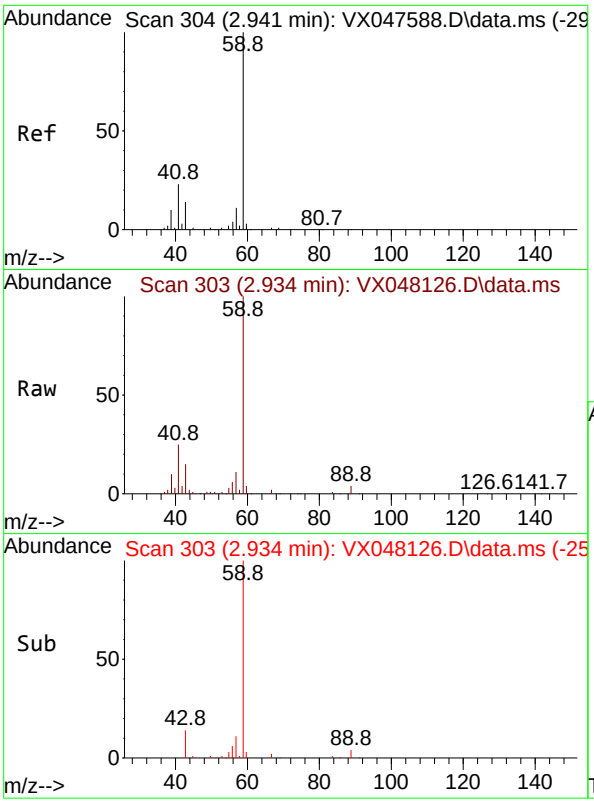


#10
Methyl Iodide
Concen: 46.479 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



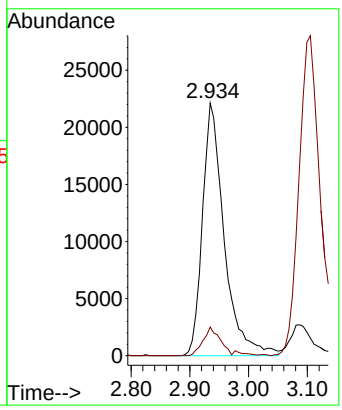


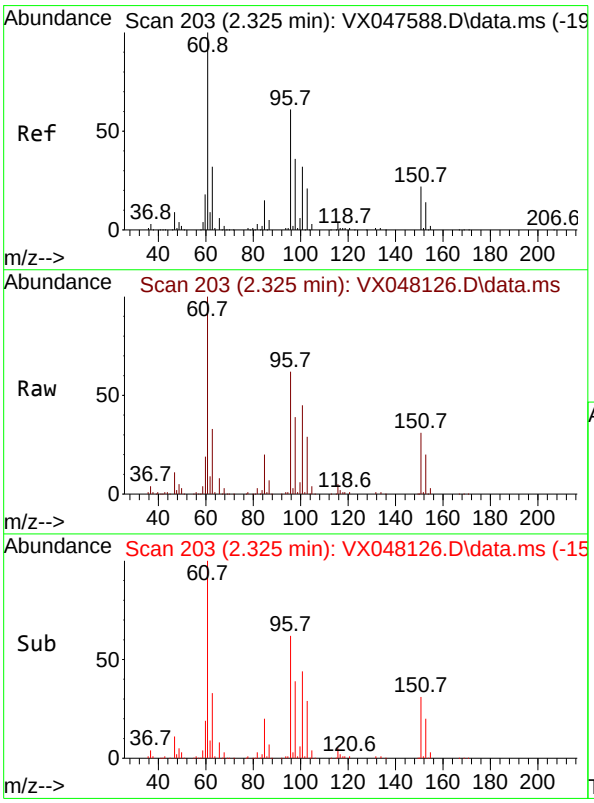
#11
Tert butyl alcohol
Concen: 208.211 ug/l
RT: 2.934 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 56929

Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.3	12.5

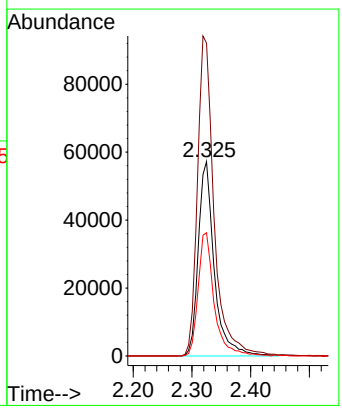


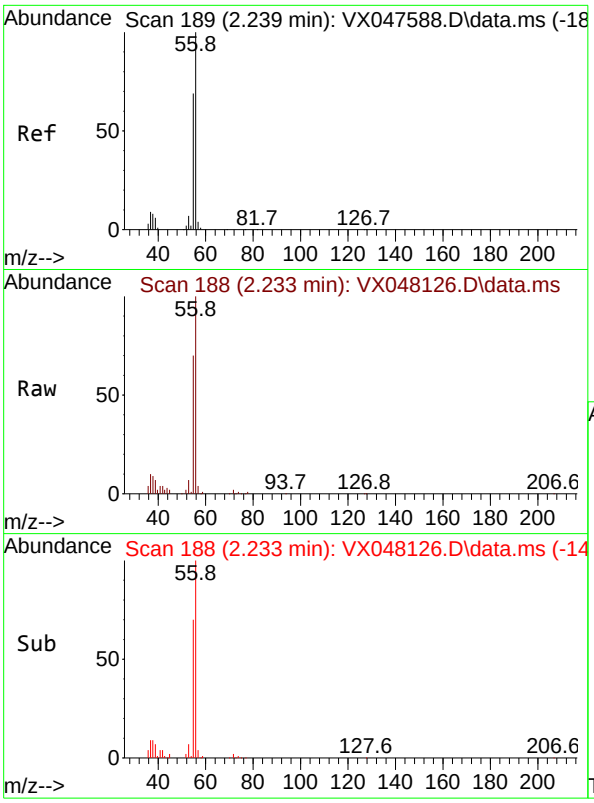


#12
1,1-Dichloroethene
Concen: 59.251 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



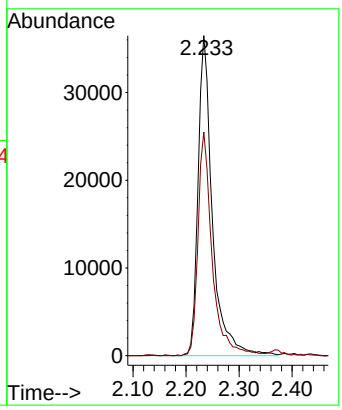


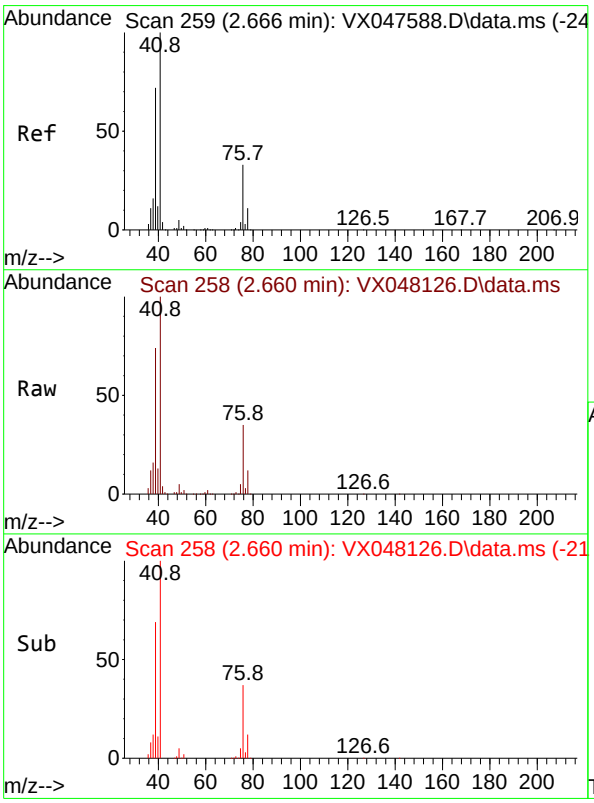
#13
Acrolein
Concen: 272.102 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 68559

Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.2	85.8

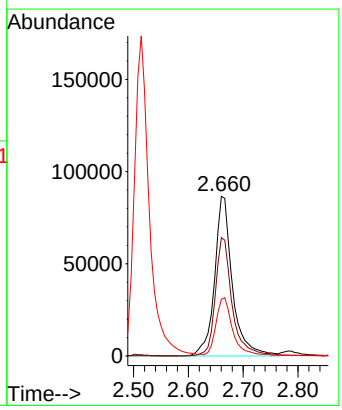


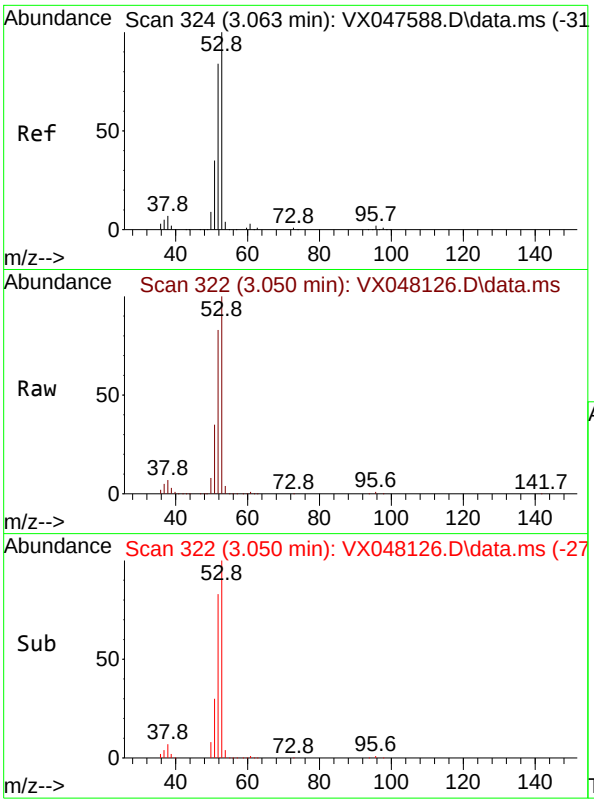


#14
Allyl chloride
Concen: 51.934 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



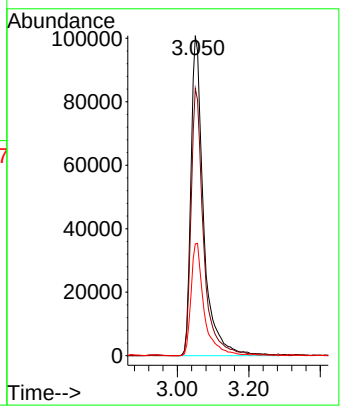


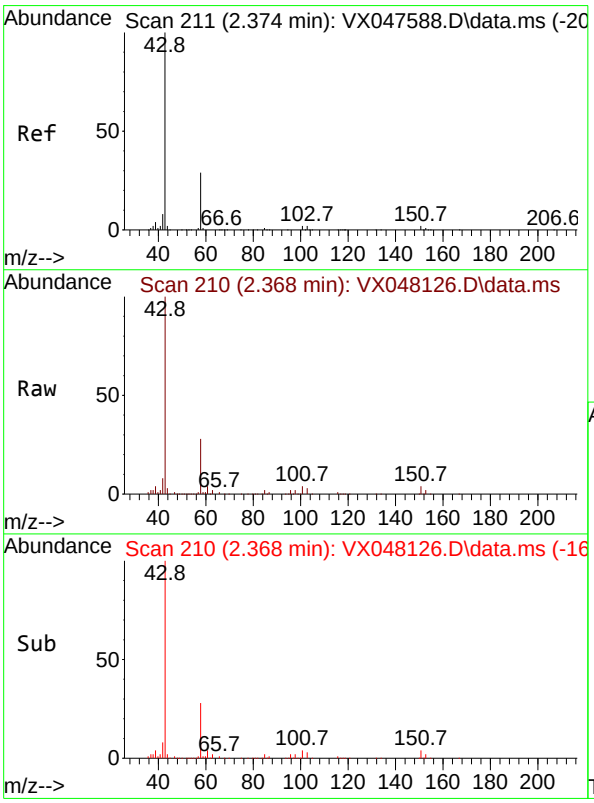
#15
Acrylonitrile
Concen: 245.639 ug/l
RT: 3.050 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 248774

Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.4	99.6
51	36.5	29.5	44.3

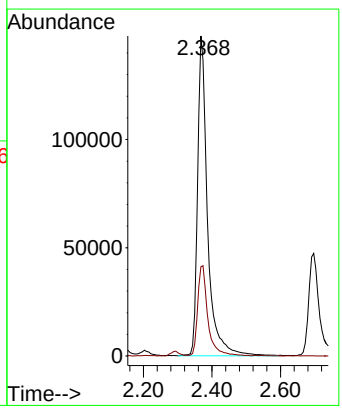


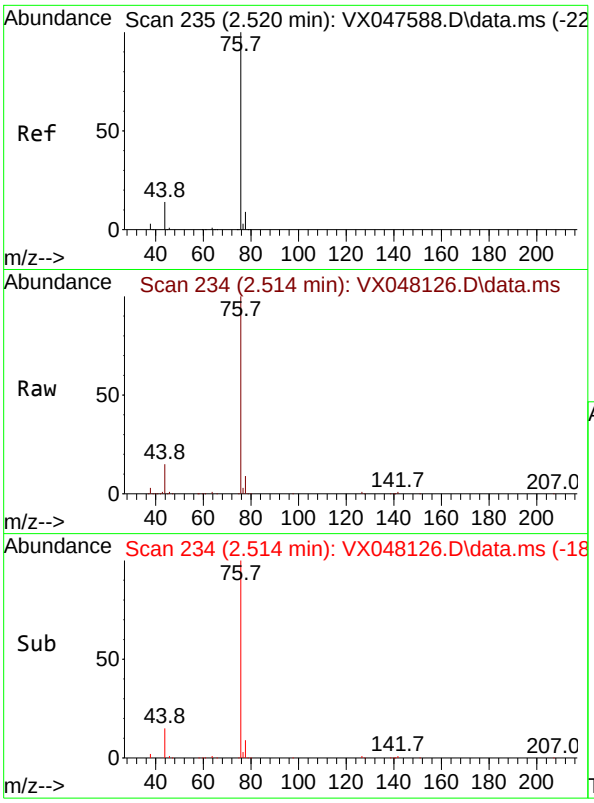


#16
Acetone
Concen: 280.657 ug/l
RT: 2.368 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 299583

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.4	35.0



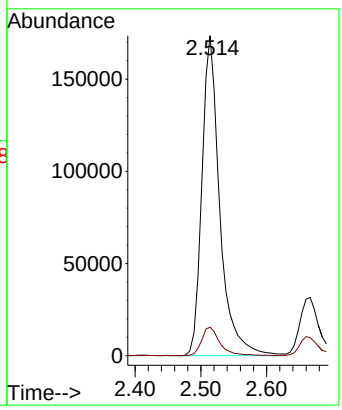


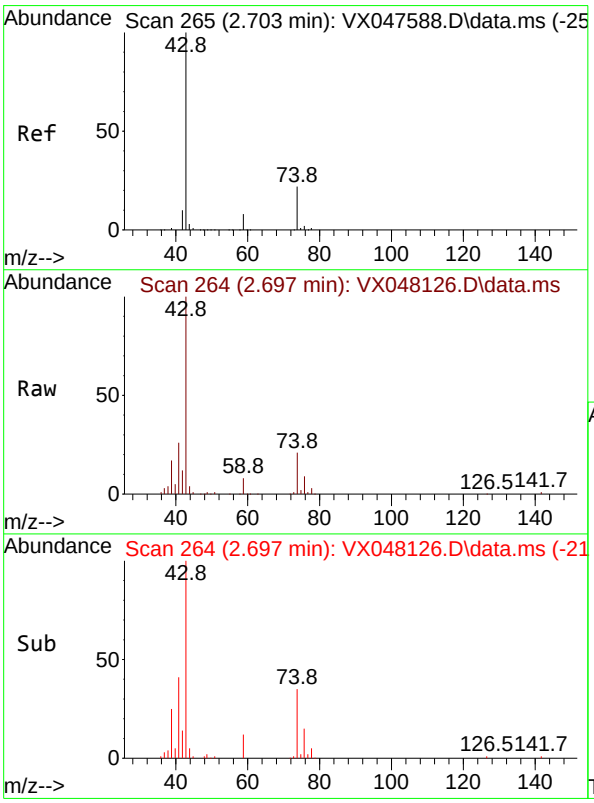
#17
Carbon Disulfide
Concen: 65.341 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 327782

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2

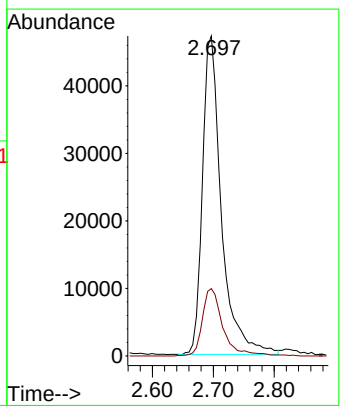


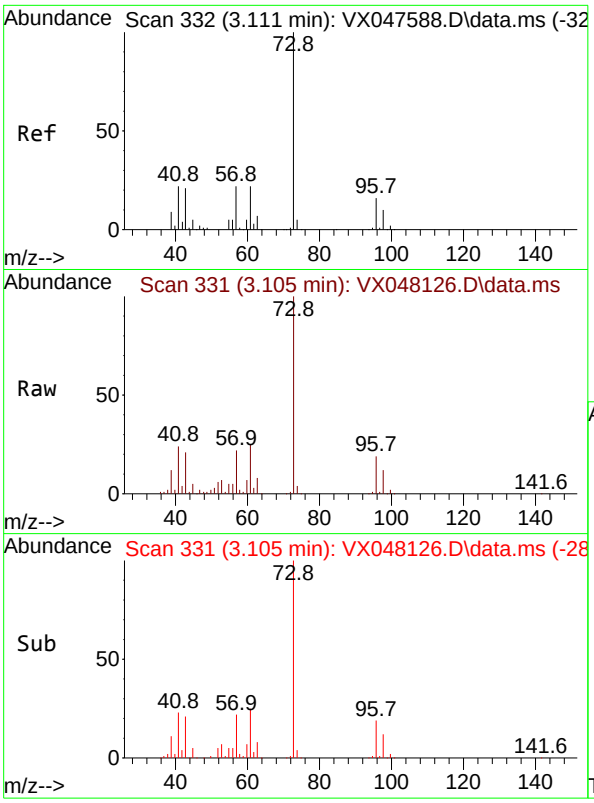


#18
Methyl Acetate
Concen: 42.977 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 43 Resp: 102094

Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2



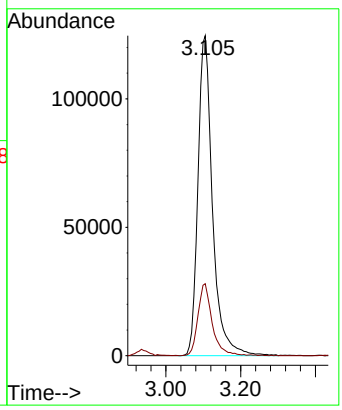


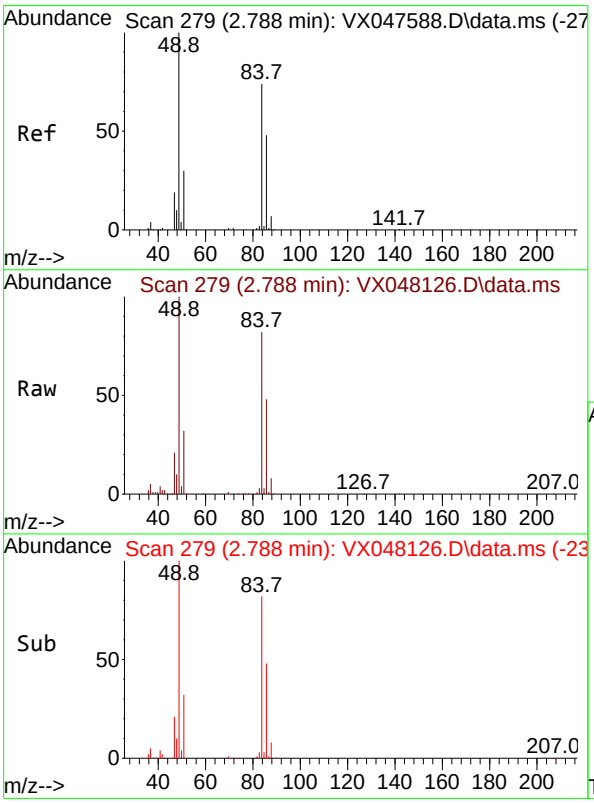
#19
Methyl tert-butyl Ether
Concen: 50.353 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 336820

Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.4	26.2

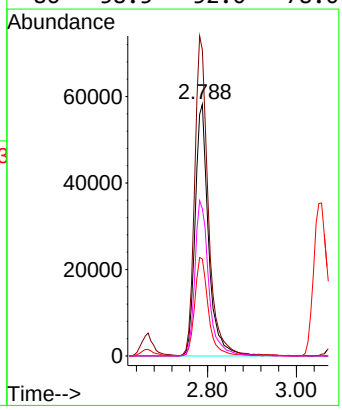


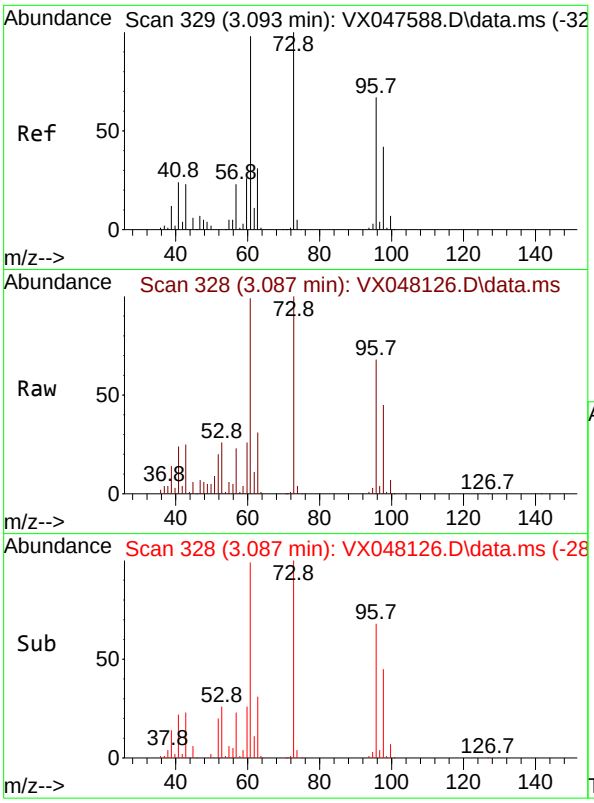


#20
Methylene Chloride
Concen: 54.092 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



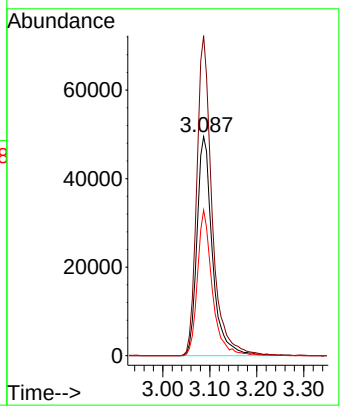


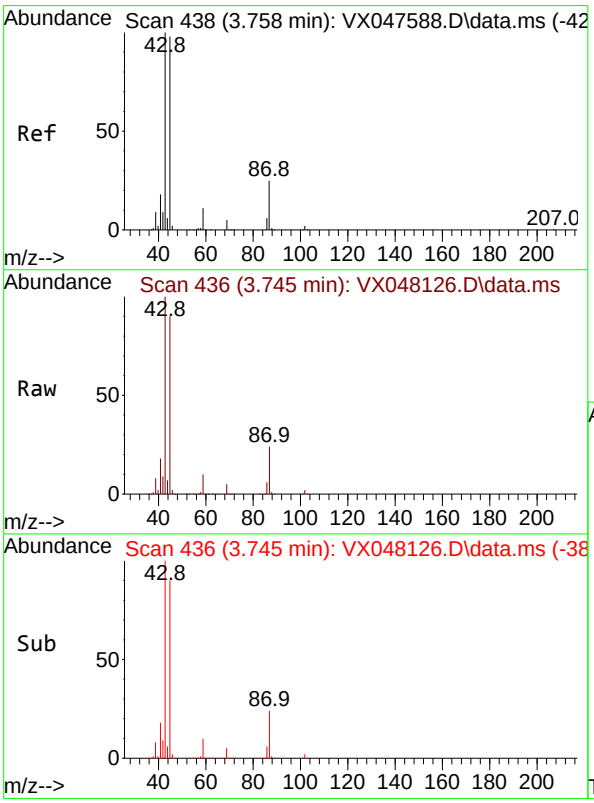
#21
trans-1,2-Dichloroethene
Concen: 57.586 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 113608

Ion	Ratio	Lower	Upper
96	100		
61	146.1	116.2	174.2
98	68.5	49.3	73.9

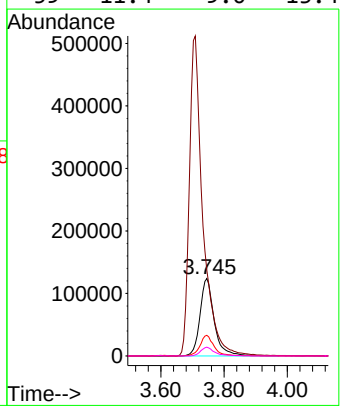


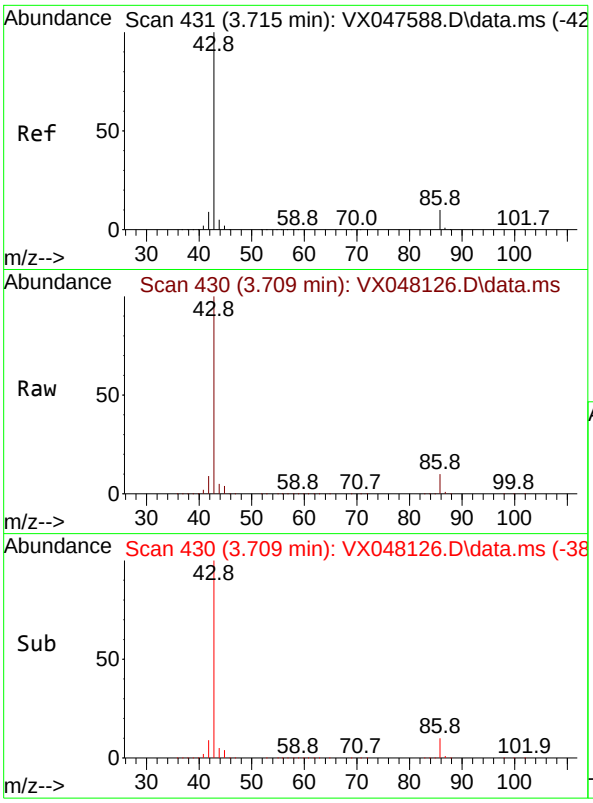


#22
Diisopropyl ether
Concen: 52.853 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



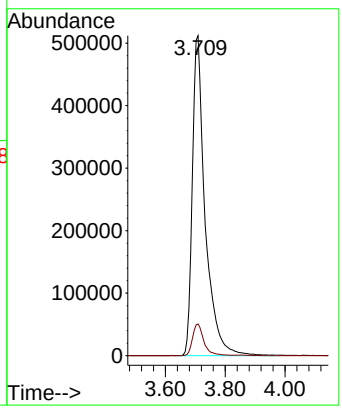


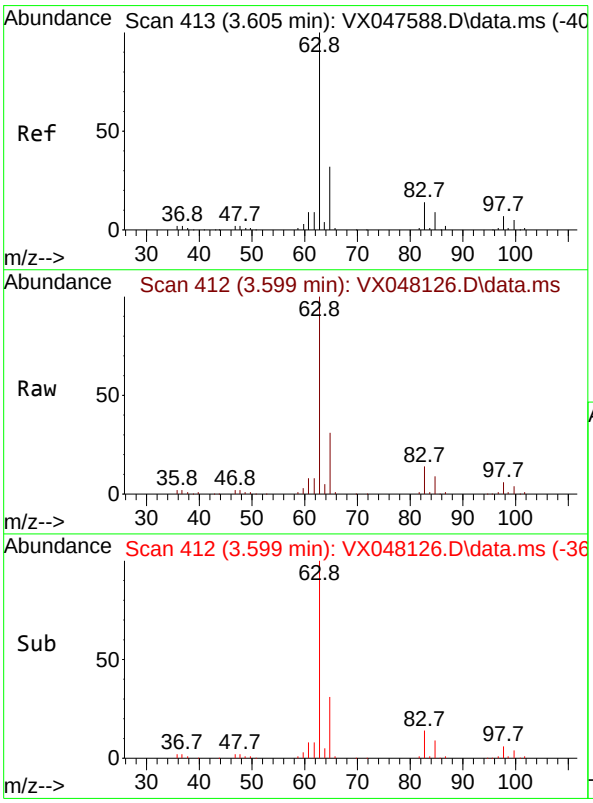
#23
Vinyl Acetate
Concen: 259.984 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1524842

Ion	Ratio	Lower	Upper
43	100		
86	9.9	7.8	11.8

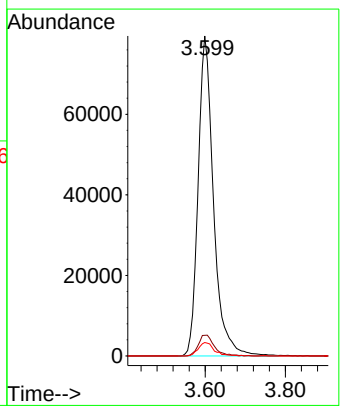


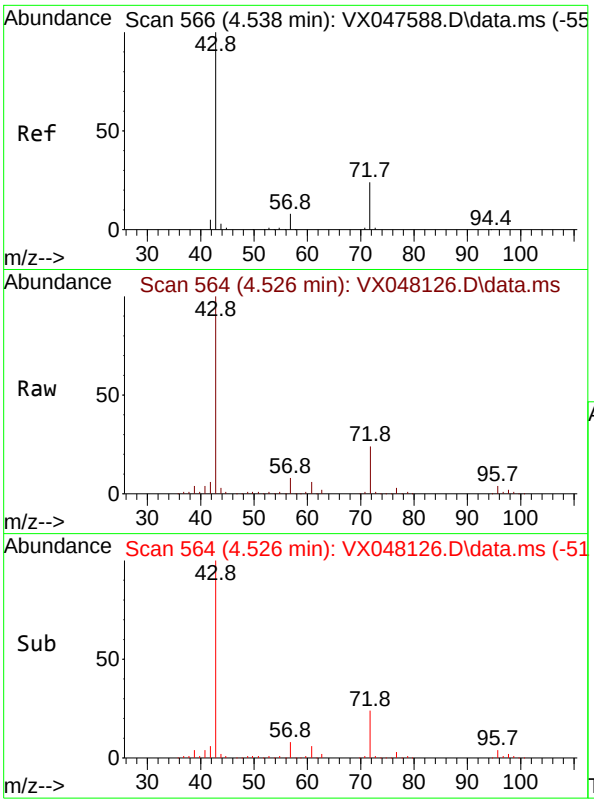


#24
1,1-Dichloroethane
Concen: 54.414 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



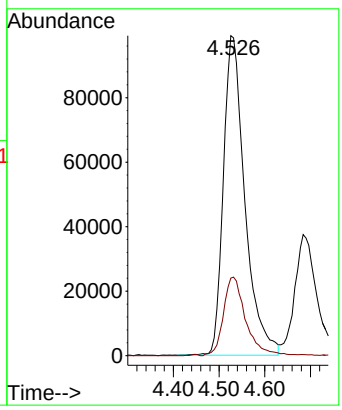


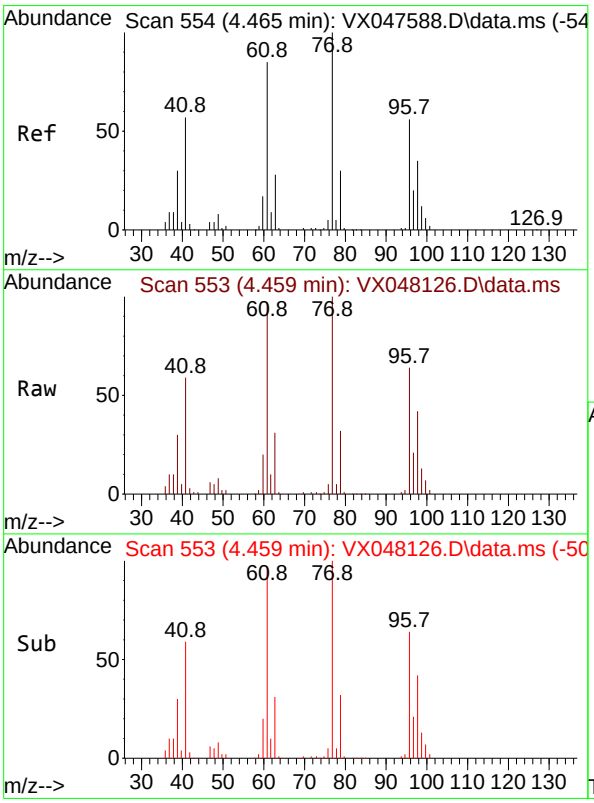
#25
2-Butanone
Concen: 243.044 ug/l
RT: 4.526 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 323611

Ion	Ratio	Lower	Upper
43	100		
72	24.4	20.1	30.1

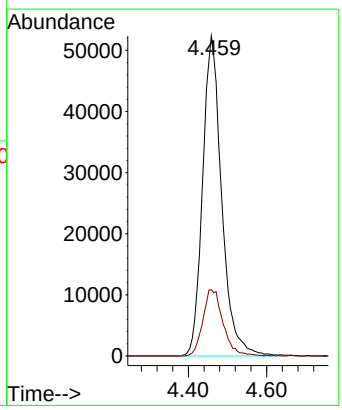


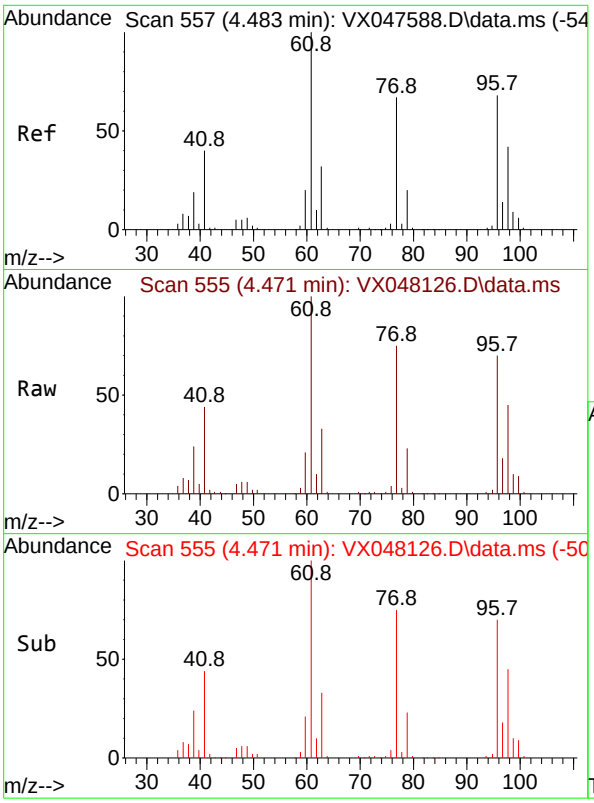


#26
2,2-Dichloropropane
Concen: 54.594 ug/l
RT: 4.459 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 77 Resp: 176762

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7



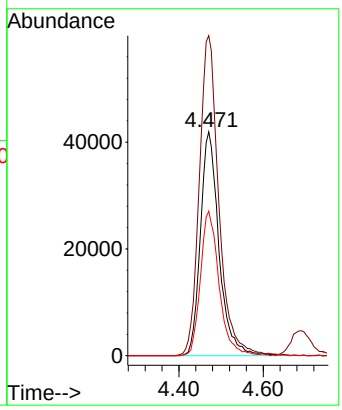


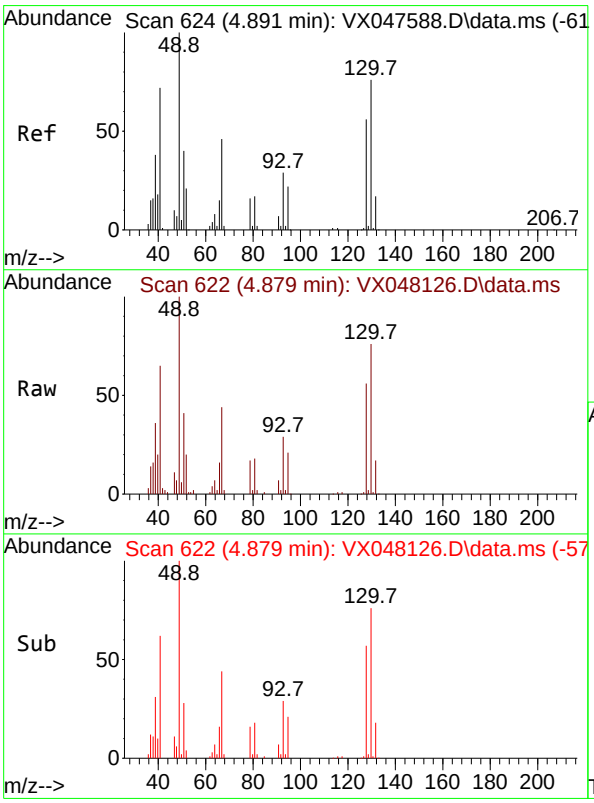
#27
cis-1,2-Dichloroethene
Concen: 53.263 ug/l
RT: 4.471 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 128687

Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	303.2
98	64.5	0.0	127.8

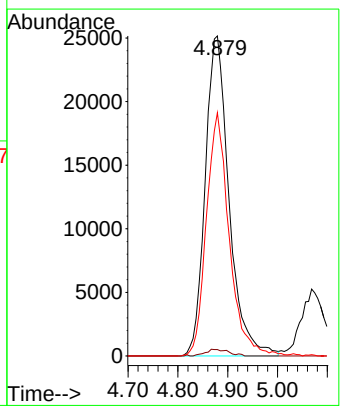


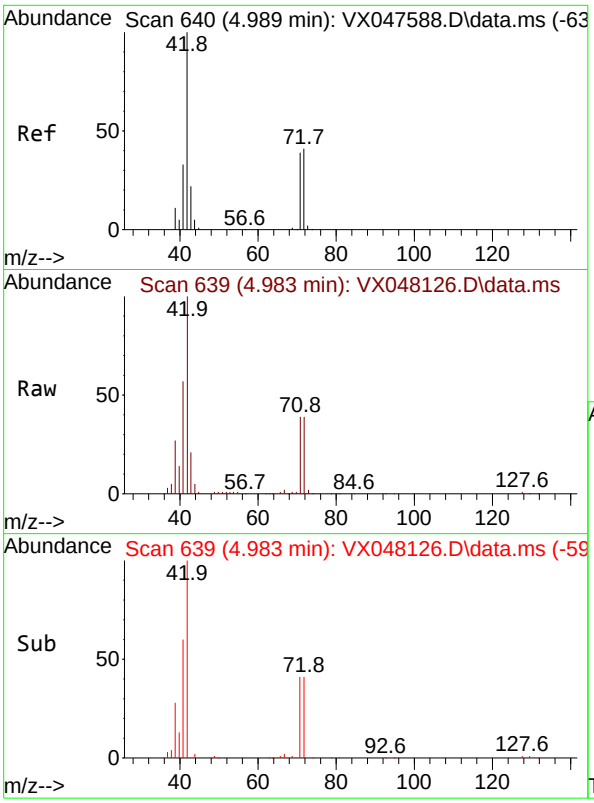


#28
Bromochloromethane
Concen: 49.106 ug/l
RT: 4.879 min Scan# 622
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



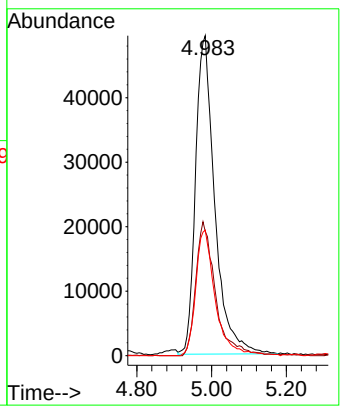


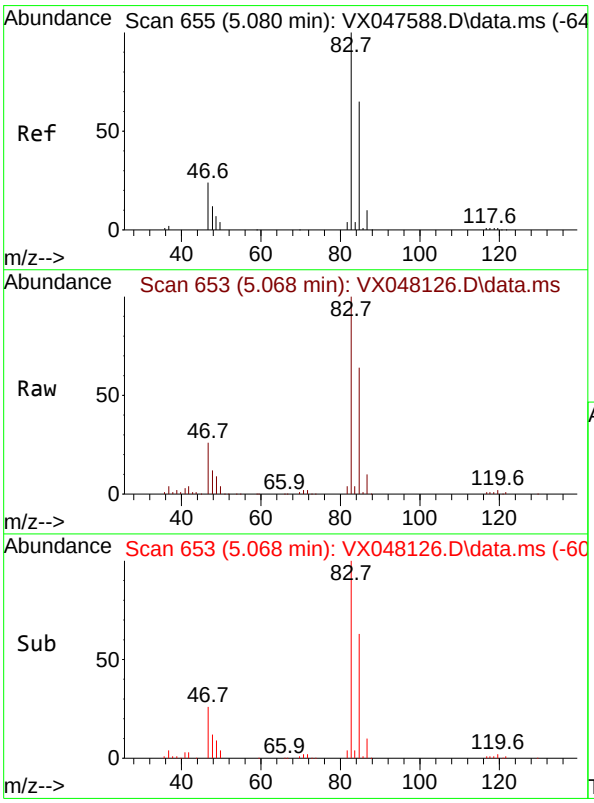
#29
Tetrahydrofuran
Concen: 219.136 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 175527

Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.2
71	40.3	31.9	47.9

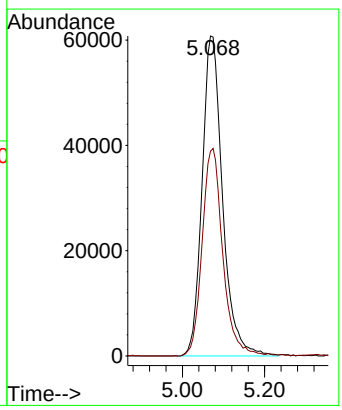


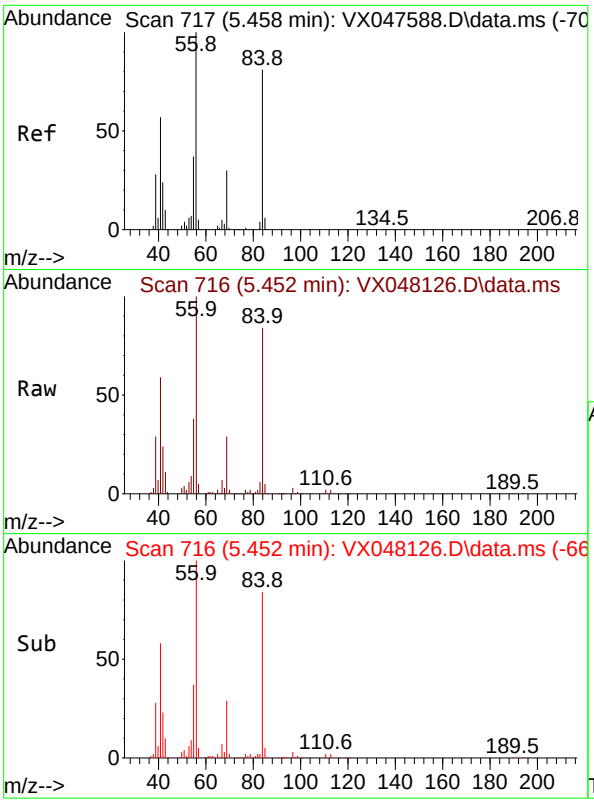


#30
Chloroform
Concen: 53.388 ug/l
RT: 5.068 min Scan# 653
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 83 Resp: 210135

Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.8	77.6



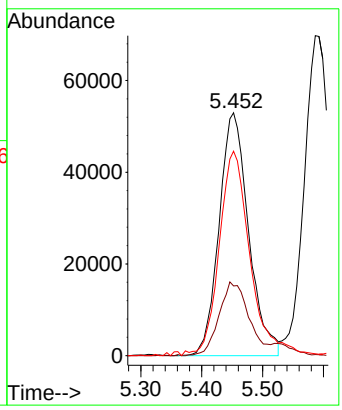


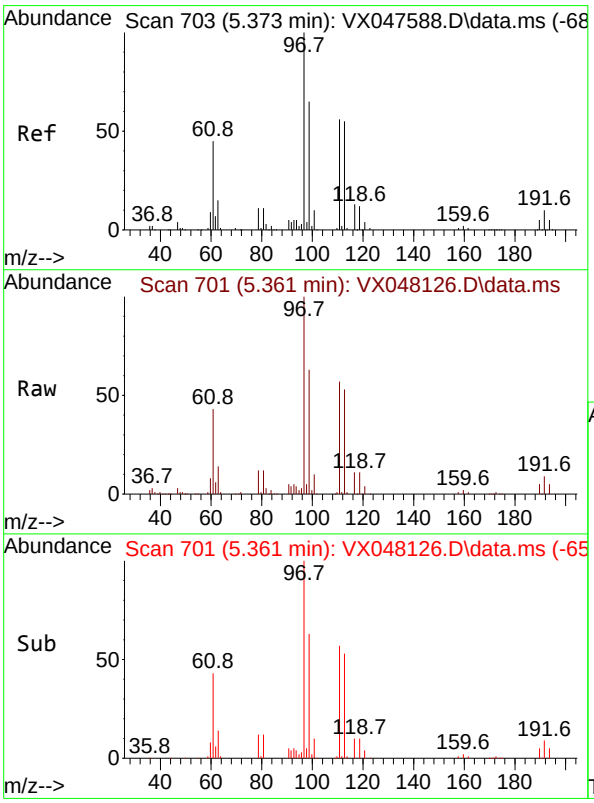
#31
Cyclohexane
Concen: 54.883 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 178045

Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.8	35.8
84	82.6	64.6	97.0

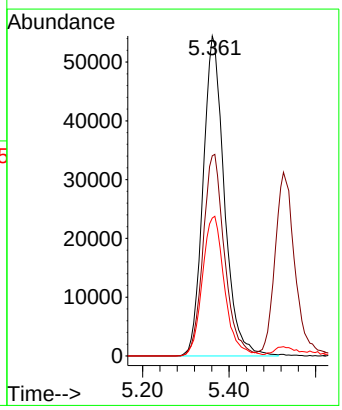


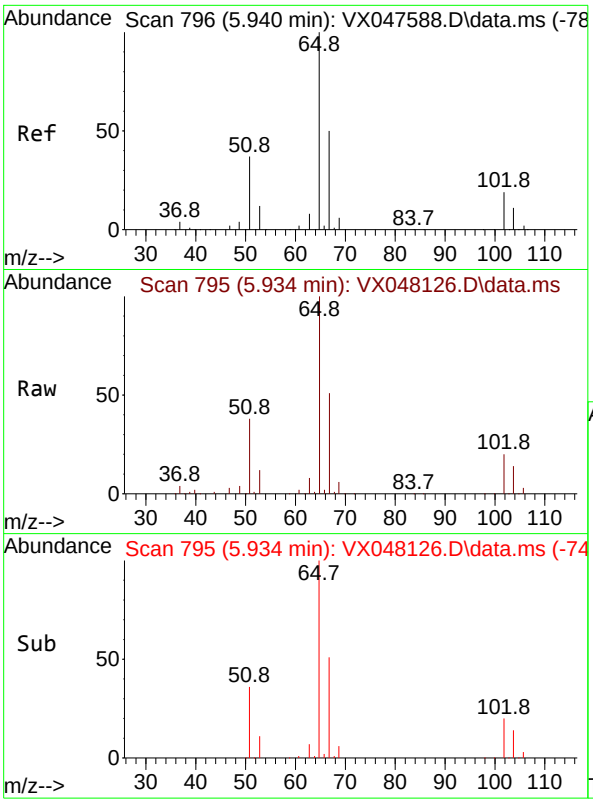


#32
1,1,1-Trichloroethane
Concen: 55.516 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



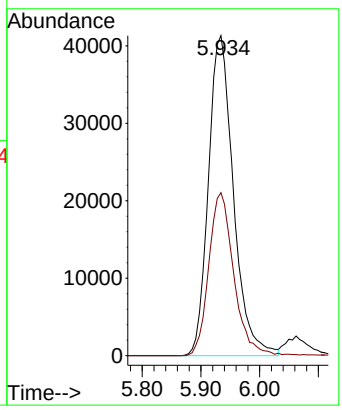


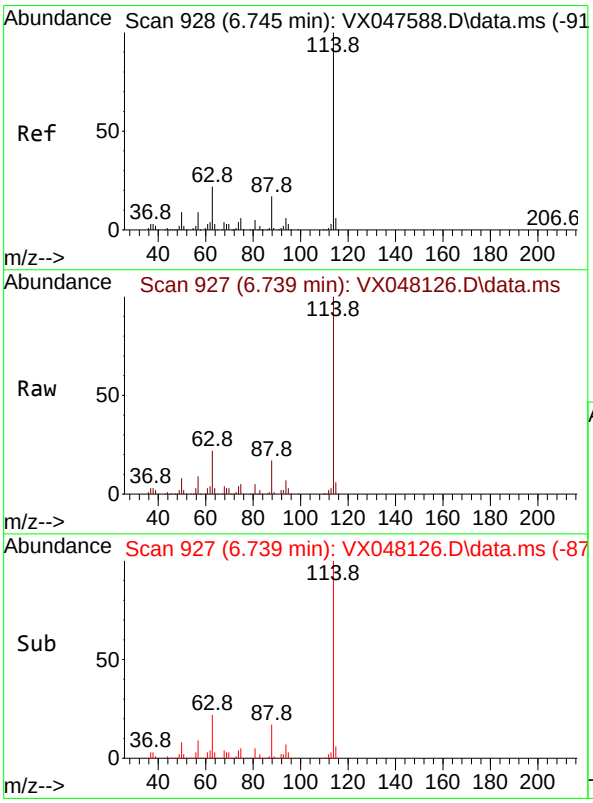
#33
1,2-Dichloroethane-d4
Concen: 49.784 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 122218

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0

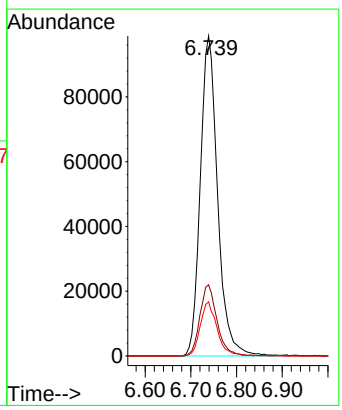


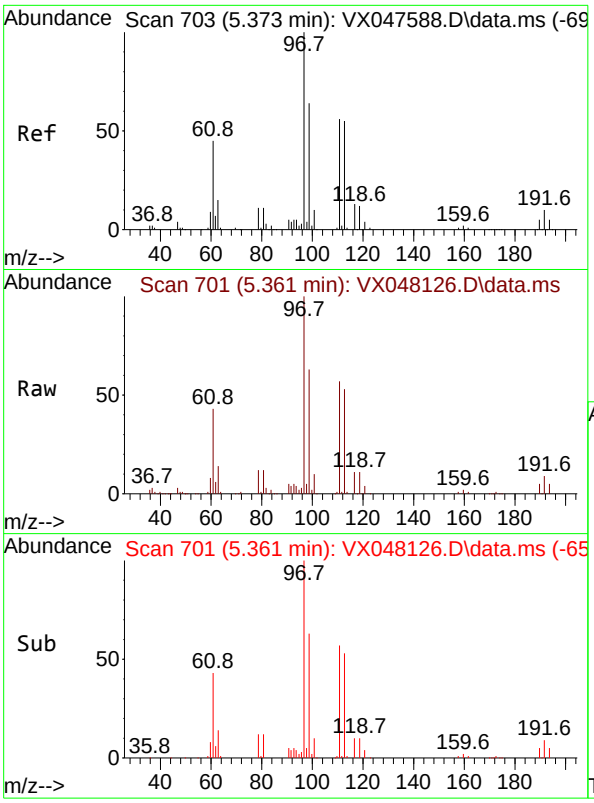


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



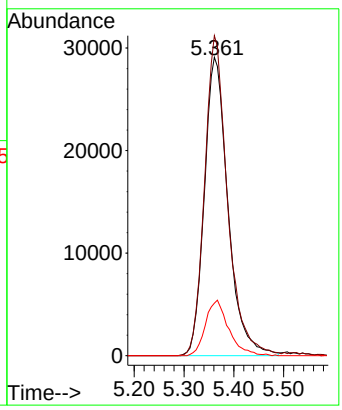


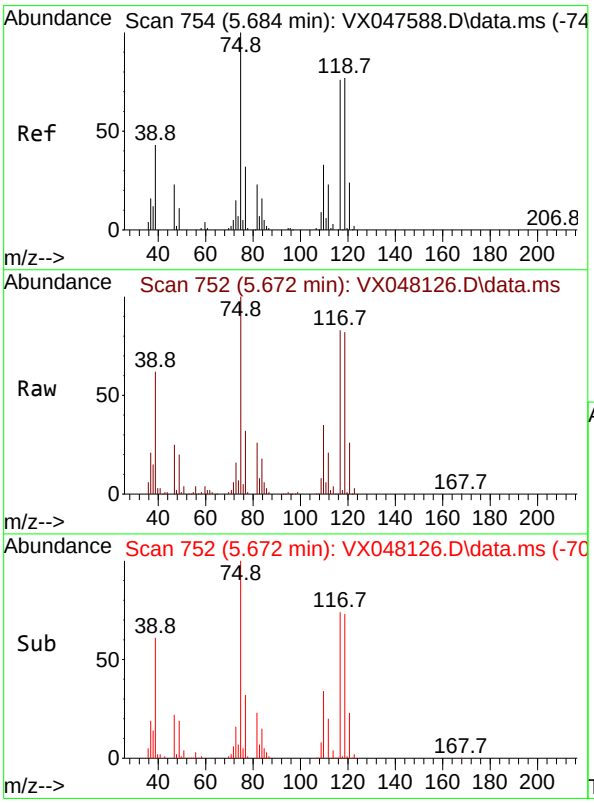
#35
Dibromofluoromethane
Concen: 55.205 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 96057

Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.9	121.3
192	18.3	14.2	21.4

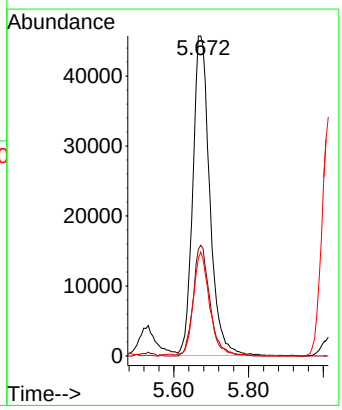


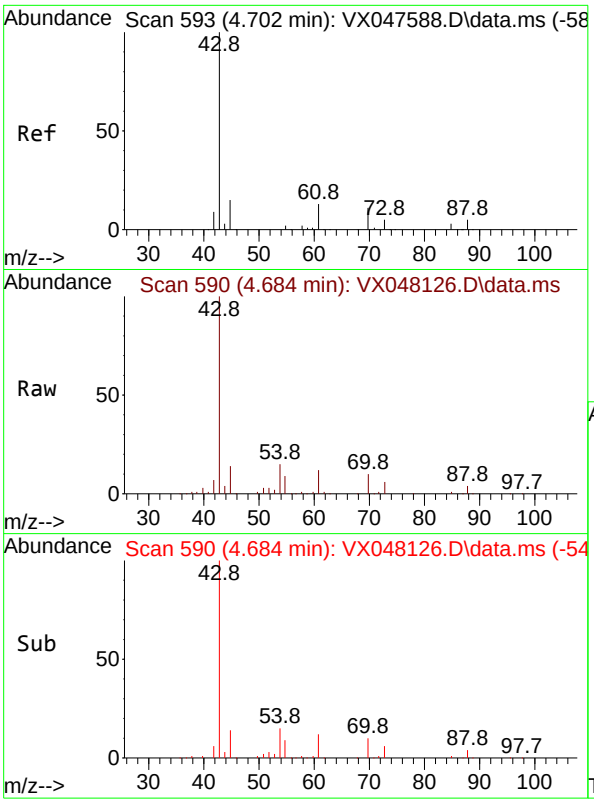


#36
1,1-Dichloropropene
Concen: 56.468 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



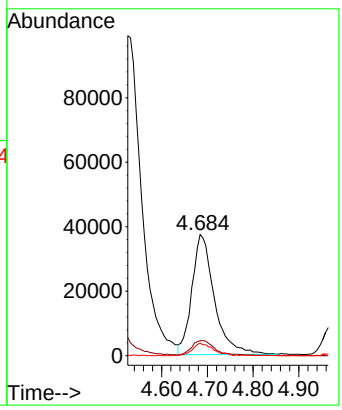


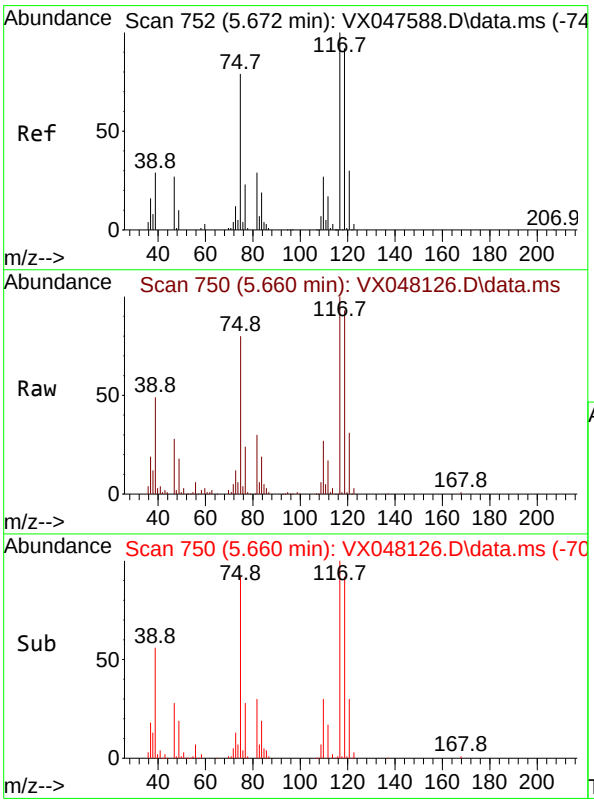
#37
Ethyl Acetate
Concen: 46.586 ug/l
RT: 4.684 min Scan# 5
Delta R.T. -0.018 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 126824

Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.8	14.8
70	9.4	7.9	11.9

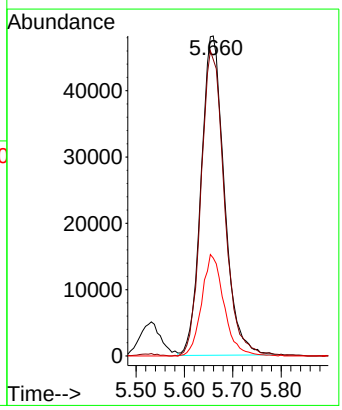


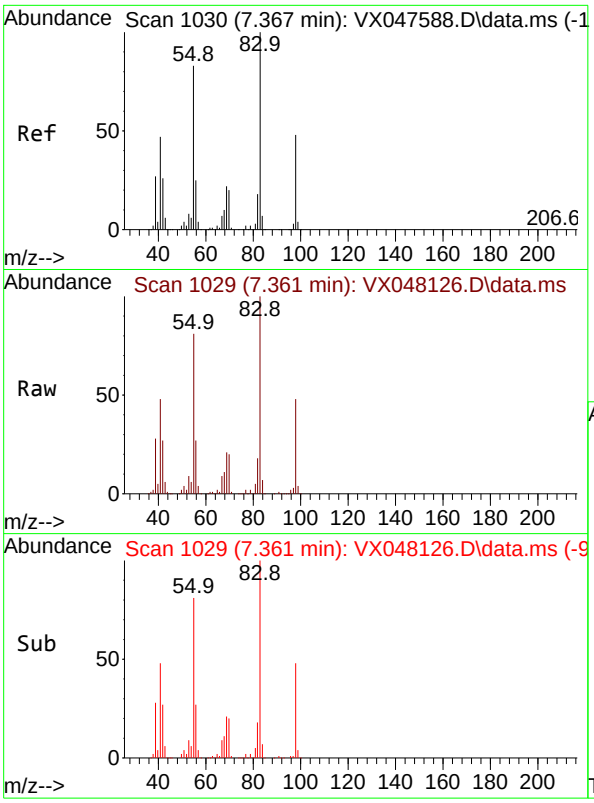


#38
Carbon Tetrachloride
Concen: 58.100 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



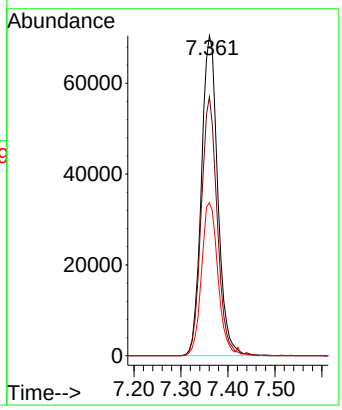


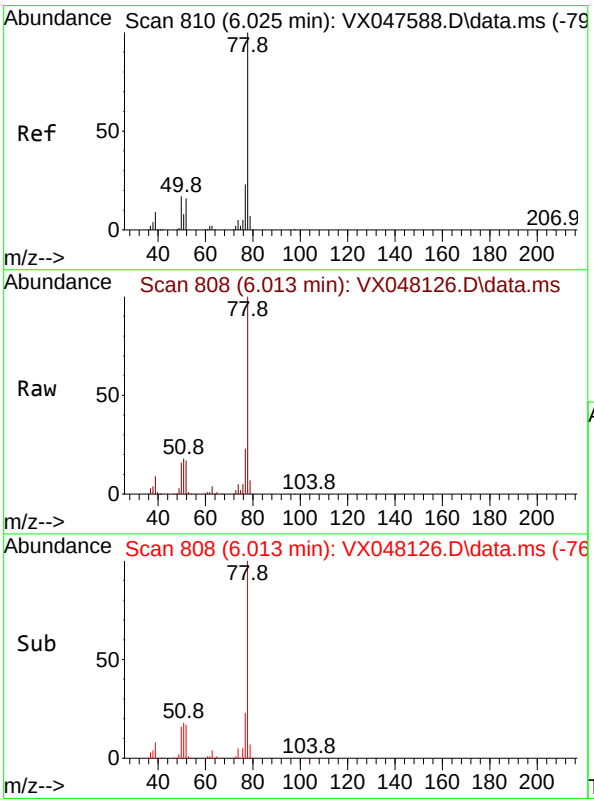
#39
Methylcyclohexane
Concen: 59.013 ug/l
RT: 7.361 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 170322

Ion	Ratio	Lower	Upper
83	100		
55	80.9	66.4	99.6
98	47.8	38.1	57.1

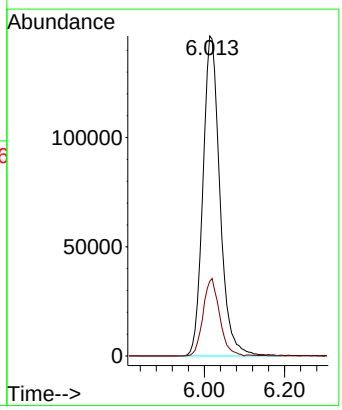


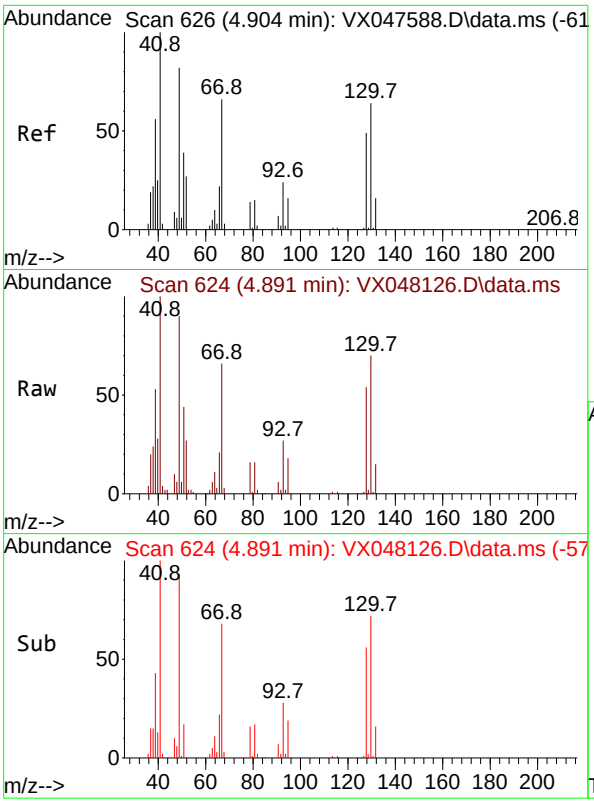


#40
Benzene
Concen: 55.778 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 78 Resp: 430744

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2



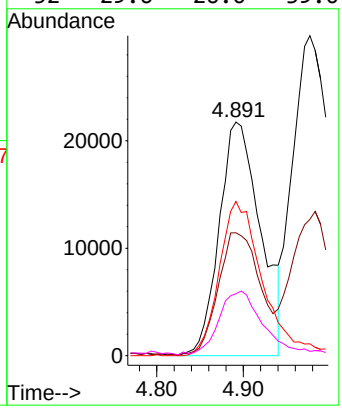


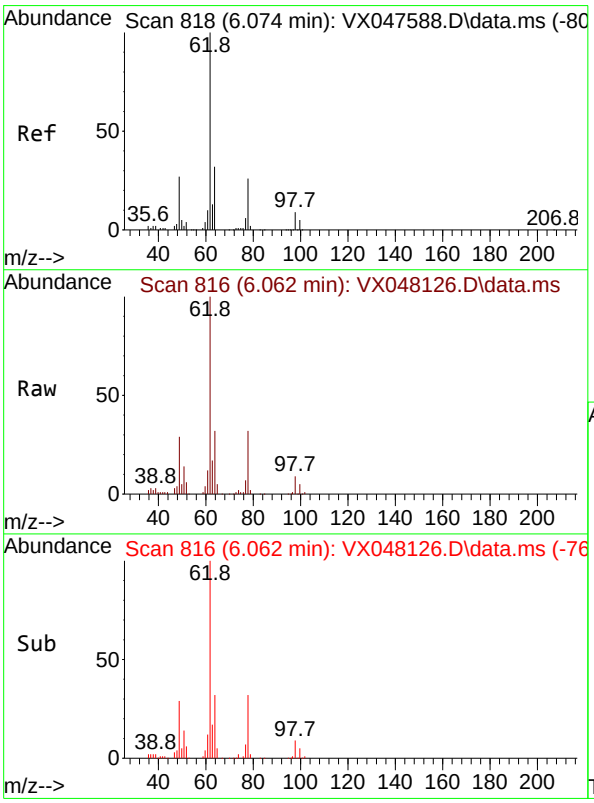
#41
Methacrylonitrile
Concen: 51.306 ug/l
RT: 4.891 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 72107

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

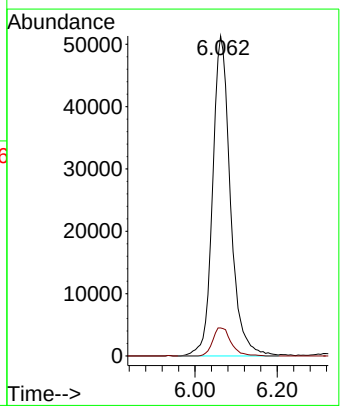


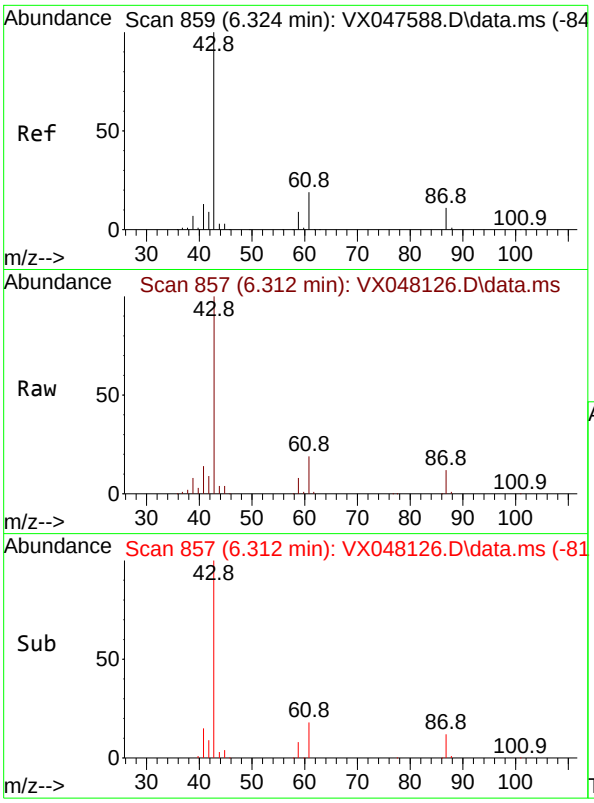


#42
1,2-Dichloroethane
Concen: 52.496 ug/l
RT: 6.062 min Scan# 816
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 62 Resp: 154248

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.0



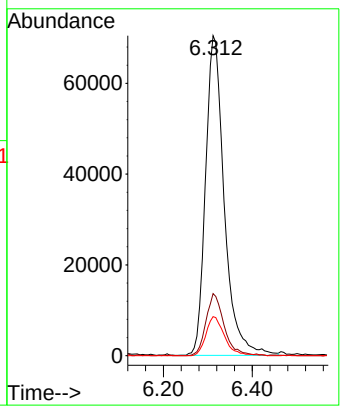


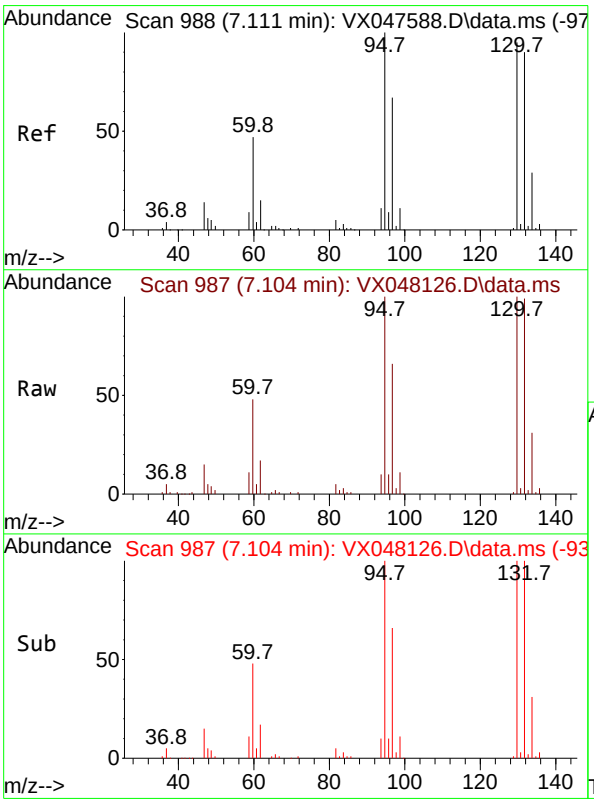
#43
Isopropyl Acetate
Concen: 46.211 ug/l
RT: 6.312 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 206326

Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	12.2	9.6	14.4

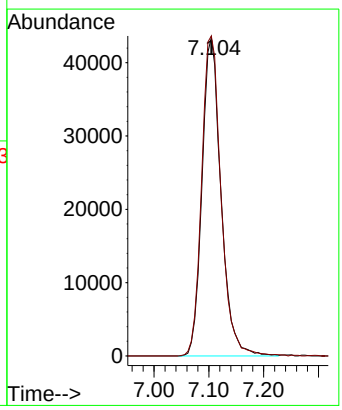


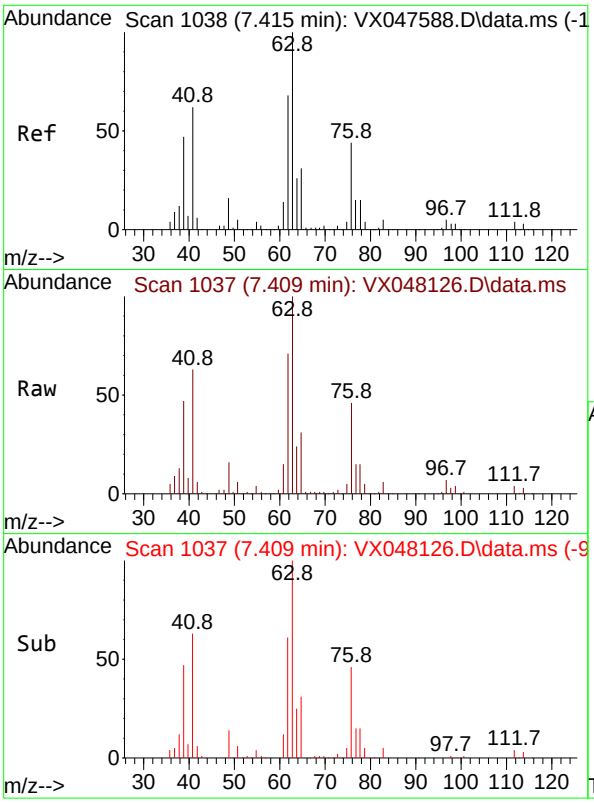


#44
Trichloroethene
Concen: 55.775 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:130 Resp: 104133

Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	210.8



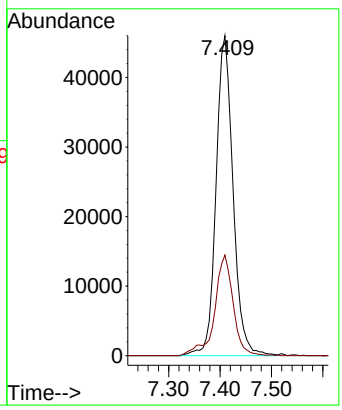


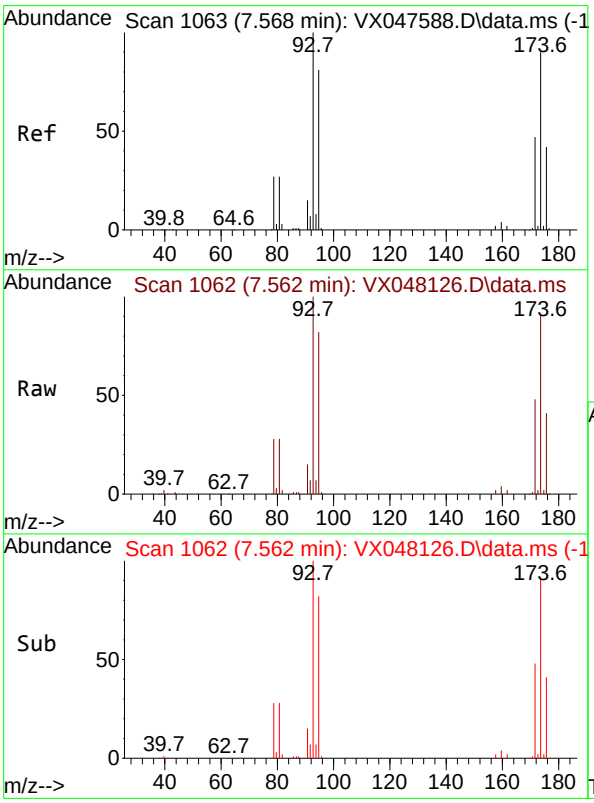
#45
1,2-Dichloropropane
Concen: 53.550 ug/l
RT: 7.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 105891

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1

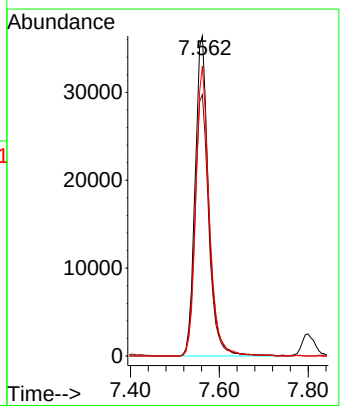


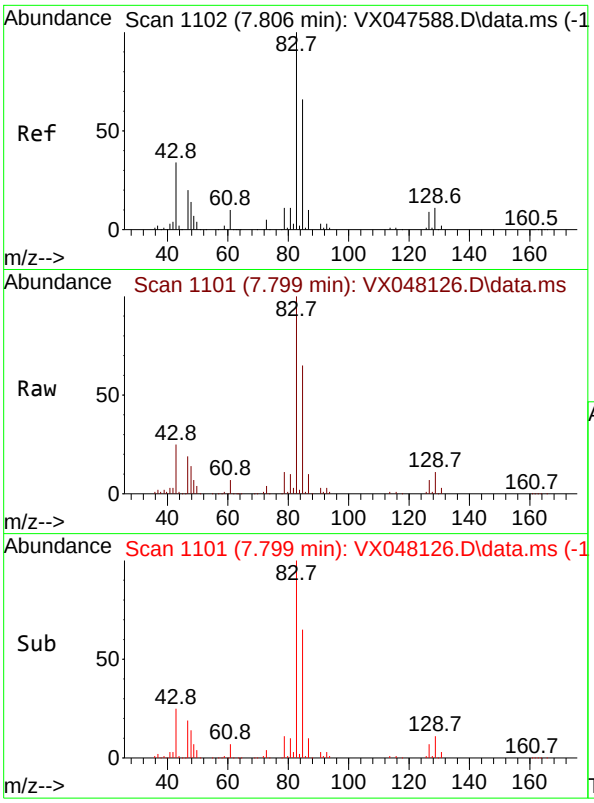


#46
Dibromomethane
Concen: 53.485 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



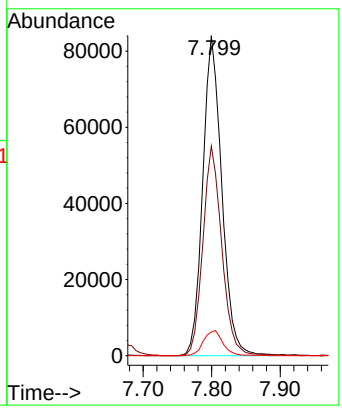


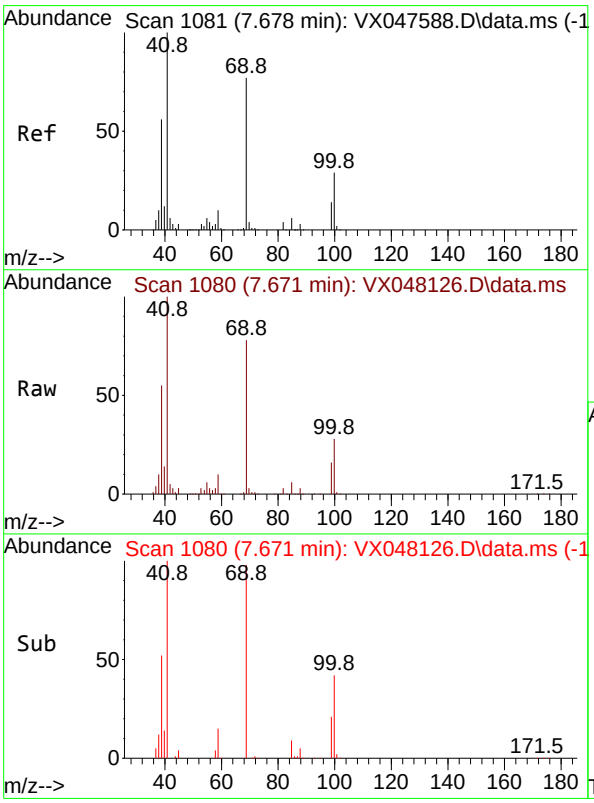
#47
Bromodichloromethane
Concen: 54.741 ug/l
RT: 7.799 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 162548

Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.5	78.7
127	7.4	6.9	10.3

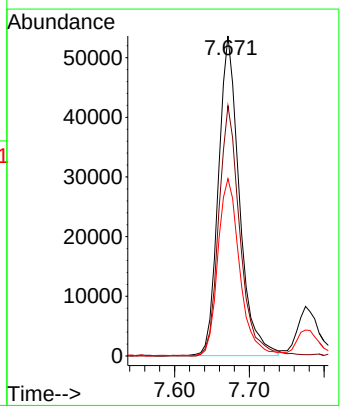


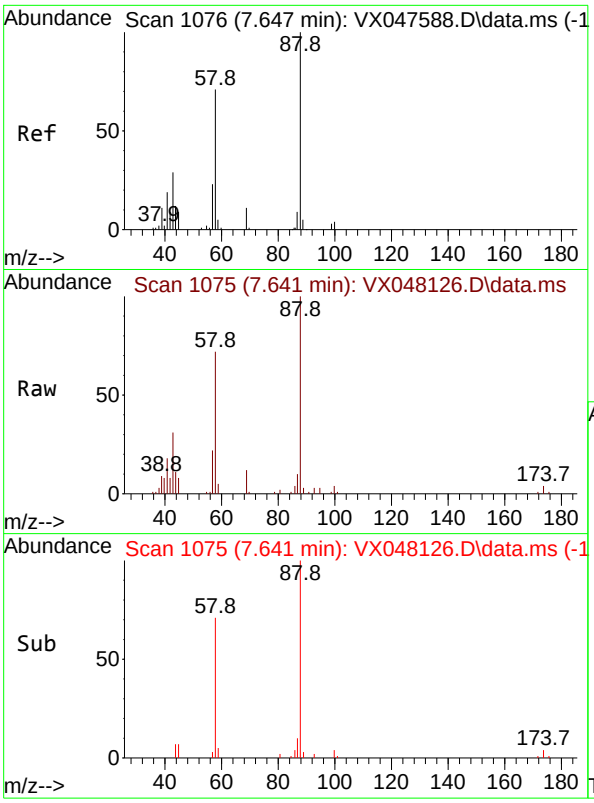


#48
Methyl methacrylate
Concen: 46.937 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



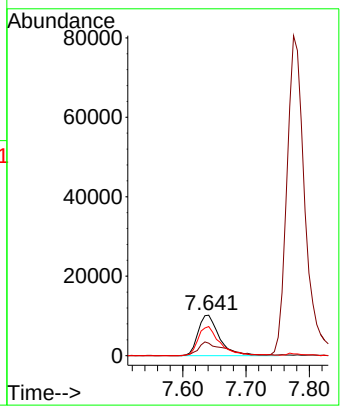


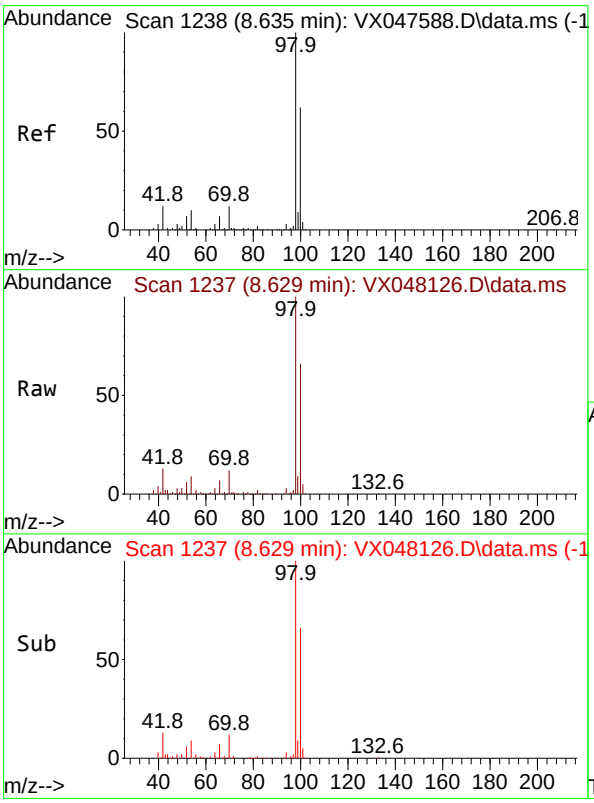
#49
1,4-Dioxane
Concen: 1072.749 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 24111

Ion	Ratio	Lower	Upper
88	100		
43	41.0	30.2	45.2
58	72.0	59.5	89.3

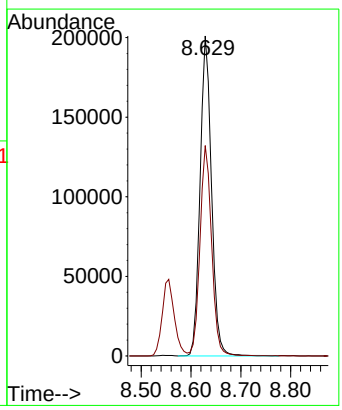


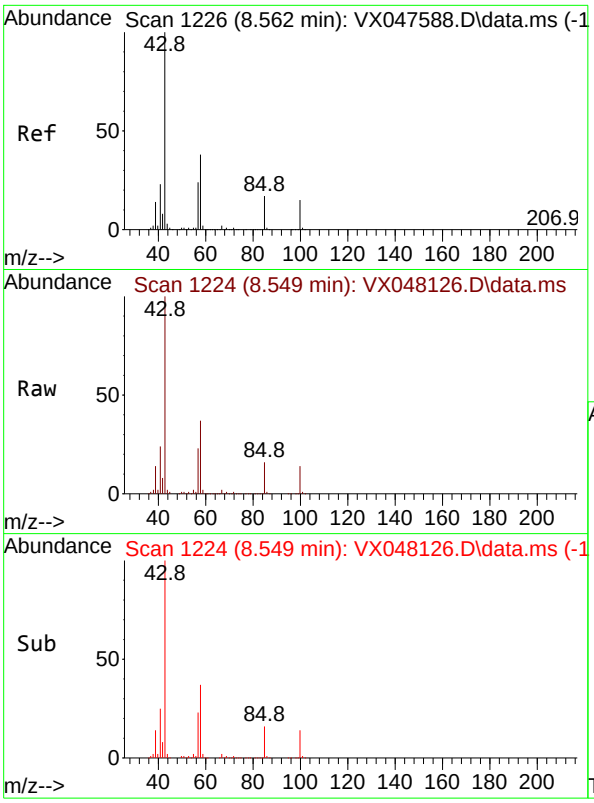


#50
Toluene-d8
Concen: 53.153 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 98 Resp: 320023

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4



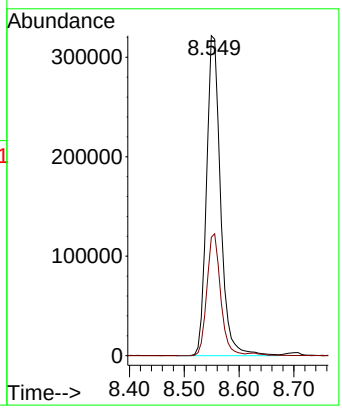


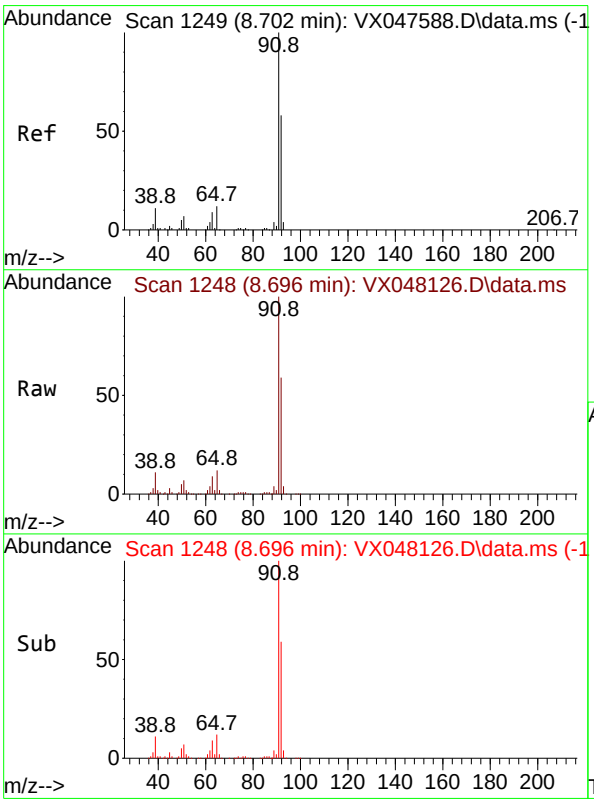
#51
4-Methyl-2-Pentanone
Concen: 230.231 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 569942

Ion	Ratio	Lower	Upper
43	100		
58	37.3	30.3	45.5

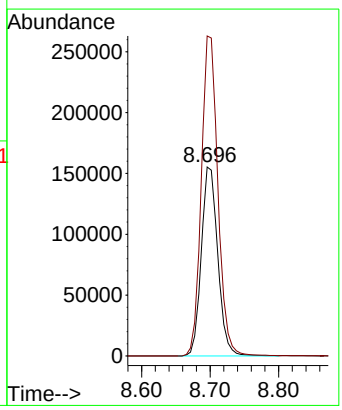


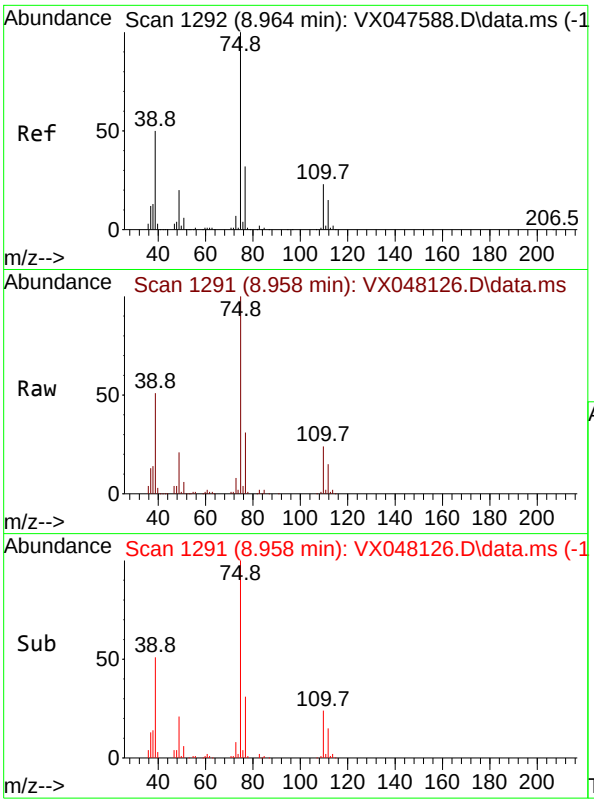


#52
Toluene
Concen: 54.605 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 92 Resp: 259802

Ion	Ratio	Lower	Upper
92	100		
91	170.8	137.1	205.7



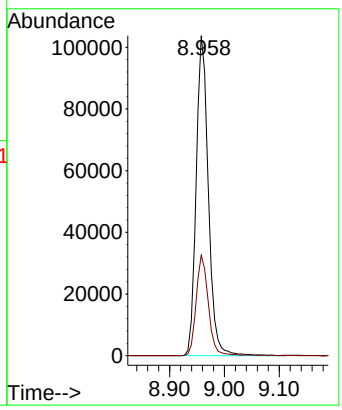


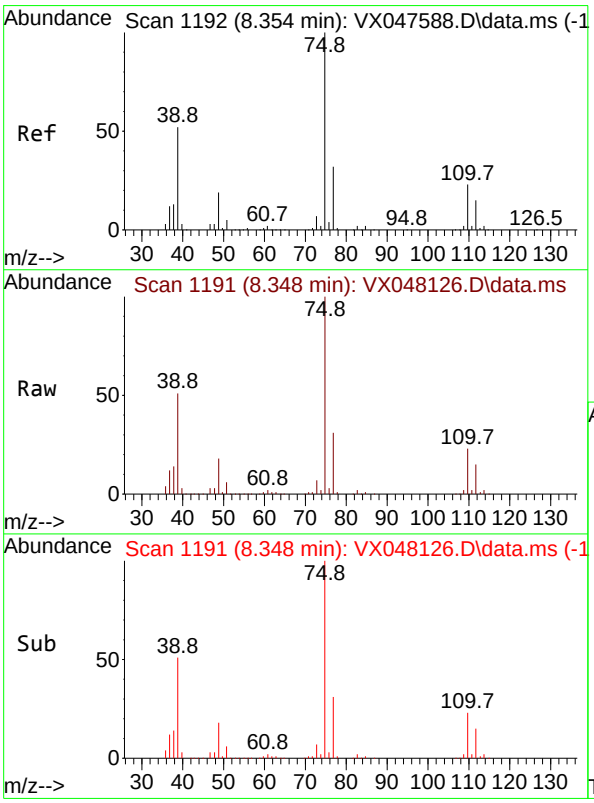
#53
t-1,3-Dichloropropene
Concen: 53.099 ug/l
RT: 8.958 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 160828

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2

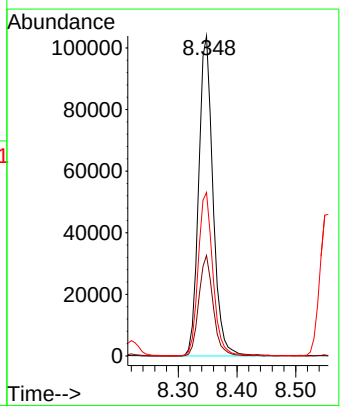


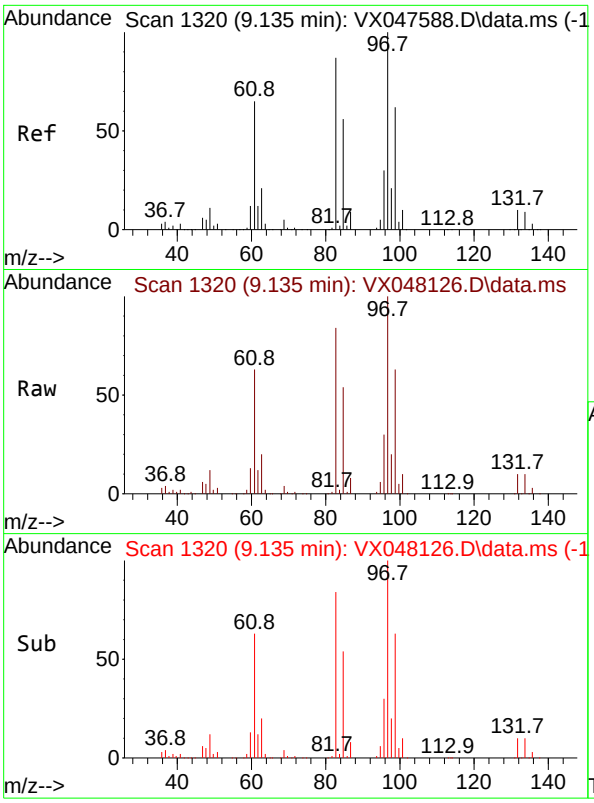


#54
cis-1,3-Dichloropropene
Concen: 54.388 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



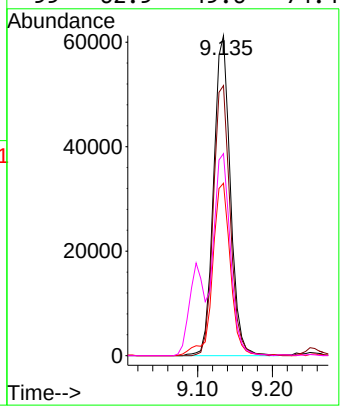


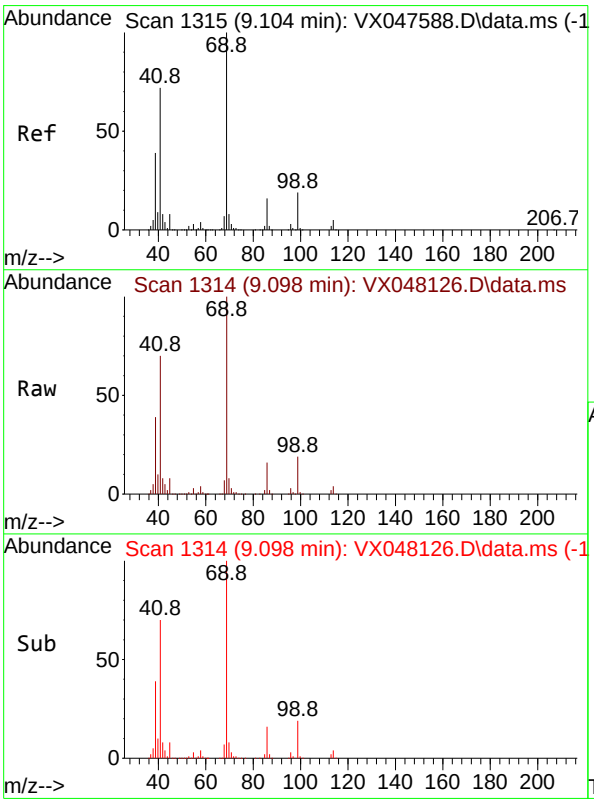
#55
1,1,2-Trichloroethane
Concen: 51.931 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 95272

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

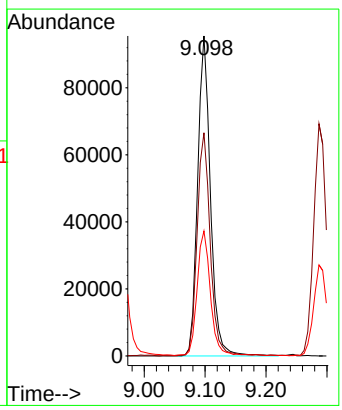


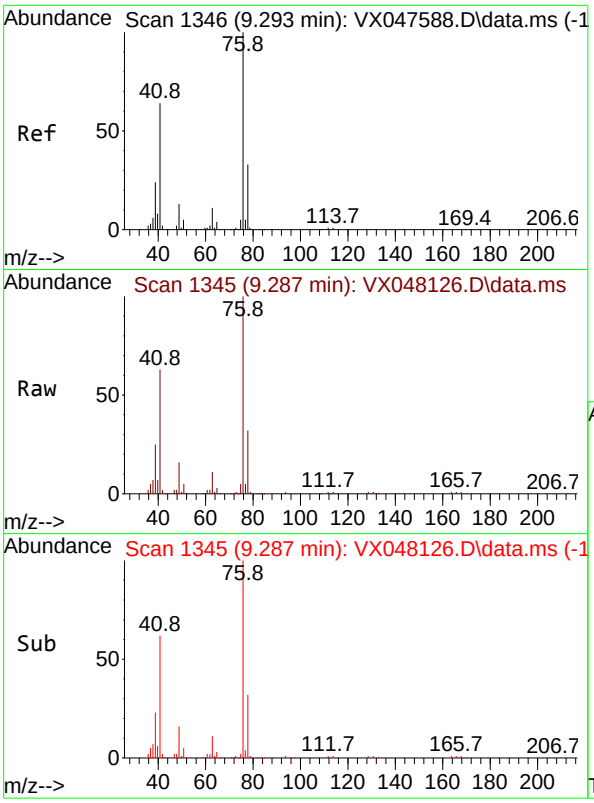


#56
Ethyl methacrylate
Concen: 48.333 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



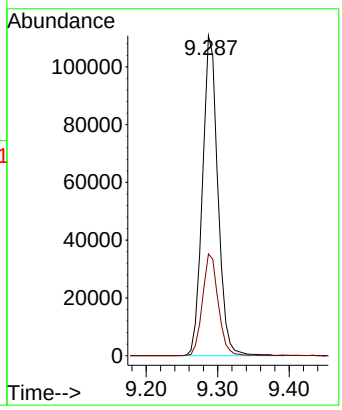


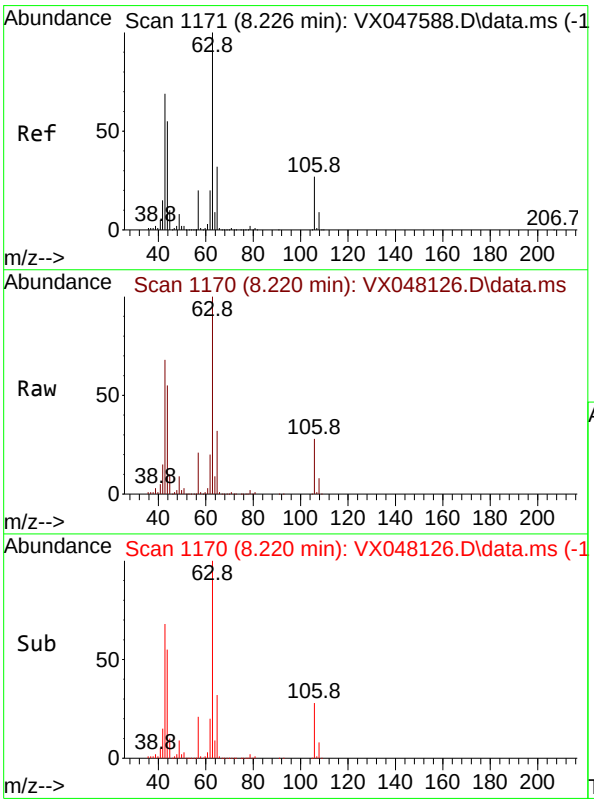
#57
1,3-Dichloropropane
Concen: 52.630 ug/l
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 165863

Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.4

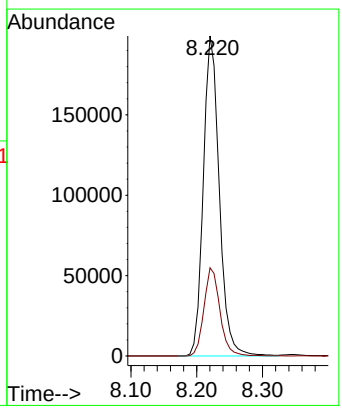


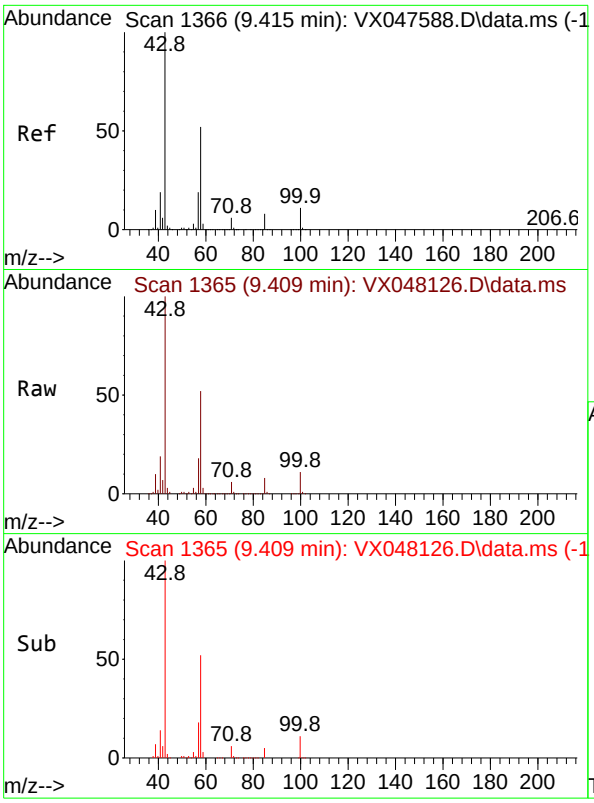


#58
2-Chloroethyl Vinyl ether
Concen: 244.822 ug/l
RT: 8.220 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 63 Resp: 336481

Ion	Ratio	Lower	Upper
63	100		
106	27.6	21.9	32.9



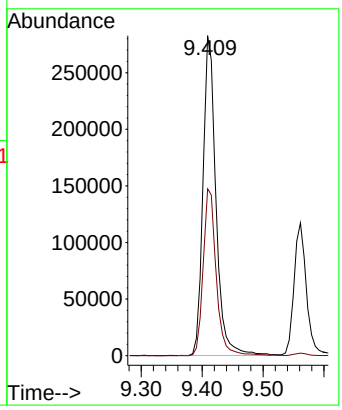


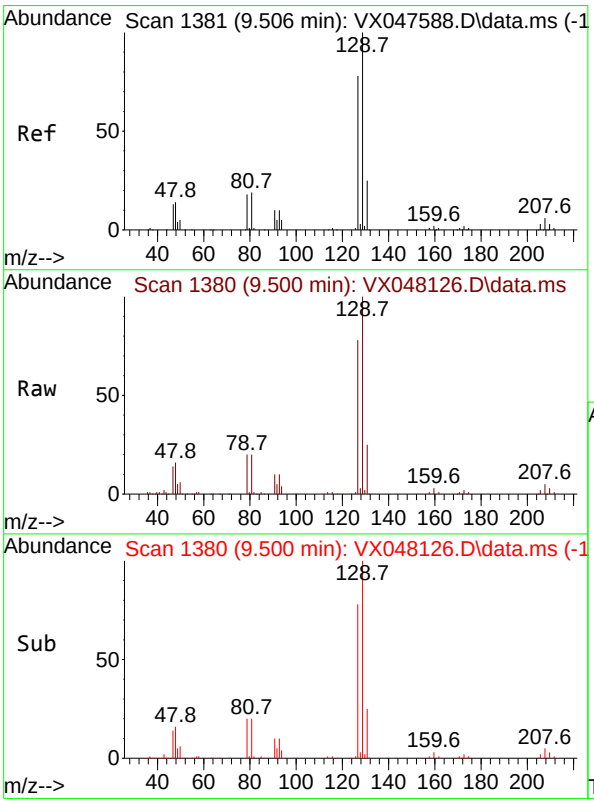
#59
2-Hexanone
Concen: 236.180 ug/l
RT: 9.409 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 419911

Ion	Ratio	Lower	Upper
43	100		
58	52.5	26.1	78.2

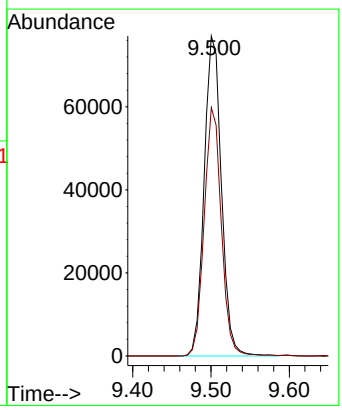


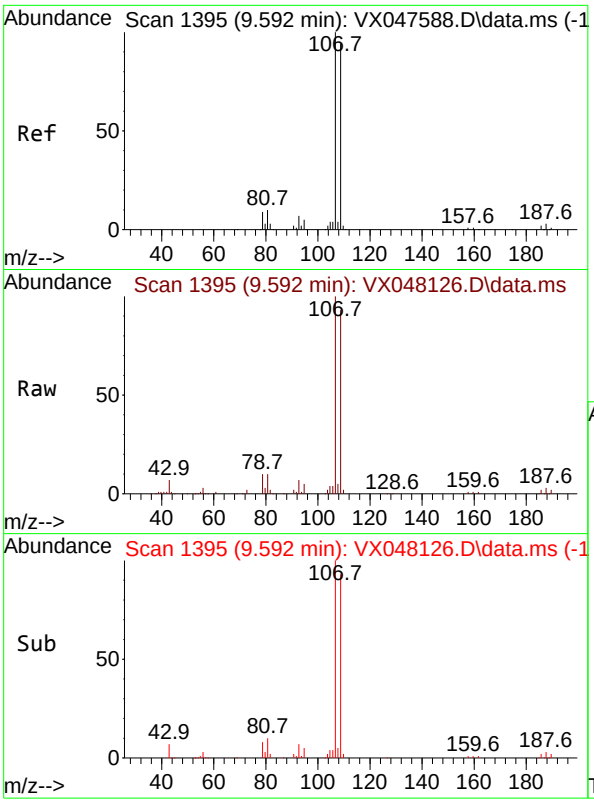


#60
Dibromochloromethane
Concen: 55.685 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:129 Resp: 117709

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.4	115.2



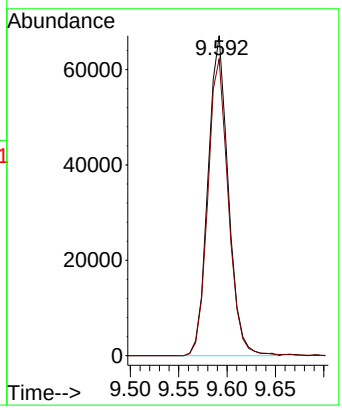


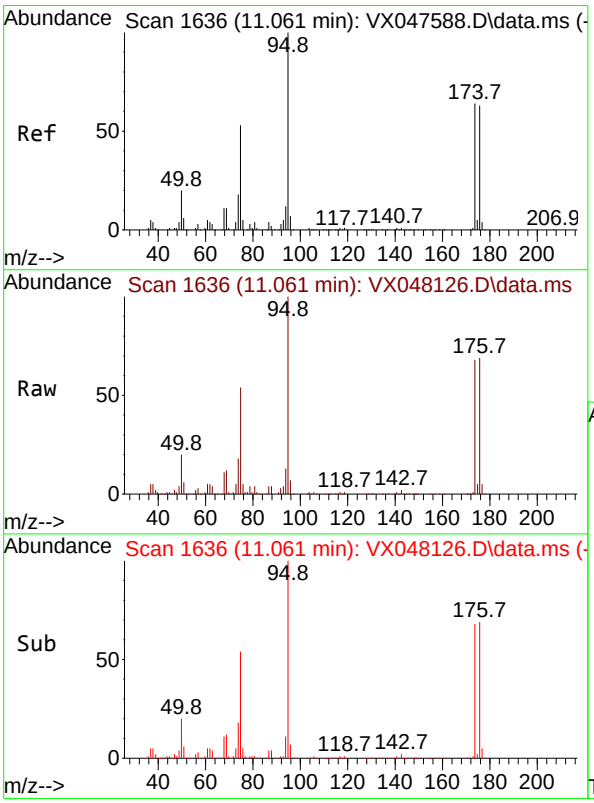
#61
1,2-Dibromoethane
Concen: 52.384 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 97885

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.3	112.9

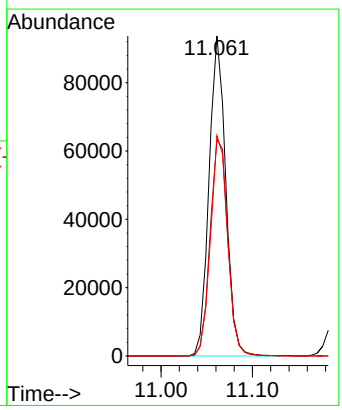


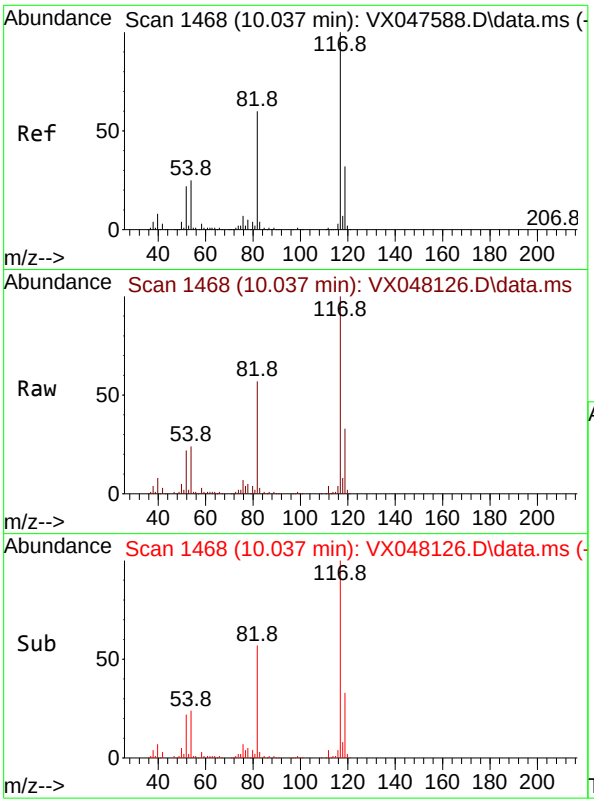


#62
4-Bromofluorobenzene
Concen: 51.831 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



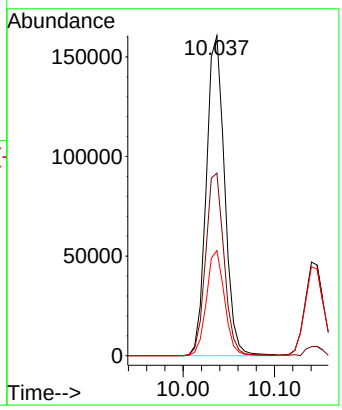


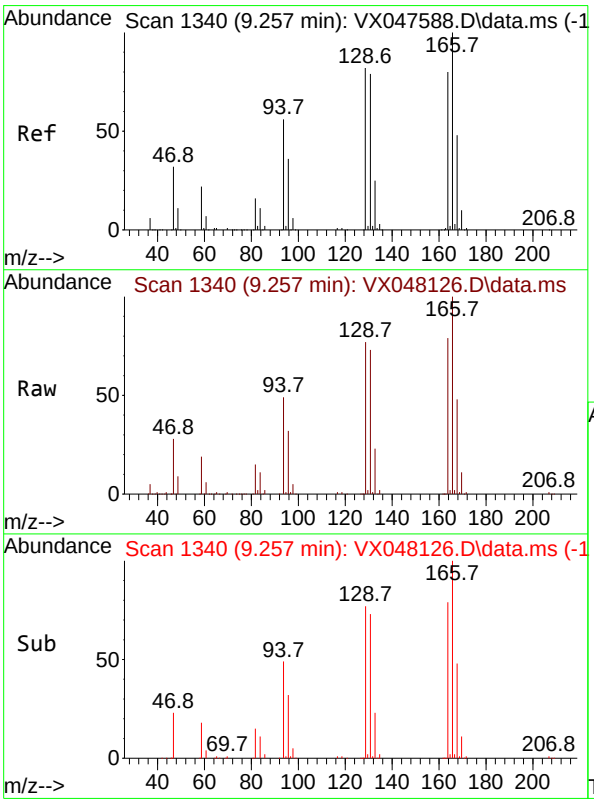
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 223200

Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.8	71.6
119	32.9	25.2	37.8

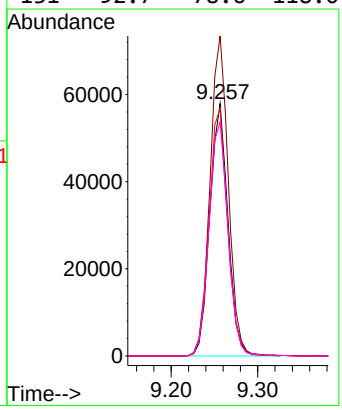


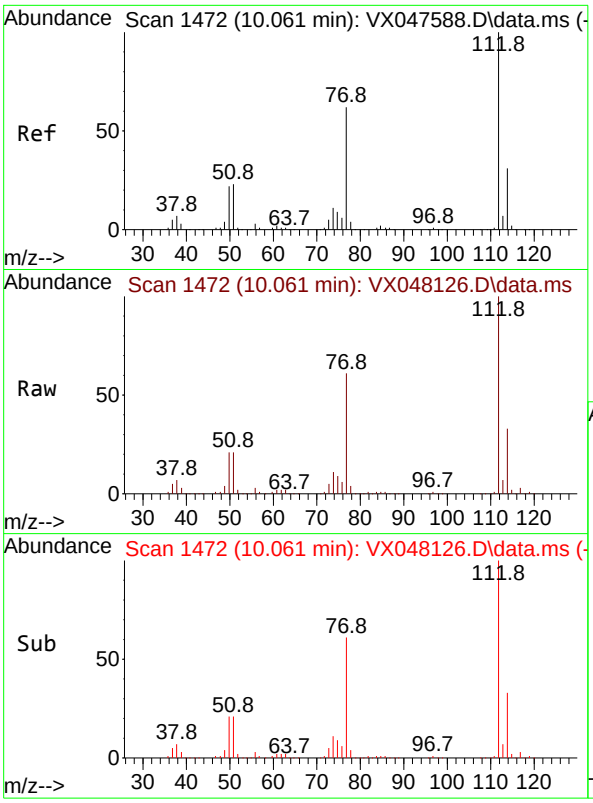


#64
Tetrachloroethene
Concen: 57.942 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



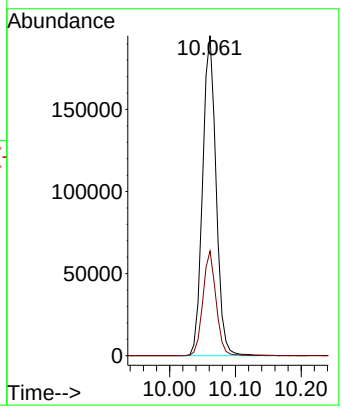


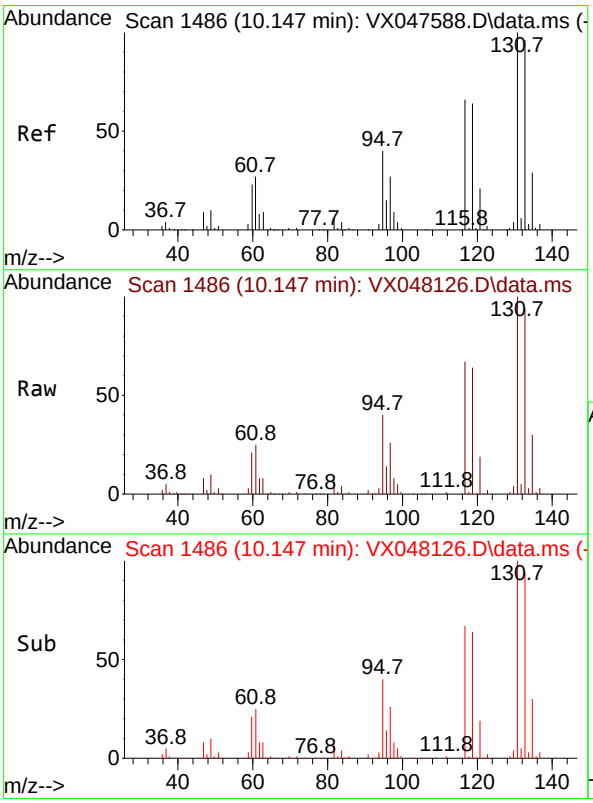
#65
Chlorobenzene
Concen: 54.737 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 277555

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.1	37.7

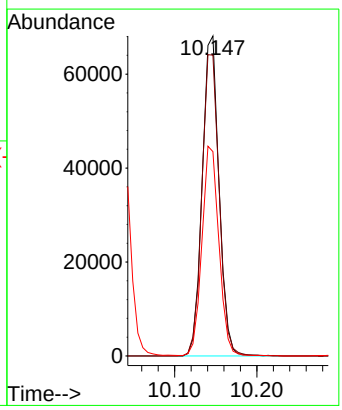


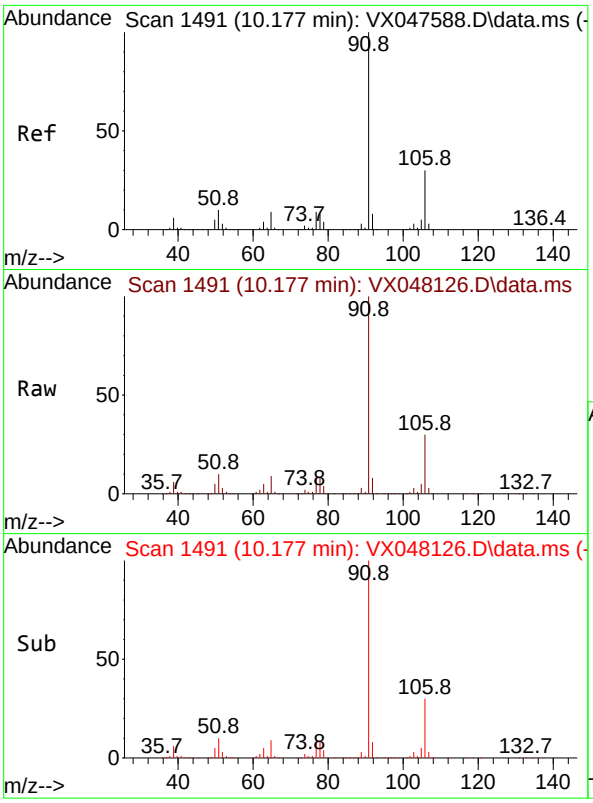


#66
1,1,1,2-Tetrachloroethane
Concen: 55.224 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



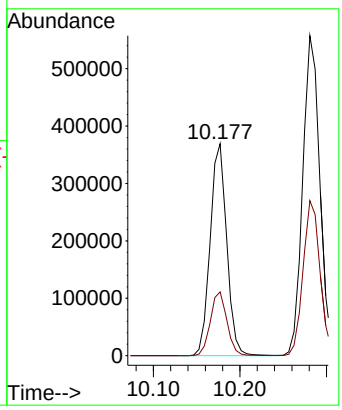


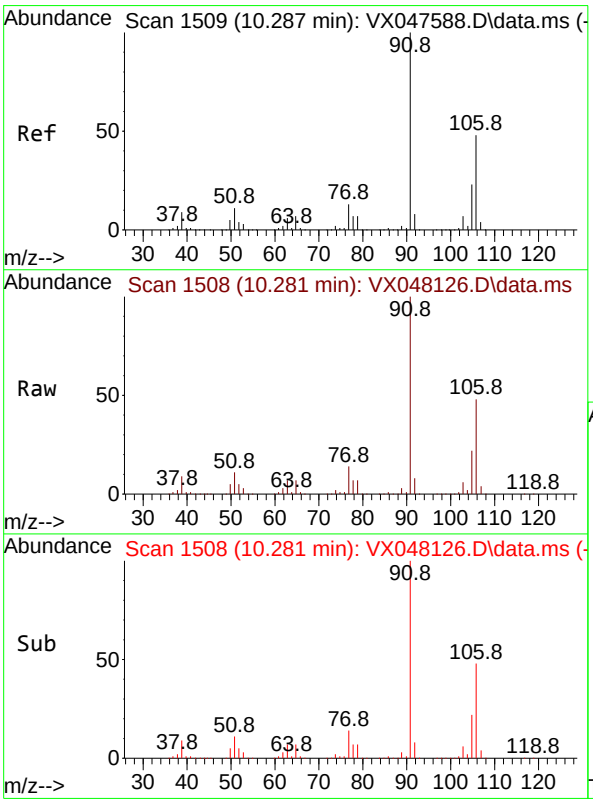
#67
Ethyl Benzene
Concen: 56.073 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 490587

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5

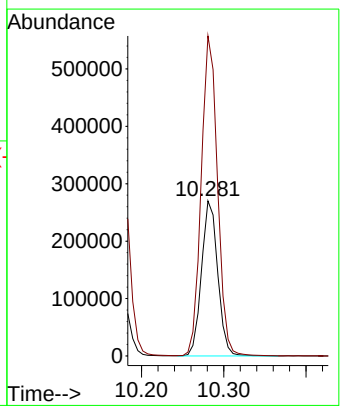


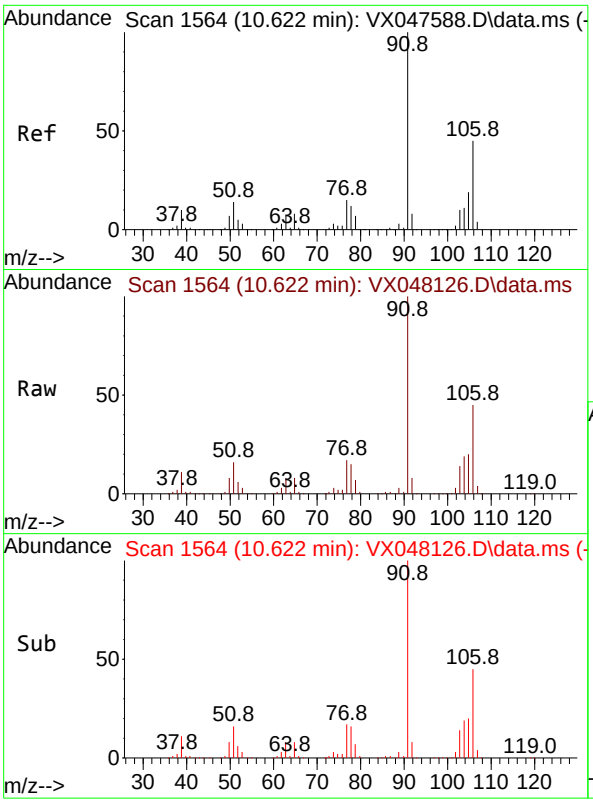


#68
m/p-Xylenes
Concen: 113.483 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:106 Resp: 369555

Ion	Ratio	Lower	Upper
106	100		
91	207.9	167.8	251.8



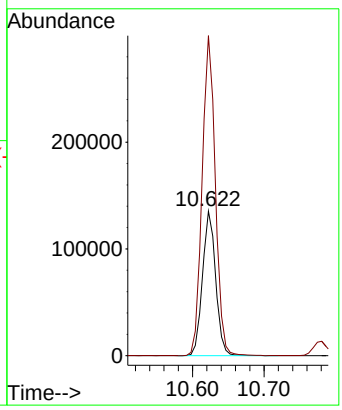


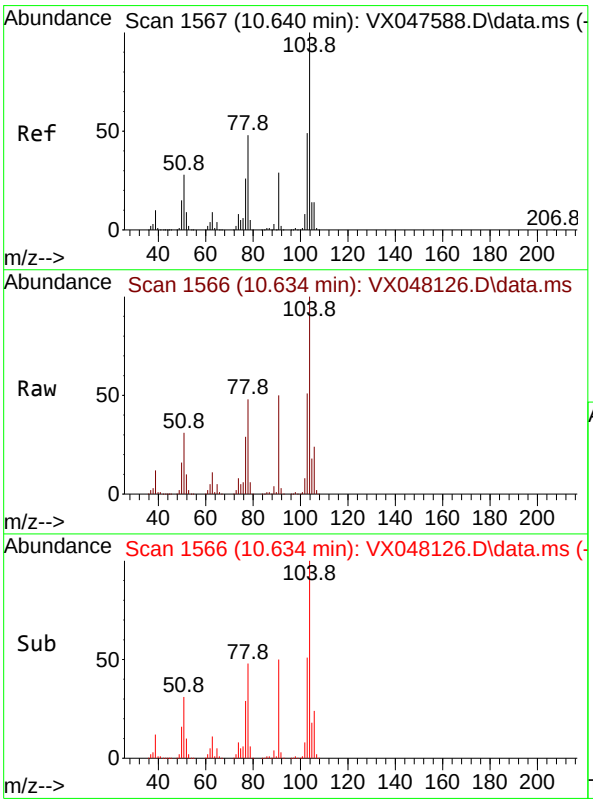
#69
o-Xylene
Concen: 55.023 ug/l
RT: 10.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 173309

Ion	Ratio	Lower	Upper
106	100		
91	222.1	111.1	333.4

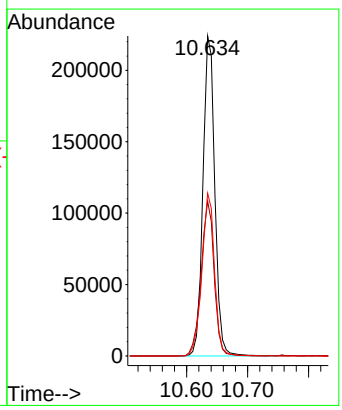


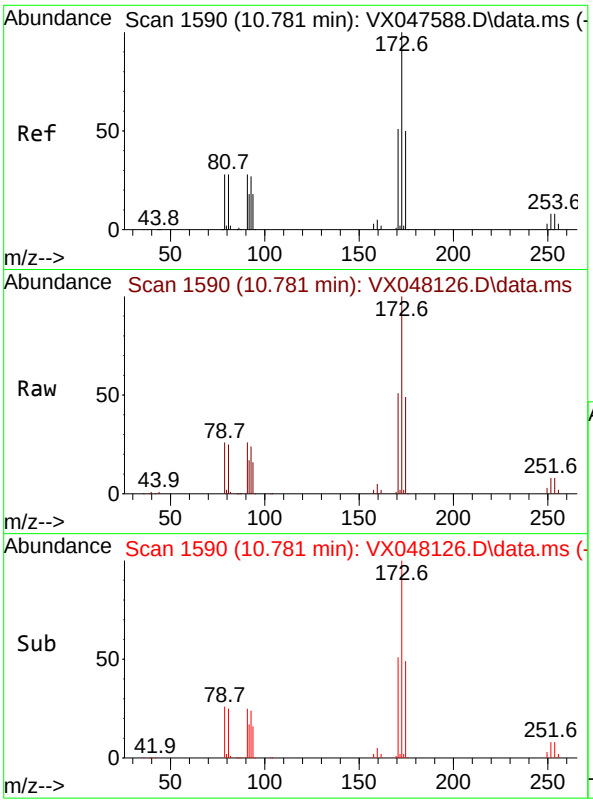


#70
Styrene
Concen: 55.065 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



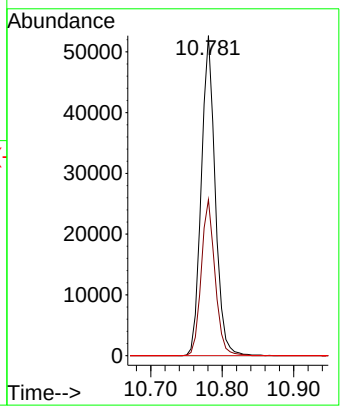


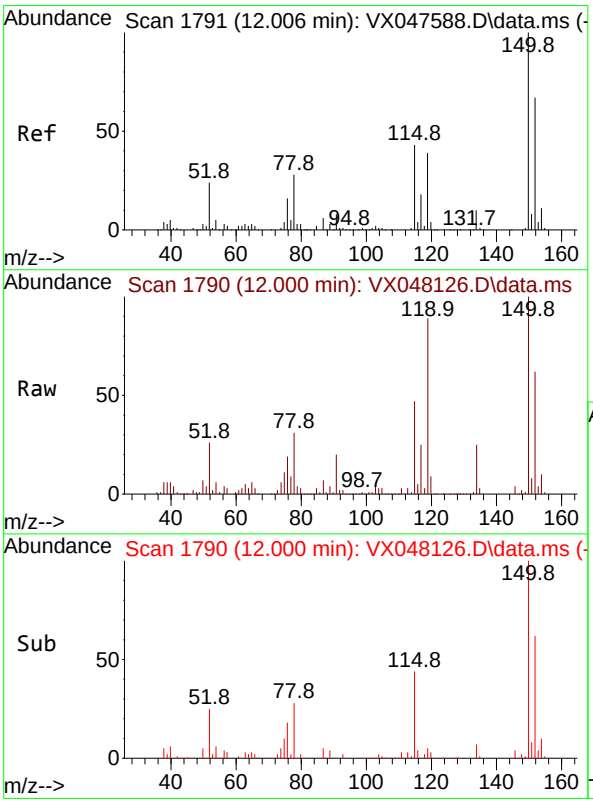
#71
Bromoform
Concen: 54.505 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 71212

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.9	74.6
254	0.0	0.1	0.1#

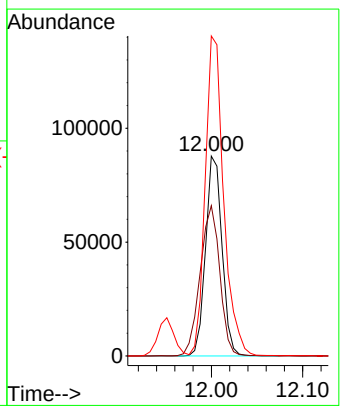


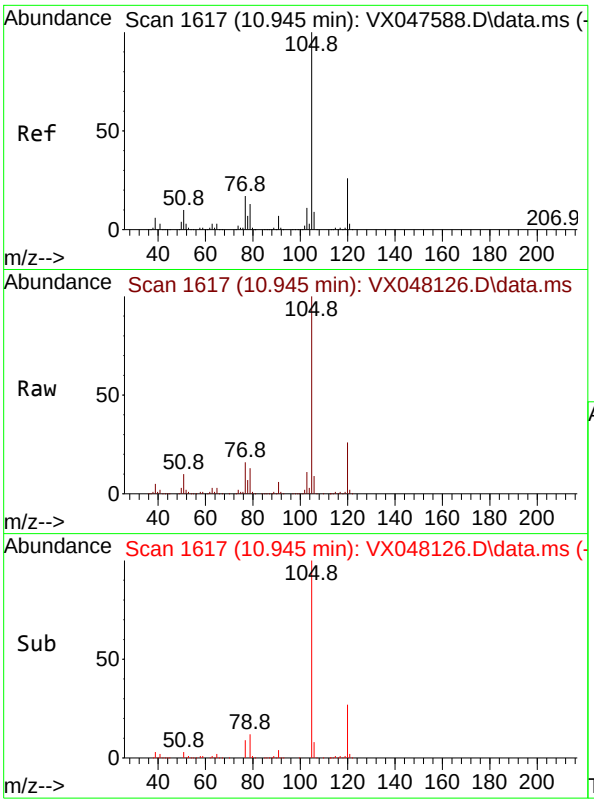


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



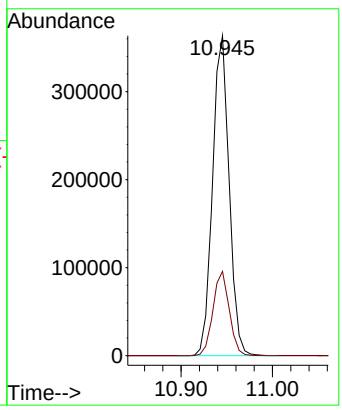


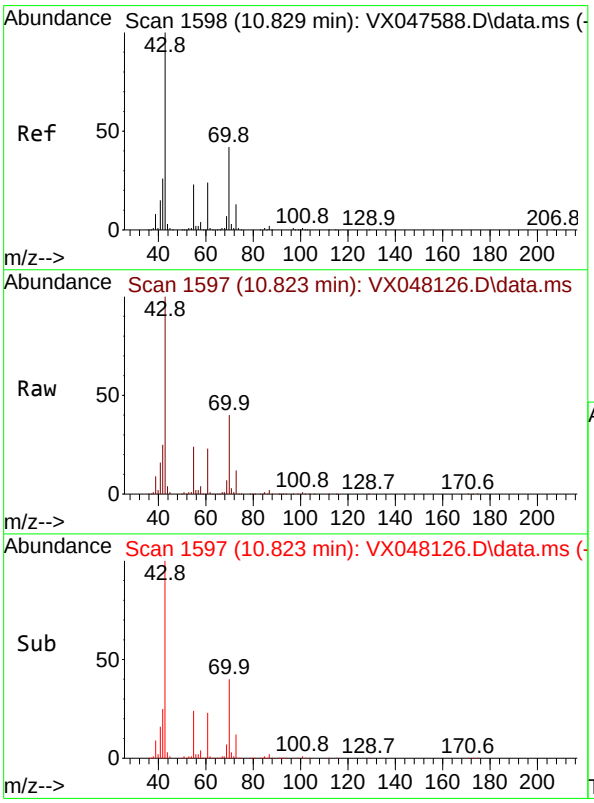
#73
Isopropylbenzene
Concen: 54.807 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 456852

Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.8	38.4

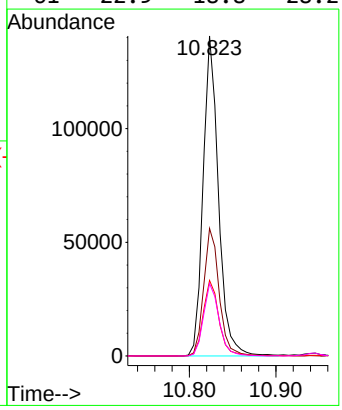


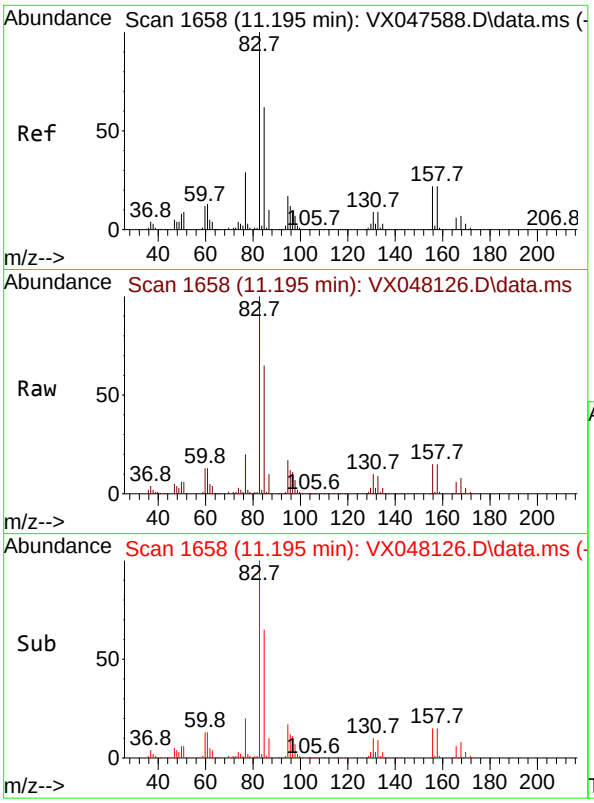


#74
N-amyl acetate
Concen: 45.597 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



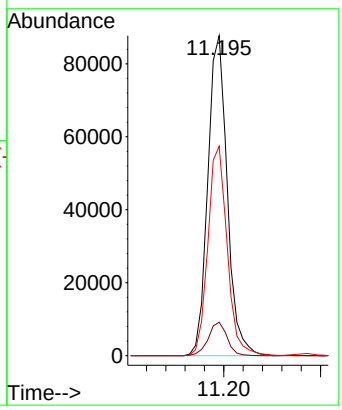


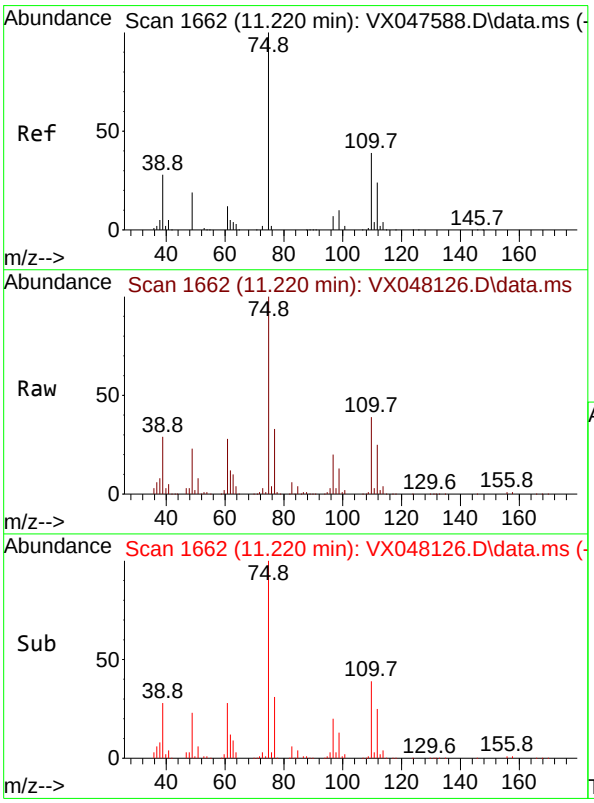
#75
1,1,2,2-Tetrachloroethane
Concen: 48.544 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 122425

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	65.0	31.6	95.0

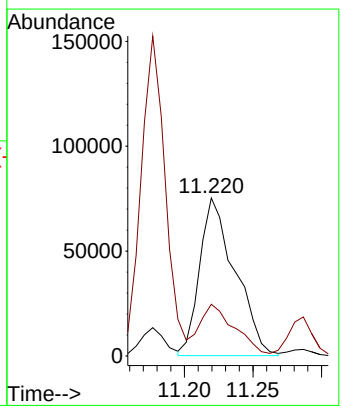


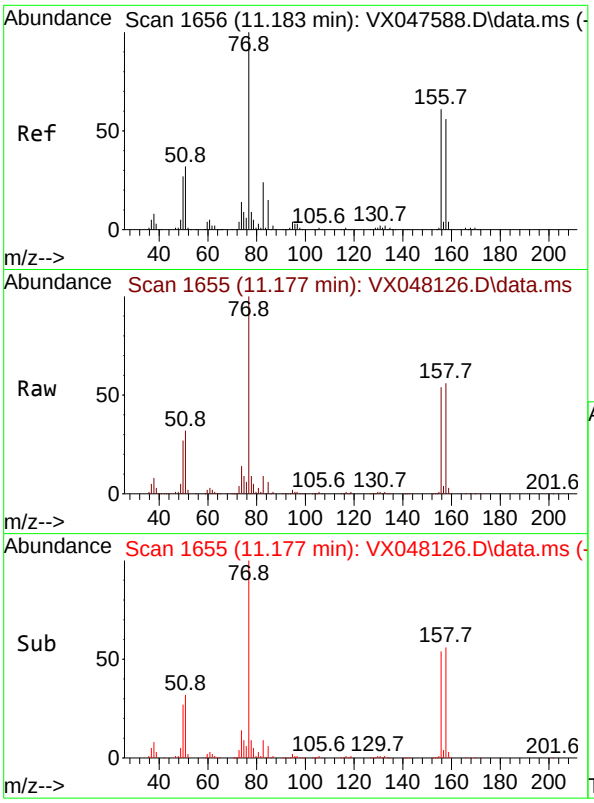


#76
1,2,3-Trichloropropane
Concen: 61.075 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 75 Resp: 135581

Ion	Ratio	Lower	Upper
75	100		
77	32.7	18.8	56.4



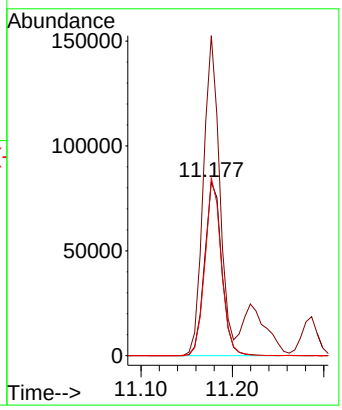


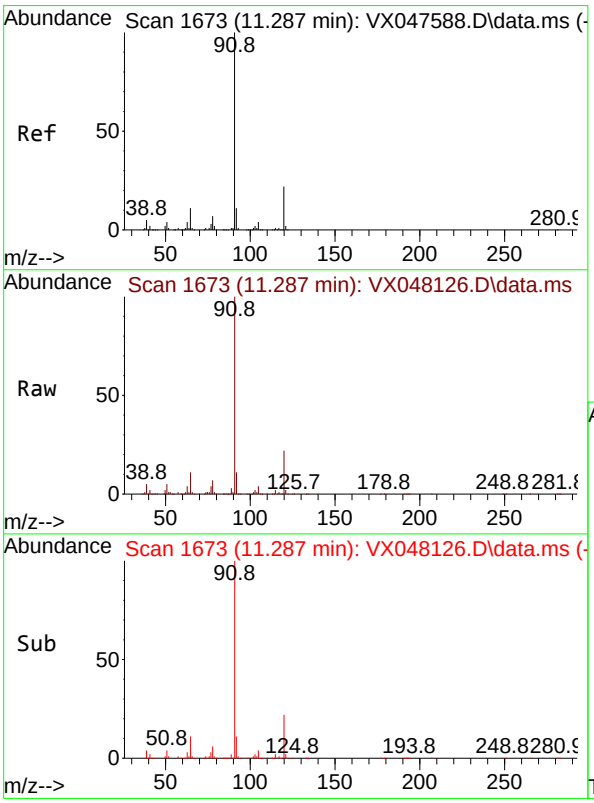
#77
Bromobenzene
Concen: 52.152 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 107070

Ion	Ratio	Lower	Upper
156	100		
77	176.0	89.7	269.1
158	98.2	47.9	143.6

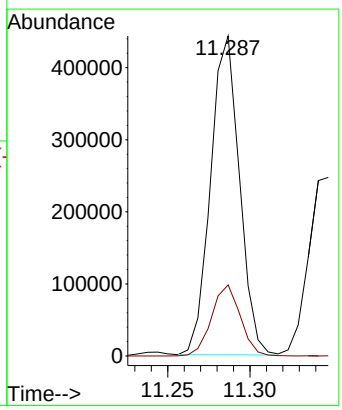


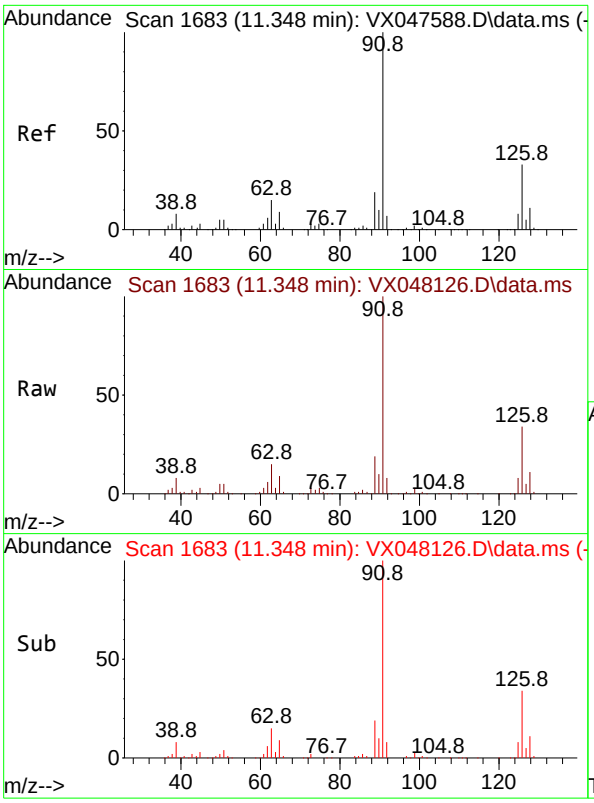


#78
n-propylbenzene
Concen: 54.892 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 91 Resp: 540893

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1



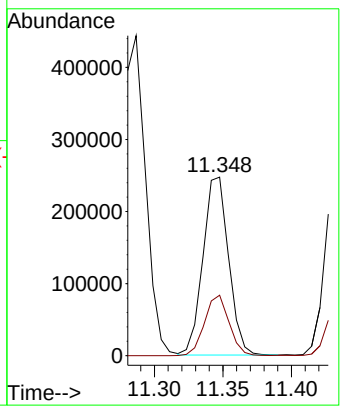


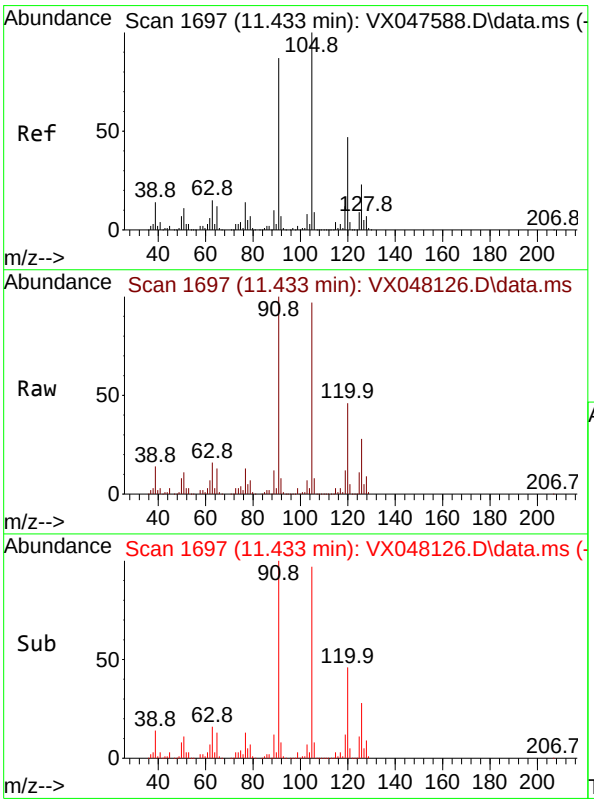
#79
2-Chlorotoluene
Concen: 53.398 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 322270

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.1	48.3

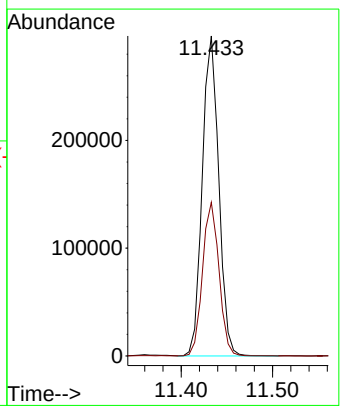


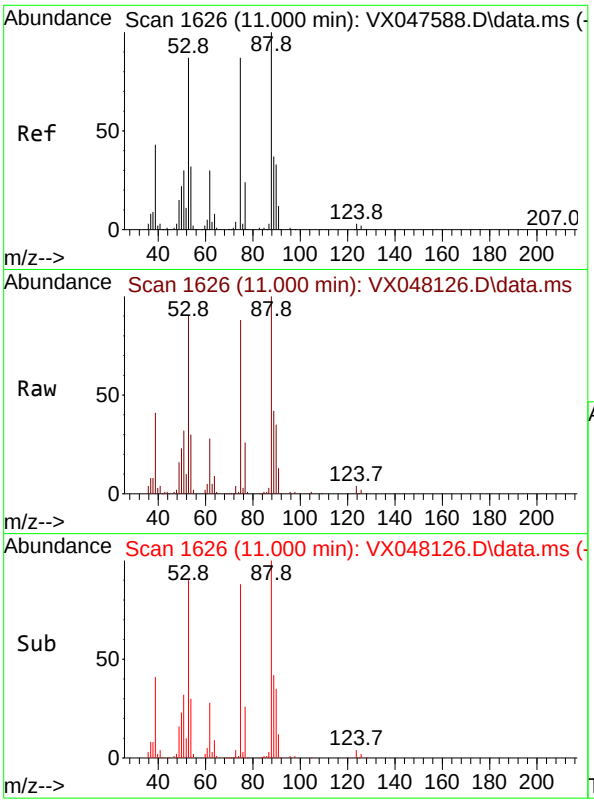


#80
1,3,5-Trimethylbenzene
Concen: 54.031 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:105 Resp: 370027

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.6	70.8



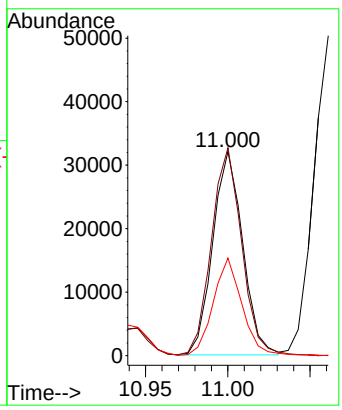


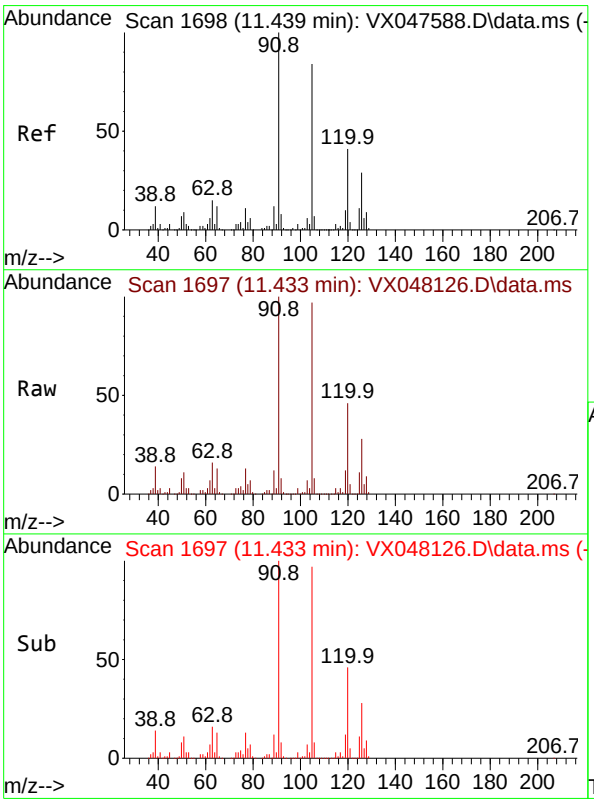
#81
trans-1,4-Dichloro-2-butene
Concen: 46.443 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 40429

Ion	Ratio	Lower	Upper
75	100		
53	103.9	83.4	125.2
89	46.5	36.3	54.5

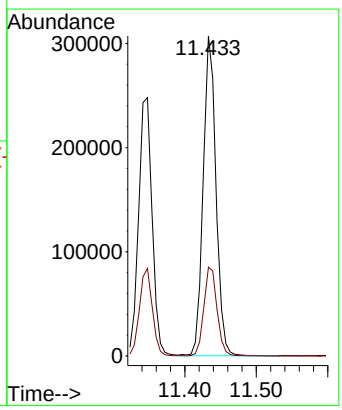


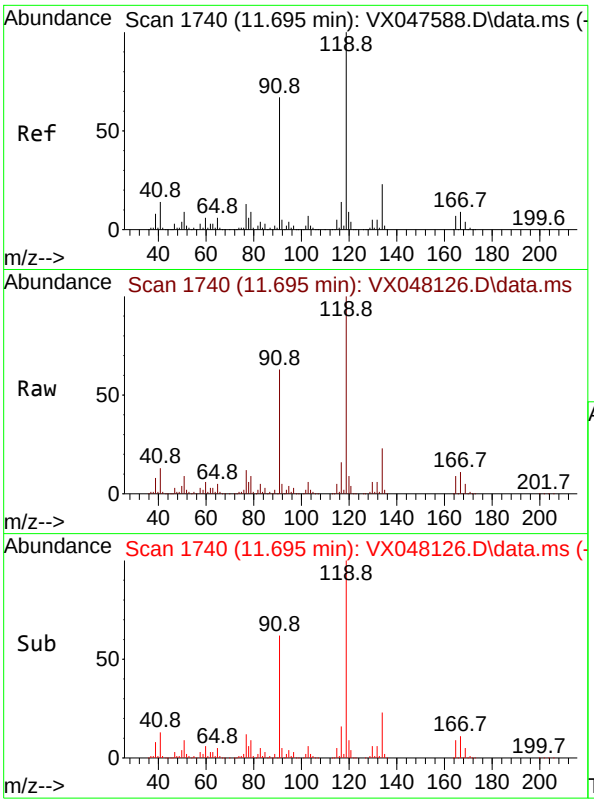


#82
4-Chlorotoluene
Concen: 53.556 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion: 91 Resp: 381746

Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.2	42.6



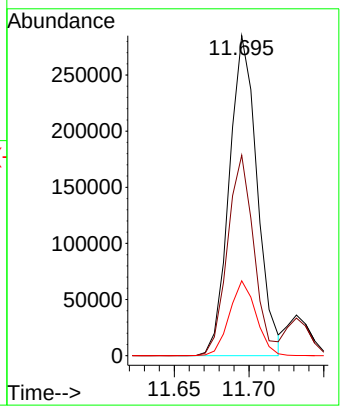


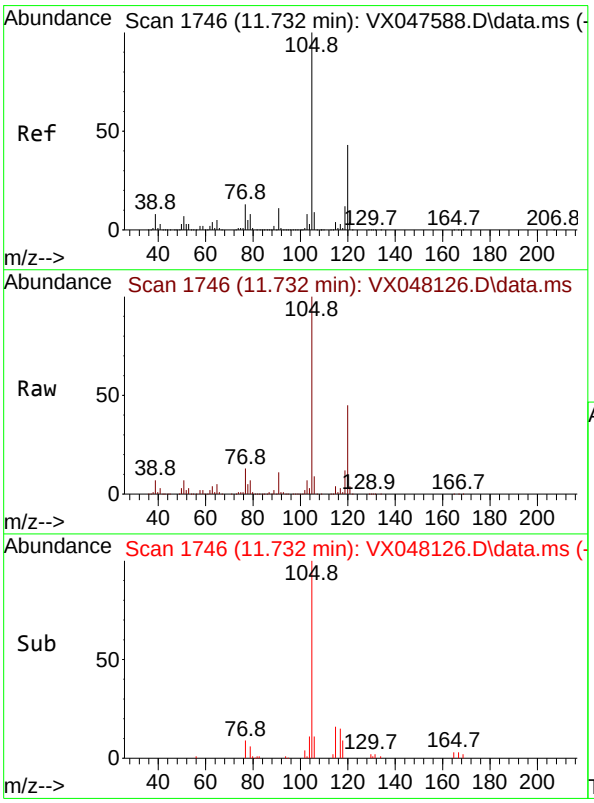
#83
tert-Butylbenzene
Concen: 52.654 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 369136

Ion	Ratio	Lower	Upper
119	100		
91	59.8	29.6	88.8
134	22.4	11.0	33.0

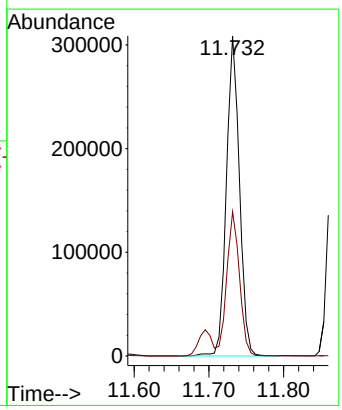


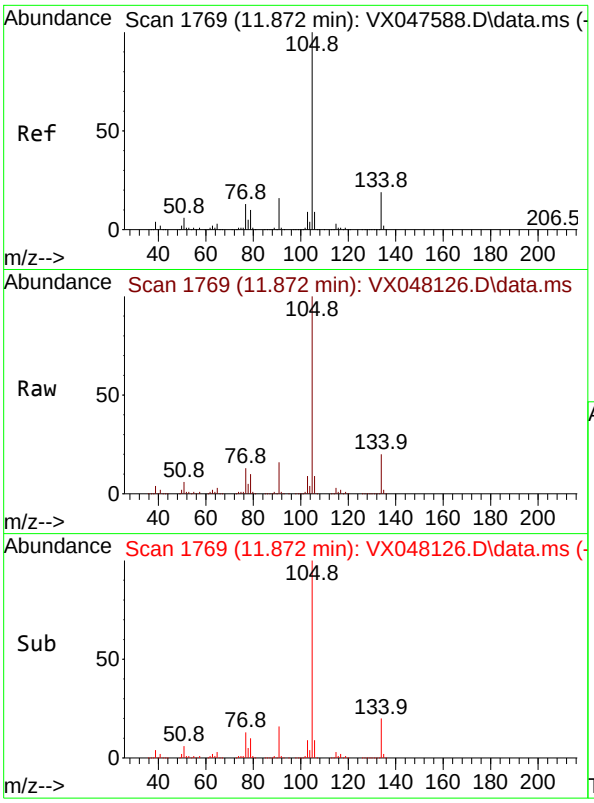


#84
1,2,4-Trimethylbenzene
Concen: 53.862 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:105 Resp: 373978

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.1



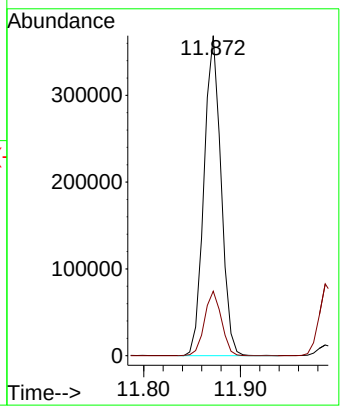


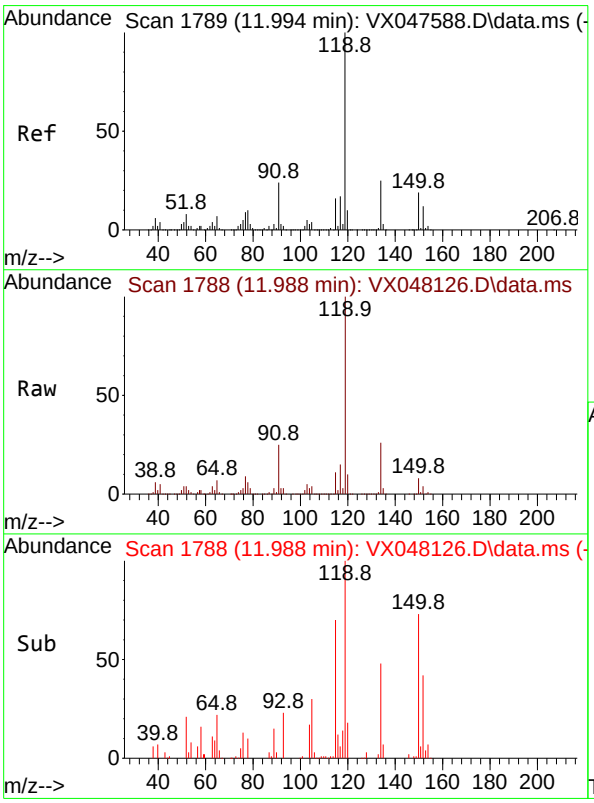
#85
sec-Butylbenzene
Concen: 54.048 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 450074

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.5

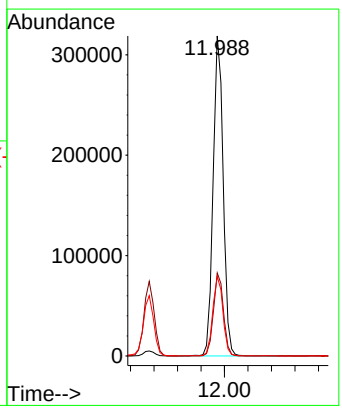


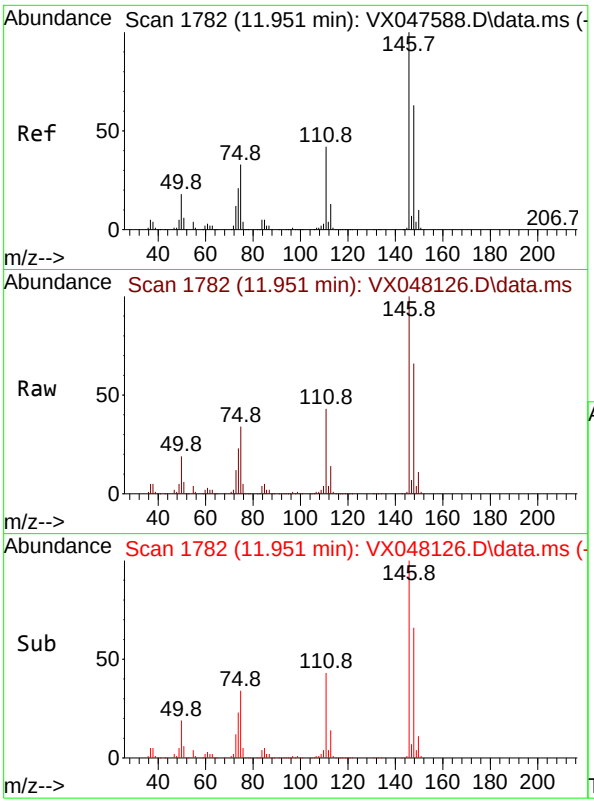


#86
p-Isopropyltoluene
Concen: 53.872 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



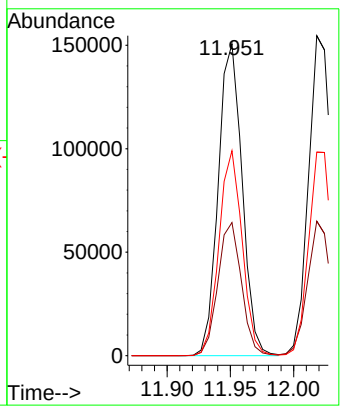


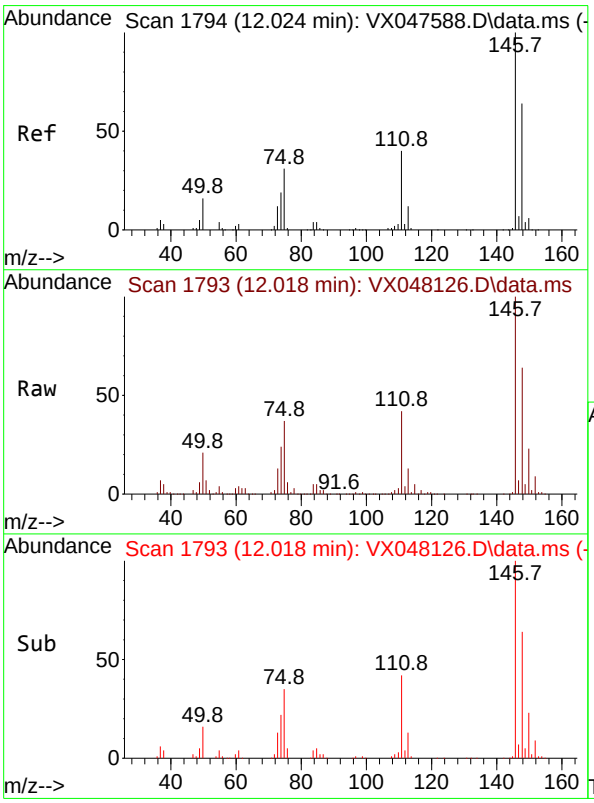
#87
1,3-Dichlorobenzene
Concen: 51.849 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 197717

Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.5	64.5
148	63.9	32.0	96.0

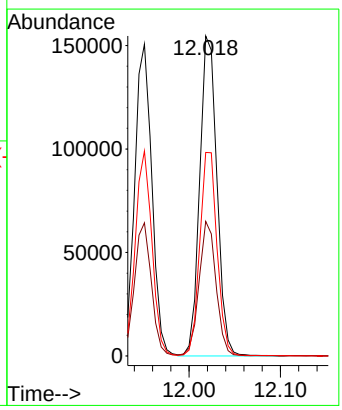


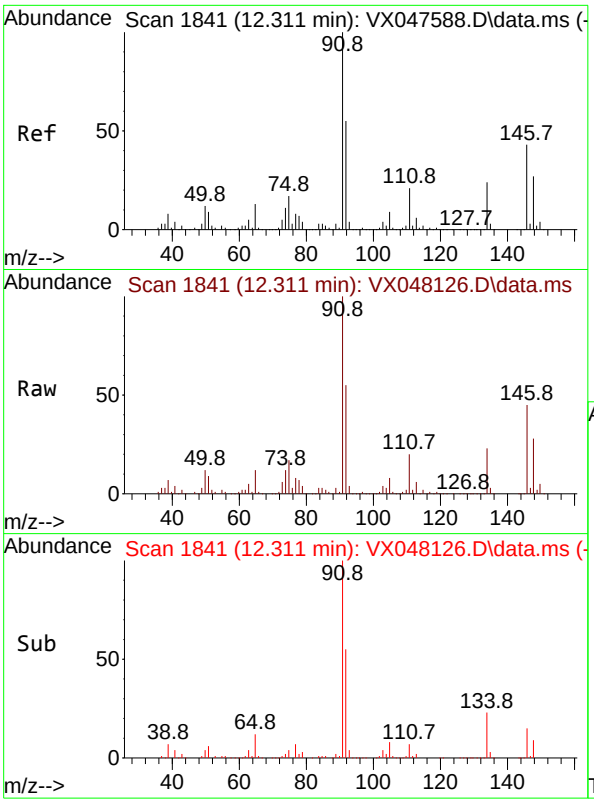


#88
1,4-Dichlorobenzene
Concen: 51.725 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



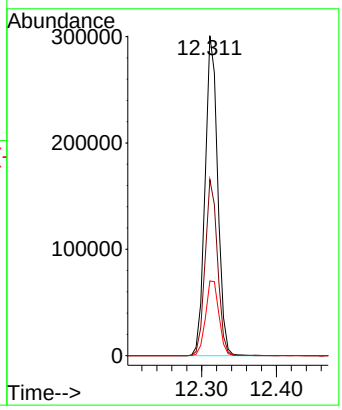


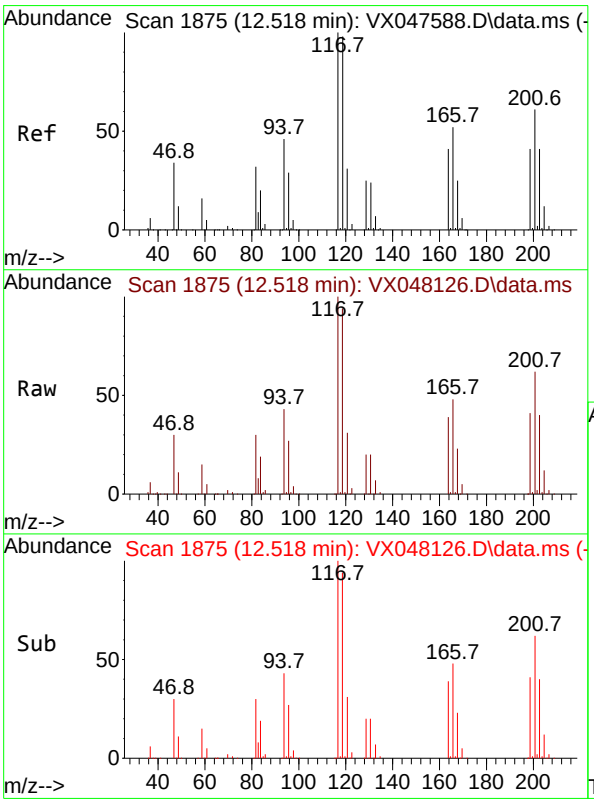
#89
n-Butylbenzene
Concen: 54.020 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 352384

Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.6	82.7
134	24.8	12.6	37.8

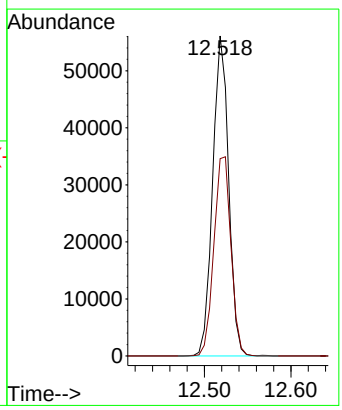


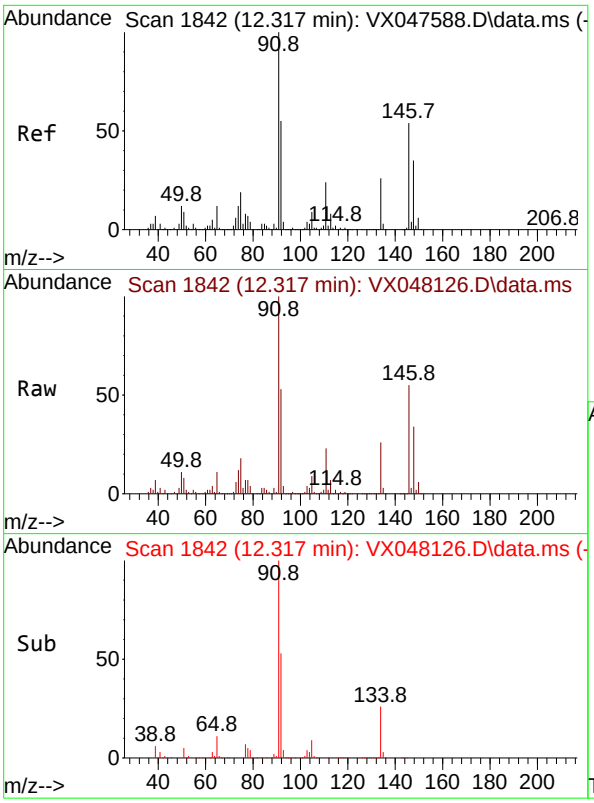


#90
Hexachloroethane
Concen: 57.956 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Tgt Ion:117 Resp: 71735

Ion	Ratio	Lower	Upper
117	100		
201	66.6	34.2	102.5



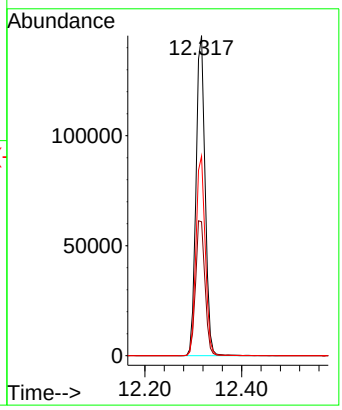


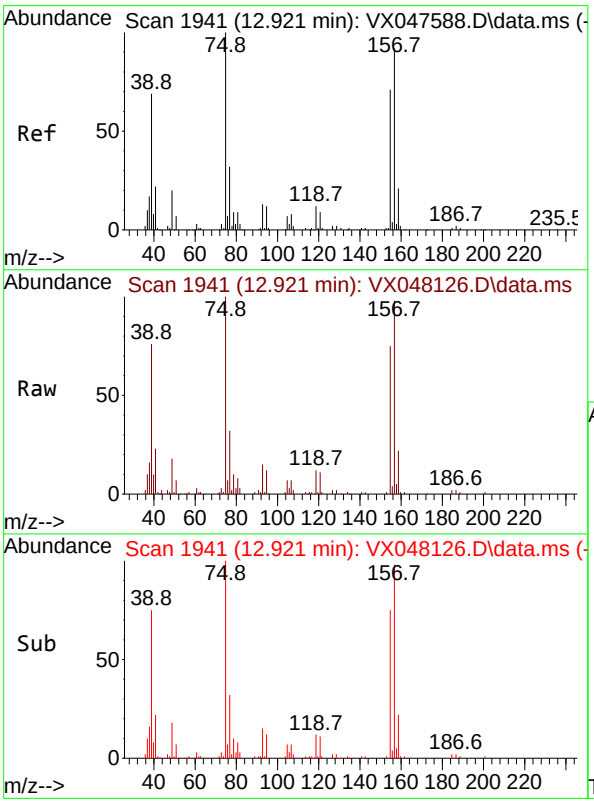
#91
1,2-Dichlorobenzene
Concen: 52.006 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 188937

Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.2	66.6
148	63.4	31.8	95.4

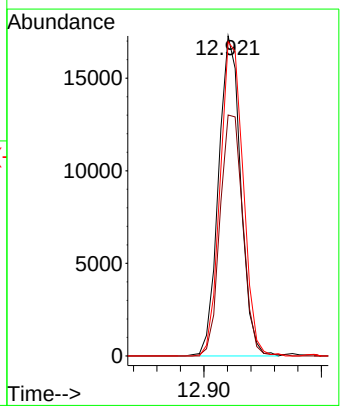


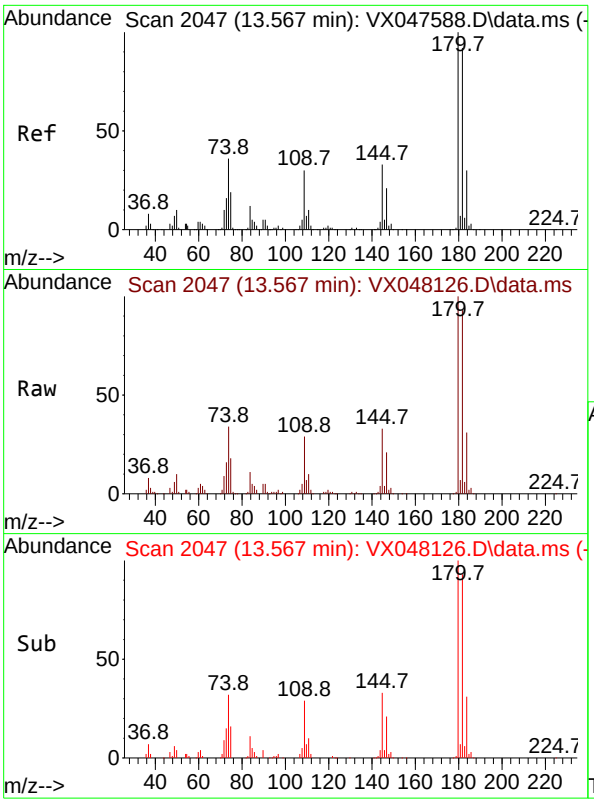


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.358 ug/l
RT: 12.921 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



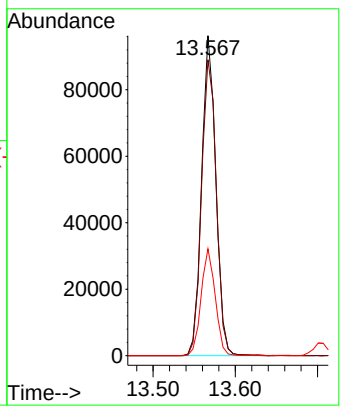


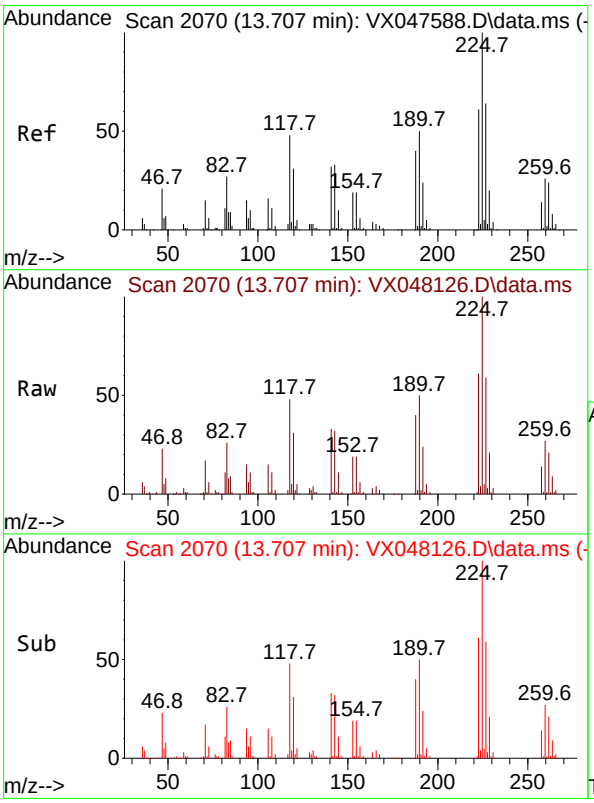
#93
1,2,4-Trichlorobenzene
Concen: 48.936 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 115543

Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.6	139.8
145	33.2	16.4	49.1

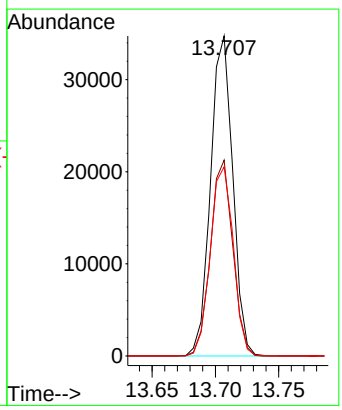


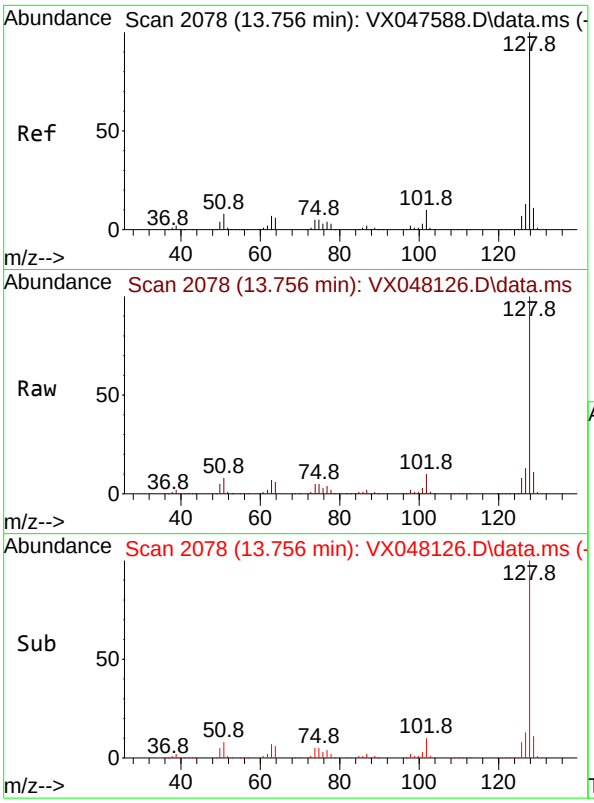


#94
Hexachlorobutadiene
Concen: 52.791 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



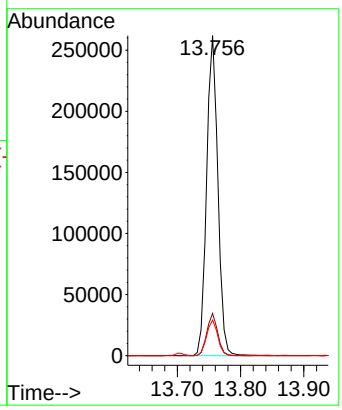


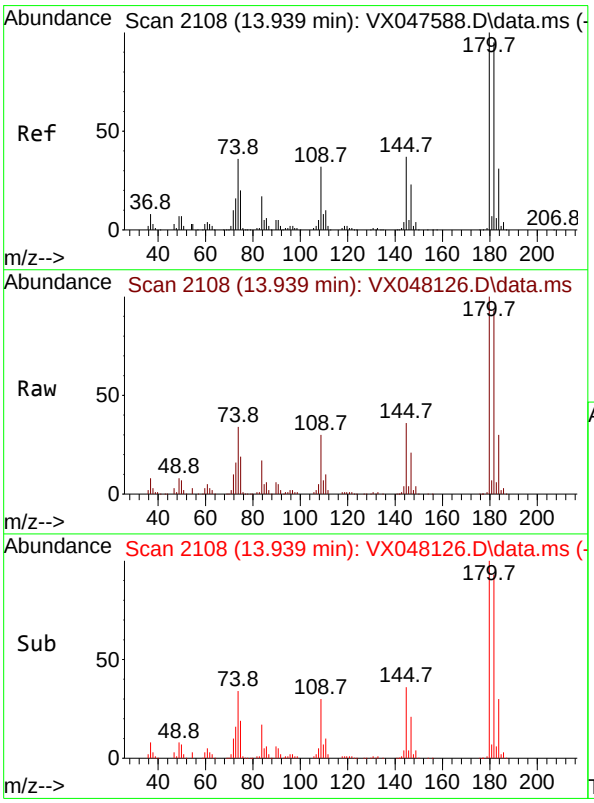
#95
Naphthalene
Concen: 45.067 ug/l
RT: 13.756 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 324021

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

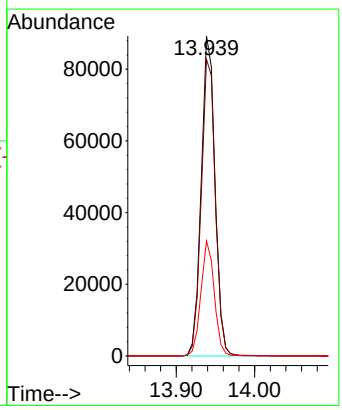




#96
1,2,3-Trichlorobenzene
Concen: 49.668 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048126.D
Acq: 13 Oct 2025 08:55

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



Quantitation Report (Not Reviewed)

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

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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

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

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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

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	46713	19.383	ug/l		92
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

Quantitation Report (Not Reviewed)

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

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

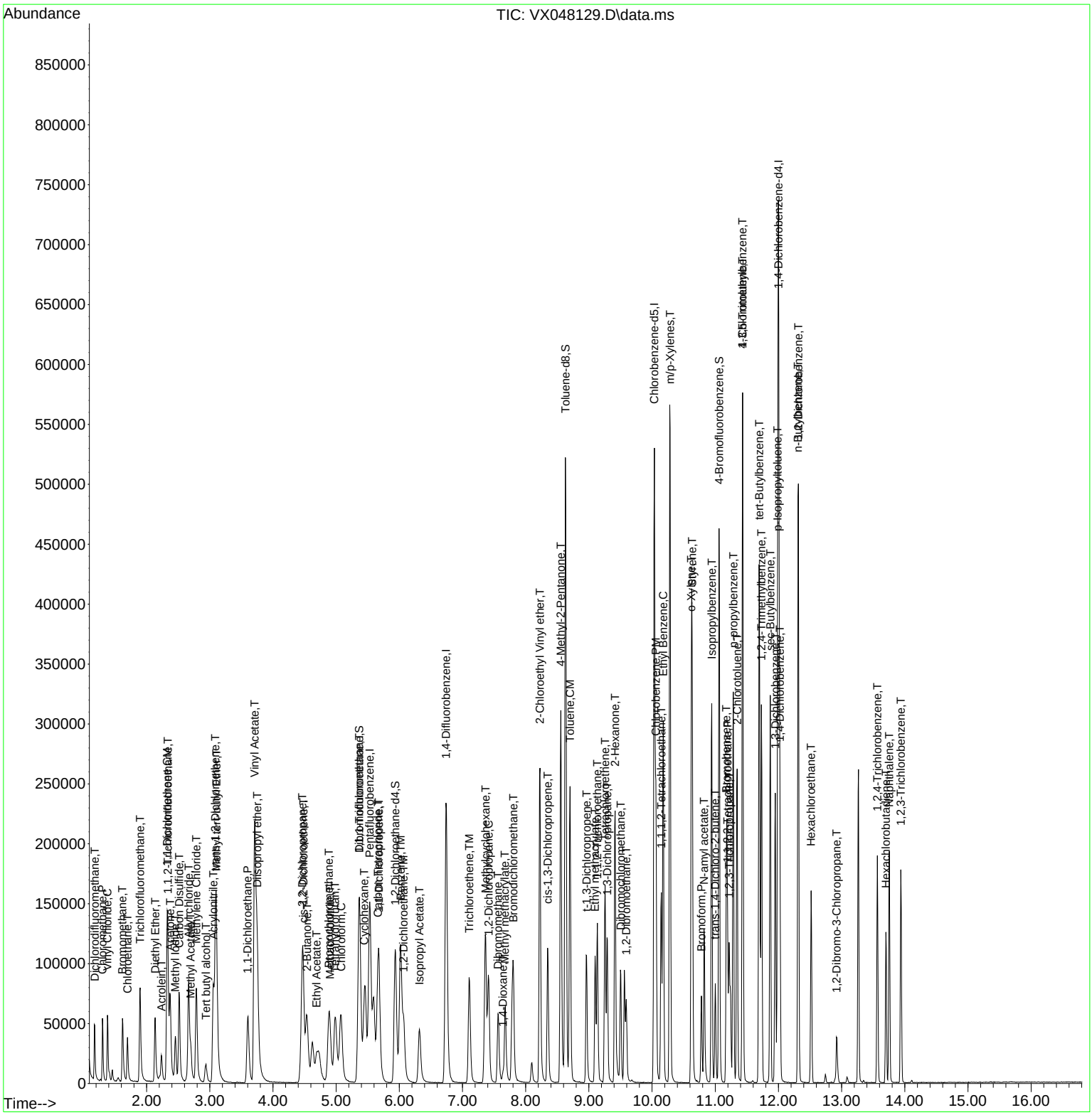
(#) = qualifier out of range (m) = manual integration (+) = signals summed

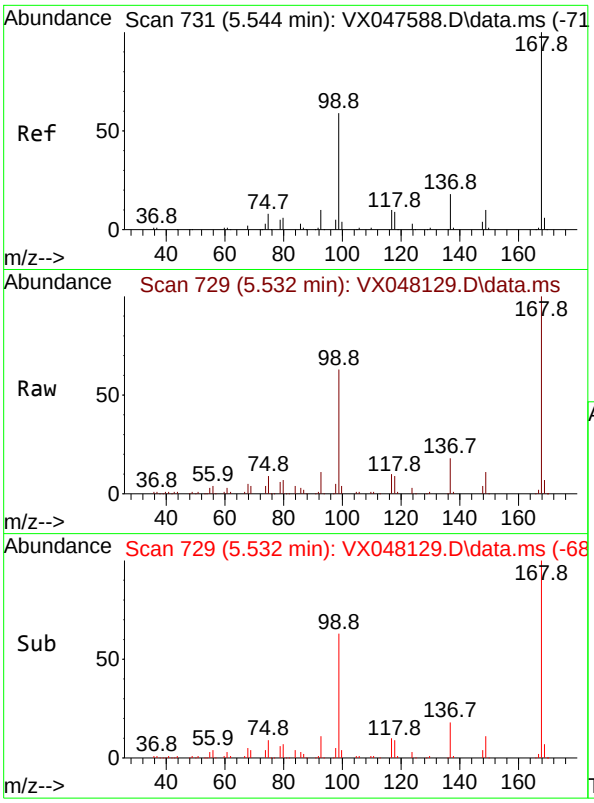
Quantitation Report (Not Reviewed)

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

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

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



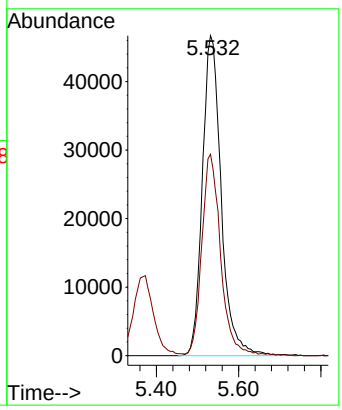


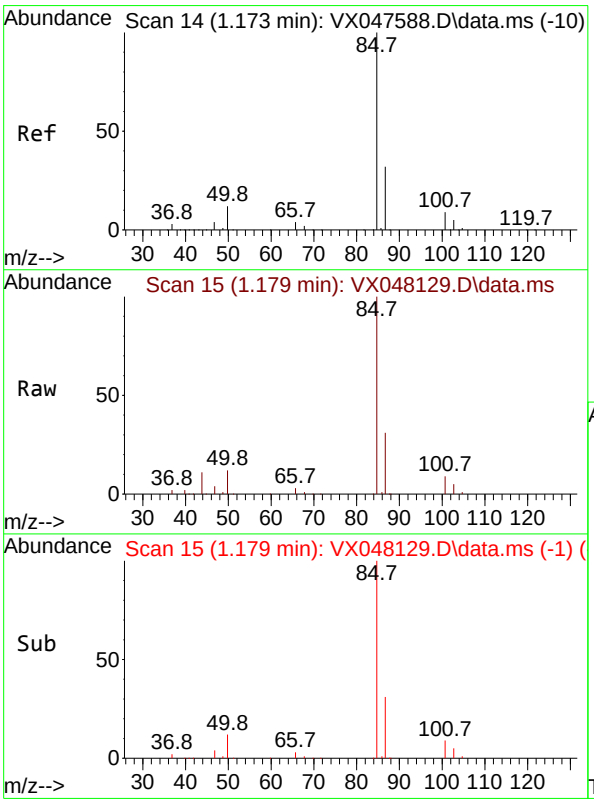
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:168 Resp: 148350

Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.8	73.2

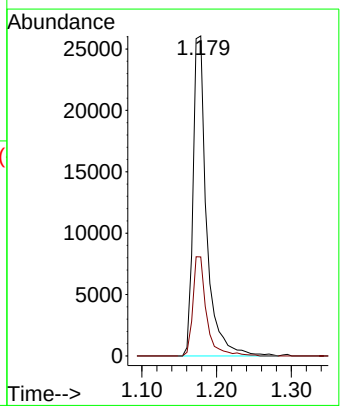


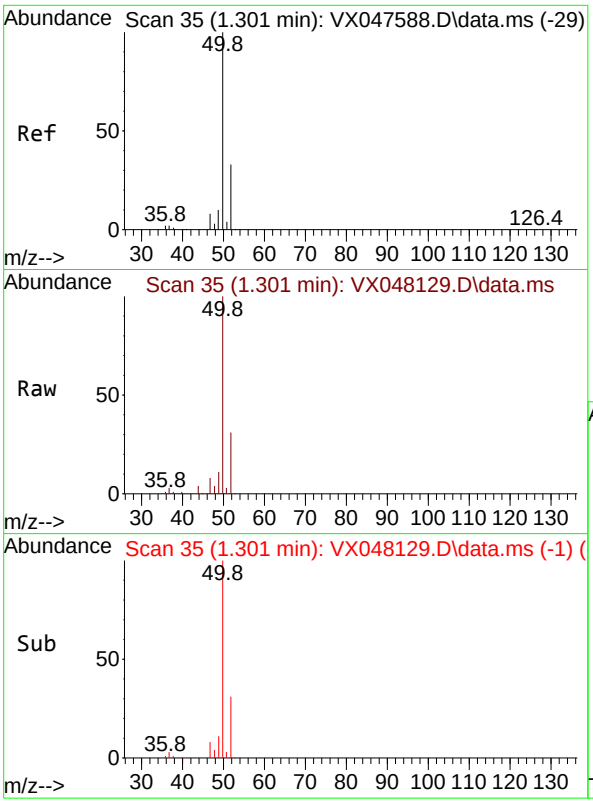


#2
Dichlorodifluoromethane
Concen: 21.370 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 85 Resp: 32828

Ion	Ratio	Lower	Upper
85	100		
87	31.3	15.8	47.3



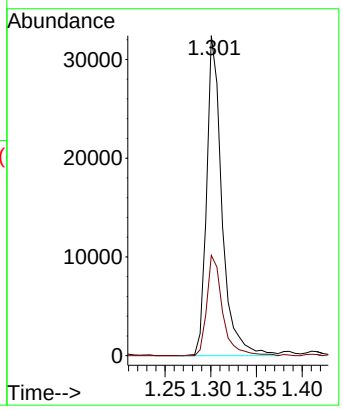


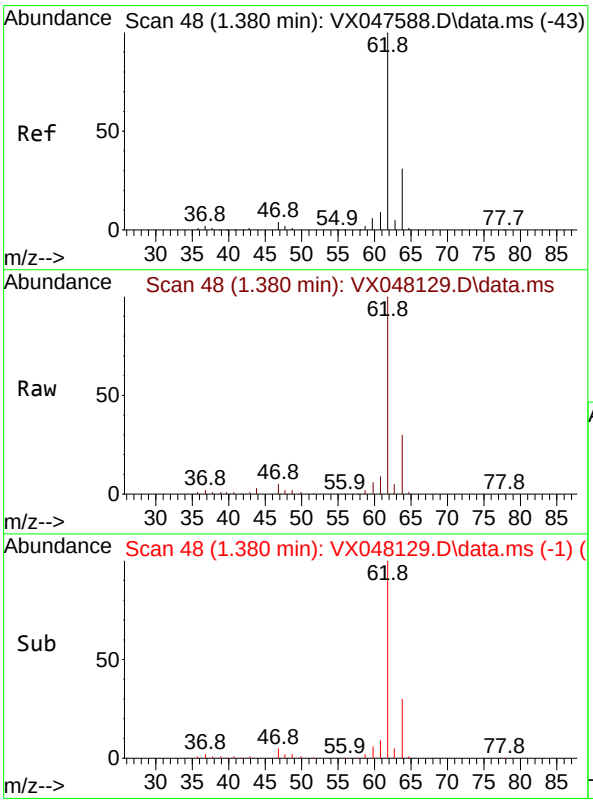
#3
Chloromethane
Concen: 18.654 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 50 Resp: 37661

Ion	Ratio	Lower	Upper
50	100		
52	31.4	26.1	39.1

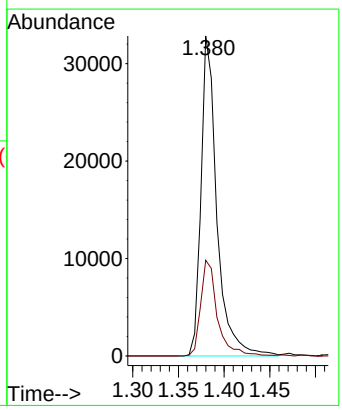


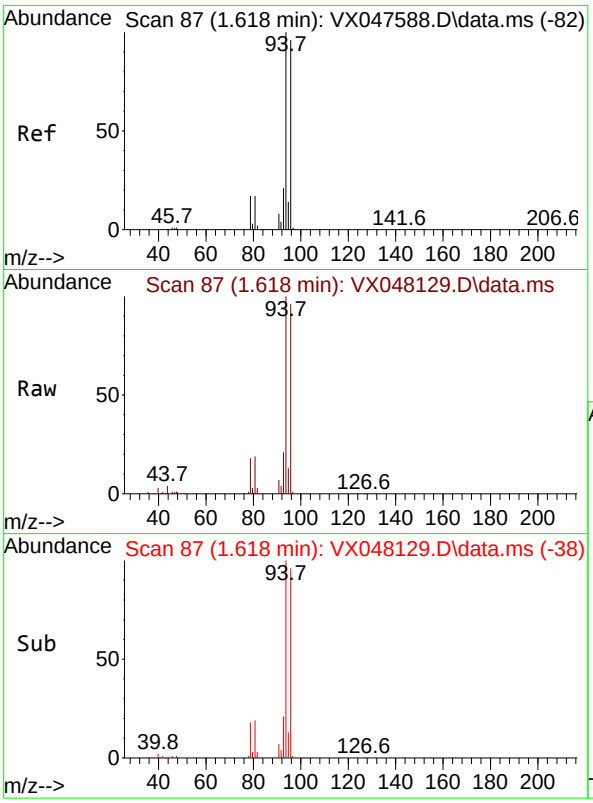


#4
Vinyl Chloride
Concen: 20.000 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 62 Resp: 39527

Ion	Ratio	Lower	Upper
62	100		
64	29.9	24.9	37.3



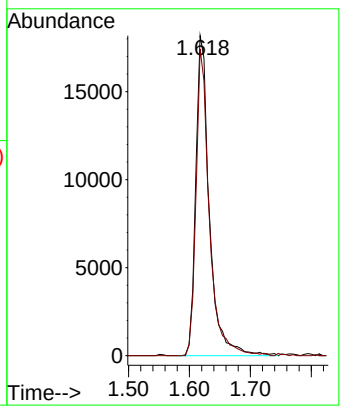


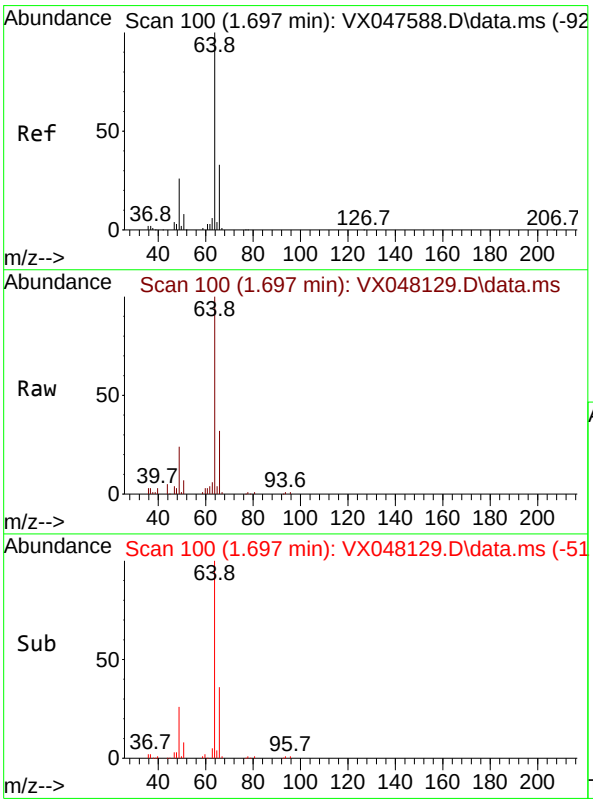
#5
Bromomethane
Concen: 22.531 ug/l
RT: 1.618 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 94 Resp: 28236

Ion	Ratio	Lower	Upper
94	100		
96	97.1	76.6	115.0

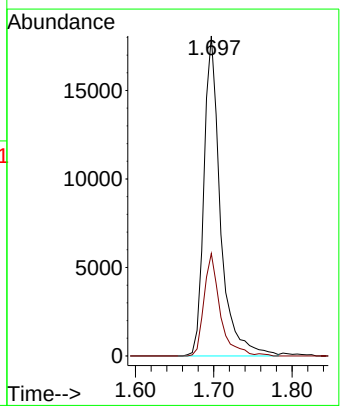


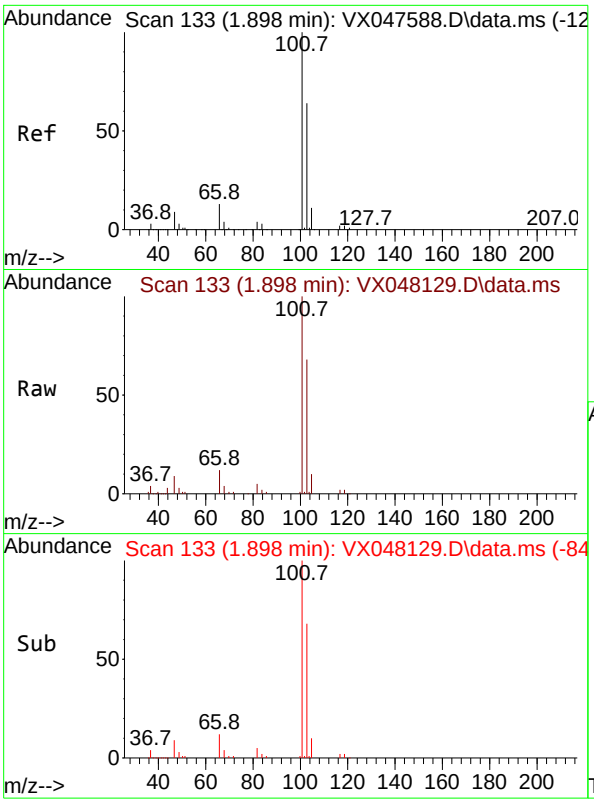


#6
Chloroethane
Concen: 19.985 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 64 Resp: 26398

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.1	39.1



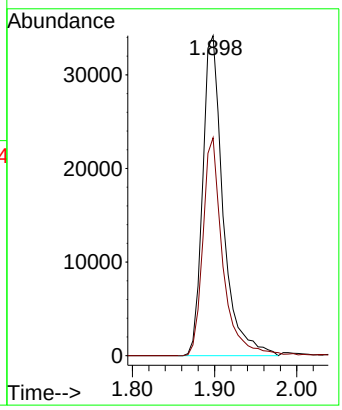


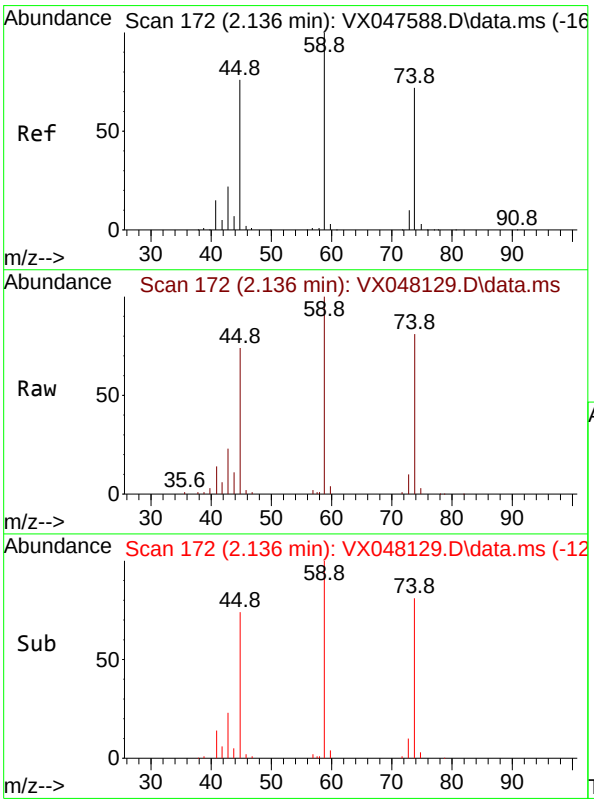
#7
Trichlorofluoromethane
Concen: 20.148 ug/l
RT: 1.898 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:101 Resp: 59124

Ion	Ratio	Lower	Upper
101	100		
103	68.1	51.4	77.2

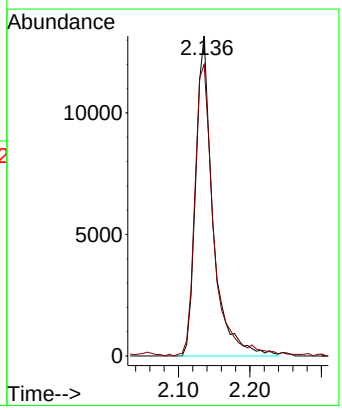


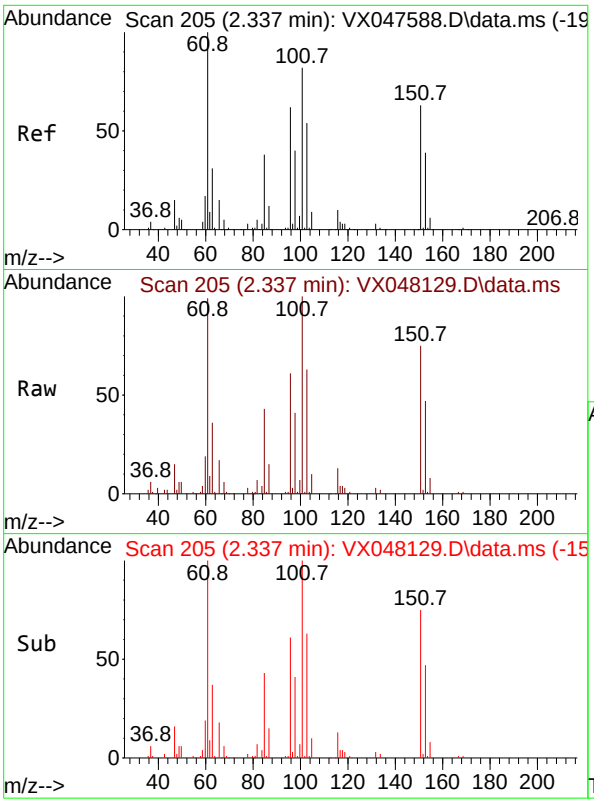


#8
Diethyl Ether
Concen: 18.311 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 74 Resp: 21980

Ion	Ratio	Lower	Upper
74	100		
45	100.4	52.3	156.8



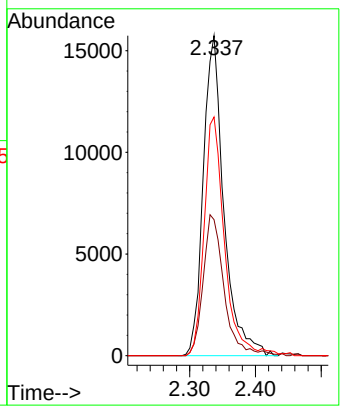


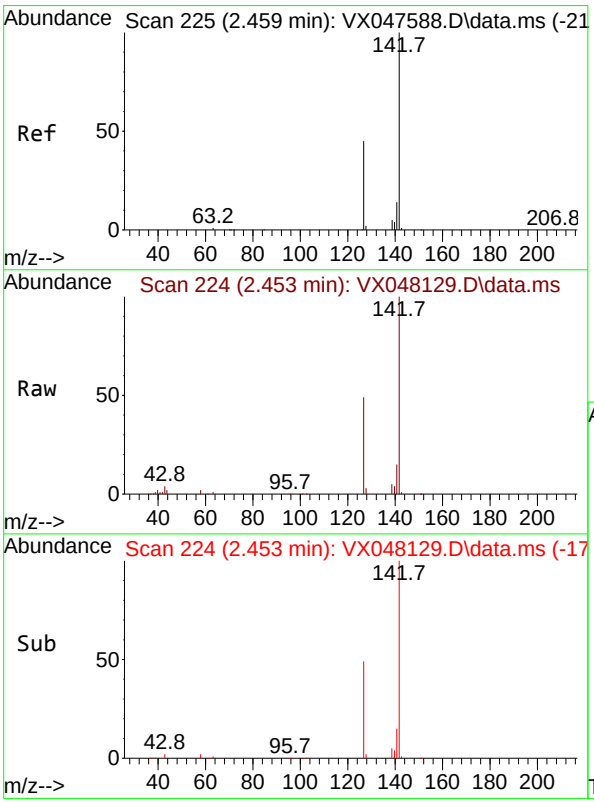
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.972 ug/l
RT: 2.337 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:101 Resp: 34269

Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.5	53.3
151	72.5	59.4	89.0

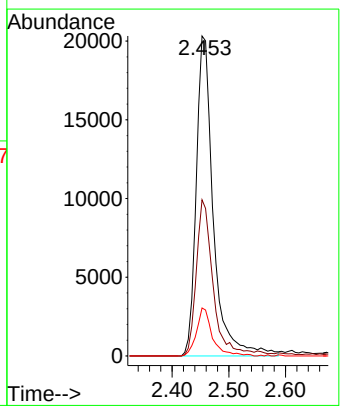


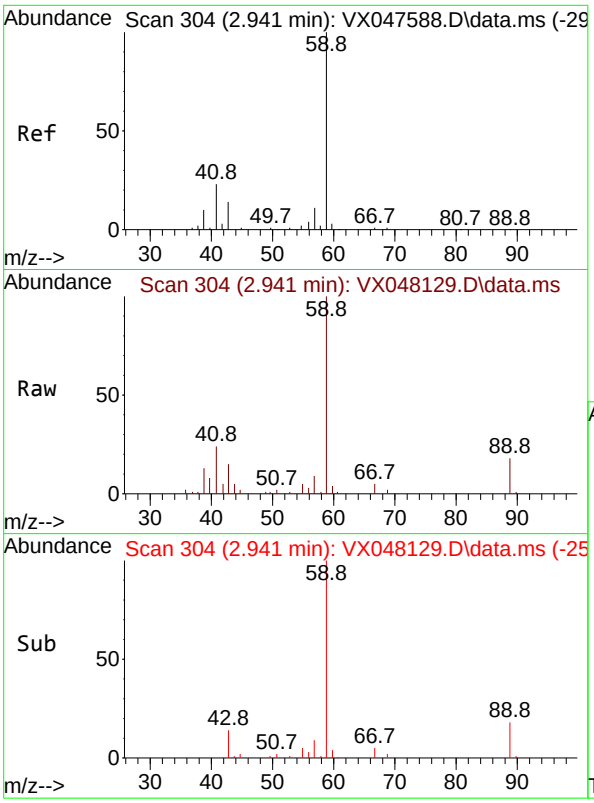


#10
Methyl Iodide
Concen: 15.930 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



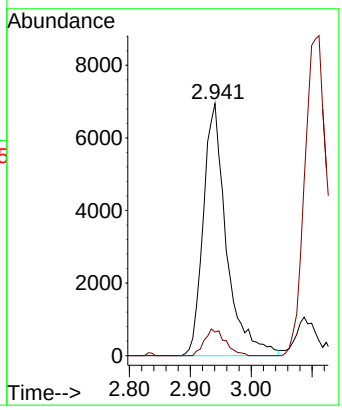


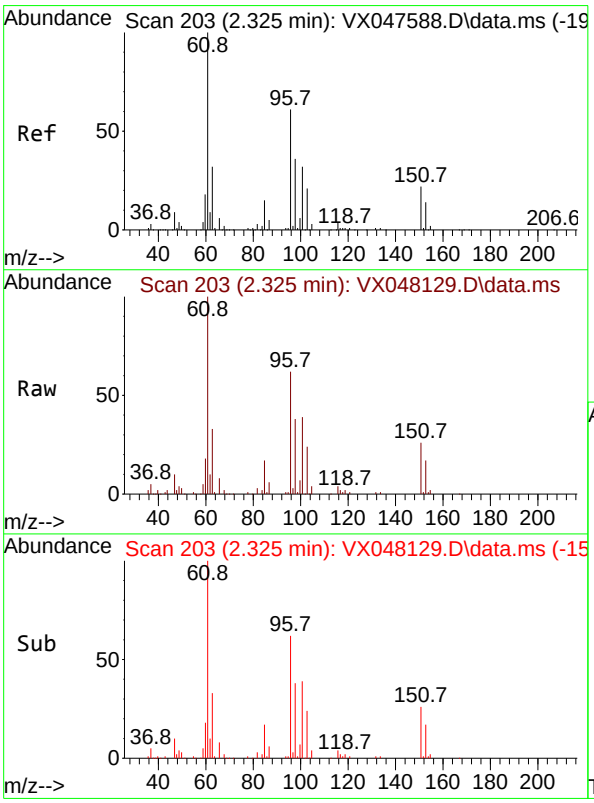
#11
Tert butyl alcohol
Concen: 69.713 ug/l
RT: 2.941 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 59 Resp: 18334

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5

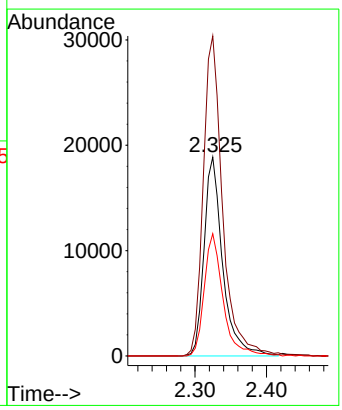


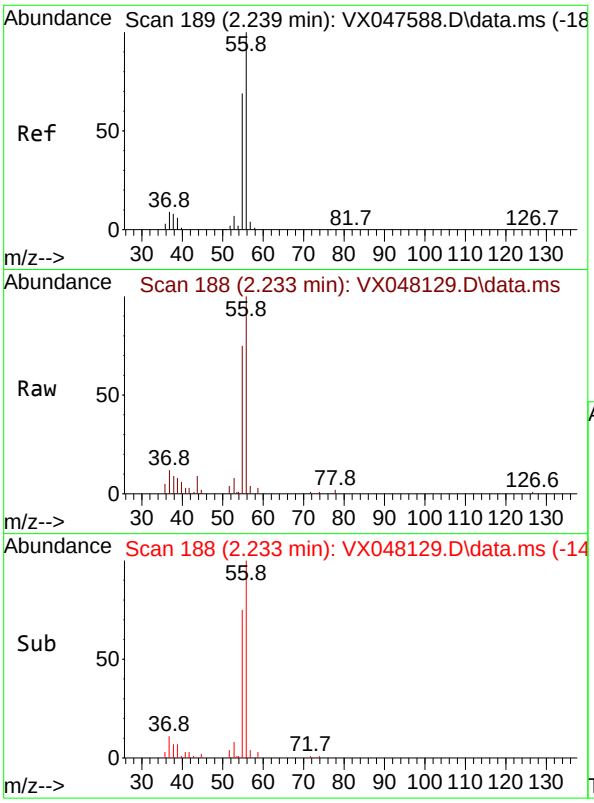


#12
1,1-Dichloroethene
Concen: 19.427 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



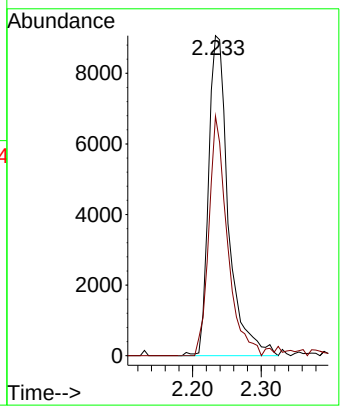


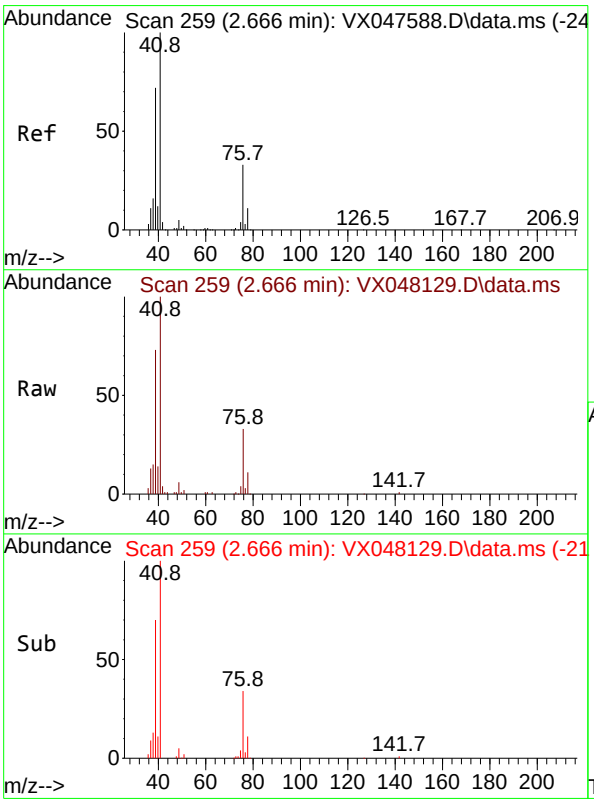
#13
Acrolein
Concen: 75.267 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 56 Resp: 18241

Ion	Ratio	Lower	Upper
56	100		
55	69.7	57.2	85.8

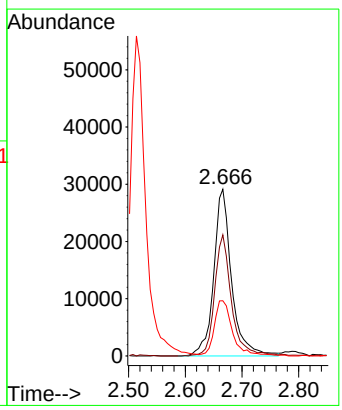


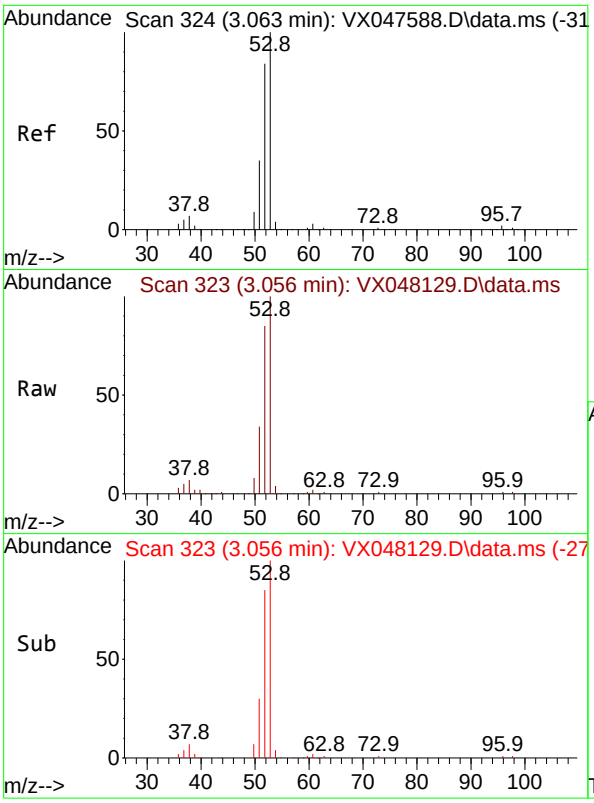


#14
Allyl chloride
Concen: 17.559 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



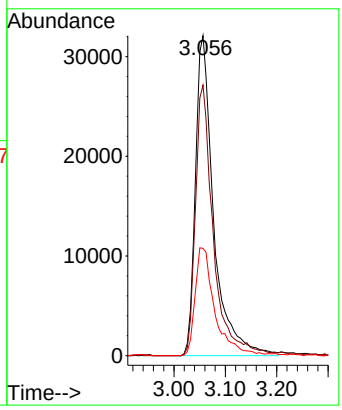


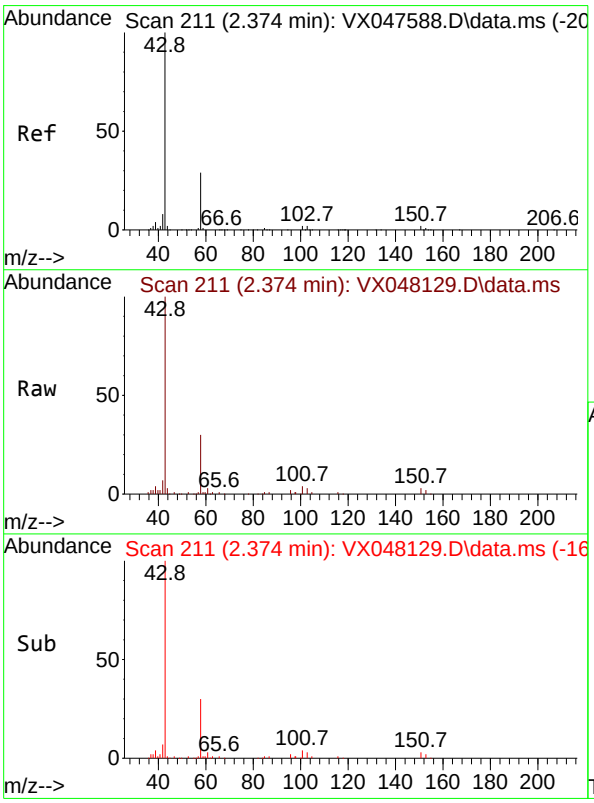
#15
Acrylonitrile
Concen: 81.442 ug/l
RT: 3.056 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 53 Resp: 79336

Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.4	99.6
51	36.5	29.5	44.3

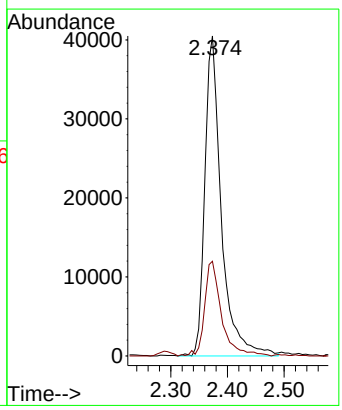


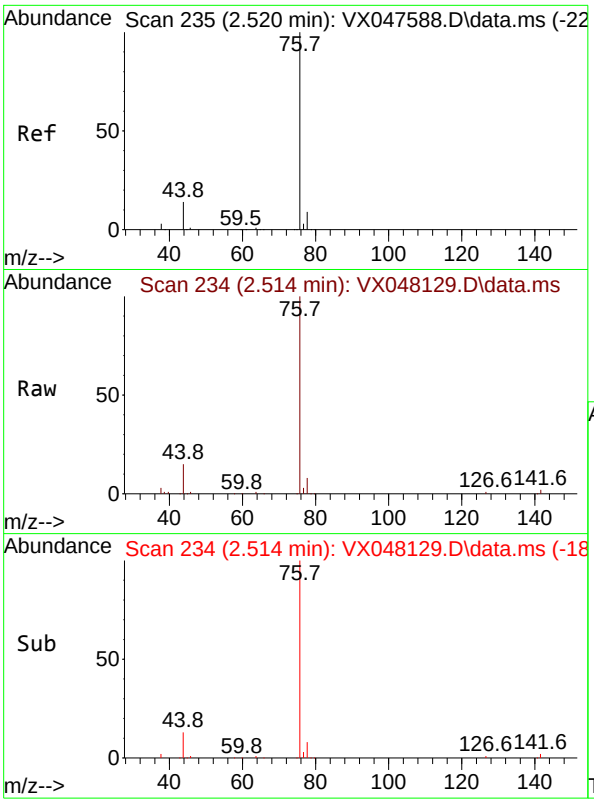


#16
Acetone
Concen: 79.680 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 81810

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.4	35.0



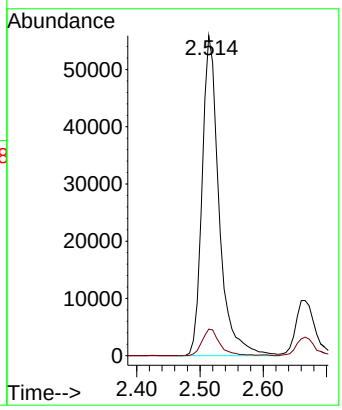


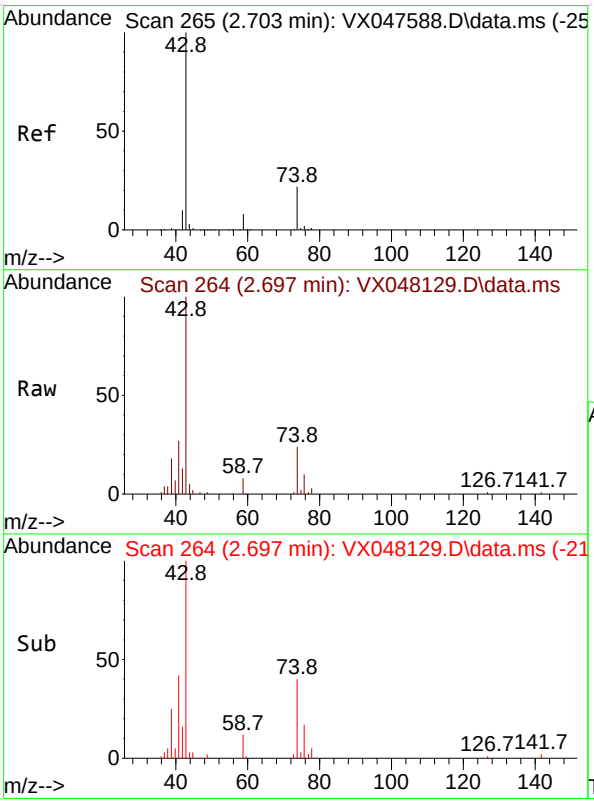
#17
Carbon Disulfide
Concen: 21.602 ug/l
RT: 2.514 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 76 Resp: 104233

Ion	Ratio	Lower	Upper
76	100		
78	8.5	6.8	10.2

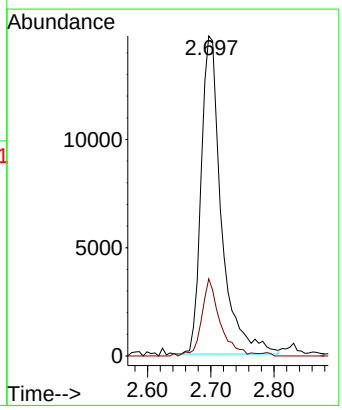


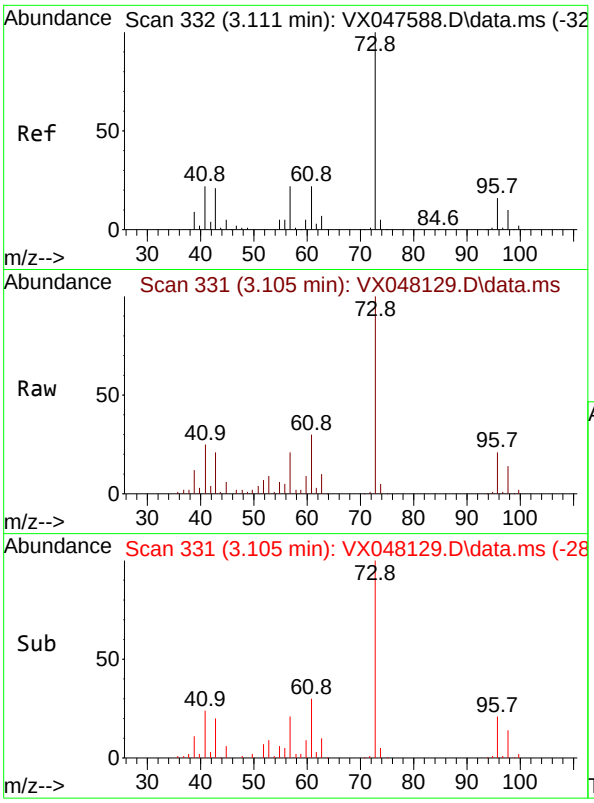


#18
Methyl Acetate
Concen: 14.310 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 43 Resp: 32698

Ion	Ratio	Lower	Upper
43	100		
74	22.3	17.4	26.2



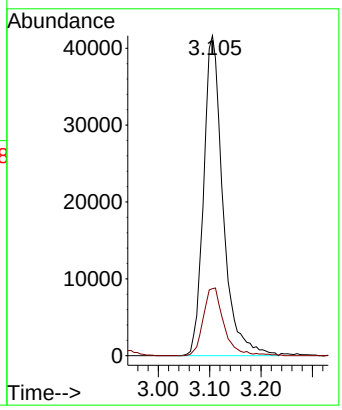


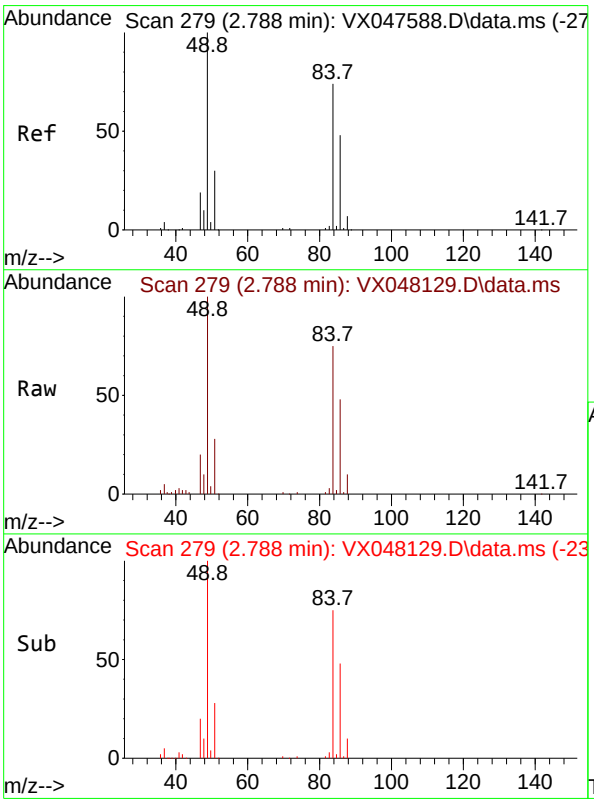
#19
Methyl tert-butyl Ether
Concen: 16.928 ug/l
RT: 3.105 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 73 Resp: 108918

Ion	Ratio	Lower	Upper
73	100		
57	20.9	17.4	26.2

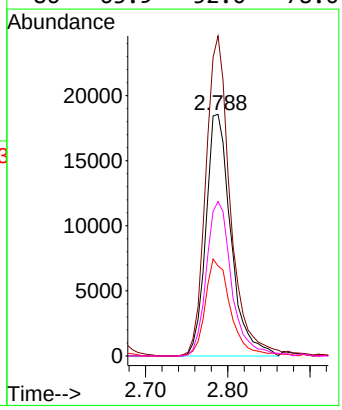


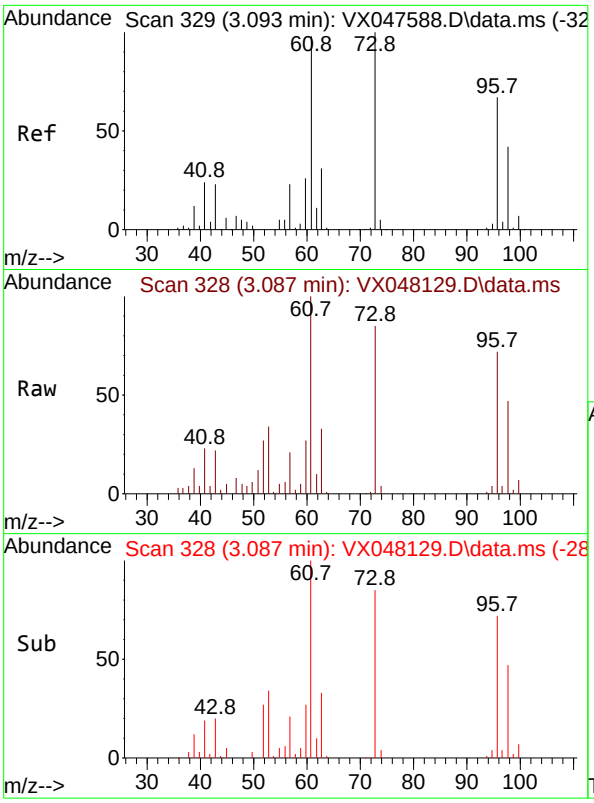


#20
Methylene Chloride
Concen: 18.021 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



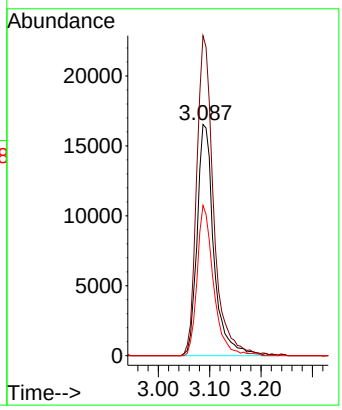


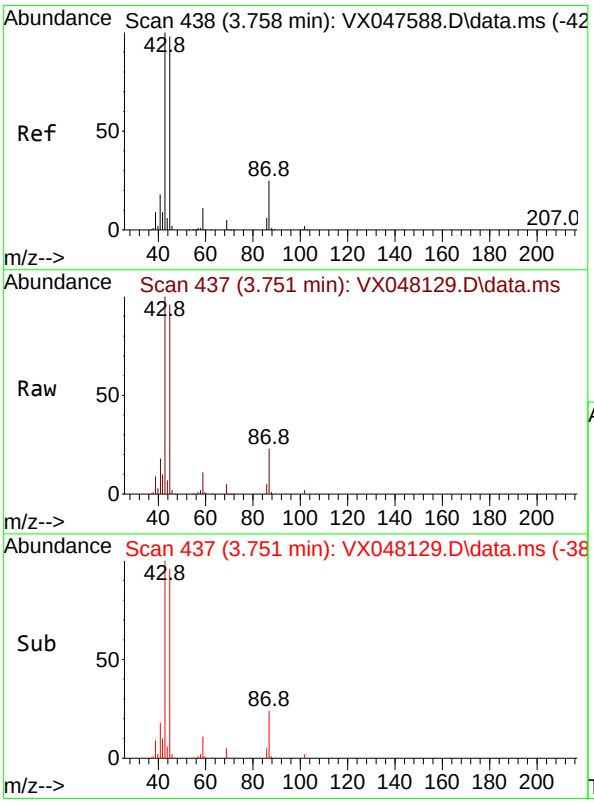
#21
trans-1,2-Dichloroethene
Concen: 19.770 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 96 Resp: 37516

Ion	Ratio	Lower	Upper
96	100		
61	131.9	116.2	174.2
98	62.0	49.3	73.9

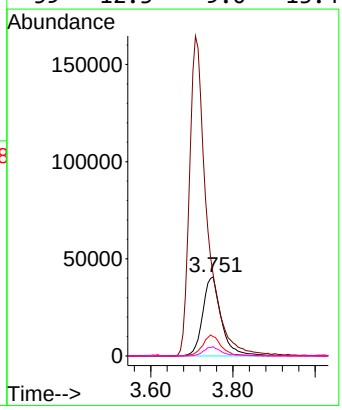


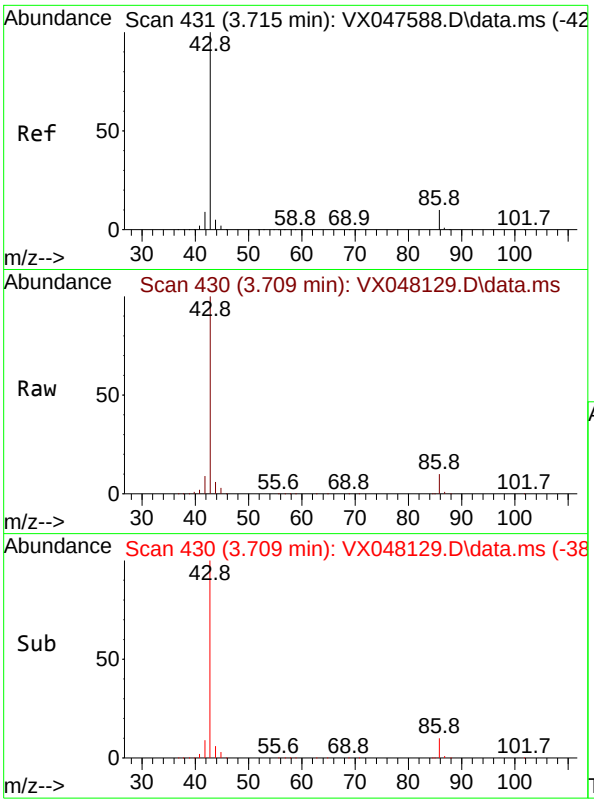


#22
Diisopropyl ether
Concen: 18.235 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



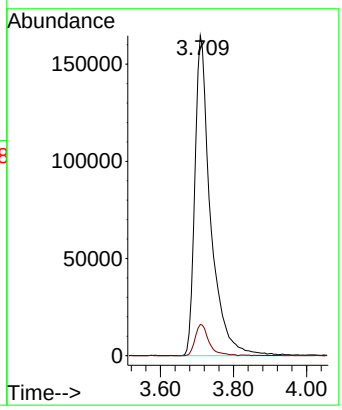


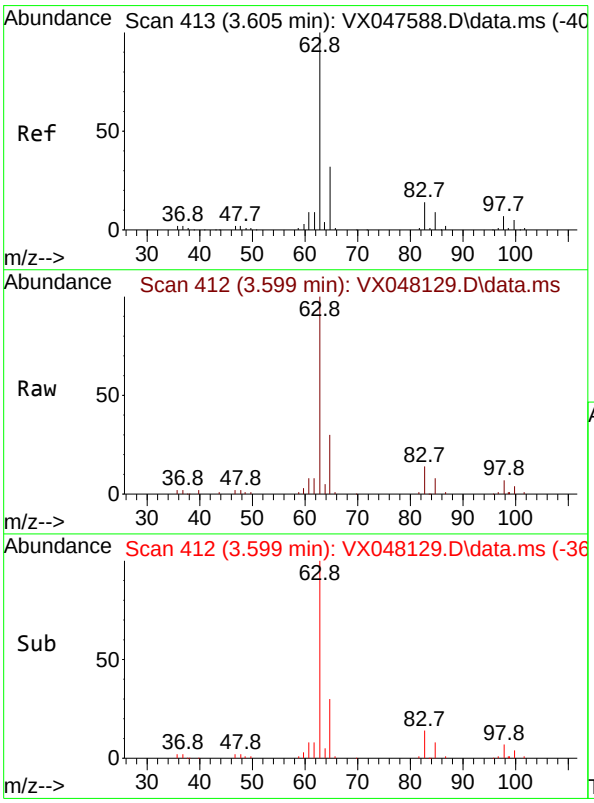
#23
Vinyl Acetate
Concen: 87.267 ug/l
RT: 3.709 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 43 Resp: 492314

Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.8	11.8

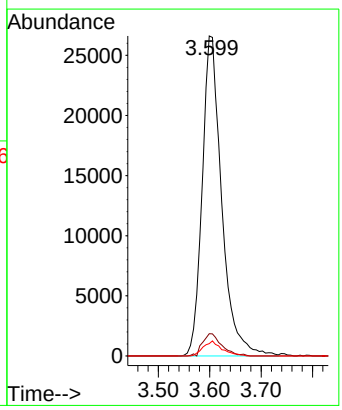


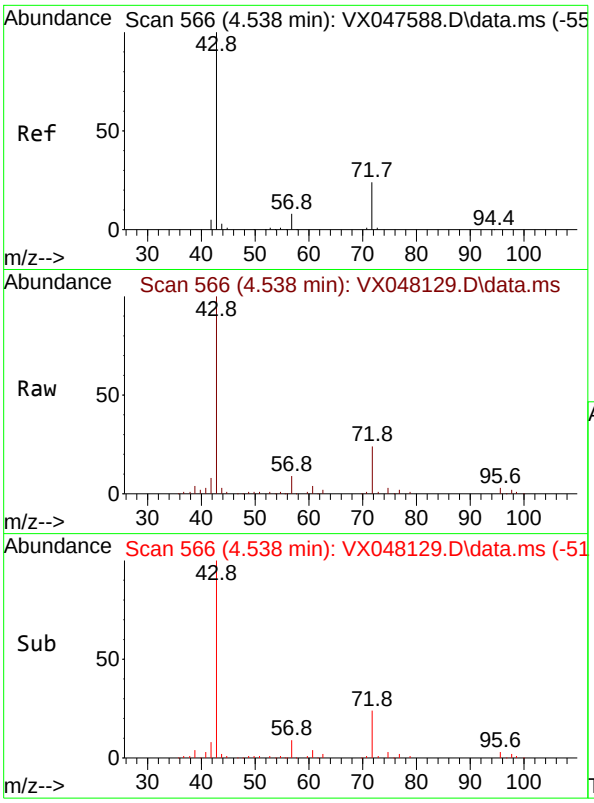


#24
1,1-Dichloroethane
Concen: 18.748 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



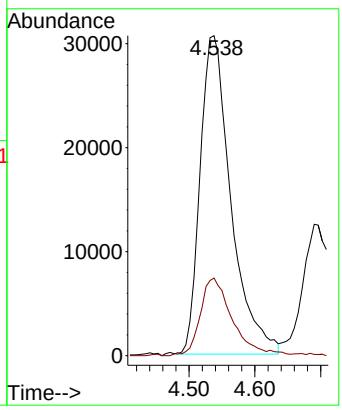


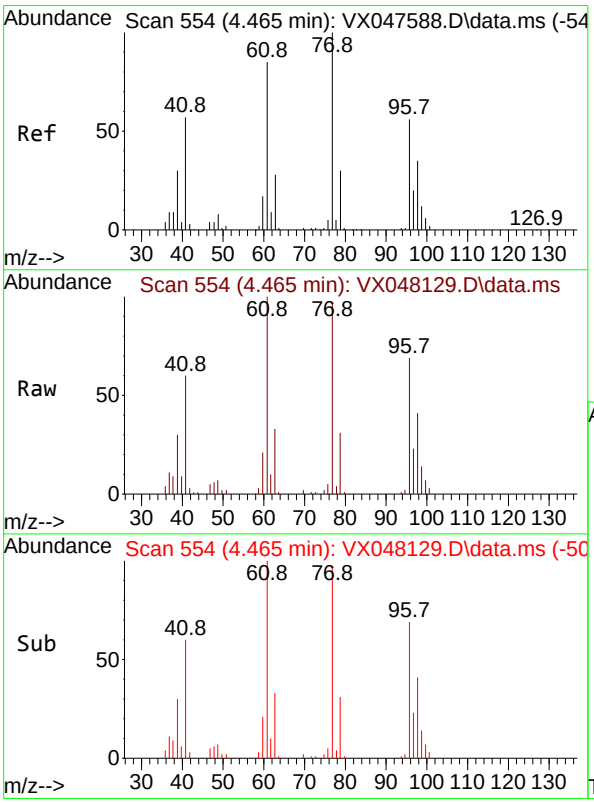
#25
2-Butanone
Concen: 77.945 ug/l
RT: 4.538 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 43 Resp: 99825

Ion	Ratio	Lower	Upper
43	100		
72	23.4	20.1	30.1

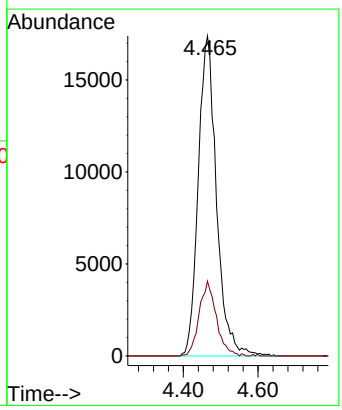


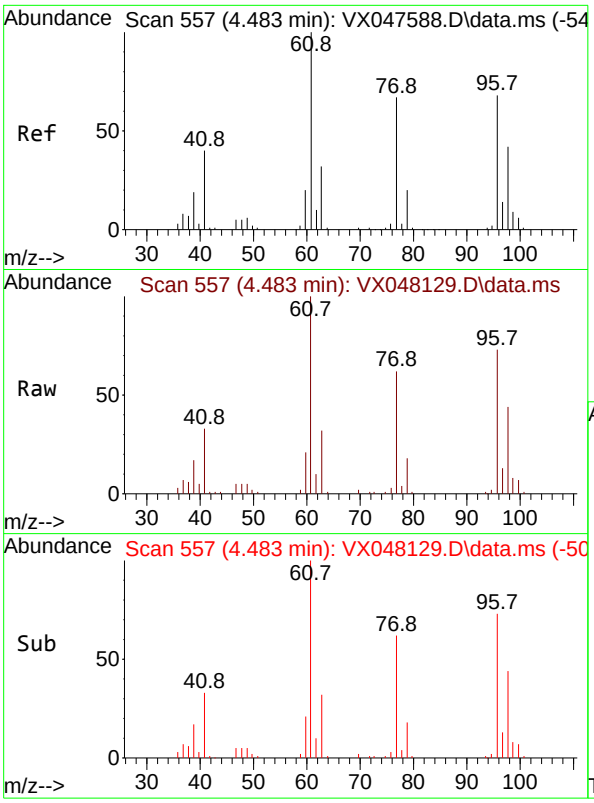


#26
2,2-Dichloropropane
Concen: 18.904 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 77 Resp: 58874

Ion	Ratio	Lower	Upper
77	100		
97	21.9	10.9	32.7



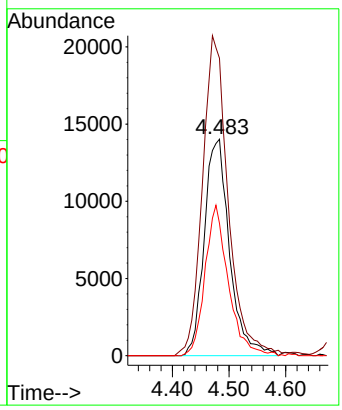


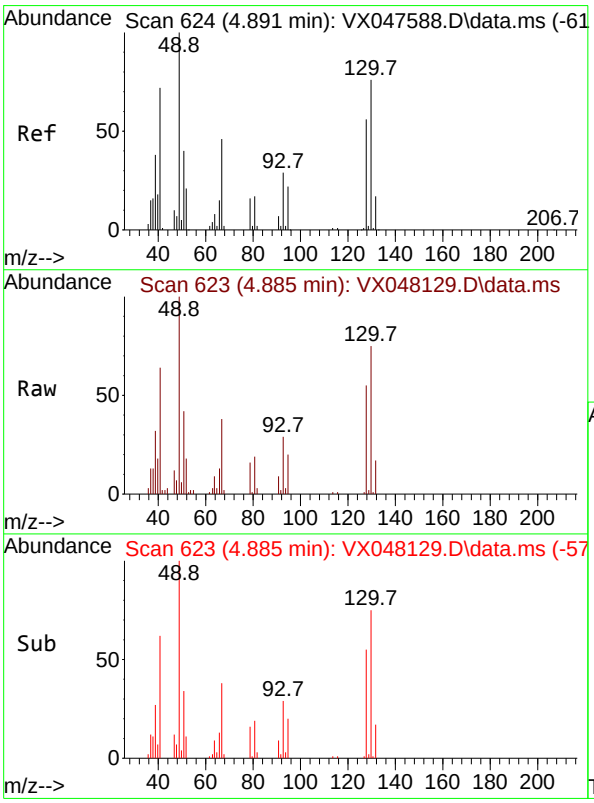
#27
cis-1,2-Dichloroethene
Concen: 18.705 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 96 Resp: 43468

Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	303.2
98	64.2	0.0	127.8

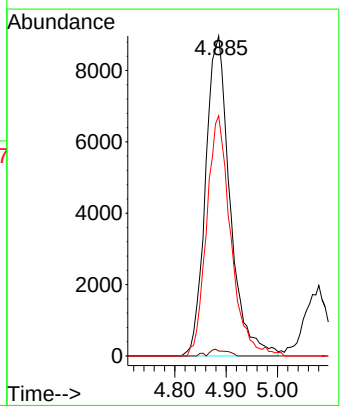


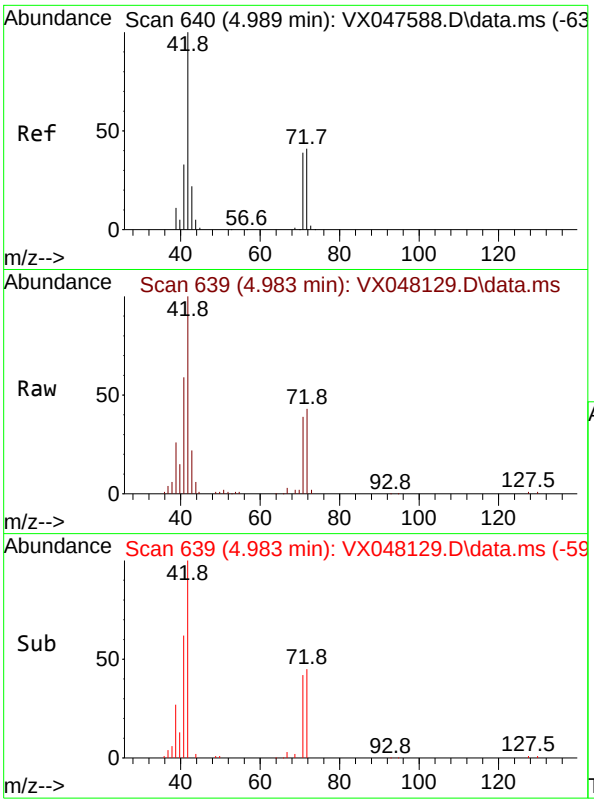


#28
Bromochloromethane
Concen: 18.143 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



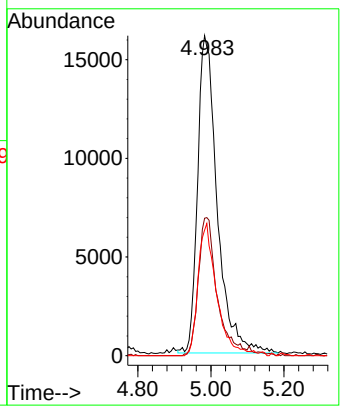


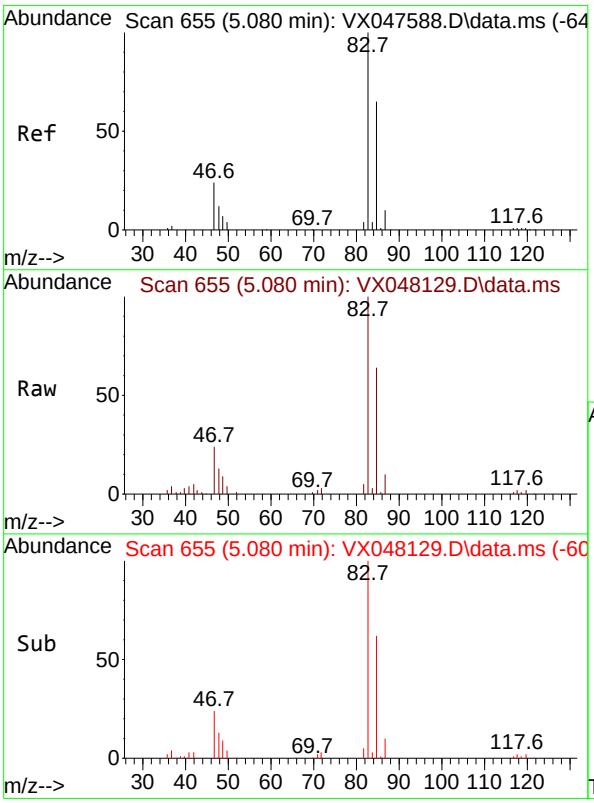
#29
Tetrahydrofuran
Concen: 77.654 ug/l
RT: 4.983 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 42 Resp: 59828

Ion	Ratio	Lower	Upper
42	100		
72	41.9	34.2	51.2
71	39.3	31.9	47.9

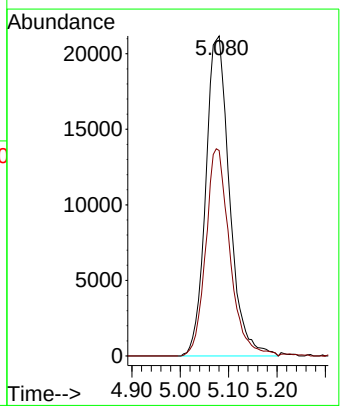


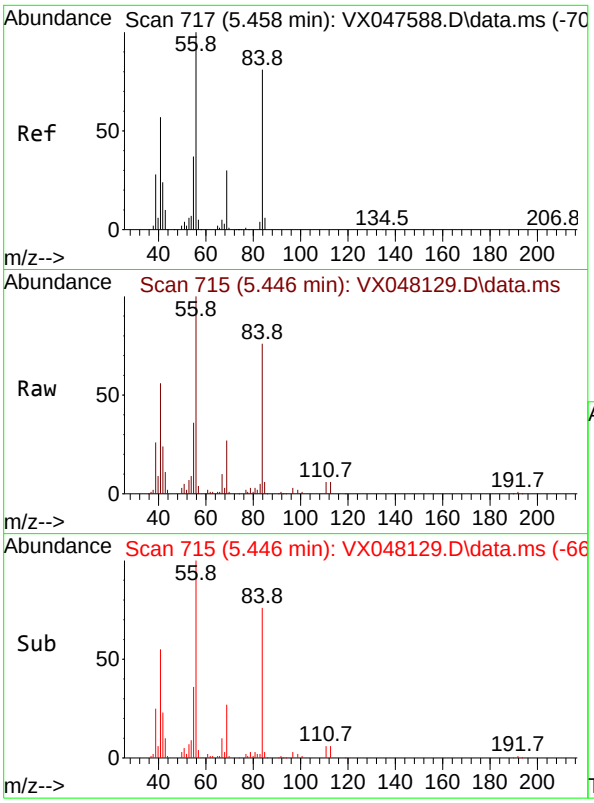


#30
Chloroform
Concen: 19.131 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 83 Resp: 72428

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6



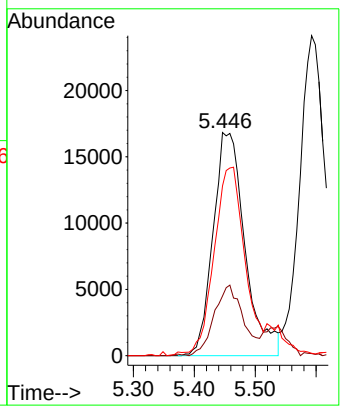


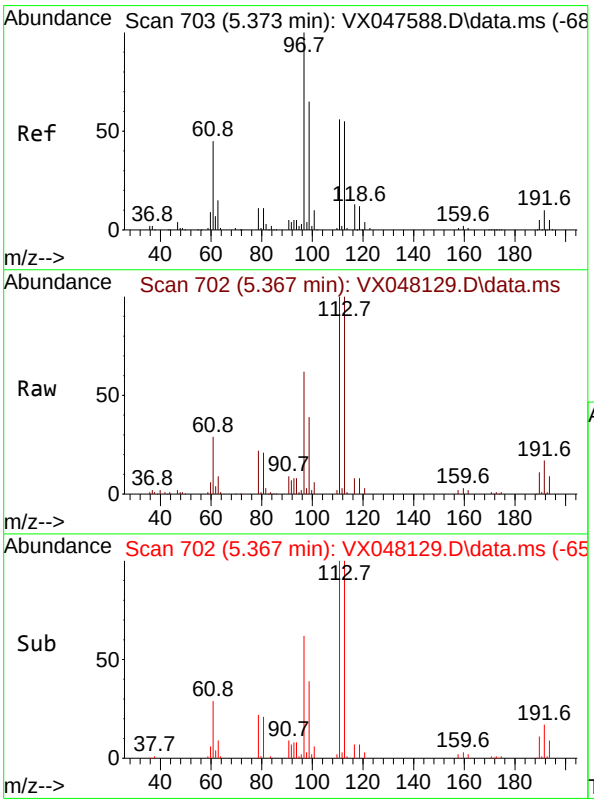
#31
Cyclohexane
Concen: 19.614 ug/l
RT: 5.446 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 56 Resp: 61201

Ion	Ratio	Lower	Upper
56	100		
69	26.0	23.8	35.8
84	74.4	64.6	97.0

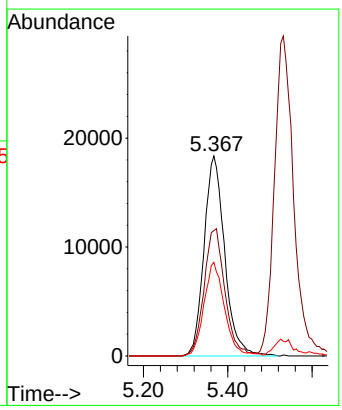


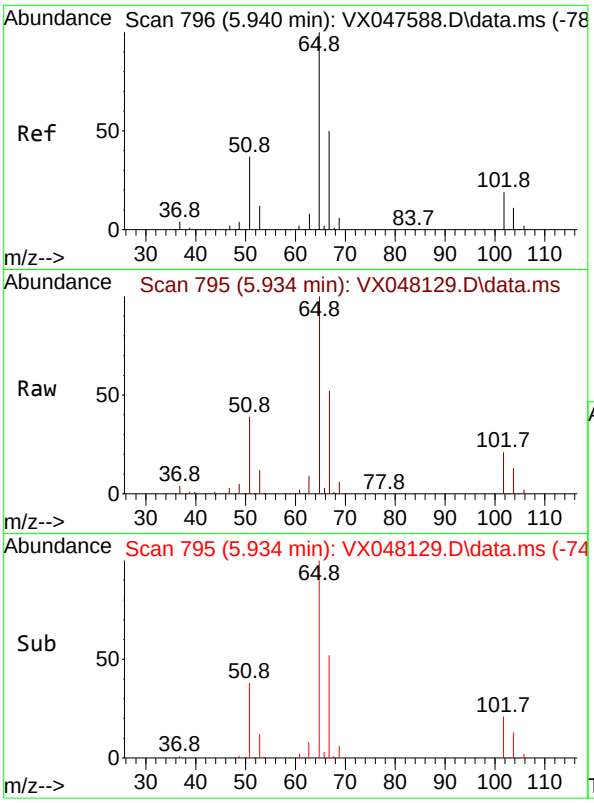


#32
1,1,1-Trichloroethane
Concen: 19.493 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



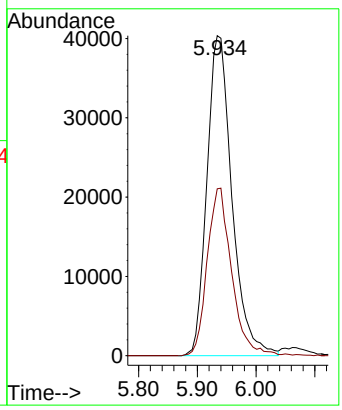


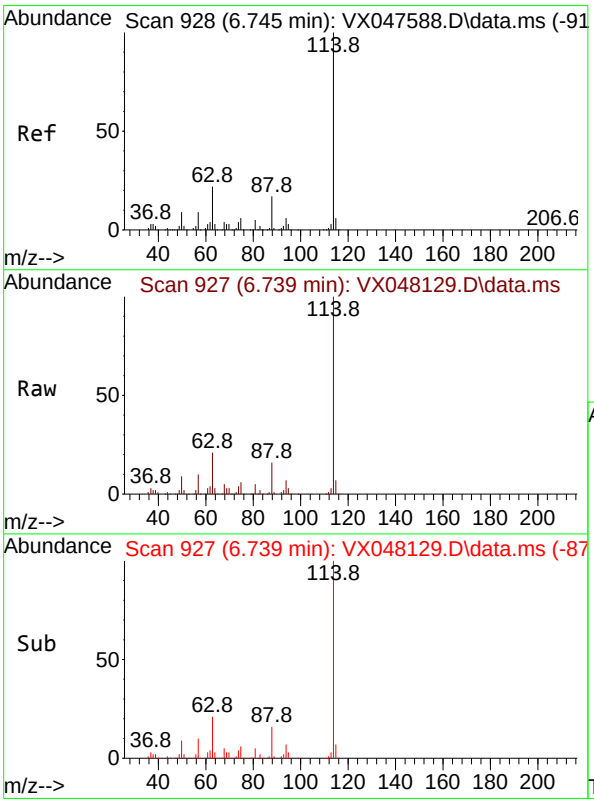
#33
1,2-Dichloroethane-d4
Concen: 50.551 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 65 Resp: 119369

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	103.0

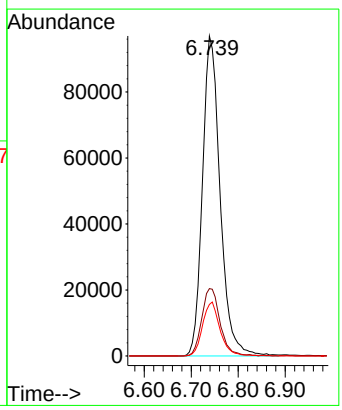


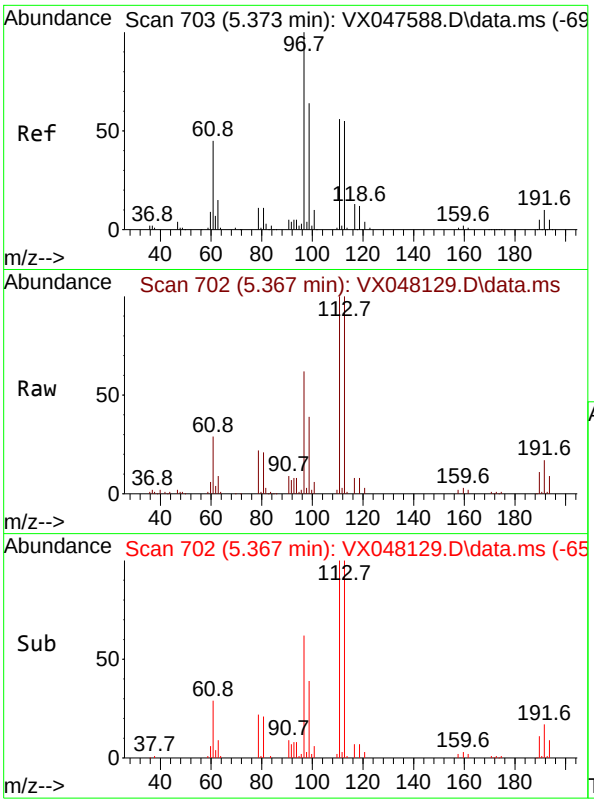


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



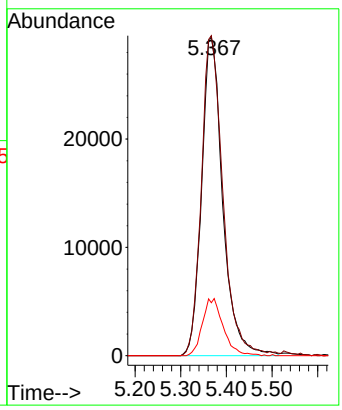


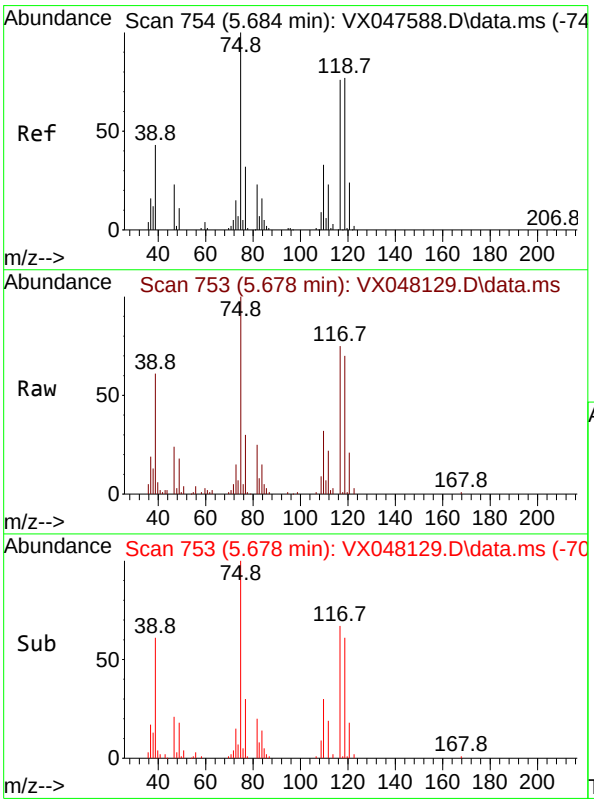
#35
Dibromofluoromethane
Concen: 55.581 ug/l
RT: 5.367 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:113 Resp: 94292

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

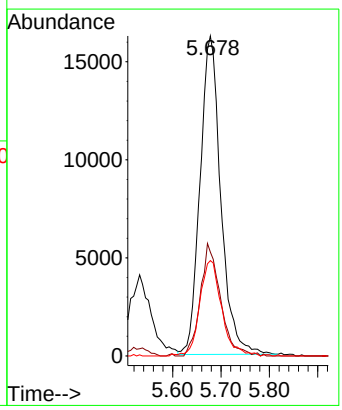


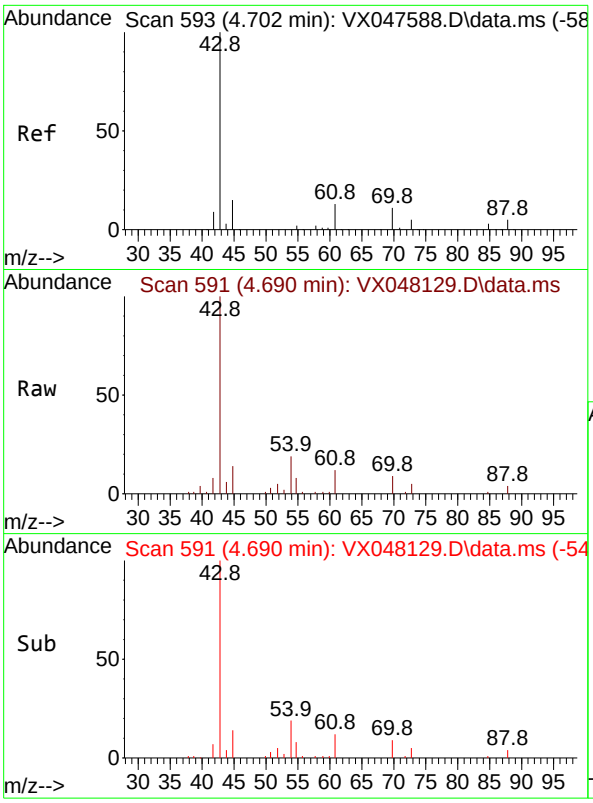


#36
1,1-Dichloropropene
Concen: 19.525 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



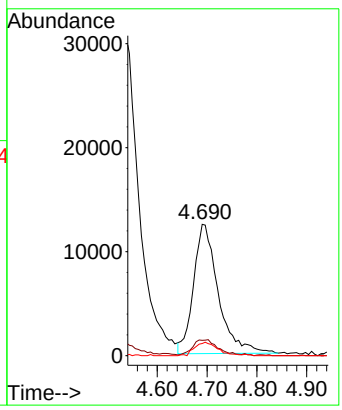


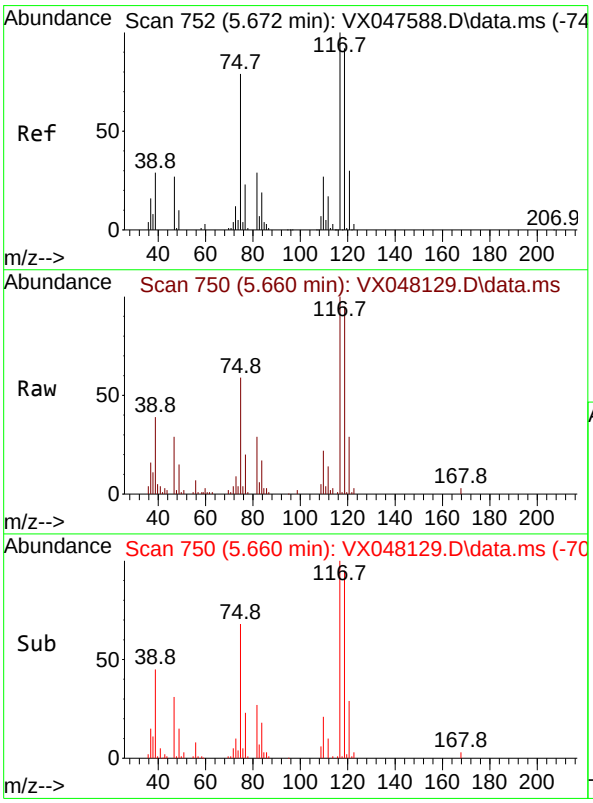
#37
Ethyl Acetate
Concen: 16.150 ug/l
RT: 4.690 min Scan# 5
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 43 Resp: 42866

Ion	Ratio	Lower	Upper
43	100		
61	11.2	9.8	14.8
70	9.6	7.9	11.9

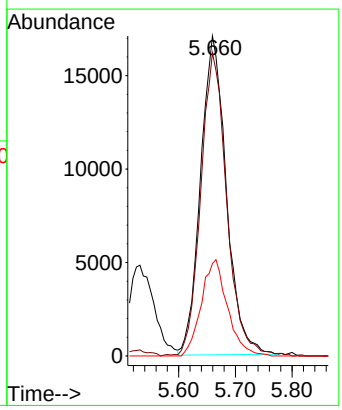


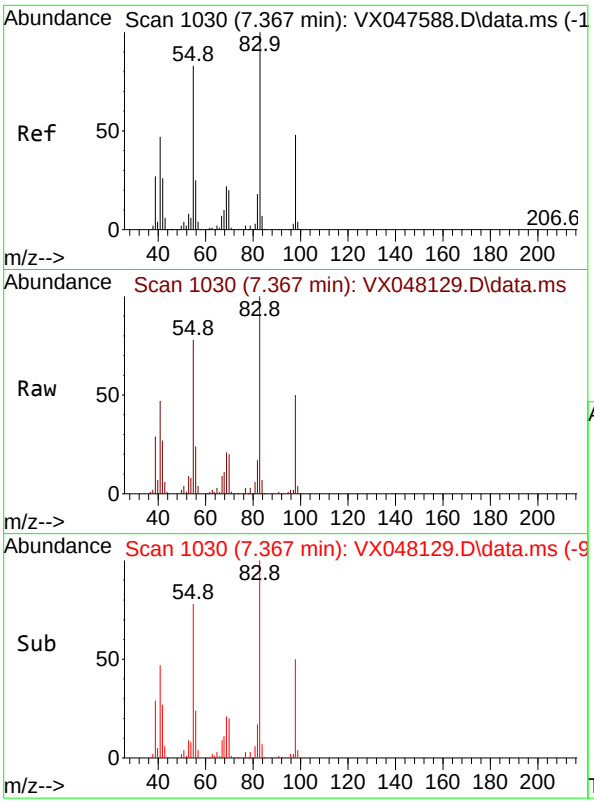


#38
Carbon Tetrachloride
Concen: 19.991 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



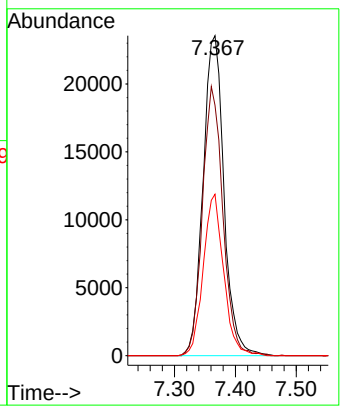


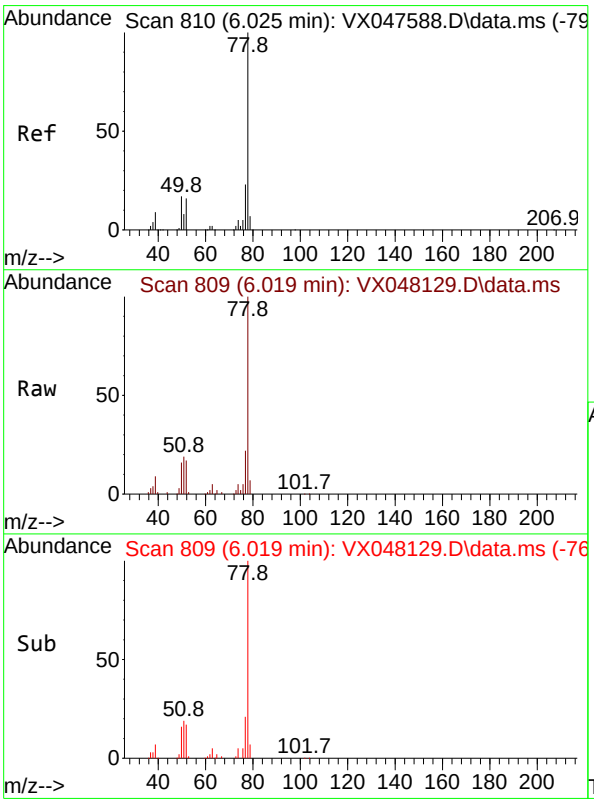
#39
Methylcyclohexane
Concen: 19.946 ug/l
RT: 7.367 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 83 Resp: 56127

Ion	Ratio	Lower	Upper
83	100		
55	78.2	66.4	99.6
98	50.5	38.1	57.1

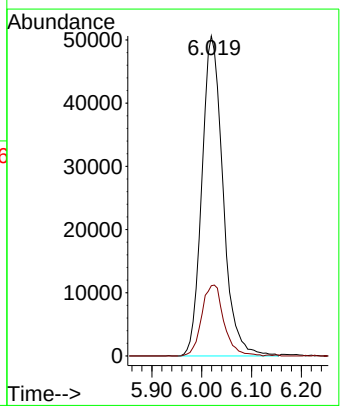


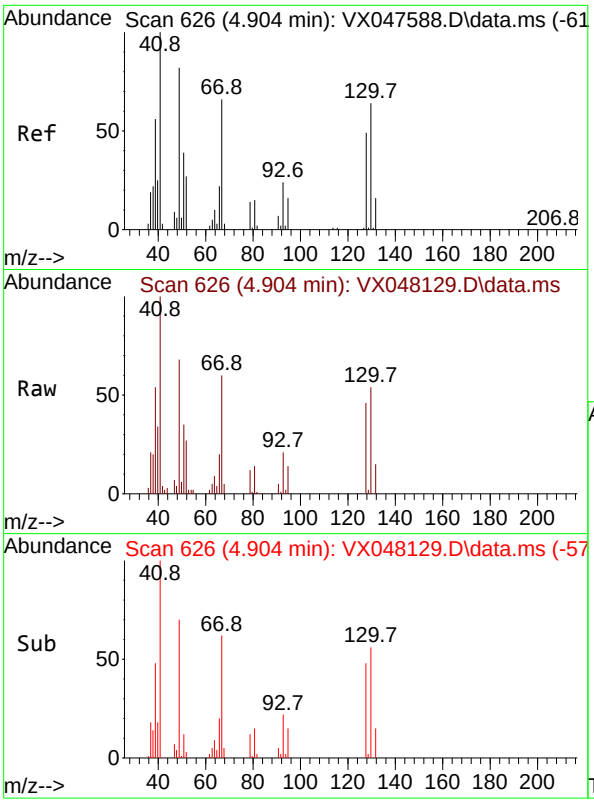


#40
Benzene
Concen: 19.804 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 78 Resp: 149106

Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.8	28.2



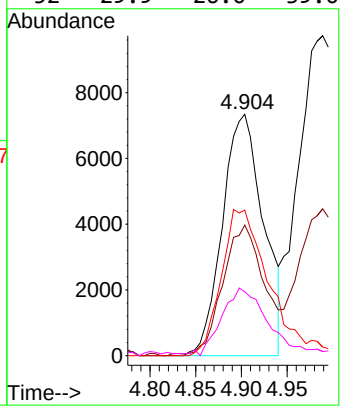


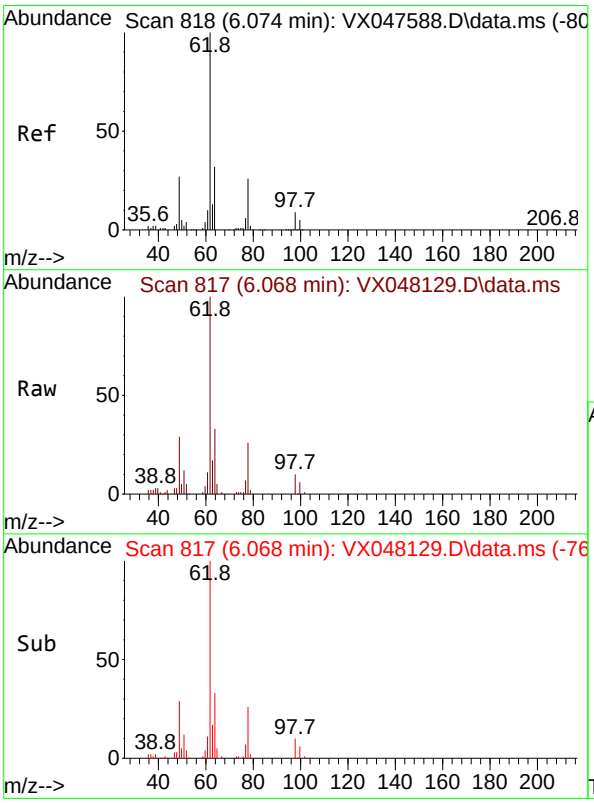
#41
Methacrylonitrile
Concen: 16.733 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 41 Resp: 22929

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

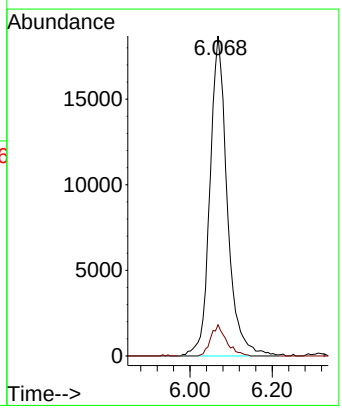


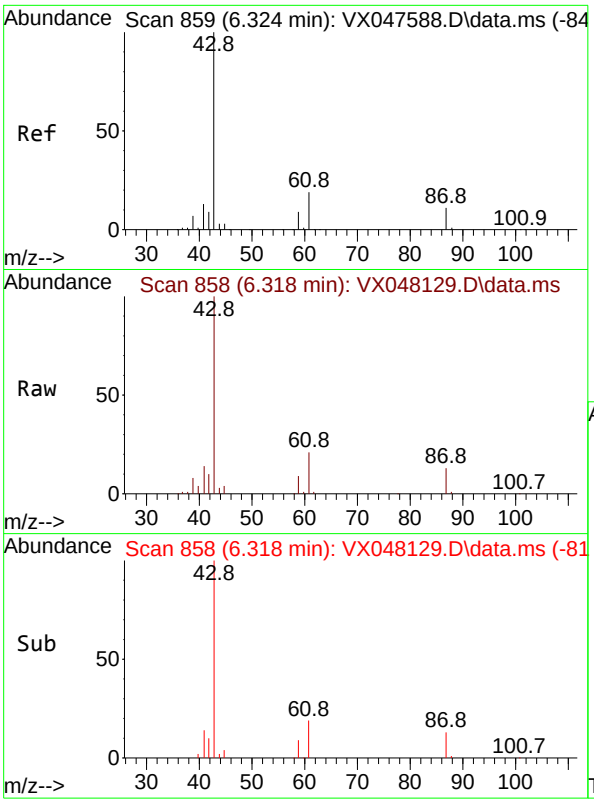


#42
1,2-Dichloroethane
Concen: 19.138 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 62 Resp: 54826

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0



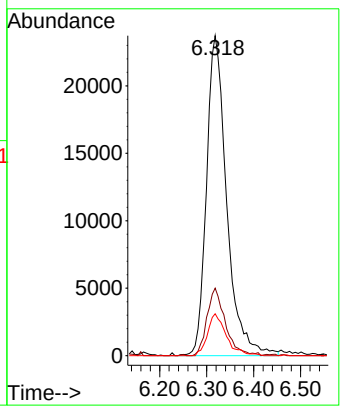


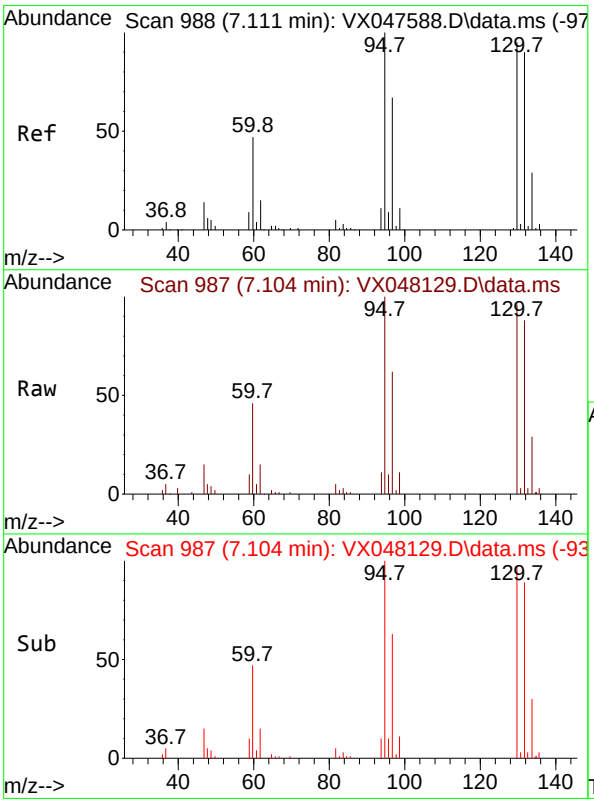
#43
Isopropyl Acetate
Concen: 16.252 ug/l
RT: 6.318 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 43 Resp: 70749

Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.2	22.8
87	12.2	9.6	14.4

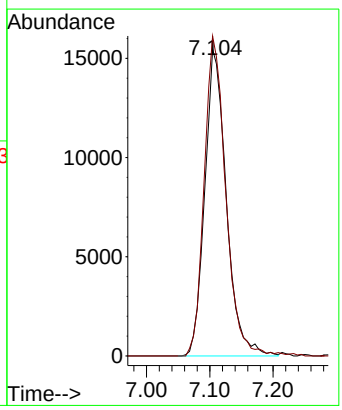


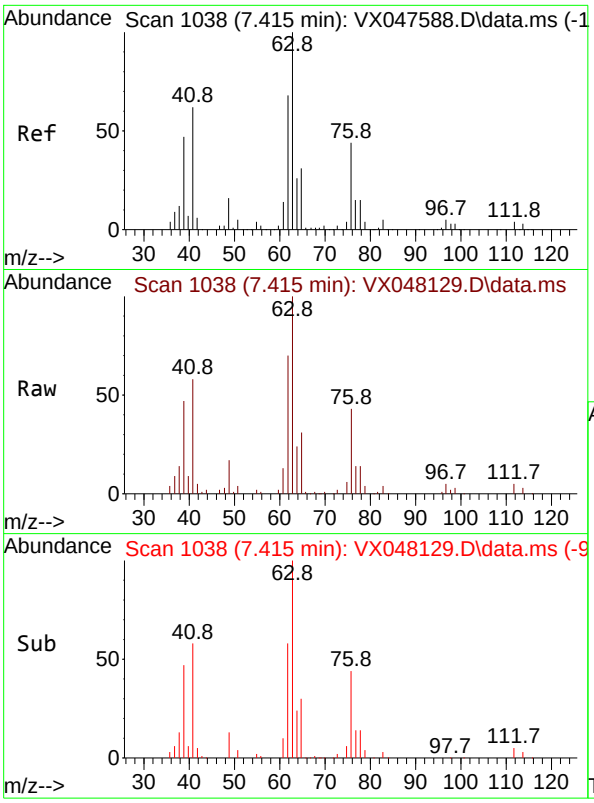


#44
Trichloroethene
Concen: 20.156 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:130 Resp: 36689

Ion	Ratio	Lower	Upper
130	100		
95	104.3	0.0	210.8



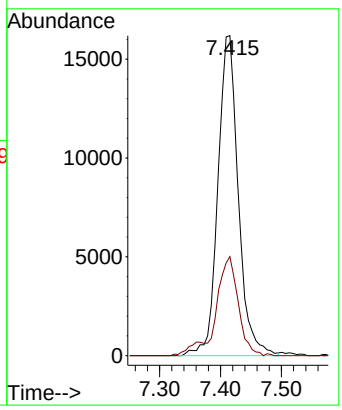


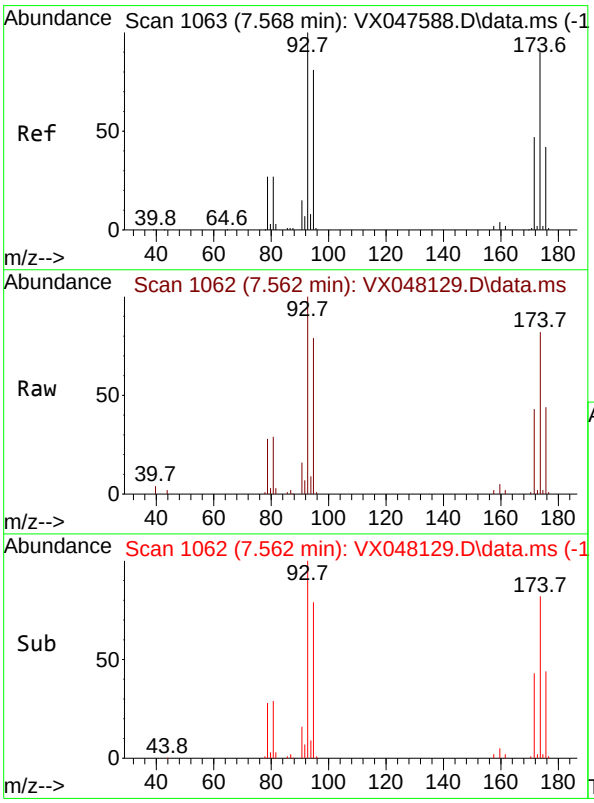
#45
1,2-Dichloropropane
Concen: 19.521 ug/l
RT: 7.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 63 Resp: 37635

Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.7	37.1

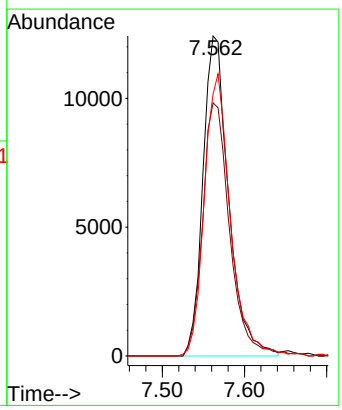


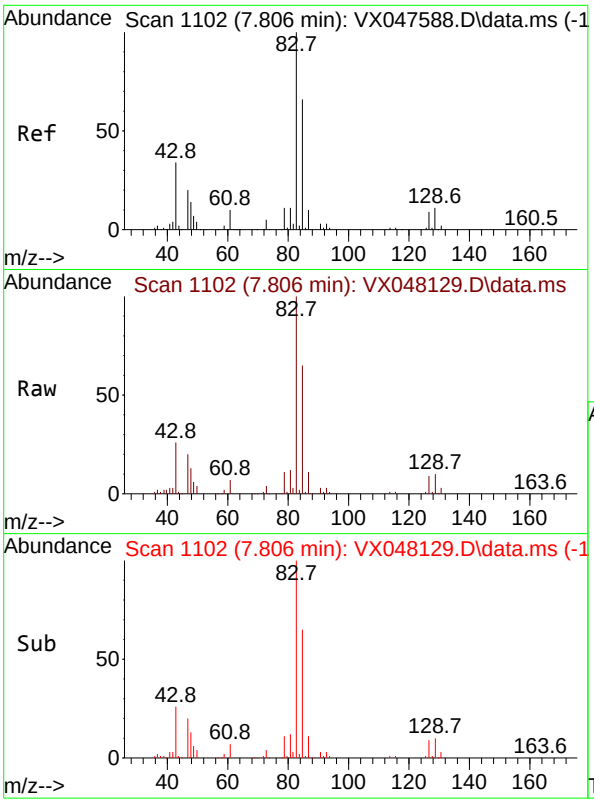


#46
Dibromomethane
Concen: 19.199 ug/l
RT: 7.562 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



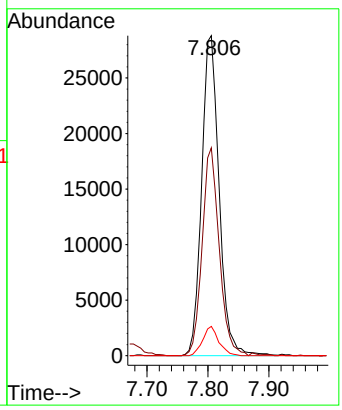


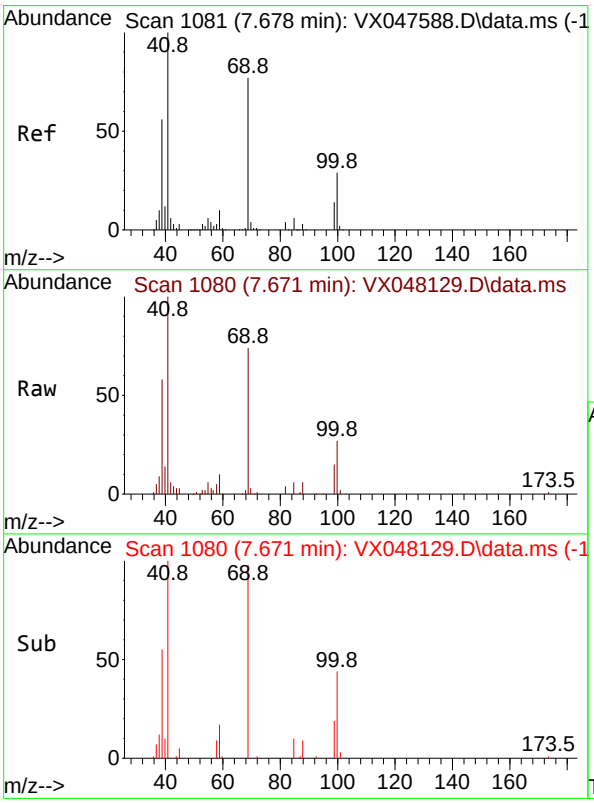
#47
Bromodichloromethane
Concen: 19.842 ug/l
RT: 7.806 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 83 Resp: 57444

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.5	78.7
127	9.1	6.9	10.3

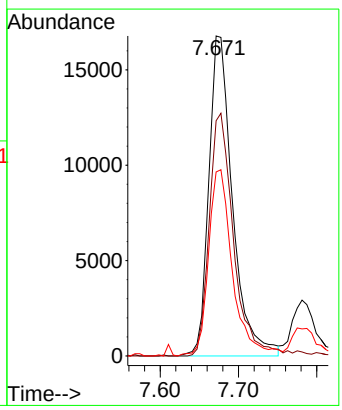


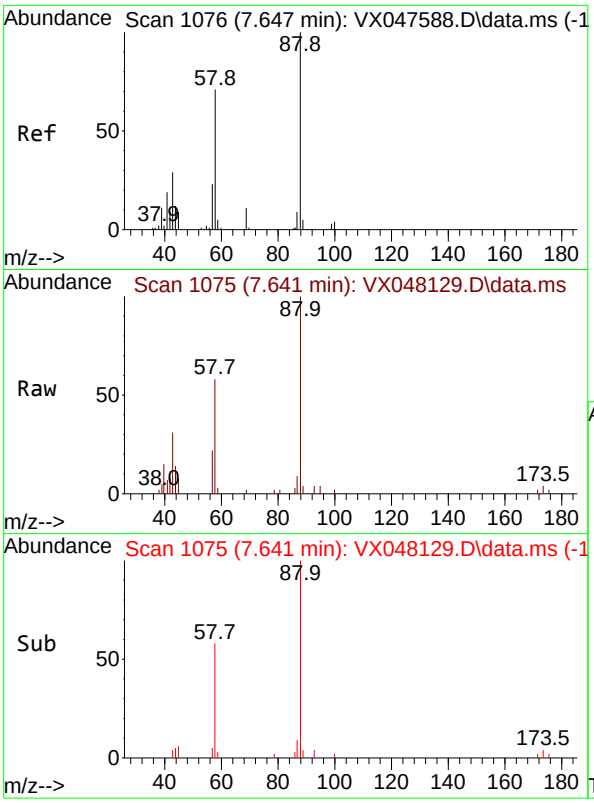


#48
Methyl methacrylate
Concen: 16.298 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



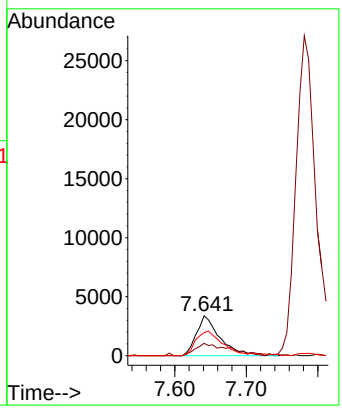


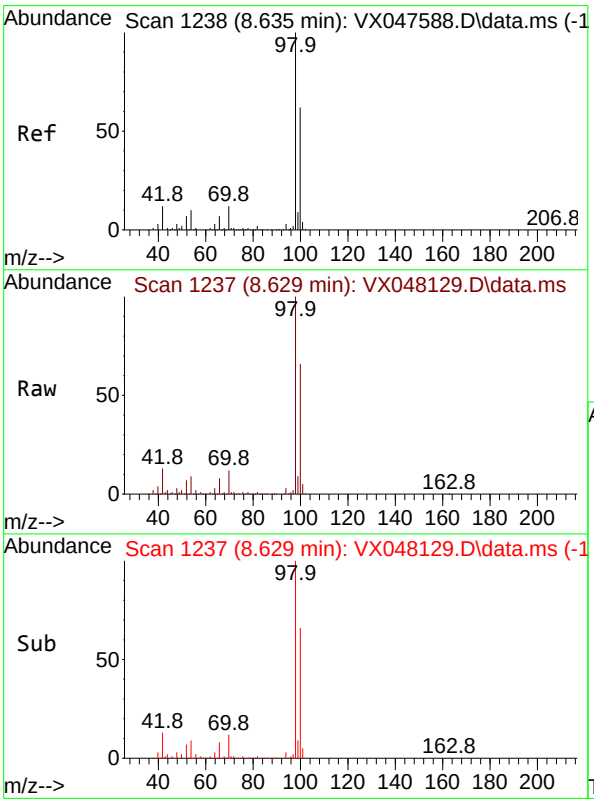
#49
1,4-Dioxane
Concen: 354.348 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 88 Resp: 7765

Ion	Ratio	Lower	Upper
88	100		
43	42.6	30.2	45.2
58	68.0	59.5	89.3

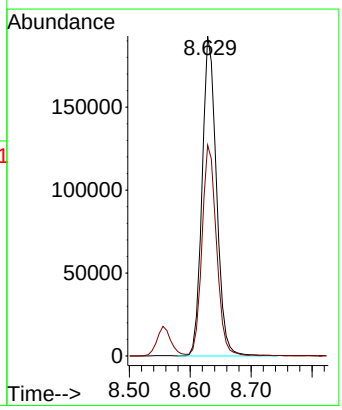


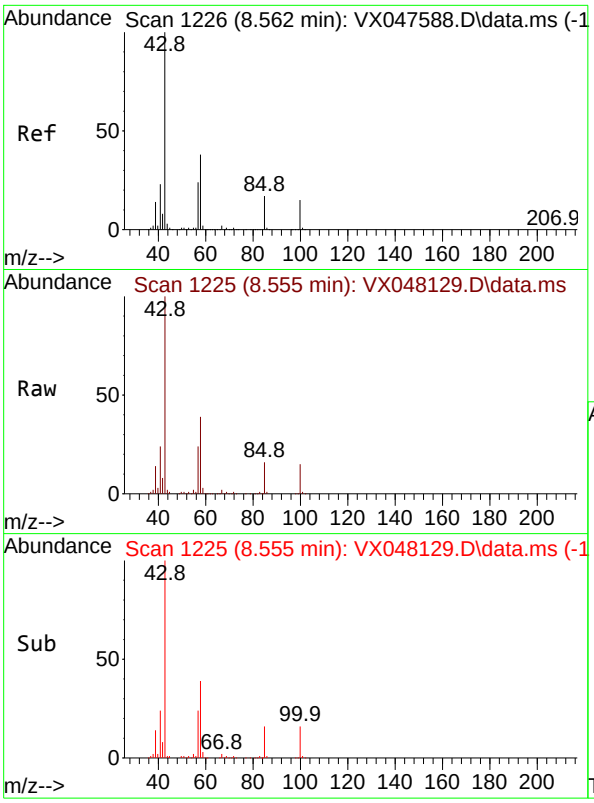


#50
Toluene-d8
Concen: 53.852 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 98 Resp: 316122

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4



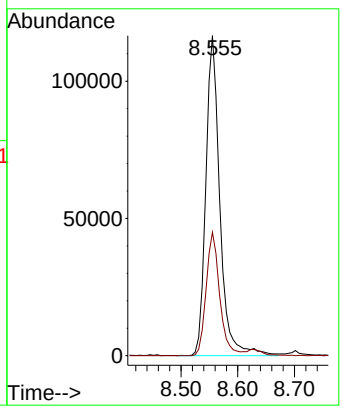


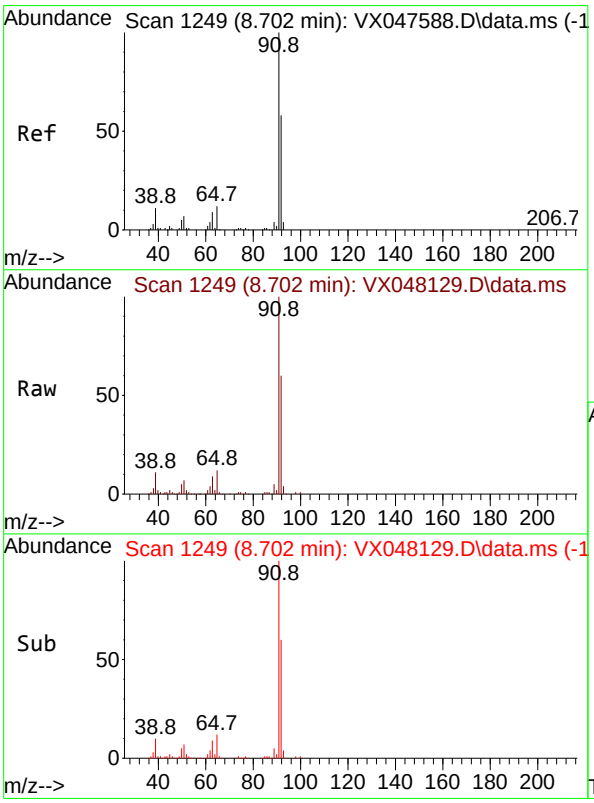
#51
4-Methyl-2-Pentanone
Concen: 83.089 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 43 Resp: 200541

Ion	Ratio	Lower	Upper
43	100		
58	37.1	30.3	45.5

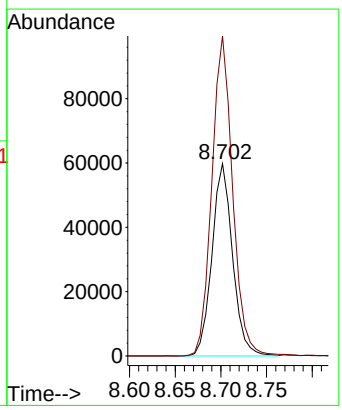


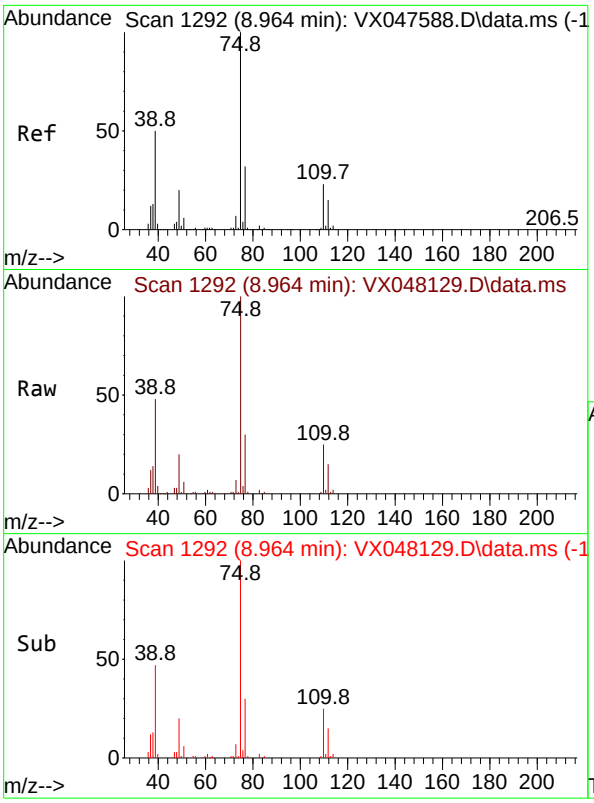


#52
Toluene
Concen: 20.193 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 92 Resp: 93668

Ion	Ratio	Lower	Upper
92	100		
91	168.4	137.1	205.7



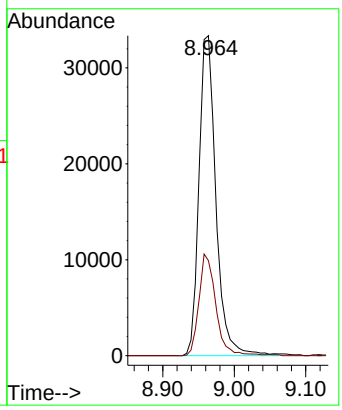


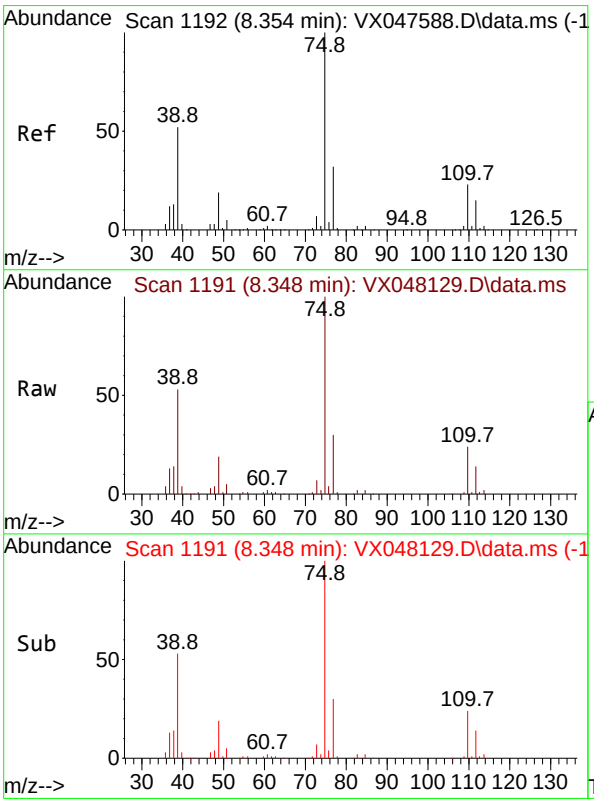
#53
t-1,3-Dichloropropene
Concen: 18.602 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 75 Resp: 54932

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.4	38.2

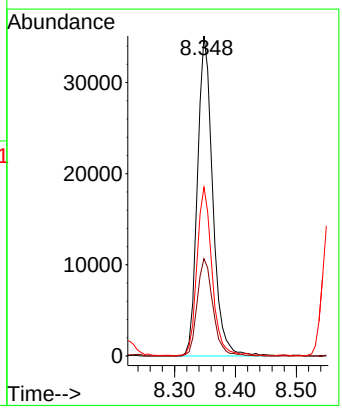


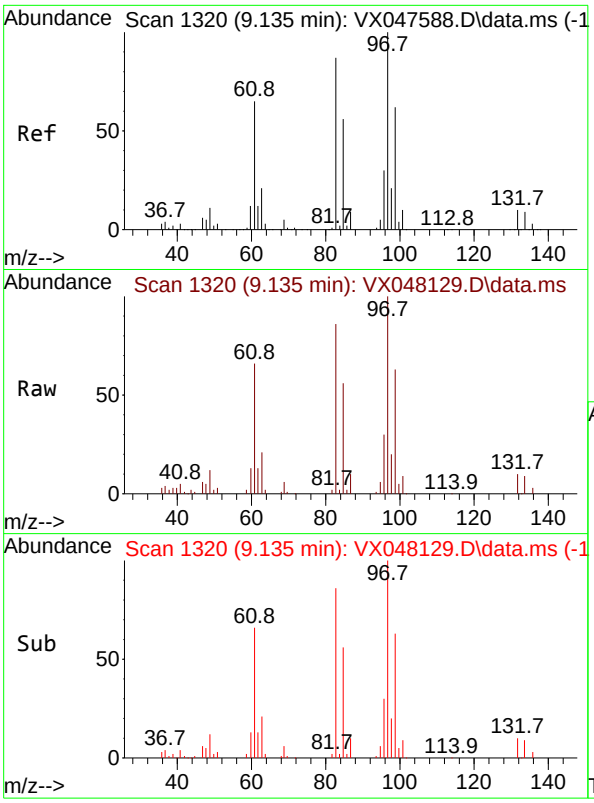


#54
cis-1,3-Dichloropropene
Concen: 19.371 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



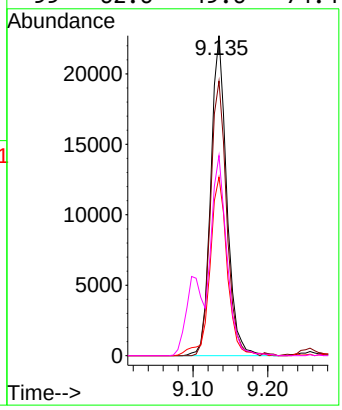


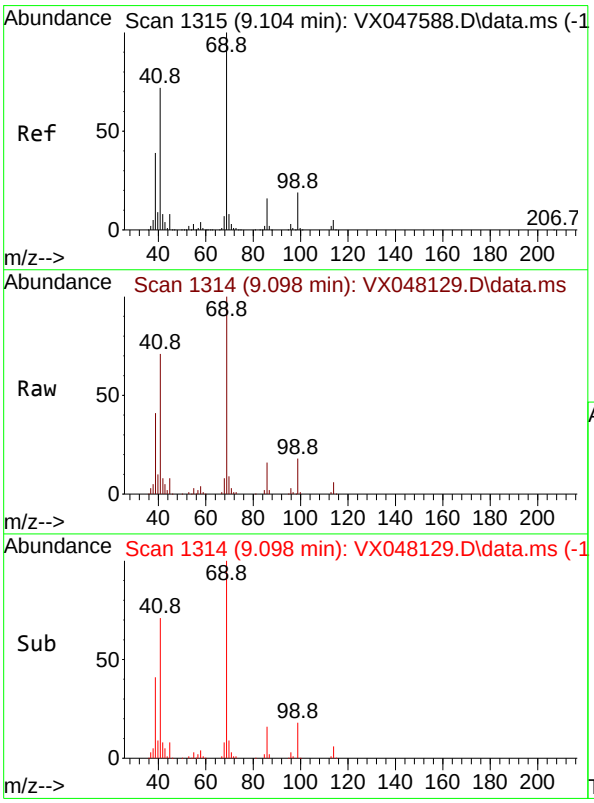
#55
1,1,2-Trichloroethane
Concen: 18.940 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 97 Resp: 33878

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

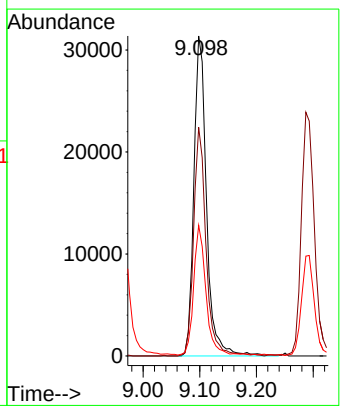


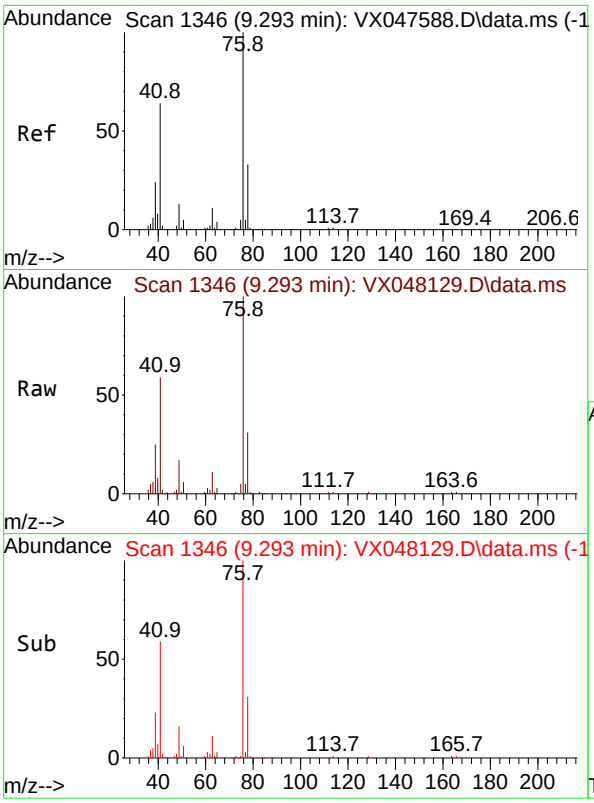


#56
Ethyl methacrylate
Concen: 17.284 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



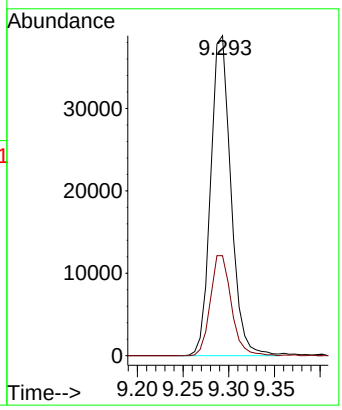


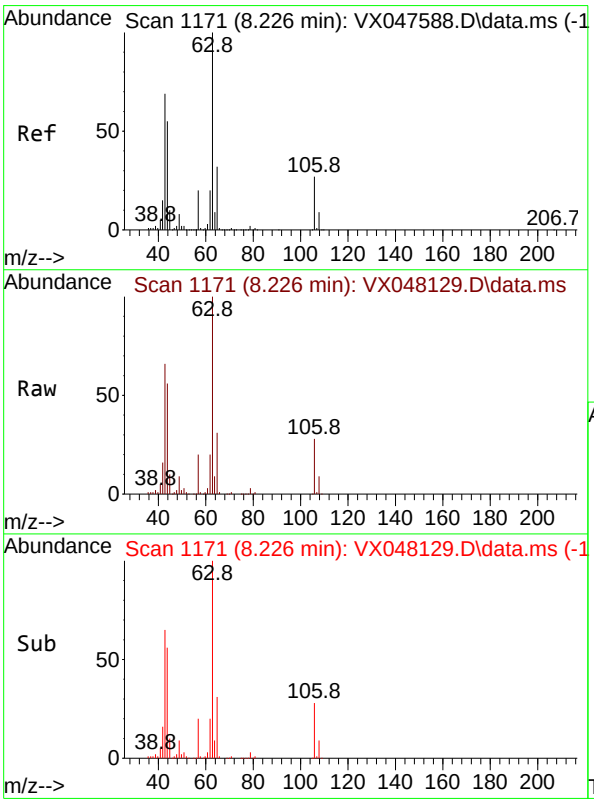
#57
1,3-Dichloropropane
Concen: 19.491 ug/l
RT: 9.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 76 Resp: 59890

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.2	39.4

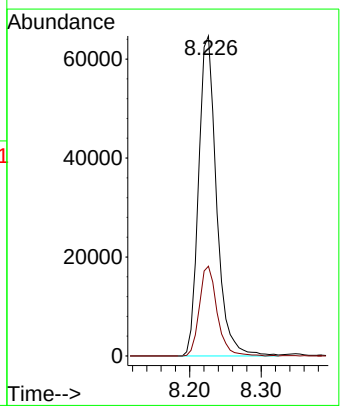


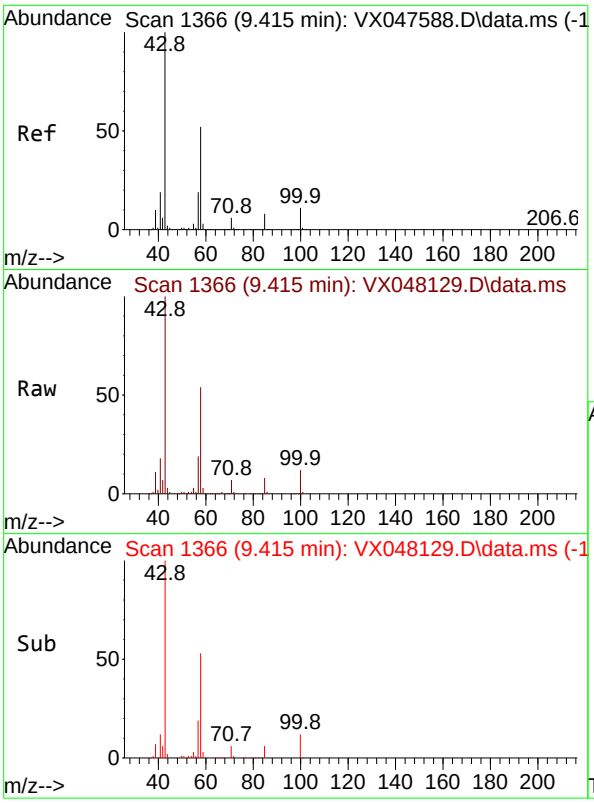


#58
2-Chloroethyl Vinyl ether
Concen: 91.363 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 63 Resp: 112855

Ion	Ratio	Lower	Upper
63	100		
106	27.7	21.9	32.9



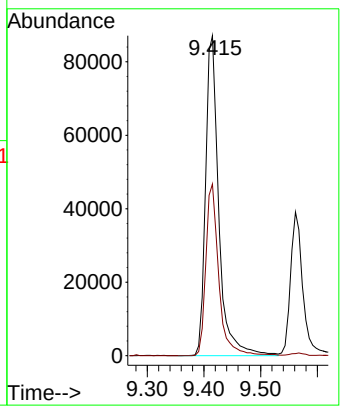


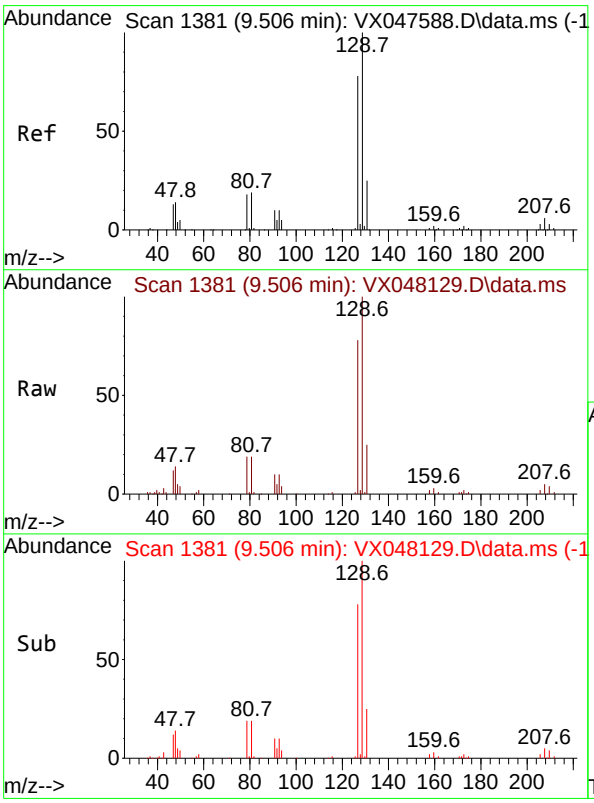
#59
2-Hexanone
Concen: 81.242 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 43 Resp: 140828

Ion	Ratio	Lower	Upper
43	100		
58	52.8	26.1	78.2

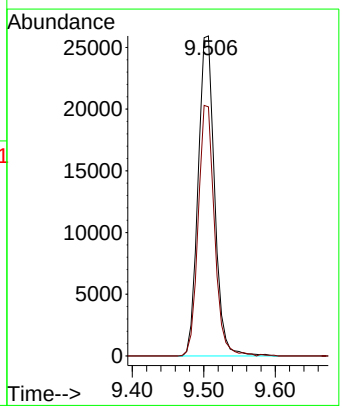


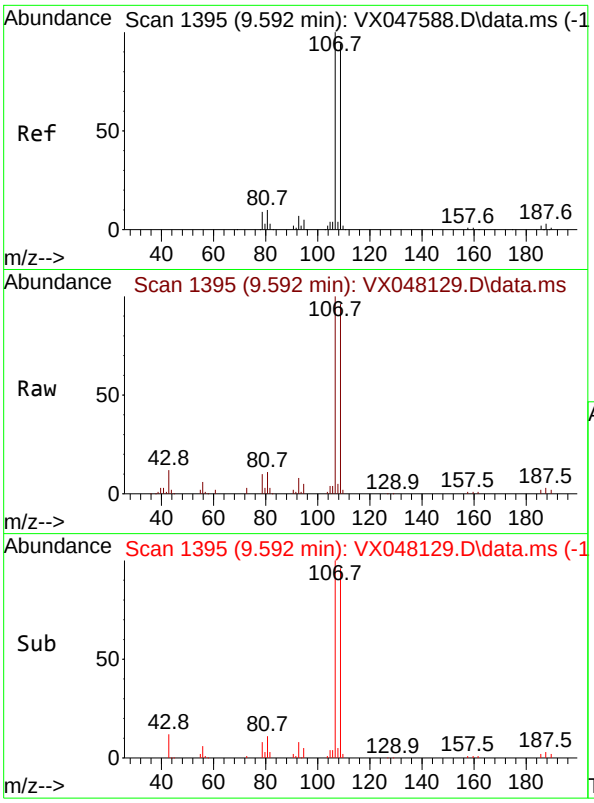


#60
Dibromochloromethane
Concen: 20.123 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:129 Resp: 41473

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.4	115.2



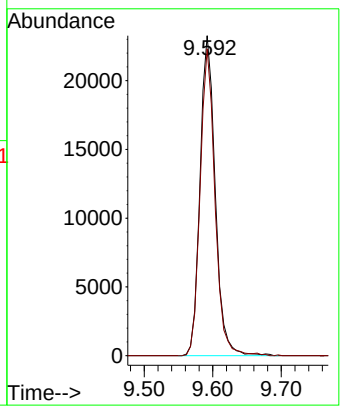


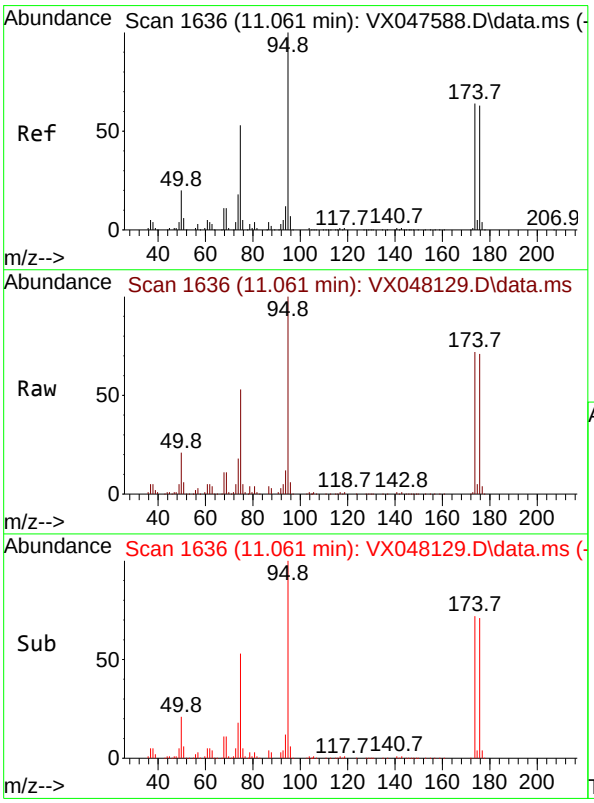
#61
1,2-Dibromoethane
Concen: 19.726 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:107 Resp: 35938

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.3	112.9

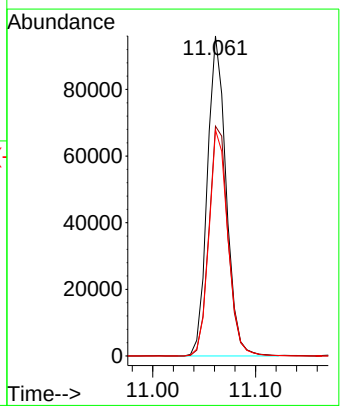


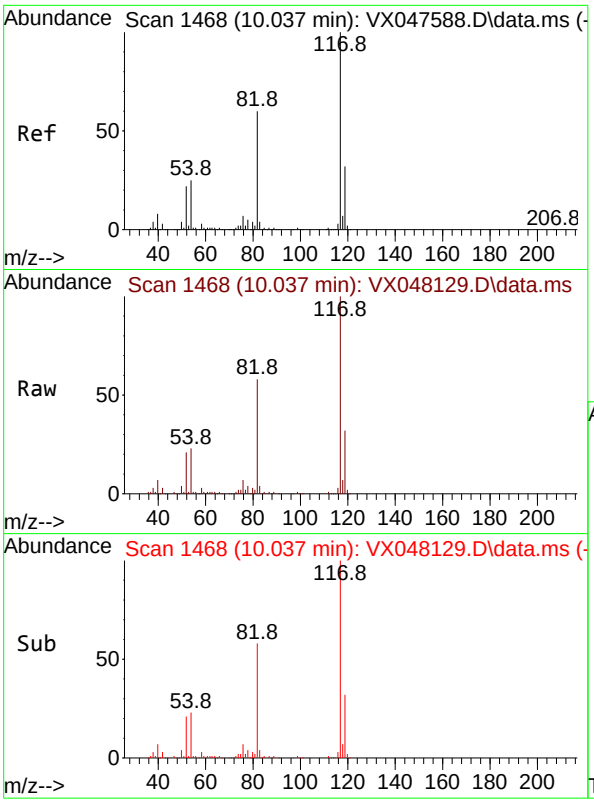


#62
4-Bromofluorobenzene
Concen: 54.774 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



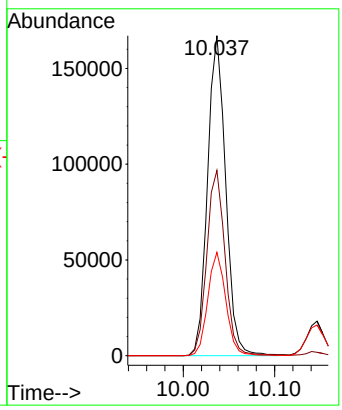


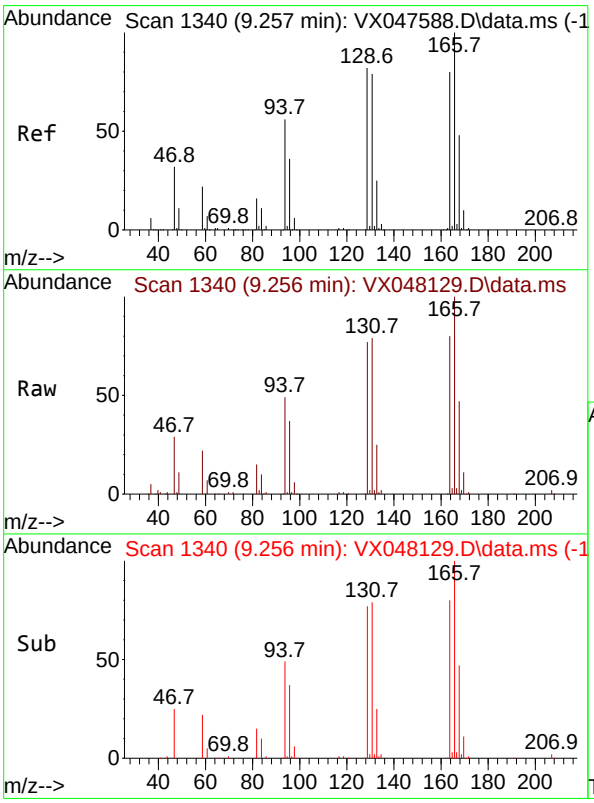
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:117 Resp: 229883

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

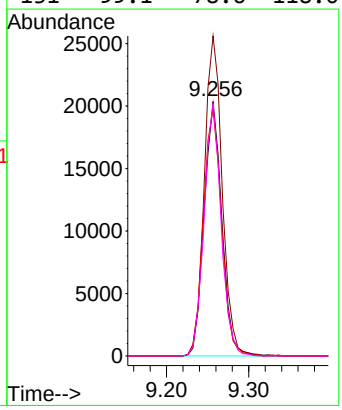


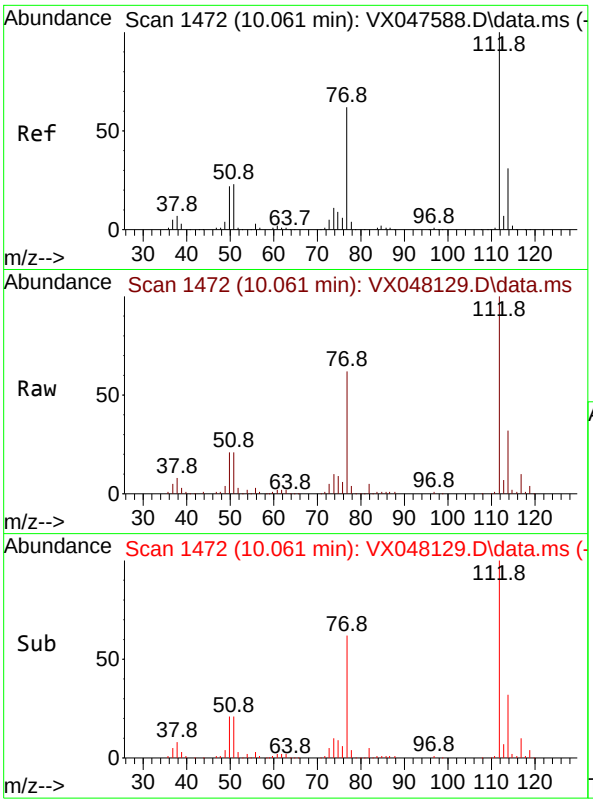


#64
Tetrachloroethene
Concen: 20.436 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



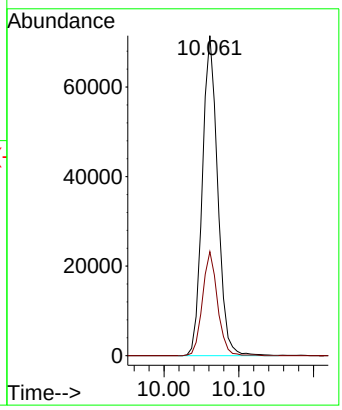


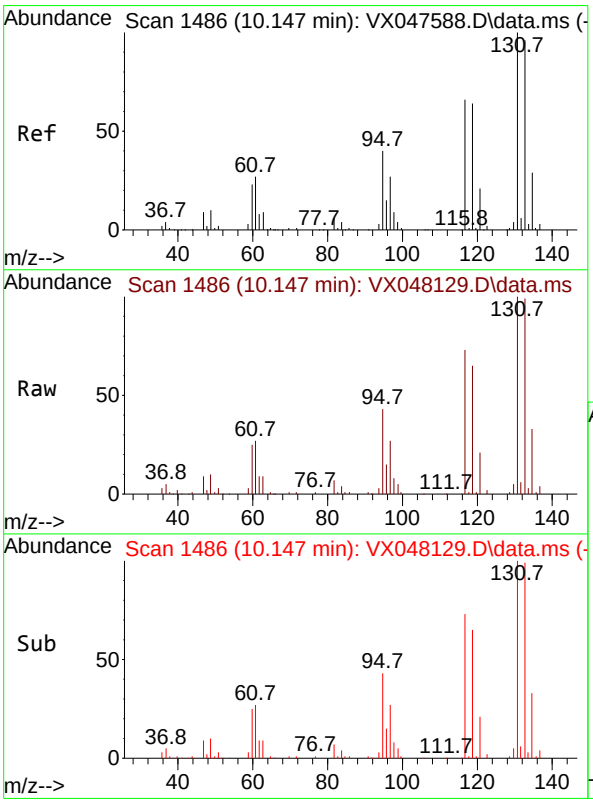
#65
Chlorobenzene
Concen: 19.501 ug/l
RT: 10.061 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:112 Resp: 101845

Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.1	37.7

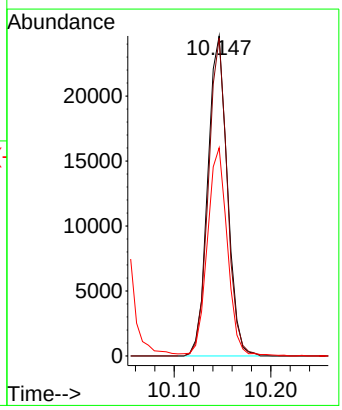


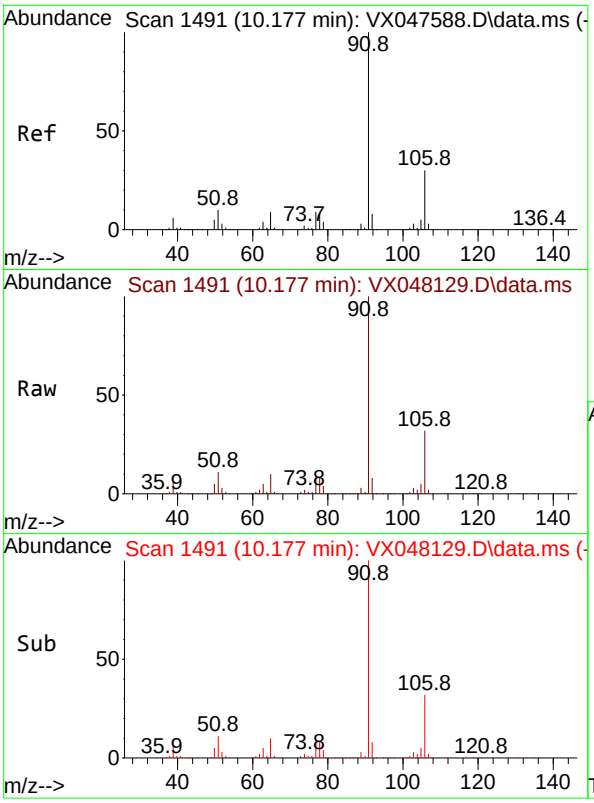


#66
1,1,1,2-Tetrachloroethane
Concen: 19.163 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



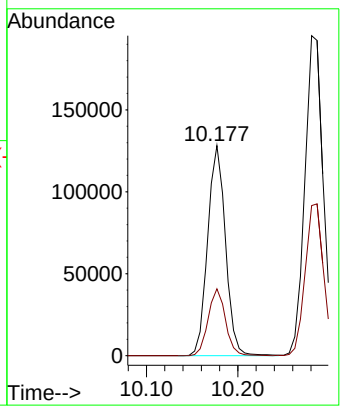


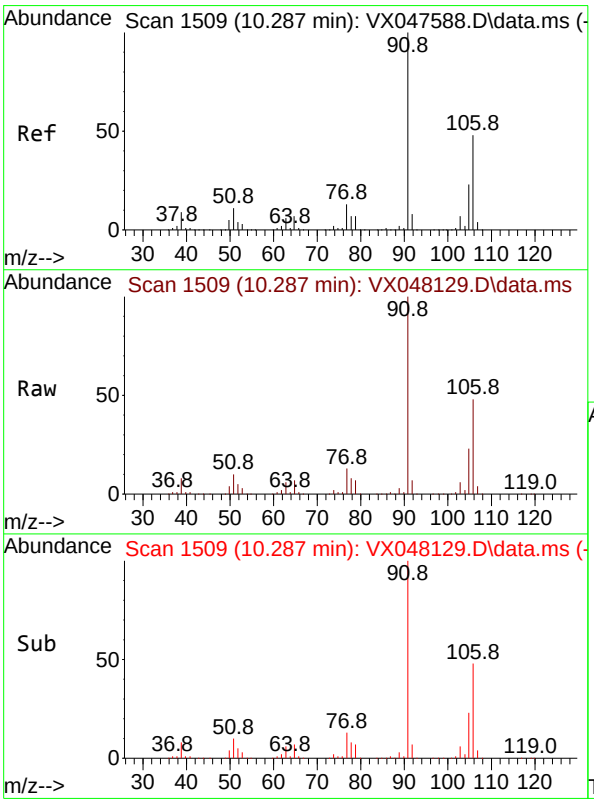
#67
Ethyl Benzene
Concen: 19.238 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 91 Resp: 173357

Ion	Ratio	Lower	Upper
91	100		
106	31.8	24.3	36.5

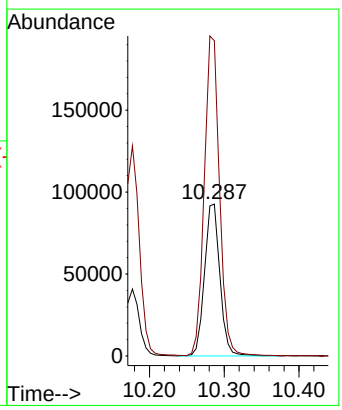


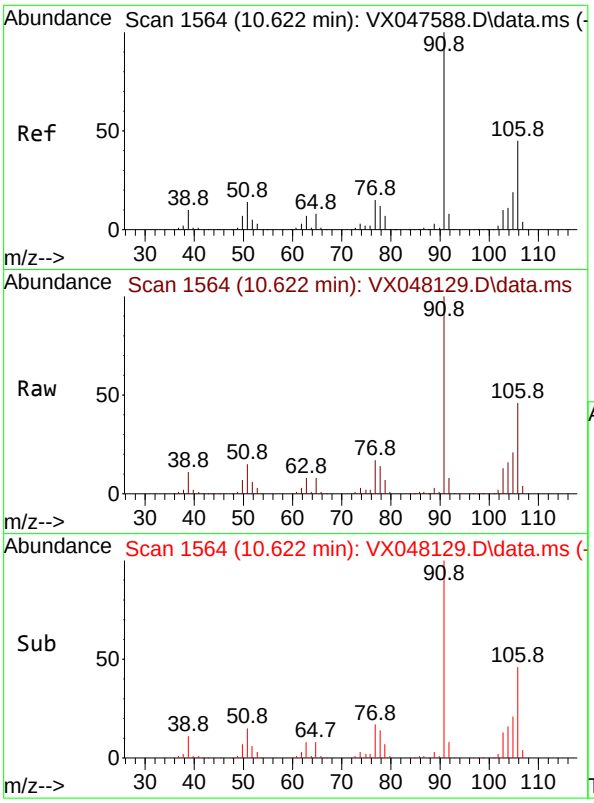


#68
m/p-Xylenes
Concen: 39.436 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:106 Resp: 132267

Ion	Ratio	Lower	Upper
106	100		
91	209.0	167.8	251.8



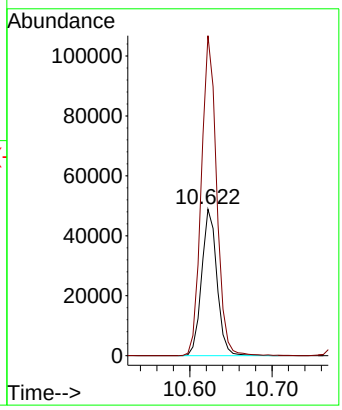


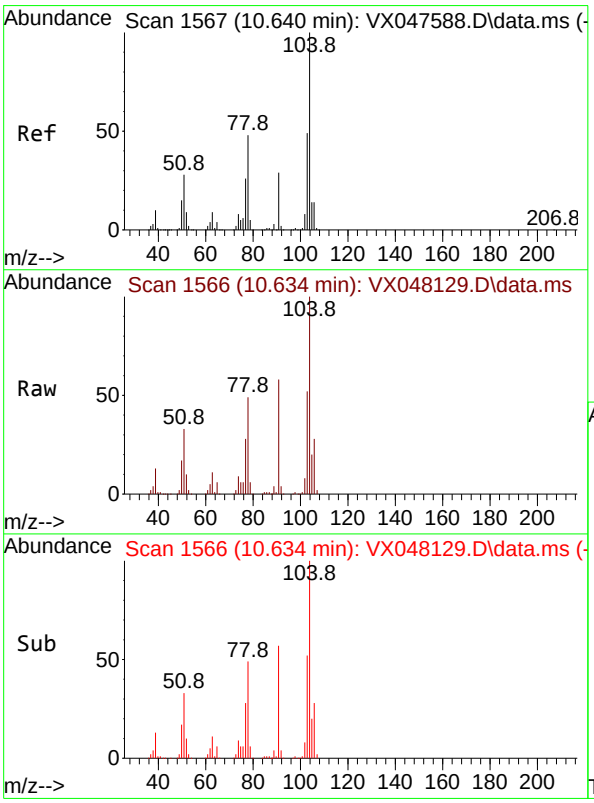
#69
o-Xylene
Concen: 19.418 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:106 Resp: 62993

Ion	Ratio	Lower	Upper
106	100		
91	219.4	111.1	333.4

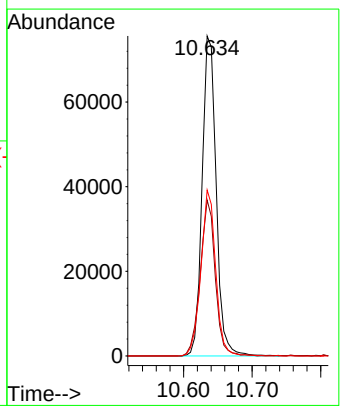


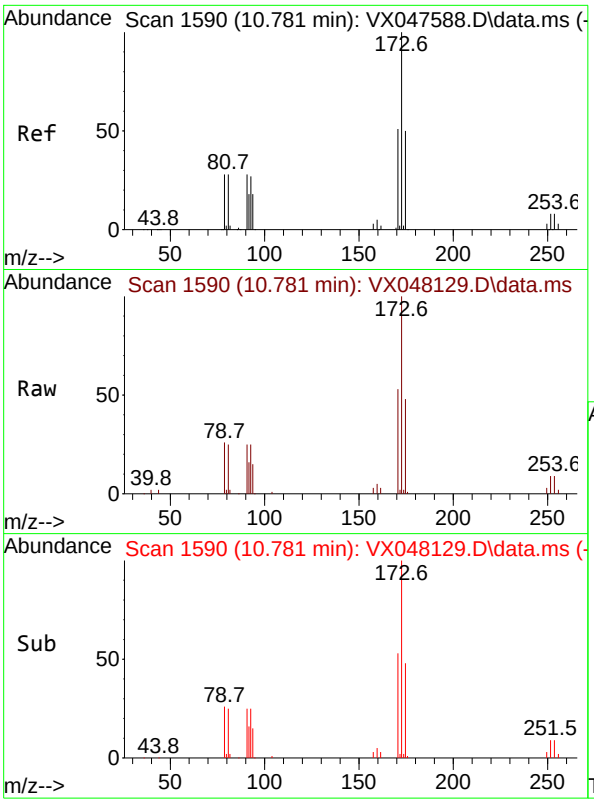


#70
Styrene
Concen: 19.029 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



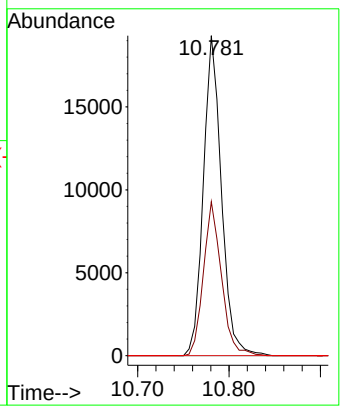


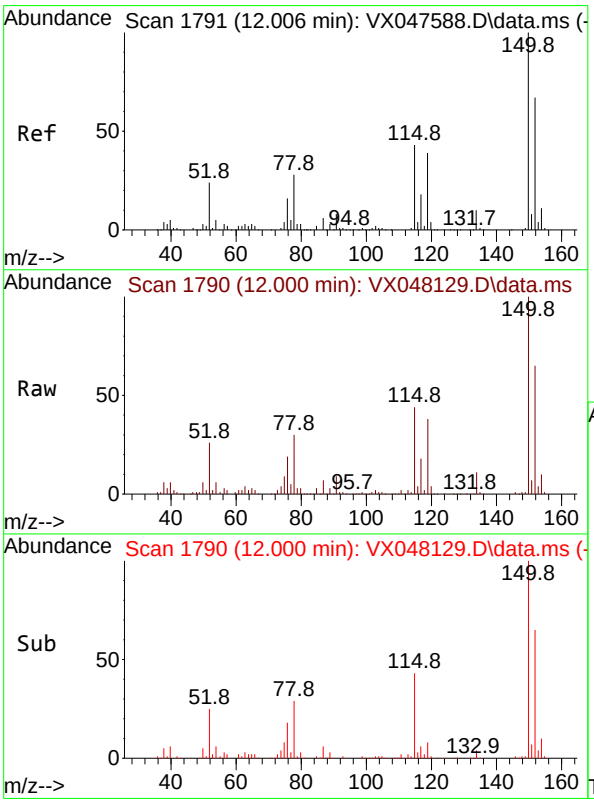
#71
Bromoform
Concen: 19.639 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:173 Resp: 26427

Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.9	74.6
254	0.0	0.1	0.1#

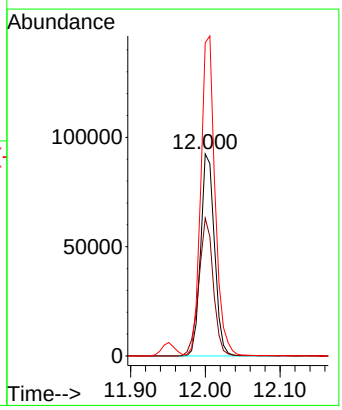


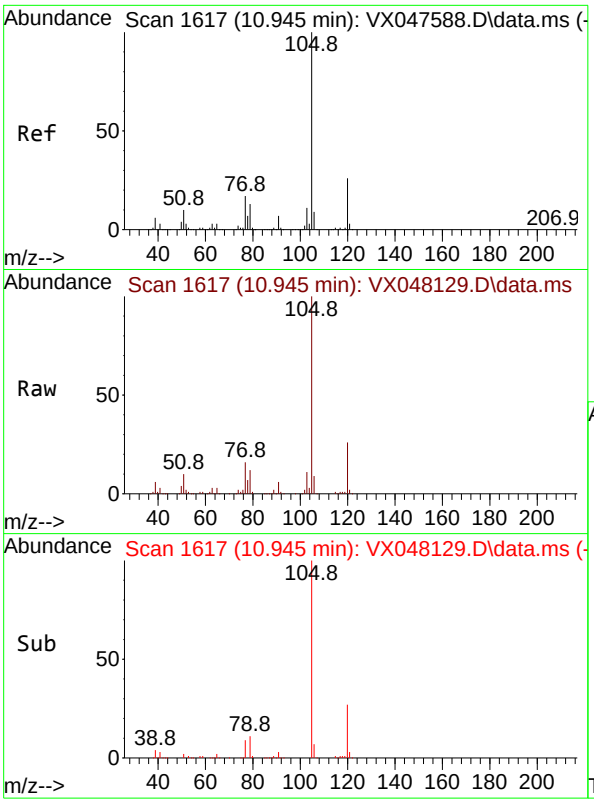


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



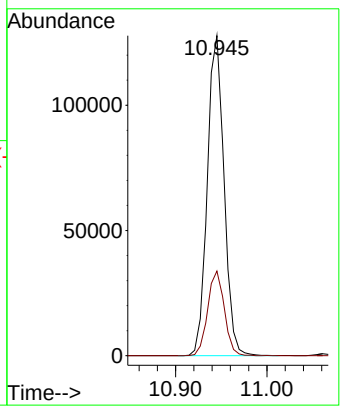


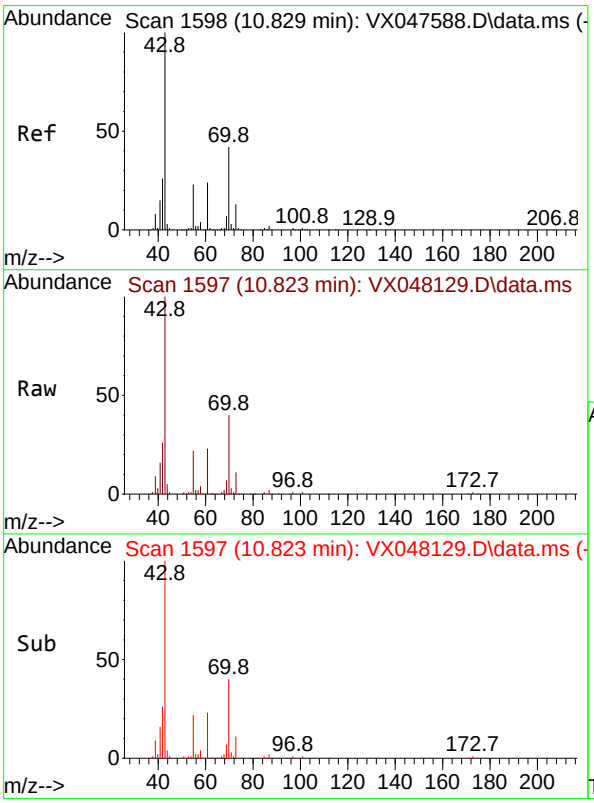
#73
Isopropylbenzene
Concen: 17.970 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:105 Resp: 162619

Ion	Ratio	Lower	Upper
105	100		
120	26.3	12.8	38.4

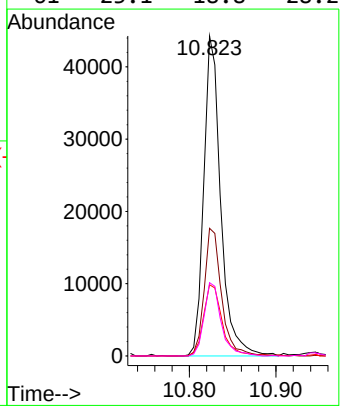


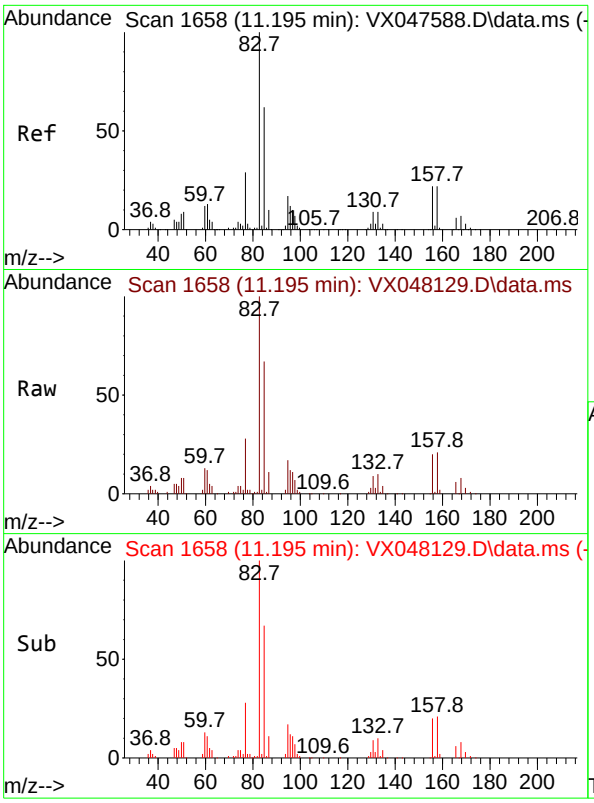


#74
N-amyl acetate
Concen: 14.613 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



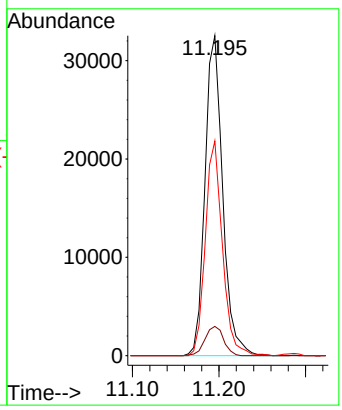


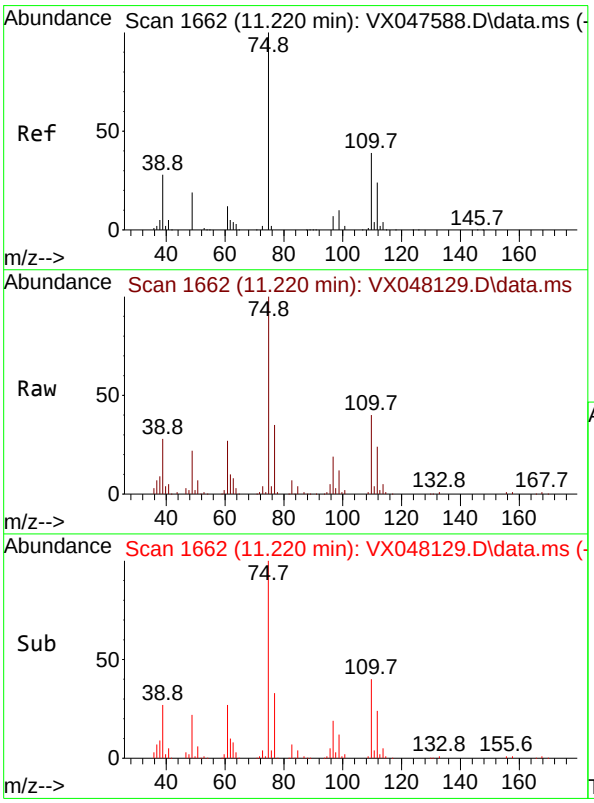
#75
1,1,2,2-Tetrachloroethane
Concen: 16.865 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 83 Resp: 46175

Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.0	14.9
85	64.9	31.6	95.0

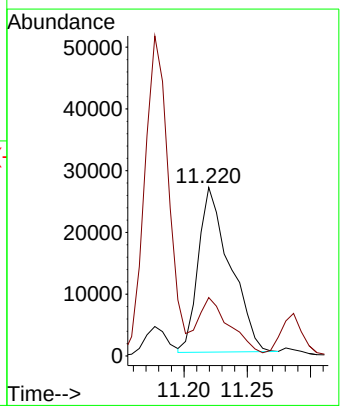


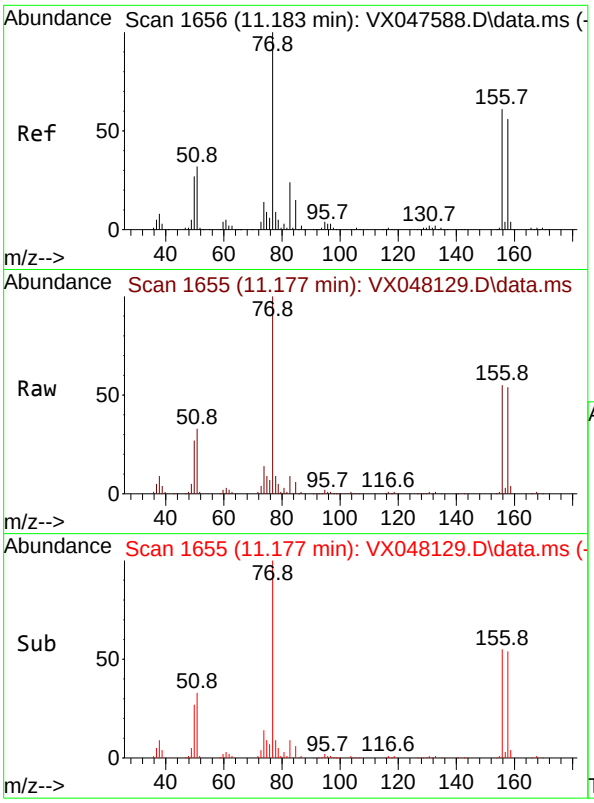


#76
1,2,3-Trichloropropane
Concen: 19.383 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 75 Resp: 46713

Ion	Ratio	Lower	Upper
75	100		
77	32.9	18.8	56.4



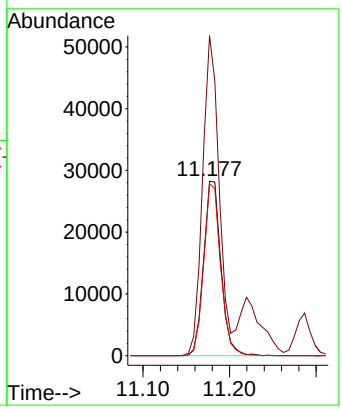


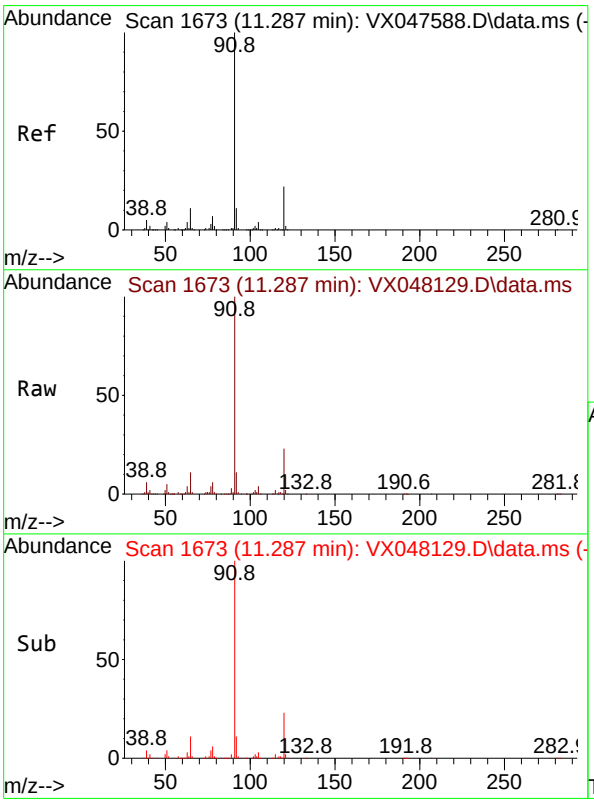
#77
Bromobenzene
Concen: 17.613 ug/l
RT: 11.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:156 Resp: 39258

Ion	Ratio	Lower	Upper
156	100		
77	174.0	89.7	269.1
158	96.5	47.9	143.6

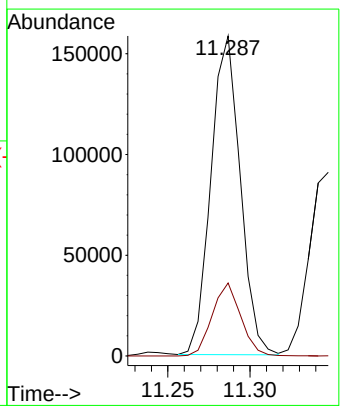


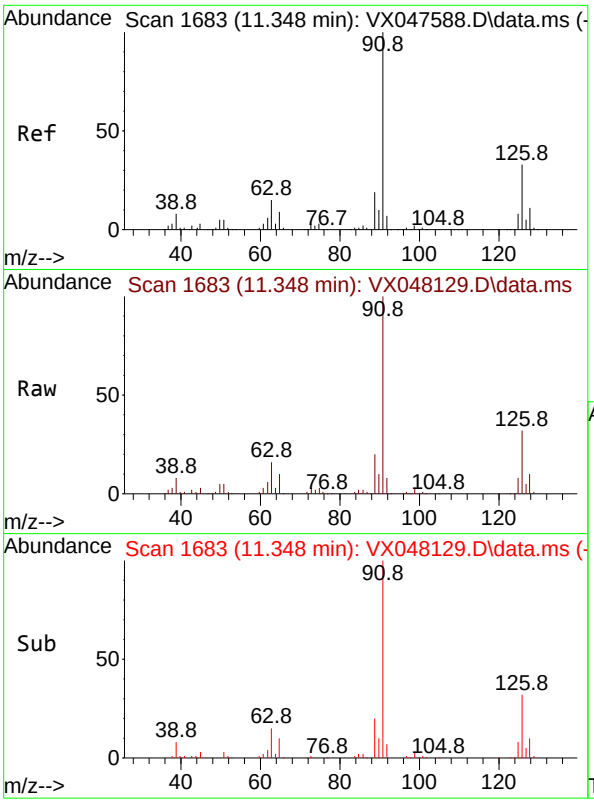


#78
n-propylbenzene
Concen: 18.373 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 91 Resp: 196547

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1



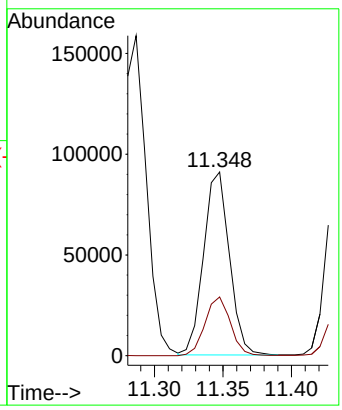


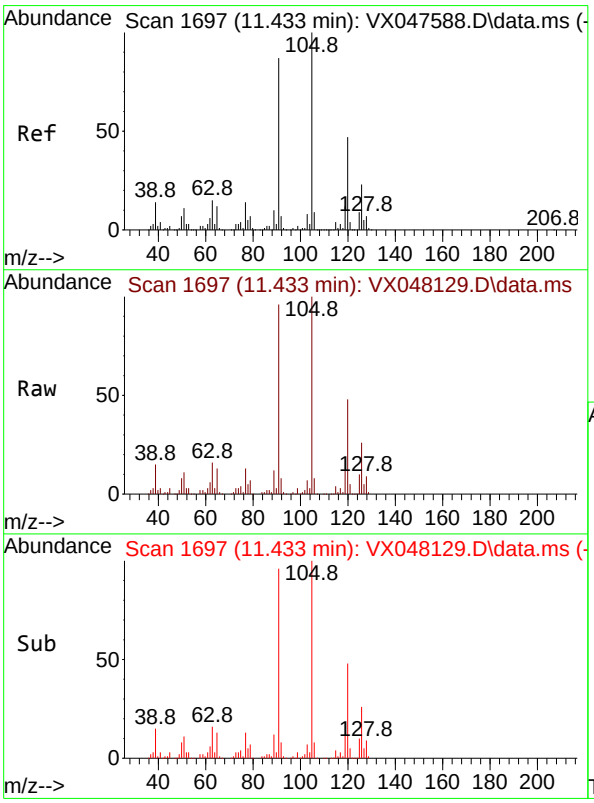
#79
2-Chlorotoluene
Concen: 18.167 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 91 Resp: 119031

Ion	Ratio	Lower	Upper
91	100		
126	31.6	16.1	48.3

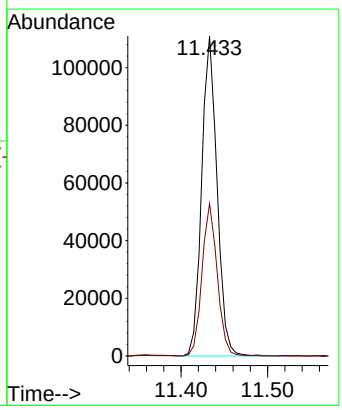


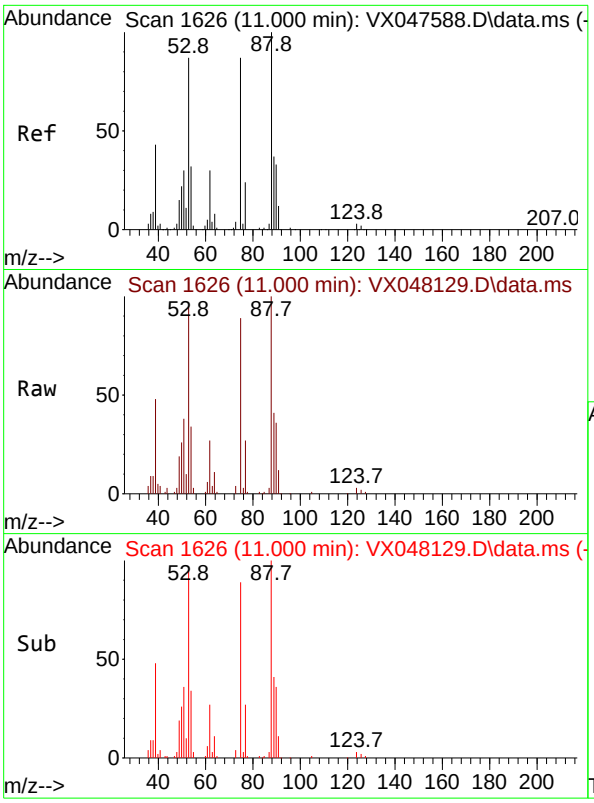


#80
1,3,5-Trimethylbenzene
Concen: 18.364 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:105 Resp: 136540

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.6	70.8



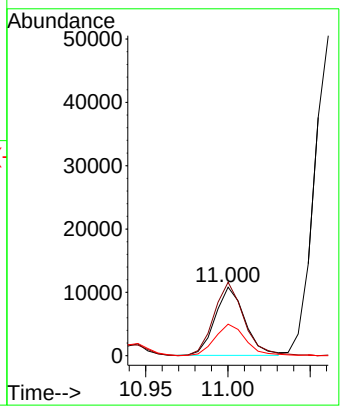


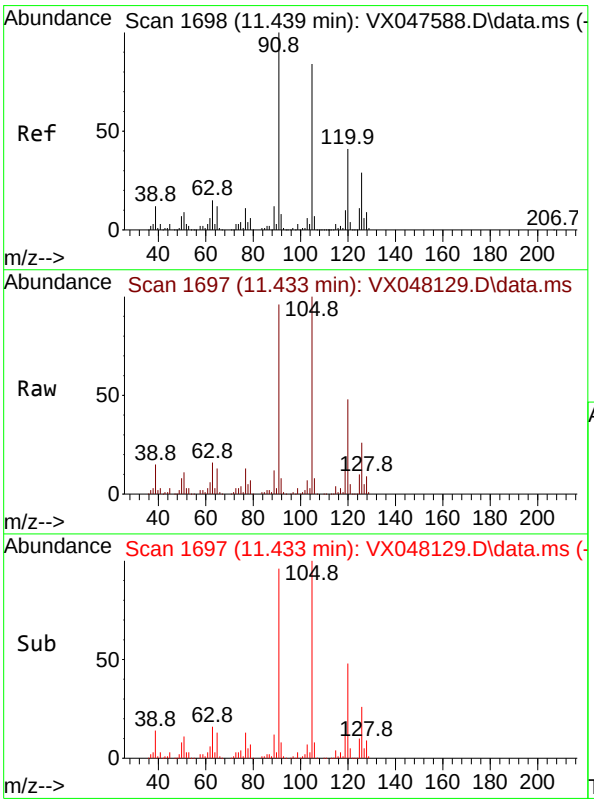
#81
trans-1,4-Dichloro-2-butene
Concen: 14.315 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 75 Resp: 13529

Ion	Ratio	Lower	Upper
75	100		
53	108.8	83.4	125.2
89	48.7	36.3	54.5

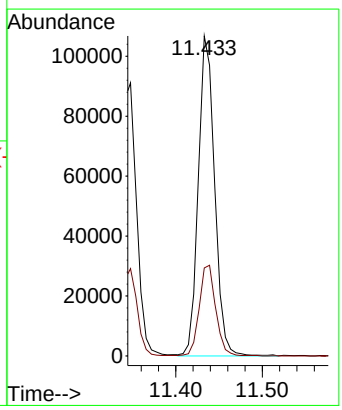


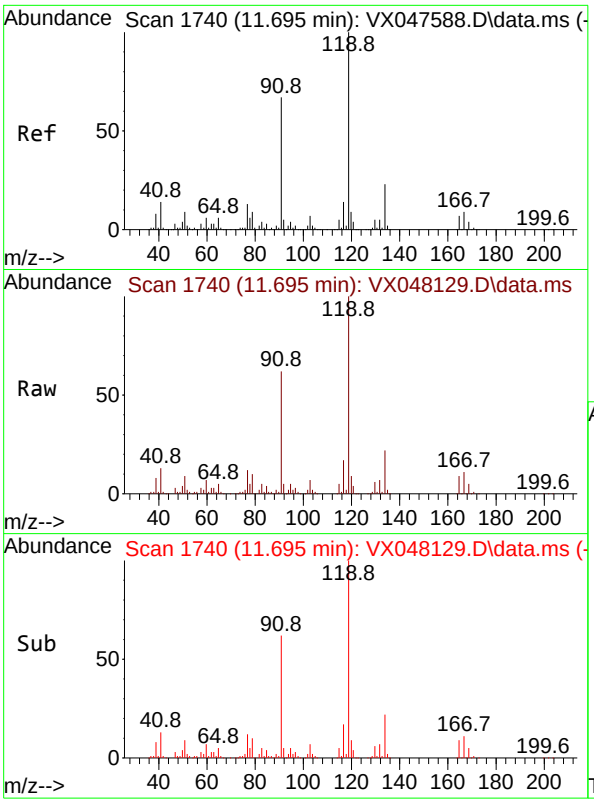


#82
4-Chlorotoluene
Concen: 18.095 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion: 91 Resp: 140028

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6



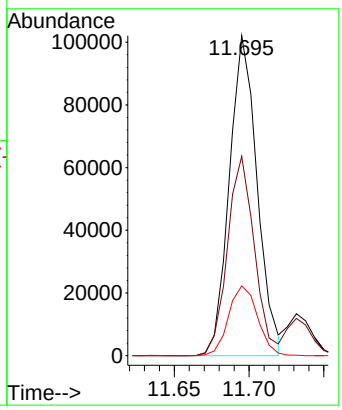


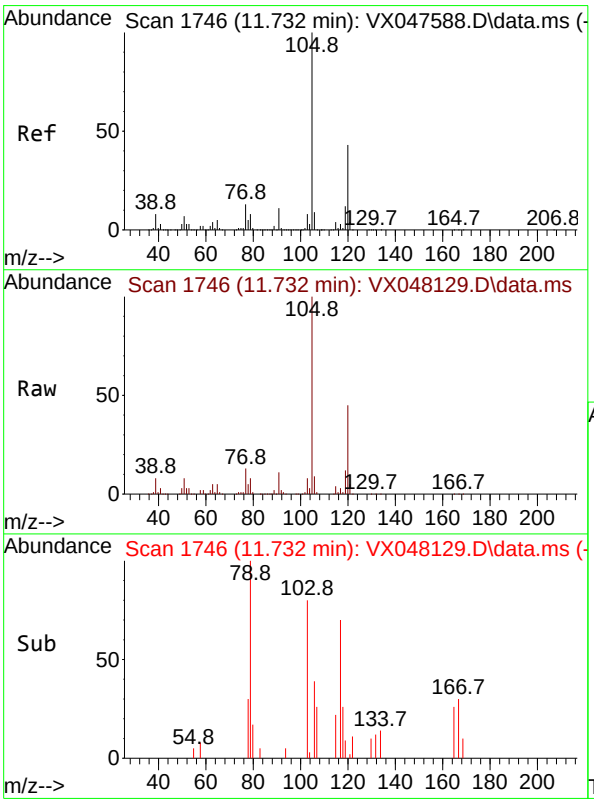
#83
tert-Butylbenzene
Concen: 17.336 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:119 Resp: 131943

Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.6	88.8
134	22.7	11.0	33.0

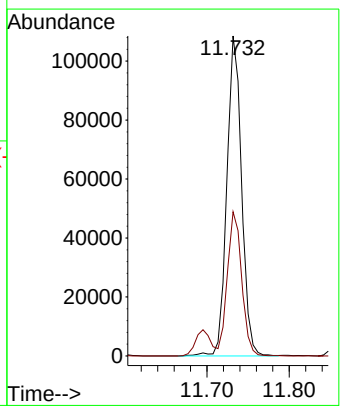


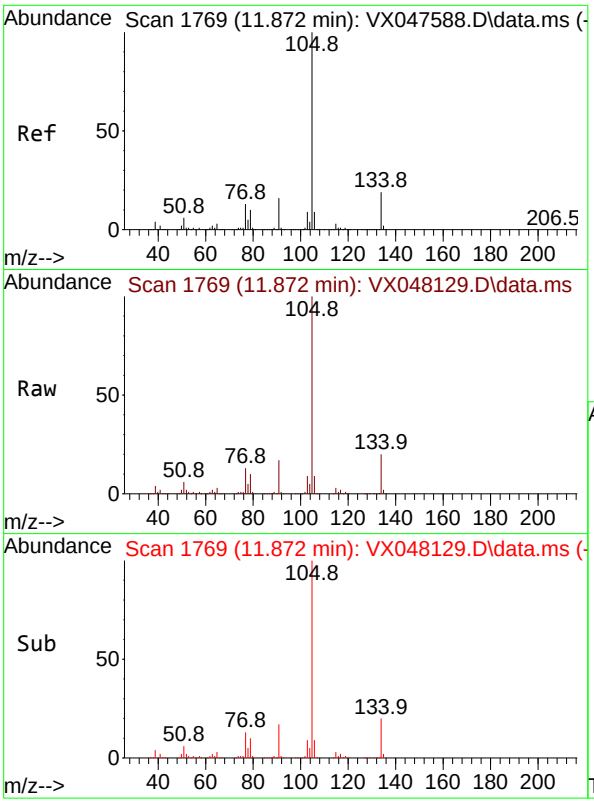


#84
1,2,4-Trimethylbenzene
Concen: 17.994 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:105 Resp: 135638

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.1



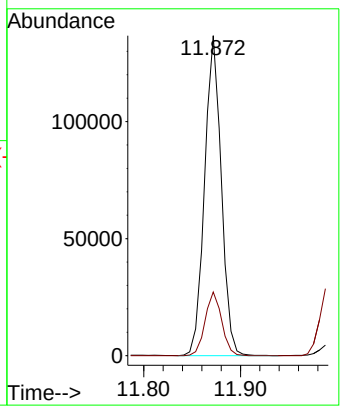


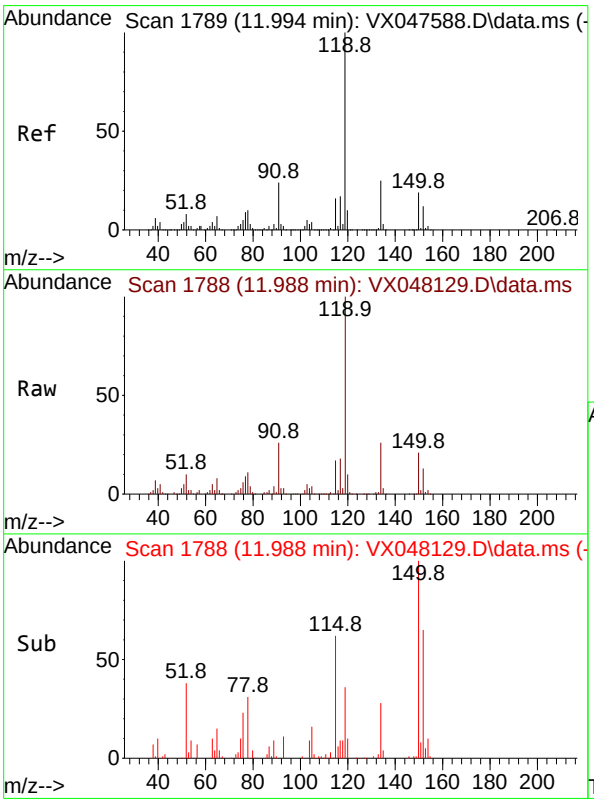
#85
sec-Butylbenzene
Concen: 18.173 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:105 Resp: 164291

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5

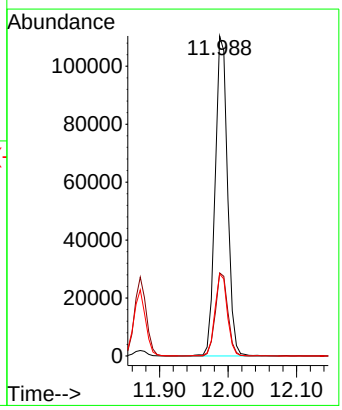


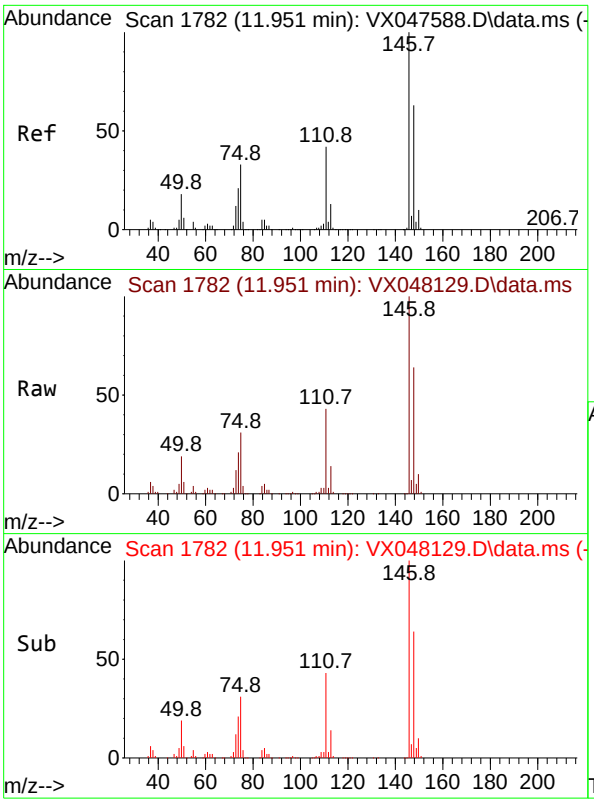


#86
p-Isopropyltoluene
Concen: 18.102 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



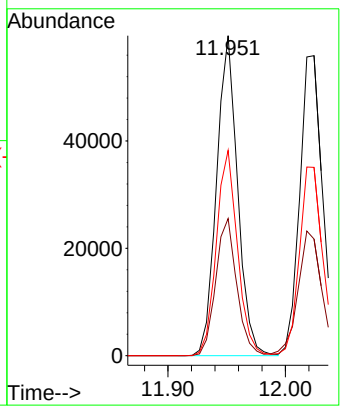


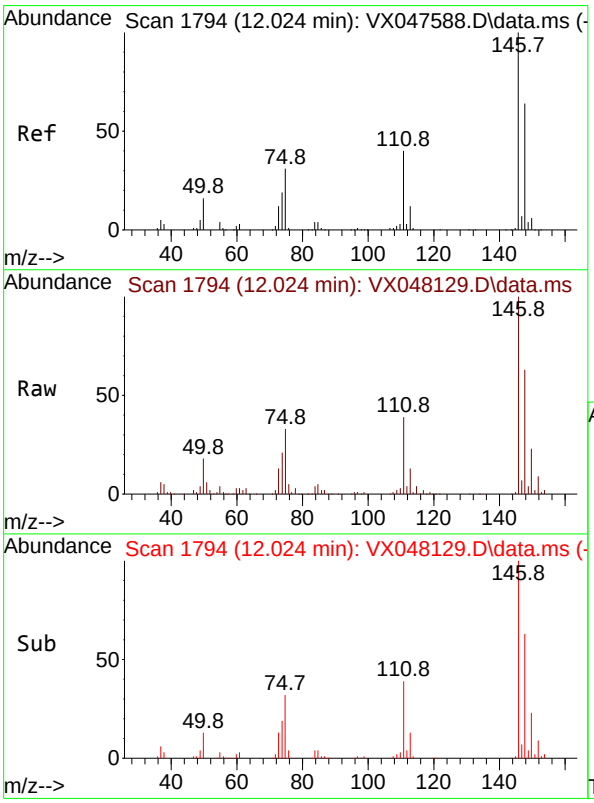
#87
1,3-Dichlorobenzene
Concen: 17.954 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:146 Resp: 74328

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.5	64.5
148	64.5	32.0	96.0

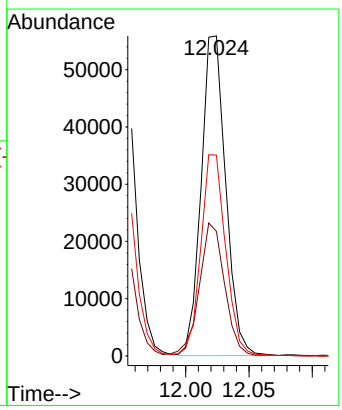


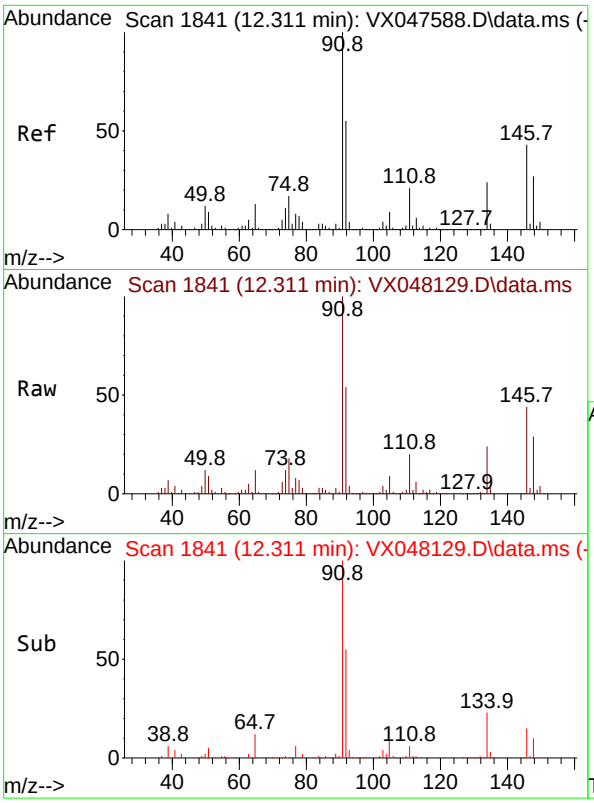


#88
1,4-Dichlorobenzene
Concen: 17.809 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



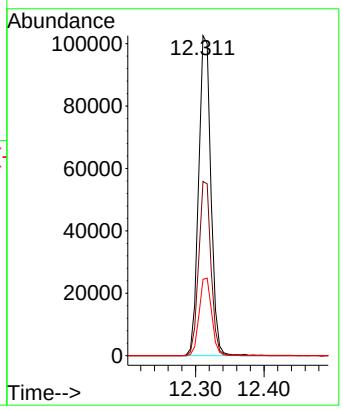


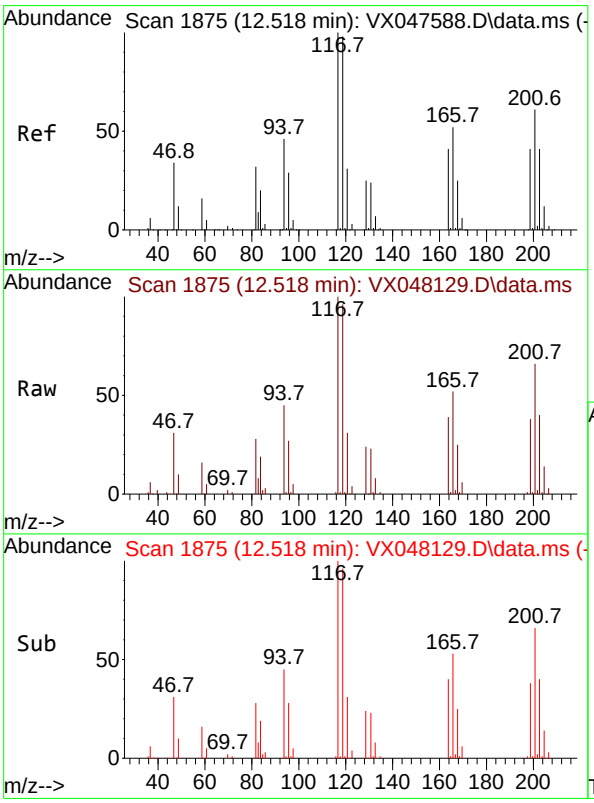
#89
n-Butylbenzene
Concen: 18.112 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion: 91 Resp: 128271

Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.6	82.7
134	24.5	12.6	37.8

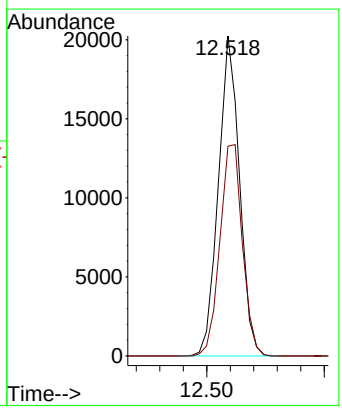


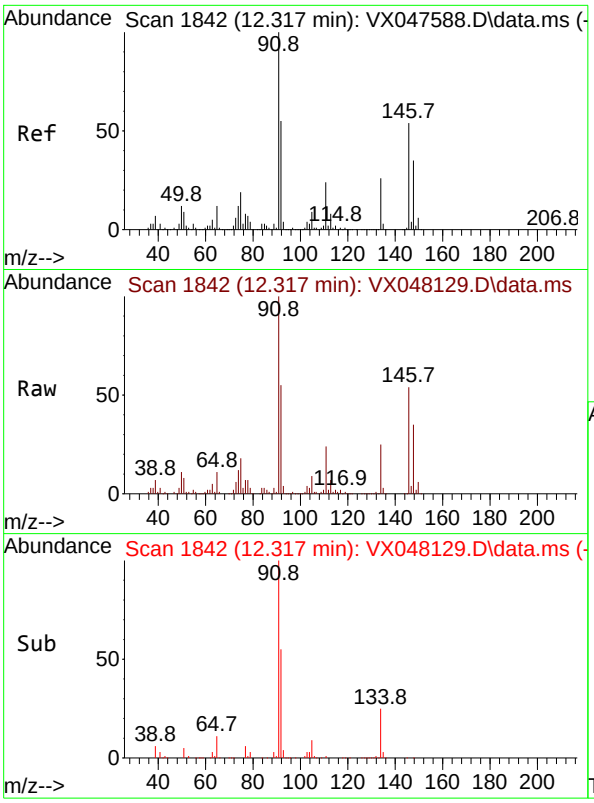


#90
Hexachloroethane
Concen: 18.780 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Tgt Ion:117 Resp: 25236

Ion	Ratio	Lower	Upper
117	100		
201	70.6	34.2	102.5



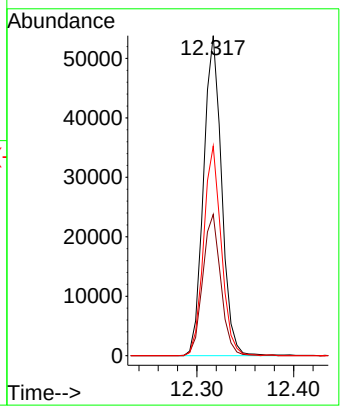


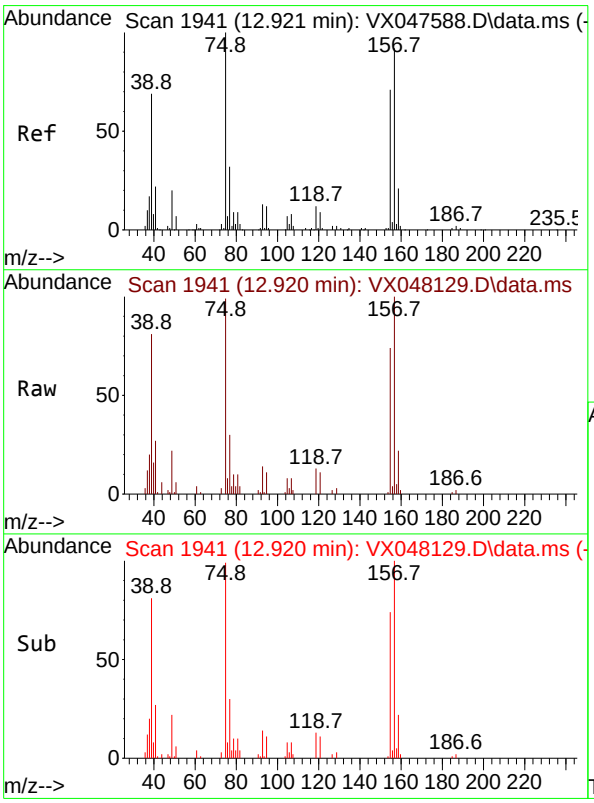
#91
1,2-Dichlorobenzene
Concen: 17.761 ug/l
RT: 12.317 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:146 Resp: 70052

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	64.0	31.8	95.4

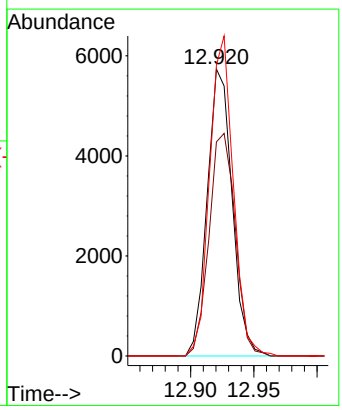


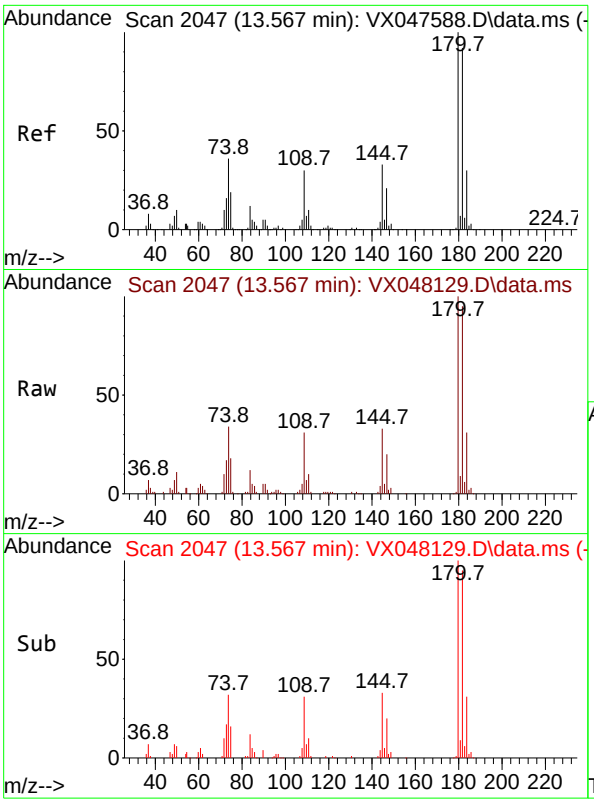


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.156 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



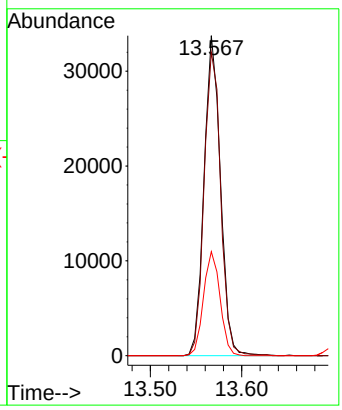


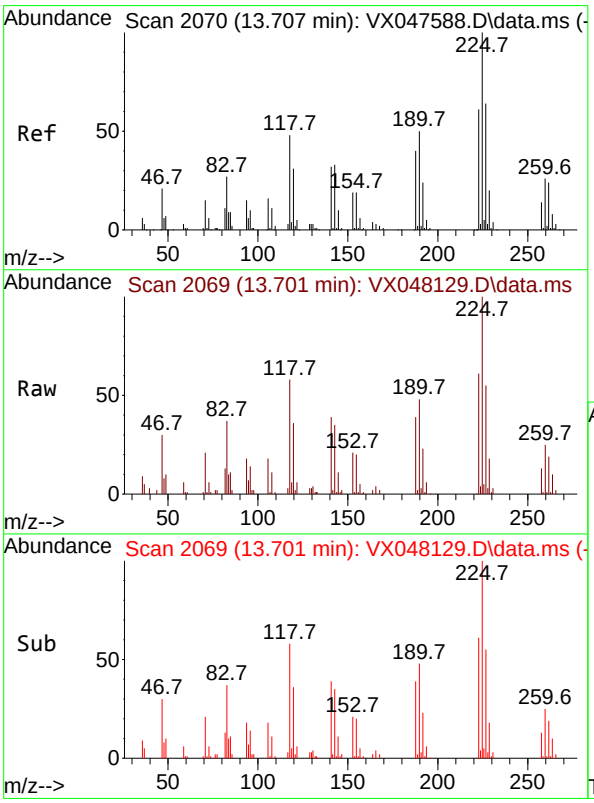
#93
1,2,4-Trichlorobenzene
Concen: 16.361 ug/l
RT: 13.567 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:180 Resp: 41939

Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.6	139.8
145	32.8	16.4	49.1

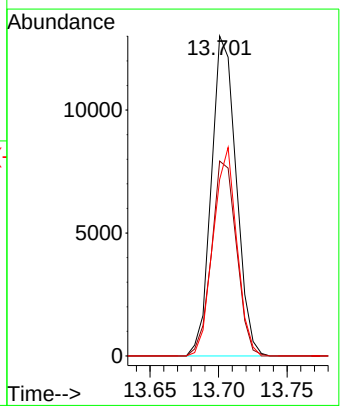


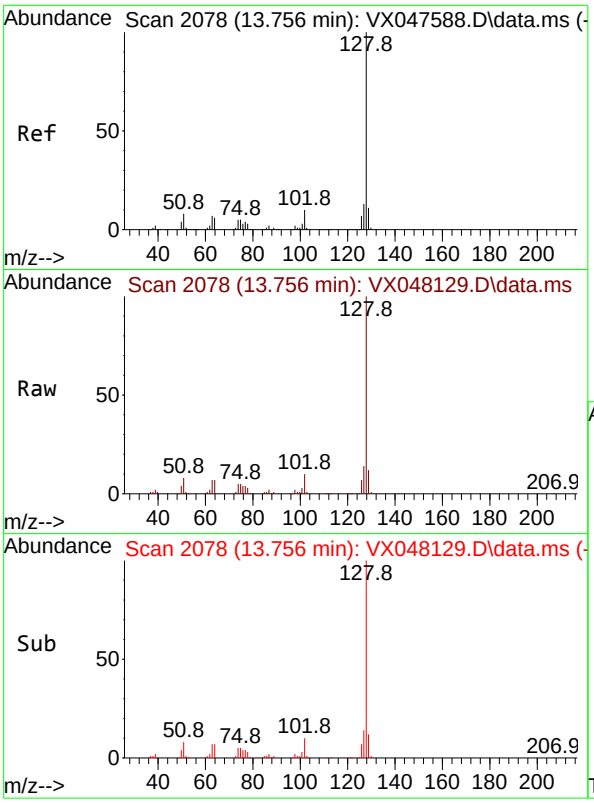


#94
Hexachlorobutadiene
Concen: 18.794 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



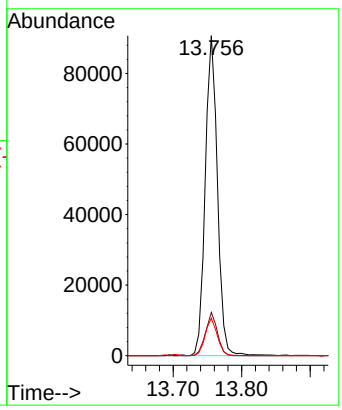


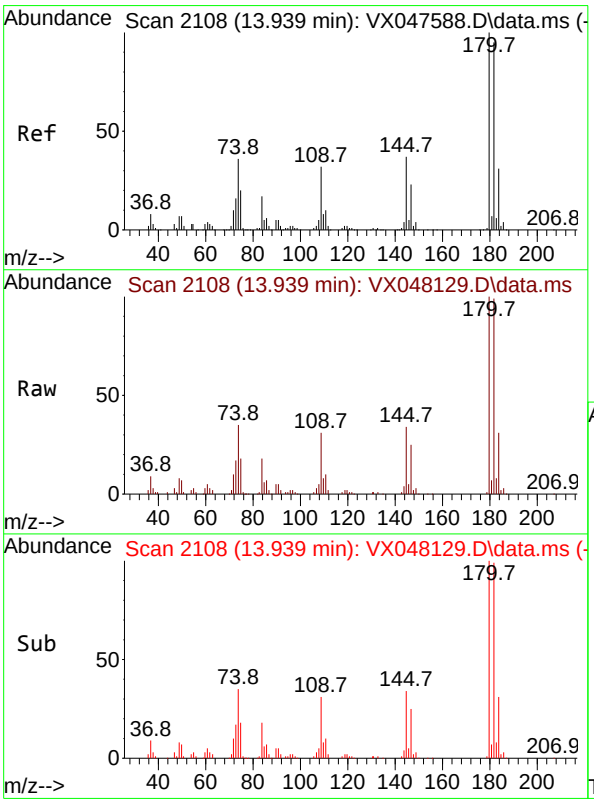
#95
Naphthalene
Concen: 14.383 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

Instrument :
MSVOA_X
ClientSampleId :
VX1013WBS01

Tgt Ion:128 Resp: 112268

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.6	8.8	13.2

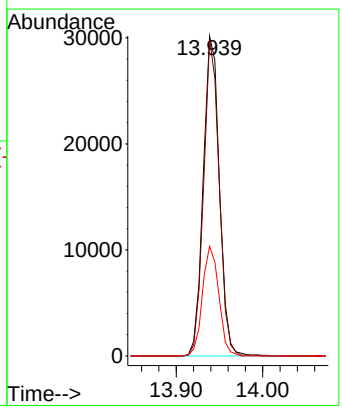




#96
1,2,3-Trichlorobenzene
Concen: 16.397 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048129.D
Acq: 13 Oct 2025 10:43

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



Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 14 02:00:15 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	116426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	206286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	187903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	97364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85941	46.374	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.740%			
35) Dibromofluoromethane	5.373	113	66803	48.287	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.580%			
50) Toluene-d8	8.635	98	222442	46.467	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.940%			
62) 4-Bromofluorobenzene	11.061	95	87879	48.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	68845	57.104	ug/l	98
3) Chloromethane	1.301	50	84832	53.539	ug/l	99
4) Vinyl Chloride	1.380	62	88657	57.159	ug/l	98
5) Bromomethane	1.612	94	60922	61.941	ug/l	100
6) Chloroethane	1.697	64	58122	56.066	ug/l	98
7) Trichlorofluoromethane	1.898	101	130836	56.811	ug/l	100
8) Diethyl Ether	2.136	74	50070	53.148	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	73566	54.630	ug/l	99
10) Methyl Iodide	2.459	142	104928	49.961	ug/l	97
11) Tert butyl alcohol	2.947	59	48774	236.310	ug/l	100
12) 1,1-Dichloroethene	2.325	96	77006	55.670	ug/l	98
13) Acrolein	2.239	56	50219	264.034	ug/l	99
14) Allyl chloride	2.666	41	143272	50.193	ug/l	98
15) Acrylonitrile	3.063	53	202376	264.713	ug/l	99
16) Acetone	2.374	43	160622	199.337	ug/l	99
17) Carbon Disulfide	2.520	76	223913	59.130	ug/l	98
18) Methyl Acetate	2.703	43	84487	47.114	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	268668	53.207	ug/l	99
20) Methylene Chloride	2.788	84	92121	54.010	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	82439	55.356	ug/l	97
22) Diisopropyl ether	3.751	45	299698	54.176	ug/l	87
23) Vinyl Acetate	3.715	43	1118555	252.641	ug/l	100
24) 1,1-Dichloroethane	3.605	63	158777	54.001	ug/l	98
25) 2-Butanone	4.544	43	237412	236.205	ug/l	98
26) 2,2-Dichloropropane	4.471	77	123863	50.678	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	99947	54.800	ug/l	97
28) Bromochloromethane	4.891	49	72617	56.572	ug/l	98
29) Tetrahydrofuran	4.989	42	149435	247.143	ug/l	98
30) Chloroform	5.087	83	163902	55.163	ug/l	99
31) Cyclohexane	5.465	56	129495	52.880	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	140046	55.569	ug/l	99
36) 1,1-Dichloropropene	5.684	75	107376	53.115	ug/l	98
37) Ethyl Acetate	4.702	43	104462	48.261	ug/l	99
38) Carbon Tetrachloride	5.672	117	120011	54.638	ug/l	98
39) Methylcyclohexane	7.367	83	125223	54.569	ug/l	99
40) Benzene	6.025	78	340597	55.471	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 14 02:00:15 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)
41) Methacrylonitrile	4.904	41	58064	51.961	ug/l		99
42) 1,2-Dichloroethane	6.074	62	126475	54.137	ug/l		100
43) Isopropyl Acetate	6.324	43	177959	50.130	ug/l		99
44) Trichloroethene	7.111	130	84645	57.022	ug/l		95
45) 1,2-Dichloropropane	7.415	63	87721	55.794	ug/l		98
46) Dibromomethane	7.568	93	64036	55.970	ug/l		97
47) Bromodichloromethane	7.806	83	134116	56.806	ug/l		100
48) Methyl methacrylate	7.678	41	91392	51.684	ug/l		98
49) 1,4-Dioxane	7.641	88	21866	1223.595	ug/l		95
51) 4-Methyl-2-Pentanone	8.555	43	519717	264.050	ug/l		100
52) Toluene	8.702	92	212219	56.100	ug/l		98
53) t-1,3-Dichloropropene	8.964	75	132994	55.226	ug/l		99
54) cis-1,3-Dichloropropene	8.354	75	141949	55.148	ug/l		98
55) 1,1,2-Trichloroethane	9.135	97	82732	56.718	ug/l		99
56) Ethyl methacrylate	9.104	69	124001	54.131	ug/l		99
57) 1,3-Dichloropropane	9.293	76	143428	57.240	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.226	63	289078	263.185	ug/l		99
59) 2-Hexanone	9.415	43	357796	253.109	ug/l		98
60) Dibromochloromethane	9.506	129	98818	58.796	ug/l		99
61) 1,2-Dibromoethane	9.592	107	86719	58.369	ug/l		100
64) Tetrachloroethene	9.263	164	79276	64.719	ug/l		97
65) Chlorobenzene	10.061	112	231696	54.277	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.147	131	82637	56.099	ug/l		100
67) Ethyl Benzene	10.177	91	401089	54.455	ug/l		100
68) m/p-Xylenes	10.287	106	298533	108.894	ug/l		100
69) o-Xylene	10.628	106	144023	54.314	ug/l		100
70) Styrene	10.640	104	254769	54.833	ug/l		99
71) Bromoform	10.781	173	61112	55.561	ug/l	#	98
73) Isopropylbenzene	10.945	105	371566	50.197	ug/l		99
74) N-amyl acetate	10.823	43	159040	47.116	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.195	83	109915	49.079	ug/l		99
76) 1,2,3-Trichloropropane	11.220	75	123424	62.610	ug/l		88
77) Bromobenzene	11.183	156	93071	51.050	ug/l		97
78) n-propylbenzene	11.287	91	446153	50.987	ug/l		100
79) 2-Chlorotoluene	11.348	91	266064	49.644	ug/l		99
80) 1,3,5-Trimethylbenzene	11.433	105	309130	50.831	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.000	75	35228	45.572	ug/l		99
82) 4-Chlorotoluene	11.439	91	318659	50.343	ug/l		99
83) tert-Butylbenzene	11.695	119	299521	48.111	ug/l		98
84) 1,2,4-Trimethylbenzene	11.732	105	313950	50.919	ug/l		100
85) sec-Butylbenzene	11.872	105	376441	50.907	ug/l		100
86) p-Isopropyltoluene	11.994	119	316639	50.578	ug/l		99
87) 1,3-Dichlorobenzene	11.951	146	168297	49.700	ug/l		100
88) 1,4-Dichlorobenzene	12.024	146	172609	49.665	ug/l		100
89) n-Butylbenzene	12.311	91	296409	51.169	ug/l		98
90) Hexachloroethane	12.518	117	58283	53.026	ug/l		100
91) 1,2-Dichlorobenzene	12.317	146	164389	50.956	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	21592	47.620	ug/l		99
93) 1,2,4-Trichlorobenzene	13.567	180	101747	48.527	ug/l		98
94) Hexachlorobutadiene	13.707	225	36890	51.799	ug/l		98
95) Naphthalene	13.756	128	314740	49.297	ug/l		99
96) 1,2,3-Trichlorobenzene	13.939	180	98210	50.354	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 14 02:00:15 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\VX101325\
Data File : VX048151.D
Acq On : 13 Oct 2025 18:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 14 02:00:15 2025
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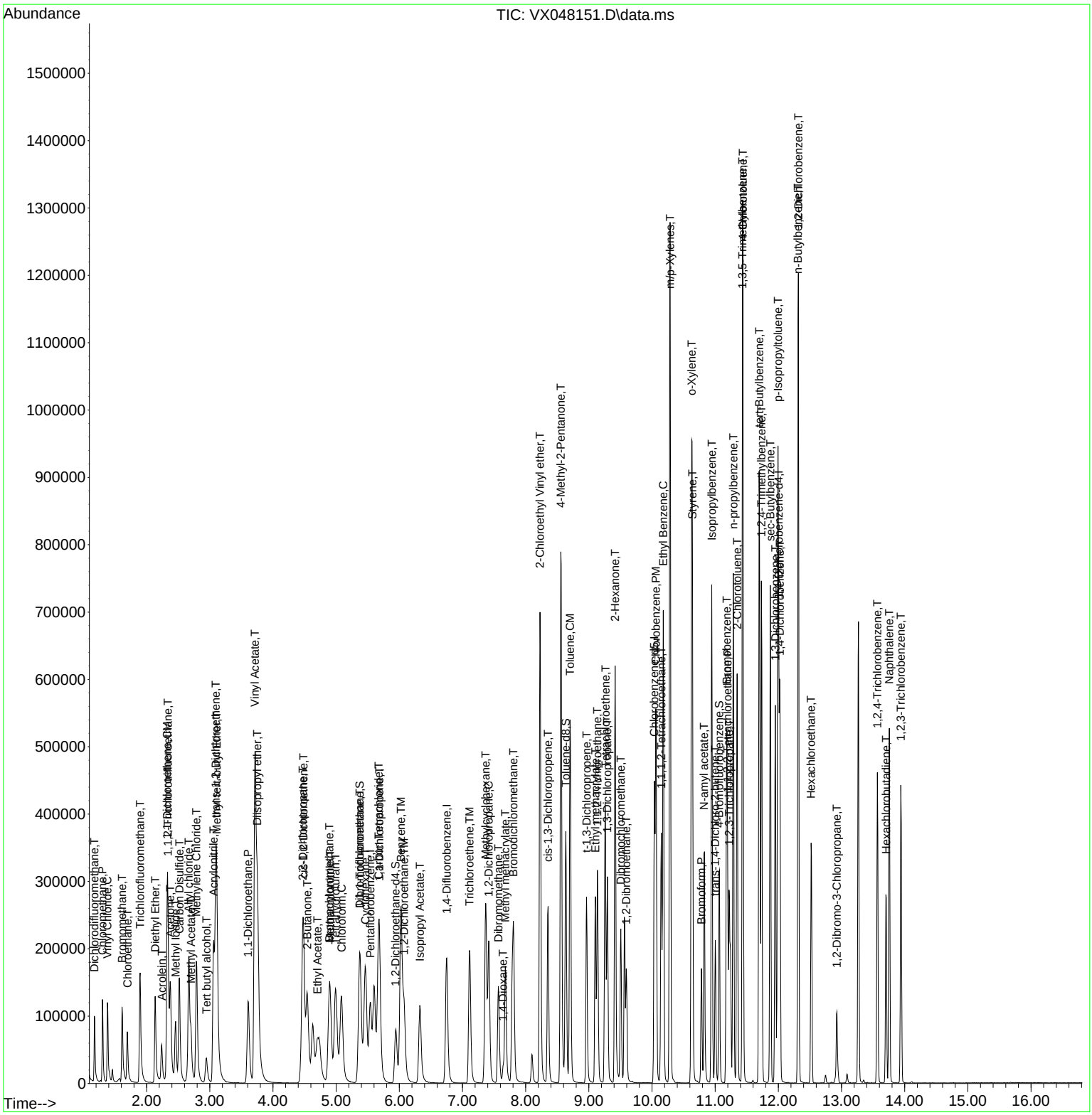
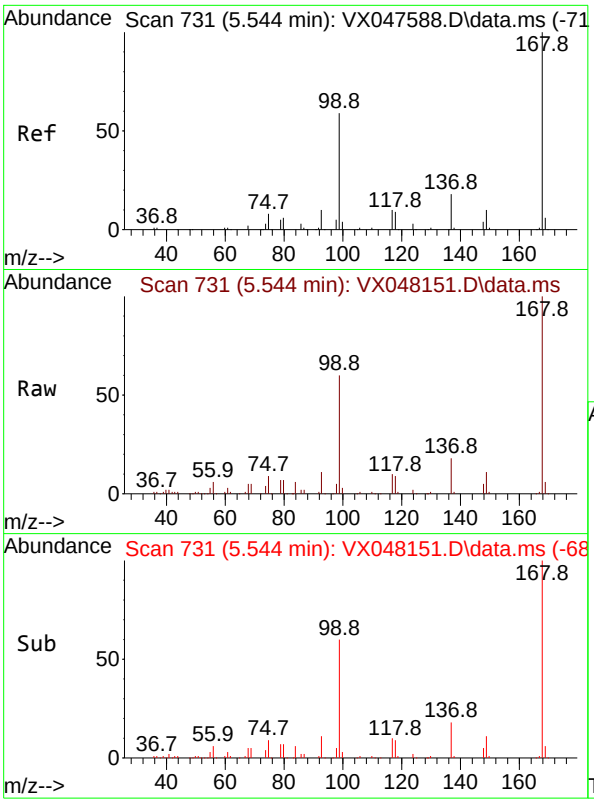
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



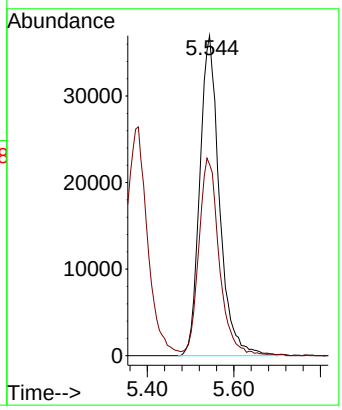


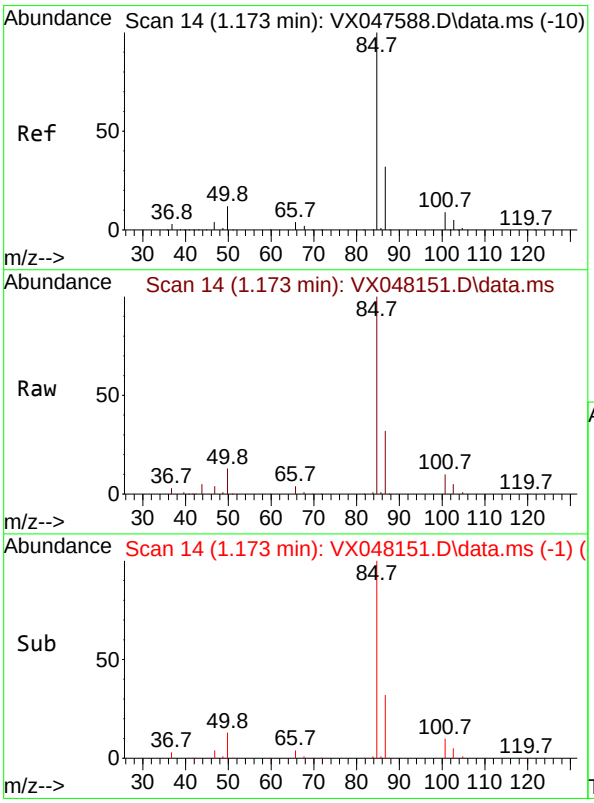
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 116426

Ion	Ratio	Lower	Upper
168	100		
99	59.5	48.8	73.2

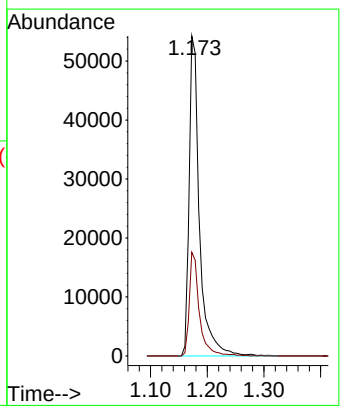


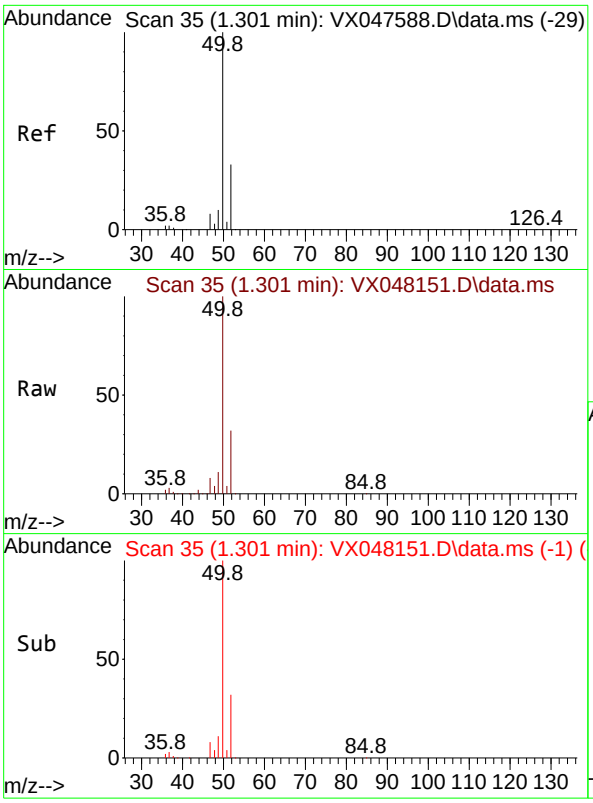


#2
Dichlorodifluoromethane
Concen: 57.104 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 85 Resp: 68845

Ion	Ratio	Lower	Upper
85	100		
87	32.8	15.8	47.3



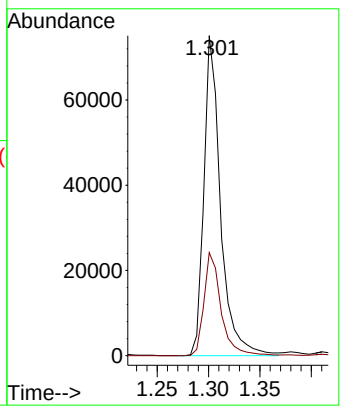


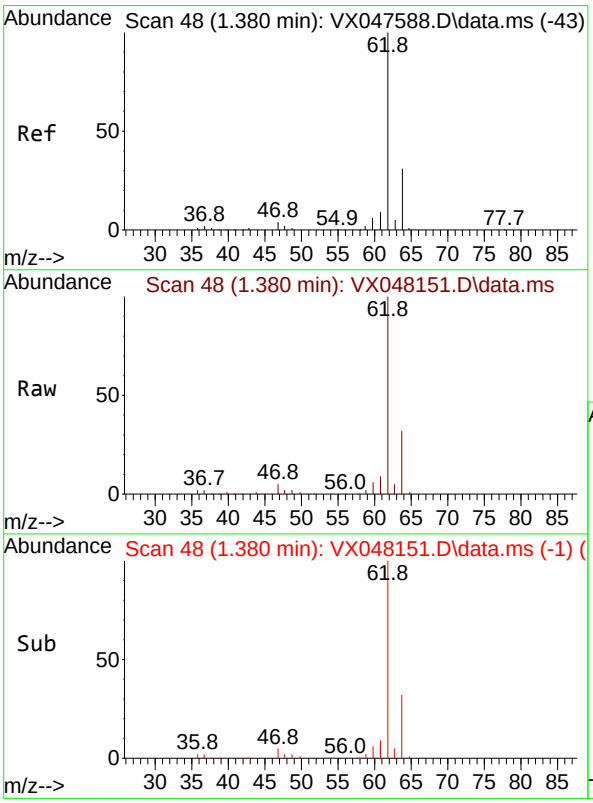
#3
Chloromethane
Concen: 53.539 ug/l
RT: 1.301 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 84832

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1

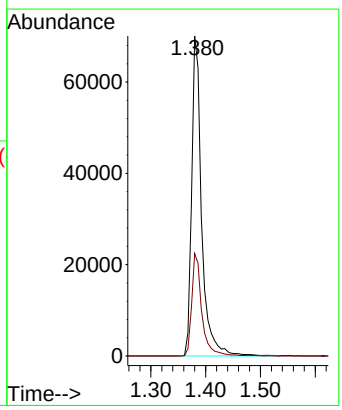


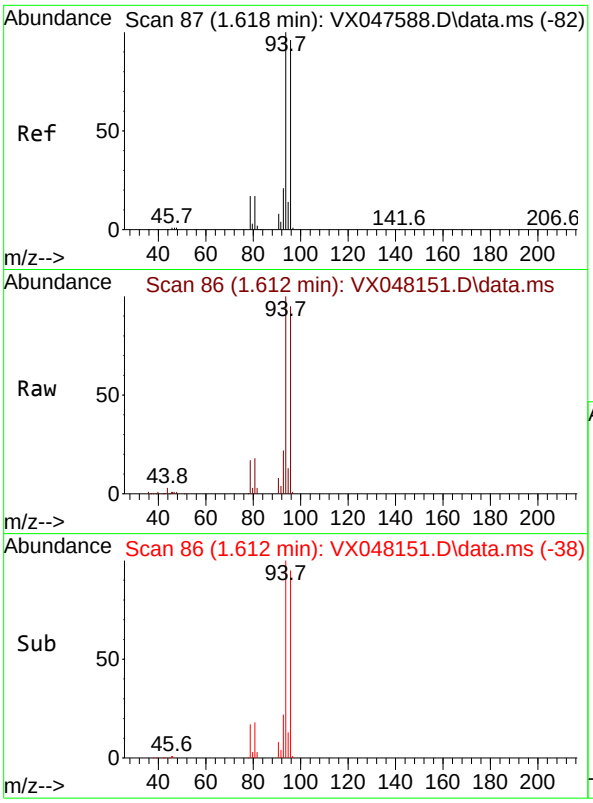


#4
Vinyl Chloride
Concen: 57.159 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 62 Resp: 88657

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.9	37.3



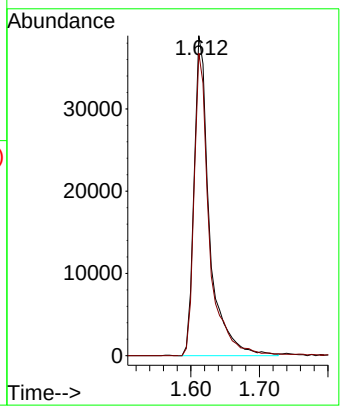


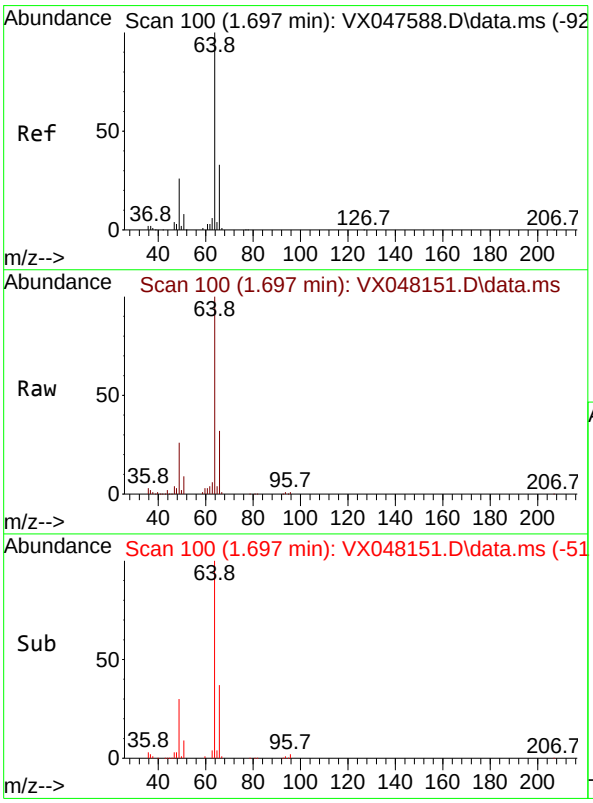
#5
Bromomethane
Concen: 61.941 ug/l
RT: 1.612 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 60922

Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.6	115.0

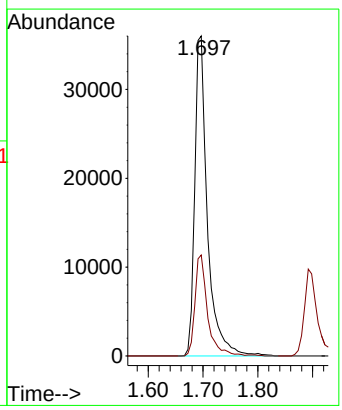


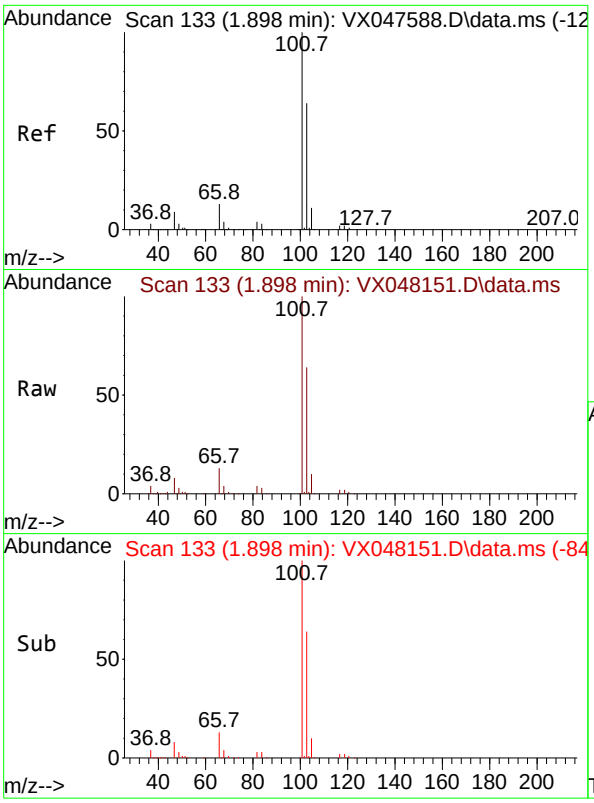


#6
Chloroethane
Concen: 56.066 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 64 Resp: 58122

Ion	Ratio	Lower	Upper
64	100		
66	31.5	26.1	39.1



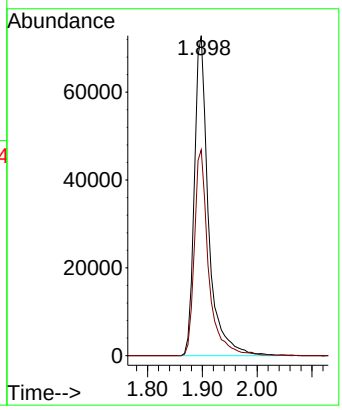


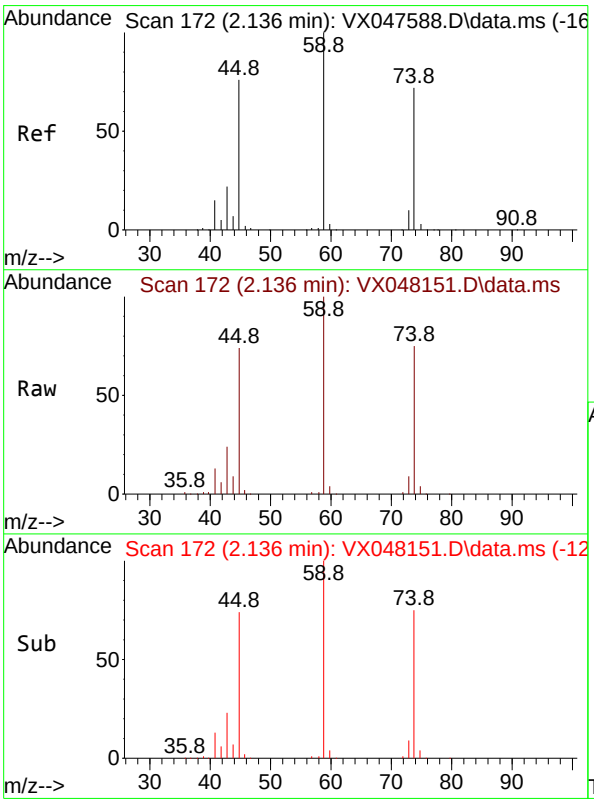
#7
Trichlorofluoromethane
Concen: 56.811 ug/l
RT: 1.898 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 130836

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.2

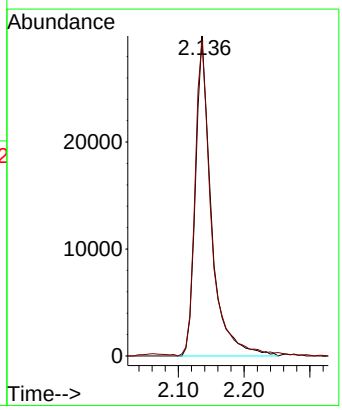


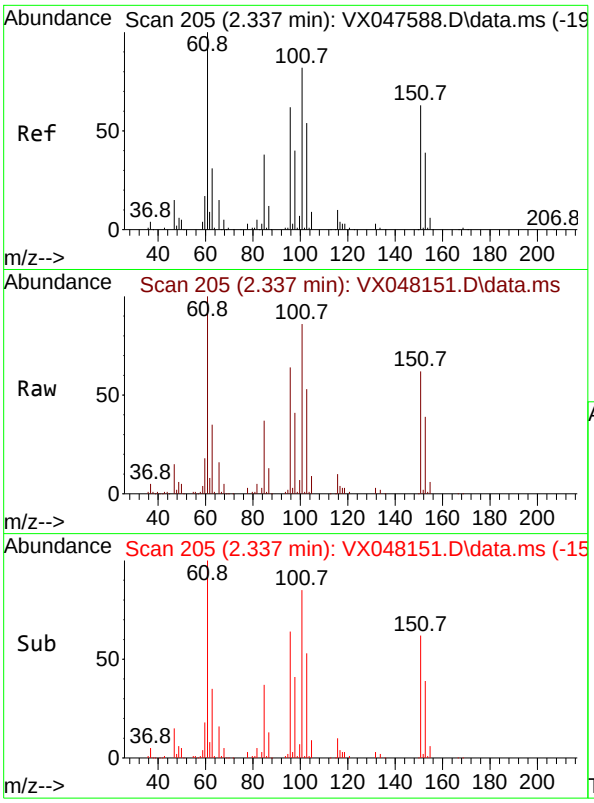


#8
Diethyl Ether
Concen: 53.148 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 74 Resp: 50070

Ion	Ratio	Lower	Upper
74	100		
45	102.1	52.3	156.8



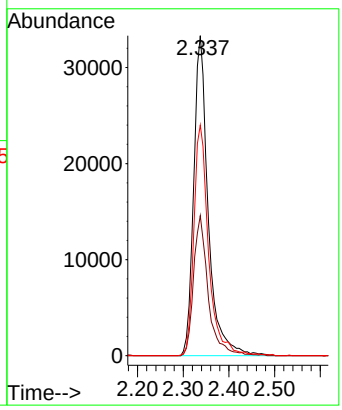


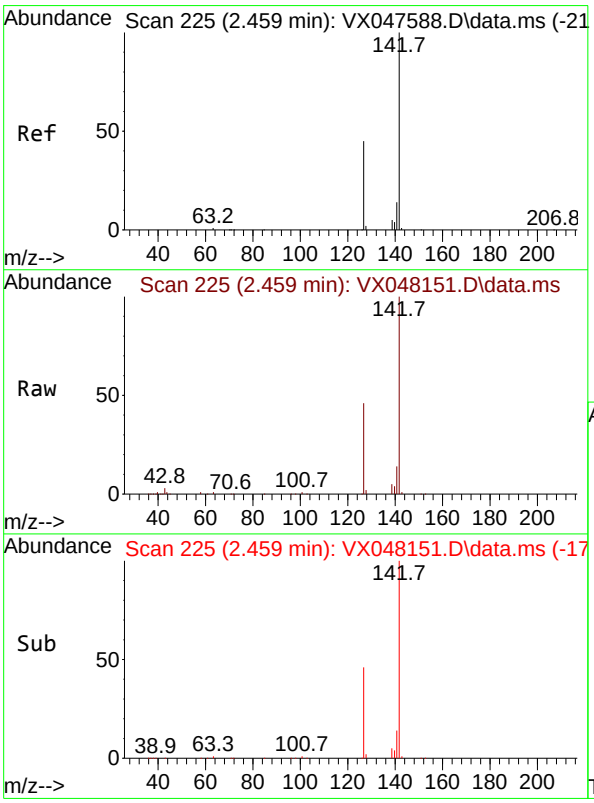
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.630 ug/l
RT: 2.337 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 73566

Ion	Ratio	Lower	Upper
101	100		
85	44.1	35.5	53.3
151	73.4	59.4	89.0

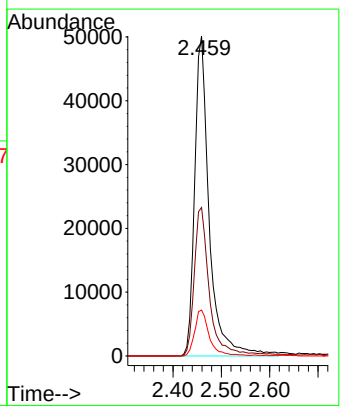


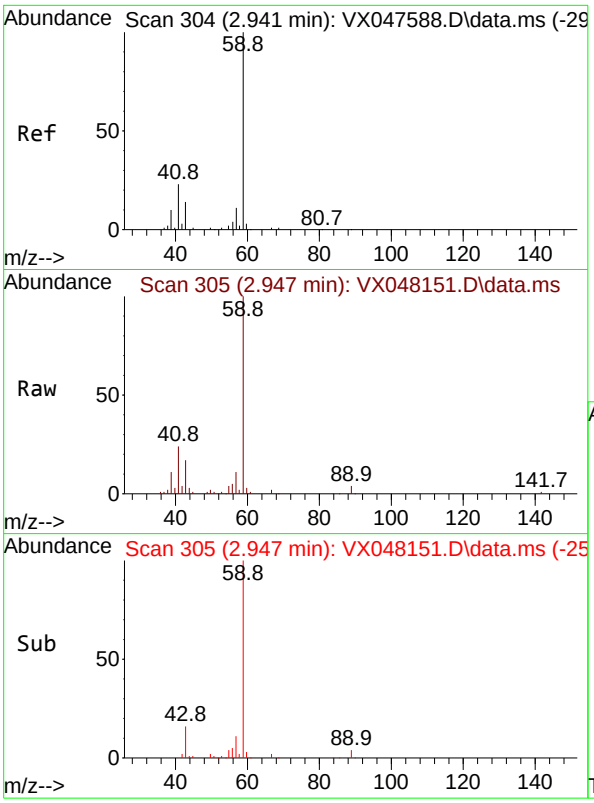


#10
Methyl Iodide
Concen: 49.961 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:142 Resp: 104928

Ion	Ratio	Lower	Upper
142	100		
127	48.9	37.2	55.8
141	14.4	11.4	17.0



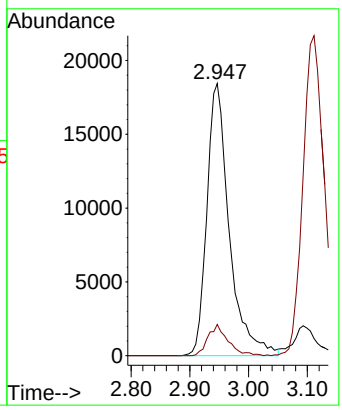


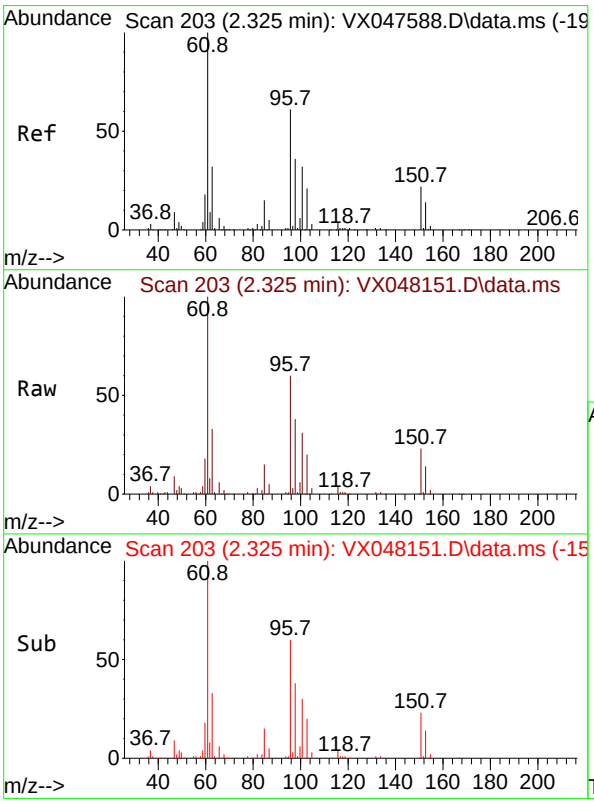
#11
Tert butyl alcohol
Concen: 236.310 ug/l
RT: 2.947 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 48774

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5

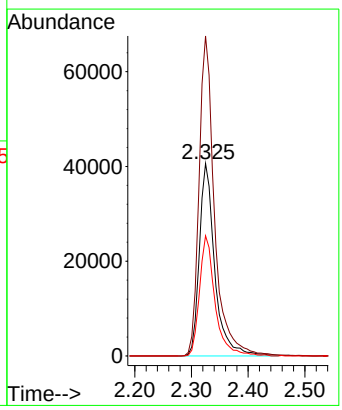


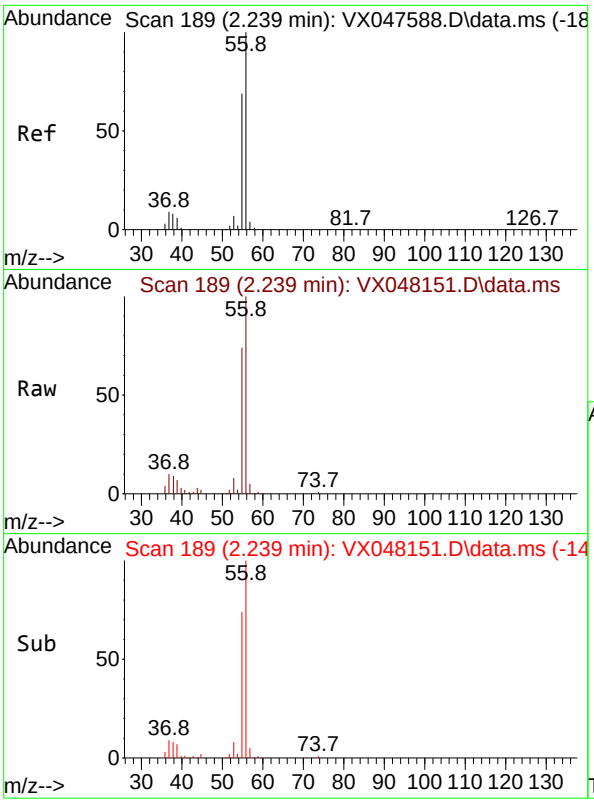


#12
1,1-Dichloroethene
Concen: 55.670 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 96 Resp: 77006

Ion	Ratio	Lower	Upper
96	100		
61	166.3	131.0	196.6
98	62.5	47.7	71.5



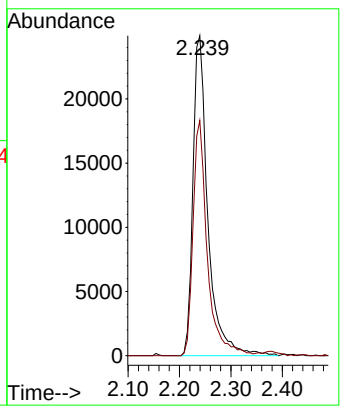


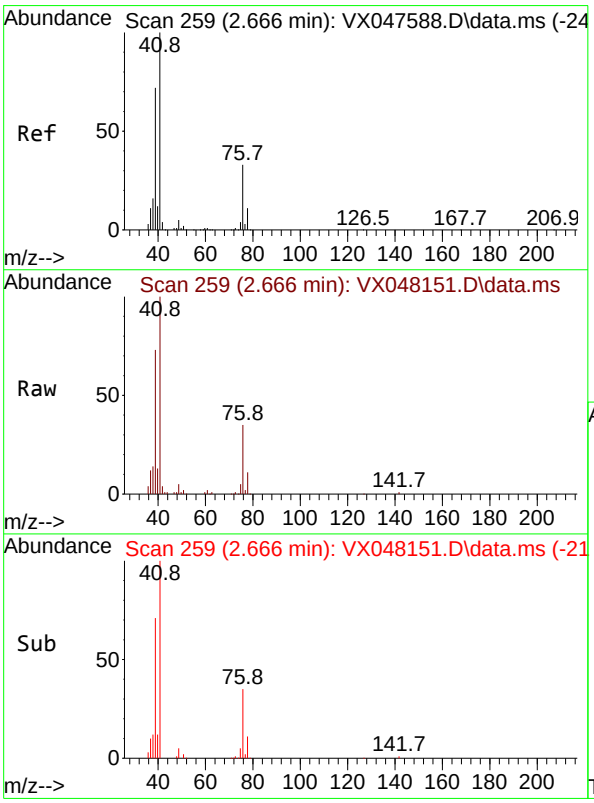
#13
Acrolein
Concen: 264.034 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 50219

Ion	Ratio	Lower	Upper
56	100		
55	70.4	57.2	85.8

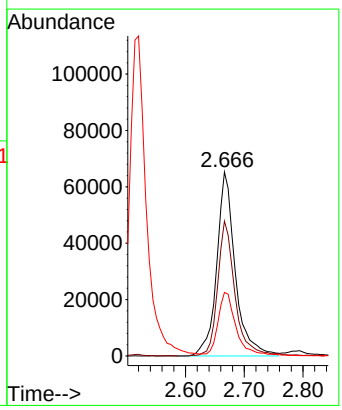


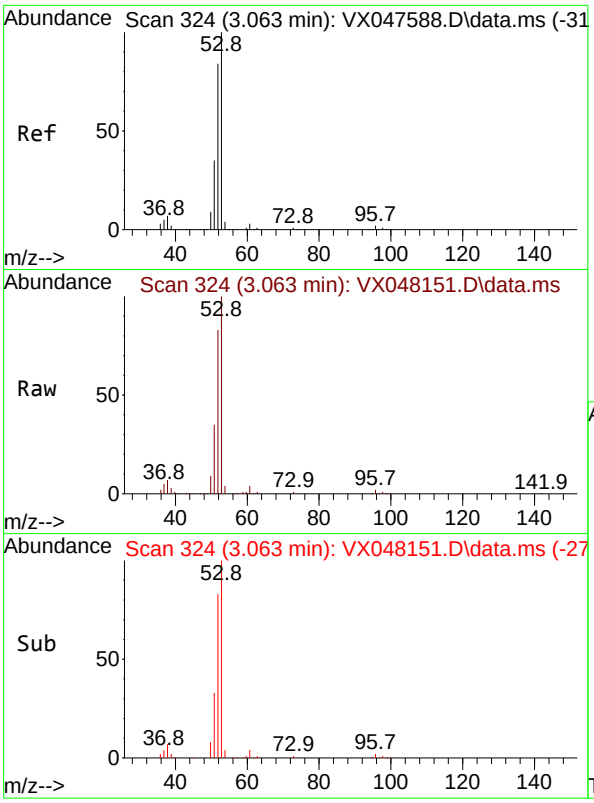


#14
Allyl chloride
Concen: 50.193 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 41 Resp: 143272

Ion	Ratio	Lower	Upper
41	100		
39	68.9	54.7	82.1
76	34.3	25.7	38.5



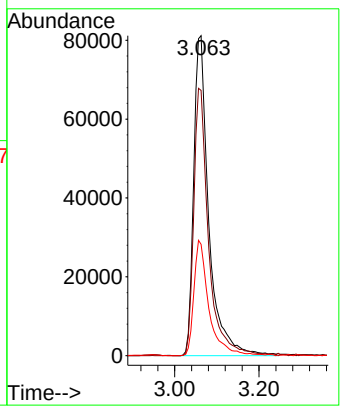


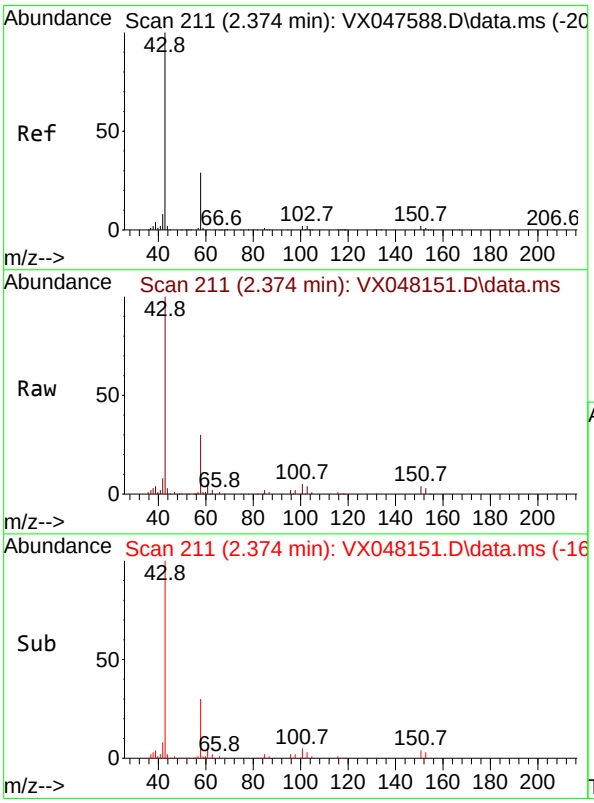
#15
Acrylonitrile
Concen: 264.713 ug/l
RT: 3.063 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 202376

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.4	99.6
51	36.0	29.5	44.3

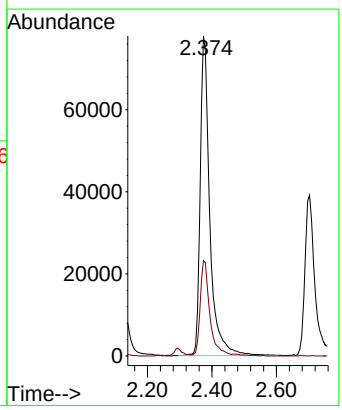


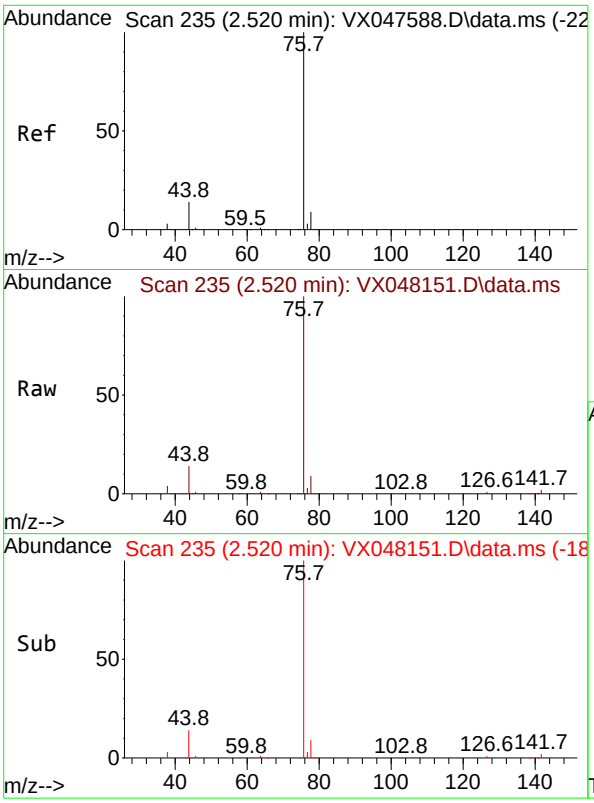


#16
Acetone
Concen: 199.337 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 160622

Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.4	35.0



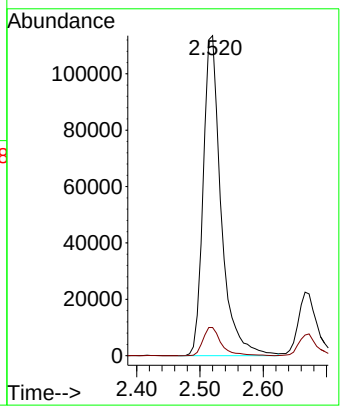


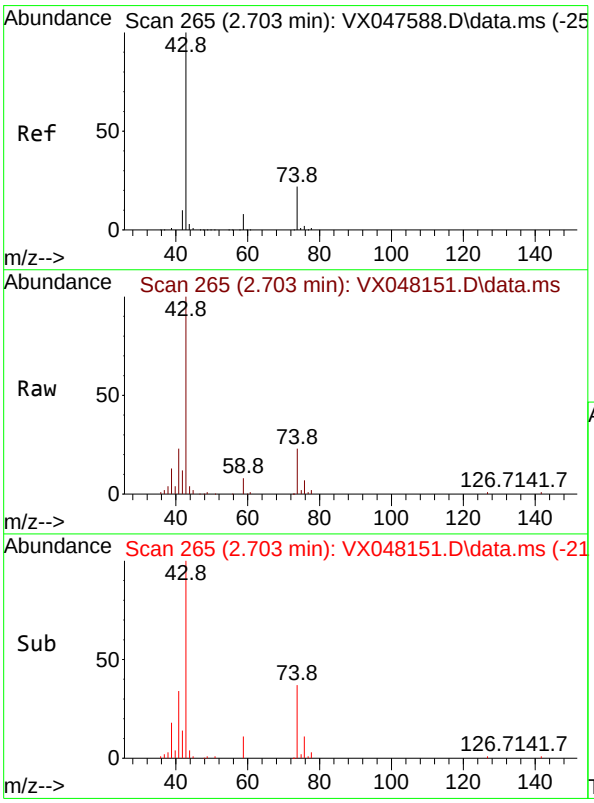
#17
Carbon Disulfide
Concen: 59.130 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 223913

Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.8	10.2

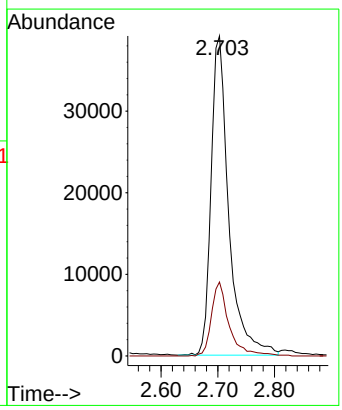


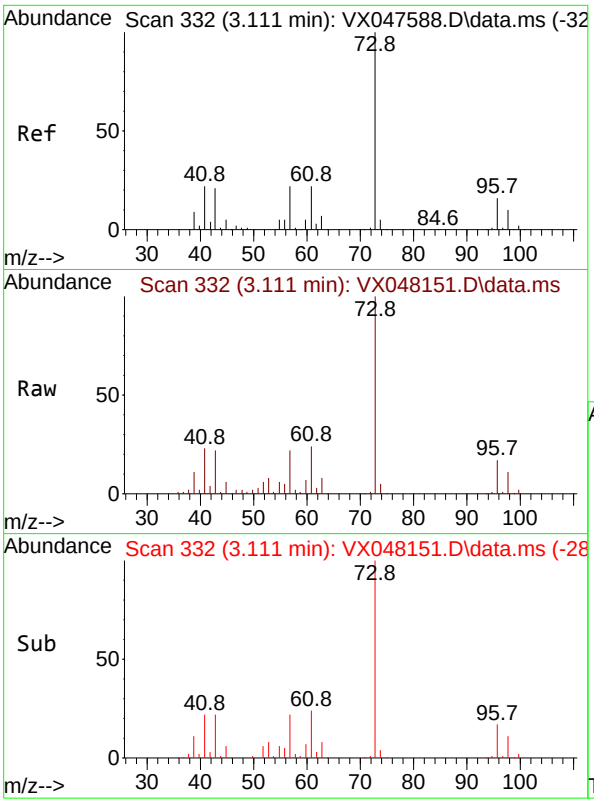


#18
Methyl Acetate
Concen: 47.114 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 84487

Ion	Ratio	Lower	Upper
43	100		
74	23.2	17.4	26.2



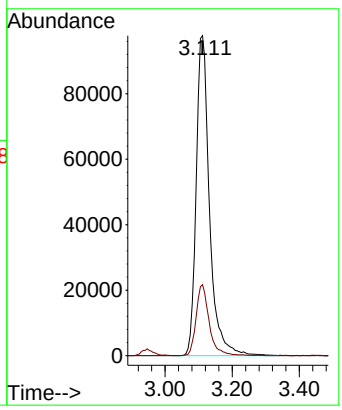


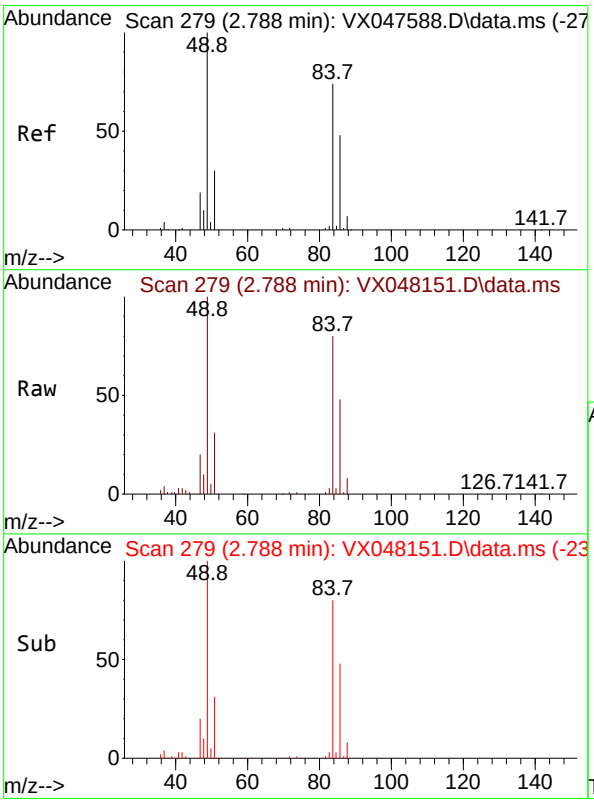
#19
Methyl tert-butyl Ether
Concen: 53.207 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 268668

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.4	26.2

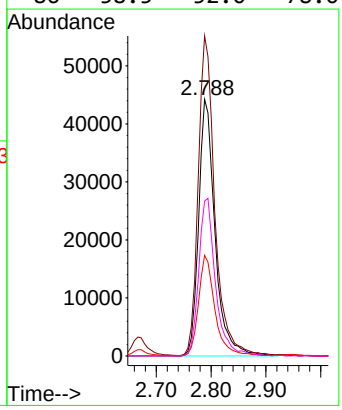


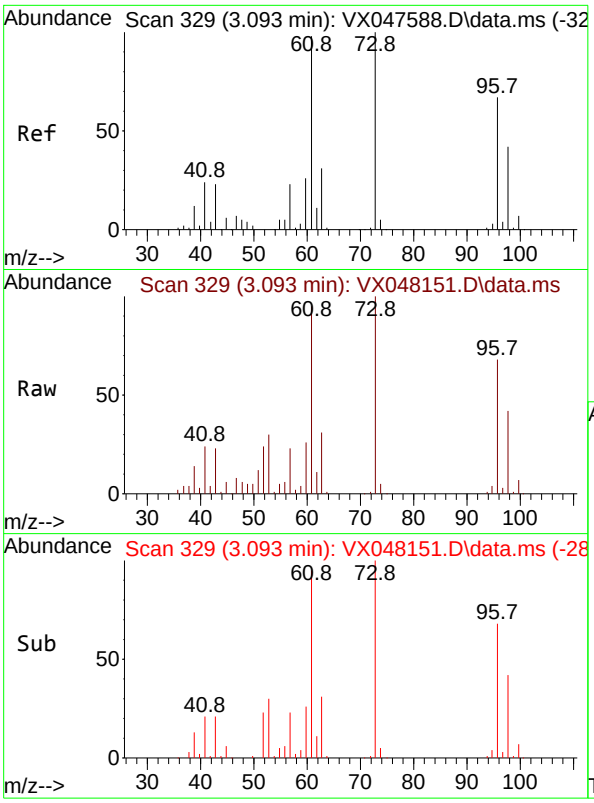


#20
Methylene Chloride
Concen: 54.010 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 84 Resp: 92121

Ion	Ratio	Lower	Upper
84	100		
49	120.6	108.6	162.8
51	38.0	32.6	48.8
86	58.5	52.0	78.0



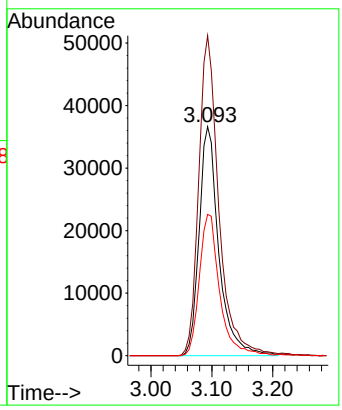


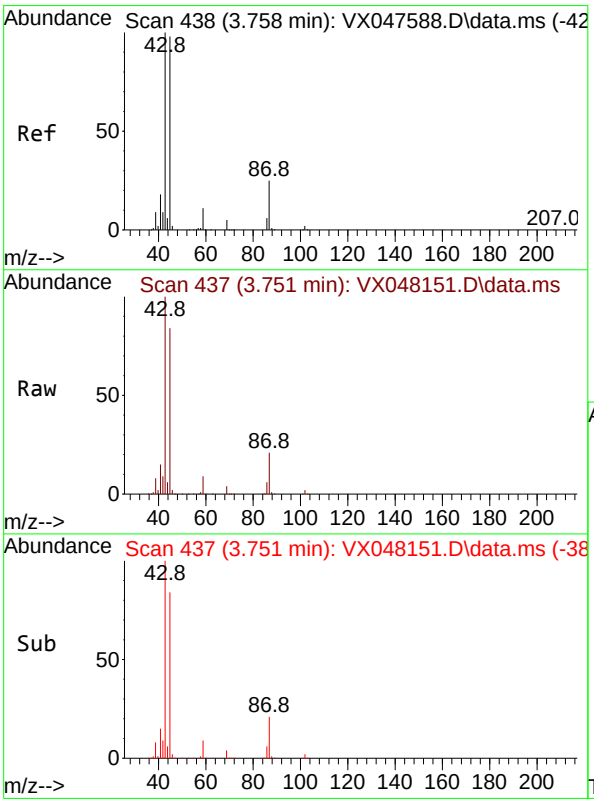
#21
trans-1,2-Dichloroethene
Concen: 55.356 ug/l
RT: 3.093 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 82439

Ion	Ratio	Lower	Upper
96	100		
61	139.7	116.2	174.2
98	61.7	49.3	73.9

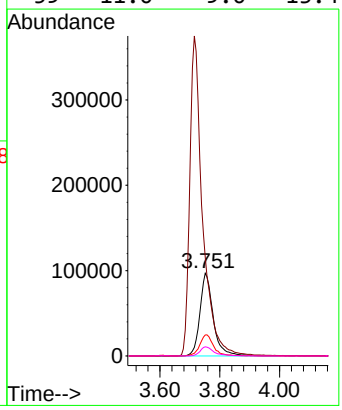


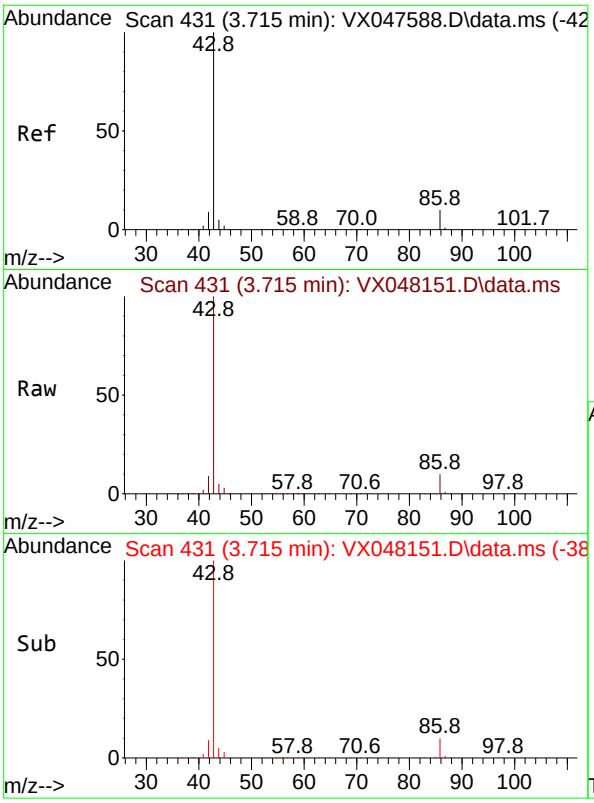


#22
Diisopropyl ether
Concen: 54.176 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 45 Resp: 299698

Ion	Ratio	Lower	Upper
45	100		
43	119.3	81.0	121.4
87	25.4	20.3	30.5
59	11.0	9.0	13.4



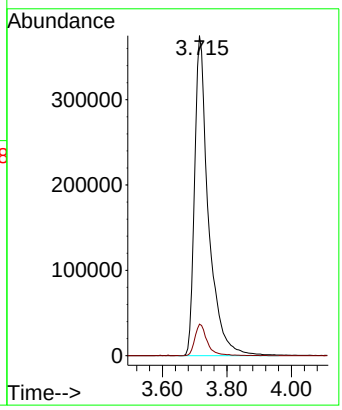


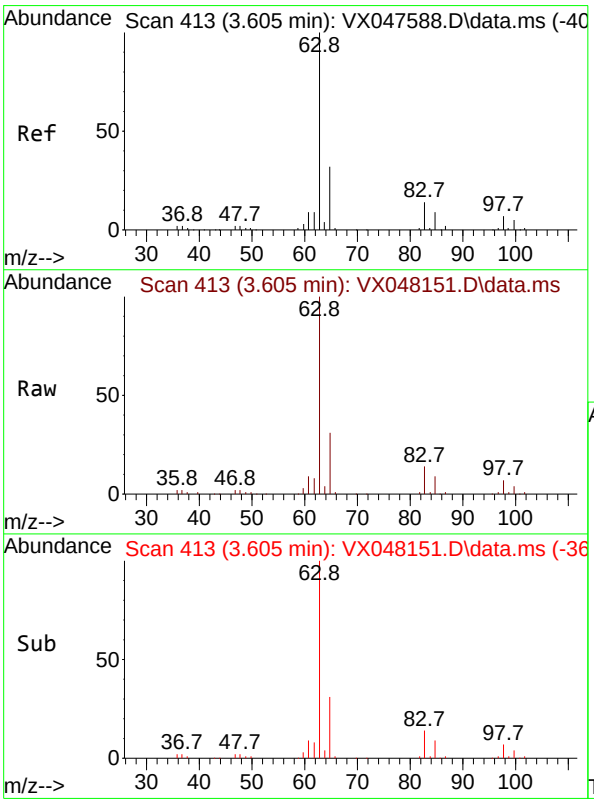
#23
Vinyl Acetate
Concen: 252.641 ug/l
RT: 3.715 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1118555

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

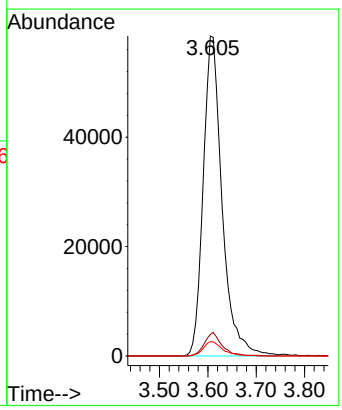


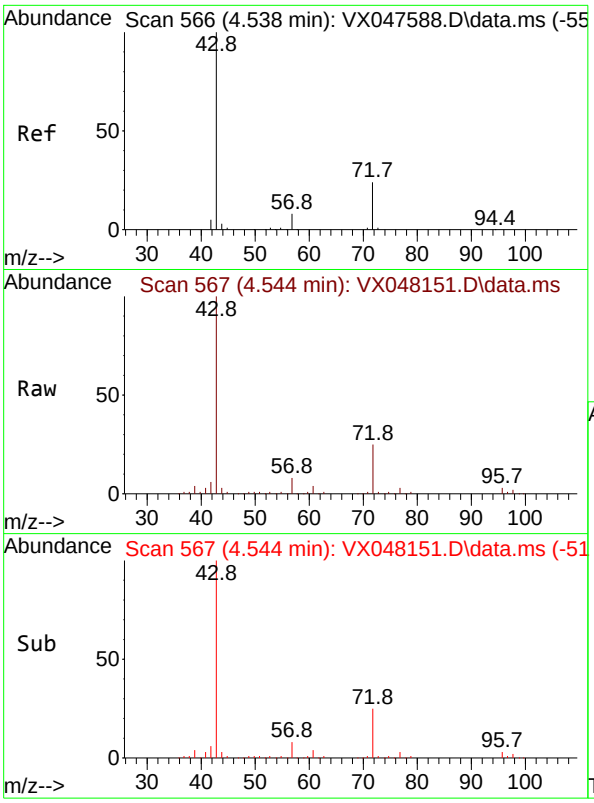


#24
1,1-Dichloroethane
Concen: 54.001 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 63 Resp: 158777

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.8	11.2
100	4.4	2.3	6.9



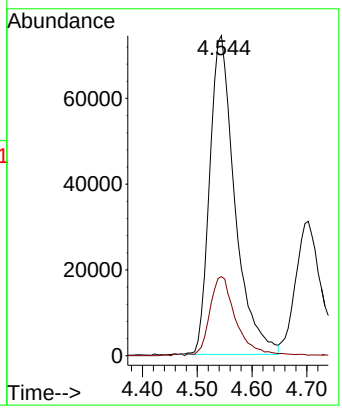


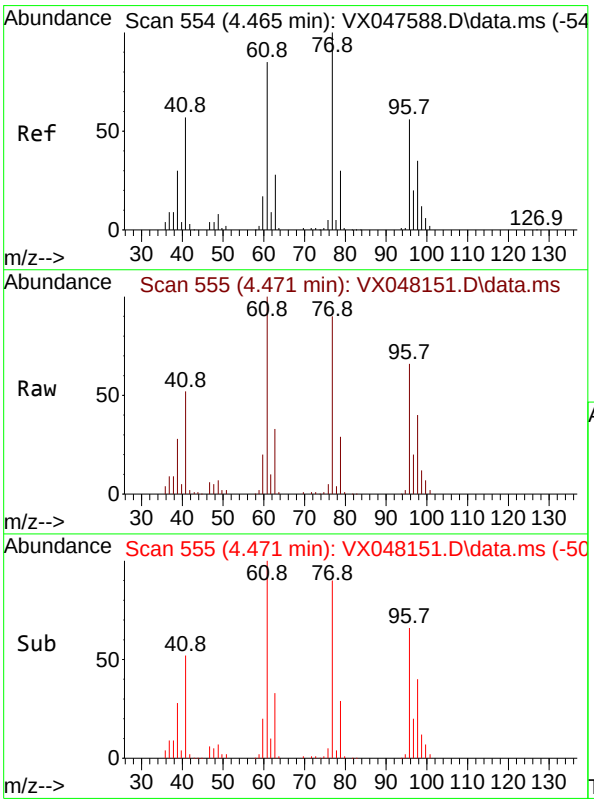
#25
2-Butanone
Concen: 236.205 ug/l
RT: 4.544 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 237412

Ion	Ratio	Lower	Upper
43	100		
72	24.1	20.1	30.1

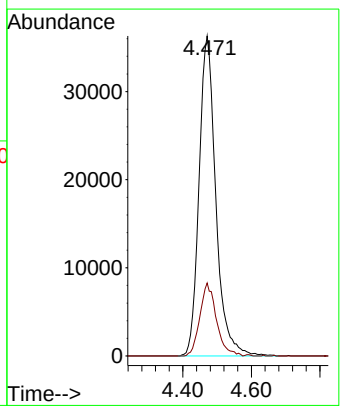


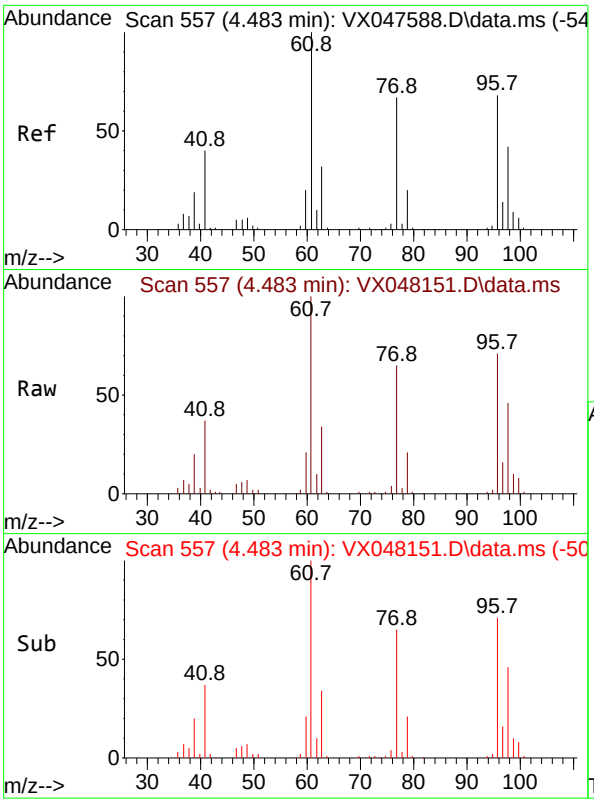


#26
2,2-Dichloropropane
Concen: 50.678 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 77 Resp: 123863

Ion	Ratio	Lower	Upper
77	100		
97	22.4	10.9	32.7



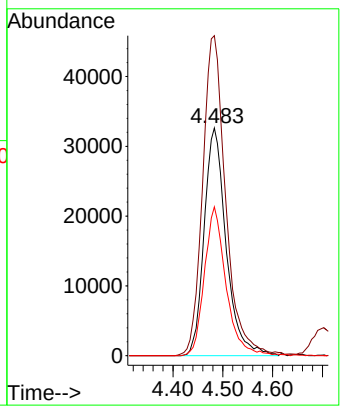


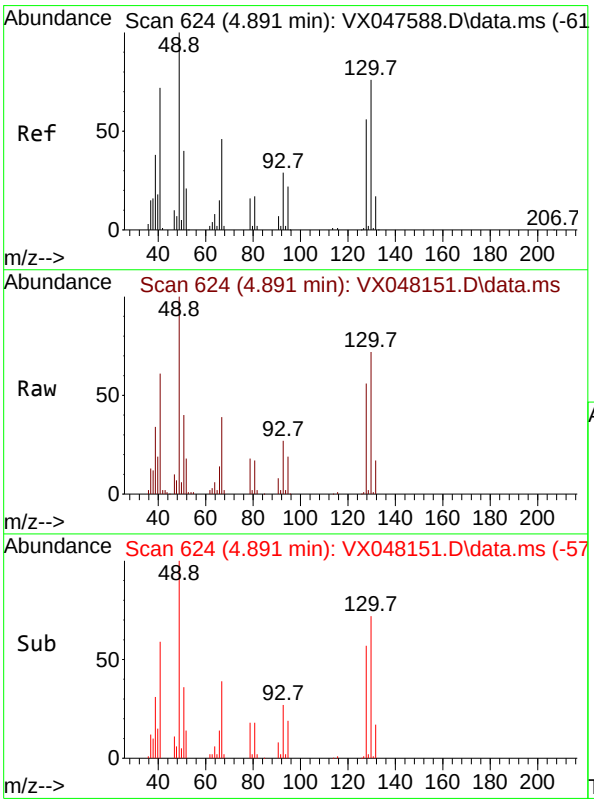
#27
cis-1,2-Dichloroethene
Concen: 54.800 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 99947

Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	303.2
98	64.2	0.0	127.8

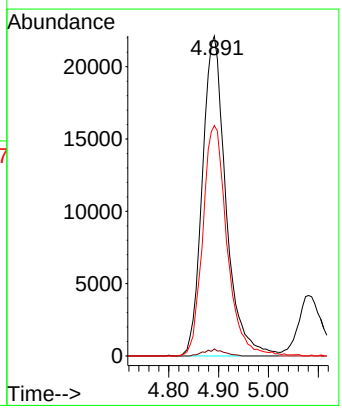


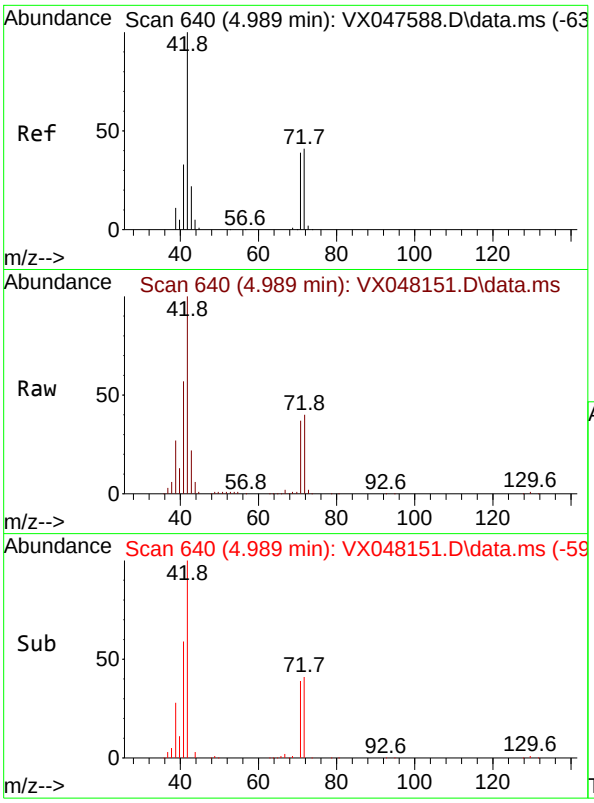


#28
Bromochloromethane
Concen: 56.572 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 49 Resp: 72617

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	74.0	57.8	86.8



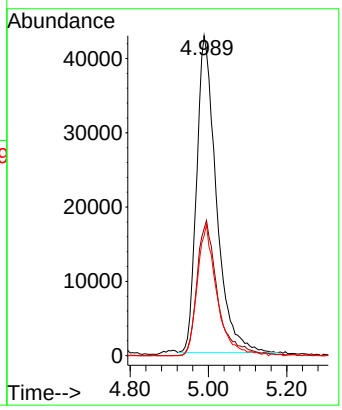


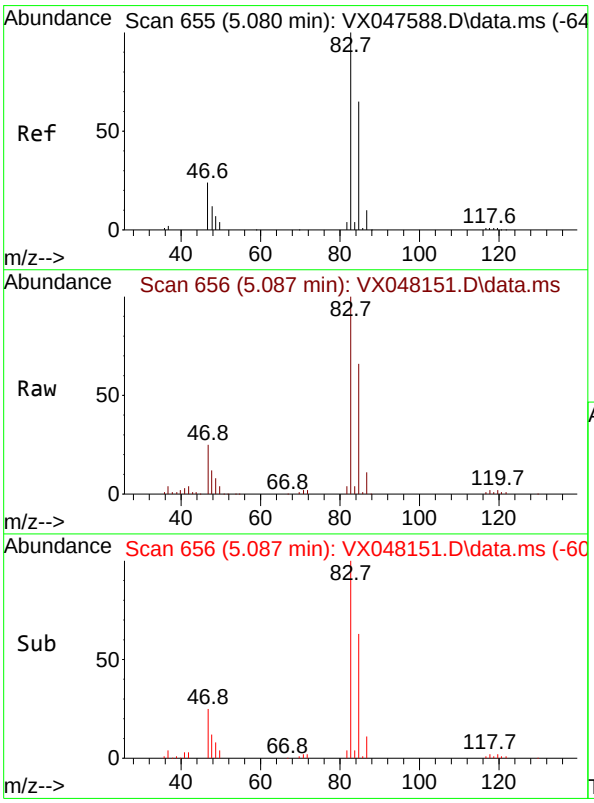
#29
Tetrahydrofuran
Concen: 247.143 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 149435

Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.2	51.2
71	41.0	31.9	47.9

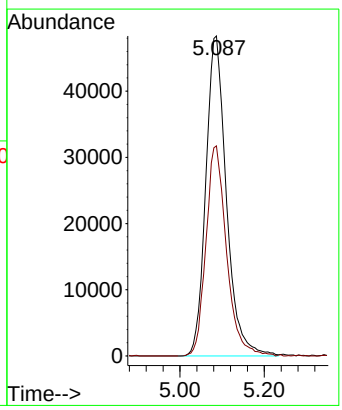


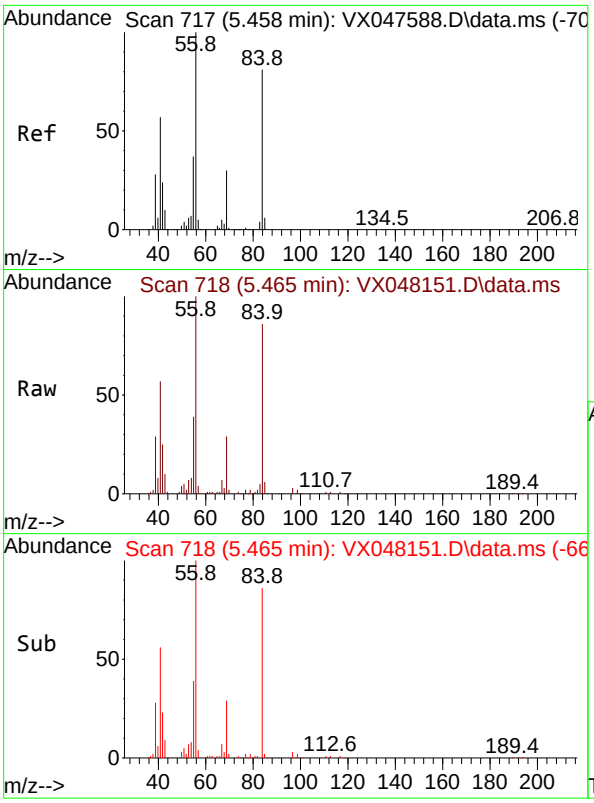


#30
Chloroform
Concen: 55.163 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 83 Resp: 163902

Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.6



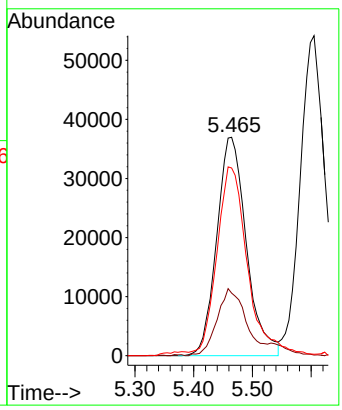


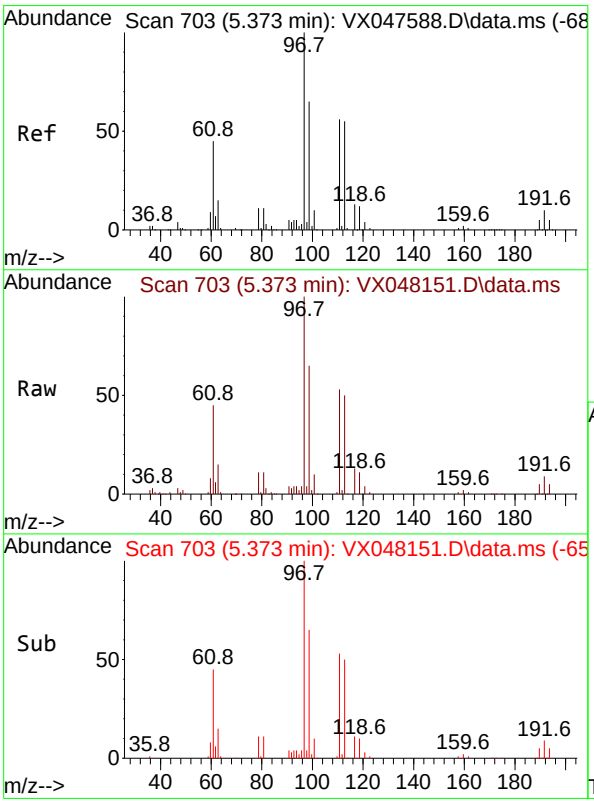
#31
Cyclohexane
Concen: 52.880 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 129495

Ion	Ratio	Lower	Upper
56	100		
69	28.2	23.8	35.8
84	84.3	64.6	97.0

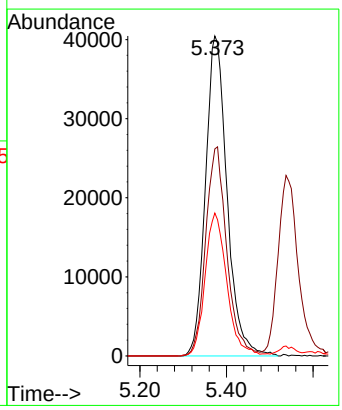


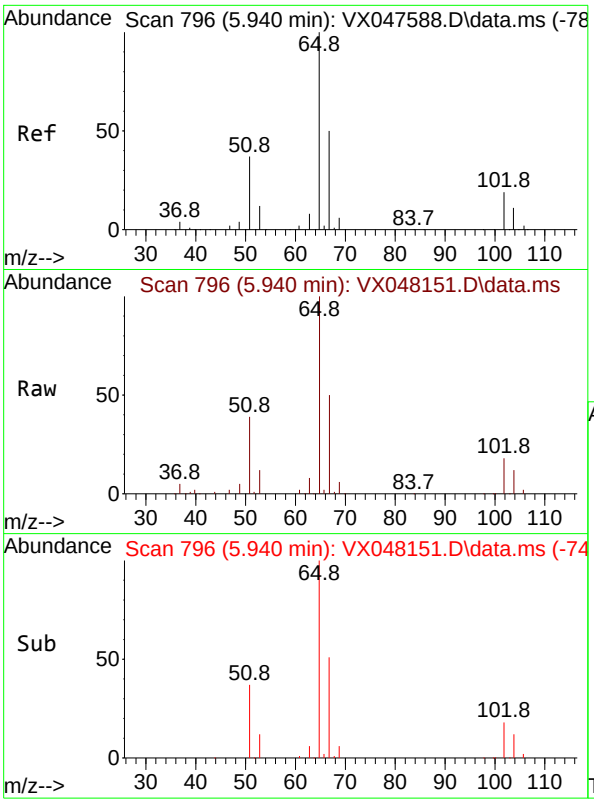


#32
1,1,1-Trichloroethane
Concen: 55.569 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 97 Resp: 140046

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	76.0
61	45.1	35.8	53.8



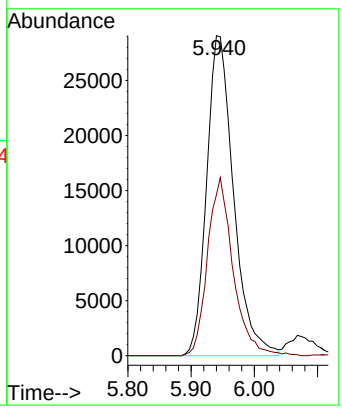


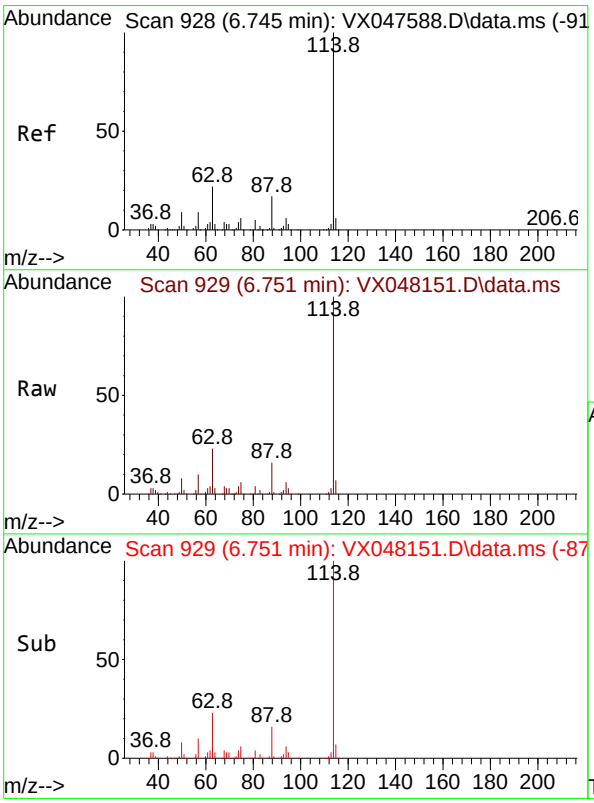
#33
1,2-Dichloroethane-d4
Concen: 46.374 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 85941

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.0

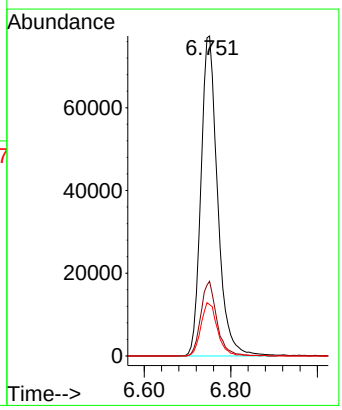


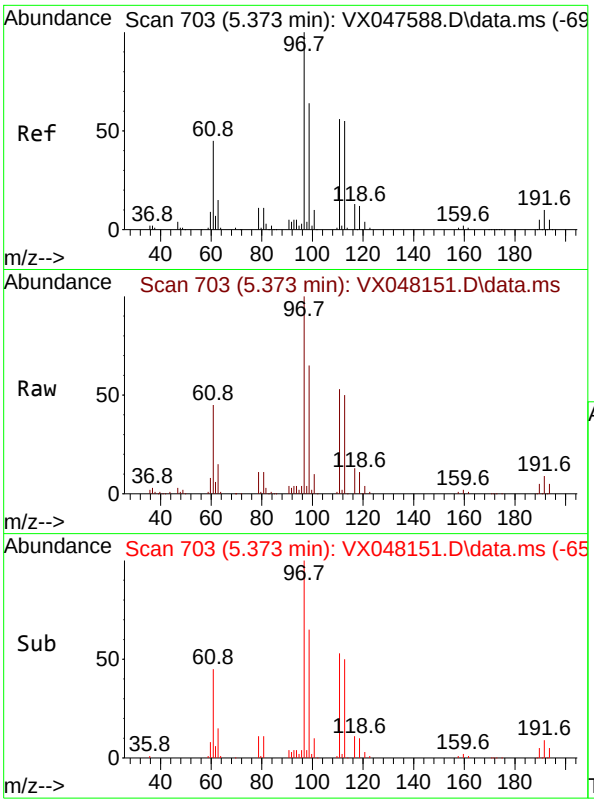


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:114 Resp: 206286

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	44.0
88	16.0	0.0	34.2



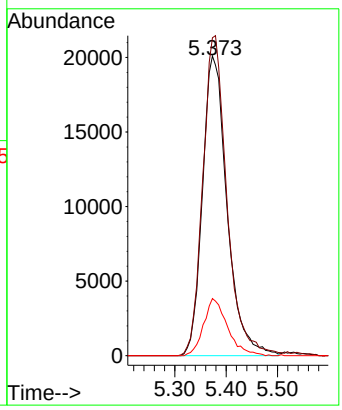


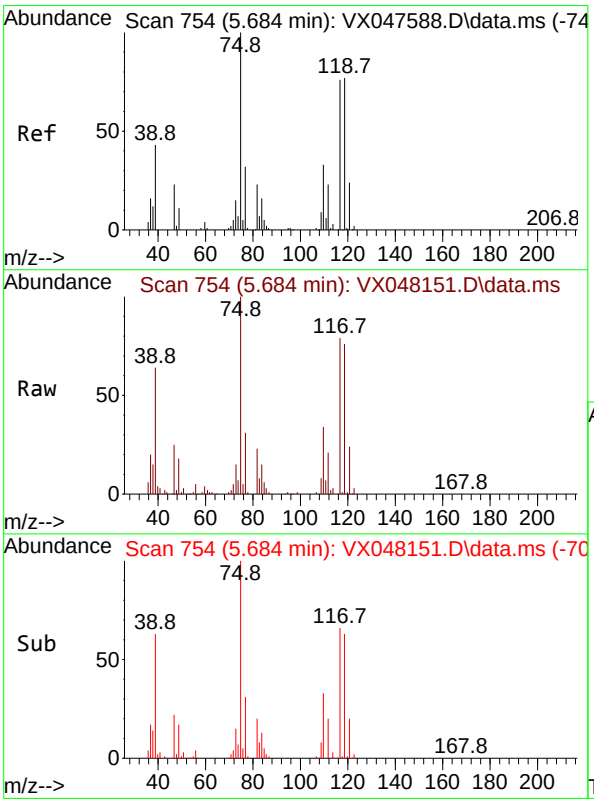
#35
Dibromofluoromethane
Concen: 48.287 ug/l
RT: 5.373 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 66803

Ion	Ratio	Lower	Upper
113	100		
111	104.9	80.9	121.3
192	18.6	14.2	21.4

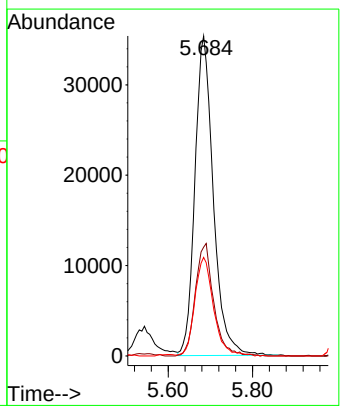


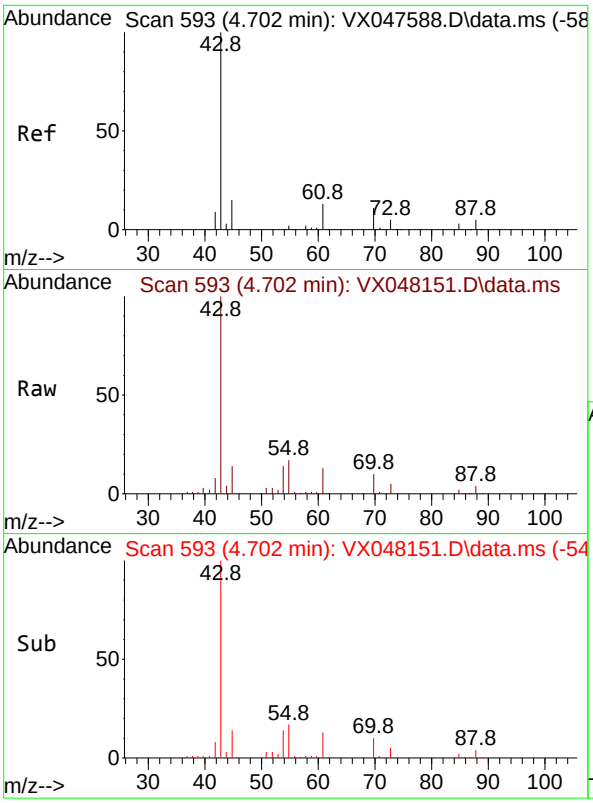


#36
1,1-Dichloropropene
Concen: 53.115 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 107376

Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.1
77	31.5	24.3	36.5



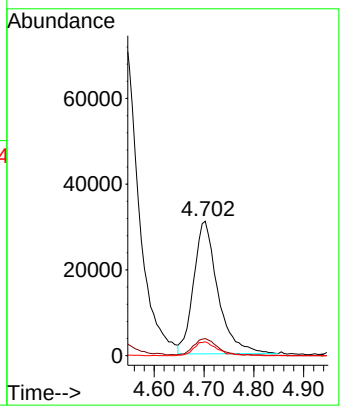


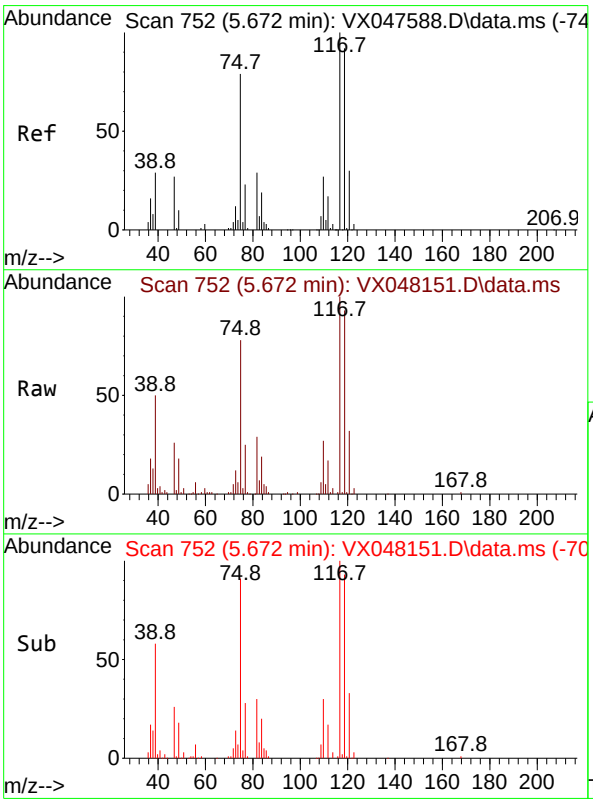
#37
Ethyl Acetate
Concen: 48.261 ug/l
RT: 4.702 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 104462

Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.8	14.8
70	10.2	7.9	11.9

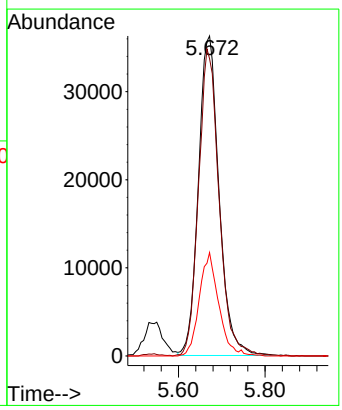


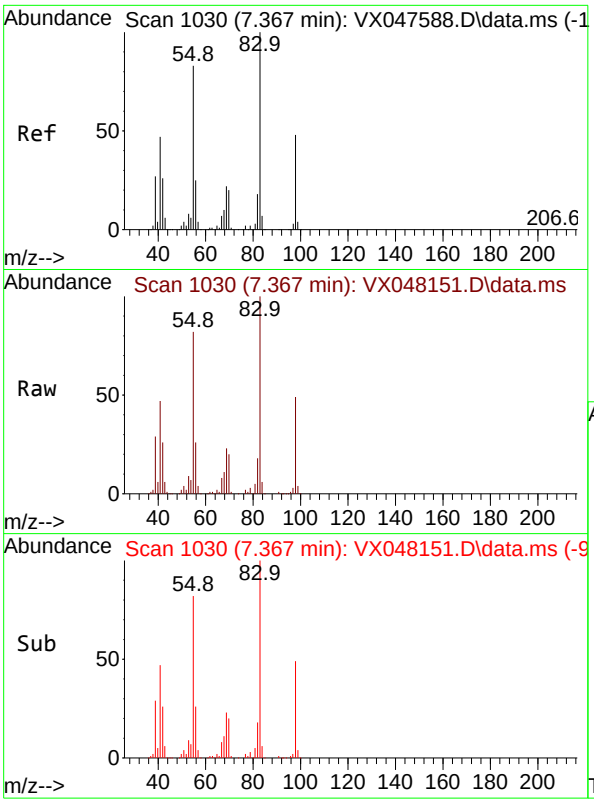


#38
Carbon Tetrachloride
Concen: 54.638 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:117 Resp: 120011

Ion	Ratio	Lower	Upper
117	100		
119	92.9	73.4	110.2
121	32.3	23.8	35.6



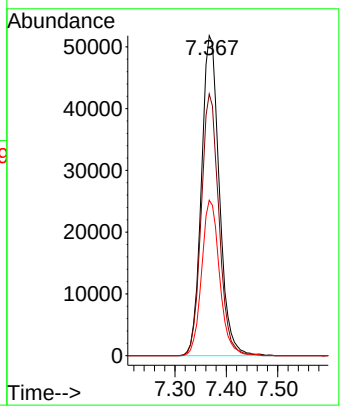


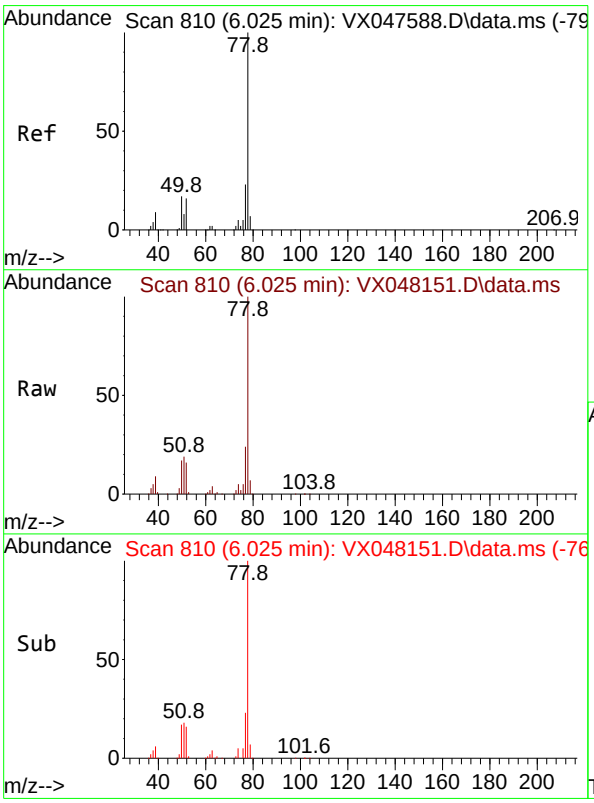
#39
Methylcyclohexane
Concen: 54.569 ug/l
RT: 7.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 125223

Ion	Ratio	Lower	Upper
83	100		
55	81.8	66.4	99.6
98	48.6	38.1	57.1

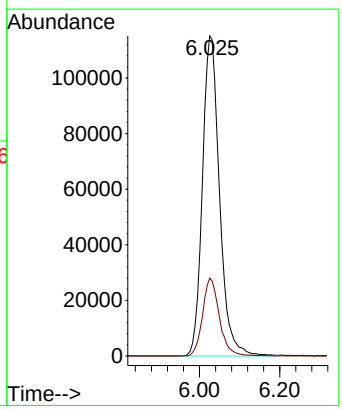


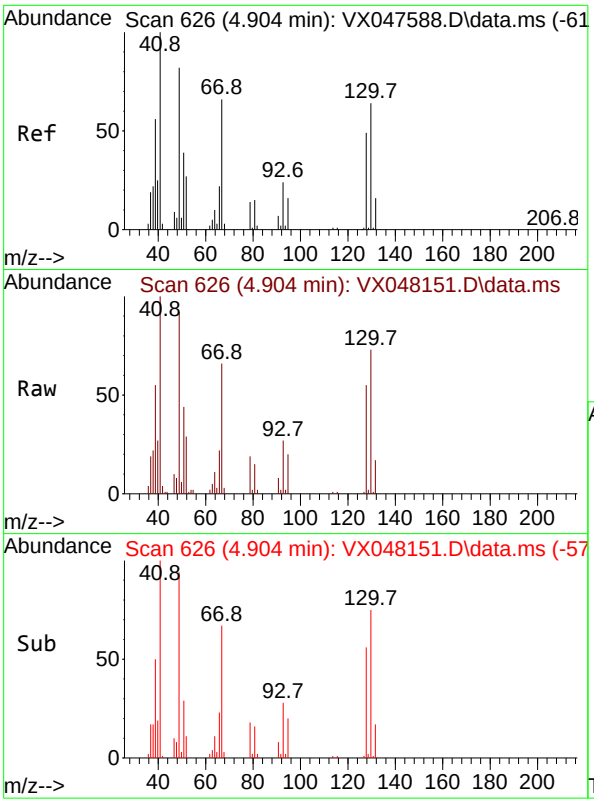


#40
Benzene
Concen: 55.471 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 78 Resp: 340597

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.8	28.2



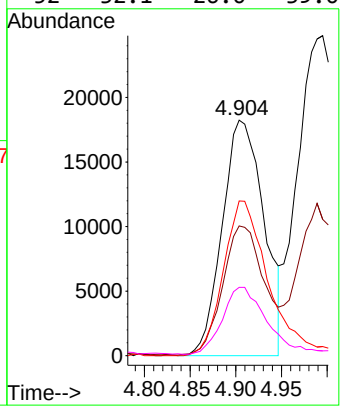


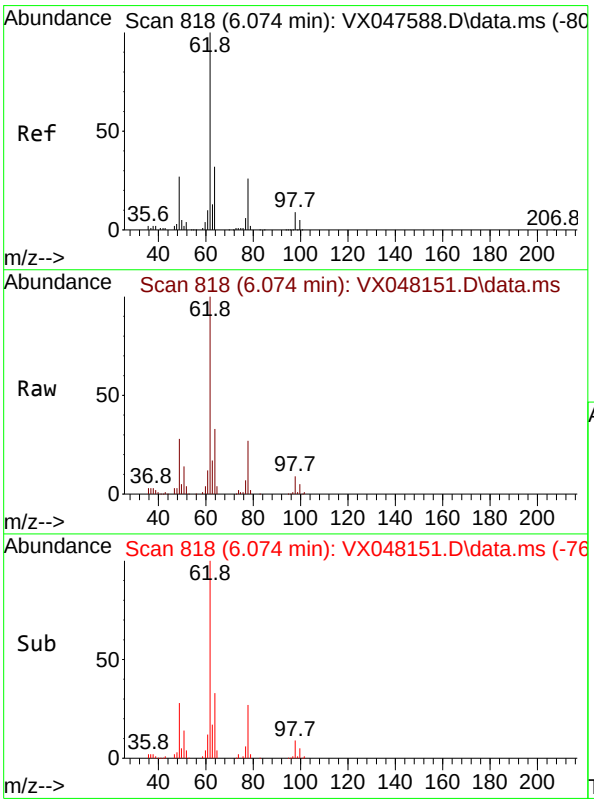
#41
Methacrylonitrile
Concen: 51.961 ug/l
RT: 4.904 min Scan# 6
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 58064

Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.3	64.9
67	72.2	58.6	87.8
52	32.1	26.0	39.0

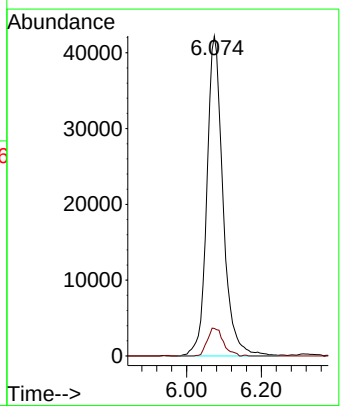


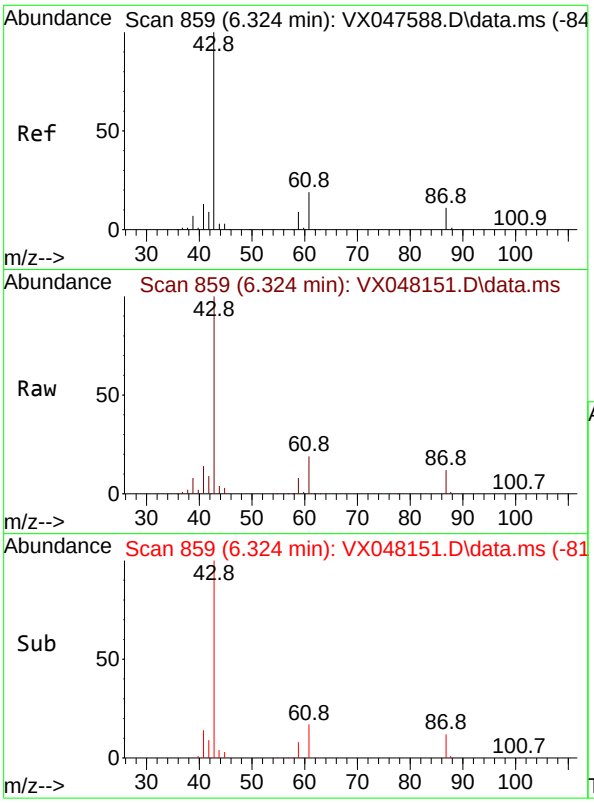


#42
1,2-Dichloroethane
Concen: 54.137 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 62 Resp: 126475

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0



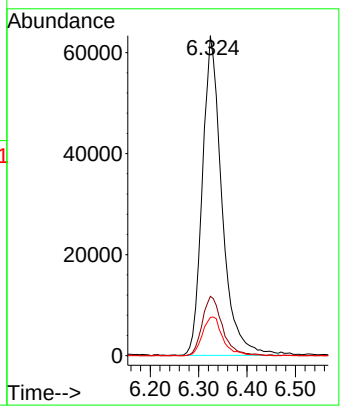


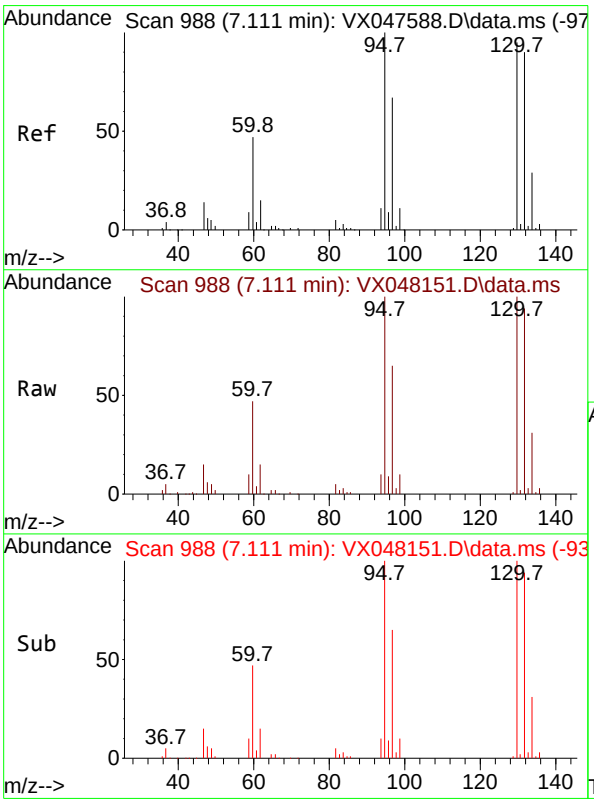
#43
Isopropyl Acetate
Concen: 50.130 ug/l
RT: 6.324 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 177959

Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.2	22.8
87	12.6	9.6	14.4

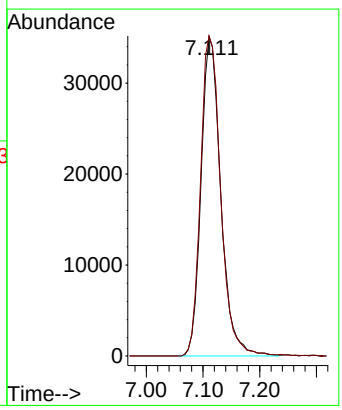


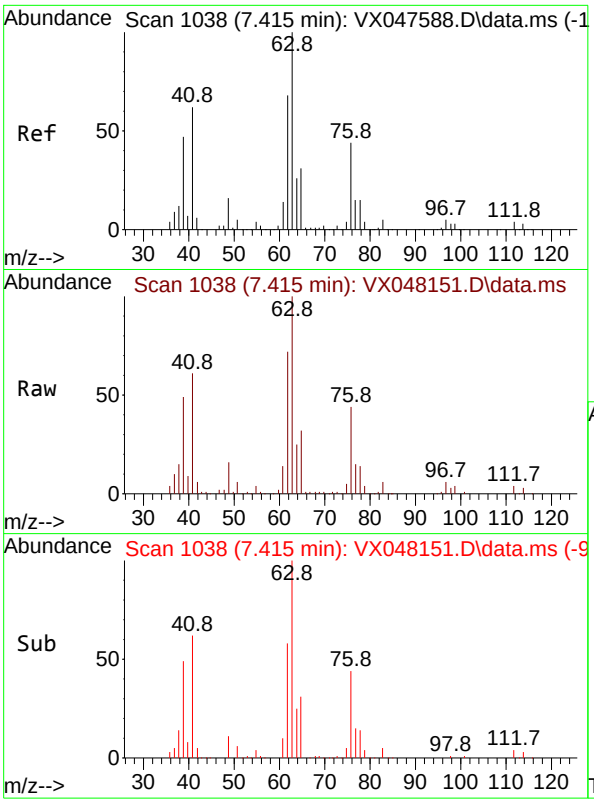


#44
Trichloroethene
Concen: 57.022 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:130 Resp: 84645

Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	210.8



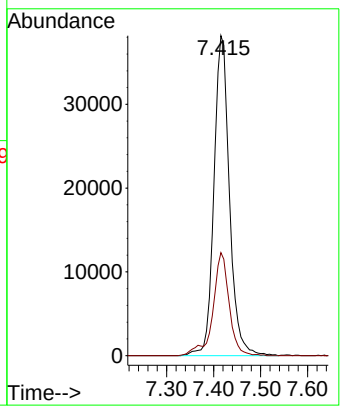


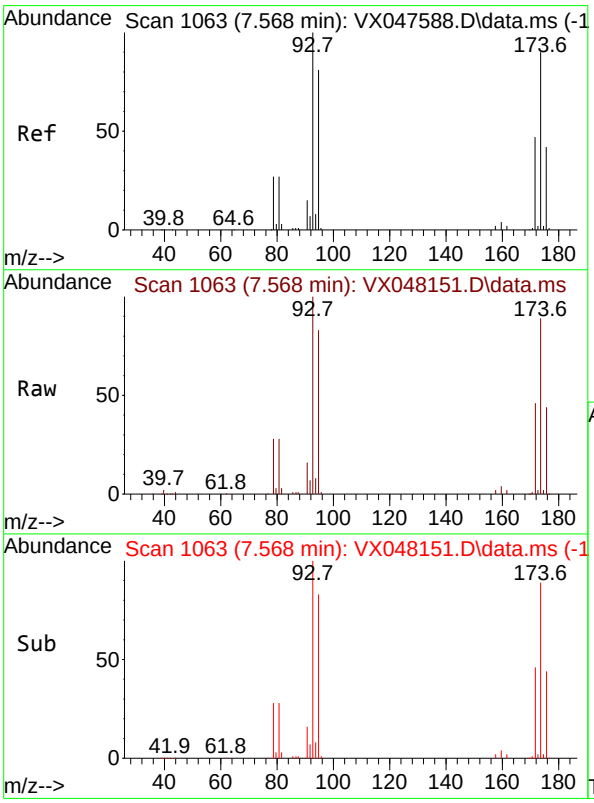
#45
1,2-Dichloropropane
Concen: 55.794 ug/l
RT: 7.415 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 87721

Ion	Ratio	Lower	Upper
63	100		
65	32.2	24.7	37.1

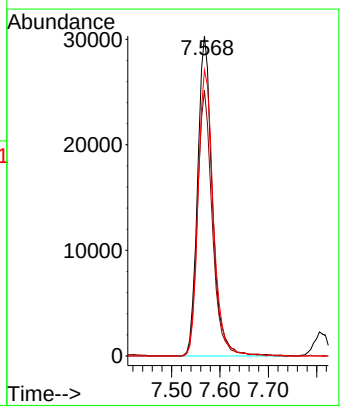


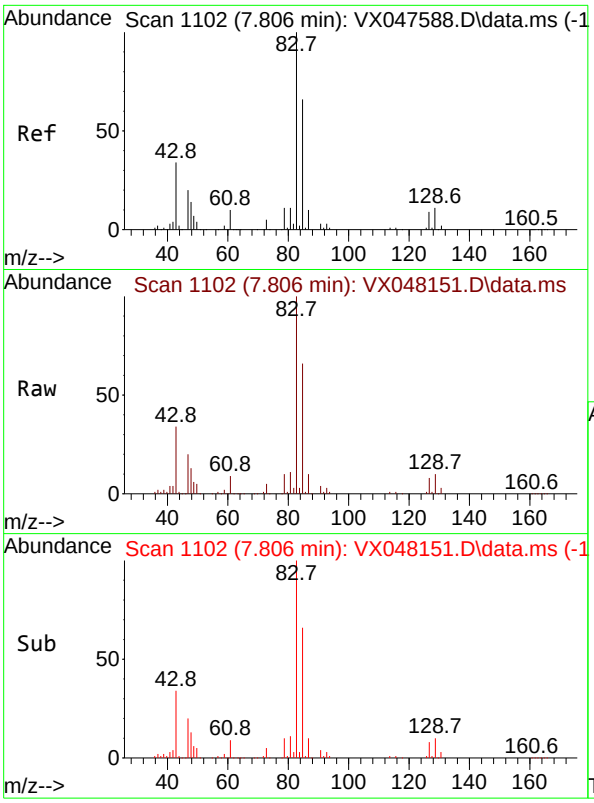


#46
Dibromomethane
Concen: 55.970 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 93 Resp: 64036

Ion	Ratio	Lower	Upper
93	100		
95	83.4	65.0	97.6
174	92.1	71.6	107.4



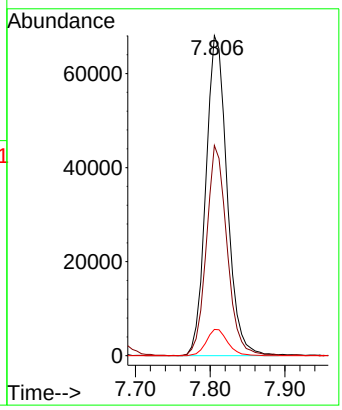


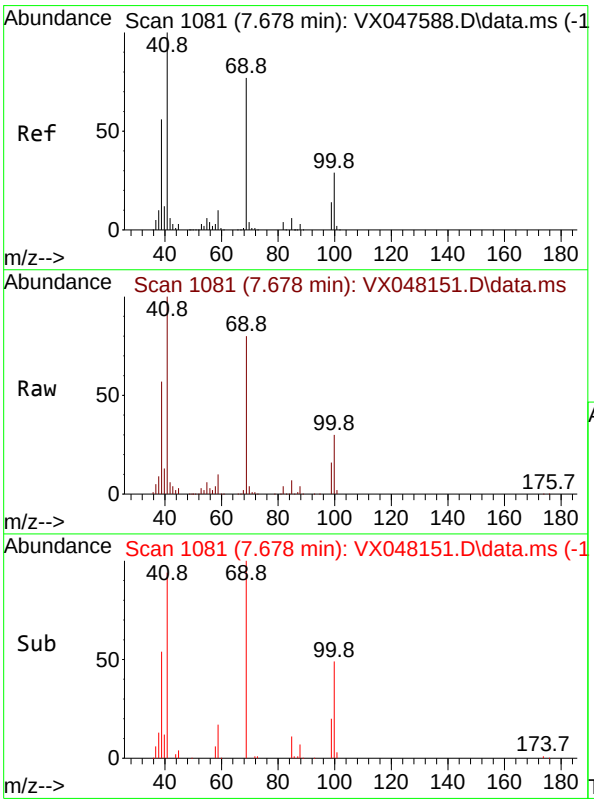
#47
Bromodichloromethane
Concen: 56.806 ug/l
RT: 7.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 134116

Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.5	78.7
127	8.2	6.9	10.3

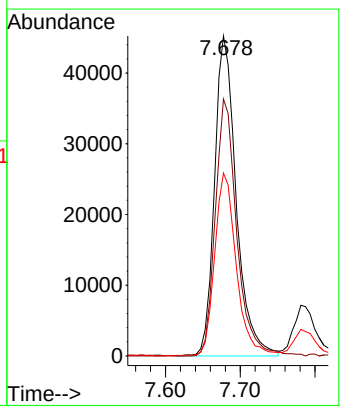


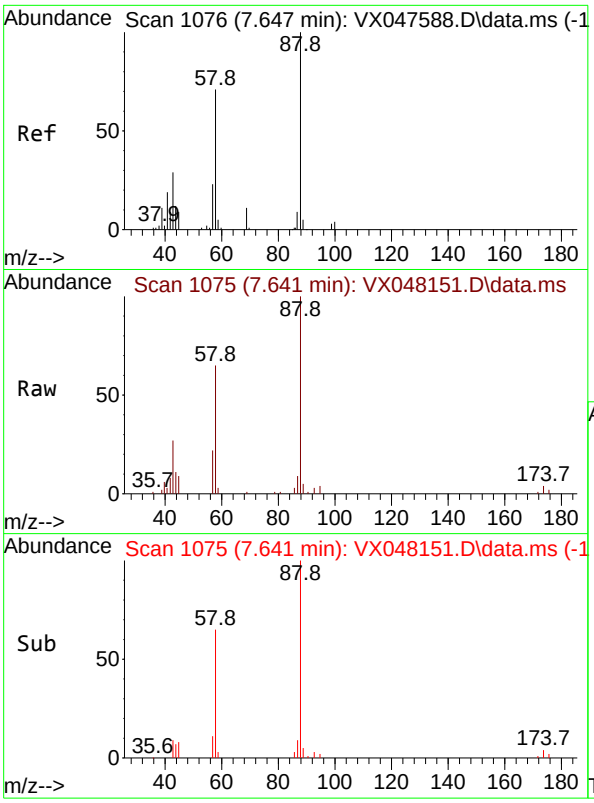


#48
Methyl methacrylate
Concen: 51.684 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 41 Resp: 91392

Ion	Ratio	Lower	Upper
41	100		
69	79.7	61.4	92.2
39	57.1	45.8	68.6



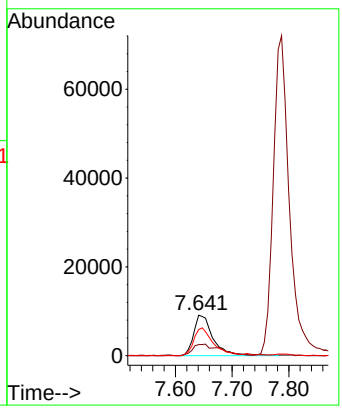


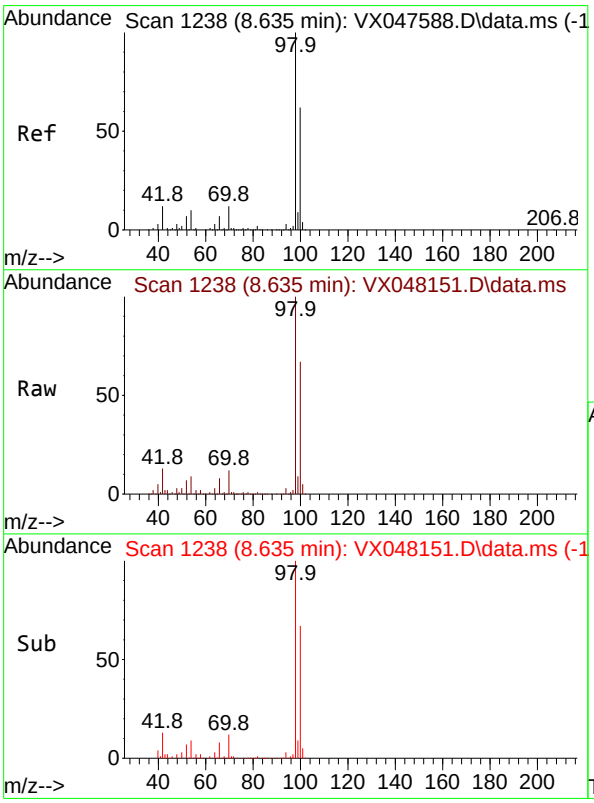
#49
1,4-Dioxane
Concen: 1223.595 ug/l
RT: 7.641 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 21866

Ion	Ratio	Lower	Upper
88	100		
43	39.5	30.2	45.2
58	68.7	59.5	89.3

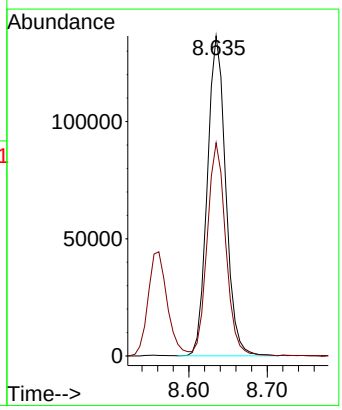


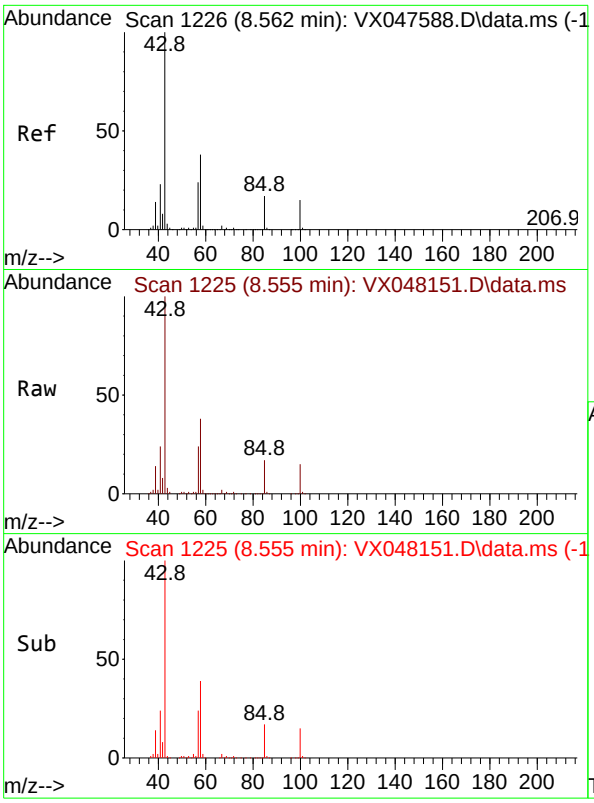


#50
Toluene-d8
Concen: 46.467 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 98 Resp: 222442

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4



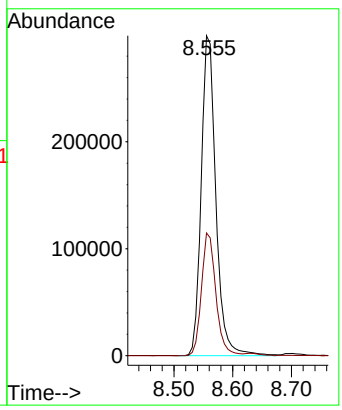


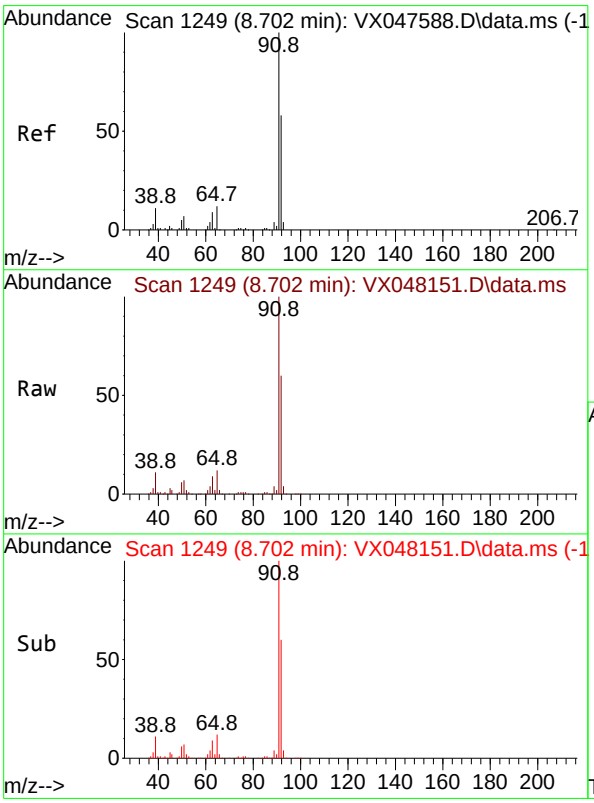
#51
4-Methyl-2-Pentanone
Concen: 264.050 ug/l
RT: 8.555 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 519717

Ion	Ratio	Lower	Upper
43	100		
58	37.7	30.3	45.5

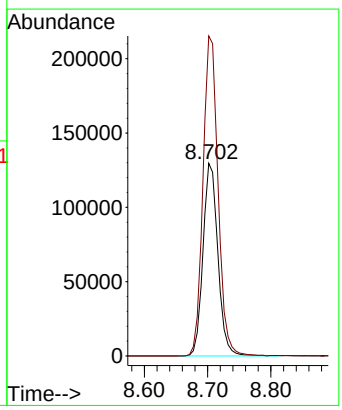


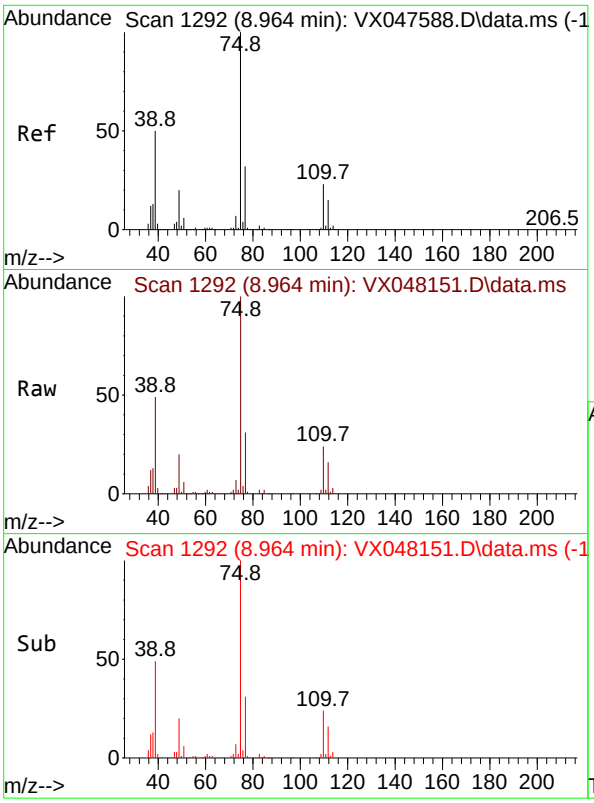


#52
Toluene
Concen: 56.100 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 92 Resp: 212219

Ion	Ratio	Lower	Upper
92	100		
91	168.4	137.1	205.7



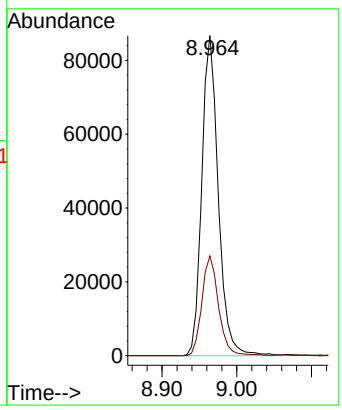


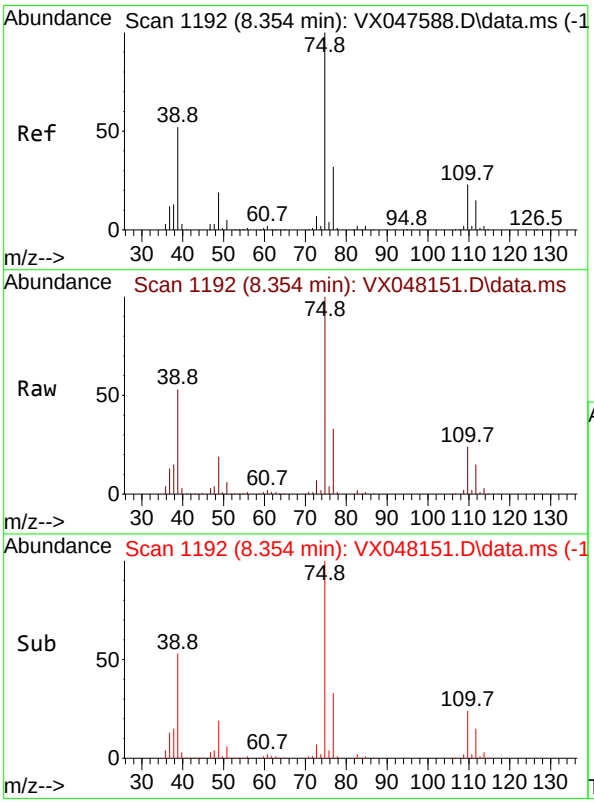
#53
t-1,3-Dichloropropene
Concen: 55.226 ug/l
RT: 8.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 132994

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.2

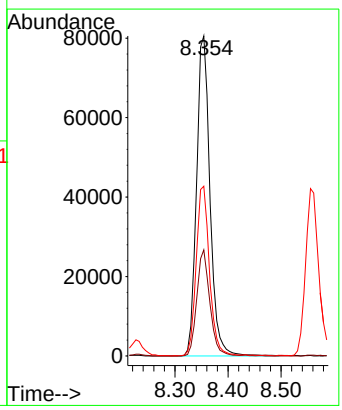


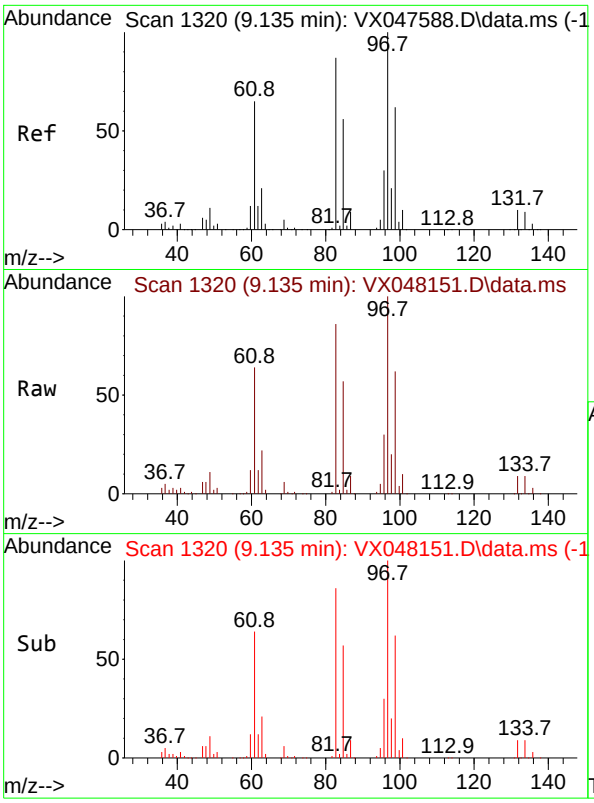


#54
cis-1,3-Dichloropropene
Concen: 55.148 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 141949

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.8	38.6
39	53.0	41.4	62.2



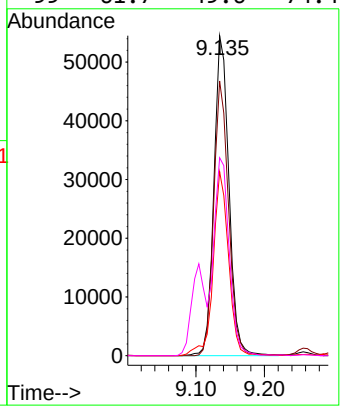


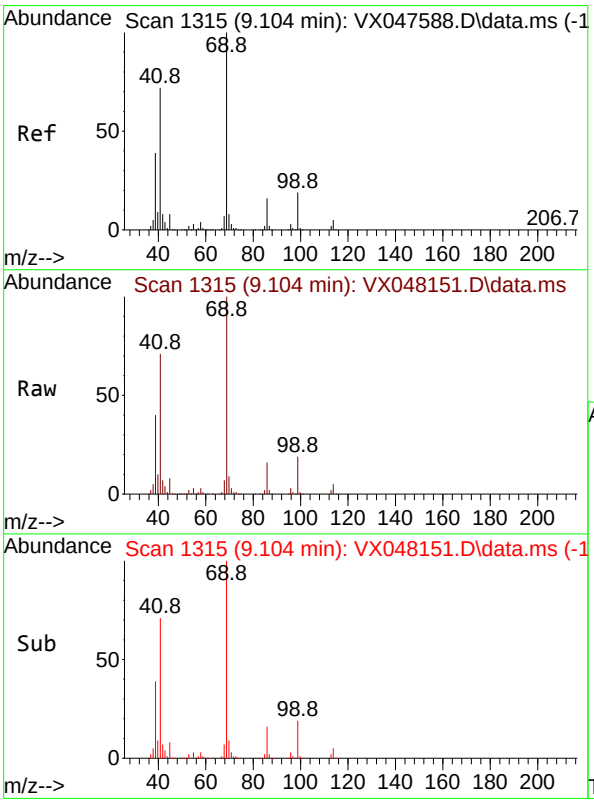
#55
1,1,2-Trichloroethane
Concen: 56.718 ug/l
RT: 9.135 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 82732

Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.6	104.4
85	57.5	45.0	67.6
99	61.7	49.6	74.4

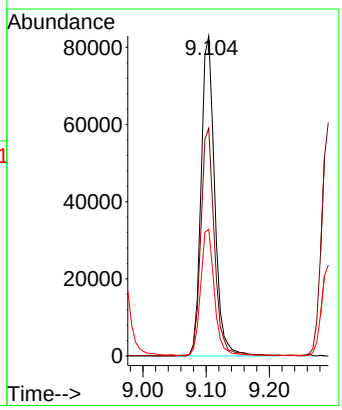


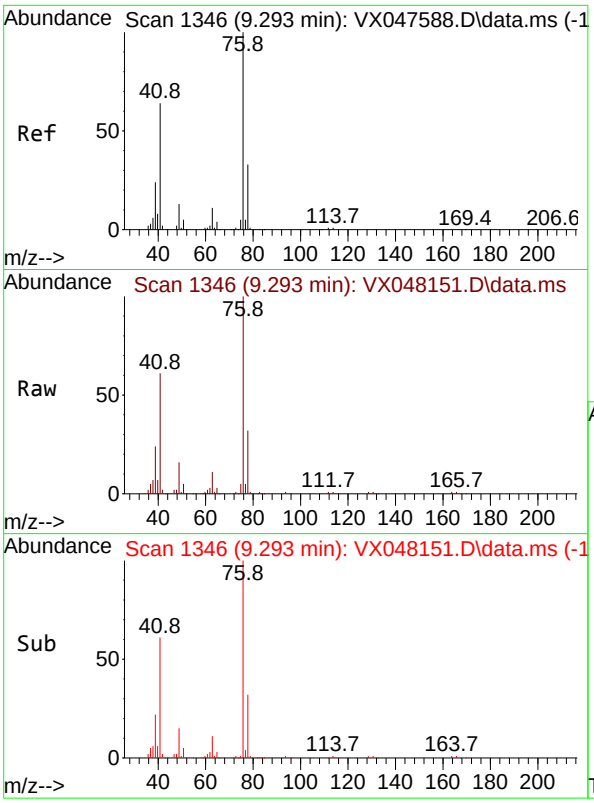


#56
Ethyl methacrylate
Concen: 54.131 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 69 Resp: 124001

Ion	Ratio	Lower	Upper
69	100		
41	71.6	58.6	87.8
39	39.9	31.5	47.3



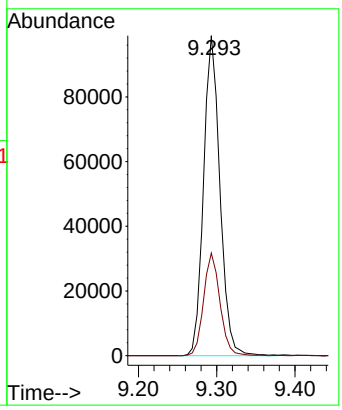


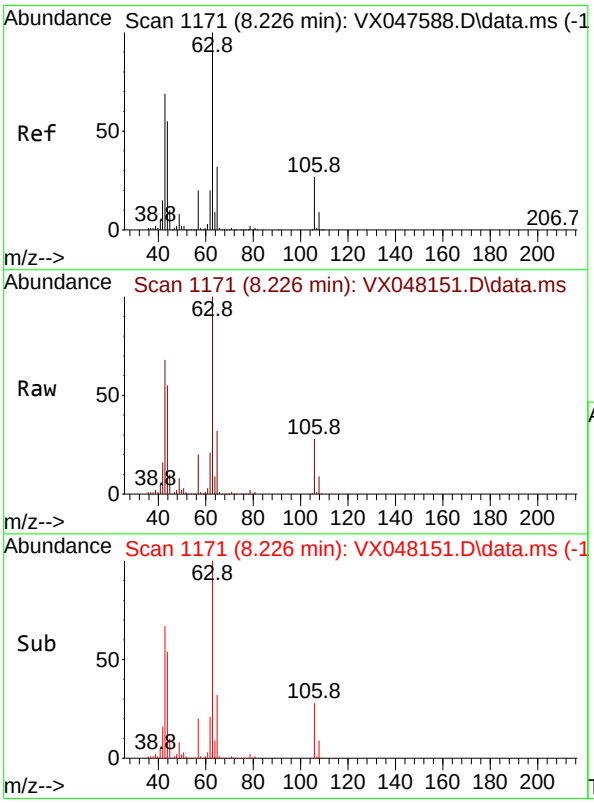
#57
1,3-Dichloropropane
Concen: 57.240 ug/l
RT: 9.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 143428

Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.2	39.4

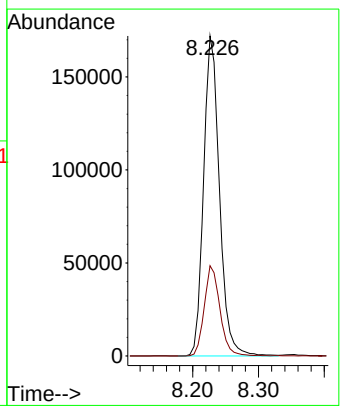


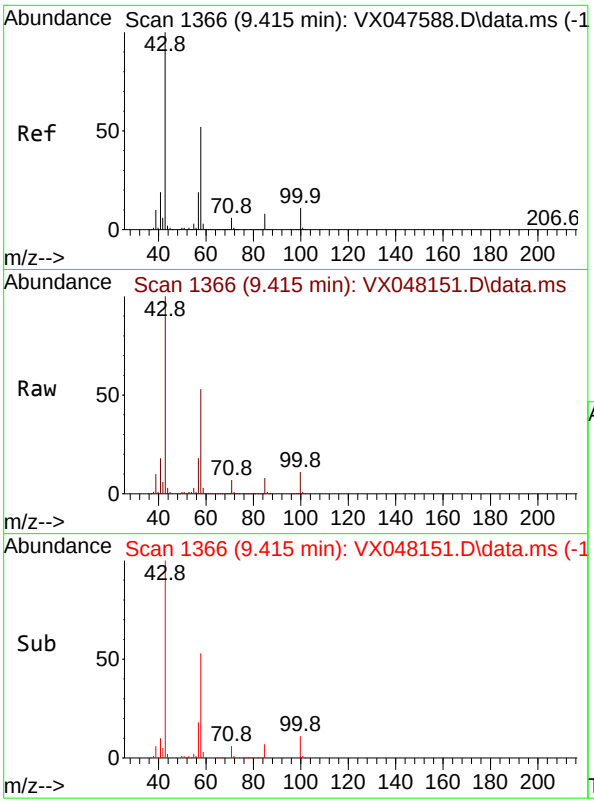


#58
2-Chloroethyl Vinyl ether
Concen: 263.185 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 63 Resp: 289078

Ion	Ratio	Lower	Upper
63	100		
106	27.9	21.9	32.9



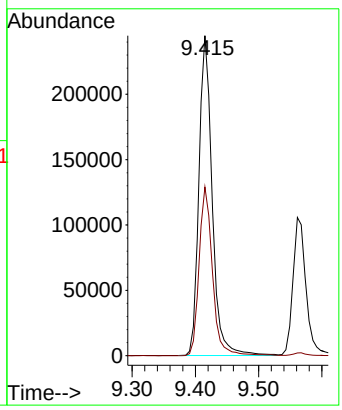


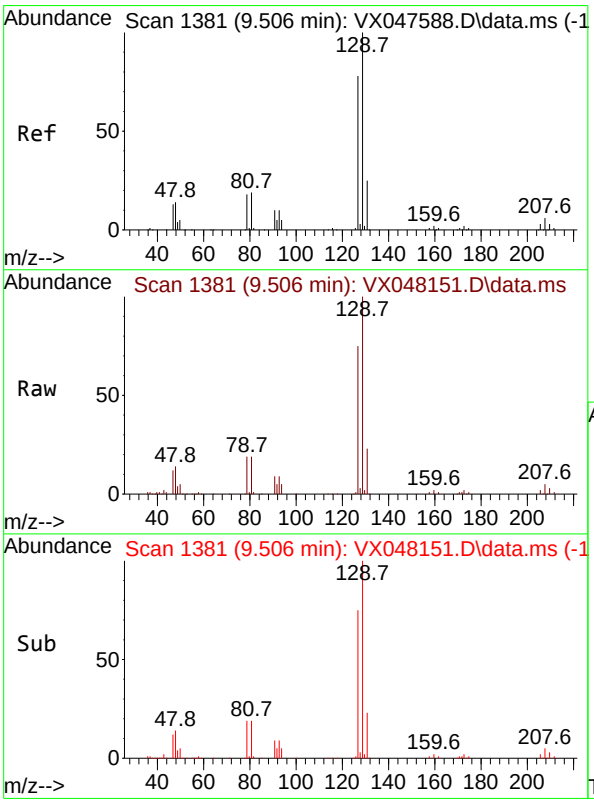
#59
2-Hexanone
Concen: 253.109 ug/l
RT: 9.415 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 357796

Ion	Ratio	Lower	Upper
43	100		
58	53.2	26.1	78.2

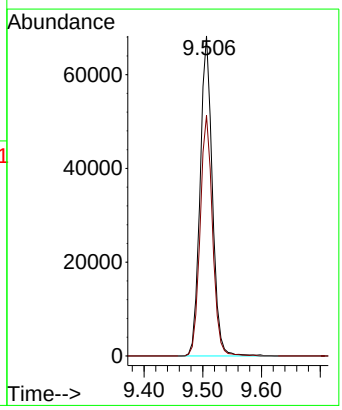


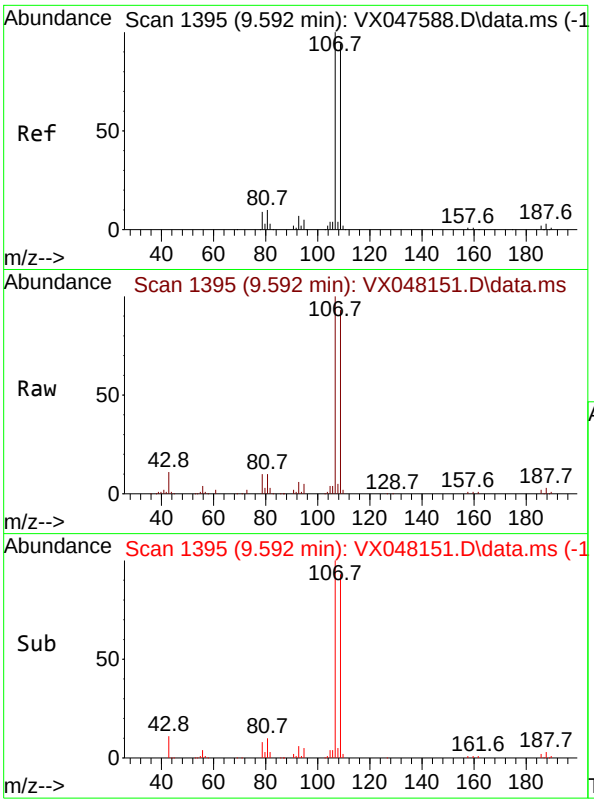


#60
Dibromochloromethane
Concen: 58.796 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:129 Resp: 98818

Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.4	115.2



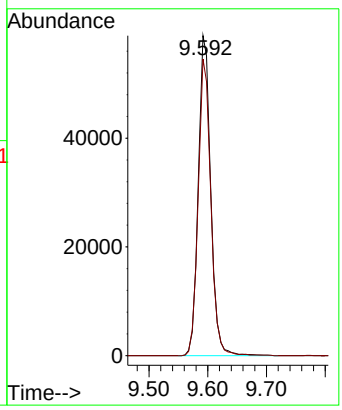


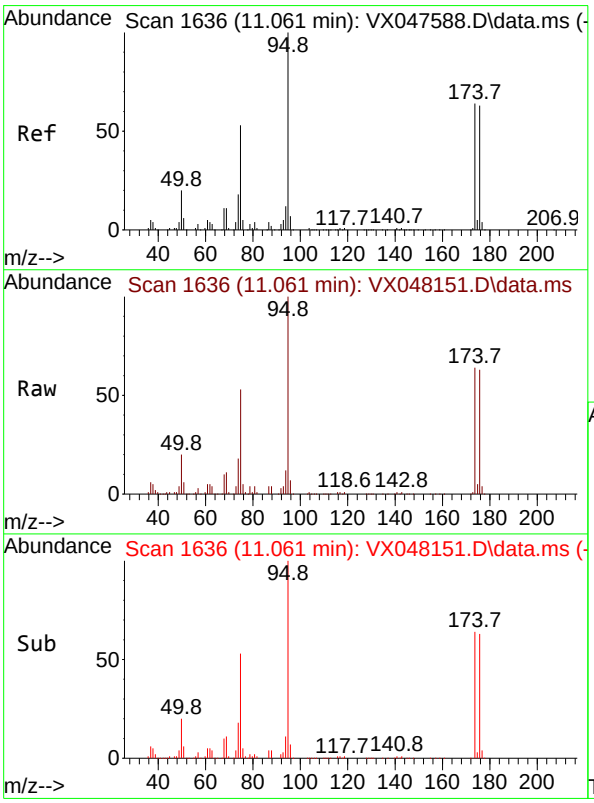
#61
1,2-Dibromoethane
Concen: 58.369 ug/l
RT: 9.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 86719

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.3	112.9

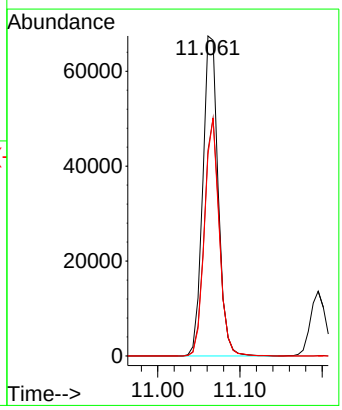


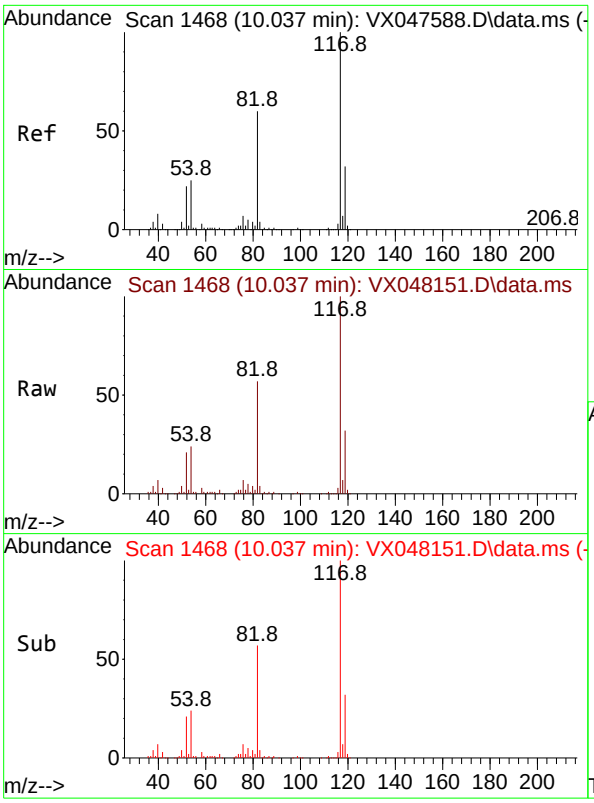


#62
4-Bromofluorobenzene
Concen: 48.371 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 95 Resp: 87879

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	141.6
176	70.8	0.0	138.4



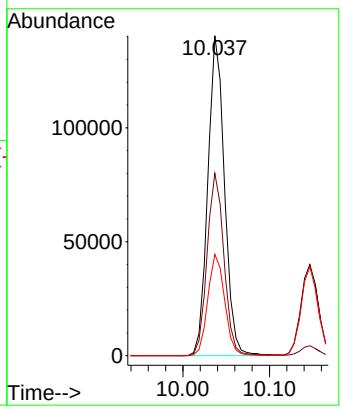


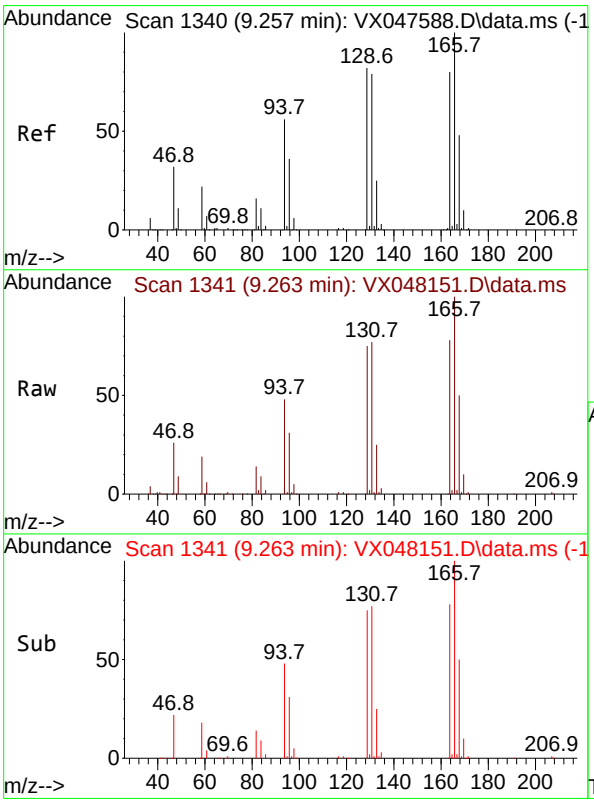
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 187903

Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.8	71.6
119	31.7	25.2	37.8

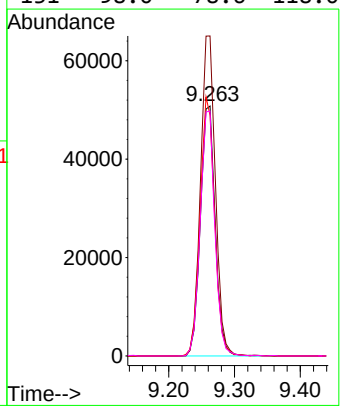


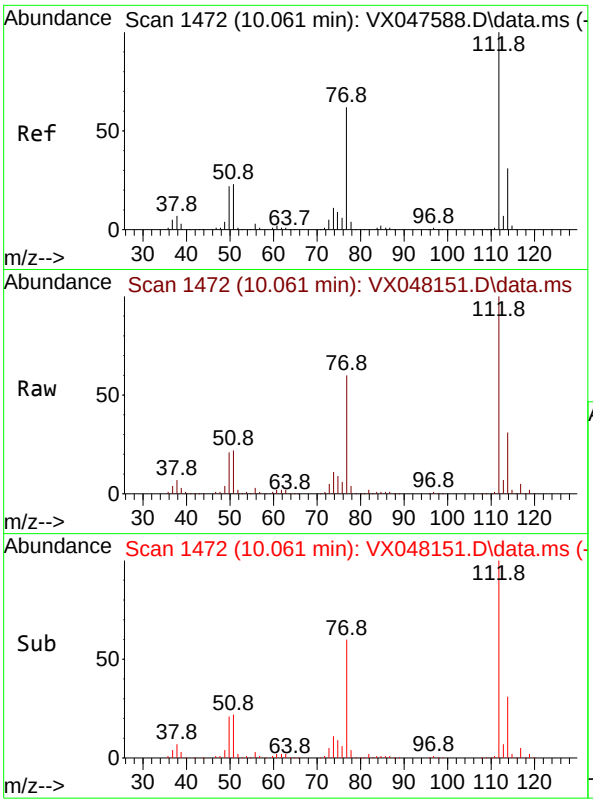


#64
Tetrachloroethene
Concen: 64.719 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:164 Resp: 79276

Ion	Ratio	Lower	Upper
164	100		
166	128.0	100.2	150.2
129	96.2	81.8	122.6
131	98.0	78.6	118.0



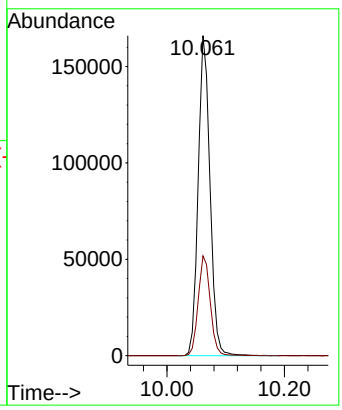


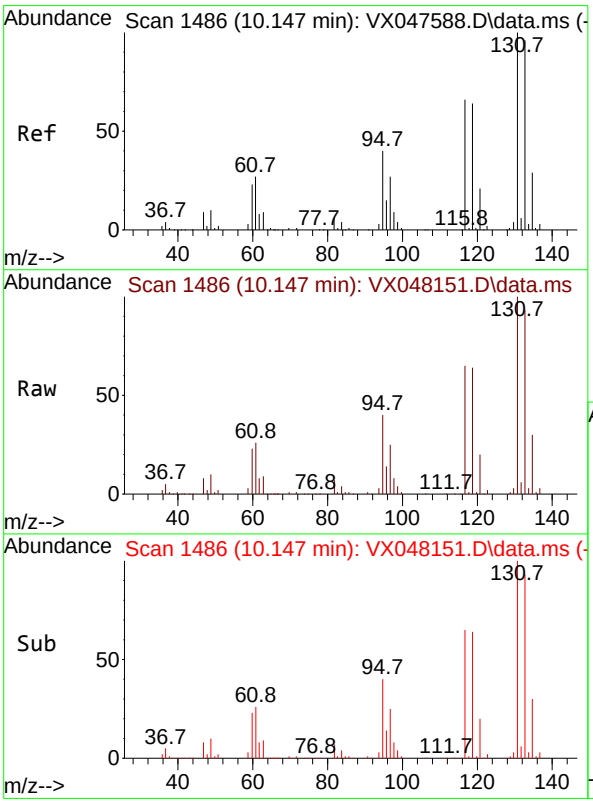
#65
Chlorobenzene
Concen: 54.277 ug/l
RT: 10.061 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 231696

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.1	37.7

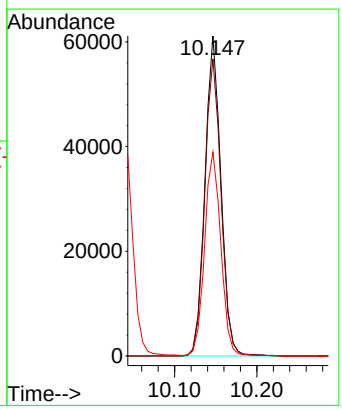


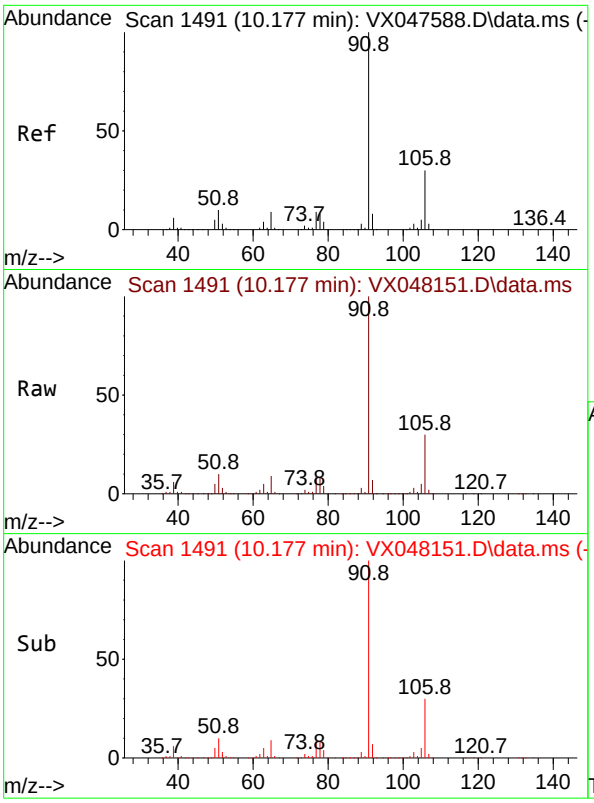


#66
1,1,1,2-Tetrachloroethane
Concen: 56.099 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:131 Resp: 82637

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.3	142.0
119	64.8	32.0	96.0



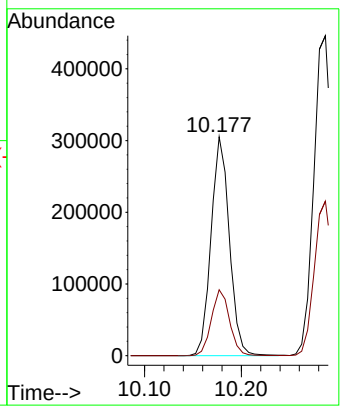


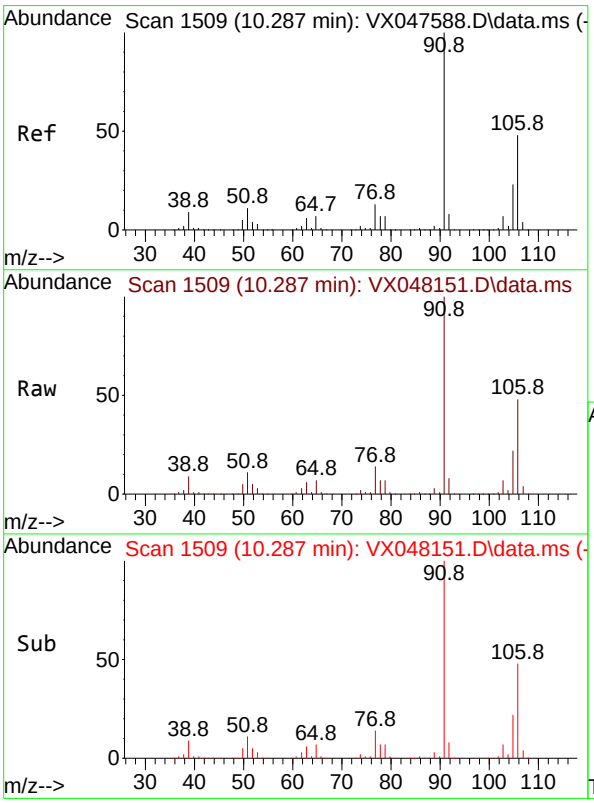
#67
Ethyl Benzene
Concen: 54.455 ug/l
RT: 10.177 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 401089

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.3	36.5

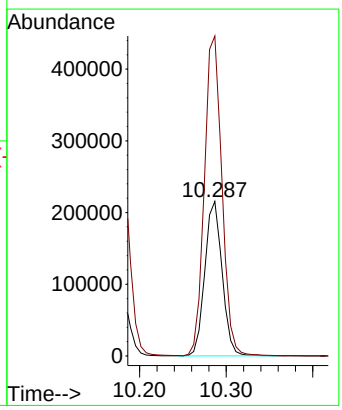


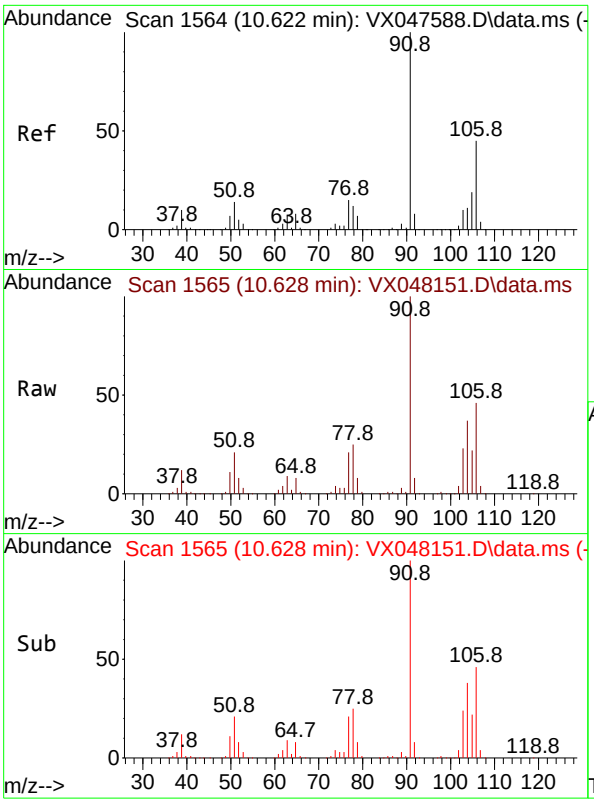


#68
m/p-Xylenes
Concen: 108.894 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:106 Resp: 298533

Ion	Ratio	Lower	Upper
106	100		
91	210.4	167.8	251.8



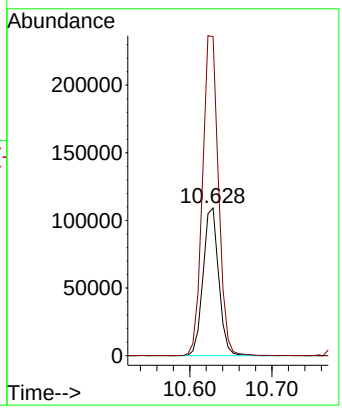


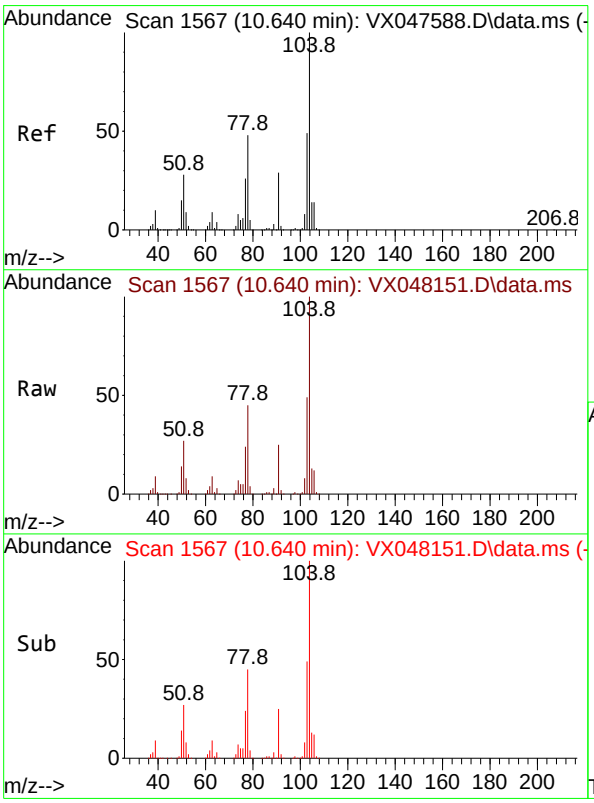
#69
o-Xylene
Concen: 54.314 ug/l
RT: 10.628 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 144023

Ion	Ratio	Lower	Upper
106	100		
91	221.8	111.1	333.4

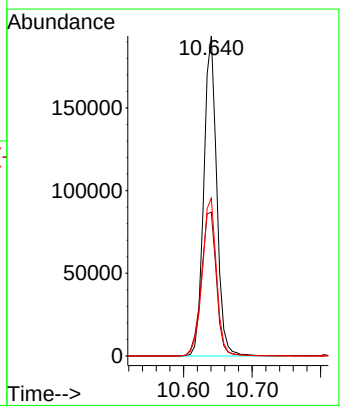


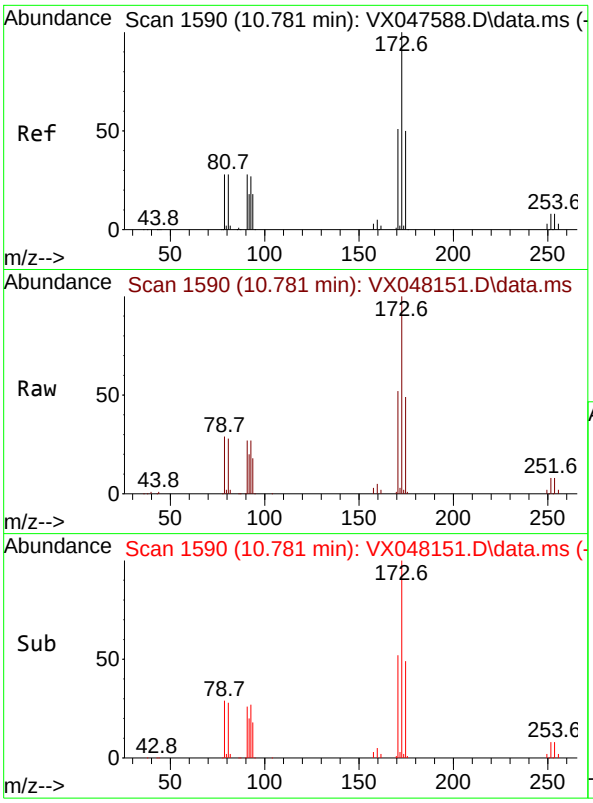


#70
Styrene
Concen: 54.833 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:104 Resp: 254769

Ion	Ratio	Lower	Upper
104	100		
78	52.4	43.1	64.7
103	54.3	43.1	64.7



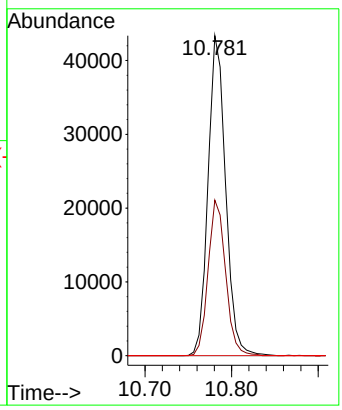


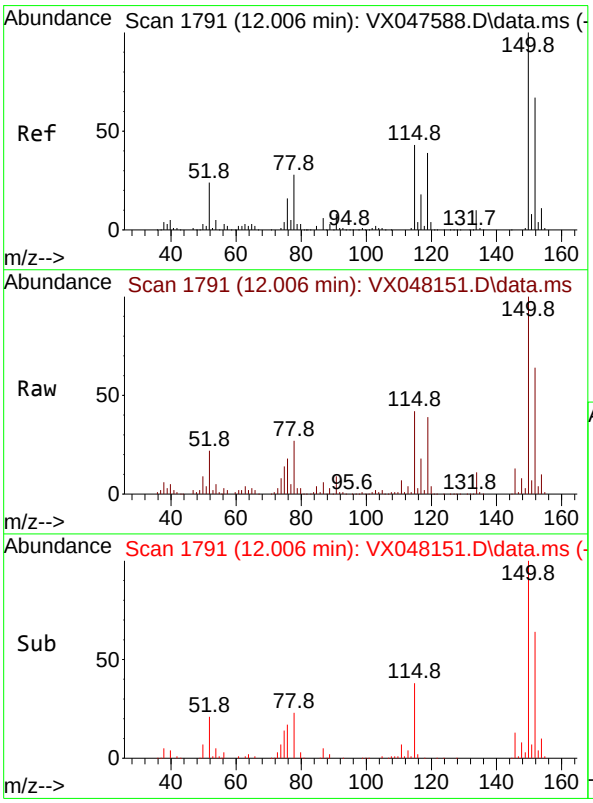
#71
Bromoform
Concen: 55.561 ug/l
RT: 10.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 61112

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.1	0.1#

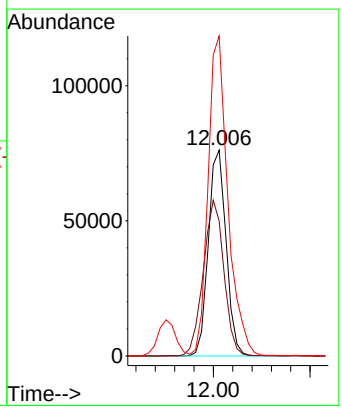


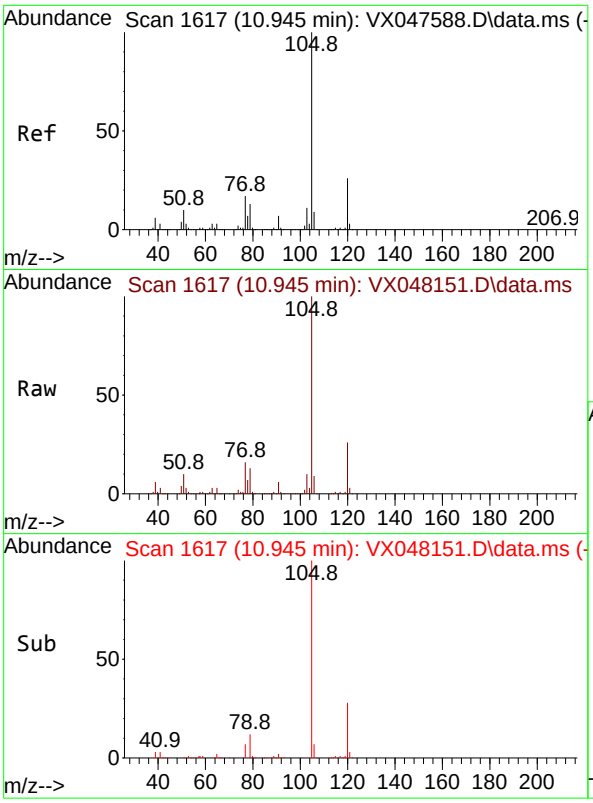


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:152 Resp: 97364

Ion	Ratio	Lower	Upper
152	100		
115	88.0	44.9	134.5
150	172.7	0.0	352.0



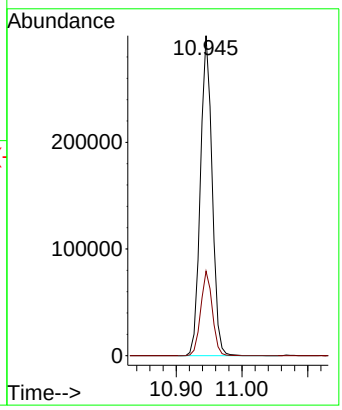


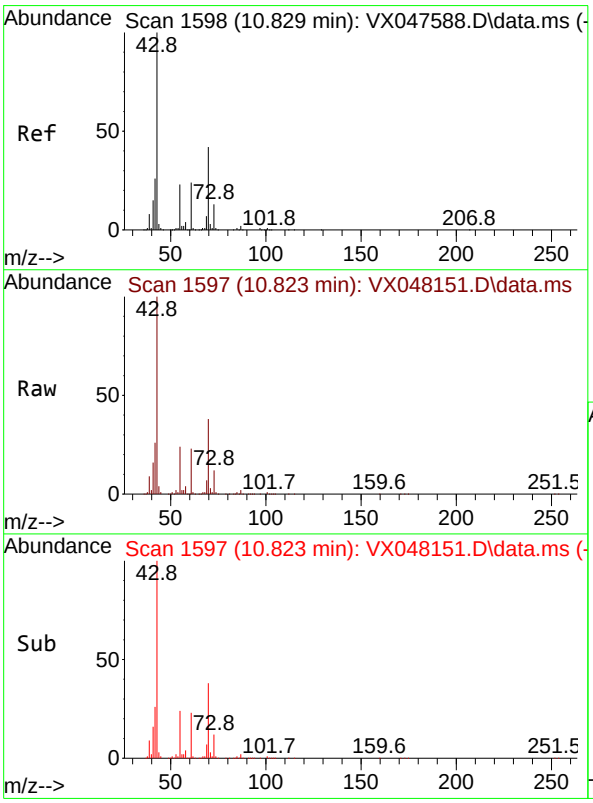
#73
Isopropylbenzene
Concen: 50.197 ug/l
RT: 10.945 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 371566

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4

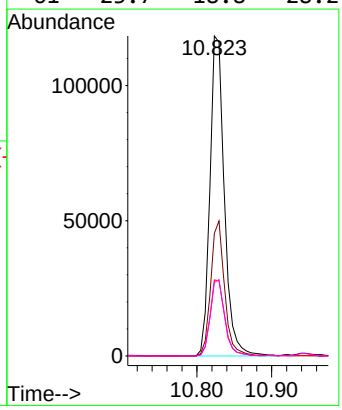


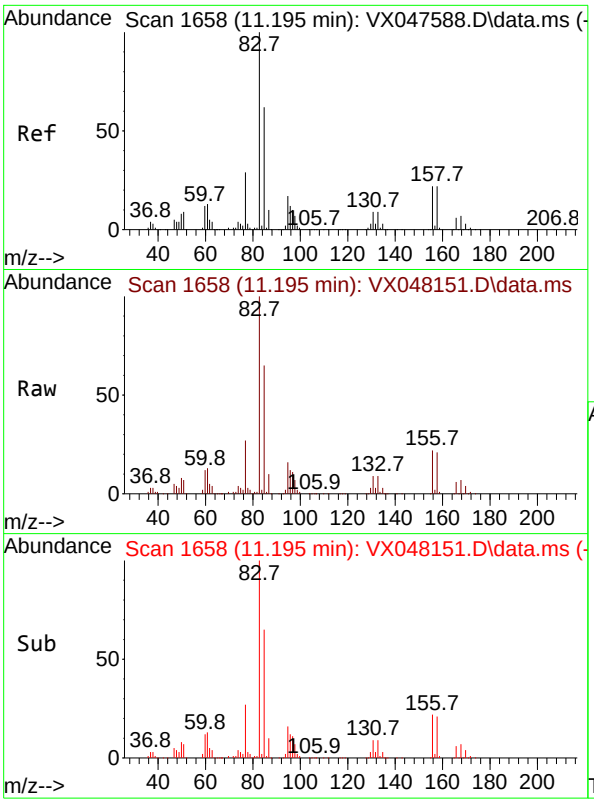


#74
N-amyl acetate
Concen: 47.116 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 159040

Ion	Ratio	Lower	Upper
43	100		
70	40.8	32.0	48.0
55	24.3	18.9	28.3
61	23.7	18.8	28.2



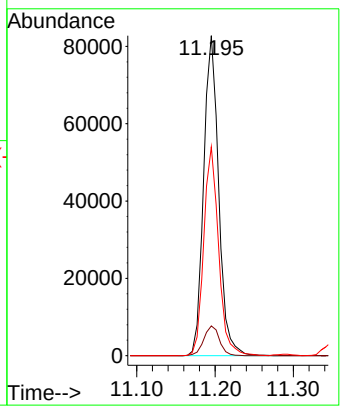


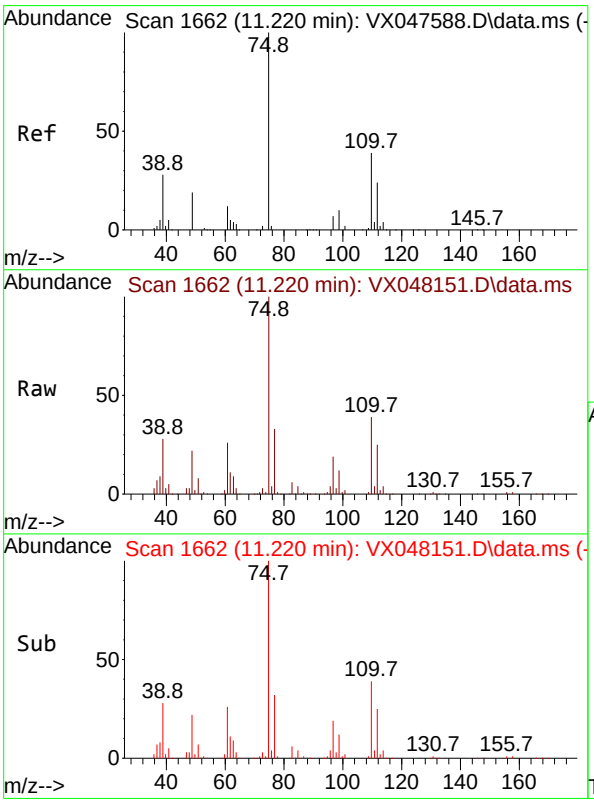
#75
1,1,2,2-Tetrachloroethane
Concen: 49.079 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 109915

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	64.6	31.6	95.0

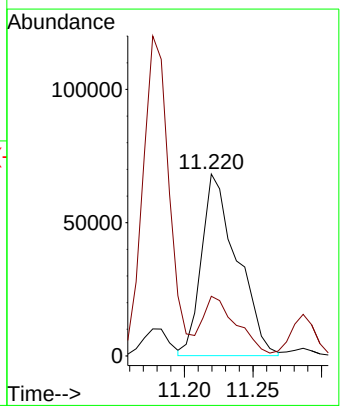


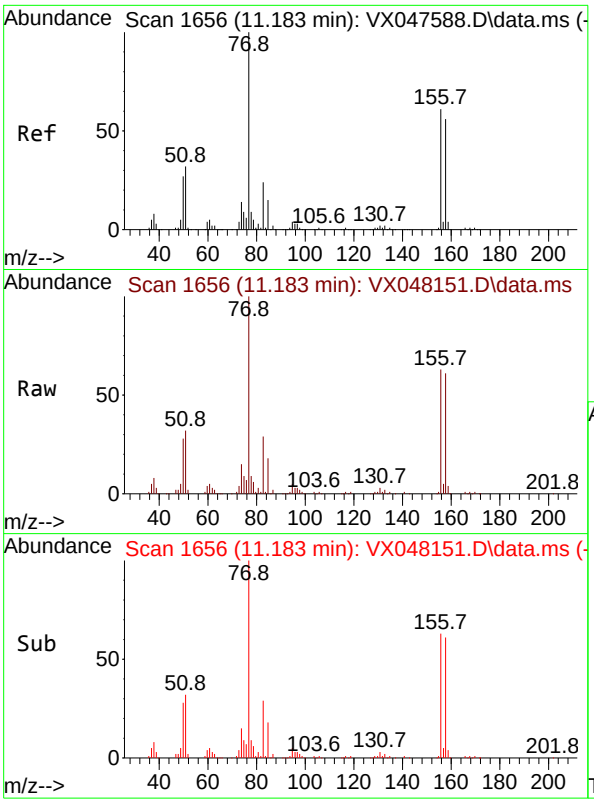


#76
1,2,3-Trichloropropane
Concen: 62.610 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 123424

Ion	Ratio	Lower	Upper
75	100		
77	30.6	18.8	56.4



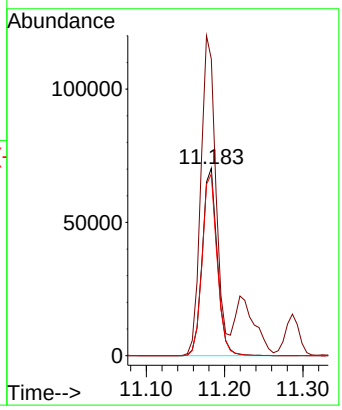


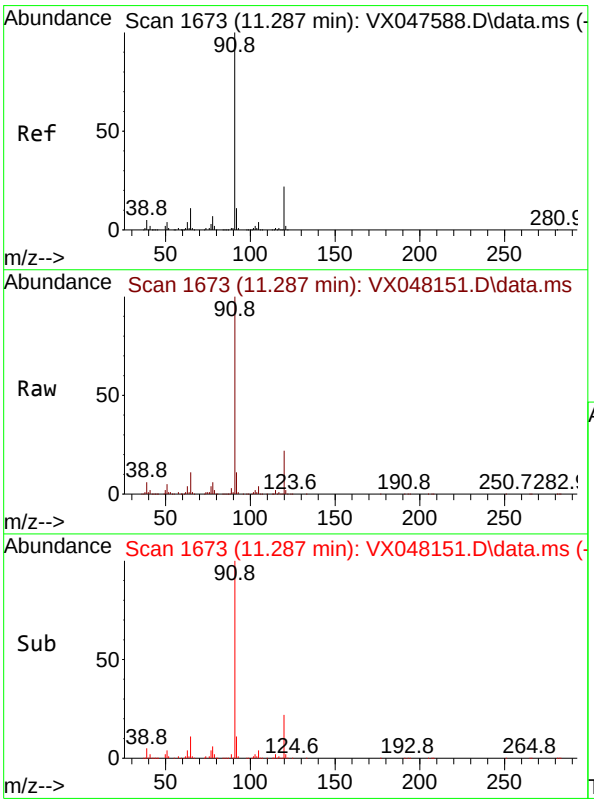
#77
Bromobenzene
Concen: 51.050 ug/l
RT: 11.183 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 93071

Ion	Ratio	Lower	Upper
156	100		
77	173.3	89.7	269.1
158	97.3	47.9	143.6

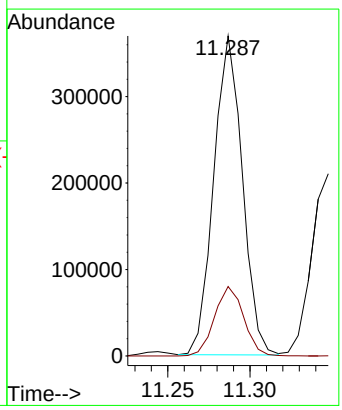


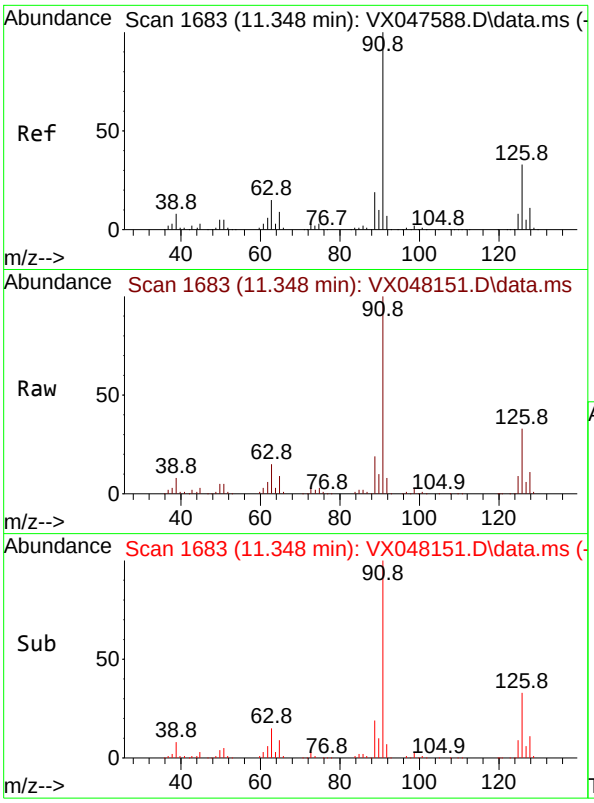


#78
n-propylbenzene
Concen: 50.987 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 91 Resp: 446153

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1



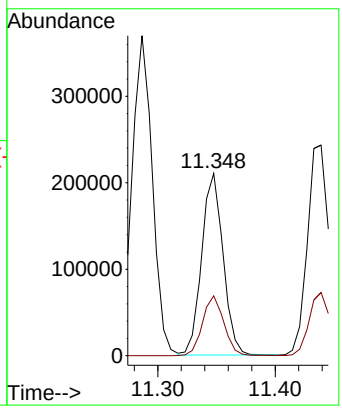


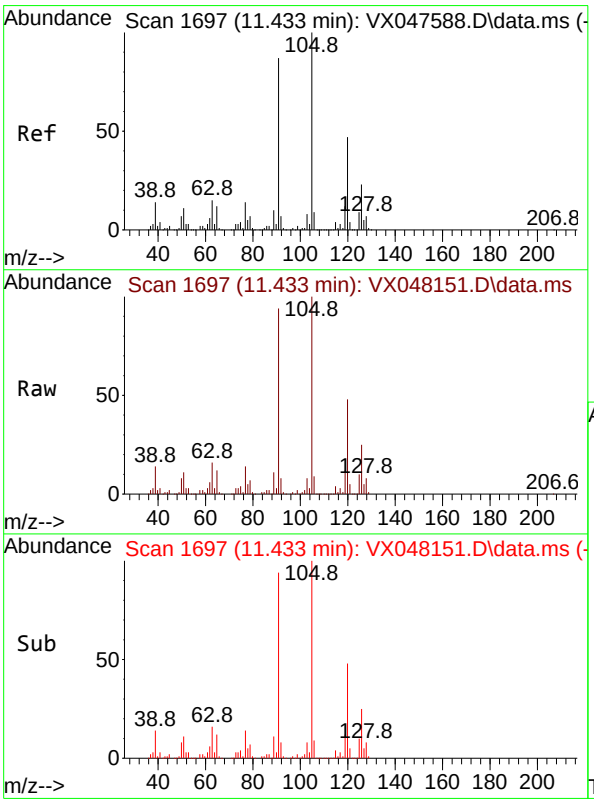
#79
2-Chlorotoluene
Concen: 49.644 ug/l
RT: 11.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 266064

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.1	48.3

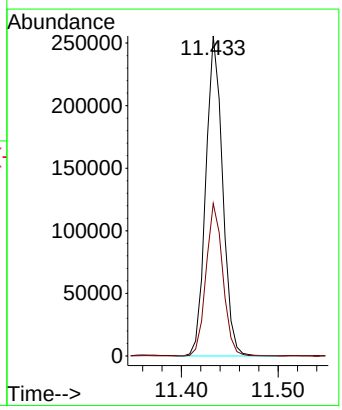


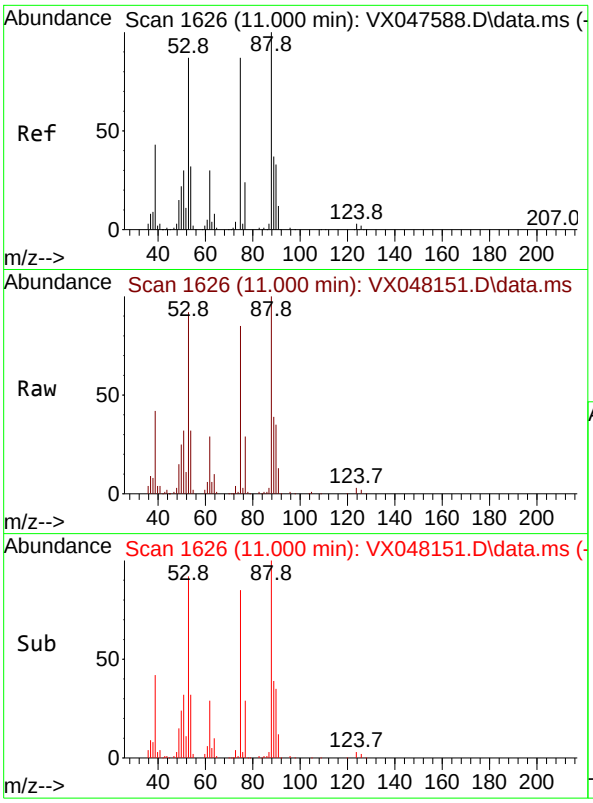


#80
1,3,5-Trimethylbenzene
Concen: 50.831 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:105 Resp: 309130

Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.6	70.8



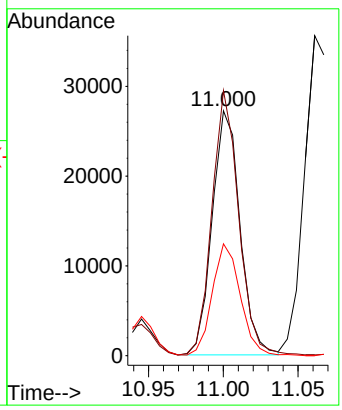


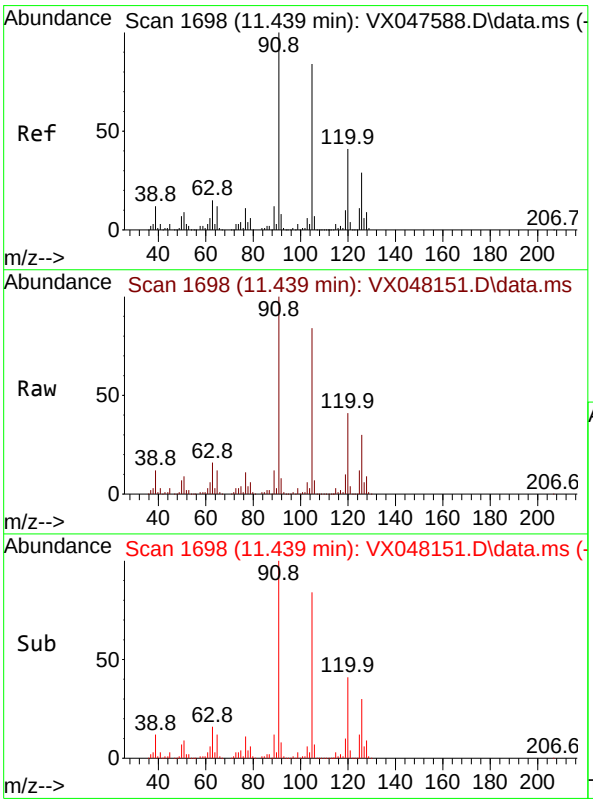
#81
trans-1,4-Dichloro-2-butene
Concen: 45.572 ug/l
RT: 11.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 35228

Ion	Ratio	Lower	Upper
75	100		
53	105.1	83.4	125.2
89	46.2	36.3	54.5

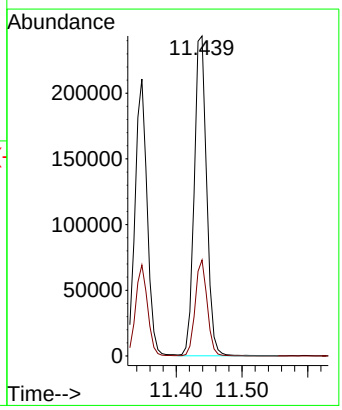


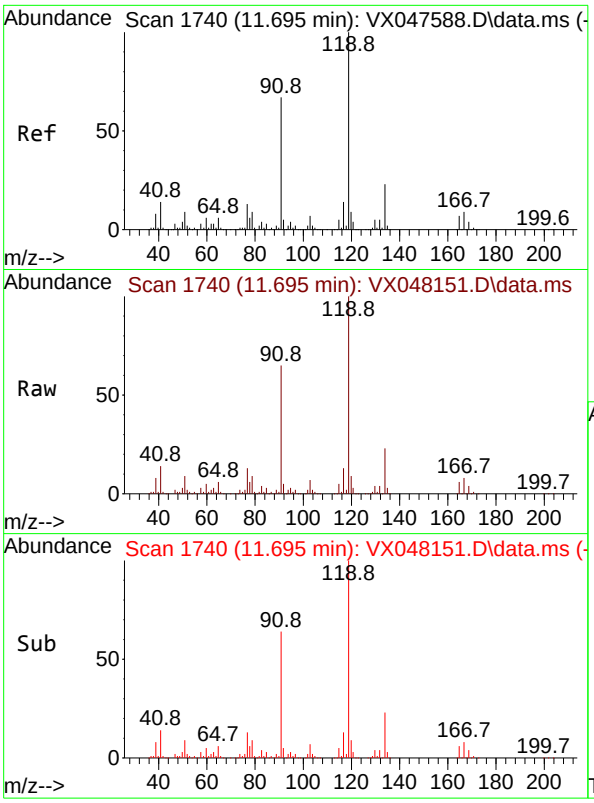


#82
4-Chlorotoluene
Concen: 50.343 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 91 Resp: 318659

Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.2	42.6



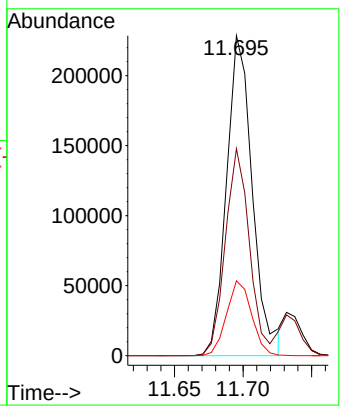


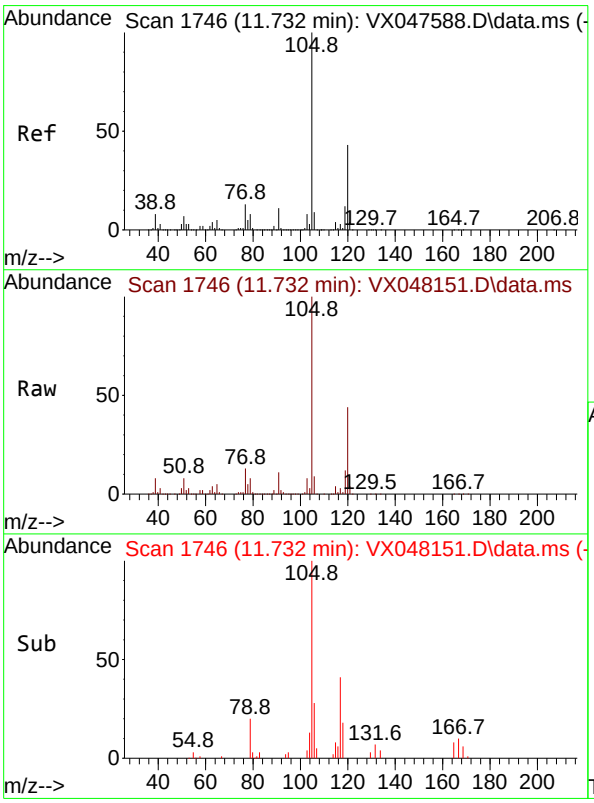
#83
tert-Butylbenzene
Concen: 48.111 ug/l
RT: 11.695 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 299521

Ion	Ratio	Lower	Upper
119	100		
91	60.4	29.6	88.8
134	22.7	11.0	33.0

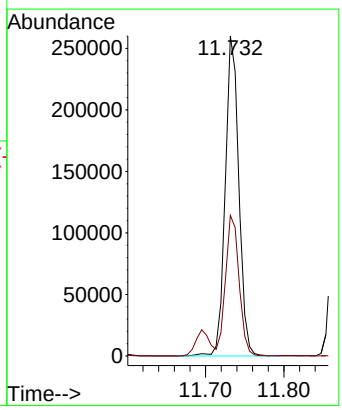


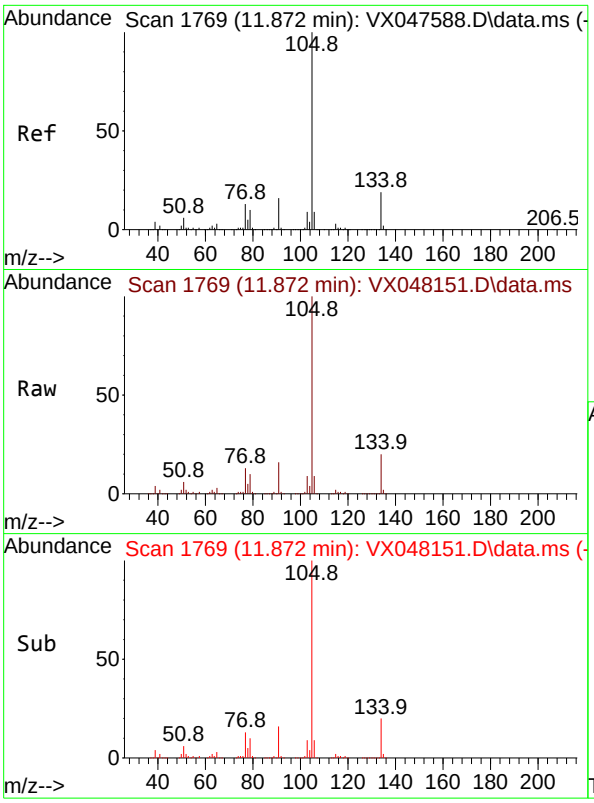


#84
1,2,4-Trimethylbenzene
Concen: 50.919 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:105 Resp: 313950

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.1



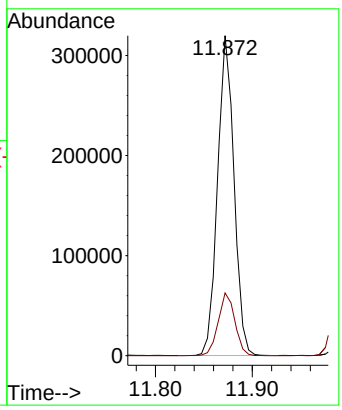


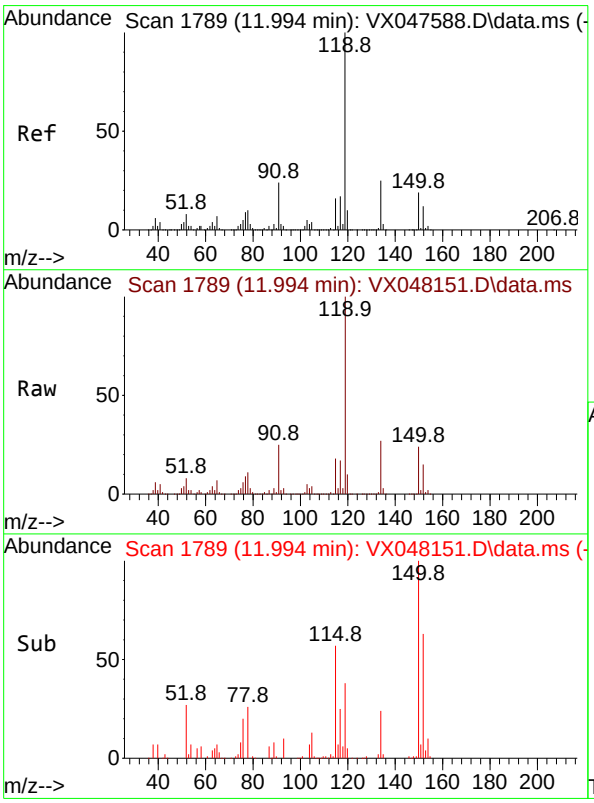
#85
sec-Butylbenzene
Concen: 50.907 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 376441

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

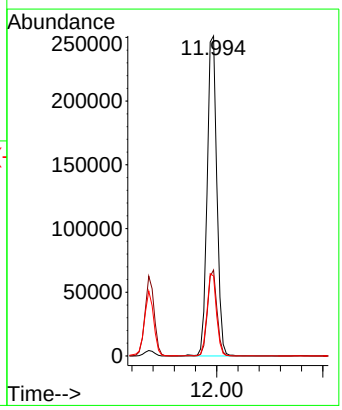


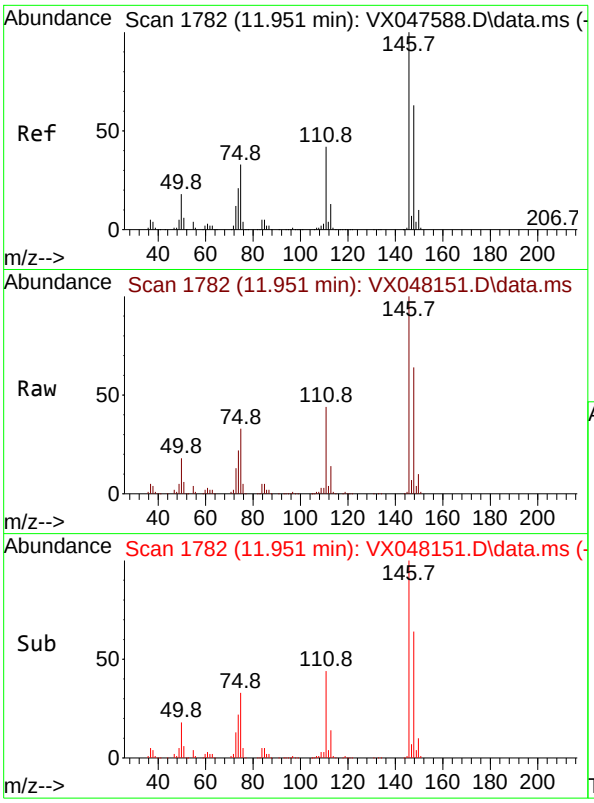


#86
p-Isopropyltoluene
Concen: 50.578 ug/l
RT: 11.994 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:119 Resp: 316639

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.6	37.8
91	25.3	12.6	37.6



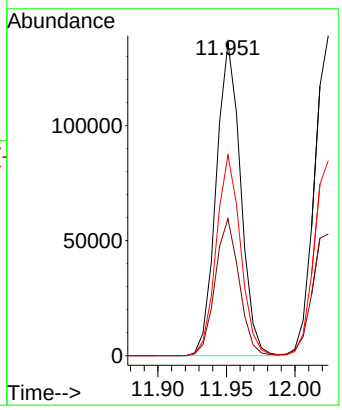


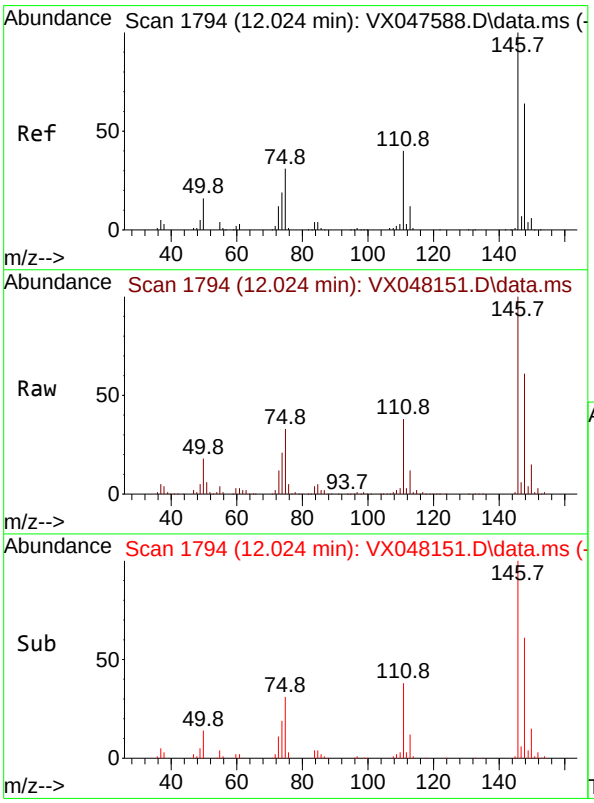
#87
1,3-Dichlorobenzene
Concen: 49.700 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 168297

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	63.8	32.0	96.0

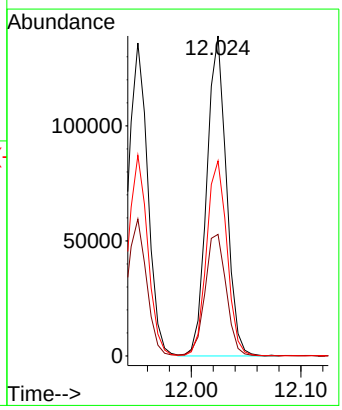


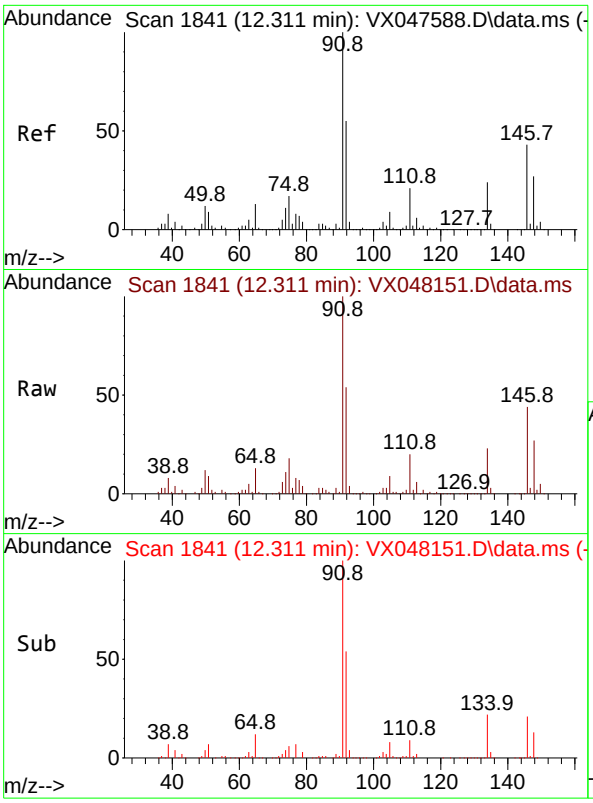


#88
1,4-Dichlorobenzene
Concen: 49.665 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:146 Resp: 172609

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.4
148	63.5	31.7	95.1



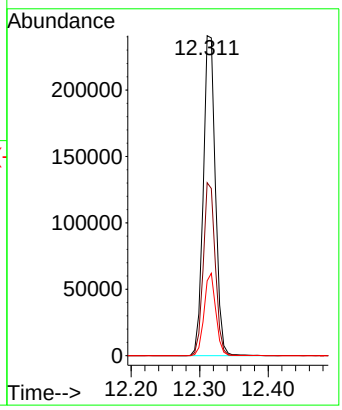


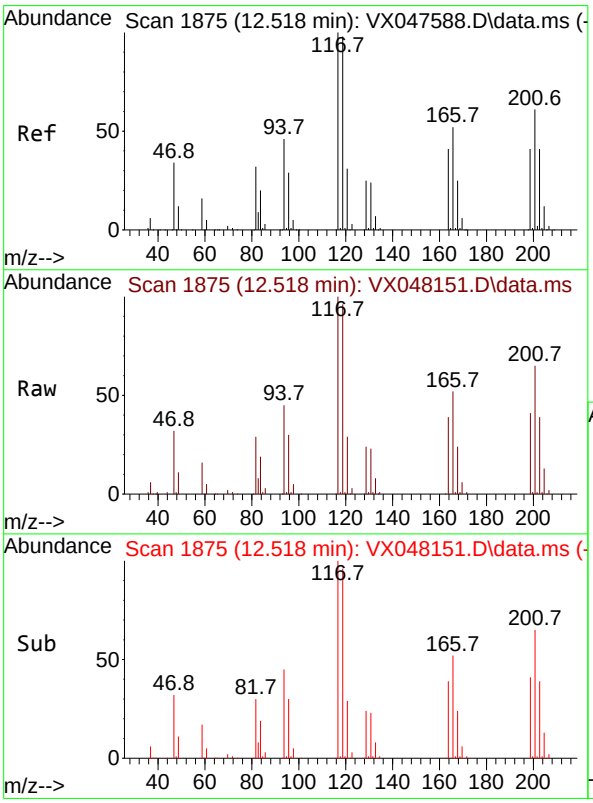
#89
n-Butylbenzene
Concen: 51.169 ug/l
RT: 12.311 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 296409

Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.6	82.7
134	24.9	12.6	37.8

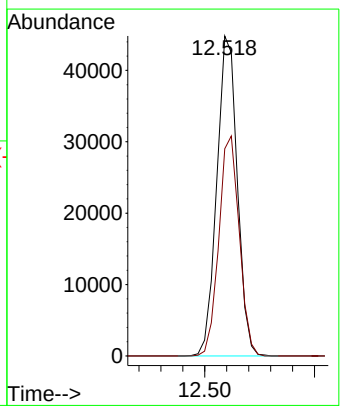


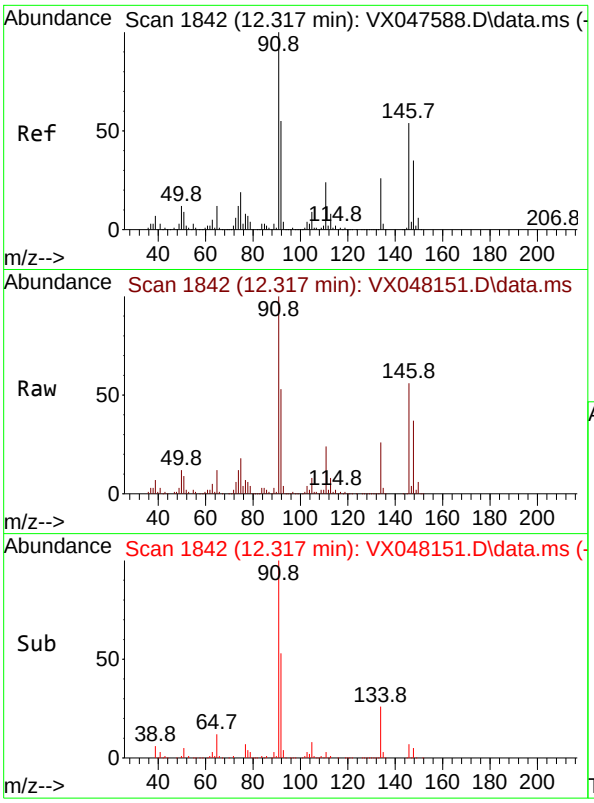


#90
Hexachloroethane
Concen: 53.026 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:117 Resp: 58283

Ion	Ratio	Lower	Upper
117	100		
201	68.4	34.2	102.5



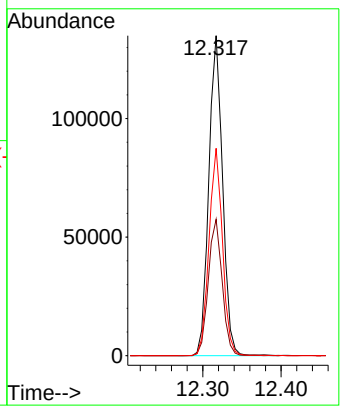


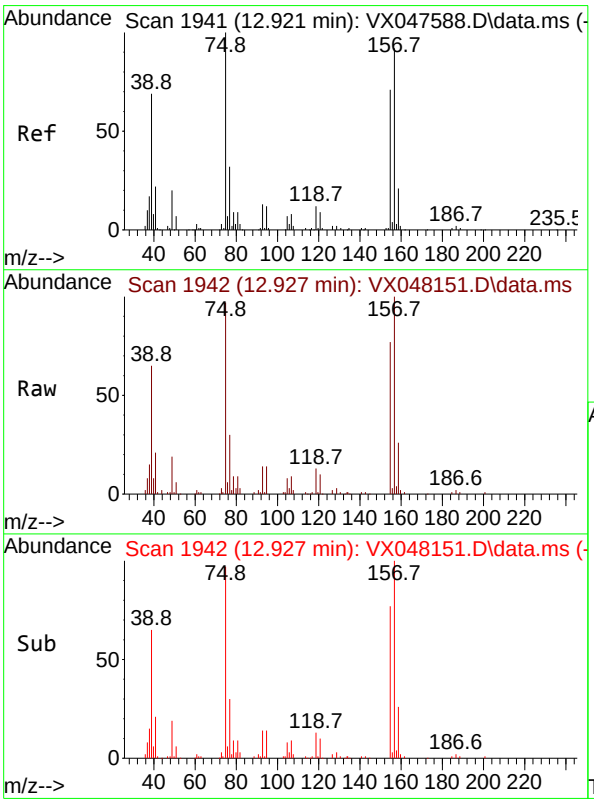
#91
1,2-Dichlorobenzene
Concen: 50.956 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 164389

Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.2	66.6
148	63.4	31.8	95.4

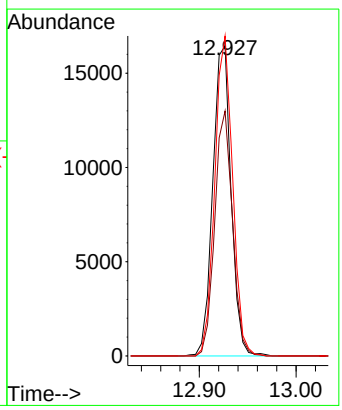


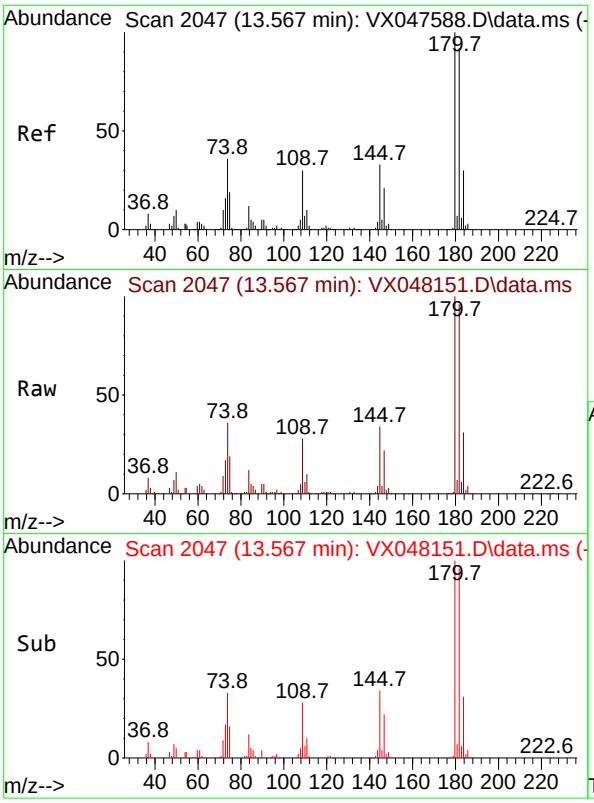


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.620 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 21592

Ion	Ratio	Lower	Upper
75	100		
155	77.0	37.7	113.1
157	100.5	49.8	149.4



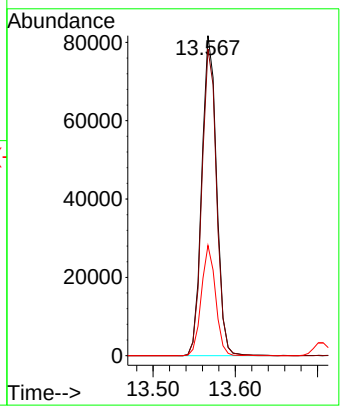


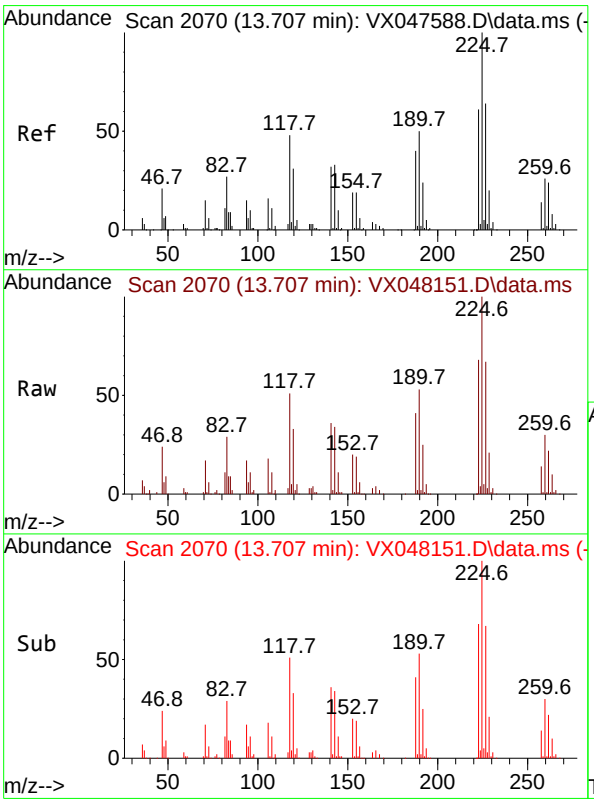
#93
1,2,4-Trichlorobenzene
Concen: 48.527 ug/l
RT: 13.567 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 101747

Ion	Ratio	Lower	Upper
180	100		
182	95.5	46.6	139.8
145	33.1	16.4	49.1

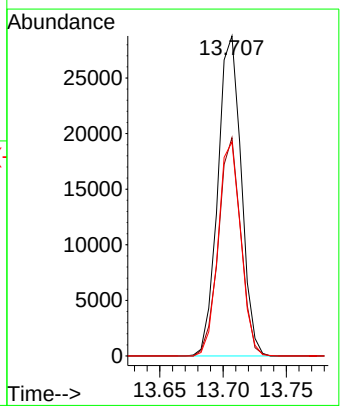


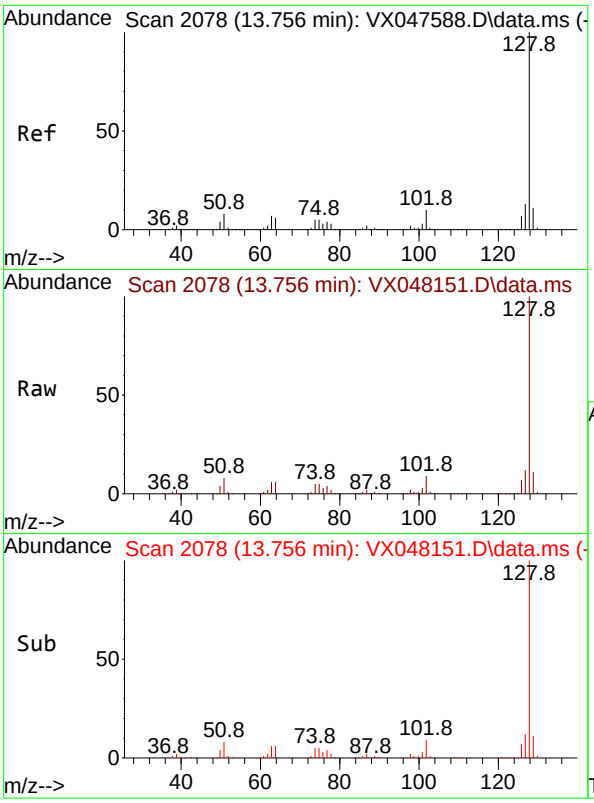


#94
Hexachlorobutadiene
Concen: 51.799 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:225 Resp: 36890

Ion	Ratio	Lower	Upper
225	100		
223	65.2	31.7	95.1
227	64.7	32.0	96.0



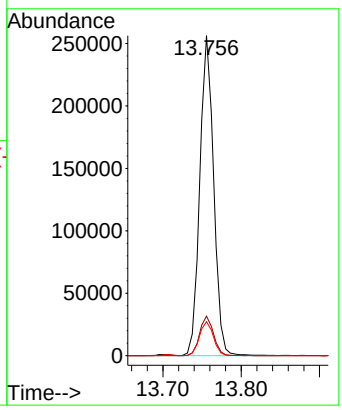


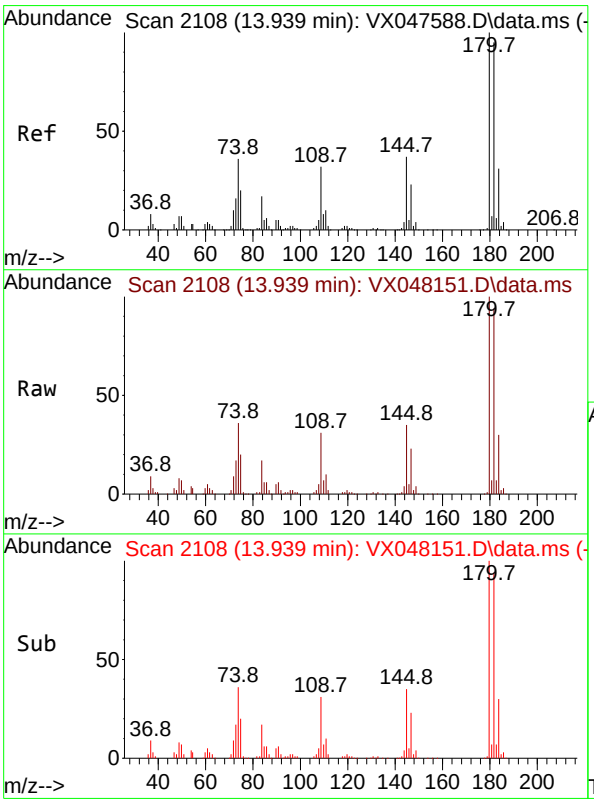
#95
Naphthalene
Concen: 49.297 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 314740

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.8	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 50.354 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:180 Resp: 98210

Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.6	142.8
145	34.2	17.9	53.7